

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

04/05/2025

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	42.39	47.23	38.40	34.99	35.41	35.01	39.34	44.51	57.56	60.93	54.37	43.02	40.31	39.98	42.81	48.70	51.97	49.17	43.61	51.72	50.46	53.00	57.08	57.72
24138	0.81	1.02	0.89	0.93	0.88	1.00	1.04	0.99	1.24	1.50	1.53	1.26	1.51	1.51	1.42	1.65	1.75	1.90	1.74	2.25	2.24	2.23	1.74	1.46
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	42.53	47.39	38.52	35.10	35.52	35.13	39.48	44.63	57.71	61.10	54.53	43.15	40.44	40.13	42.97	48.89	52.17	49.37	43.75	51.90	50.63	53.21	57.29	57.92
24260	0.95	1.18	1.02	1.05	0.99	1.11	1.18	1.12	1.39	1.66	1.68	1.39	1.64	1.66	1.58	1.85	1.95	2.10	1.88	2.43	2.42	2.44	1.94	1.66
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	42.53	47.39	38.52	35.10	35.52	35.13	39.48	44.63	57.71	61.10	54.53	43.15	40.44	40.13	42.97	48.89	52.17	49.37	43.75	51.90	50.63	53.21	57.29	57.92
24261	0.95	1.18	1.02	1.05	0.99	1.11	1.18	1.12	1.39	1.66	1.68	1.39	1.64	1.66	1.58	1.85	1.95	2.10	1.88	2.43	2.42	2.44	1.94	1.66
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	42.95	47.92	38.96	35.41	36.00	35.52	39.94	45.27	58.55	61.59	54.84	43.41	40.54	40.32	43.22	49.27	52.68	49.82	44.26	52.16	50.67	53.21	57.54	58.04
24011	1.37	1.71	1.45	1.35	1.47	1.50	1.65	1.75	2.23	2.16	2.00	1.66	1.74	1.84	1.83	2.22	2.46	2.55	2.39	2.70	2.46	2.44	2.19	1.78
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	43.23	48.30	39.26	35.65	36.25	35.79	40.23	45.56	58.86	61.86	55.11	43.65	40.78	40.61	43.54	49.63	53.08	50.27	44.68	52.58	50.97	53.53	57.87	58.30
23798	1.65	2.08	1.75	1.59	1.72	1.77	1.93	2.04	2.54	2.43	2.26	1.90	1.98	2.14	2.15	2.58	2.86	3.00	2.81	3.11	2.75	2.76	2.52	2.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	42.95	47.92	38.96	35.41	36.00	35.52	39.94	45.27	58.55	61.59</														

ALBANY___2 23572	41.19 -0.39 0.00	45.87 -0.34 0.00	37.38 -0.13 0.00	34.07 0.01 0.00	34.61 0.08 0.00	34.06 0.04 0.00	37.99 -0.30 0.00	42.97 -0.55 0.00	55.54 -0.78 0.00	58.47 -0.97 0.00	52.01 -0.83 0.00	41.21 -0.55 0.00	38.52 -0.29 0.00	38.26 -0.21 0.00	40.96 -0.43 0.00	46.61 -0.44 0.00	49.85 -0.37 0.00	46.97 -0.30 0.00	41.71 -0.16 0.00	49.28 -0.19 0.00	48.03 -0.18 0.00	50.50 -0.27 0.00	54.64 -0.70 0.00	55.24 -1.02 0.00
ALBANY___3 23573	41.19 -0.39 0.00	45.87 -0.34 0.00	37.38 -0.13 0.00	34.07 0.01 0.00	34.61 0.08 0.00	34.06 0.04 0.00	37.99 -0.30 0.00	42.97 -0.55 0.00	55.54 -0.78 0.00	58.47 -0.97 0.00	52.01 -0.83 0.00	41.21 -0.55 0.00	38.52 -0.29 0.00	38.26 -0.21 0.00	40.96 -0.43 0.00	46.61 -0.44 0.00	49.85 -0.37 0.00	46.97 -0.30 0.00	41.71 -0.16 0.00	49.28 -0.19 0.00	48.03 -0.18 0.00	50.50 -0.27 0.00	54.64 -0.70 0.00	55.24 -1.02 0.00
ALBANY___4 23574	41.19 -0.39 0.00	45.87 -0.34 0.00	37.38 -0.13 0.00	34.07 0.01 0.00	34.61 0.08 0.00	34.06 0.04 0.00	37.99 -0.30 0.00	42.97 -0.55 0.00	55.54 -0.78 0.00	58.47 -0.97 0.00	52.01 -0.83 0.00	41.21 -0.55 0.00	38.52 -0.29 0.00	38.26 -0.21 0.00	40.96 -0.43 0.00	46.61 -0.44 0.00	49.85 -0.37 0.00	46.97 -0.30 0.00	41.71 -0.16 0.00	49.28 -0.19 0.00	48.03 -0.18 0.00	50.50 -0.27 0.00	54.64 -0.70 0.00	55.24 -1.02 0.00
ALBANY___LFGE 323615	41.53 -0.05 0.00	46.24 0.03 0.00	37.67 0.17 0.00	34.32 0.26 0.00	34.87 0.34 0.00	34.32 0.31 0.00	38.35 0.05 0.00	43.40 -0.11 0.00	56.15 -0.17 0.00	59.12 -0.31 0.00	52.60 -0.25 0.00	41.67 -0.09 0.00	38.91 0.11 0.00	38.66 0.19 0.00	41.42 0.03 0.00	47.15 0.10 0.00	50.43 0.20 0.00	47.52 0.25 0.00	42.18 0.31 0.00	49.84 0.37 0.00	48.57 0.36 0.00	51.05 0.28 0.00	55.27 -0.08 0.00	55.84 -0.42 0.00
ALCOA_PA_115KV_PL-6C 55860	42.61 1.03 0.00	47.35 1.14 0.00	38.39 0.89 0.00	34.86 0.80 0.00	35.27 0.74 0.00	34.69 0.68 0.00	39.20 0.90 0.00	44.60 1.09 0.00	57.64 1.32 0.00	60.46 1.03 0.00	53.74 0.89 0.00	42.48 0.72 0.00	39.23 0.43 0.00	38.80 0.33 0.00	41.75 0.36 0.00	47.45 0.41 0.00	50.61 0.39 0.00	48.53 -0.01 -1.27	41.79 -0.07 0.00	49.22 -0.25 0.00	48.07 -0.14 0.00	50.78 0.01 0.00	55.98 0.63 0.00	57.23 0.97 0.00
ALCOA_RYNLDS___DRP 24188	42.61 1.03 0.00	47.35 1.14 0.00	38.39 0.89 0.00	34.86 0.80 0.00	35.27 0.74 0.00	34.69 0.68 0.00	39.20 0.90 0.00	44.60 1.09 0.00	57.64 1.32 0.00	60.46 1.03 0.00	53.74 0.89 0.00	42.48 0.72 0.00	39.23 0.43 0.00	38.80 0.33 0.00	41.75 0.36 0.00	47.45 0.41 0.00	50.61 0.39 0.00	48.53 -0.01 -1.27	41.79 -0.07 0.00	49.22 -0.25 0.00	48.07 -0.14 0.00	50.78 0.01 0.00	55.98 0.63 0.00	57.23 0.97 0.00
ALCOA___DSASP 323711	42.61 1.03 0.00	47.35 1.13 0.00	38.39 0.89 0.00	34.86 0.80 0.00	35.27 0.74 0.00	34.69 0.68 0.00	39.20 0.90 0.00	44.60 1.09 0.00	57.64 1.32 0.00	60.46 1.03 0.00	53.74 0.89 0.00	42.48 0.72 0.00	39.23 0.43 0.00	38.79 0.33 0.00	41.75 0.36 0.00	47.45 0.40 0.00	50.61 0.38 0.00	48.53 -0.01 -1.27	41.79 -0.07 0.00	49.22 -0.25 0.00	48.07 -0.14 0.00	50.78 0.01 0.00	55.98 0.63 0.00	57.23 0.97 0.00
ALLEGHENY___COGEN 23514	42.26 0.68 0.00	46.50 0.29 0.00	37.22 -0.29 0.00	33.34 -0.73 0.00	33.85 -0.68 0.00	33.58 -0.43 0.00	37.97 -0.33 0.00	43.59 0.08 0.00	56.78 0.46 0.00	60.23 0.80 0.00	52.86 0.01 0.00	40.83 -0.92 0.00	37.99 -0.81 0.00	37.50 -0.97 0.00	40.43 -0.96 0.00	45.85 -1.20 0.00	49.61 -0.62 0.00	47.44 0.17 0.00	42.07 0.19 0.00	49.91 0.45 0.00	48.76 0.55 0.00	51.61 0.84 0.00	57.07 1.73 0.00	58.54 2.28 0.00
ALTAMONT_115KV_TB 2 55880	41.64 0.06 0.00	46.37 0.15 0.00	37.74 0.23 0.00	34.37 0.31 0.00	34.88 0.34 0.00	34.34 0.32 0.00	38.51 0.22 0.00	43.65 0.14 0.00	56.46 0.14 0.00	59.49 0.05 0.00	52.94 0.10 0.00	41.87 0.11 0.00	39.08 0.28 0.00	38.80 0.33 0.00	41.61 0.22 0.00	47.36 0.31 0.00	50.61 0.39 0.00	47.71 0.44 0.00	42.34 0.47 0.00	50.05 0.58 0.00	48.81 0.59 0.00	51.32 0.55 0.00	55.60 0.25 0.00	56.29 0.03 0.00
ALTONA_WT_PWR 323606	43.16 1.58 0.00	47.99 1.78 0.00	38.55 1.05 0.00	35.00 0.94 0.00	35.63 1.10 0.00	34.74 0.72 0.00	39.24 0.94 0.00	44.50 0.98 0.00	57.74 1.42 0.00	60.56 1.13 0.00	53.74 0.90 0.00	42.62 0.86 0.00	39.22 0.41 0.00	38.47 0.00 0.00	41.32 -0.07 0.00	47.02 -0.03 0.00	49.75 -0.47 0.00	11.71 -1.34 34.22	40.92 -0.95 0.00	48.57 -0.90 0.00	46.85 -1.37 0.00	49.47 -1.30 0.00	55.21 -0.13 0.00	56.66 0.40 0.00
AMERICAN_REF_FUEL 24010	40.33 -1.25 0.00	44.29 -1.92 0.00	35.48 -2.03 0.00	31.61 -2.45 0.00	32.22 -2.31 0.00	32.24 -1.77 0.00	36.25 -2.05 0.00	41.58 -1.93 0.00	54.27 -2.05 0.00	57.64 -1.79 0.00	50.96 -1.89 0.00	40.17 -1.58 0.00	36.74 -2.06 0.00	36.44 -2.03 0.00	39.82 -1.57 0.00	44.90 -2.14 0.00	47.58 -2.64 0.00	44.99 -2.28 0.00	39.38 -2.49 0.00	46.25 -3.22 0.00	45.04 -3.17 0.00	47.87 -2.90 0.00	53.73 -1.62 0.00	55.62 -0.64 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	40.32 -1.26 0.00	44.59 -1.62 0.00	36.03 -1.48 0.00	31.49 -2.57 0.00	32.13 -2.40 0.00	31.80 -2.22 0.00	35.81 -2.48 0.00	41.11 -2.41 0.00	53.46 -2.86 0.00	56.70 -2.73 0.00	50.68 -2.16 0.00	39.70 -2.05 0.00	36.58 -2.22 0.00	36.36 -2.12 0.00	40.20 -1.20 0.00	45.78 -1.27 0.00	48.07 -2.16 0.00	46.15 -1.12 0.00	40.00 -1.88 0.00	47.62 -1.84 0.00	46.84 -1.38 0.00	50.53 -0.24 0.00	56.23 0.89 0.00	58.16 1.90 0.00
ARTHUR KILL_GT_1 23520	57.86 1.04 -15.24	53.88 1.25 -6.42	53.22 1.07 -14.64	53.21 1.11 -18.04	53.21 1.04 -17.63	53.21 1.21 -17.98	53.28 1.28 -13.71	53.88 1.12 -9.25	58.57 1.24 -1.01	61.01 1.48 -0.10	57.22 1.57 -2.81	57.56 1.32 -14.49	56.27 1.55 -15.92	56.98 1.59 -16.93	56.12 1.51 -13.22	59.96 1.74 -11.17	63.70 1.82 -11.65	60.09 2.04 -10.78	57.14 1.82 -13.45	62.53 2.32 -10.73	64.72 2.31 -14.20	63.97 2.33 -10.87	61.97 1.86 -4.76	63.29 1.59 -5.44
ARTHUR_KILL_2 23512	57.76 0.94 -15.24	53.75 1.12 -6.42	53.13 0.98 -14.64	53.13 1.03 -18.04	53.13 0.96 -17.63	53.13 1.13 -17.98	53.19 1.18 -13.71	53.77 1.01 -9.25	58.41 1.08 -1.01	60.86 1.33 -0.10	57.07 1.42 -2.81	57.44 1.19 -14.49	56.18 1.46 -15.92	56.87 1.48 -16.93	56.01 1.39 -13.22	59.83 1.60 -11.17	63.55 1.68 -11.65	59.95 1.89 -10.78	57.02 1.70 -13.45	62.38 2.17 -10.73	64.58 2.17 -14.20	63.82 2.18 -10.87	61.80 1.70 -4.76	63.12 1.42 -5.44
ARTHUR_KILL_3 23513	57.30 0.48 -15.24	53.31 0.67 -6.42	52.77 0.61 -14.65	52.78 0.67 -18.05	52.94 0.62 -17.79	52.74 0.73 -17.99	52.76 0.74 -13.72	53.37 0.61 -9.24	58.04 0.71 -1.01	60.34 0.90 0.00	53.85 1.00 0.00	55.83 0.85 -13.22	55.86 1.15 -15.91	56.56 1.17 -16.92	55.65 1.04 -13.22	59.44 1.22 -11.16	63.13 1.27 -11.65	59.51 1.46 -10.77	56.65 1.35 -13.44	62.02 1.81 -10.73	64.25 1.84 -14.19	63.47 1.84 -10.86	61.37 1.27 -4.76	61.50 1.02 -4.21

ARTHUR_KILL_COGEN 323718	57.86 1.04 -15.24	53.88 1.25 -6.42	53.22 1.07 -14.64	53.21 1.11 -18.04	53.21 1.04 -17.63	53.21 1.21 -17.98	53.28 1.28 -13.71	53.88 1.12 -9.25	58.57 1.24 -1.01	61.01 1.48 -0.10	57.22 1.57 -2.81	57.56 1.32 -14.49	56.27 1.55 -15.92	56.98 1.59 -16.93	56.12 1.51 -13.22	59.96 1.74 -11.17	63.70 1.82 -11.65	60.09 2.04 -10.78	57.14 1.82 -13.45	62.53 2.32 -10.73	64.72 2.31 -14.20	63.97 2.33 -10.87	61.97 1.86 -4.76	63.29 1.59 -5.44
ASHOKAN____ 23654	42.26 0.68 0.00	47.03 0.82 0.00	38.25 0.75 0.00	34.85 0.79 0.00	35.32 0.79 0.00	34.83 0.81 0.00	39.22 0.93 0.00	44.53 1.01 0.00	57.81 1.49 0.00	61.17 1.73 0.00	54.51 1.66 0.00	43.04 1.28 0.00	40.27 1.47 0.00	39.94 1.48 0.00	42.79 1.40 0.00	48.81 1.76 0.00	52.24 2.01 0.00	49.31 2.04 0.00	43.81 1.94 0.00	51.88 2.41 0.00	50.52 2.31 0.00	53.02 2.25 0.00	57.19 1.84 0.00	57.73 1.47 0.00
ASTORIA_EAST_ENERGY_CC1 323581	42.15 0.56 -0.01	46.92 0.70 0.00	38.16 0.65 0.00	34.91 0.84 -0.01	35.19 0.66 0.00	34.85 0.83 0.00	39.09 0.80 0.00	44.21 0.70 0.00	57.17 0.84 0.00	60.58 1.15 0.00	54.29 1.27 -0.17	42.78 1.02 0.00	40.12 1.32 0.00	39.85 1.38 0.00	42.68 1.28 0.00	48.52 1.47 0.00	51.76 1.52 -0.02	49.02 1.75 0.00	45.41 1.60 -1.94	51.61 2.00 -0.14	50.41 1.99 -0.20	52.94 1.97 -0.20	57.02 1.44 -0.23	57.40 1.14 0.00
ASTORIA_EAST_ENERGY_CC2 323582	42.15 0.56 -0.01	46.92 0.70 0.00	38.16 0.65 0.00	34.91 0.84 -0.01	35.19 0.66 0.00	34.86 0.84 0.00	39.09 0.80 0.00	44.21 0.70 0.00	57.17 0.84 0.00	60.58 1.15 0.00	54.29 1.27 -0.17	42.78 1.03 0.00	40.12 1.32 0.00	39.85 1.38 0.00	42.68 1.28 0.00	48.52 1.47 0.00	51.76 1.52 -0.02	49.02 1.75 0.00	45.41 1.60 -1.94	51.61 2.00 -0.14	50.41 1.99 -0.20	52.94 1.97 -0.20	57.02 1.44 -0.23	57.40 1.14 0.00
ASTORIA_GT2_1 24094	42.15 0.56 -0.01	46.95 0.74 0.00	38.18 0.67 0.00	34.91 0.84 -0.01	35.22 0.68 0.00	34.86 0.84 -0.01	39.12 0.82 0.00	44.24 0.72 0.00	57.20 0.88 0.00	60.61 1.17 0.00	54.32 1.30 -0.17	42.79 1.04 0.00	40.14 1.34 0.00	39.85 1.38 0.00	42.70 1.31 0.00	48.55 1.50 0.00	51.81 1.57 -0.02	49.06 1.79 0.00	45.42 1.61 -1.94	51.64 2.03 -0.14	50.43 2.01 -0.20	52.99 2.02 -0.20	57.06 1.48 -0.23	57.44 1.18 0.00
ASTORIA_GT2_2 24095	42.15 0.56 -0.01	46.95 0.74 0.00	38.18 0.67 0.00	34.91 0.84 -0.01	35.22 0.68 0.00	34.86 0.84 -0.01	39.12 0.82 0.00	44.24 0.72 0.00	57.20 0.88 0.00	60.61 1.17 0.00	54.32 1.30 -0.17	42.79 1.04 0.00	40.14 1.34 0.00	39.85 1.38 0.00	42.70 1.31 0.00	48.55 1.50 0.00	51.81 1.57 -0.02	49.06 1.79 0.00	45.42 1.61 -1.94	51.64 2.03 -0.14	50.43 2.01 -0.20	52.99 2.02 -0.20	57.06 1.48 -0.23	57.44 1.18 0.00
ASTORIA_GT2_3 24096	42.15 0.56 -0.01	46.95 0.74 0.00	38.18 0.67 0.00	34.91 0.84 -0.01	35.22 0.68 0.00	34.86 0.84 -0.01	39.12 0.82 0.00	44.24 0.72 0.00	57.20 0.88 0.00	60.61 1.17 0.00	54.32 1.30 -0.17	42.79 1.04 0.00	40.14 1.34 0.00	39.85 1.38 0.00	42.70 1.31 0.00	48.55 1.50 0.00	51.81 1.57 -0.02	49.06 1.79 0.00	45.42 1.61 -1.94	51.64 2.03 -0.14	50.43 2.01 -0.20	52.99 2.02 -0.20	57.06 1.48 -0.23	57.44 1.18 0.00
ASTORIA_GT2_4 24097	42.15 0.56 -0.01	46.95 0.74 0.00	38.18 0.67 0.00	34.91 0.84 -0.01	35.22 0.68 0.00	34.86 0.84 -0.01	39.12 0.82 0.00	44.24 0.72 0.00	57.20 0.88 0.00	60.61 1.17 0.00	54.32 1.30 -0.17	42.79 1.04 0.00	40.14 1.34 0.00	39.85 1.38 0.00	42.70 1.31 0.00	48.55 1.50 0.00	51.81 1.57 -0.02	49.06 1.79 0.00	45.42 1.61 -1.94	51.64 2.03 -0.14	50.43 2.01 -0.20	52.99 2.02 -0.20	57.06 1.48 -0.23	57.44 1.18 0.00
ASTORIA_GT3_1 24098	42.15 0.56 -0.01	46.95 0.74 0.00	38.18 0.67 0.00	34.91 0.84 -0.01	35.22 0.68 0.00	34.86 0.84 -0.01	39.12 0.82 0.00	44.24 0.72 0.00	57.20 0.88 0.00	60.61 1.17 0.00	54.32 1.30 -0.17	42.79 1.04 0.00	40.14 1.34 0.00	39.85 1.38 0.00	42.70 1.31 0.00	48.55 1.50 0.00	51.81 1.57 -0.02	49.06 1.79 0.00	45.42 1.61 -1.94	51.64 2.03 -0.14	50.43 2.01 -0.20	52.99 2.02 -0.20	57.06 1.48 -0.23	57.44 1.18 0.00
ASTORIA_GT3_2 24099	42.15 0.56 -0.01	46.95 0.74 0.00	38.18 0.67 0.00	34.91 0.84 -0.01	35.22 0.68 0.00	34.86 0.84 -0.01	39.12 0.82 0.00	44.24 0.72 0.00	57.20 0.88 0.00	60.61 1.17 0.00	54.32 1.30 -0.17	42.79 1.04 0.00	40.14 1.34 0.00	39.85 1.38 0.00	42.70 1.31 0.00	48.55 1.50 0.00	51.81 1.57 -0.02	49.06 1.79 0.00	45.42 1.61 -1.94	51.64 2.03 -0.14	50.43 2.01 -0.20	52.99 2.02 -0.20	57.06 1.48 -0.23	57.44 1.18 0.00
ASTORIA_GT3_3 24100	42.15 0.56 -0.01	46.95 0.74 0.00	38.18 0.67 0.00	34.91 0.84 -0.01	35.22 0.68 0.00	34.86 0.84 -0.01	39.12 0.82 0.00	44.24 0.72 0.00	57.20 0.88 0.00	60.61 1.17 0.00	54.32 1.30 -0.17	42.79 1.04 0.00	40.14 1.34 0.00	39.85 1.38 0.00	42.70 1.31 0.00	48.55 1.50 0.00	51.81 1.57 -0.02	49.06 1.79 0.00	45.42 1.61 -1.94	51.64 2.03 -0.14	50.43 2.01 -0.20	52.99 2.02 -0.20	57.06 1.48 -0.23	57.44 1.18 0.00
ASTORIA_GT3_4 24101	42.15 0.56 -0.01	46.95 0.74 0.00	38.18 0.67 0.00	34.91 0.84 -0.01	35.22 0.68 0.00	34.86 0.84 -0.01	39.12 0.82 0.00	44.24 0.72 0.00	57.20 0.88 0.00	60.61 1.17 0.00	54.32 1.30 -0.17	42.79 1.04 0.00	40.14 1.34 0.00	39.85 1.38 0.00	42.70 1.31 0.00	48.55 1.50 0.00	51.81 1.57 -0.02	49.06 1.79 0.00	45.42 1.61 -1.94	51.64 2.03 -0.14	50.43 2.01 -0.20	52.99 2.02 -0.20	57.06 1.48 -0.23	57.44 1.18 0.00
ASTORIA_GT4_1 24102	42.15 0.56 -0.01	46.95 0.74 0.00	38.18 0.67 0.00	34.91 0.84 -0.01	35.22 0.68 0.00	34.86 0.84 -0.01	39.12 0.82 0.00	44.24 0.72 0.00	57.20 0.88 0.00	60.61 1.17 0.00	54.32 1.30 -0.17	42.79 1.04 0.00	40.14 1.34 0.00	39.85 1.38 0.00	42.70 1.31 0.00	48.55 1.50 0.00	51.81 1.57 -0.02	49.06 1.79 0.00	45.42 1.61 -1.94	51.64 2.03 -0.14	50.43 2.01 -0.20	52.99 2.02 -0.20	57.06 1.48 -0.23	57.44 1.18 0.00
ASTORIA_GT4_2 24103	42.15 0.56 -0.01	46.95 0.74 0.00	38.18 0.67 0.00	34.91 0.84 -0.01	35.22 0.68 0.00	34.86 0.84 -0.01	39.12 0.82 0.00	44.24 0.72 0.00	57.20 0.88 0.00	60.61 1.17 0.00	54.32 1.30 -0.17	42.79 1.04 0.00	40.14 1.34 0.00	39.85 1.38 0.00	42.70 1.31 0.00	48.55 1.50 0.00	51.81 1.57 -0.02	49.06 1.79 0.00	45.42 1.61 -1.94	51.64 2.03 -0.14	50.43 2.01 -0.20	52.99 2.02 -0.20	57.06 1.48 -0.23	57.44 1.18 0.00
ASTORIA_GT4_3 24104	42.15 0.56 -0.01	46.95 0.74 0.00	38.18 0.67 0.00	34.91 0.84 -0.01	35.22 0.68 0.00	34.86 0.84 -0.01	39.12 0.82 0.00	44.24 0.72 0.00	57.20 0.88 0.00	60.61 1.17 0.00	54.32 1.30 -0.17	42.79 1.04 0.00	40.14 1.34 0.00	39.85 1.38 0.00	42.70 1.31 0.00	48.55 1.50 0.00	51.81 1.57 -0.02	49.06 1.79 0.00	45.42 1.61 -1.94	51.64 2.03 -0.14	50.43 2.01 -0.20	52.99 2.02 -0.20	57.06 1.48 -0.23	57.44 1.18 0.00

ASTORIA_GT4_4 24105	42.15 0.56 -0.01	46.95 0.74 0.00	38.18 0.67 0.00	34.91 0.84 -0.01	35.22 0.68 0.00	34.86 0.84 -0.01	39.12 0.82 0.00	44.24 0.72 0.00	57.20 0.88 0.00	60.61 1.17 0.00	54.32 1.30 -0.17	42.79 1.04 0.00	40.14 1.34 0.00	39.85 1.38 0.00	42.70 1.31 0.00	48.55 1.50 0.00	51.81 1.57 -0.02	49.06 1.79 0.00	45.42 1.61 -1.94	51.64 2.03 -0.14	50.43 2.01 -0.20	52.99 2.02 -0.20	57.06 1.48 -0.23	57.44 1.18 0.00
ASTORIA_GT_1 23523	42.23 0.64 -0.01	47.02 0.80 0.00	38.24 0.73 0.00	34.97 0.90 -0.01	35.26 0.72 0.00	34.92 0.90 0.00	39.18 0.89 0.00	44.32 0.80 0.00	57.30 0.98 0.00	60.72 1.29 0.00	54.42 1.40 -0.17	42.88 1.13 0.00	40.22 1.42 0.00	39.93 1.46 0.00	42.78 1.39 0.00	48.62 1.57 0.00	51.89 1.65 -0.02	49.15 1.87 0.00	45.52 1.71 -1.94	51.74 2.13 -0.14	50.52 2.10 -0.20	53.07 2.09 -0.20	57.17 1.59 -0.23	57.54 1.28 0.00
ASTORIA_GT_10 24110	42.41 0.82 -0.01	47.23 1.01 0.00	38.42 0.91 0.00	35.04 0.97 -0.01	35.42 0.89 0.00	35.04 1.02 -0.01	39.33 1.03 0.00	44.37 0.85 0.00	57.40 1.08 0.00	60.77 1.34 0.00	54.26 1.41 0.00	42.92 1.16 0.00	40.24 1.44 0.00	39.92 1.46 0.00	42.77 1.38 0.00	48.63 1.59 0.00	51.89 1.67 0.00	49.13 1.85 0.00	43.53 1.66 0.00	51.58 2.11 0.00	50.34 2.12 0.00	52.89 2.12 0.00	56.93 1.59 0.00	57.57 1.32 0.00
ASTORIA_GT_11 24225	42.41 0.82 -0.01	47.23 1.01 0.00	38.42 0.91 0.00	35.04 0.97 -0.01	35.42 0.89 0.00	35.04 1.02 -0.01	39.33 1.03 0.00	44.37 0.85 0.00	57.40 1.08 0.00	60.77 1.34 0.00	54.26 1.41 0.00	42.92 1.16 0.00	40.24 1.44 0.00	39.92 1.46 0.00	42.77 1.38 0.00	48.63 1.59 0.00	51.89 1.67 0.00	49.13 1.85 0.00	43.53 1.66 0.00	51.58 2.11 0.00	50.34 2.12 0.00	52.89 2.12 0.00	56.93 1.59 0.00	57.57 1.32 0.00
ASTORIA_GT_12 24226	42.41 0.82 -0.01	47.23 1.01 0.00	38.42 0.91 0.00	35.04 0.97 -0.01	35.42 0.89 0.00	35.04 1.02 -0.01	39.33 1.03 0.00	44.37 0.85 0.00	57.40 1.08 0.00	60.77 1.34 0.00	54.26 1.41 0.00	42.92 1.16 0.00	40.24 1.44 0.00	39.92 1.46 0.00	42.77 1.38 0.00	48.63 1.59 0.00	51.89 1.67 0.00	49.13 1.85 0.00	43.53 1.66 0.00	51.58 2.11 0.00	50.34 2.12 0.00	52.89 2.12 0.00	56.93 1.59 0.00	57.57 1.32 0.00
ASTORIA_GT_13 24227	42.41 0.82 -0.01	47.23 1.01 0.00	38.42 0.91 0.00	35.04 0.97 -0.01	35.42 0.89 0.00	35.04 1.02 -0.01	39.33 1.03 0.00	44.37 0.85 0.00	57.40 1.08 0.00	60.77 1.34 0.00	54.26 1.41 0.00	42.92 1.16 0.00	40.24 1.44 0.00	39.92 1.46 0.00	42.77 1.38 0.00	48.63 1.59 0.00	51.89 1.67 0.00	49.13 1.85 0.00	43.53 1.66 0.00	51.58 2.11 0.00	50.34 2.12 0.00	52.89 2.12 0.00	56.93 1.59 0.00	57.57 1.32 0.00
ASTORIA_GT_5 24106	42.23 0.64 -0.01	47.01 0.80 0.00	38.24 0.73 0.00	34.97 0.91 -0.01	35.26 0.73 0.00	34.93 0.90 -0.01	39.18 0.88 0.00	44.31 0.80 0.00	57.30 0.98 0.00	60.71 1.28 0.00	54.43 1.41 -0.17	42.88 1.12 0.00	40.21 1.41 0.00	39.93 1.46 0.00	42.78 1.39 0.00	48.64 1.59 0.00	51.91 1.67 -0.02	49.16 1.89 0.00	45.50 1.69 -1.94	51.73 2.13 -0.14	50.53 2.11 -0.20	53.09 2.12 -0.20	57.16 1.58 -0.23	57.55 1.29 0.00
ASTORIA_GT_7 24107	42.23 0.64 -0.01	47.01 0.80 0.00	38.24 0.73 0.00	34.97 0.91 -0.01	35.26 0.73 0.00	34.93 0.90 -0.01	39.18 0.88 0.00	44.31 0.80 0.00	57.30 0.98 0.00	60.71 1.28 0.00	54.43 1.41 -0.17	42.88 1.12 0.00	40.21 1.41 0.00	39.93 1.46 0.00	42.78 1.39 0.00	48.64 1.59 0.00	51.91 1.67 -0.02	49.16 1.89 0.00	45.50 1.69 -1.94	51.73 2.13 -0.14	50.53 2.11 -0.20	53.09 2.12 -0.20	57.16 1.58 -0.23	57.55 1.29 0.00
ASTORIA_GT_8 24108	42.23 0.64 -0.01	47.01 0.80 0.00	38.24 0.73 0.00	34.97 0.91 -0.01	35.26 0.73 0.00	34.93 0.90 -0.01	39.18 0.88 0.00	44.31 0.80 0.00	57.30 0.98 0.00	60.71 1.28 0.00	54.43 1.41 -0.17	42.88 1.12 0.00	40.21 1.41 0.00	39.93 1.46 0.00	42.78 1.39 0.00	48.64 1.59 0.00	51.91 1.67 -0.02	49.16 1.89 0.00	45.50 1.69 -1.94	51.73 2.13 -0.14	50.53 2.11 -0.20	53.09 2.12 -0.20	57.16 1.58 -0.23	57.55 1.29 0.00
ASTORIA___2 24149	42.16 0.57 -0.01	46.95 0.73 0.00	38.18 0.66 0.00	34.91 0.84 -0.01	35.21 0.68 0.00	34.86 0.84 0.00	39.11 0.82 0.00	44.24 0.72 0.00	57.19 0.87 0.00	60.61 1.18 0.00	54.32 1.30 -0.17	42.80 1.04 0.00	40.14 1.34 0.00	39.85 1.38 0.00	42.70 1.31 0.00	48.53 1.48 0.00	51.79 1.55 -0.02	49.05 1.78 0.00	45.43 1.62 -1.94	51.64 2.03 -0.14	50.43 2.01 -0.20	52.98 2.01 -0.20	57.05 1.47 -0.23	57.43 1.17 0.00
ASTORIA___3 23516	42.41 0.82 -0.01	47.22 1.01 0.00	38.41 0.91 0.00	35.03 0.97 -0.01	35.42 0.89 0.00	35.04 1.02 -0.01	39.33 1.03 0.00	44.37 0.85 0.00	57.40 1.07 0.00	60.77 1.34 0.00	54.26 1.41 0.00	42.93 1.17 0.00	40.25 1.45 0.00	39.93 1.46 0.00	42.76 1.37 0.00	48.63 1.58 0.00	51.89 1.66 0.00	49.12 1.85 0.00	43.53 1.66 0.00	51.59 2.12 0.00	50.34 2.12 0.00	52.87 2.10 0.00	56.94 1.60 0.00	57.57 1.31 0.00
ASTORIA___4 23517	42.41 0.82 -0.01	47.23 1.01 0.00	38.42 0.91 0.00	35.03 0.97 -0.01	35.42 0.89 0.00	35.04 1.02 -0.01	39.33 1.03 0.00	44.37 0.85 0.00	57.40 1.08 0.00	60.77 1.34 0.00	54.26 1.41 0.00	42.92 1.16 0.00	40.24 1.44 0.00	39.92 1.46 0.00	42.77 1.38 0.00	48.63 1.59 0.00	51.89 1.67 0.00	49.13 1.85 0.00	43.53 1.66 0.00	51.58 2.11 0.00	50.34 2.12 0.00	52.89 2.12 0.00	56.93 1.59 0.00	57.57 1.32 0.00
ASTORIA___5 23518	42.41 0.82 -0.01	47.22 1.01 0.00	38.41 0.91 0.00	35.03 0.97 -0.01	35.42 0.89 0.00	35.04 1.02 -0.01	39.33 1.03 0.00	44.37 0.85 0.00	57.40 1.07 0.00	60.77 1.34 0.00	54.26 1.41 0.00	42.94 1.18 0.00	40.25 1.45 0.00	39.93 1.46 0.00	42.76 1.37 0.00	48.63 1.58 0.00	51.89 1.66 0.00	49.12 1.85 0.00	43.53 1.66 0.00	51.59 2.12 0.00	50.34 2.12 0.00	52.87 2.10 0.00	56.94 1.60 0.00	57.57 1.31 0.00
AST_ENERGY_2_CC3 323677	42.19 0.61 0.00	47.04 0.82 0.00	38.25 0.74 0.00	34.87 0.81 0.00	35.28 0.75 0.00	34.88 0.86 0.00	39.18 0.88 0.00	44.28 0.77 0.00	57.25 0.93 0.00	60.58 1.14 0.00	54.06 1.21 0.00	42.78 1.03 0.00	40.11 1.31 0.00	39.80 1.33 0.00	42.61 1.22 0.00	48.47 1.42 0.00	51.72 1.49 0.00	48.94 1.66 0.00	43.40 1.53 0.00	51.47 2.00 0.00	50.23 2.01 0.00	52.77 2.00 0.00	56.83 1.49 0.00	57.46 1.20 0.00
AST_ENERGY_2_CC4 323678	42.19 0.61 0.00	47.04 0.82 0.00	38.25 0.74 0.00	34.87 0.81 0.00	35.28 0.75 0.00	34.88 0.86 0.00	39.18 0.88 0.00	44.28 0.77 0.00	57.25 0.93 0.00	60.58 1.14 0.00	54.06 1.21 0.00	42.78 1.03 0.00	40.11 1.31 0.00	39.80 1.33 0.00	42.61 1.22 0.00	48.47 1.42 0.00	51.72 1.49 0.00	48.94 1.66 0.00	43.40 1.53 0.00	51.47 2.00 0.00	50.23 2.01 0.00	52.77 2.00 0.00	56.83 1.49 0.00	57.46 1.20 0.00

ATHENS_STG_1 23668	41.68 0.10 0.00	46.42 0.21 0.00	37.78 0.28 0.00	34.43 0.37 0.00	34.90 0.37 0.00	34.37 0.35 0.00	38.61 0.32 0.00	43.72 0.21 0.00	56.55 0.23 0.00	59.67 0.23 0.00	53.14 0.29 0.00	42.04 0.28 0.00	39.28 0.48 0.00	38.99 0.52 0.00	41.81 0.41 0.00	47.57 0.52 0.00	50.81 0.59 0.00	47.96 0.69 0.00	42.54 0.67 0.00	50.35 0.88 0.00	49.12 0.91 0.00	51.67 0.90 0.00	55.88 0.54 0.00	56.55 0.29 0.00
ATHENS_STG_2 23670	41.68 0.10 0.00	46.42 0.21 0.00	37.78 0.28 0.00	34.43 0.37 0.00	34.90 0.37 0.00	34.37 0.35 0.00	38.61 0.32 0.00	43.72 0.21 0.00	56.55 0.23 0.00	59.67 0.23 0.00	53.14 0.29 0.00	42.04 0.28 0.00	39.28 0.48 0.00	38.99 0.52 0.00	41.81 0.41 0.00	47.57 0.52 0.00	50.81 0.59 0.00	47.96 0.69 0.00	42.54 0.67 0.00	50.35 0.88 0.00	49.12 0.91 0.00	51.67 0.90 0.00	55.88 0.54 0.00	56.55 0.29 0.00
ATHENS_STG_3 23677	41.68 0.10 0.00	46.42 0.21 0.00	37.78 0.28 0.00	34.43 0.37 0.00	34.90 0.37 0.00	34.37 0.35 0.00	38.61 0.32 0.00	43.72 0.21 0.00	56.55 0.23 0.00	59.67 0.23 0.00	53.14 0.29 0.00	42.04 0.28 0.00	39.28 0.48 0.00	38.99 0.52 0.00	41.81 0.41 0.00	47.57 0.52 0.00	50.81 0.59 0.00	47.96 0.69 0.00	42.54 0.67 0.00	50.35 0.88 0.00	49.12 0.91 0.00	51.67 0.90 0.00	55.88 0.54 0.00	56.55 0.29 0.00
AUBURN___LFGE 323710	41.83 0.25 0.00	46.41 0.20 0.00	37.50 -0.01 0.00	33.91 -0.15 0.00	34.44 -0.09 0.00	34.07 0.05 0.00	38.45 0.15 0.00	43.82 0.30 0.00	56.56 0.24 0.00	59.77 0.34 0.00	53.33 0.48 0.00	41.92 0.17 0.00	38.90 0.10 0.00	38.62 0.15 0.00	41.64 0.25 0.00	47.23 0.18 0.00	50.60 0.38 0.00	47.73 0.46 0.00	42.31 0.44 0.00	50.20 0.73 0.00	48.94 0.73 0.00	51.29 0.52 0.00	55.75 0.41 0.00	56.85 0.59 0.00
BABYLON_RES_REC 323704	42.18 0.60 0.00	47.11 0.90 0.00	38.20 0.70 0.00	34.81 0.75 0.00	35.15 0.62 0.00	34.73 0.72 0.00	39.22 0.93 0.00	44.34 0.83 0.00	57.31 0.99 0.00	61.28 1.56 -0.29	61.36 1.74 -6.77	47.11 1.50 -3.85	43.66 1.83 -3.04	42.95 1.88 -2.61	43.03 1.64 0.00	48.97 1.92 0.00	52.57 2.09 -0.25	54.45 2.16 -5.01	49.44 1.84 -5.74	60.95 2.20 -9.28	59.74 2.39 -9.14	65.53 2.55 -12.21	71.80 2.17 -14.29	61.31 1.85 -3.19
BABYLON__69_KV_BK2 356345	42.47 0.89 0.00	47.41 1.19 0.00	38.44 0.93 0.00	35.03 0.97 0.00	35.35 0.82 0.00	34.93 0.92 0.00	39.48 1.18 0.00	44.65 1.14 0.00	57.72 1.40 0.00	61.77 2.05 -0.28	61.62 2.15 -6.62	47.37 1.85 -3.77	43.95 2.17 -2.97	43.24 2.22 -2.55	43.38 1.99 0.00	49.38 2.33 0.00	52.99 2.52 -0.25	54.81 2.63 -4.91	49.54 2.18 -5.49	61.18 2.64 -9.08	59.97 2.82 -8.93	65.72 3.00 -11.94	71.94 2.63 -13.97	61.69 2.30 -3.13
BALL_HILL_WT_PWR 323825	40.72 -0.86 0.00	44.99 -1.22 0.00	36.21 -1.30 0.00	31.98 -2.08 0.00	32.59 -1.94 0.00	32.39 -1.63 0.00	36.53 -1.76 0.00	41.91 -1.60 0.00	54.48 -1.85 0.00	57.87 -1.57 0.00	51.28 -1.56 0.00	40.27 -1.49 0.00	37.14 -1.66 0.00	36.86 -1.61 0.00	40.46 -0.93 0.00	45.91 -1.14 0.00	48.47 -1.75 0.00	46.24 -1.03 0.00	40.40 -1.47 0.00	48.00 -1.47 0.00	47.00 -1.21 0.00	50.20 -0.57 0.00	55.68 0.34 0.00	57.52 1.26 0.00
BARON_WINDS___WT_PWR 323822	40.49 -1.09 0.00	44.55 -1.66 0.00	35.58 -1.92 0.00	31.95 -2.12 0.00	32.25 -2.28 0.00	31.89 -2.13 0.00	35.91 -2.39 0.00	40.83 -2.68 0.00	52.97 -3.35 0.00	56.12 -3.32 0.00	49.49 -3.35 0.00	39.18 -2.58 0.00	36.19 -2.61 0.00	35.75 -2.72 0.00	38.74 -2.65 0.00	44.05 -3.00 0.00	47.34 -2.88 0.00	45.24 -2.03 0.00	40.03 -1.84 0.00	47.56 -1.91 0.00	46.46 -1.75 0.00	49.18 -1.59 0.00	54.64 -0.70 0.00	56.28 0.02 0.00
BARRETT_IC_1 23704	42.04 0.46 0.00	46.93 0.72 0.00	38.09 0.58 0.00	34.69 0.63 0.00	35.07 0.54 0.00	34.63 0.62 0.00	39.00 0.71 0.00	44.07 0.56 0.00	56.95 0.63 0.00	63.44 1.08 -2.92	124.23 1.15 -70.24	113.39 1.13 -70.51	69.19 1.43 -28.96	64.87 1.48 -24.92	58.03 1.34 -15.29	101.69 1.59 -53.05	124.95 1.65 -73.08	110.21 1.73 -61.21	145.18 1.40 -101.91	145.82 1.74 -94.61	132.40 1.88 -82.31	173.62 1.96 -120.89	202.79 1.51 -145.94	88.21 1.31 -30.64
BARRETT_IC_10 23701	42.04 0.46 0.00	46.93 0.72 0.00	38.09 0.58 0.00	34.69 0.63 0.00	35.07 0.54 0.00	34.63 0.62 0.00	39.00 0.71 0.00	44.07 0.56 0.00	56.95 0.63 0.00	61.49 1.08 -0.97	71.31 1.15 -17.32	66.76 1.13 -23.87	65.16 1.43 -24.93	60.98 1.48 -21.03	58.03 1.34 -15.29	71.12 1.59 -22.49	72.84 1.65 -20.97	78.16 1.73 -29.17	6.51 1.40 36.76	77.89 1.74 -26.68	71.09 1.88 -21.00	86.22 1.96 -33.49	97.20 1.51 -40.35	81.66 1.31 -24.09
BARRETT_IC_11 23702	42.04 0.46 0.00	46.93 0.72 0.00	38.09 0.58 0.00	34.69 0.63 0.00	35.07 0.54 0.00	34.63 0.62 0.00	39.00 0.71 0.00	44.07 0.56 0.00	56.95 0.63 0.00	61.49 1.08 -0.97	71.31 1.15 -17.32	66.76 1.13 -23.87	65.16 1.43 -24.93	60.98 1.48 -21.03	58.03 1.34 -15.29	71.12 1.59 -22.49	72.84 1.65 -20.97	78.16 1.73 -29.17	6.51 1.40 36.76	77.89 1.74 -26.68	71.09 1.88 -21.00	86.22 1.96 -33.49	97.20 1.51 -40.35	81.66 1.31 -24.09
BARRETT_IC_12 23703	42.04 0.46 0.00	46.93 0.72 0.00	38.09 0.58 0.00	34.69 0.63 0.00	35.07 0.54 0.00	34.63 0.62 0.00	39.00 0.71 0.00	44.07 0.56 0.00	56.95 0.63 0.00	61.49 1.08 -0.97	71.31 1.15 -17.32	66.76 1.13 -23.87	65.16 1.43 -24.93	60.98 1.48 -21.03	58.03 1.34 -15.29	71.12 1.59 -22.49	72.84 1.65 -20.97	78.16 1.73 -29.17	6.51 1.40 36.76	77.89 1.74 -26.68	71.09 1.88 -21.00	86.22 1.96 -33.49	97.20 1.51 -40.35	81.66 1.31 -24.09
BARRETT_IC_2 23705	42.04 0.46 0.00	46.93 0.72 0.00	38.09 0.58 0.00	34.69 0.63 0.00	35.07 0.54 0.00	34.63 0.62 0.00	39.00 0.71 0.00	44.07 0.56 0.00	56.95 0.63 0.00	63.44 1.08 -2.92	124.23 1.15 -70.24	113.39 1.13 -70.51	69.19 1.43 -28.96	64.87 1.48 -24.92	58.03 1.34 -15.29	101.69 1.59 -53.05	124.95 1.65 -73.08	110.21 1.73 -61.21	145.18 1.40 -101.91	145.82 1.74 -94.61	132.40 1.88 -82.31	173.62 1.96 -120.89	202.79 1.51 -145.94	88.21 1.31 -30.64
BARRETT_IC_3 23706	42.04 0.46 0.00	46.93 0.72 0.00	38.09 0.58 0.00	34.69 0.63 0.00	35.07 0.54 0.00	34.63 0.62 0.00	39.00 0.71 0.00	44.07 0.56 0.00	56.95 0.63 0.00	63.44 1.08 -2.92	124.23 1.15 -70.24	113.39 1.13 -70.51	69.19 1.43 -28.96	64.87 1.48 -24.92	58.03 1.34 -15.29	101.69 1.59 -53.05	124.95 1.65 -73.08	110.21 1.73 -61.21	145.18 1.40 -101.91	145.82 1.74 -94.61	132.40 1.88 -82.31	173.62 1.96 -120.89	202.79 1.51 -145.94	88.21 1.31 -30.64
BARRETT_IC_4 23707	42.04 0.46 0.00	46.93 0.72 0.00	38.09 0.58 0.00	34.69 0.63 0.00	35.07 0.54 0.00	34.63 0.62 0.00	39.00 0.71 0.00	44.07 0.56 0.00	56.95 0.63 0.00	63.44 1.08 -2.92	124.23 1.15 -70.24	113.39 1.13 -70.51	69.19 1.43 -28.96	64.87 1.48 -24.92	58.03 1.34 -15.29	101.69 1.59 -53.05	124.95 1.65 -73.08	110.21 1.73 -61.21	145.18 1.40 -101.91	145.82 1.74 -94.61	132.40 1.88 -82.31	173.62 1.96 -120.89	202.79 1.51 -145.94	88.21 1.31 -30.64

BARRETT_IC_5 23708	42.04 0.46 0.00	46.93 0.72 0.00	38.09 0.58 0.00	34.69 0.63 0.00	35.07 0.54 0.00	34.63 0.62 0.00	39.00 0.71 0.00	44.07 0.56 0.00	56.95 0.63 0.00	63.44 1.08 -2.92	124.23 1.15 -70.24	113.39 1.13 -70.51	69.19 1.43 -28.96	64.87 1.48 -24.92	58.03 1.34 -15.29	101.69 1.59 -53.05	124.95 1.65 -73.08	110.21 1.73 -61.21	145.18 1.40 -101.91	145.82 1.74 -94.61	132.40 1.88 -82.31	173.62 1.96 -120.89	202.79 1.51 -145.94	88.21 1.31 -30.64
BARRETT_IC_6 23709	42.04 0.46 0.00	46.93 0.72 0.00	38.09 0.58 0.00	34.69 0.63 0.00	35.07 0.54 0.00	34.63 0.62 0.00	39.00 0.71 0.00	44.07 0.56 0.00	56.95 0.63 0.00	63.44 1.08 -2.92	124.23 1.15 -70.24	113.39 1.13 -70.51	69.19 1.43 -28.96	64.87 1.48 -24.92	58.03 1.34 -15.29	101.69 1.59 -53.05	124.95 1.65 -73.08	110.21 1.73 -61.21	145.18 1.40 -101.91	145.82 1.74 -94.61	132.40 1.88 -82.31	173.62 1.96 -120.89	202.79 1.51 -145.94	88.21 1.31 -30.64
BARRETT_IC_7 23710	42.04 0.46 0.00	46.93 0.72 0.00	38.09 0.58 0.00	34.69 0.63 0.00	35.07 0.54 0.00	34.63 0.62 0.00	39.00 0.71 0.00	44.08 0.56 0.00	56.95 0.63 0.00	63.44 1.09 -2.92	124.26 1.17 -70.24	113.41 1.14 -70.51	69.21 1.45 -28.96	64.90 1.52 -24.92	58.04 1.35 -15.29	101.73 1.63 -53.05	125.00 1.70 -73.08	110.24 1.76 -61.21	145.20 1.42 -101.91	145.82 1.74 -94.61	132.40 1.88 -82.31	173.63 1.97 -120.89	202.83 1.54 -145.94	88.24 1.34 -30.64
BARRETT_IC_8 23711	42.04 0.46 0.00	46.93 0.72 0.00	38.09 0.58 0.00	34.69 0.63 0.00	35.07 0.54 0.00	34.63 0.62 0.00	39.00 0.71 0.00	44.07 0.56 0.00	56.95 0.63 0.00	63.44 1.08 -2.92	124.23 1.15 -70.24	113.39 1.13 -70.51	69.19 1.43 -28.96	64.87 1.48 -24.92	58.03 1.34 -15.29	101.69 1.59 -53.05	124.95 1.65 -73.08	110.21 1.73 -61.21	145.18 1.40 -101.91	145.82 1.74 -94.61	132.40 1.88 -82.31	173.62 1.96 -120.89	202.79 1.51 -145.94	88.21 1.31 -30.64
BARRETT_IC_9 23700	42.04 0.46 0.00	46.93 0.72 0.00	38.09 0.58 0.00	34.69 0.63 0.00	35.07 0.54 0.00	34.63 0.62 0.00	39.00 0.71 0.00	44.07 0.56 0.00	56.95 0.63 0.00	61.49 1.08 -0.97	71.31 1.15 -17.32	66.76 1.13 -23.87	65.16 1.43 -24.93	60.98 1.48 -21.03	58.03 1.34 -15.29	71.12 1.59 -22.49	72.84 1.65 -20.97	78.16 1.73 -29.17	6.51 1.40 36.76	77.89 1.74 -26.68	71.09 1.88 -21.00	86.22 1.96 -33.49	97.20 1.51 -40.35	81.66 1.31 -24.09
BARRETT___1 23545	42.04 0.46 0.00	46.93 0.72 0.00	38.09 0.58 0.00	34.69 0.63 0.00	35.07 0.54 0.00	34.63 0.62 0.00	39.00 0.71 0.00	44.07 0.56 0.00	56.95 0.63 0.00	63.44 1.08 -2.92	124.23 1.15 -70.24	113.39 1.13 -70.51	69.19 1.43 -28.96	64.87 1.48 -24.92	58.03 1.34 -15.29	101.69 1.59 -53.05	124.95 1.65 -73.08	110.21 1.73 -61.21	145.18 1.40 -101.91	145.82 1.74 -94.61	132.40 1.88 -82.31	173.62 1.96 -120.89	202.79 1.51 -145.94	88.21 1.31 -30.64
BARRETT___2 23546	42.04 0.46 0.00	46.93 0.72 0.00	38.09 0.58 0.00	34.69 0.63 0.00	35.07 0.54 0.00	34.63 0.62 0.00	39.00 0.71 0.00	44.07 0.56 0.00	56.95 0.63 0.00	61.49 1.08 -0.97	71.31 1.15 -17.32	66.76 1.13 -23.87	65.16 1.43 -24.93	60.98 1.48 -21.03	58.03 1.34 -15.29	71.12 1.59 -22.49	72.84 1.65 -20.97	78.16 1.73 -29.17	6.51 1.40 36.76	77.89 1.74 -26.68	71.09 1.88 -21.00	86.22 1.96 -33.49	97.20 1.51 -40.35	81.66 1.31 -24.09
BATAVIA___115KV_TB1 55881	41.78 0.19 0.00	45.92 -0.30 0.00	36.85 -0.66 0.00	32.90 -1.16 0.00	33.50 -1.03 0.00	33.48 -0.54 0.00	37.77 -0.52 0.00	43.41 -0.10 0.00	56.68 0.36 0.00	60.22 0.78 0.00	53.13 0.28 0.00	41.79 0.03 0.00	38.01 -0.79 0.00	37.70 -0.77 0.00	41.30 -0.09 0.00	46.59 -0.46 0.00	49.68 -0.54 0.00	47.08 -0.19 0.00	41.42 -0.45 0.00	48.72 -0.75 0.00	47.47 -0.75 0.00	50.25 -0.52 0.00	55.92 0.57 0.00	57.53 1.27 0.00
BAYONEEC___CTG1 323682	42.19 0.61 0.00	47.04 0.82 0.00	38.24 0.73 0.00	34.85 0.79 0.00	35.27 0.74 0.00	34.87 0.85 0.00	39.17 0.87 0.00	44.28 0.77 0.00	57.25 0.93 0.00	60.57 1.14 0.00	54.06 1.21 0.00	42.77 1.02 0.00	40.10 1.30 0.00	39.78 1.32 0.00	42.60 1.21 0.00	48.46 1.42 0.00	51.71 1.48 0.00	48.93 1.65 0.00	43.39 1.52 0.00	51.47 2.00 0.00	50.22 2.00 0.00	52.77 2.00 0.00	56.83 1.48 0.00	57.47 1.21 0.00
BAYONEEC___CTG10 323750	42.19 0.61 0.00	47.04 0.82 0.00	38.24 0.73 0.00	34.85 0.79 0.00	35.27 0.74 0.00	34.87 0.85 0.00	39.17 0.87 0.00	44.28 0.77 0.00	57.25 0.93 0.00	60.57 1.14 0.00	54.06 1.21 0.00	42.77 1.02 0.00	40.10 1.30 0.00	39.78 1.32 0.00	42.60 1.21 0.00	48.46 1.42 0.00	51.71 1.48 0.00	48.93 1.65 0.00	43.39 1.52 0.00	51.47 2.00 0.00	50.22 2.00 0.00	52.77 2.00 0.00	56.83 1.48 0.00	57.47 1.21 0.00
BAYONEEC___CTG2 323683	42.19 0.61 0.00	47.04 0.82 0.00	38.24 0.73 0.00	34.85 0.79 0.00	35.27 0.74 0.00	34.87 0.85 0.00	39.17 0.87 0.00	44.28 0.77 0.00	57.25 0.93 0.00	60.57 1.14 0.00	54.06 1.21 0.00	42.77 1.02 0.00	40.10 1.30 0.00	39.78 1.32 0.00	42.60 1.21 0.00	48.46 1.42 0.00	51.71 1.48 0.00	48.93 1.65 0.00	43.39 1.52 0.00	51.47 2.00 0.00	50.22 2.00 0.00	52.77 2.00 0.00	56.83 1.48 0.00	57.47 1.21 0.00
BAYONEEC___CTG3 323684	42.19 0.61 0.00	47.04 0.82 0.00	38.24 0.73 0.00	34.85 0.79 0.00	35.27 0.74 0.00	34.87 0.85 0.00	39.17 0.87 0.00	44.28 0.77 0.00	57.25 0.93 0.00	60.57 1.14 0.00	54.06 1.21 0.00	42.77 1.02 0.00	40.10 1.30 0.00	39.78 1.32 0.00	42.60 1.21 0.00	48.46 1.42 0.00	51.71 1.48 0.00	48.93 1.65 0.00	43.39 1.52 0.00	51.47 2.00 0.00	50.22 2.00 0.00	52.77 2.00 0.00	56.83 1.48 0.00	57.47 1.21 0.00
BAYONEEC___CTG4 323685	42.19 0.61 0.00	47.04 0.82 0.00	38.24 0.73 0.00	34.85 0.79 0.00	35.27 0.74 0.00	34.87 0.85 0.00	39.17 0.87 0.00	44.28 0.77 0.00	57.25 0.93 0.00	60.57 1.14 0.00	54.06 1.21 0.00	42.77 1.02 0.00	40.10 1.30 0.00	39.78 1.32 0.00	42.60 1.21 0.00	48.46 1.42 0.00	51.71 1.48 0.00	48.93 1.65 0.00	43.39 1.52 0.00	51.47 2.00 0.00	50.22 2.00 0.00	52.77 2.00 0.00	56.83 1.48 0.00	57.47 1.21 0.00
BAYONEEC___CTG5 323686	42.19 0.61 0.00	47.04 0.82 0.00	38.24 0.73 0.00	34.85 0.79 0.00	35.27 0.74 0.00	34.87 0.85 0.00	39.17 0.87 0.00	44.28 0.77 0.00	57.25 0.93 0.00	60.57 1.14 0.00	54.06 1.21 0.00	42.77 1.02 0.00	40.10 1.30 0.00	39.78 1.32 0.00	42.60 1.21 0.00	48.46 1.42 0.00	51.71 1.48 0.00	48.93 1.65 0.00	43.39 1.52 0.00	51.47 2.00 0.00	50.22 2.00 0.00	52.77 2.00 0.00	56.83 1.48 0.00	57.47 1.21 0.00
BAYONEEC___CTG6 323687	42.19 0.61 0.00	47.04 0.82 0.00	38.24 0.73 0.00	34.85 0.79 0.00	35.27 0.74 0.00	34.87 0.85 0.00	39.17 0.87 0.00	44.28 0.77 0.00	57.25 0.93 0.00	60.57 1.14 0.00	54.06 1.21 0.00	42.77 1.02 0.00	40.10 1.30 0.00	39.78 1.32 0.00	42.60 1.21 0.00	48.46 1.42 0.00	51.71 1.48 0.00	48.93 1.65 0.00	43.39 1.52 0.00	51.47 2.00 0.00	50.22 2.00 0.00	52.77 2.00 0.00	56.83 1.48 0.00	57.47 1.21 0.00

BAYONEEC___CTG7 323688	42.19 0.61 0.00	47.04 0.82 0.00	38.24 0.73 0.00	34.85 0.79 0.00	35.27 0.74 0.00	34.87 0.85 0.00	39.17 0.87 0.00	44.28 0.77 0.00	57.25 0.93 0.00	60.57 1.14 0.00	54.06 1.21 0.00	42.77 1.02 0.00	40.10 1.30 0.00	39.78 1.32 0.00	42.60 1.21 0.00	48.46 1.42 0.00	51.71 1.48 0.00	48.93 1.65 0.00	43.39 1.52 0.00	51.47 2.00 0.00	50.22 2.00 0.00	52.77 2.00 0.00	56.83 1.48 0.00	57.47 1.21 0.00
BAYONEEC___CTG8 323689	42.19 0.61 0.00	47.04 0.82 0.00	38.24 0.73 0.00	34.85 0.79 0.00	35.27 0.74 0.00	34.87 0.85 0.00	39.17 0.87 0.00	44.28 0.77 0.00	57.25 0.93 0.00	60.57 1.14 0.00	54.06 1.21 0.00	42.77 1.02 0.00	40.10 1.30 0.00	39.78 1.32 0.00	42.60 1.21 0.00	48.46 1.42 0.00	51.71 1.48 0.00	48.93 1.65 0.00	43.39 1.52 0.00	51.47 2.00 0.00	50.22 2.00 0.00	52.77 2.00 0.00	56.83 1.48 0.00	57.47 1.21 0.00
BAYONEEC___CTG9 323749	42.19 0.61 0.00	47.04 0.82 0.00	38.24 0.73 0.00	34.85 0.79 0.00	35.27 0.74 0.00	34.87 0.85 0.00	39.17 0.87 0.00	44.28 0.77 0.00	57.25 0.93 0.00	60.57 1.14 0.00	54.06 1.21 0.00	42.77 1.02 0.00	40.10 1.30 0.00	39.78 1.32 0.00	42.60 1.21 0.00	48.46 1.42 0.00	51.71 1.48 0.00	48.93 1.65 0.00	43.39 1.52 0.00	51.47 2.00 0.00	50.22 2.00 0.00	52.77 2.00 0.00	56.83 1.48 0.00	57.47 1.21 0.00
BEACON___LESR 323632	41.67 0.09 0.00	46.39 0.17 0.00	37.79 0.28 0.00	34.43 0.37 0.00	34.99 0.45 0.00	34.44 0.42 0.00	38.58 0.28 0.00	43.75 0.23 0.00	56.52 0.20 0.00	59.55 0.11 0.00	52.96 0.11 0.00	41.93 0.17 0.00	39.16 0.36 0.00	38.88 0.41 0.00	41.73 0.33 0.00	47.43 0.38 0.00	50.77 0.54 0.00	47.81 0.54 0.00	42.49 0.62 0.00	50.23 0.76 0.00	49.05 0.84 0.00	51.46 0.69 0.00	55.78 0.43 0.00	56.21 -0.05 0.00
BEAVER RIVER___HYD 24048	41.76 0.18 0.00	46.09 -0.12 0.00	37.15 -0.35 0.00	33.71 -0.36 0.00	33.98 -0.55 0.00	32.79 -1.23 0.00	36.93 -1.36 0.00	42.10 -1.41 0.00	54.48 -1.85 0.00	58.00 -1.44 0.00	51.23 -1.62 0.00	40.55 -1.21 0.00	37.31 -1.49 0.00	36.31 -2.16 0.00	38.95 -2.45 0.00	44.75 -2.30 0.00	48.18 -2.04 0.00	47.58 -1.85 -2.16	40.23 -1.64 0.00	47.56 -1.91 0.00	46.80 -1.42 0.00	49.58 -1.19 0.00	53.94 -1.41 0.00	55.10 -1.16 0.00
BEEBEE_GT_13 23619	41.33 -0.25 0.00	45.58 -0.63 0.00	36.69 -0.82 0.00	32.94 -1.12 0.00	33.48 -1.05 0.00	33.32 -0.70 0.00	37.65 -0.65 0.00	43.21 -0.30 0.00	56.29 -0.04 0.00	59.70 0.26 0.00	52.88 0.03 0.00	41.66 -0.10 0.00	38.25 -0.55 0.00	37.93 -0.54 0.00	41.25 -0.14 0.00	46.61 -0.44 0.00	49.73 -0.50 0.00	46.98 -0.29 0.00	41.40 -0.47 0.00	48.76 -0.71 0.00	47.51 -0.70 0.00	50.14 -0.63 0.00	55.35 0.01 0.00	56.67 0.40 0.00
BENSHRST_27_KV_BENSHRST_1 355998	58.14 1.32 -15.24	54.17 1.53 -6.42	53.45 1.30 -14.64	53.40 1.30 -18.04	53.42 1.25 -17.63	53.41 1.41 -17.98	53.51 1.51 -13.71	54.19 1.42 -9.25	59.09 1.76 -1.01	61.64 2.11 -0.10	57.78 2.12 -2.81	57.99 1.74 -14.49	56.70 1.98 -15.92	57.38 1.99 -16.93	56.57 1.95 -13.22	60.46 2.24 -11.17	64.24 2.36 -11.65	60.57 2.51 -10.78	57.57 2.25 -13.45	63.04 2.83 -10.73	65.21 2.80 -14.20	64.48 2.84 -10.87	62.47 2.36 -4.76	63.80 2.10 -5.44
BETHLEHEM___GRP 23843	41.19 -0.39 0.00	45.87 -0.34 0.00	37.38 -0.13 0.00	34.07 0.01 0.00	34.61 0.08 0.00	34.06 0.04 0.00	37.99 -0.30 0.00	42.97 -0.55 0.00	55.54 -0.78 0.00	58.47 -0.97 0.00	52.01 -0.83 0.00	41.21 -0.55 0.00	38.52 -0.29 0.00	38.26 -0.21 0.00	40.96 -0.43 0.00	46.61 -0.44 0.00	49.85 -0.37 0.00	46.97 -0.30 0.00	41.71 -0.16 0.00	49.28 -0.19 0.00	48.03 -0.18 0.00	50.50 -0.27 0.00	54.64 -0.70 0.00	55.24 -1.02 0.00
BETHLEHEM___GS1 323560	41.19 -0.39 0.00	45.87 -0.34 0.00	37.38 -0.13 0.00	34.07 0.01 0.00	34.61 0.08 0.00	34.06 0.04 0.00	38.00 -0.30 0.00	42.96 -0.55 0.00	55.54 -0.78 0.00	58.47 -0.97 0.00	52.02 -0.83 0.00	41.20 -0.56 0.00	38.51 -0.29 0.00	38.26 -0.21 0.00	40.96 -0.43 0.00	46.61 -0.44 0.00	49.85 -0.37 0.00	46.99 -0.29 0.00	41.71 -0.16 0.00	49.28 -0.19 0.00	48.03 -0.18 0.00	50.50 -0.27 0.00	54.65 -0.70 0.00	55.24 -1.02 0.00
BETHLEHEM___GS2 323561	41.19 -0.39 0.00	45.87 -0.34 0.00	37.38 -0.13 0.00	34.07 0.01 0.00	34.61 0.08 0.00	34.06 0.04 0.00	38.00 -0.30 0.00	42.96 -0.55 0.00	55.54 -0.78 0.00	58.47 -0.97 0.00	52.02 -0.83 0.00	41.20 -0.56 0.00	38.51 -0.29 0.00	38.26 -0.21 0.00	40.96 -0.43 0.00	46.61 -0.44 0.00	49.85 -0.37 0.00	46.99 -0.29 0.00	41.71 -0.16 0.00	49.28 -0.19 0.00	48.03 -0.18 0.00	50.50 -0.27 0.00	54.65 -0.70 0.00	55.24 -1.02 0.00
BETHLEHEM___GS3 323562	41.19 -0.39 0.00	45.87 -0.34 0.00	37.38 -0.13 0.00	34.07 0.01 0.00	34.61 0.08 0.00	34.06 0.04 0.00	38.00 -0.30 0.00	42.96 -0.55 0.00	55.54 -0.78 0.00	58.47 -0.97 0.00	52.02 -0.83 0.00	41.20 -0.56 0.00	38.51 -0.29 0.00	38.26 -0.21 0.00	40.96 -0.43 0.00	46.61 -0.44 0.00	49.85 -0.37 0.00	46.99 -0.29 0.00	41.71 -0.16 0.00	49.28 -0.19 0.00	48.03 -0.18 0.00	50.50 -0.27 0.00	54.65 -0.70 0.00	55.24 -1.02 0.00
BETHLEHEM___STEEL 23779	41.14 -0.44 0.00	45.23 -0.99 0.00	36.24 -1.26 0.00	32.28 -1.79 0.00	32.85 -1.68 0.00	32.83 -1.19 0.00	37.07 -1.23 0.00	42.65 -0.87 0.00	55.58 -0.74 0.00	59.04 -0.39 0.00	52.26 -0.59 0.00	41.19 -0.56 0.00	37.72 -1.08 0.00	37.45 -1.02 0.00	40.93 -0.47 0.00	46.09 -0.96 0.00	48.93 -1.29 0.00	46.37 -0.90 0.00	40.65 -1.22 0.00	47.82 -1.66 0.00	46.62 -1.59 0.00	49.48 -1.29 0.00	55.27 -0.07 0.00	57.00 0.74 0.00
BETHLHEM_115KV_TB1 79974	41.28 -0.30 0.00	45.96 -0.25 0.00	37.45 -0.06 0.00	34.14 0.07 0.00	34.66 0.13 0.00	34.12 0.10 0.00	38.10 -0.20 0.00	43.11 -0.40 0.00	55.74 -0.58 0.00	58.68 -0.75 0.00	52.21 -0.64 0.00	41.34 -0.41 0.00	38.63 -0.17 0.00	38.38 -0.09 0.00	41.10 -0.30 0.00	46.77 -0.28 0.00	50.01 -0.21 0.00	47.13 -0.14 0.00	41.83 -0.04 0.00	49.44 -0.03 0.00	48.19 -0.02 0.00	50.67 -0.09 0.00	54.84 -0.50 0.00	55.47 -0.79 0.00
BETHPAGE_CC_5 323564	42.30 0.72 0.00	47.20 0.99 0.00	38.30 0.80 0.00	34.90 0.84 0.00	35.26 0.73 0.00	34.84 0.82 0.00	39.31 1.01 0.00	44.45 0.93 0.00	57.46 1.14 0.00	61.51 1.67 -0.40	64.17 1.81 -9.51	49.86 1.58 -6.53	45.04 1.87 -4.36	44.14 1.93 -3.74	43.81 1.72 -0.70	51.02 1.95 -2.02	55.25 2.11 -2.92	56.92 2.17 -7.49	53.49 1.85 -9.77	64.65 2.22 -12.97	63.00 2.40 -12.38	70.28 2.58 -16.93	77.55 2.23 -19.97	62.75 1.92 -4.57
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	41.21 -0.37 0.00	45.28 -0.93 0.00	36.30 -1.21 0.00	32.31 -1.75 0.00	32.89 -1.64 0.00	32.86 -1.16 0.00	37.11 -1.19 0.00	42.67 -0.84 0.00	55.62 -0.71 0.00	59.05 -0.38 0.00	52.26 -0.58 0.00	41.23 -0.53 0.00	37.76 -1.04 0.00	37.49 -0.98 0.00	40.97 -0.42 0.00	46.15 -0.90 0.00	49.01 -1.22 0.00	46.47 -0.80 0.00	40.77 -1.10 0.00	47.88 -1.59 0.00	46.71 -1.51 0.00	49.56 -1.21 0.00	55.35 0.01 0.00	57.08 0.82 0.00

BINGHAMTON___COGEN 23790	41.45 -0.13 0.00	45.99 -0.23 0.00	37.18 -0.32 0.00	33.64 -0.42 0.00	34.10 -0.43 0.00	33.67 -0.35 0.00	37.98 -0.31 0.00	43.20 -0.31 0.00	55.98 -0.34 0.00	59.19 -0.25 0.00	52.56 -0.29 0.00	41.44 -0.32 0.00	38.53 -0.27 0.00	38.16 -0.31 0.00	41.24 -0.16 0.00	46.82 -0.23 0.00	49.97 -0.26 0.00	47.31 0.04 0.00	41.90 0.03 0.00	49.68 0.21 0.00	48.41 0.19 0.00	50.92 0.15 0.00	55.46 0.11 0.00	56.53 0.27 0.00
BIXINCNT_115KV_LOAD 355685	41.19 -0.39 0.00	45.06 -1.15 0.00	36.30 -1.20 0.00	32.01 -2.06 0.00	32.50 -2.03 0.00	32.24 -1.78 0.00	36.51 -1.79 0.00	41.59 -1.93 0.00	54.07 -2.25 0.00	57.03 -2.41 0.00	50.15 -2.70 0.00	40.31 -1.45 0.00	36.95 -1.85 0.00	36.64 -1.83 0.00	40.22 -1.17 0.00	45.50 -1.55 0.00	48.76 -1.47 0.00	46.42 -0.86 0.00	41.07 -0.80 0.00	46.84 -2.63 0.00	46.06 -2.16 0.00	49.17 -1.60 0.00	55.33 -0.01 0.00	57.34 1.08 0.00
BLACK RIVER___HYD 24047	41.97 0.39 0.00	46.26 0.05 0.00	37.22 -0.29 0.00	33.74 -0.32 0.00	34.14 -0.39 0.00	32.81 -1.21 0.00	37.03 -1.27 0.00	42.32 -1.19 0.00	54.72 -1.60 0.00	58.40 -1.04 0.00	51.40 -1.45 0.00	40.63 -1.13 0.00	37.45 -1.35 0.00	36.01 -2.46 0.00	38.56 -2.83 0.00	44.63 -2.42 0.00	48.38 -1.84 0.00	47.27 -1.51 -1.51	40.54 -1.33 0.00	47.76 -1.71 0.00	47.16 -1.06 0.00	49.94 -0.82 0.00	54.08 -1.26 0.00	55.25 -1.01 0.00
BLACKRVR_115KV_TB2 79977	41.97 0.39 0.00	46.26 0.05 0.00	37.22 -0.29 0.00	33.74 -0.32 0.00	34.14 -0.39 0.00	32.81 -1.21 0.00	37.03 -1.27 0.00	42.32 -1.20 0.00	54.72 -1.60 0.00	58.40 -1.04 0.00	51.40 -1.44 0.00	40.63 -1.13 0.00	37.45 -1.35 0.00	36.01 -2.46 0.00	38.56 -2.83 0.00	44.63 -2.42 0.00	48.38 -1.84 0.00	47.27 -1.51 -1.51	40.54 -1.33 0.00	47.76 -1.71 0.00	47.16 -1.06 0.00	49.94 -0.82 0.00	54.09 -1.26 0.00	55.25 -1.01 0.00
BLISS_WT_PWR 323608	41.11 -0.47 0.00	44.87 -1.34 0.00	36.20 -1.31 0.00	31.80 -2.26 0.00	32.28 -2.25 0.00	31.95 -2.06 0.00	36.21 -2.09 0.00	41.13 -2.38 0.00	53.48 -2.84 0.00	56.31 -3.12 0.00	49.45 -3.39 0.00	39.98 -1.78 0.00	36.66 -2.15 0.00	36.34 -2.13 0.00	39.97 -1.43 0.00	45.26 -1.79 0.00	48.59 -1.63 0.00	46.27 -1.00 0.00	41.01 -0.86 0.00	46.36 -3.10 0.00	45.69 -2.53 0.00	48.89 -1.88 0.00	55.21 -0.13 0.00	57.32 1.06 0.00
BLUESTONE___WT_PWR 323821	43.17 1.59 0.00	47.31 1.09 0.00	37.32 -0.18 0.00	32.60 -1.46 0.00	33.05 -1.48 0.00	32.68 -1.33 0.00	36.71 -1.59 0.00	41.87 -1.65 0.00	54.10 -2.22 0.00	57.02 -2.41 0.00	50.78 -2.07 0.00	40.21 -1.55 0.00	37.24 -1.57 0.00	36.79 -1.68 0.00	39.81 -1.59 0.00	45.31 -1.74 0.00	48.62 -1.61 0.00	46.09 -1.18 0.00	41.09 -0.78 0.00	48.90 -0.57 0.00	47.60 -0.62 0.00	50.16 -0.61 0.00	54.86 -0.48 0.00	56.67 0.41 0.00
BLUE_CIRC_CHEM_DRP 24182	41.73 0.14 0.00	46.46 0.25 0.00	37.83 0.33 0.00	34.47 0.41 0.00	35.00 0.47 0.00	34.45 0.44 0.00	38.59 0.29 0.00	43.71 0.20 0.00	56.51 0.19 0.00	59.48 0.05 0.00	52.85 0.00 0.00	41.81 0.06 0.00	39.02 0.22 0.00	38.74 0.27 0.00	41.48 0.09 0.00	47.30 0.25 0.00	50.58 0.35 0.00	47.66 0.39 0.00	42.31 0.44 0.00	50.01 0.54 0.00	48.75 0.53 0.00	51.27 0.50 0.00	55.53 0.19 0.00	56.22 -0.04 0.00
BOC_GAS_DRP 24189	41.49 -0.09 0.00	46.20 -0.02 0.00	37.61 0.10 0.00	34.27 0.21 0.00	34.77 0.24 0.00	34.22 0.21 0.00	38.37 0.08 0.00	43.46 -0.05 0.00	56.21 -0.11 0.00	59.24 -0.19 0.00	52.69 -0.16 0.00	41.70 -0.06 0.00	38.92 0.12 0.00	38.65 0.18 0.00	41.44 0.05 0.00	47.16 0.11 0.00	50.39 0.17 0.00	47.50 0.23 0.00	42.14 0.27 0.00	49.83 0.36 0.00	48.59 0.38 0.00	51.11 0.34 0.00	55.36 0.01 0.00	56.05 -0.21 0.00
BOONVILLE_115KV_TB1 79983	42.23 0.65 0.00	46.73 0.52 0.00	37.79 0.29 0.00	34.30 0.24 0.00	34.67 0.14 0.00	33.84 -0.18 0.00	38.09 -0.20 0.00	43.34 -0.17 0.00	56.18 -0.14 0.00	59.67 0.24 0.00	52.91 0.07 0.00	41.82 0.07 0.00	38.65 -0.15 0.00	38.14 -0.33 0.00	41.02 -0.37 0.00	46.79 -0.26 0.00	50.09 -0.14 0.00	48.08 -0.03 -0.84	41.83 -0.04 0.00	49.50 0.03 0.00	48.41 0.20 0.00	51.09 0.32 0.00	55.53 0.19 0.00	56.51 0.25 0.00
BORALEX_4TH_BRANCH 23824	41.81 0.23 0.00	46.67 0.45 0.00	38.00 0.50 0.00	34.72 0.66 0.00	35.35 0.82 0.00	34.86 0.84 0.00	39.09 0.79 0.00	44.24 0.73 0.00	57.15 0.83 0.00	59.77 0.33 0.00	53.06 0.21 0.00	42.05 0.30 0.00	39.31 0.51 0.00	39.16 0.70 0.00	41.89 0.49 0.00	47.73 0.68 0.00	51.11 0.88 0.00	48.14 0.87 0.00	42.88 1.01 0.00	50.53 1.06 0.00	49.22 1.01 0.00	51.81 1.04 0.00	55.95 0.60 0.00	56.40 0.14 0.00
BOWLINE___1 23526	41.91 0.32 0.00	46.72 0.50 0.00	37.96 0.45 0.00	34.56 0.50 0.00	34.99 0.46 0.00	34.56 0.55 0.00	38.86 0.56 0.00	43.95 0.43 0.00	56.86 0.54 0.00	60.10 0.66 0.00	53.62 0.77 0.00	42.37 0.61 0.00	39.70 0.90 0.00	39.39 0.92 0.00	42.23 0.83 0.00	48.04 0.99 0.00	51.26 1.03 0.00	48.49 1.22 0.00	43.04 1.17 0.00	51.08 1.61 0.00	49.88 1.67 0.00	52.44 1.67 0.00	56.52 1.18 0.00	57.19 0.93 0.00
BOWLINE___2 23595	41.91 0.32 0.00	46.72 0.50 0.00	37.96 0.45 0.00	34.56 0.50 0.00	34.99 0.46 0.00	34.56 0.55 0.00	38.86 0.56 0.00	43.95 0.43 0.00	56.86 0.54 0.00	60.10 0.66 0.00	53.62 0.77 0.00	42.37 0.61 0.00	39.71 0.91 0.00	39.39 0.92 0.00	42.23 0.83 0.00	48.05 1.00 0.00	51.26 1.03 0.00	48.49 1.22 0.00	43.04 1.17 0.00	51.08 1.61 0.00	49.89 1.68 0.00	52.44 1.67 0.00	56.52 1.18 0.00	57.19 0.93 0.00
BRADY___115KV_TB2 356060	42.90 1.32 0.00	47.66 1.45 0.00	38.64 1.13 0.00	35.08 1.02 0.00	35.51 0.97 0.00	34.92 0.90 0.00	39.48 1.18 0.00	44.95 1.44 0.00	58.09 1.77 0.00	60.87 1.44 0.00	54.09 1.24 0.00	42.71 0.96 0.00	39.40 0.60 0.00	38.96 0.49 0.00	41.77 0.37 0.00	47.54 0.49 0.00	50.84 0.62 0.00	50.29 0.27 -2.75	42.07 0.20 0.00	49.57 0.10 0.00	48.41 0.19 0.00	51.13 0.36 0.00	56.36 1.01 0.00	57.58 1.32 0.00
BRANSCOMB___SOLAR 323811	42.38 0.80 0.00	47.24 1.03 0.00	38.42 0.91 0.00	34.96 0.90 0.00	35.53 1.00 0.00	35.03 1.02 0.00	39.38 1.08 0.00	44.63 1.12 0.00	57.72 1.40 0.00	60.69 1.26 0.00	54.02 1.17 0.00	42.75 0.99 0.00	39.90 1.10 0.00	39.64 1.18 0.00	42.51 1.12 0.00	48.45 1.40 0.00	51.81 1.59 0.00	48.90 1.63 0.00	43.45 1.58 0.00	51.27 1.80 0.00	49.89 1.68 0.00	52.42 1.65 0.00	56.73 1.39 0.00	57.31 1.05 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	42.12 0.54 0.00	47.07 0.85 0.00	38.19 0.69 0.00	34.82 0.76 0.00	35.13 0.60 0.00	34.71 0.69 0.00	39.21 0.92 0.00	44.34 0.83 0.00	57.26 0.94 0.00	61.14 1.55 -0.16	58.14 1.73 -3.57	44.06 1.47 -0.83	42.32 1.83 -1.69	41.80 1.89 -1.45	42.34 1.58 0.62	46.85 1.91 2.12	49.59 2.02 2.66	51.69 2.13 -2.28	44.61 1.74 -1.00	56.52 2.07 -4.97	55.89 2.37 -5.31	60.00 2.55 -6.68	65.14 2.16 -7.64	59.86 1.83 -1.77

BRISTLHL_115KV_TB1 79998	40.95 -0.63 0.00	45.42 -0.80 0.00	36.80 -0.71 0.00	33.34 -0.72 0.00	33.83 -0.70 0.00	33.39 -0.63 0.00	37.63 -0.67 0.00	42.84 -0.68 0.00	55.55 -0.77 0.00	58.74 -0.70 0.00	52.22 -0.62 0.00	41.17 -0.58 0.00	38.22 -0.57 0.00	37.87 0.00	40.81 -0.58 0.00	46.39 -0.66 0.00	49.58 -0.65 0.00	46.77 -0.50 0.00	41.38 -0.49 0.00	48.90 -0.57 0.00	47.65 -0.57 0.00	50.13 -0.64 0.00	54.63 -0.71 0.00	55.56 -0.70 0.00
BROOKHAVEN___DRP 24191	41.44 -0.14 0.00	46.29 0.08 0.00	37.56 0.05 0.00	34.30 0.24 0.00	34.53 0.00 0.00	34.05 0.03 0.00	38.57 0.28 0.00	43.59 0.08 0.00	56.14 -0.19 0.00	60.01 0.45 -0.12	56.25 0.67 -2.73	42.46 0.68 -0.02	41.26 1.15 -1.31	40.78 1.18 -1.13	41.40 0.81 0.81	45.46 1.11 2.70	47.83 1.06 3.45	50.04 1.22 -1.55	42.55 0.97 0.28	54.48 1.17 -3.84	54.07 1.55 -4.31	57.81 1.81 -5.23	62.55 1.31 -5.89	58.62 0.98 -1.38
BROOKLYN_NAVY_YARD 23515	42.07 0.49 0.00	46.87 0.66 0.01	38.11 0.61 0.01	34.75 0.68 0.00	35.16 0.63 0.00	34.77 0.75 0.00	39.04 0.75 0.01	44.18 0.67 0.00	57.16 0.84 0.00	60.47 1.03 0.00	54.18 1.11 -0.22	42.73 0.97 0.00	40.06 1.26 0.00	39.71 1.24 0.00	42.51 1.12 0.00	48.35 1.30 0.00	51.62 1.38 -0.02	48.82 1.55 0.00	44.83 1.40 -1.57	51.41 1.83 -0.11	50.22 1.85 -0.16	52.76 1.83 -0.16	56.83 1.30 -0.19	57.29 1.03 0.01
BROOKLYN___ARMY_DRP 323595	57.94 1.12 -15.24	53.96 1.32 -6.42	53.28 1.13 -14.64	53.27 1.16 -18.04	53.27 1.10 -17.63	53.26 1.26 -17.98	53.34 1.34 -13.71	53.97 1.21 -9.25	58.82 1.49 -1.01	61.32 1.79 -0.10	57.48 1.83 -2.81	57.75 1.50 -14.49	56.48 1.76 -15.92	57.17 1.78 -16.93	56.33 1.72 -13.22	60.19 1.97 -11.17	63.96 2.08 -11.65	60.29 2.23 -10.78	57.32 2.00 -13.45	62.74 2.53 -10.73	64.94 2.53 -14.20	64.19 2.54 -10.87	62.17 2.06 -4.76	63.49 1.79 -5.44
BROOKVLE_69_KV_TB1 55790	42.50 0.91 0.00	47.40 1.19 0.00	38.47 0.96 0.00	35.05 0.99 0.00	35.44 0.90 0.00	35.02 1.00 0.00	39.46 1.16 0.00	44.60 1.09 0.00	57.71 1.40 0.00	61.94 1.80 -0.70	71.59 1.85 -16.89	56.10 1.60 -12.74	48.21 1.85 -7.56	46.84 1.89 -6.48	45.01 1.76 -1.86	54.88 2.07 -5.77	60.55 2.24 -8.09	63.09 2.30 -13.52	64.92 2.00 -21.05	74.80 2.49 -22.85	72.21 2.56 -21.44	83.11 2.63 -29.71	92.80 2.24 -35.23	66.15 1.97 -7.91
BROOME_2_LFGE 323671	41.45 -0.13 0.00	45.99 -0.22 0.00	37.18 -0.32 0.00	33.64 -0.42 0.00	34.10 -0.43 0.00	33.67 -0.35 0.00	37.98 -0.31 0.00	43.20 -0.31 0.00	55.97 -0.35 0.00	59.19 -0.25 0.00	52.56 -0.28 0.00	41.44 -0.31 0.00	38.53 -0.27 0.00	38.16 -0.31 0.00	41.24 -0.16 0.00	46.82 -0.22 0.00	49.97 -0.25 0.00	47.31 0.04 0.00	41.91 0.04 0.00	49.68 0.21 0.00	48.40 0.19 0.00	50.92 0.15 0.00	55.46 0.12 0.00	56.53 0.27 0.00
BROOME___LFGE 323600	41.45 -0.13 0.00	45.99 -0.22 0.00	37.18 -0.32 0.00	33.64 -0.42 0.00	34.10 -0.43 0.00	33.67 -0.35 0.00	37.98 -0.31 0.00	43.20 -0.31 0.00	55.97 -0.35 0.00	59.19 -0.25 0.00	52.56 -0.28 0.00	41.44 -0.31 0.00	38.53 -0.27 0.00	38.16 -0.31 0.00	41.24 -0.16 0.00	46.82 -0.22 0.00	49.97 -0.25 0.00	47.31 0.04 0.00	41.91 0.04 0.00	49.68 0.21 0.00	48.40 0.19 0.00	50.92 0.15 0.00	55.46 0.12 0.00	56.53 0.27 0.00
BROWNFLS_115KV_TB_3_5 80003	41.41 -0.17 0.00	45.83 -0.38 0.00	37.04 -0.47 0.00	33.62 -0.44 0.00	33.94 -0.59 0.00	32.99 -1.03 0.00	37.23 -1.07 0.00	42.41 -1.10 0.00	54.84 -1.48 0.00	57.96 -1.48 0.00	51.32 -1.53 0.00	40.61 -1.15 0.00	37.39 -1.40 0.00	36.61 -1.86 0.00	39.26 -2.13 0.00	44.94 -2.11 0.00	48.22 -2.01 0.00	49.11 -2.02 -3.86	40.07 -1.80 0.00	47.30 -2.17 0.00	46.42 -1.80 0.00	49.12 -1.65 0.00	53.77 -1.57 0.00	54.96 -1.30 0.00
BROWNSV1_27_KV_LOAD 356125	42.58 1.01 0.00	47.46 1.24 0.00	38.56 1.06 0.00	35.13 1.07 0.00	35.55 1.02 0.00	35.15 1.13 0.00	39.50 1.21 0.00	44.67 1.16 0.00	57.78 1.46 0.00	61.18 1.74 0.00	54.60 1.75 0.00	43.22 1.46 0.00	40.52 1.72 0.00	40.19 1.72 0.00	43.05 1.65 0.00	48.97 1.92 0.00	52.26 2.03 0.00	49.45 2.18 0.00	43.84 1.97 0.00	52.01 2.54 0.00	50.74 2.52 0.00	53.31 2.54 0.00	57.41 2.07 0.00	58.05 1.79 0.00
BURROWS___LYONSDAL 23803	42.11 0.53 0.00	46.56 0.34 0.00	37.62 0.11 0.00	34.14 0.07 0.00	34.45 -0.08 0.00	33.50 -0.51 0.00	37.69 -0.60 0.00	42.91 -0.60 0.00	55.59 -0.73 0.00	59.12 -0.31 0.00	52.38 -0.47 0.00	41.41 -0.35 0.00	38.21 -0.59 0.00	37.59 -0.88 0.00	40.41 -0.99 0.00	46.17 -0.88 0.00	49.47 -0.75 0.00	47.76 -0.61 -1.10	41.32 -0.55 0.00	48.91 -0.56 0.00	47.93 -0.29 0.00	50.63 -0.13 0.00	55.05 -0.30 0.00	56.09 -0.17 0.00
CAITHNESS_CC_1 323624	41.48 -0.10 0.00	46.34 0.13 0.00	37.60 0.09 0.00	34.34 0.28 0.00	34.57 0.04 0.00	34.12 0.10 0.00	38.61 0.32 0.00	43.65 0.13 0.00	56.23 -0.09 0.00	60.08 0.53 -0.12	56.32 0.77 -2.71	42.51 0.74 -0.01	41.31 1.21 -1.30	40.83 1.24 -1.12	41.45 0.87 0.81	45.48 1.14 2.72	47.88 1.12 3.47	50.07 1.26 -1.54	42.59 1.04 0.31	54.52 1.23 -3.82	54.10 1.60 -4.29	57.80 1.83 -5.20	62.57 1.37 -5.85	58.66 1.03 -1.37
CALPINE BETH_PAGE_GT4 24209	42.34 0.75 0.00	47.25 1.03 0.00	38.34 0.83 0.00	34.93 0.87 0.00	35.29 0.76 0.00	34.87 0.86 0.00	39.35 1.05 0.00	44.47 0.96 0.00	57.51 1.19 0.00	61.67 1.73 -0.51	66.65 1.85 -11.96	52.21 1.60 -8.86	46.18 1.90 -5.48	45.12 1.95 -4.70	44.39 1.76 -1.25	52.66 1.91 -3.70	57.46 2.06 -5.18	59.03 2.14 -9.62	57.10 1.80 -13.43	67.90 2.18 -16.25	65.87 2.36 -15.29	74.53 2.61 -21.15	82.63 2.25 -25.04	63.94 1.95 -5.73
CALPINE_BETH_PAGE_GT_4 323586	42.34 0.75 0.00	47.24 1.03 0.00	38.34 0.83 0.00	34.93 0.87 0.00	35.29 0.76 0.00	34.87 0.86 0.00	39.34 1.05 0.00	44.48 0.96 0.00	57.51 1.19 0.00	61.65 1.72 -0.51	66.66 1.86 -11.96	52.21 1.60 -8.86	46.18 1.90 -5.48	45.12 1.96 -4.70	44.38 1.75 -1.25	52.66 1.91 -3.70	57.46 2.06 -5.18	59.01 2.12 -9.62	57.11 1.82 -13.43	67.90 2.18 -16.25	65.88 2.37 -15.29	74.53 2.61 -21.15	82.65 2.27 -25.04	63.96 1.97 -5.73
CALPINE_BP_GT1 23823	42.34 0.75 0.00	47.24 1.03 0.00	38.34 0.83 0.00	34.93 0.87 0.00	35.29 0.76 0.00	34.87 0.86 0.00	39.34 1.05 0.00	44.48 0.96 0.00	57.51 1.19 0.00	61.65 1.72 -0.51	66.66 1.86 -11.96	52.21 1.60 -8.86	46.18 1.90 -5.48	45.12 1.96 -4.70	44.38 1.75 -1.25	52.66 1.91 -3.70	57.46 2.06 -5.18	59.01 2.12 -9.62	57.11 1.82 -13.43	67.90 2.18 -16.25	65.88 2.37 -15.29	74.53 2.61 -21.15	82.65 2.27 -25.04	63.96 1.97 -5.73
CALSPAN___DRP 24200	41.14 -0.44 0.00	45.23 -0.99 0.00	36.24 -1.26 0.00	32.28 -1.79 0.00	32.85 -1.68 0.00	32.83 -1.19 0.00	37.07 -1.23 0.00	42.65 -0.87 0.00	55.58 -0.74 0.00	59.04 -0.39 0.00	52.26 -0.59 0.00	41.19 -0.56 0.00	37.72 -1.08 0.00	37.45 -1.02 0.00	40.93 -0.47 0.00	46.09 -0.96 0.00	48.93 -1.29 0.00	46.37 -0.90 0.00	40.65 -1.22 0.00	47.82 -1.66 0.00	46.62 -1.59 0.00	49.48 -1.29 0.00	55.27 -0.07 0.00	57.00 0.74 0.00

CALVERTON___SOLAR 323806	41.44 -0.14 0.00	46.30 0.08 0.00	37.56 0.05 0.00	34.30 0.24 0.00	34.52 -0.02 0.00	33.98 -0.04 0.00	38.53 0.24 0.00	43.57 0.06 0.00	56.06 -0.26 0.00	59.98 0.42 -0.12	56.21 0.63 -2.73	42.42 0.63 -0.03	41.24 1.13 -1.32	40.77 1.18 -1.13	41.36 0.78 0.81	45.44 1.09 2.70	47.80 1.02 3.45	50.00 1.17 -1.56	42.55 0.95 0.27	54.47 1.15 -3.85	54.10 1.57 -4.32	57.86 1.85 -5.24	62.62 1.37 -5.91	58.67 1.03 -1.38
CANDIGU_WT_PWR 323617	40.49 -1.09 0.00	44.55 -1.66 0.00	35.58 -1.92 0.00	31.95 -2.12 0.00	32.25 -2.28 0.00	31.89 -2.13 0.00	35.91 -2.39 0.00	40.83 -2.68 0.00	52.97 -3.35 0.00	56.12 -3.32 0.00	49.49 -3.35 0.00	39.18 -2.58 0.00	36.19 -2.61 0.00	35.75 -2.72 0.00	38.74 -2.65 0.00	44.05 -3.00 0.00	47.34 -2.88 0.00	45.24 -2.03 0.00	40.03 -1.84 0.00	47.56 -1.91 0.00	46.46 -1.75 0.00	49.18 -1.59 0.00	54.64 -0.70 0.00	56.28 0.02 0.00
CARR STREET_E__SYR 24060	41.29 -0.29 0.00	45.79 -0.43 0.00	37.09 -0.41 0.00	33.59 -0.47 0.00	34.08 -0.45 0.00	33.65 -0.37 0.00	37.93 -0.37 0.00	43.19 -0.32 0.00	56.01 -0.32 0.00	59.23 -0.21 0.00	52.66 -0.19 0.00	41.53 -0.22 0.00	38.51 -0.29 0.00	38.20 -0.27 0.00	41.19 -0.21 0.00	46.80 -0.25 0.00	50.02 -0.20 0.00	47.16 -0.11 0.00	41.73 -0.14 0.00	49.34 -0.13 0.00	48.08 -0.13 0.00	50.59 -0.18 0.00	55.14 -0.20 0.00	56.08 -0.18 0.00
CARTHAGE___PAPER 23857	42.15 0.57 0.00	46.49 0.28 0.00	37.45 -0.06 0.00	33.97 -0.09 0.00	34.31 -0.23 0.00	33.05 -0.97 0.00	37.27 -1.03 0.00	42.54 -0.97 0.00	55.02 -1.30 0.00	58.65 -0.79 0.00	51.72 -1.13 0.00	40.91 -0.85 0.00	37.66 -1.14 0.00	36.41 -2.06 0.00	39.03 -2.36 0.00	45.03 -2.02 0.00	48.63 -1.59 0.00	47.68 -1.35 -1.76	40.67 -1.20 0.00	48.05 -1.42 0.00	47.30 -0.91 0.00	50.09 -0.68 0.00	54.40 -0.94 0.00	55.58 -0.68 0.00
CASSADAGA_WT_PWR 323784	40.49 -1.10 0.00	44.68 -1.53 0.00	36.10 -1.41 0.00	31.51 -2.55 0.00	32.09 -2.44 0.00	31.77 -2.25 0.00	35.71 -2.59 0.00	41.03 -2.48 0.00	53.42 -2.90 0.00	56.37 -3.07 0.00	50.61 -2.24 0.00	39.57 -2.18 0.00	36.58 -2.22 0.00	36.37 -2.11 0.00	40.27 -1.12 0.00	45.90 -1.15 0.00	48.29 -1.93 0.00	46.47 -0.81 0.00	40.06 -1.81 0.00	47.62 -1.85 0.00	47.07 -1.14 0.00	50.89 0.12 0.00	56.62 1.27 0.00	58.53 2.27 0.00
CE_DUNWOOD___DRP 24194	42.14 0.55 0.00	46.97 0.75 0.00	38.18 0.67 0.00	34.78 0.72 0.00	35.21 0.68 0.00	34.79 0.77 0.00	39.11 0.81 0.00	44.22 0.71 0.00	57.20 0.88 0.00	60.51 1.07 0.00	53.97 1.12 0.00	42.68 0.92 0.00	40.00 1.19 0.00	39.69 1.22 0.00	42.52 1.13 0.00	48.38 1.33 0.00	51.64 1.41 0.00	48.85 1.57 0.00	43.35 1.48 0.00	51.40 1.93 0.00	50.16 1.95 0.00	52.73 1.96 0.00	56.84 1.49 0.00	57.45 1.19 0.00
CE_MILLWOOD___DRP 24193	42.04 0.46 0.00	46.86 0.65 0.00	38.08 0.58 0.00	34.69 0.63 0.00	35.12 0.59 0.00	34.69 0.68 0.00	39.00 0.70 0.00	44.11 0.59 0.00	57.05 0.73 0.00	60.34 0.90 0.00	53.80 0.96 0.00	42.55 0.80 0.00	39.87 1.07 0.00	39.56 1.09 0.00	42.39 0.99 0.00	48.23 1.18 0.00	51.48 1.25 0.00	48.69 1.42 0.00	43.20 1.34 0.00	51.25 1.78 0.00	50.04 1.82 0.00	52.59 1.82 0.00	56.69 1.34 0.00	57.31 1.05 0.00
CE_NYC2_DRP 24202	42.43 0.84 -0.01	47.25 1.04 0.00	38.43 0.92 0.00	35.04 0.97 -0.01	35.44 0.91 0.00	35.06 1.03 -0.01	39.36 1.06 0.00	44.41 0.90 0.00	57.44 1.12 0.00	60.83 1.39 0.00	54.31 1.46 0.00	42.96 1.20 0.00	40.28 1.48 0.00	39.96 1.49 0.00	42.81 1.42 0.00	48.68 1.63 0.00	51.94 1.72 0.00	49.17 1.90 0.00	43.57 1.70 0.00	51.65 2.18 0.00	50.38 2.17 0.00	52.94 2.17 0.00	57.00 1.66 0.00	57.64 1.38 0.00
CE_NYC_DRP 24195	42.27 0.69 0.00	47.13 0.91 0.00	38.32 0.81 0.00	34.91 0.85 0.00	35.34 0.80 0.00	34.93 0.91 0.00	39.24 0.95 0.00	44.37 0.85 0.00	57.37 1.05 0.00	60.72 1.28 0.00	54.18 1.33 0.00	42.86 1.11 0.00	40.18 1.39 0.00	39.87 1.40 0.00	42.70 1.31 0.00	48.56 1.52 0.00	51.82 1.60 0.00	49.03 1.76 0.00	43.48 1.61 0.00	51.57 2.11 0.00	50.32 2.11 0.00	52.87 2.10 0.00	56.95 1.61 0.00	57.57 1.31 0.00
CHAFFEE___LFGE 323603	41.00 -0.58 0.00	45.43 -0.79 0.00	36.50 -1.00 0.00	32.71 -1.35 0.00	33.23 -1.30 0.00	33.18 -0.84 0.00	37.51 -0.79 0.00	42.97 -0.55 0.00	55.91 -0.41 0.00	59.15 -0.28 0.00	52.12 -0.72 0.00	40.98 -0.77 0.00	37.65 -1.16 0.00	37.33 -1.14 0.00	40.57 -0.82 0.00	45.81 -1.24 0.00	48.89 -1.33 0.00	46.61 -0.67 0.00	41.12 -0.75 0.00	48.73 -0.74 0.00	47.64 -0.57 0.00	50.26 -0.51 0.00	55.29 -0.05 0.00	56.93 0.67 0.00
CHATEAUG_35_KV_LOAD 355732	42.93 1.35 0.00	47.71 1.49 0.00	38.33 0.82 0.00	34.80 0.74 0.00	35.41 0.88 0.00	34.48 0.47 0.00	39.00 0.71 0.00	44.33 0.81 0.00	57.57 1.25 0.00	60.48 1.05 0.00	53.67 0.83 0.00	42.53 0.77 0.00	39.12 0.32 0.00	38.34 -0.13 0.00	41.24 -0.15 0.00	46.84 -0.21 0.00	49.50 -0.72 0.00	8.49 -1.53 37.26	40.72 -1.14 0.00	48.37 -1.10 0.00	46.59 -1.63 0.00	49.19 -1.59 0.00	55.00 -0.35 0.00	56.41 0.15 0.00
CHATEAUG_WT_PWR 323614	42.88 1.30 0.00	47.66 1.45 0.00	38.30 0.79 0.00	34.77 0.71 0.00	35.39 0.85 0.00	34.48 0.47 0.00	38.97 0.67 0.00	44.28 0.76 0.00	57.50 1.18 0.00	60.42 0.98 0.00	53.62 0.77 0.00	42.47 0.72 0.00	39.09 0.29 0.00	38.34 -0.13 0.00	41.22 -0.18 0.00	46.84 -0.21 0.00	49.51 -0.72 0.00	11.57 -1.48 34.22	40.78 -1.09 0.00	48.47 -1.00 0.00	46.68 -1.53 0.00	49.28 -1.49 0.00	55.04 -0.30 0.00	56.45 0.18 0.00
CHAT_HIGH_FALL_HYD 323578	42.93 1.35 0.00	47.71 1.49 0.00	38.33 0.82 0.00	34.80 0.74 0.00	35.41 0.88 0.00	34.48 0.47 0.00	39.00 0.71 0.00	44.33 0.81 0.00	57.57 1.25 0.00	60.48 1.05 0.00	53.67 0.83 0.00	42.53 0.77 0.00	39.12 0.32 0.00	38.34 -0.13 0.00	41.24 -0.15 0.00	46.84 -0.21 0.00	49.50 -0.72 0.00	8.49 -1.53 37.26	40.72 -1.14 0.00	48.37 -1.10 0.00	46.59 -1.63 0.00	49.19 -1.59 0.00	55.00 -0.35 0.00	56.41 0.15 0.00
CHAUTAUQUA___LFGE 323629	40.74 -0.84 0.00	45.04 -1.18 0.00	36.29 -1.22 0.00	31.96 -2.10 0.00	32.56 -1.97 0.00	32.32 -1.70 0.00	36.44 -1.85 0.00	41.80 -1.71 0.00	54.33 -1.99 0.00	57.68 -1.76 0.00	51.27 -1.58 0.00	40.21 -1.55 0.00	37.10 -1.70 0.00	36.82 -1.64 0.00	40.53 -0.86 0.00	46.07 -0.98 0.00	48.51 -1.71 0.00	46.43 -0.84 0.00	40.48 -1.39 0.00	48.15 -1.32 0.00	47.22 -1.00 0.00	50.59 -0.18 0.00	56.10 0.75 0.00	57.94 1.68 0.00
CHERRYST_13_KV_LD 356241	42.39 0.81 0.00	47.25 1.03 0.00	38.41 0.91 0.00	35.00 0.94 0.00	35.42 0.89 0.00	35.02 1.01 0.00	39.36 1.06 0.00	44.50 0.98 0.00	57.54 1.22 0.00	60.91 1.48 0.00	54.34 1.49 0.00	42.99 1.24 0.00	40.30 1.50 0.00	39.99 1.52 0.00	42.82 1.43 0.00	48.71 1.66 0.00	51.98 1.75 0.00	49.19 1.92 0.00	43.61 1.74 0.00	51.73 2.26 0.00	50.47 2.25 0.00	53.02 2.25 0.00	57.10 1.76 0.00	57.74 1.48 0.00

CHESTROR_138KV_BK263 355645	41.86 0.28 0.00	46.64 0.43 0.00	37.89 0.38 0.00	34.49 0.43 0.00	34.93 0.40 0.00	34.48 0.47 0.00	38.78 0.49 0.00	43.88 0.37 0.00	56.78 0.46 0.00	60.02 0.58 0.00	53.52 0.67 0.00	42.29 0.54 0.00	39.59 0.79 0.00	39.28 0.81 0.00	42.12 0.73 0.00	47.94 0.89 0.00	51.17 0.95 0.00	48.37 1.10 0.00	42.91 1.04 0.00	50.90 1.43 0.00	49.69 1.48 0.00	52.24 1.47 0.00	56.39 1.05 0.00	57.07 0.81 0.00
CH_MIDHUDSON___DRP 24192	42.13 0.55 0.00	46.94 0.72 0.00	38.15 0.64 0.00	34.75 0.68 0.00	35.20 0.67 0.00	34.76 0.74 0.00	39.09 0.79 0.00	44.25 0.74 0.00	57.28 0.96 0.00	60.53 1.09 0.00	53.94 1.09 0.00	42.69 0.93 0.00	39.96 1.16 0.00	39.66 1.19 0.00	42.51 1.12 0.00	48.38 1.33 0.00	51.66 1.44 0.00	48.85 1.58 0.00	43.36 1.49 0.00	51.39 1.92 0.00	50.12 1.90 0.00	52.66 1.89 0.00	56.80 1.46 0.00	57.41 1.15 0.00
CH_MISC_IPPS 23765	42.34 0.76 0.00	47.16 0.95 0.00	38.33 0.82 0.00	34.89 0.83 0.00	35.34 0.81 0.00	34.90 0.89 0.00	39.27 0.97 0.00	44.47 0.95 0.00	57.58 1.26 0.00	60.86 1.42 0.00	54.27 1.42 0.00	42.94 1.18 0.00	40.19 1.39 0.00	39.88 1.41 0.00	42.76 1.37 0.00	48.66 1.62 0.00	51.96 1.74 0.00	49.16 1.89 0.00	43.61 1.74 0.00	51.72 2.25 0.00	50.44 2.23 0.00	52.99 2.22 0.00	57.14 1.80 0.00	57.76 1.50 0.00
CH_RES_BVR_FALLS 23983	41.84 0.26 0.00	46.44 0.23 0.00	37.66 0.16 0.00	34.15 0.09 0.00	34.51 -0.02 0.00	33.85 -0.16 0.00	38.07 -0.23 0.00	43.36 -0.15 0.00	56.00 -0.32 0.00	58.95 -0.49 0.00	52.26 -0.58 0.00	41.34 -0.42 0.00	38.24 -0.56 0.00	37.85 -0.62 0.00	40.77 -0.63 0.00	46.30 -0.75 0.00	49.39 -0.83 0.00	46.24 -1.03 0.00	40.89 -0.98 0.00	48.22 -1.25 0.00	47.11 -1.11 0.00	49.78 -0.99 0.00	54.73 -0.61 0.00	55.97 -0.29 0.00
CH_RES_NIAGARA 23895	40.35 -1.23 0.00	44.29 -1.93 0.00	35.47 -2.04 0.00	31.57 -2.49 0.00	32.14 -2.39 0.00	32.17 -1.85 0.00	36.32 -1.98 0.00	41.91 -1.61 0.00	54.72 -1.60 0.00	58.11 -1.33 0.00	51.43 -1.42 0.00	40.55 -1.21 0.00	37.09 -1.71 0.00	36.81 -1.66 0.00	40.21 -1.18 0.00	45.23 -1.82 0.00	47.99 -2.24 0.00	45.35 -1.93 0.00	39.70 -2.17 0.00	46.61 -2.86 0.00	45.41 -2.81 0.00	48.18 -2.59 0.00	53.99 -1.35 0.00	55.73 -0.53 0.00
CH_RES_SYRACUSE 23985	41.51 -0.07 0.00	46.05 -0.16 0.00	37.30 -0.21 0.00	33.78 -0.28 0.00	34.28 -0.25 0.00	33.84 -0.17 0.00	38.17 -0.12 0.00	43.47 -0.04 0.00	56.31 -0.01 0.00	59.54 0.10 0.00	52.95 0.11 0.00	41.74 -0.02 0.00	38.72 -0.08 0.00	38.41 -0.06 0.00	41.40 0.01 0.00	47.05 0.00 0.00	50.28 0.06 0.00	47.42 0.14 0.00	41.97 0.10 0.00	49.67 0.20 0.00	48.39 0.18 0.00	50.87 0.10 0.00	55.41 0.07 0.00	56.38 0.12 0.00
CLINTON_WT_PWR 323605	42.88 1.30 0.00	47.66 1.45 0.00	38.30 0.79 0.00	34.77 0.71 0.00	35.39 0.85 0.00	34.48 0.47 0.00	38.97 0.67 0.00	44.28 0.76 0.00	57.50 1.18 0.00	60.42 0.98 0.00	53.62 0.77 0.00	42.47 0.72 0.00	39.09 0.29 0.00	38.34 -0.13 0.00	41.22 -0.18 0.00	46.84 -0.21 0.00	49.51 -0.72 0.00	11.57 -1.48 34.22	40.78 -1.09 0.00	48.47 -1.00 0.00	46.68 -1.53 0.00	49.28 -1.49 0.00	55.04 -0.30 0.00	56.45 0.18 0.00
CLINTON___LFGE 323618	43.62 2.04 0.00	48.51 2.30 0.00	38.96 1.46 0.00	35.38 1.32 0.00	36.01 1.48 0.00	35.13 1.12 0.00	39.70 1.40 0.00	45.05 1.53 0.00	58.50 2.18 0.00	61.39 1.96 0.00	54.51 1.67 0.00	43.21 1.45 0.00	39.80 1.00 0.00	39.07 0.60 0.00	42.00 0.60 0.00	47.69 0.64 0.00	50.51 0.28 0.00	12.42 -0.63 34.22	41.60 -0.27 0.00	49.33 -0.14 0.00	47.61 -0.61 0.00	50.24 -0.53 0.00	55.94 0.60 0.00	57.34 1.09 0.00
COBBLENY_34_KV_TB1 80064	41.00 -0.58 0.00	45.43 -0.79 0.00	36.51 -1.00 0.00	32.71 -1.35 0.00	33.22 -1.31 0.00	33.18 -0.84 0.00	37.50 -0.79 0.00	42.97 -0.54 0.00	55.91 -0.41 0.00	59.14 -0.29 0.00	52.12 -0.72 0.00	41.00 -0.76 0.00	37.65 -1.16 0.00	37.33 -1.14 0.00	40.58 -0.81 0.00	45.81 -1.24 0.00	48.90 -1.33 0.00	46.62 -0.65 0.00	41.15 -0.72 0.00	48.74 -0.73 0.00	47.65 -0.56 0.00	50.27 -0.50 0.00	55.30 -0.04 0.00	56.94 0.68 0.00
COFFEEN___115KV_TB3 355620	42.12 0.54 0.00	46.43 0.22 0.00	37.35 -0.15 0.00	33.87 -0.19 0.00	34.27 -0.26 0.00	33.00 -1.01 0.00	37.25 -1.04 0.00	42.59 -0.92 0.00	55.10 -1.22 0.00	58.78 -0.65 0.00	51.80 -1.05 0.00	40.92 -0.83 0.00	37.73 -1.07 0.00	36.10 -2.37 0.00	38.60 -2.79 0.00	44.82 -2.23 0.00	48.70 -1.52 0.00	47.58 -1.16 -1.46	40.86 -1.01 0.00	48.13 -1.34 0.00	47.52 -0.70 0.00	50.27 -0.49 0.00	54.44 -0.91 0.00	55.56 -0.70 0.00
COLDSPRG_115KV_BK1 355956	41.49 -0.09 0.00	45.87 -0.35 0.00	36.90 -0.60 0.00	32.69 -1.37 0.00	33.25 -1.28 0.00	33.05 -0.96 0.00	37.33 -0.96 0.00	42.86 -0.65 0.00	55.80 -0.53 0.00	59.04 -0.40 0.00	52.44 -0.41 0.00	41.14 -0.62 0.00	37.95 -0.86 0.00	37.64 -0.83 0.00	41.27 -0.12 0.00	46.77 -0.28 0.00	49.56 -0.67 0.00	47.42 0.15 0.00	41.41 -0.46 0.00	49.11 -0.36 0.00	48.22 0.01 0.00	51.41 0.64 0.00	56.89 1.54 0.00	58.66 2.40 0.00
COLONIE_LFGE___ 323577	41.75 0.16 0.00	46.53 0.32 0.00	37.87 0.36 0.00	34.51 0.44 0.00	35.07 0.54 0.00	34.56 0.54 0.00	38.80 0.50 0.00	43.95 0.44 0.00	56.81 0.49 0.00	59.70 0.27 0.00	53.09 0.24 0.00	42.05 0.29 0.00	39.27 0.46 0.00	39.03 0.56 0.00	41.82 0.42 0.00	47.61 0.56 0.00	50.93 0.71 0.00	48.00 0.73 0.00	42.66 0.80 0.00	50.34 0.88 0.00	49.06 0.84 0.00	51.58 0.81 0.00	55.81 0.47 0.00	56.39 0.13 0.00
COOPERNY_115KV_TB1 80082	41.73 0.15 0.00	46.47 0.25 0.00	37.75 0.24 0.00	34.34 0.28 0.00	34.79 0.25 0.00	34.30 0.29 0.00	38.59 0.30 0.00	43.73 0.21 0.00	56.59 0.27 0.00	59.79 0.35 0.00	53.28 0.44 0.00	42.11 0.35 0.00	39.35 0.55 0.00	39.03 0.56 0.00	41.90 0.51 0.00	47.67 0.62 0.00	50.86 0.64 0.00	48.04 0.77 0.00	42.61 0.74 0.00	50.50 1.03 0.00	49.29 1.07 0.00	51.83 1.07 0.00	56.08 0.73 0.00	56.82 0.56 0.00
COPENHAGEN_WT_PWR 323753	41.84 0.26 0.00	46.06 -0.15 0.00	37.02 -0.49 0.00	33.55 -0.51 0.00	33.98 -0.55 0.00	32.49 -1.52 0.00	36.64 -1.65 0.00	41.92 -1.59 0.00	54.10 -2.22 0.00	57.82 -1.61 0.00	50.73 -2.12 0.00	40.09 -1.67 0.00	36.97 -1.83 0.00	35.64 -2.83 0.00	38.18 -3.21 0.00	44.13 -2.92 0.00	47.85 -2.38 0.00	46.59 -2.07 -1.38	40.04 -1.83 0.00	47.21 -2.26 0.00	46.63 -1.58 0.00	49.47 -1.30 0.00	53.52 -1.82 0.00	54.78 -1.48 0.00
CORNELL_____ 23752	42.12 0.54 0.00	46.67 0.46 0.00	37.70 0.20 0.00	34.07 0.01 0.00	34.56 0.03 0.00	34.13 0.11 0.00	38.52 0.23 0.00	43.89 0.38 0.00	56.83 0.51 0.00	60.08 0.65 0.00	53.40 0.55 0.00	42.09 0.34 0.00	39.06 0.26 0.00	38.63 0.16 0.00	41.70 0.30 0.00	47.45 0.40 0.00	50.73 0.51 0.00	47.97 0.70 0.00	42.53 0.66 0.00	50.40 0.93 0.00	49.12 0.90 0.00	51.61 0.84 0.00	56.20 0.86 0.00	57.24 0.98 0.00

CORONA_69_KV_TB1 355595	42.40 0.82 0.00	47.30 1.09 0.00	38.38 0.88 0.00	34.97 0.91 0.00	35.35 0.82 0.00	34.92 0.90 0.00	39.35 1.05 0.00	44.46 0.94 0.00	57.50 1.18 0.00	63.13 1.62 -2.07	104.28 1.74 -49.70	89.87 1.53 -46.58	61.22 1.81 -20.60	58.06 1.86 -17.72	52.31 1.73 -9.19	81.11 2.08 -31.99	96.82 2.21 -44.39	91.64 2.20 -42.17	113.52 1.86 -69.79	118.75 2.28 -67.00	110.10 2.38 -59.50	139.25 2.48 -86.01	160.82 2.13 -103.35	79.95 1.90 -21.79
CORTLAND_115KV_TB3 80093	41.80 0.22 0.00	46.36 0.14 0.00	37.51 0.00 0.00	33.95 -0.11 0.00	34.44 -0.09 0.00	33.98 -0.03 0.00	38.33 0.04 0.00	43.62 0.10 0.00	56.53 0.21 0.00	59.79 0.36 0.00	53.13 0.29 0.00	41.90 0.15 0.00	38.89 0.08 0.00	38.56 0.09 0.00	41.57 0.18 0.00	47.26 0.21 0.00	50.50 0.27 0.00	47.71 0.44 0.00	42.27 0.40 0.00	50.05 0.58 0.00	48.77 0.55 0.00	51.28 0.51 0.00	55.85 0.51 0.00	56.83 0.57 0.00
COXSACKIE___GT 23611	42.79 1.21 0.00	47.59 1.38 0.00	38.75 1.24 0.00	35.30 1.24 0.00	35.86 1.33 0.00	35.34 1.33 0.00	39.62 1.32 0.00	45.04 1.53 0.00	58.57 2.25 0.00	61.80 2.37 0.00	54.89 2.05 0.00	43.36 1.61 0.00	40.49 1.69 0.00	40.18 1.71 0.00	42.98 1.58 0.00	49.12 2.07 0.00	52.62 2.40 0.00	49.59 2.32 0.00	44.09 2.22 0.00	52.07 2.60 0.00	50.57 2.35 0.00	53.09 2.32 0.00	57.34 2.00 0.00	57.90 1.64 0.00
CPV_VALLEY___CC1 323721	41.62 0.04 0.00	46.36 0.14 0.00	37.68 0.17 0.00	34.30 0.24 0.00	34.73 0.20 0.00	34.28 0.26 0.00	38.55 0.26 0.00	43.63 0.12 0.00	56.43 0.11 0.00	59.63 0.19 0.00	53.16 0.31 0.00	42.02 0.27 0.00	39.34 0.54 0.00	39.02 0.55 0.00	41.84 0.45 0.00	47.61 0.56 0.00	50.80 0.57 0.00	48.01 0.74 0.00	42.60 0.73 0.00	50.51 1.05 0.00	49.32 1.10 0.00	51.84 1.08 0.00	55.99 0.65 0.00	56.68 0.42 0.00
CPV_VALLEY___CC2 323722	41.62 0.04 0.00	46.36 0.14 0.00	37.68 0.17 0.00	34.30 0.24 0.00	34.73 0.20 0.00	34.28 0.26 0.00	38.55 0.26 0.00	43.63 0.12 0.00	56.43 0.11 0.00	59.63 0.19 0.00	53.16 0.31 0.00	42.02 0.27 0.00	39.34 0.54 0.00	39.02 0.55 0.00	41.84 0.45 0.00	47.61 0.56 0.00	50.80 0.57 0.00	48.01 0.74 0.00	42.60 0.73 0.00	50.51 1.05 0.00	49.32 1.10 0.00	51.84 1.08 0.00	55.99 0.65 0.00	56.68 0.42 0.00
CRESCENT___HYD 24018	41.75 0.16 0.00	46.53 0.32 0.00	37.87 0.36 0.00	34.51 0.44 0.00	35.07 0.54 0.00	34.56 0.54 0.00	38.80 0.50 0.00	43.95 0.44 0.00	56.81 0.49 0.00	59.70 0.27 0.00	53.09 0.24 0.00	42.05 0.29 0.00	39.27 0.46 0.00	39.03 0.56 0.00	41.82 0.42 0.00	47.61 0.56 0.00	50.93 0.71 0.00	48.00 0.73 0.00	42.66 0.80 0.00	50.34 0.88 0.00	49.06 0.84 0.00	51.58 0.81 0.00	55.81 0.47 0.00	56.39 0.13 0.00
CRICKET___VALLEY_CC1 323756	41.62 0.04 0.00	46.41 0.19 0.00	37.74 0.24 0.00	34.37 0.32 0.00	34.86 0.33 0.00	34.46 0.44 0.00	38.69 0.40 0.00	43.78 0.27 0.00	56.67 0.35 0.00	59.76 0.33 0.00	53.22 0.37 0.00	42.14 0.39 0.00	39.46 0.66 0.00	39.19 0.72 0.00	41.97 0.58 0.00	47.79 0.74 0.00	51.04 0.81 0.00	48.27 1.00 0.00	42.90 1.03 0.00	50.78 1.32 0.00	49.49 1.27 0.00	51.98 1.22 0.00	56.06 0.72 0.00	56.61 0.34 0.00
CRICKET___VALLEY_CC2 323757	41.62 0.04 0.00	46.41 0.19 0.00	37.74 0.24 0.00	34.37 0.32 0.00	34.86 0.33 0.00	34.46 0.44 0.00	38.69 0.40 0.00	43.78 0.27 0.00	56.67 0.35 0.00	59.76 0.33 0.00	53.22 0.37 0.00	42.14 0.39 0.00	39.46 0.66 0.00	39.19 0.72 0.00	41.97 0.58 0.00	47.79 0.74 0.00	51.04 0.81 0.00	48.27 1.00 0.00	42.90 1.03 0.00	50.78 1.32 0.00	49.49 1.27 0.00	51.98 1.22 0.00	56.06 0.72 0.00	56.61 0.34 0.00
CRICKET___VALLEY_CC3 323758	41.62 0.04 0.00	46.41 0.19 0.00	37.74 0.24 0.00	34.37 0.32 0.00	34.86 0.33 0.00	34.46 0.44 0.00	38.69 0.40 0.00	43.78 0.27 0.00	56.67 0.35 0.00	59.76 0.33 0.00	53.22 0.37 0.00	42.14 0.39 0.00	39.46 0.66 0.00	39.19 0.72 0.00	41.97 0.58 0.00	47.79 0.74 0.00	51.04 0.81 0.00	48.27 1.00 0.00	42.90 1.03 0.00	50.78 1.32 0.00	49.49 1.27 0.00	51.98 1.22 0.00	56.06 0.72 0.00	56.61 0.34 0.00
CRUCIBLE_METL_DRP 24180	41.51 -0.07 0.00	46.05 -0.16 0.00	37.29 -0.21 0.00	33.78 -0.28 0.00	34.28 -0.25 0.00	33.85 -0.17 0.00	38.17 -0.12 0.00	43.47 -0.04 0.00	56.31 -0.01 0.00	59.53 0.09 0.00	52.95 0.10 0.00	41.74 -0.02 0.00	38.72 -0.08 0.00	38.41 -0.06 0.00	41.40 0.01 0.00	47.05 0.00 0.00	50.28 0.06 0.00	47.41 0.14 0.00	41.98 0.11 0.00	49.67 0.20 0.00	48.39 0.18 0.00	50.87 0.10 0.00	55.41 0.07 0.00	56.39 0.13 0.00
DAHOWA___HYDRO 323763	42.48 0.90 0.00	47.37 1.15 0.00	38.51 1.01 0.00	35.04 0.98 0.00	35.62 1.09 0.00	35.12 1.10 0.00	39.48 1.18 0.00	44.75 1.24 0.00	57.87 1.55 0.00	60.85 1.41 0.00	54.16 1.31 0.00	42.87 1.11 0.00	40.02 1.22 0.00	39.77 1.31 0.00	42.64 1.25 0.00	48.61 1.56 0.00	51.98 1.76 0.00	49.09 1.81 0.00	43.61 1.75 0.00	51.44 1.97 0.00	50.03 1.82 0.00	52.56 1.80 0.00	56.87 1.52 0.00	57.42 1.16 0.00
DANC___LFGE 323619	41.40 -0.18 0.00	45.71 -0.50 0.00	36.85 -0.66 0.00	33.39 -0.67 0.00	33.84 -0.69 0.00	32.77 -1.25 0.00	36.95 -1.35 0.00	42.19 -1.32 0.00	54.56 -1.76 0.00	58.08 -1.35 0.00	51.23 -1.62 0.00	40.44 -1.32 0.00	37.40 -1.40 0.00	36.42 -2.05 0.00	39.10 -2.30 0.00	44.90 -2.15 0.00	48.43 -1.80 0.00	46.68 -1.54 -0.95	40.50 -1.37 0.00	47.79 -1.68 0.00	46.96 -1.25 0.00	49.65 -1.12 0.00	53.87 -1.48 0.00	54.97 -1.29 0.00
DANSKAMMER___1 23586	42.34 0.76 0.00	47.16 0.95 0.00	38.33 0.82 0.00	34.89 0.83 0.00	35.34 0.81 0.00	34.90 0.89 0.00	39.27 0.97 0.00	44.47 0.95 0.00	57.58 1.26 0.00	60.86 1.42 0.00	54.27 1.42 0.00	42.94 1.18 0.00	40.19 1.39 0.00	39.88 1.41 0.00	42.76 1.37 0.00	48.66 1.62 0.00	51.96 1.74 0.00	49.16 1.89 0.00	43.61 1.74 0.00	51.72 2.25 0.00	50.44 2.23 0.00	52.99 2.22 0.00	57.14 1.80 0.00	57.76 1.50 0.00
DANSKAMMER___2 23589	42.34 0.76 0.00	47.16 0.95 0.00	38.33 0.82 0.00	34.89 0.83 0.00	35.34 0.81 0.00	34.90 0.89 0.00	39.27 0.97 0.00	44.47 0.95 0.00	57.58 1.26 0.00	60.86 1.42 0.00	54.27 1.42 0.00	42.94 1.18 0.00	40.19 1.39 0.00	39.88 1.41 0.00	42.76 1.37 0.00	48.66 1.62 0.00	51.96 1.74 0.00	49.16 1.89 0.00	43.61 1.74 0.00	51.72 2.25 0.00	50.44 2.23 0.00	52.99 2.22 0.00	57.14 1.80 0.00	57.76 1.50 0.00
DANSKAMMER___3 23590	42.34 0.76 0.00	47.16 0.95 0.00	38.33 0.82 0.00	34.89 0.83 0.00	35.34 0.81 0.00	34.90 0.89 0.00	39.27 0.97 0.00	44.47 0.95 0.00	57.58 1.26 0.00	60.86 1.42 0.00	54.27 1.42 0.00	42.94 1.18 0.00	40.19 1.39 0.00	39.88 1.41 0.00	42.76 1.37 0.00	48.66 1.62 0.00	51.96 1.74 0.00	49.16 1.89 0.00	43.61 1.74 0.00	51.72 2.25 0.00	50.44 2.23 0.00	52.99 2.22 0.00	57.14 1.80 0.00	57.76 1.50 0.00

DANSKAMMER___4 23591	42.34 0.76 0.00	47.16 0.95 0.00	38.33 0.82 0.00	34.89 0.83 0.00	35.34 0.81 0.00	34.90 0.89 0.00	39.27 0.97 0.00	44.47 0.95 0.00	57.58 1.26 0.00	60.86 1.42 0.00	54.27 1.42 0.00	42.94 1.18 0.00	40.19 1.39 0.00	39.88 1.41 0.00	42.76 1.37 0.00	48.66 1.62 0.00	51.96 1.74 0.00	49.16 1.89 0.00	43.61 1.74 0.00	51.72 2.25 0.00	50.44 2.23 0.00	52.99 2.22 0.00	57.14 1.80 0.00	57.76 1.50 0.00
DANSKAMMER___DIESEL 23592	42.34 0.76 0.00	47.16 0.95 0.00	38.33 0.82 0.00	34.89 0.83 0.00	35.34 0.81 0.00	34.90 0.89 0.00	39.27 0.97 0.00	44.46 0.95 0.00	57.58 1.26 0.00	60.86 1.43 0.00	54.27 1.42 0.00	42.94 1.18 0.00	40.19 1.39 0.00	39.88 1.41 0.00	42.76 1.37 0.00	48.66 1.61 0.00	51.96 1.74 0.00	49.16 1.89 0.00	43.61 1.74 0.00	51.71 2.24 0.00	50.43 2.21 0.00	52.98 2.21 0.00	57.13 1.79 0.00	57.76 1.50 0.00
DARBY___SOLAR 323810	42.44 0.86 0.00	47.32 1.11 0.00	38.48 0.97 0.00	35.01 0.95 0.00	35.59 1.06 0.00	35.09 1.08 0.00	39.44 1.15 0.00	44.71 1.20 0.00	57.82 1.50 0.00	60.80 1.36 0.00	54.10 1.26 0.00	42.82 1.07 0.00	39.98 1.18 0.00	39.72 1.25 0.00	42.60 1.20 0.00	48.54 1.50 0.00	51.91 1.69 0.00	49.00 1.73 0.00	43.53 1.66 0.00	51.37 1.90 0.00	49.98 1.77 0.00	52.52 1.75 0.00	56.82 1.48 0.00	57.40 1.14 0.00
DASHVILLE___HYD 23610	42.00 0.42 0.00	46.78 0.57 0.00	38.04 0.53 0.00	34.64 0.58 0.00	35.08 0.55 0.00	34.62 0.60 0.00	38.96 0.66 0.00	44.13 0.61 0.00	57.14 0.82 0.00	60.42 0.99 0.00	53.89 1.04 0.00	42.61 0.85 0.00	39.87 1.07 0.00	39.57 1.10 0.00	42.42 1.03 0.00	48.29 1.24 0.00	51.56 1.33 0.00	48.75 1.47 0.00	43.25 1.38 0.00	51.28 1.81 0.00	50.02 1.81 0.00	52.57 1.80 0.00	56.70 1.35 0.00	57.33 1.06 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	42.07 0.49 0.00	46.98 0.77 0.00	38.08 0.58 0.00	34.78 0.72 0.00	34.87 0.34 0.00	33.72 -0.29 0.00	38.27 -0.02 0.00	43.28 -0.23 0.00	55.75 -0.57 0.00	60.15 0.59 -0.12	55.99 0.39 -2.75	42.34 0.54 -0.05	41.33 1.21 -1.32	40.81 1.20 -1.14	41.50 0.91 0.81	45.75 1.39 2.69	47.64 0.85 3.43	49.86 1.02 -1.57	42.44 0.82 0.25	54.35 1.01 -3.87	54.47 1.91 -4.34	58.72 2.68 -5.27	63.44 2.16 -5.94	59.72 2.07 -1.39
DELAWARE___LFGE 323621	42.19 0.61 0.00	46.86 0.65 0.00	37.99 0.49 0.00	34.47 0.41 0.00	34.93 0.40 0.00	34.37 0.36 0.00	38.72 0.42 0.00	44.00 0.49 0.00	57.01 0.69 0.00	60.26 0.83 0.00	53.66 0.81 0.00	42.38 0.63 0.00	39.46 0.66 0.00	39.10 0.63 0.00	42.11 0.72 0.00	47.87 0.81 0.00	51.12 0.90 0.00	48.24 0.97 0.00	42.75 0.88 0.00	50.63 1.16 0.00	49.39 1.18 0.00	51.95 1.18 0.00	56.40 1.06 0.00	57.29 1.03 0.00
DERFIELD_115KV_TB7 355931	41.43 -0.16 0.00	46.04 -0.17 0.00	37.38 -0.13 0.00	33.96 -0.10 0.00	34.43 -0.10 0.00	33.89 -0.13 0.00	38.11 -0.19 0.00	43.28 -0.24 0.00	56.02 -0.30 0.00	59.14 -0.29 0.00	52.56 -0.29 0.00	41.54 -0.21 0.00	38.66 -0.14 0.00	38.35 -0.11 0.00	41.25 -0.14 0.00	46.89 -0.15 0.00	50.07 -0.15 0.00	47.19 -0.08 0.00	41.82 -0.05 0.00	49.43 -0.04 0.00	48.21 0.00 0.00	50.76 0.00 0.00	55.18 -0.16 0.00	56.03 -0.23 0.00
DOGLEVILLE___HYD 23807	39.78 -1.80 0.00	44.25 -1.97 0.00	35.79 -1.71 0.00	32.66 -1.40 0.00	33.27 -1.26 0.00	32.74 -1.28 0.00	36.61 -1.68 0.00	41.33 -2.18 0.00	53.52 -2.80 0.00	56.37 -3.07 0.00	50.37 -2.48 0.00	39.96 -1.80 0.00	37.21 -1.59 0.00	37.02 -1.45 0.00	40.07 -1.33 0.00	45.54 -1.51 0.00	48.87 -1.36 0.00	46.22 -1.05 0.00	41.13 -0.74 0.00	48.85 -0.62 0.00	47.55 -0.66 0.00	49.87 -0.90 0.00	53.68 -1.66 0.00	53.91 -2.35 0.00
DUNKIRK___115KV_TB_200 55889	40.79 -0.79 0.00	45.09 -1.13 0.00	36.30 -1.20 0.00	32.01 -2.05 0.00	32.62 -1.91 0.00	32.39 -1.63 0.00	36.54 -1.76 0.00	41.91 -1.60 0.00	54.47 -1.85 0.00	57.82 -1.61 0.00	51.35 -1.50 0.00	40.29 -1.47 0.00	37.18 -1.62 0.00	36.90 -1.57 0.00	40.57 -0.82 0.00	46.09 -0.96 0.00	48.57 -1.65 0.00	46.46 -0.81 0.00	40.56 -1.31 0.00	48.21 -1.26 0.00	47.26 -0.96 0.00	50.55 -0.22 0.00	56.03 0.69 0.00	57.87 1.61 0.00
DUNKIRK___1 23563	40.79 -0.79 0.00	45.09 -1.13 0.00	36.30 -1.20 0.00	32.01 -2.05 0.00	32.62 -1.91 0.00	32.39 -1.63 0.00	36.54 -1.76 0.00	41.91 -1.60 0.00	54.47 -1.85 0.00	57.82 -1.61 0.00	51.35 -1.50 0.00	40.29 -1.47 0.00	37.18 -1.62 0.00	36.90 -1.57 0.00	40.57 -0.82 0.00	46.09 -0.96 0.00	48.57 -1.65 0.00	46.46 -0.81 0.00	40.56 -1.31 0.00	48.21 -1.26 0.00	47.26 -0.96 0.00	50.55 -0.22 0.00	56.03 0.69 0.00	57.87 1.61 0.00
DUNKIRK___2 23564	40.79 -0.79 0.00	45.09 -1.13 0.00	36.30 -1.20 0.00	32.01 -2.05 0.00	32.62 -1.91 0.00	32.39 -1.63 0.00	36.54 -1.76 0.00	41.91 -1.60 0.00	54.47 -1.85 0.00	57.82 -1.61 0.00	51.35 -1.50 0.00	40.29 -1.47 0.00	37.18 -1.62 0.00	36.90 -1.57 0.00	40.57 -0.82 0.00	46.09 -0.96 0.00	48.57 -1.65 0.00	46.46 -0.81 0.00	40.56 -1.31 0.00	48.21 -1.26 0.00	47.26 -0.96 0.00	50.55 -0.22 0.00	56.03 0.69 0.00	57.87 1.61 0.00
DUNKIRK___3 23565	40.81 -0.77 0.00	45.08 -1.14 0.00	36.27 -1.24 0.00	32.09 -1.97 0.00	32.67 -1.86 0.00	32.49 -1.53 0.00	36.66 -1.63 0.00	42.04 -1.47 0.00	54.66 -1.66 0.00	58.03 -1.40 0.00	51.46 -1.39 0.00	40.41 -1.34 0.00	37.26 -1.54 0.00	36.97 -1.50 0.00	40.57 -0.82 0.00	46.01 -1.04 0.00	48.58 -1.64 0.00	46.37 -0.90 0.00	40.56 -1.31 0.00	48.13 -1.34 0.00	47.10 -1.11 0.00	50.26 -0.51 0.00	55.72 0.38 0.00	57.52 1.26 0.00
DUNKIRK___4 23566	40.81 -0.77 0.00	45.08 -1.14 0.00	36.27 -1.24 0.00	32.09 -1.97 0.00	32.67 -1.86 0.00	32.49 -1.53 0.00	36.66 -1.63 0.00	42.04 -1.47 0.00	54.66 -1.66 0.00	58.03 -1.40 0.00	51.46 -1.39 0.00	40.41 -1.34 0.00	37.26 -1.54 0.00	36.97 -1.50 0.00	40.57 -0.82 0.00	46.01 -1.04 0.00	48.58 -1.64 0.00	46.37 -0.90 0.00	40.56 -1.31 0.00	48.13 -1.34 0.00	47.10 -1.11 0.00	50.26 -0.51 0.00	55.72 0.38 0.00	57.52 1.26 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	42.24 0.65 0.00	47.09 0.87 0.00	38.27 0.76 0.00	34.87 0.81 0.00	35.30 0.76 0.00	34.88 0.86 0.00	39.19 0.90 0.00	44.30 0.78 0.00	57.26 0.94 0.00	60.57 1.13 0.00	54.02 1.18 0.00	42.74 0.98 0.00	40.06 1.26 0.00	39.76 1.29 0.00	42.58 1.18 0.00	48.45 1.40 0.00	51.71 1.49 0.00	48.92 1.66 0.00	43.43 1.56 0.00	51.50 2.03 0.00	50.26 2.05 0.00	52.83 2.06 0.00	56.93 1.59 0.00	57.55 1.29 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	42.07 0.49 0.00	46.87 0.66 0.00	38.09 0.58 0.00	34.67 0.61 0.00	35.11 0.58 0.00	34.67 0.65 0.00	39.00 0.70 0.00	44.15 0.63 0.00	57.15 0.83 0.00	60.42 0.98 0.00	53.89 1.04 0.00	42.60 0.84 0.00	39.88 1.08 0.00	39.56 1.09 0.00	42.43 1.04 0.00	48.29 1.24 0.00	51.54 1.32 0.00	48.74 1.47 0.00	43.24 1.37 0.00	51.29 1.82 0.00	50.06 1.84 0.00	52.61 1.84 0.00	56.76 1.41 0.00	57.40 1.14 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	42.29 0.70 -0.01	47.09 0.88 0.00	38.29 0.78 0.00	34.95 0.88 -0.01	35.30 0.77 0.00	34.93 0.91 -0.01	39.21 0.91 0.00	44.35 0.84 0.00	57.43 1.11 0.00	60.81 1.38 0.00	54.30 1.46 0.00	42.93 1.18 0.00	40.24 1.44 0.00	39.92 1.45 0.00	42.76 1.37 0.00	48.62 1.57 0.00	51.87 1.64 0.00	49.12 1.85 0.00	43.48 1.61 0.00	51.48 2.01 0.00	50.23 2.01 0.00	52.79 2.02 0.00	56.82 1.48 0.00	57.51 1.25 0.00
E179THST_13_KV_LOAD 356214	42.46 0.87 -0.01	47.26 1.04 0.00	38.43 0.92 0.00	35.06 1.00 -0.01	35.40 0.87 0.00	35.04 1.02 -0.01	39.34 1.05 0.00	44.51 1.00 0.00	57.66 1.34 0.00	61.08 1.64 0.00	54.54 1.69 0.00	43.12 1.36 0.00	40.43 1.63 0.00	40.11 1.64 0.00	42.96 1.57 0.00	48.85 1.80 0.00	52.12 1.90 0.00	49.36 2.09 0.00	43.68 1.82 0.00	51.73 2.26 0.00	50.47 2.25 0.00	53.04 2.28 0.00	57.10 1.75 0.00	57.76 1.50 0.00
EAST HAMPTON___GT 23717	42.46 0.88 0.00	47.39 1.18 0.00	38.40 0.89 0.00	35.06 0.99 0.00	35.01 0.48 0.00	33.18 -0.84 0.00	37.64 -0.65 0.00	42.58 -0.93 0.00	54.89 -1.43 0.00	59.76 0.20 -0.12	55.23 -0.37 -2.75	41.80 0.00 -0.05	41.07 0.95 -1.32	40.50 0.89 -1.14	41.19 0.60 0.81	45.57 1.21 2.69	46.93 0.14 3.43	49.09 0.25 -1.57	41.84 0.21 0.25	53.59 0.25 -3.87	54.26 1.70 -4.34	59.07 3.03 -5.27	63.74 2.45 -5.94	60.27 2.62 -1.39
EAST RIVER___6 23660	42.31 0.73 0.00	47.17 0.96 0.00	38.35 0.84 0.00	34.95 0.89 0.00	35.37 0.84 0.00	34.97 0.95 0.00	39.28 0.99 0.00	44.42 0.90 0.00	57.43 1.11 0.00	60.78 1.34 0.00	54.24 1.40 0.00	42.93 1.17 0.00	40.24 1.44 0.00	39.92 1.45 0.00	42.75 1.36 0.00	48.63 1.58 0.00	51.89 1.67 0.00	49.11 1.84 0.00	43.56 1.69 0.00	51.64 2.17 0.00	50.38 2.17 0.00	52.94 2.17 0.00	57.00 1.66 0.00	57.65 1.39 0.00
EAST RIVER___7 23524	42.31 0.73 0.00	47.17 0.96 0.00	38.35 0.84 0.00	34.95 0.89 0.00	35.37 0.84 0.00	34.97 0.95 0.00	39.28 0.99 0.00	44.42 0.90 0.00	57.43 1.11 0.00	60.78 1.34 0.00	54.24 1.40 0.00	42.93 1.17 0.00	40.24 1.44 0.00	39.92 1.45 0.00	42.75 1.36 0.00	48.63 1.58 0.00	51.89 1.67 0.00	49.11 1.84 0.00	43.56 1.69 0.00	51.64 2.17 0.00	50.38 2.17 0.00	52.94 2.17 0.00	57.00 1.66 0.00	57.65 1.39 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	42.14 0.55 0.00	46.97 0.75 0.00	38.18 0.67 0.00	34.78 0.72 0.00	35.21 0.68 0.00	34.79 0.77 0.00	39.11 0.81 0.00	44.22 0.71 0.00	57.20 0.88 0.00	60.51 1.07 0.00	53.97 1.12 0.00	42.68 0.92 0.00	40.00 1.19 0.00	39.69 1.22 0.00	42.52 1.13 0.00	48.38 1.33 0.00	51.64 1.41 0.00	48.85 1.57 0.00	43.35 1.48 0.00	51.40 1.93 0.00	50.16 1.95 0.00	52.73 1.96 0.00	56.84 1.49 0.00	57.45 1.19 0.00
EAST_HAMPTON___DIESEL 23722	42.48 0.89 0.00	47.40 1.18 0.00	38.40 0.90 0.00	35.06 1.00 0.00	35.01 0.48 0.00	33.08 -0.93 0.00	37.52 -0.77 0.00	42.45 -1.06 0.00	54.72 -1.60 0.00	59.64 0.08 -0.12	55.07 -0.52 -2.75	41.68 -0.12 -0.05	40.99 0.87 -1.32	40.41 0.81 -1.14	41.10 0.52 0.81	45.51 1.15 2.69	46.78 -0.01 3.43	48.94 0.10 -1.57	41.71 0.08 0.25	53.44 0.09 -3.87	54.17 1.61 -4.34	59.04 3.00 -5.27	63.70 2.42 -5.94	60.27 2.62 -1.39
EAST_POINT___SOLAR 323840	44.20 2.62 0.00	48.94 2.72 0.00	39.52 2.02 0.00	35.68 1.62 0.00	36.18 1.65 0.00	35.61 1.59 0.00	40.29 1.99 0.00	46.00 2.49 0.00	59.77 3.45 0.00	63.20 3.76 0.00	56.41 3.56 0.00	44.33 2.57 0.00	40.85 2.05 0.00	40.27 1.80 0.00	43.86 2.47 0.00	49.91 2.86 0.00	53.54 3.32 0.00	50.49 3.22 0.00	44.66 2.79 0.00	52.84 3.37 0.00	51.47 3.26 0.00	54.14 3.37 0.00	59.05 3.71 0.00	60.06 3.80 0.00
EAST_PULASKI___ESR 323781	41.11 -0.48 0.00	45.51 -0.70 0.00	36.82 -0.69 0.00	33.35 -0.71 0.00	33.82 -0.71 0.00	33.16 -0.86 0.00	37.37 -0.93 0.00	42.61 -0.91 0.00	55.20 -1.13 0.00	58.51 -0.92 0.00	51.86 -0.99 0.00	40.92 -0.83 0.00	37.93 -0.86 0.00	37.30 -1.18 0.00	40.11 -1.28 0.00	45.81 -1.24 0.00	49.14 -1.08 0.00	46.39 -0.88 0.00	41.08 -0.79 0.00	48.51 -0.96 0.00	47.43 -0.79 0.00	49.97 -0.80 0.00	54.36 -0.98 0.00	55.34 -0.92 0.00
EAST_RIVER___1 323558	42.27 0.68 0.00	47.13 0.91 0.00	38.31 0.80 0.00	34.91 0.85 0.00	35.34 0.81 0.00	34.93 0.91 0.00	39.24 0.95 0.00	44.37 0.85 0.00	57.37 1.05 0.00	60.71 1.27 0.00	54.19 1.34 0.00	42.87 1.11 0.00	40.19 1.39 0.00	39.87 1.40 0.00	42.70 1.31 0.00	48.57 1.52 0.00	51.83 1.61 0.00	49.05 1.78 0.00	43.48 1.61 0.00	51.58 2.11 0.00	50.32 2.11 0.00	52.88 2.11 0.00	56.95 1.61 0.00	57.58 1.32 0.00
EAST_RIVER___2 323559	42.31 0.73 0.00	47.17 0.96 0.00	38.35 0.84 0.00	34.95 0.89 0.00	35.37 0.84 0.00	34.97 0.95 0.00	39.28 0.99 0.00	44.42 0.90 0.00	57.43 1.11 0.00	60.78 1.34 0.00	54.24 1.40 0.00	42.93 1.17 0.00	40.24 1.44 0.00	39.92 1.45 0.00	42.75 1.36 0.00	48.63 1.58 0.00	51.89 1.67 0.00	49.11 1.84 0.00	43.56 1.69 0.00	51.64 2.17 0.00	50.38 2.17 0.00	52.94 2.17 0.00	57.00 1.66 0.00	57.65 1.39 0.00
EAST___DELAWARE_HYD 23607	42.62 1.04 0.00	47.44 1.22 0.00	38.53 1.02 0.00	35.07 1.00 0.00	35.53 0.99 0.00	35.08 1.06 0.00	39.50 1.20 0.00	44.78 1.27 0.00	58.05 1.72 0.00	61.42 1.98 0.00	54.80 1.96 0.00	43.31 1.55 0.00	40.51 1.71 0.00	40.17 1.70 0.00	43.14 1.74 0.00	49.09 2.04 0.00	52.40 2.18 0.00	49.53 2.26 0.00	43.96 2.09 0.00	52.13 2.66 0.00	50.82 2.60 0.00	53.42 2.65 0.00	57.66 2.32 0.00	58.30 2.04 0.00
EIGHT_POINT___WT_PWR 323820	40.40 -1.18 0.00	44.45 -1.77 0.00	35.15 -2.35 0.00	31.42 -2.65 0.00	31.78 -2.75 0.00	31.23 -2.78 0.00	34.94 -3.36 0.00	39.70 -3.82 0.00	51.64 -4.68 0.00	54.95 -4.48 0.00	48.35 -4.49 0.00	37.97 -3.79 0.00	35.39 -3.41 0.00	34.90 -3.57 0.00	37.78 -3.62 0.00	43.06 -3.99 0.00	46.50 -3.72 0.00	44.76 -2.52 0.00	39.62 -2.25 0.00	47.12 -2.35 0.00	46.06 -2.16 0.00	49.32 -1.45 0.00	54.86 -0.48 0.00	56.75 0.49 0.00
ELBRIDGE_115KV_TB2 80188	41.34 -0.24 0.00	45.87 -0.35 0.00	37.13 -0.38 0.00	33.62 -0.44 0.00	34.11 -0.42 0.00	33.70 -0.32 0.00	38.00 -0.30 0.00	43.27 -0.24 0.00	56.00 -0.32 0.00	59.20 -0.23 0.00	52.68 -0.16 0.00	41.51 -0.24 0.00	38.52 -0.28 0.00	38.21 -0.26 0.00	41.21 -0.18 0.00	46.78 -0.27 0.00	50.01 -0.21 0.00	47.17 -0.10 0.00	41.78 -0.09 0.00	49.46 0.00 0.00	48.20 -0.01 0.00	50.65 -0.12 0.00	55.15 -0.20 0.00	56.15 -0.11 0.00
ELEC_TRO_TEK 24086	42.18 0.60 0.00	47.07 0.86 0.00	38.21 0.70 0.00	34.82 0.76 0.00	35.19 0.66 0.00	34.78 0.76 0.00	39.20 0.90 0.00	44.29 0.77 0.00	57.27 0.95 0.00	61.87 1.37 -1.07	80.04 1.53 -25.66	64.63 1.34 -21.53	51.40 1.63 -10.97	49.58 1.68 -9.43	46.55 1.53 -3.63	61.17 1.82 -12.30	69.38 1.94 -17.22	70.31 1.99 -21.05	77.29 1.69 -33.74	86.22 2.08 -34.67	82.12 2.18 -31.72	97.84 2.26 -44.81	110.69 1.88 -53.46	69.43 1.61 -11.56

ELLENBURG_WT_PWR 323604	42.88 1.30 0.00	47.66 1.45 0.00	38.30 0.79 0.00	34.77 0.71 0.00	35.39 0.85 0.00	34.48 0.47 0.00	38.97 0.67 0.00	44.28 0.76 0.00	57.50 1.18 0.00	60.42 0.98 0.00	53.62 0.77 0.00	42.47 0.72 0.00	39.09 0.29 0.00	38.34 -0.13 0.00	41.22 -0.18 0.00	46.84 -0.21 0.00	49.51 -0.72 0.00	11.57 -1.48 34.22	40.78 -1.09 0.00	48.47 -1.00 0.00	46.68 -1.53 0.00	49.28 -1.49 0.00	55.04 -0.30 0.00	56.45 0.18 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	40.96 -0.62 0.00	45.03 -1.19 0.00	36.08 -1.43 0.00	32.13 -1.94 0.00	32.71 -1.82 0.00	32.69 -1.33 0.00	36.90 -1.40 0.00	42.46 -1.06 0.00	55.37 -0.95 0.00	58.80 -0.64 0.00	52.07 -0.78 0.00	41.03 -0.73 0.00	37.57 -1.23 0.00	37.29 -1.18 0.00	40.75 -0.64 0.00	45.90 -1.15 0.00	48.71 -1.52 0.00	46.15 -1.12 0.00	40.45 -1.42 0.00	47.57 -1.90 0.00	46.39 -1.83 0.00	49.23 -1.54 0.00	55.00 -0.34 0.00	56.74 0.48 0.00
EMPIRE_CC_1 323656	41.22 -0.36 0.00	45.93 -0.28 0.00	37.45 -0.06 0.00	34.15 0.09 0.00	34.71 0.18 0.00	34.22 0.20 0.00	38.32 0.03 0.00	43.32 -0.20 0.00	55.97 -0.35 0.00	58.78 -0.65 0.00	52.27 -0.58 0.00	41.42 -0.34 0.00	38.69 -0.11 0.00	38.47 0.00 0.00	41.19 -0.20 0.00	46.89 -0.16 0.00	50.15 -0.07 0.00	47.26 -0.01 0.00	42.00 0.13 0.00	49.57 0.10 0.00	48.33 0.11 0.00	50.83 0.06 0.00	54.96 -0.39 0.00	55.53 -0.73 0.00
EMPIRE_CC_2 323658	41.22 -0.36 0.00	45.93 -0.28 0.00	37.45 -0.06 0.00	34.15 0.09 0.00	34.71 0.18 0.00	34.22 0.20 0.00	38.32 0.03 0.00	43.32 -0.20 0.00	55.97 -0.35 0.00	58.78 -0.65 0.00	52.27 -0.58 0.00	41.42 -0.34 0.00	38.69 -0.11 0.00	38.47 0.00 0.00	41.19 -0.20 0.00	46.89 -0.16 0.00	50.15 -0.07 0.00	47.26 -0.01 0.00	42.00 0.13 0.00	49.57 0.10 0.00	48.33 0.11 0.00	50.83 0.06 0.00	54.96 -0.39 0.00	55.53 -0.73 0.00
ENORWICH_115KV_TB1 80156	44.14 2.56 0.00	48.63 2.42 0.00	38.75 1.24 0.00	34.37 0.31 0.00	34.86 0.33 0.00	34.50 0.48 0.00	38.89 0.59 0.00	44.34 0.82 0.00	57.00 0.68 0.00	59.93 0.49 0.00	53.35 0.50 0.00	42.08 0.33 0.00	38.98 0.18 0.00	38.38 -0.09 0.00	41.74 0.35 0.00	47.37 0.33 0.00	50.81 0.58 0.00	48.08 0.81 0.00	42.66 0.79 0.00	50.74 1.28 0.00	49.48 1.27 0.00	52.24 1.47 0.00	57.21 1.87 0.00	58.70 2.43 0.00
ERIE_ST__34_KV_TB1-2 80199	41.22 -0.36 0.00	45.34 -0.88 0.00	36.34 -1.16 0.00	32.41 -1.65 0.00	32.99 -1.54 0.00	32.96 -1.06 0.00	37.22 -1.08 0.00	42.79 -0.72 0.00	55.77 -0.55 0.00	59.21 -0.22 0.00	52.40 -0.45 0.00	41.28 -0.48 0.00	37.79 -1.01 0.00	37.55 -0.92 0.00	40.99 -0.40 0.00	46.17 -0.88 0.00	49.06 -1.17 0.00	46.54 -0.73 0.00	40.86 -1.01 0.00	48.09 -1.38 0.00	46.90 -1.31 0.00	49.72 -1.05 0.00	55.39 0.04 0.00	57.07 0.81 0.00
ERIE_WT_PWR 323693	41.16 -0.42 0.00	45.23 -0.98 0.00	36.25 -1.26 0.00	32.29 -1.77 0.00	32.87 -1.66 0.00	32.84 -1.18 0.00	37.09 -1.21 0.00	42.67 -0.85 0.00	55.57 -0.75 0.00	59.05 -0.38 0.00	52.29 -0.55 0.00	41.19 -0.57 0.00	37.70 -1.10 0.00	37.44 -1.03 0.00	40.93 -0.46 0.00	46.10 -0.95 0.00	48.91 -1.31 0.00	46.34 -0.93 0.00	40.62 -1.25 0.00	47.78 -1.68 0.00	46.58 -1.64 0.00	49.47 -1.30 0.00	55.28 -0.07 0.00	57.02 0.76 0.00
ESPRGFLD_115KV_TB1 80157	43.73 2.15 0.00	48.36 2.15 0.00	38.97 1.47 0.00	35.09 1.03 0.00	35.53 1.00 0.00	34.93 0.91 0.00	39.54 1.25 0.00	45.15 1.64 0.00	58.63 2.31 0.00	62.11 2.68 0.00	55.51 2.66 0.00	43.71 1.96 0.00	40.36 1.56 0.00	39.87 1.40 0.00	43.29 1.90 0.00	49.15 2.10 0.00	52.54 2.31 0.00	49.53 2.26 0.00	43.78 1.91 0.00	51.83 2.37 0.00	50.56 2.35 0.00	53.24 2.47 0.00	58.20 2.86 0.00	59.37 3.12 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	42.08 0.50 0.00	46.63 0.42 0.00	37.67 0.16 0.00	34.04 -0.02 0.00	34.54 0.01 0.00	34.11 0.09 0.00	38.50 0.20 0.00	43.85 0.33 0.00	56.77 0.45 0.00	60.02 0.58 0.00	53.35 0.50 0.00	42.05 0.29 0.00	39.01 0.21 0.00	38.60 0.13 0.00	41.67 0.27 0.00	47.40 0.35 0.00	50.67 0.45 0.00	47.92 0.65 0.00	42.47 0.60 0.00	50.32 0.85 0.00	49.04 0.83 0.00	51.55 0.78 0.00	56.13 0.78 0.00	57.17 0.91 0.00
ETNA____115KV_TB2 80207	42.08 0.50 0.00	46.63 0.42 0.00	37.67 0.16 0.00	34.04 -0.02 0.00	34.54 0.01 0.00	34.11 0.09 0.00	38.50 0.20 0.00	43.85 0.33 0.00	56.77 0.45 0.00	60.02 0.58 0.00	53.35 0.50 0.00	42.05 0.29 0.00	39.01 0.21 0.00	38.60 0.13 0.00	41.67 0.27 0.00	47.40 0.35 0.00	50.67 0.45 0.00	47.92 0.65 0.00	42.47 0.60 0.00	50.32 0.85 0.00	49.04 0.83 0.00	51.55 0.78 0.00	56.13 0.78 0.00	57.17 0.91 0.00
EUCLID__115KV_TB2 356179	41.13 -0.45 0.00	45.61 -0.61 0.00	36.95 -0.55 0.00	33.47 -0.59 0.00	33.96 -0.57 0.00	33.52 -0.50 0.00	37.78 -0.52 0.00	43.02 -0.50 0.00	55.78 -0.55 0.00	58.98 -0.46 0.00	52.41 -0.44 0.00	41.35 -0.41 0.00	38.35 -0.45 0.00	38.03 -0.44 0.00	41.00 -0.39 0.00	46.60 -0.45 0.00	49.79 -0.43 0.00	46.93 -0.34 0.00	41.53 -0.33 0.00	49.09 -0.38 0.00	47.83 -0.38 0.00	50.34 -0.42 0.00	54.89 -0.45 0.00	55.83 -0.43 0.00
E_CANADA_CAP_HY 24051	43.98 2.40 0.00	48.64 2.42 0.00	39.19 1.68 0.00	35.28 1.22 0.00	35.76 1.23 0.00	35.14 1.12 0.00	39.77 1.47 0.00	45.39 1.88 0.00	58.94 2.62 0.00	62.39 2.96 0.00	55.79 2.95 0.00	43.93 2.17 0.00	40.46 1.66 0.00	39.96 1.49 0.00	43.47 2.07 0.00	49.37 2.32 0.00	52.82 2.60 0.00	49.73 2.46 0.00	43.95 2.08 0.00	51.98 2.51 0.00	50.67 2.46 0.00	53.39 2.62 0.00	58.45 3.10 0.00	59.64 3.37 0.00
E_CANADA_MHWK_HY 24050	39.78 -1.80 0.00	44.25 -1.97 0.00	35.79 -1.71 0.00	32.66 -1.40 0.00	33.27 -1.26 0.00	32.74 -1.28 0.00	36.61 -1.68 0.00	41.33 -2.18 0.00	53.52 -2.80 0.00	56.37 -3.07 0.00	50.37 -2.48 0.00	39.96 -1.80 0.00	37.21 -1.59 0.00	37.02 -1.45 0.00	40.07 -1.33 0.00	45.54 -1.51 0.00	48.87 -1.36 0.00	46.22 -1.05 0.00	41.13 -0.74 0.00	48.85 -0.62 0.00	47.55 -0.66 0.00	49.87 -0.90 0.00	53.68 -1.66 0.00	53.91 -2.35 0.00
E_FISHKILL__LBMP 23776	41.93 0.35 0.00	46.73 0.52 0.00	38.00 0.49 0.00	34.61 0.55 0.00	35.06 0.53 0.00	34.63 0.61 0.00	38.91 0.61 0.00	44.02 0.50 0.00	56.95 0.62 0.00	60.16 0.73 0.00	53.63 0.79 0.00	42.42 0.67 0.00	39.73 0.93 0.00	39.42 0.95 0.00	42.25 0.85 0.00	48.08 1.03 0.00	51.34 1.11 0.00	48.53 1.26 0.00	43.07 1.20 0.00	51.05 1.58 0.00	49.80 1.59 0.00	52.36 1.59 0.00	56.47 1.12 0.00	57.08 0.82 0.00
FALCON___SEABRD_CC1 323796	43.40 1.82 0.00	48.27 2.06 0.00	38.77 1.27 0.00	35.20 1.14 0.00	35.84 1.30 0.00	34.95 0.93 0.00	39.47 1.17 0.00	44.76 1.25 0.00	58.10 1.78 0.00	60.97 1.54 0.00	54.11 1.27 0.00	42.89 1.13 0.00	39.51 0.70 0.00	38.79 0.32 0.00	41.65 0.25 0.00	47.37 0.32 0.00	50.14 -0.08 0.00	12.05 -1.01 34.22	41.27 -0.60 0.00	48.95 -0.52 0.00	47.23 -0.99 0.00	49.88 -0.90 0.00	55.56 0.22 0.00	56.99 0.73 0.00

FALCON___SEABRD_CC2 323797	43.40 1.82 0.00	48.27 2.06 0.00	38.77 1.27 0.00	35.20 1.14 0.00	35.84 1.30 0.00	34.95 0.93 0.00	39.47 1.17 0.00	44.76 1.25 0.00	58.10 1.78 0.00	60.97 1.54 0.00	54.11 1.27 0.00	42.89 1.13 0.00	39.51 0.70 0.00	38.79 0.32 0.00	41.65 0.25 0.00	47.37 0.32 0.00	50.14 -0.08 0.00	12.05 -1.01 34.22	41.27 -0.60 0.00	48.95 -0.52 0.00	47.23 -0.99 0.00	49.88 -0.90 0.00	55.56 0.22 0.00	56.99 0.73 0.00
FAR ROCKAWAY___4 23548	42.65 1.07 0.00	47.58 1.37 0.00	38.61 1.10 0.00	35.17 1.11 0.00	35.54 1.02 0.00	35.12 1.11 0.00	39.59 1.29 0.00	44.74 1.23 0.00	57.89 1.57 0.00	63.66 2.09 -2.14	106.26 2.12 -51.30	92.41 1.86 -48.79	62.14 2.12 -21.22	58.89 2.17 -18.25	53.26 2.06 -9.81	83.70 2.45 -34.20	100.23 2.61 -47.39	93.46 2.43 -43.76	116.40 2.05 -72.48	121.13 2.51 -69.14	111.96 2.61 -61.14	142.18 2.73 -88.68	164.56 2.56 -106.65	81.02 2.31 -22.45
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	42.28 0.70 0.00	47.13 0.91 0.00	38.32 0.81 0.00	34.92 0.86 0.00	35.34 0.80 0.00	34.93 0.92 0.00	39.25 0.95 0.00	44.37 0.85 0.00	57.37 1.05 0.00	60.74 1.31 0.00	54.19 1.34 0.00	42.87 1.11 0.00	40.19 1.39 0.00	39.87 1.40 0.00	42.70 1.31 0.00	48.57 1.52 0.00	51.83 1.61 0.00	49.04 1.77 0.00	43.49 1.62 0.00	51.58 2.11 0.00	50.33 2.12 0.00	52.88 2.11 0.00	56.96 1.61 0.00	57.59 1.33 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	42.30 0.72 0.00	47.15 0.94 0.00	38.33 0.82 0.00	34.93 0.87 0.00	35.35 0.82 0.00	34.95 0.93 0.00	39.26 0.97 0.00	44.38 0.87 0.00	57.39 1.08 0.00	60.75 1.32 0.00	54.21 1.36 0.00	42.90 1.14 0.00	40.21 1.41 0.00	39.89 1.42 0.00	42.72 1.33 0.00	48.60 1.55 0.00	51.86 1.64 0.00	49.07 1.80 0.00	43.50 1.63 0.00	51.61 2.14 0.00	50.35 2.14 0.00	52.91 2.15 0.00	56.98 1.64 0.00	57.62 1.36 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	42.26 0.68 0.00	47.11 0.89 0.00	38.30 0.80 0.00	34.90 0.84 0.00	35.32 0.79 0.00	34.92 0.90 0.00	39.24 0.94 0.00	44.35 0.84 0.00	57.35 1.03 0.00	60.69 1.26 0.00	54.16 1.31 0.00	42.86 1.10 0.00	40.17 1.37 0.00	39.85 1.38 0.00	42.68 1.29 0.00	48.55 1.50 0.00	51.81 1.58 0.00	49.02 1.75 0.00	43.45 1.59 0.00	51.56 2.09 0.00	50.30 2.09 0.00	52.86 2.09 0.00	56.92 1.58 0.00	57.56 1.30 0.00
FARRAGUT___LBMP 323566	42.23 0.65 0.00	47.08 0.87 0.00	38.28 0.77 0.00	34.89 0.82 0.00	35.30 0.77 0.00	34.90 0.88 0.00	39.21 0.91 0.00	44.32 0.81 0.00	57.32 1.00 0.00	60.65 1.21 0.00	54.12 1.28 0.00	42.81 1.06 0.00	40.14 1.34 0.00	39.82 1.36 0.00	42.65 1.26 0.00	48.51 1.46 0.00	51.77 1.54 0.00	48.98 1.70 0.00	43.43 1.56 0.00	51.51 2.04 0.00	50.27 2.06 0.00	52.82 2.05 0.00	56.89 1.55 0.00	57.52 1.26 0.00
FENNER___WINDPWR 24204	42.12 0.54 0.00	46.66 0.45 0.00	37.69 0.18 0.00	34.11 0.05 0.00	34.63 0.10 0.00	34.07 0.05 0.00	38.39 0.09 0.00	43.69 0.81 0.00	56.65 0.33 0.00	60.00 0.56 0.00	53.32 0.47 0.00	42.09 0.34 0.00	38.99 0.19 0.00	38.75 0.28 0.00	41.74 0.35 0.00	47.40 0.35 0.00	50.64 0.42 0.00	47.76 0.49 0.00	42.29 0.42 0.00	50.09 0.62 0.00	48.79 0.58 0.00	51.36 0.59 0.00	56.03 0.69 0.00	56.99 0.73 0.00
FIBERTEK___ENERGY 23856	41.51 -0.07 0.00	46.05 -0.16 0.00	37.29 -0.21 0.00	33.78 -0.28 0.00	34.28 -0.25 0.00	33.85 -0.17 0.00	38.17 -0.12 0.00	43.47 -0.04 0.00	56.31 -0.01 0.00	59.53 0.09 0.00	52.95 0.10 0.00	41.74 -0.02 0.00	38.72 -0.08 0.00	38.41 -0.06 0.00	41.40 0.01 0.00	47.05 0.00 0.00	50.28 0.06 0.00	47.41 0.14 0.00	41.98 0.11 0.00	49.67 0.20 0.00	48.39 0.18 0.00	50.87 0.10 0.00	55.41 0.07 0.00	56.39 0.13 0.00
FITZPATRICK____ 23598	40.71 -0.87 0.00	45.18 -1.03 0.00	36.61 -0.90 0.00	33.18 -0.88 0.00	33.65 -0.88 0.00	33.20 -0.81 0.00	37.41 -0.88 0.00	42.58 -0.93 0.00	55.17 -1.15 0.00	58.30 -1.13 0.00	51.82 -1.03 0.00	40.89 -0.86 0.00	37.95 -0.85 0.00	37.62 -0.85 0.00	40.55 -0.84 0.00	46.06 -0.99 0.00	49.13 -1.09 0.00	46.35 -0.92 0.00	41.01 -0.85 0.00	48.49 -0.98 0.00	47.26 -0.96 0.00	49.71 -1.06 0.00	54.23 -1.11 0.00	55.19 -1.07 0.00
FLOWRFLD_69_KV_BK1 356044	41.86 0.28 0.00	46.75 0.54 0.00	37.93 0.42 0.00	34.60 0.54 0.00	34.88 0.34 0.00	34.44 0.42 0.00	38.97 0.67 0.00	44.07 0.56 0.00	56.87 0.55 0.00	60.77 1.20 -0.13	57.21 1.40 -2.97	43.24 1.23 -0.25	41.88 1.66 -1.42	41.37 1.69 -1.22	42.00 1.37 0.76	46.21 1.70 2.54	48.76 1.77 3.23	50.94 1.90 -1.77	43.50 1.56 -0.08	55.50 1.86 -4.17	54.98 2.17 -4.60	58.77 2.35 -5.66	63.64 1.89 -6.40	59.31 1.55 -1.49
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	42.40 0.82 0.00	47.24 1.02 0.00	38.38 0.88 0.00	34.95 0.89 0.00	35.40 0.86 0.00	34.96 0.94 0.00	39.34 1.04 0.00	44.54 1.03 0.00	57.69 1.37 0.00	60.98 1.54 0.00	54.37 1.53 0.00	43.02 1.26 0.00	40.27 1.46 0.00	39.96 1.49 0.00	42.84 1.45 0.00	48.76 1.71 0.00	52.07 1.85 0.00	49.25 1.98 0.00	43.70 1.83 0.00	51.81 2.34 0.00	50.53 2.31 0.00	53.08 2.31 0.00	57.24 1.90 0.00	57.86 1.60 0.00
FORT ORANGE____ 23900	41.53 -0.05 0.00	46.24 0.03 0.00	37.67 0.17 0.00	34.33 0.27 0.00	34.87 0.34 0.00	34.34 0.32 0.00	38.38 0.09 0.00	43.44 -0.07 0.00	56.21 -0.11 0.00	59.18 -0.25 0.00	52.62 -0.23 0.00	41.65 -0.10 0.00	38.92 0.12 0.00	38.67 0.20 0.00	41.40 0.00 0.00	47.14 0.09 0.00	50.45 0.23 0.00	47.55 0.28 0.00	42.21 0.34 0.00	49.89 0.42 0.00	48.62 0.40 0.00	51.09 0.32 0.00	55.27 -0.07 0.00	55.86 -0.40 0.00
FORT_DRUM_COGEN 23780	41.97 0.39 0.00	46.25 0.04 0.00	37.22 -0.29 0.00	33.75 -0.32 0.00	34.14 -0.39 0.00	32.81 -1.20 0.00	37.03 -1.27 0.00	42.32 -1.20 0.00	54.71 -1.61 0.00	58.39 -1.05 0.00	51.41 -1.44 0.00	40.63 -1.13 0.00	37.45 -1.35 0.00	36.04 -2.43 0.00	38.60 -2.79 0.00	44.65 -2.40 0.00	48.38 -1.85 0.00	47.30 -1.52 -1.56	40.53 -1.34 0.00	47.76 -1.71 0.00	47.15 -1.06 0.00	49.93 -0.84 0.00	54.10 -1.24 0.00	55.27 -0.99 0.00
FOX_HILLS___ESR 323835	57.88 1.05 -15.24	53.88 1.25 -6.42	53.23 1.08 -14.64	53.21 1.11 -18.04	53.22 1.06 -17.63	53.22 1.22 -17.98	53.29 1.29 -13.71	53.89 1.14 -9.25	58.64 1.32 -1.01	61.14 1.61 -0.10	57.31 1.66 -2.81	57.62 1.37 -14.49	56.37 1.64 -15.92	57.06 1.66 -16.93	56.21 1.59 -13.22	60.05 1.83 -11.17	63.79 1.92 -11.65	60.15 2.10 -10.78	57.20 1.88 -13.45	62.60 2.39 -10.73	64.80 2.39 -14.20	64.04 2.40 -10.87	62.03 1.92 -4.76	63.36 1.66 -5.44
FPL FAR_ROCK_GT1 24212	42.65 1.07 0.00	47.57 1.36 0.00	38.61 1.10 0.00	35.17 1.11 0.00	35.55 1.02 0.00	35.12 1.11 0.00	39.58 1.29 0.00	44.75 1.24 0.00	57.90 1.58 0.00	63.65 2.08 -2.14	106.26 2.12 -51.30	92.40 1.85 -48.79	62.13 2.12 -21.22	58.88 2.15 -18.25	53.26 2.05 -9.81	83.69 2.44 -34.20	100.21 2.60 -47.39	93.45 2.42 -43.76	116.41 2.06 -72.48	121.13 2.51 -69.14	111.97 2.61 -61.14	142.17 2.72 -88.68	164.56 2.56 -106.65	81.02 2.31 -22.45

FPL FAR_ROCK_GT2 23815	42.65 1.07 0.00	47.57 1.36 0.00	38.61 1.10 0.00	35.17 1.11 0.00	35.55 1.02 0.00	35.12 1.11 0.00	39.58 1.29 0.00	44.75 1.24 0.00	57.90 1.58 0.00	63.65 2.08 -2.14	106.26 2.12 -51.30	92.40 1.85 -48.79	62.13 2.12 -21.22	58.88 2.15 -18.25	53.26 2.05 -9.81	83.69 2.44 -34.20	100.21 2.60 -47.39	93.45 2.42 -43.76	116.41 2.06 -72.48	121.13 2.51 -69.14	111.97 2.61 -61.14	142.17 2.72 -88.68	164.56 2.56 -106.65	81.02 2.31 -22.45
FRANKLIN_FALL_HYD 24054	42.99 1.40 0.00	47.74 1.53 0.00	38.42 0.91 0.00	34.90 0.84 0.00	35.46 0.93 0.00	34.61 0.59 0.00	39.19 0.89 0.00	44.63 1.11 0.00	57.90 1.58 0.00	60.87 1.44 0.00	54.01 1.16 0.00	42.78 1.02 0.00	39.37 0.57 0.00	38.62 0.15 0.00	41.50 0.10 0.00	47.06 0.01 0.00	49.96 -0.26 0.00	70.59 -0.94 -24.26	41.20 -0.67 0.00	48.84 -0.63 0.00	47.18 -1.03 0.00	49.80 -0.97 0.00	55.46 0.12 0.00	56.77 0.51 0.00
FREEPORT_EQUS_GT1 23764	42.35 0.77 0.00	47.25 1.03 0.00	38.34 0.83 0.00	34.92 0.87 0.00	35.29 0.76 0.00	34.88 0.86 0.00	39.33 1.03 0.00	44.46 0.94 0.00	57.50 1.18 0.00	61.97 1.69 -0.85	74.90 1.81 -20.24	60.57 1.58 -17.23	49.71 1.88 -9.03	48.14 1.92 -7.75	46.35 1.76 -3.19	59.25 2.05 -10.14	66.40 2.22 -13.96	66.47 2.27 -16.93	69.77 1.94 -25.96	79.21 2.36 -27.39	75.68 2.48 -24.98	88.75 2.61 -35.38	99.80 2.23 -42.22	67.67 1.95 -9.46
FREEPORT___CT2 23818	42.35 0.77 0.00	47.25 1.03 0.00	38.34 0.83 0.00	34.92 0.87 0.00	35.29 0.76 0.00	34.88 0.86 0.00	39.33 1.03 0.00	44.46 0.94 0.00	57.50 1.18 0.00	61.97 1.69 -0.85	74.90 1.81 -20.24	60.57 1.58 -17.23	49.71 1.88 -9.03	48.14 1.92 -7.75	46.35 1.76 -3.19	59.25 2.05 -10.14	66.40 2.22 -13.96	66.47 2.27 -16.93	69.77 1.94 -25.96	79.21 2.36 -27.39	75.68 2.48 -24.98	88.75 2.61 -35.38	99.80 2.23 -42.22	67.67 1.95 -9.46
FRESHKLS_33_KV_LOAD 356253	57.87 1.04 -15.24	53.88 1.25 -6.42	53.22 1.07 -14.64	53.21 1.11 -18.04	53.21 1.04 -17.63	53.21 1.21 -17.98	53.29 1.28 -13.71	53.87 1.12 -9.25	58.56 1.23 -1.01	61.01 1.48 -0.10	57.23 1.57 -2.81	57.56 1.31 -14.49	56.27 1.55 -15.92	56.98 1.59 -16.93	56.13 1.51 -13.22	59.97 1.75 -11.17	63.70 1.82 -11.65	60.09 2.04 -10.78	57.14 1.81 -13.45	62.53 2.32 -10.73	64.71 2.30 -14.20	63.97 2.33 -10.87	61.96 1.85 -4.76	63.29 1.59 -5.44
FULTON COGEN____ 23766	40.95 -0.63 0.00	45.42 -0.80 0.00	36.80 -0.71 0.00	33.34 -0.72 0.00	33.83 -0.70 0.00	33.39 -0.67 0.00	37.63 -0.67 0.00	42.84 -0.68 0.00	55.55 -0.77 0.00	58.74 -0.70 0.00	52.22 -0.62 0.00	41.17 -0.58 0.00	38.22 -0.57 0.00	37.87 -0.60 0.00	40.81 -0.58 0.00	46.39 -0.66 0.00	49.58 -0.65 0.00	46.77 -0.50 0.00	41.38 -0.49 0.00	48.90 -0.57 0.00	47.65 -0.57 0.00	50.13 -0.64 0.00	54.63 -0.71 0.00	55.56 -0.70 0.00
FULTON___LFGE 323630	43.69 2.11 0.00	48.42 2.21 0.00	39.16 1.66 0.00	35.40 1.34 0.00	35.90 1.37 0.00	35.33 1.31 0.00	39.91 1.61 0.00	45.52 2.00 0.00	59.02 2.70 0.00	62.42 2.99 0.00	55.70 2.85 0.00	43.85 2.09 0.00	40.55 1.75 0.00	40.11 1.64 0.00	43.50 2.11 0.00	49.40 2.35 0.00	52.91 2.68 0.00	49.90 2.63 0.00	44.15 2.28 0.00	52.21 2.74 0.00	50.88 2.66 0.00	53.53 2.76 0.00	58.33 2.99 0.00	59.27 3.01 0.00
G.F.CEMENT___DRP 24184	42.95 1.37 0.00	47.92 1.71 0.00	38.96 1.45 0.00	35.41 1.35 0.00	36.00 1.47 0.00	35.52 1.50 0.00	39.94 1.65 0.00	45.27 1.75 0.00	58.55 2.23 0.00	61.59 2.16 0.00	54.84 2.00 0.00	43.41 1.66 0.00	40.54 1.74 0.00	40.32 1.84 0.00	43.22 1.83 0.00	49.27 2.22 0.00	52.68 2.46 0.00	49.82 2.55 0.00	44.26 2.39 0.00	52.16 2.70 0.00	50.67 2.46 0.00	53.21 2.44 0.00	57.54 2.19 0.00	58.04 1.78 0.00
GARDENVILLE___LBMP 24039	41.03 -0.55 0.00	45.11 -1.10 0.00	36.15 -1.35 0.00	32.19 -1.87 0.00	32.78 -1.75 0.00	32.74 -1.28 0.00	36.96 -1.33 0.00	42.52 -1.00 0.00	55.40 -0.92 0.00	58.84 -0.59 0.00	52.09 -0.75 0.00	41.05 -0.71 0.00	37.60 -1.20 0.00	37.32 -1.15 0.00	40.80 -0.60 0.00	45.99 -1.06 0.00	48.79 -1.43 0.00	46.25 -1.02 0.00	40.54 -1.33 0.00	47.70 -1.77 0.00	46.53 -1.69 0.00	49.39 -1.38 0.00	55.14 -0.20 0.00	56.89 0.63 0.00
GARDNVLA_35_KV_LD 355827	41.26 -0.32 0.00	45.33 -0.88 0.00	36.31 -1.19 0.00	32.34 -1.72 0.00	32.92 -1.62 0.00	32.89 -1.12 0.00	37.15 -1.15 0.00	42.76 -0.75 0.00	55.74 -0.58 0.00	59.22 -0.22 0.00	52.44 -0.41 0.00	41.34 -0.42 0.00	37.85 -0.95 0.00	37.58 -0.89 0.00	41.06 -0.33 0.00	46.23 -0.82 0.00	49.09 -1.14 0.00	46.51 -0.76 0.00	40.78 -1.09 0.00	47.95 -1.52 0.00	46.74 -1.47 0.00	49.60 -1.17 0.00	55.41 0.06 0.00	57.14 0.88 0.00
GELCKHM___115KV_LOAD 80723	41.26 -0.32 0.00	45.76 -0.46 0.00	37.07 -0.44 0.00	33.58 -0.49 0.00	34.06 -0.47 0.00	33.63 -0.39 0.00	37.91 -0.39 0.00	43.18 -0.34 0.00	55.95 -0.38 0.00	59.16 -0.28 0.00	52.60 -0.25 0.00	41.48 -0.28 0.00	38.47 -0.33 0.00	38.15 -0.32 0.00	41.13 -0.26 0.00	46.74 -0.31 0.00	49.95 -0.27 0.00	47.09 -0.18 0.00	41.68 -0.19 0.00	49.28 -0.19 0.00	48.02 -0.20 0.00	50.51 -0.26 0.00	55.06 -0.28 0.00	56.02 -0.24 0.00
GENERAL___MILLS 23808	41.14 -0.44 0.00	45.23 -0.99 0.00	36.24 -1.26 0.00	32.28 -1.79 0.00	32.85 -1.68 0.00	32.83 -1.19 0.00	37.07 -1.23 0.00	42.65 -0.87 0.00	55.58 -0.74 0.00	59.04 -0.39 0.00	52.26 -0.59 0.00	41.19 -0.56 0.00	37.72 -1.08 0.00	37.45 -1.02 0.00	40.93 -0.47 0.00	46.09 -0.96 0.00	48.93 -1.29 0.00	46.37 -0.90 0.00	40.65 -1.22 0.00	47.82 -1.66 0.00	46.62 -1.59 0.00	49.48 -1.29 0.00	55.27 -0.07 0.00	57.00 0.74 0.00
GE_PLASTICS___DRP 24183	41.49 -0.09 0.00	46.20 -0.02 0.00	37.62 0.11 0.00	34.28 0.22 0.00	34.80 0.27 0.00	34.26 0.24 0.00	38.36 0.06 0.00	43.44 -0.07 0.00	56.17 -0.15 0.00	59.17 -0.27 0.00	52.63 -0.22 0.00	41.65 -0.10 0.00	38.90 0.10 0.00	38.64 0.16 0.00	41.39 0.00 0.00	47.13 0.08 0.00	50.38 0.15 0.00	47.47 0.20 0.00	42.14 0.27 0.00	49.81 0.34 0.00	48.56 0.35 0.00	51.06 0.30 0.00	55.28 -0.06 0.00	55.95 -0.31 0.00
GILBOA___1 23756	41.67 0.08 0.00	46.37 0.16 0.00	37.82 0.31 0.00	34.51 0.45 0.00	34.98 0.45 0.00	34.27 0.25 0.00	38.51 0.21 0.00	43.66 0.14 0.00	56.48 0.16 0.00	59.59 0.15 0.00	53.04 0.19 0.00	41.94 0.19 0.00	39.14 0.34 0.00	38.84 0.37 0.00	41.70 0.31 0.00	47.43 0.38 0.00	50.66 0.43 0.00	47.75 0.48 0.00	42.33 0.46 0.00	50.10 0.63 0.00	48.93 0.72 0.00	51.46 0.69 0.00	55.77 0.42 0.00	56.50 0.24 0.00
GILBOA___2 23757	41.67 0.08 0.00	46.37 0.16 0.00	37.82 0.31 0.00	34.51 0.45 0.00	34.98 0.45 0.00	34.27 0.25 0.00	38.51 0.21 0.00	43.66 0.14 0.00	56.48 0.16 0.00	59.59 0.15 0.00	53.04 0.19 0.00	41.94 0.19 0.00	39.14 0.34 0.00	38.84 0.37 0.00	41.70 0.31 0.00	47.43 0.38 0.00	50.66 0.43 0.00	47.75 0.48 0.00	42.33 0.46 0.00	50.10 0.63 0.00	48.93 0.72 0.00	51.46 0.69 0.00	55.77 0.42 0.00	56.50 0.24 0.00

GILBOA___3 23758	41.67 0.08 0.00	46.37 0.16 0.00	37.82 0.31 0.00	34.51 0.45 0.00	34.98 0.45 0.00	34.27 0.25 0.00	38.51 0.21 0.00	43.66 0.14 0.00	56.48 0.16 0.00	59.59 0.15 0.00	53.04 0.19 0.00	41.94 0.19 0.00	39.14 0.34 0.00	38.84 0.37 0.00	41.70 0.31 0.00	47.43 0.38 0.00	50.66 0.43 0.00	47.75 0.48 0.00	42.33 0.46 0.00	50.10 0.63 0.00	48.93 0.72 0.00	51.46 0.69 0.00	55.77 0.42 0.00	56.50 0.24 0.00
GILBOA___4 23759	41.67 0.08 0.00	46.37 0.16 0.00	37.82 0.31 0.00	34.51 0.45 0.00	34.98 0.45 0.00	34.27 0.25 0.00	38.51 0.21 0.00	43.66 0.14 0.00	56.48 0.16 0.00	59.59 0.15 0.00	53.04 0.19 0.00	41.94 0.19 0.00	39.14 0.34 0.00	38.84 0.37 0.00	41.70 0.31 0.00	47.43 0.38 0.00	50.66 0.43 0.00	47.75 0.48 0.00	42.33 0.46 0.00	50.10 0.63 0.00	48.93 0.72 0.00	51.46 0.69 0.00	55.77 0.42 0.00	56.50 0.24 0.00
GILBOA___ 23599	41.67 0.08 0.00	46.38 0.16 0.00	37.82 0.31 0.00	34.51 0.45 0.00	34.99 0.46 0.00	34.27 0.25 0.00	38.51 0.21 0.00	43.66 0.14 0.00	56.48 0.16 0.00	59.59 0.15 0.00	53.04 0.19 0.00	41.94 0.18 0.00	39.14 0.34 0.00	38.84 0.37 0.00	41.70 0.31 0.00	47.43 0.38 0.00	50.66 0.43 0.00	47.75 0.48 0.00	42.32 0.45 0.00	50.10 0.63 0.00	48.93 0.72 0.00	51.46 0.69 0.00	55.76 0.41 0.00	56.50 0.24 0.00
GINNA___ 23603	39.54 -2.04 0.00	43.65 -2.57 0.00	35.19 -2.31 0.00	31.65 -2.41 0.00	32.17 -2.36 0.00	31.96 -2.06 0.00	36.12 -2.18 0.00	41.41 -2.10 0.00	53.92 -2.40 0.00	57.15 -2.28 0.00	50.65 -2.19 0.00	39.89 -1.87 0.00	36.68 -2.12 0.00	36.38 -2.09 0.00	39.55 -1.84 0.00	44.71 -2.34 0.00	47.73 -2.50 0.00	45.04 -2.23 0.00	39.69 -2.18 0.00	46.79 -2.68 0.00	45.58 -2.64 0.00	48.08 -2.69 0.00	52.90 -2.44 0.00	54.09 -2.17 0.00
GLEN PARK___ 23778	42.04 0.46 0.00	46.34 0.13 0.00	37.28 -0.23 0.00	33.80 -0.26 0.00	34.20 -0.33 0.00	32.90 -1.12 0.00	37.14 -1.15 0.00	42.47 -1.04 0.00	54.93 -1.40 0.00	58.60 -0.83 0.00	51.63 -1.22 0.00	40.79 -0.96 0.00	37.61 -1.19 0.00	36.03 -2.44 0.00	38.54 -2.85 0.00	44.71 -2.33 0.00	48.55 -1.67 0.00	47.44 -1.31 0.00	40.72 -1.15 0.00	47.97 -1.49 0.00	47.37 -0.84 0.00	50.13 -0.64 0.00	54.28 -1.07 0.00	55.42 -0.85 0.00
GLENDALE_27_KV_LOAD 356172	42.59 1.00 -0.01	47.43 1.21 0.00	38.55 1.04 0.00	35.14 1.08 -0.01	35.55 1.01 0.00	35.17 1.15 -0.01	39.48 1.19 0.00	44.58 1.07 0.00	57.67 1.35 0.00	61.09 1.66 0.00	54.54 1.69 0.00	43.15 1.40 0.00	40.46 1.65 0.00	40.13 1.66 0.00	42.99 1.60 0.00	48.89 1.85 0.00	52.17 1.94 0.00	49.37 2.10 0.00	43.76 1.89 0.00	51.87 2.40 0.00	50.62 2.41 0.00	53.18 2.41 0.00	57.25 1.91 0.00	57.88 1.63 0.00
GLENWOOD_IC_1_G5 23712	42.39 0.81 0.00	47.28 1.06 0.00	38.39 0.89 0.00	34.98 0.91 0.00	35.37 0.84 0.00	34.95 0.93 0.00	39.37 1.07 0.00	44.49 0.97 0.00	57.54 1.22 0.00	61.72 1.58 -0.70	71.42 1.68 -16.89	55.63 1.43 -12.45	47.96 1.68 -7.48	46.61 1.72 -6.42	44.66 1.60 -1.67	54.19 1.89 -5.25	59.71 2.03 -7.46	62.76 2.11 -13.37	64.69 1.87 -20.95	74.66 2.34 -22.85	72.17 2.40 -21.55	82.98 2.46 -29.75	92.63 2.05 -35.24	65.88 1.77 -7.85
GLENWOOD_IC_2_G1 23688	42.23 0.65 0.00	47.09 0.88 0.00	38.25 0.75 0.00	34.85 0.79 0.00	35.26 0.73 0.00	34.85 0.83 0.00	39.21 0.91 0.00	44.32 0.81 0.00	57.30 0.98 0.00	60.73 1.28 -0.02	54.68 1.37 -0.46	43.18 1.17 -0.25	40.45 1.44 -0.20	40.12 1.48 -0.17	42.75 1.36 0.00	48.65 1.60 0.00	51.94 1.70 -0.02	49.43 1.82 -0.33	44.06 1.65 -0.54	52.17 2.08 -0.62	50.97 2.14 -0.62	53.77 2.18 -0.82	58.05 1.74 -0.96	57.94 1.46 -0.21
GLENWOOD_IC_3_G1 23689	42.23 0.65 0.00	47.09 0.88 0.00	38.25 0.75 0.00	34.85 0.79 0.00	35.26 0.73 0.00	34.85 0.83 0.00	39.21 0.91 0.00	44.32 0.81 0.00	57.30 0.98 0.00	60.73 1.28 -0.02	54.68 1.37 -0.46	43.18 1.17 -0.25	40.45 1.44 -0.20	40.12 1.48 -0.17	42.75 1.36 0.00	48.65 1.60 0.00	51.94 1.70 -0.02	49.43 1.82 -0.33	44.06 1.65 -0.54	52.17 2.08 -0.62	50.97 2.14 -0.62	53.77 2.18 -0.82	58.05 1.74 -0.96	57.94 1.46 -0.21
GLENWOOD___4 23550	42.39 0.81 0.00	47.28 1.06 0.00	38.39 0.89 0.00	34.98 0.91 0.00	35.37 0.84 0.00	34.95 0.93 0.00	39.37 1.07 0.00	44.49 0.97 0.00	57.54 1.22 0.00	61.72 1.58 -0.70	71.42 1.68 -16.89	55.63 1.43 -12.45	47.96 1.68 -7.48	46.61 1.72 -6.42	44.66 1.60 -1.67	54.19 1.89 -5.25	59.71 2.03 -7.46	62.76 2.11 -13.37	64.69 1.87 -20.95	74.66 2.34 -22.85	72.17 2.40 -21.55	82.98 2.46 -29.75	92.63 2.05 -35.24	65.88 1.77 -7.85
GLENWOOD___5 23614	42.39 0.81 0.00	47.28 1.06 0.00	38.39 0.89 0.00	34.98 0.91 0.00	35.37 0.84 0.00	34.95 0.93 0.00	39.37 1.07 0.00	44.49 0.97 0.00	57.54 1.22 0.00	61.72 1.58 -0.70	71.42 1.68 -16.89	55.63 1.43 -12.45	47.96 1.68 -7.48	46.61 1.72 -6.42	44.66 1.60 -1.67	54.19 1.89 -5.25	59.71 2.03 -7.46	62.76 2.11 -13.37	64.69 1.87 -20.95	74.66 2.34 -22.85	72.17 2.40 -21.55	82.98 2.46 -29.75	92.63 2.05 -35.24	65.88 1.77 -7.85
GLOBAL GREEN_PORT_GT1 23814	42.37 0.78 0.00	47.28 1.07 0.00	38.32 0.82 0.00	34.98 0.92 0.00	35.02 0.49 0.00	33.57 -0.44 0.00	38.11 -0.19 0.00	43.11 -0.41 0.00	55.56 -0.76 0.00	60.19 0.63 -0.12	55.85 0.25 -2.75	42.26 0.46 -0.05	41.37 1.25 -1.32	40.82 1.22 -1.14	41.52 0.93 0.80	45.84 1.48 2.69	47.53 0.74 3.43	49.70 0.86 -1.57	42.36 0.73 0.24	54.22 0.87 -3.88	54.54 1.99 -4.34	59.07 3.02 -5.27	63.78 2.49 -5.94	60.16 2.51 -1.39
GLOBE___DSASP 323697	40.26 -1.32 0.00	44.20 -2.02 0.00	35.40 -2.10 0.00	31.51 -2.56 0.00	32.08 -2.46 0.00	32.11 -1.91 0.00	36.25 -2.05 0.00	41.82 -1.69 0.00	54.60 -1.72 0.00	57.99 -1.44 0.00	51.32 -1.53 0.00	40.46 -1.29 0.00	37.01 -1.79 0.00	36.73 -1.74 0.00	40.12 -1.27 0.00	45.13 -1.92 0.00	47.88 -2.34 0.00	45.24 -2.03 0.00	39.61 -2.26 0.00	46.51 -2.96 0.00	45.31 -2.90 0.00	48.07 -2.70 0.00	53.88 -1.47 0.00	55.61 -0.65 0.00
GOETHSLN___LBMP 323567	42.04 0.46 0.00	46.88 0.67 0.00	38.11 0.61 0.00	34.73 0.67 0.00	35.15 0.62 0.00	34.74 0.73 0.00	39.04 0.74 0.00	44.10 0.59 0.00	57.03 0.71 0.00	60.34 0.90 0.00	53.84 1.00 0.00	42.58 0.82 0.00	39.94 1.14 0.00	39.62 1.15 0.00	42.43 1.03 0.00	48.25 1.20 0.00	51.46 1.24 0.00	48.71 1.44 0.00	43.18 1.32 0.00	51.26 1.79 0.00	50.04 1.83 0.00	52.59 1.82 0.00	56.60 1.26 0.00	57.27 1.01 0.00
GOLAH___69_KV_TB 1_2 80279	41.52 -0.06 0.00	45.77 -0.44 0.00	36.81 -0.69 0.00	33.01 -1.05 0.00	33.57 -0.96 0.00	33.44 -0.58 0.00	37.78 -0.51 0.00	43.39 -0.12 0.00	56.55 0.23 0.00	60.01 0.58 0.00	53.08 0.23 0.00	41.70 -0.05 0.00	38.24 -0.56 0.00	37.93 -0.55 0.00	41.28 -0.11 0.00	46.68 -0.37 0.00	49.78 -0.44 0.00	47.11 -0.16 0.00	41.51 -0.36 0.00	48.91 -0.56 0.00	47.64 -0.57 0.00	50.29 -0.48 0.00	55.61 0.26 0.00	56.99 0.72 0.00

GOODYEAR_LAKE_HYD 323669	42.86 1.28 0.00	47.53 1.32 0.00	38.46 0.96 0.00	34.79 0.73 0.00	35.25 0.72 0.00	34.69 0.67 0.00	39.17 0.87 0.00	44.59 1.07 0.00	57.85 1.53 0.00	61.22 1.79 0.00	54.58 1.74 0.00	43.07 1.31 0.00	39.98 1.18 0.00	39.58 1.11 0.00	42.75 1.36 0.00	48.55 1.51 0.00	51.88 1.65 0.00	48.96 1.69 0.00	43.34 1.47 0.00	51.33 1.86 0.00	50.08 1.86 0.00	52.65 1.88 0.00	57.27 1.93 0.00	58.23 1.97 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	41.50 -0.08 0.00	46.05 -0.16 0.00	37.23 -0.28 0.00	33.67 -0.39 0.00	34.13 -0.40 0.00	33.71 -0.31 0.00	38.04 -0.26 0.00	43.26 -0.25 0.00	56.03 -0.29 0.00	59.26 -0.18 0.00	52.61 -0.24 0.00	41.48 -0.28 0.00	38.57 -0.23 0.00	38.20 -0.27 0.00	41.28 -0.11 0.00	46.87 -0.18 0.00	50.01 -0.22 0.00	47.37 0.10 0.00	41.97 0.10 0.00	49.75 0.28 0.00	48.48 0.27 0.00	50.99 0.22 0.00	55.53 0.19 0.00	56.62 0.36 0.00
GOUDEY___7 23579	41.50 -0.08 0.00	46.05 -0.16 0.00	37.23 -0.28 0.00	33.67 -0.39 0.00	34.13 -0.40 0.00	33.71 -0.31 0.00	38.04 -0.26 0.00	43.26 -0.25 0.00	56.03 -0.29 0.00	59.26 -0.18 0.00	52.61 -0.24 0.00	41.48 -0.28 0.00	38.57 -0.23 0.00	38.20 -0.27 0.00	41.28 -0.11 0.00	46.87 -0.18 0.00	50.01 -0.22 0.00	47.37 0.10 0.00	41.97 0.10 0.00	49.75 0.28 0.00	48.48 0.27 0.00	50.99 0.22 0.00	55.53 0.19 0.00	56.62 0.36 0.00
GOUDEY___8 23580	41.50 -0.08 0.00	46.05 -0.16 0.00	37.23 -0.28 0.00	33.67 -0.39 0.00	34.13 -0.40 0.00	33.71 -0.31 0.00	38.04 -0.26 0.00	43.26 -0.25 0.00	56.03 -0.29 0.00	59.26 -0.18 0.00	52.61 -0.24 0.00	41.48 -0.28 0.00	38.57 -0.23 0.00	38.20 -0.27 0.00	41.28 -0.11 0.00	46.87 -0.18 0.00	50.01 -0.22 0.00	47.37 0.10 0.00	41.97 0.10 0.00	49.75 0.28 0.00	48.48 0.27 0.00	50.99 0.22 0.00	55.53 0.19 0.00	56.62 0.36 0.00
GOWANUS_GT1_1 24077	57.94 1.12 -15.24	53.96 1.32 -6.42	53.28 1.13 -14.64	53.27 1.16 -18.04	53.27 1.10 -17.63	53.26 1.26 -17.98	53.34 1.34 -13.71	53.97 1.21 -9.25	58.82 1.49 -1.01	61.32 1.79 -0.10	57.48 1.83 -2.81	57.75 1.50 -14.49	56.48 1.76 -15.92	57.17 1.78 -16.93	56.33 1.72 -13.22	60.19 1.97 -11.17	63.96 2.08 -11.65	60.29 2.23 -10.78	57.32 2.00 -13.45	62.74 2.53 -10.73	64.94 2.53 -14.20	64.19 2.54 -10.87	62.17 2.06 -4.76	63.49 1.79 -5.44
GOWANUS_GT1_2 24078	57.94 1.12 -15.24	53.96 1.32 -6.42	53.28 1.13 -14.64	53.27 1.16 -18.04	53.27 1.10 -17.63	53.26 1.26 -17.98	53.34 1.34 -13.71	53.97 1.21 -9.25	58.82 1.49 -1.01	61.32 1.79 -0.10	57.48 1.83 -2.81	57.75 1.50 -14.49	56.48 1.76 -15.92	57.17 1.78 -16.93	56.33 1.72 -13.22	60.19 1.97 -11.17	63.96 2.08 -11.65	60.29 2.23 -10.78	57.32 2.00 -13.45	62.74 2.53 -10.73	64.94 2.53 -14.20	64.19 2.54 -10.87	62.17 2.06 -4.76	63.49 1.79 -5.44
GOWANUS_GT1_3 24079	57.94 1.12 -15.24	53.96 1.32 -6.42	53.28 1.13 -14.64	53.27 1.16 -18.04	53.27 1.10 -17.63	53.26 1.26 -17.98	53.34 1.34 -13.71	53.97 1.21 -9.25	58.82 1.49 -1.01	61.32 1.79 -0.10	57.48 1.83 -2.81	57.75 1.50 -14.49	56.48 1.76 -15.92	57.17 1.78 -16.93	56.33 1.72 -13.22	60.19 1.97 -11.17	63.96 2.08 -11.65	60.29 2.23 -10.78	57.32 2.00 -13.45	62.74 2.53 -10.73	64.94 2.53 -14.20	64.19 2.54 -10.87	62.17 2.06 -4.76	63.49 1.79 -5.44
GOWANUS_GT1_4 24080	57.94 1.12 -15.24	53.96 1.32 -6.42	53.28 1.13 -14.64	53.27 1.16 -18.04	53.27 1.10 -17.63	53.26 1.26 -17.98	53.34 1.34 -13.71	53.97 1.21 -9.25	58.82 1.49 -1.01	61.32 1.79 -0.10	57.48 1.83 -2.81	57.75 1.50 -14.49	56.48 1.76 -15.92	57.17 1.78 -16.93	56.33 1.72 -13.22	60.19 1.97 -11.17	63.96 2.08 -11.65	60.29 2.23 -10.78	57.32 2.00 -13.45	62.74 2.53 -10.73	64.94 2.53 -14.20	64.19 2.54 -10.87	62.17 2.06 -4.76	63.49 1.79 -5.44
GOWANUS_GT1_5 24084	57.94 1.12 -15.24	53.96 1.32 -6.42	53.28 1.13 -14.64	53.27 1.16 -18.04	53.27 1.10 -17.63	53.26 1.26 -17.98	53.34 1.34 -13.71	53.97 1.21 -9.25	58.82 1.49 -1.01	61.32 1.79 -0.10	57.48 1.83 -2.81	57.75 1.50 -14.49	56.48 1.76 -15.92	57.17 1.78 -16.93	56.33 1.72 -13.22	60.19 1.97 -11.17	63.96 2.08 -11.65	60.29 2.23 -10.78	57.32 2.00 -13.45	62.74 2.53 -10.73	64.94 2.53 -14.20	64.19 2.54 -10.87	62.17 2.06 -4.76	63.49 1.79 -5.44
GOWANUS_GT1_6 24111	57.94 1.12 -15.24	53.96 1.32 -6.42	53.28 1.13 -14.64	53.27 1.16 -18.04	53.27 1.10 -17.63	53.26 1.26 -17.98	53.34 1.34 -13.71	53.97 1.21 -9.25	58.82 1.49 -1.01	61.32 1.79 -0.10	57.48 1.83 -2.81	57.75 1.50 -14.49	56.48 1.76 -15.92	57.17 1.78 -16.93	56.33 1.72 -13.22	60.19 1.97 -11.17	63.96 2.08 -11.65	60.29 2.23 -10.78	57.32 2.00 -13.45	62.74 2.53 -10.73	64.94 2.53 -14.20	64.19 2.54 -10.87	62.17 2.06 -4.76	63.49 1.79 -5.44
GOWANUS_GT1_7 24112	57.94 1.12 -15.24	53.96 1.32 -6.42	53.28 1.13 -14.64	53.27 1.16 -18.04	53.27 1.10 -17.63	53.26 1.26 -17.98	53.34 1.34 -13.71	53.97 1.21 -9.25	58.82 1.49 -1.01	61.32 1.79 -0.10	57.48 1.83 -2.81	57.75 1.50 -14.49	56.48 1.76 -15.92	57.17 1.78 -16.93	56.33 1.72 -13.22	60.19 1.97 -11.17	63.96 2.08 -11.65	60.29 2.23 -10.78	57.32 2.00 -13.45	62.74 2.53 -10.73	64.94 2.53 -14.20	64.19 2.54 -10.87	62.17 2.06 -4.76	63.49 1.79 -5.44
GOWANUS_GT1_8 24113	57.94 1.12 -15.24	53.96 1.32 -6.42	53.28 1.13 -14.64	53.27 1.16 -18.04	53.27 1.10 -17.63	53.26 1.26 -17.98	53.34 1.34 -13.71	53.97 1.21 -9.25	58.82 1.49 -1.01	61.32 1.79 -0.10	57.48 1.83 -2.81	57.75 1.50 -14.49	56.48 1.76 -15.92	57.17 1.78 -16.93	56.33 1.72 -13.22	60.19 1.97 -11.17	63.96 2.08 -11.65	60.29 2.23 -10.78	57.32 2.00 -13.45	62.74 2.53 -10.73	64.94 2.53 -14.20	64.19 2.54 -10.87	62.17 2.06 -4.76	63.49 1.79 -5.44
GOWANUS_GT2_1 24114	57.94 1.12 -15.24	53.95 1.32 -6.42	53.28 1.14 -14.64	53.26 1.16 -18.04	53.27 1.11 -17.63	53.26 1.26 -17.98	53.34 1.33 -13.71	53.98 1.21 -9.25	58.82 1.49 -1.01	61.32 1.79 -0.10	57.48 1.83 -2.81	57.77 1.52 -14.49	56.49 1.77 -15.92	57.18 1.78 -16.93	56.33 1.72 -13.22	60.19 1.97 -11.17	63.96 2.08 -11.65	60.29 2.24 -10.78	57.33 2.01 -13.45	62.74 2.54 -10.73	64.94 2.53 -14.20	64.19 2.55 -10.87	62.17 2.06 -4.76	63.50 1.80 -5.44
GOWANUS_GT2_2 24115	57.94 1.12 -15.24	53.95 1.32 -6.42	53.28 1.14 -14.64	53.26 1.16 -18.04	53.27 1.11 -17.63	53.26 1.26 -17.98	53.34 1.33 -13.71	53.98 1.21 -9.25	58.82 1.49 -1.01	61.32 1.79 -0.10	57.48 1.83 -2.81	57.77 1.52 -14.49	56.49 1.77 -15.92	57.18 1.78 -16.93	56.33 1.72 -13.22	60.19 1.97 -11.17	63.96 2.08 -11.65	60.29 2.24 -10.78	57.33 2.01 -13.45	62.74 2.54 -10.73	64.94 2.53 -14.20	64.19 2.55 -10.87	62.17 2.06 -4.76	63.50 1.80 -5.44
GOWANUS_GT2_3 24116	57.94 1.12 -15.24	53.95 1.32 -6.42	53.28 1.14 -14.64	53.26 1.16 -18.04	53.27 1.11 -17.63	53.26 1.26 -17.98	53.34 1.33 -13.71	53.98 1.21 -9.25	58.82 1.49 -1.01	61.32 1.79 -0.10	57.48 1.83 -2.81	57.77 1.52 -14.49	56.49 1.77 -15.92	57.18 1.78 -16.93	56.33 1.72 -13.22	60.19 1.97 -11.17	63.96 2.08 -11.65	60.29 2.24 -10.78	57.33 2.01 -13.45	62.74 2.54 -10.73	64.94 2.53 -14.20	64.19 2.55 -10.87	62.17 2.06 -4.76	63.50 1.80 -5.44

GOWANUS_GT2_4 24117	57.94 1.12 -15.24	53.95 1.32 -6.42	53.28 1.14 -14.64	53.26 1.16 -18.04	53.27 1.11 -17.63	53.26 1.26 -17.98	53.34 1.33 -13.71	53.98 1.21 -9.25	58.82 1.49 -1.01	61.32 1.79 -0.10	57.48 1.83 -2.81	57.77 1.52 -14.49	56.49 1.77 -15.92	57.18 1.78 -16.93	56.33 1.72 -13.22	60.19 1.97 -11.17	63.96 2.08 -11.65	60.29 2.24 -10.78	57.33 2.01 -13.45	62.74 2.54 -10.73	64.94 2.53 -14.20	64.19 2.55 -10.87	62.17 2.06 -4.76	63.50 1.80 -5.44
GOWANUS_GT2_5 24118	57.94 1.12 -15.24	53.95 1.32 -6.42	53.28 1.14 -14.64	53.26 1.16 -18.04	53.27 1.11 -17.63	53.26 1.26 -17.98	53.34 1.33 -13.71	53.98 1.21 -9.25	58.82 1.49 -1.01	61.32 1.79 -0.10	57.48 1.83 -2.81	57.77 1.52 -14.49	56.49 1.77 -15.92	57.18 1.78 -16.93	56.33 1.72 -13.22	60.19 1.97 -11.17	63.96 2.08 -11.65	60.29 2.24 -10.78	57.33 2.01 -13.45	62.74 2.54 -10.73	64.94 2.53 -14.20	64.19 2.55 -10.87	62.17 2.06 -4.76	63.50 1.80 -5.44
GOWANUS_GT2_6 24119	57.94 1.12 -15.24	53.95 1.32 -6.42	53.28 1.14 -14.64	53.26 1.16 -18.04	53.27 1.11 -17.63	53.26 1.26 -17.98	53.34 1.33 -13.71	53.98 1.21 -9.25	58.82 1.49 -1.01	61.32 1.79 -0.10	57.48 1.83 -2.81	57.77 1.52 -14.49	56.49 1.77 -15.92	57.18 1.78 -16.93	56.33 1.72 -13.22	60.19 1.97 -11.17	63.96 2.08 -11.65	60.29 2.24 -10.78	57.33 2.01 -13.45	62.74 2.54 -10.73	64.94 2.53 -14.20	64.19 2.55 -10.87	62.17 2.06 -4.76	63.50 1.80 -5.44
GOWANUS_GT2_7 24120	57.94 1.12 -15.24	53.95 1.32 -6.42	53.28 1.14 -14.64	53.26 1.16 -18.04	53.27 1.11 -17.63	53.26 1.26 -17.98	53.34 1.33 -13.71	53.98 1.21 -9.25	58.82 1.49 -1.01	61.32 1.79 -0.10	57.48 1.83 -2.81	57.77 1.52 -14.49	56.49 1.77 -15.92	57.18 1.78 -16.93	56.33 1.72 -13.22	60.19 1.97 -11.17	63.96 2.08 -11.65	60.29 2.24 -10.78	57.33 2.01 -13.45	62.74 2.54 -10.73	64.94 2.53 -14.20	64.19 2.55 -10.87	62.17 2.06 -4.76	63.50 1.80 -5.44
GOWANUS_GT2_8 24121	57.94 1.12 -15.24	53.95 1.32 -6.42	53.28 1.14 -14.64	53.26 1.16 -18.04	53.27 1.11 -17.63	53.26 1.26 -17.98	53.34 1.33 -13.71	53.98 1.21 -9.25	58.82 1.49 -1.01	61.32 1.79 -0.10	57.48 1.83 -2.81	57.77 1.52 -14.49	56.49 1.77 -15.92	57.18 1.78 -16.93	56.33 1.72 -13.22	60.19 1.97 -11.17	63.96 2.08 -11.65	60.29 2.24 -10.78	57.33 2.01 -13.45	62.74 2.54 -10.73	64.94 2.53 -14.20	64.19 2.55 -10.87	62.17 2.06 -4.76	63.50 1.80 -5.44
GOWANUS_GT3_1 24122	57.94 1.12 -15.24	53.95 1.32 -6.42	53.28 1.14 -14.64	53.26 1.16 -18.04	53.27 1.11 -17.63	53.26 1.26 -17.98	53.34 1.33 -13.71	53.98 1.21 -9.25	58.82 1.49 -1.01	61.32 1.79 -0.10	57.48 1.83 -2.81	57.77 1.52 -14.49	56.49 1.77 -15.92	57.18 1.78 -16.93	56.33 1.72 -13.22	60.19 1.97 -11.17	63.96 2.08 -11.65	60.29 2.24 -10.78	57.33 2.01 -13.45	62.74 2.54 -10.73	64.94 2.53 -14.20	64.19 2.55 -10.87	62.17 2.06 -4.76	63.50 1.80 -5.44
GOWANUS_GT3_2 24123	57.94 1.12 -15.24	53.95 1.32 -6.42	53.28 1.14 -14.64	53.26 1.16 -18.04	53.27 1.11 -17.63	53.26 1.26 -17.98	53.34 1.33 -13.71	53.98 1.21 -9.25	58.82 1.49 -1.01	61.32 1.79 -0.10	57.48 1.83 -2.81	57.77 1.52 -14.49	56.49 1.77 -15.92	57.18 1.78 -16.93	56.33 1.72 -13.22	60.19 1.97 -11.17	63.96 2.08 -11.65	60.29 2.24 -10.78	57.33 2.01 -13.45	62.74 2.54 -10.73	64.94 2.53 -14.20	64.19 2.55 -10.87</		

GOWANUS_GT4_3 24132	57.94 1.12 -15.24	53.96 1.32 -6.42	53.28 1.13 -14.64	53.27 1.16 -18.04	53.27 1.10 -17.63	53.26 1.26 -17.98	53.34 1.34 -13.71	53.97 1.21 -9.25	58.82 1.49 -1.01	61.32 1.79 -0.10	57.48 1.83 -2.81	57.75 1.50 -14.49	56.48 1.76 -15.92	57.17 1.78 -16.93	56.33 1.72 -13.22	60.19 1.97 -11.17	63.96 2.08 -11.65	60.29 2.23 -10.78	57.32 2.00 -13.45	62.74 2.53 -10.73	64.94 2.53 -14.20	64.19 2.54 -10.87	62.17 2.06 -4.76	63.49 1.79 -5.44
GOWANUS_GT4_4 24133	57.94 1.12 -15.24	53.96 1.32 -6.42	53.28 1.13 -14.64	53.27 1.16 -18.04	53.27 1.10 -17.63	53.26 1.26 -17.98	53.34 1.34 -13.71	53.97 1.21 -9.25	58.82 1.49 -1.01	61.32 1.79 -0.10	57.48 1.83 -2.81	57.75 1.50 -14.49	56.48 1.76 -15.92	57.17 1.78 -16.93	56.33 1.72 -13.22	60.19 1.97 -11.17	63.96 2.08 -11.65	60.29 2.23 -10.78	57.32 2.00 -13.45	62.74 2.53 -10.73	64.94 2.53 -14.20	64.19 2.54 -10.87	62.17 2.06 -4.76	63.49 1.79 -5.44
GOWANUS_GT4_5 24134	57.94 1.12 -15.24	53.96 1.32 -6.42	53.28 1.13 -14.64	53.27 1.16 -18.04	53.27 1.10 -17.63	53.26 1.26 -17.98	53.34 1.34 -13.71	53.97 1.21 -9.25	58.82 1.49 -1.01	61.32 1.79 -0.10	57.48 1.83 -2.81	57.75 1.50 -14.49	56.48 1.76 -15.92	57.17 1.78 -16.93	56.33 1.72 -13.22	60.19 1.97 -11.17	63.96 2.08 -11.65	60.29 2.23 -10.78	57.32 2.00 -13.45	62.74 2.53 -10.73	64.94 2.53 -14.20	64.19 2.54 -10.87	62.17 2.06 -4.76	63.49 1.79 -5.44
GOWANUS_GT4_6 24135	57.94 1.12 -15.24	53.96 1.32 -6.42	53.28 1.13 -14.64	53.27 1.16 -18.04	53.27 1.10 -17.63	53.26 1.26 -17.98	53.34 1.34 -13.71	53.97 1.21 -9.25	58.82 1.49 -1.01	61.32 1.79 -0.10	57.48 1.83 -2.81	57.75 1.50 -14.49	56.48 1.76 -15.92	57.17 1.78 -16.93	56.33 1.72 -13.22	60.19 1.97 -11.17	63.96 2.08 -11.65	60.29 2.23 -10.78	57.32 2.00 -13.45	62.74 2.53 -10.73	64.94 2.53 -14.20	64.19 2.54 -10.87	62.17 2.06 -4.76	63.49 1.79 -5.44
GOWANUS_GT4_7 24136	57.94 1.12 -15.24	53.96 1.32 -6.42	53.28 1.13 -14.64	53.27 1.16 -18.04	53.27 1.10 -17.63	53.26 1.26 -17.98	53.34 1.34 -13.71	53.97 1.21 -9.25	58.82 1.49 -1.01	61.32 1.79 -0.10	57.48 1.83 -2.81	57.75 1.50 -14.49	56.48 1.76 -15.92	57.17 1.78 -16.93	56.33 1.72 -13.22	60.19 1.97 -11.17	63.96 2.08 -11.65	60.29 2.23 -10.78	57.32 2.00 -13.45	62.74 2.53 -10.73	64.94 2.53 -14.20	64.19 2.54 -10.87	62.17 2.06 -4.76	63.49 1.79 -5.44
GOWANUS_GT4_8 24137	57.94 1.12 -15.24	53.96 1.32 -6.42	53.28 1.13 -14.64	53.27 1.16 -18.04	53.27 1.10 -17.63	53.26 1.26 -17.98	53.34 1.34 -13.71	53.97 1.21 -9.25	58.82 1.49 -1.01	61.32 1.79 -0.10	57.48 1.83 -2.81	57.75 1.50 -14.49	56.48 1.76 -15.92	57.17 1.78 -16.93	56.33 1.72 -13.22	60.19 1.97 -11.17	63.96 2.08 -11.65	60.29 2.23 -10.78	57.32 2.00 -13.45	62.74 2.53 -10.73	64.94 2.53 -14.20	64.19 2.54 -10.87	62.17 2.06 -4.76	63.49 1.79 -5.44
GREENBSH_115KV_TB3 55895	41.32 -0.27 0.00	46.02 -0.20 0.00	37.49 -0.02 0.00	34.17 0.11 0.00	34.71 0.19 0.00	34.17 0.15 0.00	38.17 -0.13 0.00	43.18 -0.33 0.00	55.83 -0.49 0.00	58.77 -0.67 0.00	52.27 -0.58 0.00	41.40 -0.36 0.00	38.69 -0.12 0.00	38.44 -0.03 0.00	41.15 -0.24 0.00	46.84 -0.20 0.00	50.10 -0.12 0.00	47.21 -0.06 0.00	41.91 0.04 0.00	49.53 0.06 0.00	48.27 0.06 0.00	50.76 -0.01 0.00	54.92 -0.42 0.00	55.51 -0.75 0.00
GREENIDGE_115KV_TB5 80291	41.43 -0.15 0.00	45.80 -0.41 0.00	36.86 -0.65 0.00	33.20 -0.86 0.00	33.67 -0.86 0.00	33.33 -0.69 0.00	37.64 -0.66 0.00	42.96 -0.55 0.00	55.67 -0.65 0.00	58.70 -0.73 0.00	52.14 -0.71 0.00	41.17 -0.58 0.00	38.13 -0.67 0.00	37.67 -0.80 0.00	40.74 -0.65 0.00	46.26 -0.79 0.00	49.46 -0.76 0.00	47.09 -0.18 0.00	41.67 -0.20 0.00	49.32 -0.15 0.00	48.12 -0.10 0.00	50.69 -0.08 0.00	55.49 0.14 0.00	56.75 0.49 0.00
GREENIDGE___3 23582	41.43 -0.15 0.00	45.80 -0.41 0.00	36.86 -0.65 0.00	33.20 -0.86 0.00	33.67 -0.86 0.00	33.33 -0.69 0.00	37.64 -0.66 0.00	42.96 -0.55 0.00	55.67 -0.65 0.00	58.70 -0.73 0.00	52.14 -0.71 0.00	41.17 -0.58 0.00	38.13 -0.67 0.00	37.67 -0.80 0.00	40.74 -0.65 0.00	46.26 -0.79 0.00	49.46 -0.76 0.00	47.09 -0.18 0.00	41.67 -0.20 0.00	49.32 -0.15 0.00	48.12 -0.10 0.00	50.69 -0.08 0.00	55.49 0.14 0.00	56.75 0.49 0.00
GREENIDGE___4 23583	41.43 -0.15 0.00	45.80 -0.41 0.00	36.86 -0.65 0.00	33.20 -0.86 0.00	33.67 -0.86 0.00	33.33 -0.68 0.00	37.64 -0.66 0.00	42.96 -0.56 0.00	55.67 -0.66 0.00	58.73 -0.70 0.00	52.17 -0.68 0.00	41.17 -0.58 0.00	38.13 -0.67 0.00	37.67 -0.81 0.00	40.74 -0.65 0.00	46.25 -0.80 0.00	49.46 -0.76 0.00	47.08 -0.19 0.00	41.67 -0.20 0.00	49.28 -0.19 0.00	48.11 -0.10 0.00	50.68 -0.09 0.00	55.47 0.13 0.00	56.72 0.46 0.00
GREENLWN_69_KV_BK 3 55738	42.04 0.46 0.00	46.99 0.78 0.00	38.16 0.65 0.00	34.78 0.72 0.00	35.12 0.59 0.00	34.68 0.67 0.00	39.15 0.86 0.00	44.25 0.74 0.00	57.16 0.84 0.00	60.94 1.35 -0.16	58.05 1.55 -3.65	43.99 1.34 -0.89	42.23 1.70 -1.73	41.71 1.76 -1.48	42.27 1.49 0.61	46.75 1.78 2.09	49.51 1.91 2.62	51.58 1.96 -2.35	44.54 1.63 -1.05	56.48 1.93 -5.09	55.80 2.17 -5.41	59.90 2.30 -6.82	65.09 1.95 -7.81	59.71 1.64 -1.81
GREENWD_138_KV_38B11_REV_LBMP_J 345004	57.94 1.12 -15.24	53.96 1.32 -6.42	53.28 1.13 -14.64	53.27 1.16 -18.04	53.27 1.10 -17.63	53.26 1.26 -17.98	53.34 1.34 -13.71	53.97 1.21 -9.25	58.82 1.49 -1.01	61.32 1.79 -0.10	57.48 1.83 -2.81	57.75 1.50 -14.49	56.48 1.76 -15.92	57.17 1.78 -16.93	56.33 1.72 -13.22	60.19 1.97 -11.17	63.96 2.08 -11.65	60.29 2.23 -10.78	57.32 2.00 -13.45	62.74 2.53 -10.73	64.94 2.53 -14.20	64.19 2.54 -10.87	62.17 2.06 -4.76	63.49 1.79 -5.44
GRISSOM___SOLAR 323813	43.51 1.93 0.00	48.27 2.06 0.00	39.06 1.56 0.00	35.36 1.30 0.00	35.87 1.34 0.00	35.31 1.29 0.00	39.86 1.56 0.00	45.42 1.90 0.00	58.87 2.55 0.00	62.21 2.78 0.00	55.47 2.62 0.00	43.67 1.92 0.00	40.45 1.65 0.00	40.04 1.57 0.00	43.38 1.99 0.00	49.26 2.22 0.00	52.77 2.55 0.00	49.79 2.52 0.00	44.07 2.20 0.00	52.11 2.64 0.00	50.78 2.56 0.00	53.41 2.65 0.00	58.16 2.81 0.00	59.01 2.75 0.00
GROVEVILLE___HYD 323602	42.40 0.82 0.00	47.24 1.02 0.00	38.38 0.88 0.00	34.95 0.89 0.00	35.40 0.86 0.00	34.96 0.94 0.00	39.34 1.04 0.00	44.54 1.03 0.00	57.69 1.37 0.00	60.98 1.54 0.00	54.37 1.53 0.00	43.02 1.26 0.00	40.27 1.46 0.00	39.96 1.49 0.00	42.84 1.45 0.00	48.76 1.71 0.00	52.07 1.85 0.00	49.25 1.98 0.00	43.70 1.83 0.00	51.81 2.34 0.00	50.53 2.31 0.00	53.08 2.31 0.00	57.24 1.90 0.00	57.86 1.60 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	41.51 -0.07 0.00	46.05 -0.16 0.00	37.29 -0.21 0.00	33.78 -0.28 0.00	34.28 -0.25 0.00	33.85 -0.17 0.00	38.17 -0.12 0.00	43.47 -0.04 0.00	56.31 -0.01 0.00	59.53 0.09 0.00	52.95 0.10 0.00	41.74 -0.02 0.00	38.72 -0.08 0.00	38.41 -0.06 0.00	41.40 0.01 0.00	47.05 0.00 0.00	50.28 0.06 0.00	47.41 0.14 0.00	41.98 0.11 0.00	49.67 0.20 0.00	48.39 0.18 0.00	50.87 0.10 0.00	55.41 0.07 0.00	56.39 0.13 0.00

HAMLTNNY_34_KV_TB 80303	41.57 -0.01 0.00	46.13 -0.09 0.00	37.35 -0.16 0.00	33.78 -0.28 0.00	34.30 -0.22 0.00	33.88 -0.13 0.00	38.23 -0.07 0.00	43.57 0.05 0.00	56.40 0.08 0.00	59.64 0.20 0.00	53.03 0.18 0.00	41.78 0.02 0.00	38.74 -0.06 0.00	38.44 -0.03 0.00	41.46 0.07 0.00	47.06 0.01 0.00	50.30 0.08 0.00	47.44 0.17 0.00	42.03 0.16 0.00	49.77 0.30 0.00	48.50 0.29 0.00	50.96 0.19 0.00	55.49 0.15 0.00	56.51 0.24 0.00
HAMPSHIRE___PAPER_HYD 323593	41.41 -0.17 0.00	45.83 -0.39 0.00	37.03 -0.47 0.00	33.62 -0.44 0.00	33.94 -0.59 0.00	32.99 -1.03 0.00	37.23 -1.07 0.00	42.41 -1.10 0.00	54.85 -1.48 0.00	57.96 -1.48 0.00	51.32 -1.53 0.00	40.61 -1.15 0.00	37.39 -1.41 0.00	36.61 -1.86 0.00	39.26 -2.13 0.00	44.94 -2.11 0.00	48.22 -2.01 0.00	49.11 -2.01 -3.86	40.07 -1.80 0.00	47.30 -2.17 0.00	46.42 -1.79 0.00	49.12 -1.65 0.00	53.77 -1.58 0.00	54.96 -1.30 0.00
HARDSCRABBLE_WT_PWR 323673	39.98 -1.60 0.00	44.39 -1.82 0.00	35.81 -1.69 0.00	32.56 -1.50 0.00	33.18 -1.35 0.00	32.60 -1.42 0.00	36.48 -1.82 0.00	41.19 -2.33 0.00	53.33 -2.99 0.00	56.17 -3.27 0.00	50.31 -2.53 0.00	40.04 -1.72 0.00	37.20 -1.60 0.00	37.01 -1.46 0.00	40.15 -1.24 0.00	45.64 -1.41 0.00	48.93 -1.30 0.00	46.21 -1.07 0.00	41.07 -0.80 0.00	48.76 -0.71 0.00	47.50 -0.72 0.00	49.89 -0.89 0.00	53.90 -1.44 0.00	54.31 -1.95 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	42.13 0.55 0.00	46.95 0.74 0.00	38.14 0.63 0.00	34.71 0.65 0.00	35.14 0.61 0.00	34.71 0.69 0.00	39.04 0.74 0.00	44.19 0.68 0.00	57.20 0.88 0.00	60.48 1.05 0.00	53.95 1.10 0.00	42.63 0.88 0.00	39.93 1.13 0.00	39.62 1.15 0.00	42.49 1.10 0.00	48.35 1.30 0.00	51.60 1.38 0.00	48.80 1.53 0.00	43.30 1.43 0.00	51.38 1.91 0.00	50.16 1.95 0.00	52.73 1.96 0.00	56.87 1.53 0.00	57.53 1.27 0.00
HARSNRAD_115KV_TB1 81005	40.64 -0.94 0.00	44.63 -1.59 0.00	35.76 -1.74 0.00	31.84 -2.22 0.00	32.44 -2.09 0.00	32.45 -1.57 0.00	36.53 -1.76 0.00	41.96 -1.55 0.00	54.73 -1.59 0.00	58.15 -1.29 0.00	51.40 -1.45 0.00	40.53 -1.22 0.00	37.03 -1.77 0.00	36.72 -1.74 0.00	40.15 -1.24 0.00	45.26 -1.79 0.00	48.09 -2.14 0.00	45.51 -1.76 0.00	39.85 -2.02 0.00	46.82 -2.65 0.00	45.64 -2.58 0.00	48.47 -2.30 0.00	54.33 -1.02 0.00	56.15 -0.11 0.00
HARZA MOOSE___RIVER 24016	42.11 0.53 0.00	46.56 0.34 0.00	37.62 0.11 0.00	34.14 0.07 0.00	34.45 -0.08 0.00	33.50 -0.51 0.00	37.69 -0.60 0.00	42.91 -0.60 0.00	55.59 -0.73 0.00	59.12 -0.31 0.00	52.38 -0.47 0.00	41.41 -0.35 0.00	38.21 -0.59 0.00	37.59 -0.88 0.00	40.41 -0.99 0.00	46.17 -0.88 0.00	49.47 -0.75 0.00	47.76 -0.61 -1.10	41.32 -0.55 0.00	48.91 -0.56 0.00	47.93 -0.29 0.00	50.63 -0.13 0.00	55.05 -0.30 0.00	56.09 -0.17 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	41.26 -0.32 0.00	45.77 -0.44 0.00	37.07 -0.43 0.00	33.58 -0.48 0.00	34.06 -0.47 0.00	33.63 -0.38 0.00	37.91 -0.38 0.00	43.18 -0.34 0.00	55.99 -0.33 0.00	59.20 -0.24 0.00	52.62 -0.22 0.00	41.51 -0.25 0.00	38.50 -0.30 0.00	38.19 -0.28 0.00	41.17 -0.22 0.00	46.79 -0.26 0.00	49.98 -0.24 0.00	47.14 -0.13 0.00	41.72 -0.15 0.00	49.32 -0.14 0.00	48.06 -0.16 0.00	50.56 -0.21 0.00	55.12 -0.22 0.00	56.06 -0.20 0.00
HELLGATE_13_KV_LD 55870	42.42 0.84 -0.01	47.23 1.02 0.00	38.42 0.91 0.00	35.04 0.97 -0.01	35.42 0.89 0.00	35.04 1.02 -0.01	39.33 1.04 0.00	44.38 0.87 0.00	57.42 1.10 0.00	60.80 1.37 0.00	54.28 1.44 0.00	42.95 1.19 0.00	40.26 1.46 0.00	39.95 1.48 0.00	42.78 1.39 0.00	48.66 1.61 0.00	51.91 1.68 0.00	49.14 1.87 0.00	43.53 1.67 0.00	51.60 2.13 0.00	50.34 2.12 0.00	52.89 2.12 0.00	56.95 1.60 0.00	57.59 1.33 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	42.42 0.84 -0.01	47.23 1.02 0.00	38.42 0.91 0.00	35.04 0.97 -0.01	35.42 0.89 0.00	35.04 1.02 -0.01	39.33 1.04 0.00	44.38 0.87 0.00	57.42 1.10 0.00	60.80 1.37 0.00	54.28 1.44 0.00	42.95 1.19 0.00	40.26 1.46 0.00	39.95 1.48 0.00	42.78 1.39 0.00	48.66 1.61 0.00	51.91 1.68 0.00	49.14 1.87 0.00	43.53 1.67 0.00	51.60 2.13 0.00	50.34 2.12 0.00	52.89 2.12 0.00	56.95 1.60 0.00	57.59 1.33 0.00
HEMPSTEAD____ 23647	42.21 0.63 0.00	47.10 0.88 0.00	38.22 0.72 0.00	34.83 0.77 0.00	35.21 0.68 0.00	34.79 0.77 0.00	39.21 0.91 0.00	44.33 0.82 0.00	57.33 1.01 0.00	61.57 1.44 -0.70	71.30 1.58 -16.88	56.36 1.39 -13.21	48.15 1.68 -7.67	46.77 1.72 -6.58	45.12 1.55 -2.18	55.44 1.81 -6.59	61.26 1.95 -9.09	63.04 2.01 -13.76	64.82 1.74 -21.20	74.44 2.13 -22.83	71.74 2.26 -21.26	82.75 2.35 -29.63	92.50 1.95 -35.20	65.94 1.66 -8.02
HEWLETT_69_KV_BK3 55828	42.48 0.90 0.00	47.40 1.19 0.00	38.46 0.96 0.00	35.04 0.97 0.00	35.42 0.89 0.00	34.99 0.97 0.00	39.43 1.13 0.00	44.57 1.05 0.00	57.63 1.31 0.00	63.37 1.81 -2.14	106.02 1.88 -51.30	92.20 1.65 -48.79	61.95 1.93 -21.22	58.70 1.98 -18.25	53.06 1.86 -9.81	83.47 2.22 -34.20	99.98 2.36 -47.39	93.31 2.29 -43.76	116.26 1.91 -72.48	120.95 2.34 -69.14	111.81 2.46 -61.14	142.00 2.55 -88.68	164.29 2.30 -106.65	80.75 2.05 -22.45
HICKLING___1 23621	41.19 -0.39 0.00	45.56 -0.66 0.00	36.61 -0.89 0.00	33.00 -1.06 0.00	33.40 -1.13 0.00	33.05 -0.97 0.00	37.31 -0.98 0.00	42.46 -1.06 0.00	55.05 -1.28 0.00	58.26 -1.17 0.00	51.57 -1.27 0.00	40.65 -1.11 0.00	37.72 -1.08 0.00	37.30 -1.17 0.00	40.42 -0.97 0.00	45.90 -1.15 0.00	49.06 -1.16 0.00	46.76 -0.51 0.00	41.43 -0.44 0.00	49.22 -0.25 0.00	47.95 -0.27 0.00	50.54 -0.23 0.00	55.43 0.09 0.00	56.78 0.52 0.00
HICKLING___2 23622	41.19 -0.39 0.00	45.56 -0.66 0.00	36.61 -0.89 0.00	33.00 -1.06 0.00	33.40 -1.13 0.00	33.05 -0.97 0.00	37.31 -0.98 0.00	42.46 -1.06 0.00	55.05 -1.28 0.00	58.26 -1.17 0.00	51.57 -1.27 0.00	40.65 -1.11 0.00	37.72 -1.08 0.00	37.30 -1.17 0.00	40.42 -0.97 0.00	45.90 -1.15 0.00	49.06 -1.16 0.00	46.76 -0.51 0.00	41.43 -0.44 0.00	49.22 -0.25 0.00	47.95 -0.27 0.00	50.54 -0.23 0.00	55.43 0.09 0.00	56.78 0.52 0.00
HIGH FALLS___HY 23754	42.52 0.94 0.00	47.35 1.13 0.00	38.46 0.95 0.00	35.01 0.94 0.00	35.43 0.90 0.00	35.00 0.98 0.00	39.44 1.14 0.00	44.70 1.19 0.00	57.95 1.63 0.00	61.35 1.92 0.00	54.77 1.92 0.00	43.28 1.52 0.00	40.51 1.71 0.00	40.17 1.70 0.00	43.11 1.72 0.00	49.08 2.03 0.00	52.39 2.17 0.00	49.57 2.30 0.00	43.98 2.11 0.00	52.19 2.72 0.00	50.91 2.70 0.00	53.49 2.72 0.00	57.69 2.35 0.00	58.32 2.06 0.00
HIGH_RIVER___SOLAR 323847	42.62 1.04 0.00	47.36 1.14 0.00	38.42 0.91 0.00	34.88 0.82 0.00	35.38 0.85 0.00	34.83 0.81 0.00	39.24 0.94 0.00	44.57 1.06 0.00	57.71 1.38 0.00	60.90 1.47 0.00	54.25 1.41 0.00	42.82 1.06 0.00	39.81 1.01 0.00	39.40 0.93 0.00	42.52 1.13 0.00	48.35 1.30 0.00	51.73 1.51 0.00	48.80 1.53 0.00	43.25 1.38 0.00	51.15 1.68 0.00	49.85 1.63 0.00	52.44 1.67 0.00	56.97 1.62 0.00	57.78 1.52 0.00

HILLBURN___GT 23639	41.99 0.41 0.00	46.82 0.61 0.00	38.02 0.52 0.00	34.61 0.55 0.00	35.04 0.51 0.00	34.61 0.60 0.00	38.92 0.63 0.00	44.03 0.51 0.00	56.98 0.66 0.00	60.24 0.80 0.00	53.76 0.91 0.00	42.47 0.71 0.00	39.80 0.99 0.00	39.48 1.01 0.00	42.33 0.94 0.00	48.17 1.12 0.00	51.38 1.15 0.00	48.61 1.34 0.00	43.14 1.27 0.00	51.20 1.73 0.00	50.04 1.83 0.00	52.60 1.83 0.00	56.68 1.34 0.00	57.36 1.10 0.00
HILLSIDE_115KV_TB1 80332	40.82 -0.76 0.00	45.27 -0.95 0.00	36.46 -1.05 0.00	32.92 -1.14 0.00	33.33 -1.20 0.00	32.97 -1.05 0.00	37.25 -1.05 0.00	42.33 -1.18 0.00	54.81 -1.51 0.00	58.00 -1.43 0.00	51.39 -1.46 0.00	40.44 -1.32 0.00	37.63 -1.17 0.00	37.23 -1.25 0.00	40.35 -1.05 0.00	45.76 -1.29 0.00	48.84 -1.38 0.00	46.50 -0.77 0.00	41.23 -0.63 0.00	49.02 -0.45 0.00	47.73 -0.48 0.00	50.23 -0.54 0.00	54.83 -0.51 0.00	56.10 -0.15 0.00
HISHELDN_WT_PWR 323625	40.10 -1.48 0.00	43.96 -2.25 0.00	35.29 -2.22 0.00	31.33 -2.73 0.00	31.89 -2.64 0.00	31.71 -2.31 0.00	35.66 -2.63 0.00	40.68 -2.83 0.00	52.77 -3.55 0.00	55.91 -3.52 0.00	49.33 -3.52 0.00	39.04 -2.72 0.00	35.86 -2.94 0.00	35.50 -2.97 0.00	38.74 -2.66 0.00	43.84 -3.21 0.00	47.07 -3.16 0.00	44.80 -2.48 0.00	39.18 -2.69 0.00	46.27 -3.19 0.00	45.39 -2.83 0.00	48.32 -2.45 0.00	54.07 -1.27 0.00	55.97 -0.29 0.00
HOLTSVILLE_IC_1 23690	41.70 0.12 0.00	46.60 0.39 0.00	37.81 0.30 0.00	34.51 0.45 0.00	34.78 0.24 0.00	34.34 0.32 0.00	38.82 0.53 0.00	43.88 0.37 0.00	56.60 0.27 0.00	60.44 0.88 -0.12	56.63 1.11 -2.67	42.72 0.99 0.03	41.51 1.42 -1.29	41.04 1.47 -1.11	41.68 1.11 0.82	45.71 1.39 2.74	48.15 1.43 3.50	50.33 1.55 -1.51	42.79 1.28 0.36	54.77 1.52 -3.77	54.31 1.84 -4.25	57.96 2.05 -5.14	62.74 1.62 -5.79	58.90 1.29 -1.36
HOLTSVILLE_IC_10 23699	41.81 0.23 0.00	46.70 0.48 0.00	37.89 0.38 0.00	34.57 0.51 0.00	34.83 0.29 0.00	34.40 0.38 0.00	38.92 0.63 0.00	44.01 0.50 0.00	56.78 0.46 0.00	60.66 1.09 -0.14	57.17 1.31 -3.02	43.20 1.14 -0.30	41.81 1.56 -1.44	41.32 1.61 -1.24	41.91 1.27 0.75	46.13 1.58 2.50	48.69 1.65 3.18	50.85 1.77 -1.81	43.49 1.47 -0.15	55.46 1.76 -4.24	54.94 2.07 -4.66	58.78 2.27 -5.73	63.67 1.83 -6.50	59.26 1.49 -1.52
HOLTSVILLE_IC_2 23691	41.70 0.12 0.00	46.60 0.39 0.00	37.81 0.30 0.00	34.51 0.45 0.00	34.78 0.24 0.00	34.34 0.32 0.00	38.82 0.53 0.00	43.88 0.37 0.00	56.60 0.27 0.00	60.44 0.88 -0.12	56.63 1.11 -2.67	42.72 0.99 0.03	41.51 1.42 -1.29	41.04 1.47 -1.11	41.68 1.11 0.82	45.71 1.39 2.74	48.15 1.43 3.50	50.33 1.55 -1.51	42.79 1.28 0.36	54.77 1.52 -3.77	54.31 1.84 -4.25	57.96 2.05 -5.14	62.74 1.62 -5.79	58.90 1.29 -1.36
HOLTSVILLE_IC_3 23692	41.70 0.12 0.00	46.60 0.39 0.00	37.81 0.30 0.00	34.51 0.45 0.00	34.78 0.24 0.00	34.34 0.32 0.00	38.82 0.53 0.00	43.88 0.37 0.00	56.60 0.27 0.00	60.44 0.88 -0.12	56.63 1.11 -2.67	42.72 0.99 0.03	41.51 1.42 -1.29	41.04 1.47 -1.11	41.68 1.11 0.82	45.71 1.39 2.74	48.15 1.43 3.50	50.33 1.55 -1.51	42.79 1.28 0.36	54.77 1.52 -3.77	54.31 1.84 -4.25	57.96 2.05 -5.14	62.74 1.62 -5.79	58.90 1.29 -1.36
HOLTSVILLE_IC_4 23693	41.70 0.12 0.00	46.60 0.39 0.00	37.81 0.30 0.00	34.51 0.45 0.00	34.78 0.24 0.00	34.34 0.32 0.00	38.82 0.53 0.00	43.88 0.37 0.00	56.60 0.27 0.00	60.44 0.88 -0.12	56.63 1.11 -2.67	42.72 0.99 0.03	41.51 1.42 -1.29	41.04 1.47 -1.11	41.68 1.11 0.82	45.71 1.39 2.74	48.15 1.43 3.50	50.33 1.55 -1.51	42.79 1.28 0.36	54.77 1.52 -3.77	54.31 1.84 -4.25	57.96 2.05 -5.14	62.74 1.62 -5.79	58.90 1.29 -1.36
HOLTSVILLE_IC_5 23694	41.70 0.12 0.00	46.60 0.39 0.00	37.81 0.30 0.00	34.51 0.45 0.00	34.78 0.24 0.00	34.34 0.32 0.00	38.82 0.53 0.00	43.88 0.37 0.00	56.60 0.27 0.00	60.44 0.88 -0.12	56.63 1.11 -2.67	42.72 0.99 0.03	41.51 1.42 -1.29	41.04 1.47 -1.11	41.68 1.11 0.82	45.71 1.39 2.74	48.15 1.43 3.50	50.33 1.55 -1.51	42.79 1.28 0.36	54.77 1.52 -3.77	54.31 1.84 -4.25	57.96 2.05 -5.14	62.74 1.62 -5.79	58.90 1.29 -1.36
HOLTSVILLE_IC_6 23695	41.81 0.23 0.00	46.70 0.48 0.00	37.89 0.38 0.00	34.57 0.51 0.00	34.83 0.29 0.00	34.40 0.38 0.00	38.92 0.63 0.00	44.01 0.50 0.00	56.78 0.46 0.00	60.66 1.09 -0.14	57.17 1.31 -3.02	43.20 1.14 -0.30	41.81 1.56 -1.44	41.32 1.61 -1.24	41.91 1.27 0.75	46.13 1.58 2.50	48.69 1.65 3.18	50.85 1.77 -1.81	43.49 1.47 -0.15	55.46 1.76 -4.24	54.94 2.07 -4.66	58.78 2.27 -5.73	63.67 1.83 -6.50	59.26 1.49 -1.52
HOLTSVILLE_IC_7 23696	41.81 0.23 0.00	46.70 0.48 0.00	37.89 0.38 0.00	34.57 0.51 0.00	34.83 0.29 0.00	34.40 0.38 0.00	38.92 0.63 0.00	44.01 0.50 0.00	56.78 0.46 0.00	60.66 1.09 -0.14	57.17 1.31 -3.02	43.20 1.14 -0.30	41.81 1.56 -1.44	41.32 1.61 -1.24	41.91 1.27 0.75	46.13 1.58 2.50	48.69 1.65 3.18	50.85 1.77 -1.81	43.49 1.47 -0.15	55.46 1.76 -4.24	54.94 2.07 -4.66	58.78 2.27 -5.73	63.67 1.83 -6.50	59.26 1.49 -1.52
HOLTSVILLE_IC_8 23697	41.81 0.23 0.00	46.70 0.48 0.00	37.89 0.38 0.00	34.57 0.51 0.00	34.83 0.29 0.00	34.40 0.38 0.00	38.92 0.63 0.00	44.01 0.50 0.00	56.78 0.46 0.00	60.66 1.09 -0.14	57.17 1.31 -3.02	43.20 1.14 -0.30	41.81 1.56 -1.44	41.32 1.61 -1.24	41.91 1.27 0.75	46.13 1.58 2.50	48.69 1.65 3.18	50.85 1.77 -1.81	43.49 1.47 -0.15	55.46 1.76 -4.24	54.94 2.07 -4.66	58.78 2.27 -5.73	63.67 1.83 -6.50	59.26 1.49 -1.52
HOLTSVILLE_IC_9 23698	41.81 0.23 0.00	46.70 0.48 0.00	37.89 0.38 0.00	34.57 0.51 0.00	34.83 0.29 0.00	34.40 0.38 0.00	38.92 0.63 0.00	44.01 0.50 0.00	56.78 0.46 0.00	60.66 1.09 -0.14	57.17 1.31 -3.02	43.20 1.14 -0.30	41.81 1.56 -1.44	41.32 1.61 -1.24	41.91 1.27 0.75	46.13 1.58 2.50	48.69 1.65 3.18	50.85 1.77 -1.81	43.49 1.47 -0.15	55.46 1.76 -4.24	54.94 2.07 -4.66	58.78 2.27 -5.73	63.67 1.83 -6.50	59.26 1.49 -1.52
HOMER_HL_115KV_TB2 355744	41.13 -0.45 0.00	45.54 -0.68 0.00	36.59 -0.91 0.00	32.76 -1.31 0.00	33.25 -1.28 0.00	33.14 -0.88 0.00	37.48 -0.81 0.00	42.92 -0.59 0.00	55.82 -0.51 0.00	59.02 -0.41 0.00	52.06 -0.79 0.00	40.97 -0.78 0.00	37.68 -1.12 0.00	37.37 -1.10 0.00	40.72 -0.68 0.00	45.93 -1.12 0.00	48.99 -1.24 0.00	46.73 -0.55 0.00	41.20 -0.67 0.00	48.73 -0.73 0.00	47.68 -0.53 0.00	50.39 -0.39 0.00	55.54 0.20 0.00	57.22 0.95 0.00
HOWARD_WT_PWR 323690	40.45 -1.13 0.00	44.52 -1.69 0.00	35.20 -2.31 0.00	31.47 -2.59 0.00	31.85 -2.68 0.00	31.28 -2.74 0.00	34.97 -3.33 0.00	39.72 -3.79 0.00	51.74 -4.58 0.00	55.04 -4.40 0.00	48.41 -4.43 0.00	37.99 -3.77 0.00	35.41 -3.39 0.00	34.93 -3.54 0.00	37.83 -3.57 0.00	43.13 -3.92 0.00	46.59 -3.63 0.00	44.85 -2.43 0.00	39.70 -2.17 0.00	47.18 -2.29 0.00	46.15 -2.06 0.00	49.36 -1.41 0.00	54.89 -0.45 0.00	56.81 0.55 0.00

HQ_GEN_CEDARS 23644	42.63 1.04 0.00	47.37 1.16 0.00	38.41 0.90 0.00	34.87 0.81 0.00	35.28 0.75 0.00	34.69 0.68 0.00	39.20 0.90 0.00	44.60 1.09 0.00	57.65 1.33 0.00	60.33 0.89 0.00	53.61 0.77 0.00	42.37 0.62 0.00	39.12 0.32 0.00	38.68 0.21 0.00	41.62 0.23 0.00	47.31 0.26 0.00	50.46 0.23 0.00	48.99 -0.15 -1.88	41.67 -0.20 0.00	49.08 -0.39 0.00	48.06 -0.16 0.00	50.76 -0.01 0.00	55.97 0.63 0.00	57.23 0.97 0.00
HQ_GEN_CEDARS_PROXY 323590	42.63 1.05 0.00	47.37 1.15 0.00	38.41 0.90 0.00	34.87 0.81 0.00	35.28 0.75 0.00	34.23 0.68 0.47	39.20 0.90 0.00	44.60 1.09 0.00	57.65 1.33 0.00	60.33 0.89 0.00	53.61 0.77 0.00	42.37 0.62 0.00	39.12 0.32 0.00	38.68 0.21 0.00	41.62 0.23 0.00	47.31 0.26 0.00	50.46 0.23 0.00	48.99 -0.15 -1.88	41.67 -0.20 0.00	49.08 -0.39 0.00	48.06 -0.16 0.00	50.76 -0.01 0.00	55.97 0.63 0.00	57.23 0.97 0.00
HQ_GEN_IMPORT 323601	42.09 0.51 0.00	46.79 0.57 0.00	37.95 0.45 0.00	34.46 0.40 0.00	34.91 0.38 0.00	34.35 0.34 0.00	38.75 0.45 0.00	44.06 0.55 0.00	56.99 0.67 0.00	60.07 0.64 0.00	53.41 0.56 0.00	42.20 0.44 0.00	39.08 0.28 0.00	38.70 0.23 0.00	41.67 0.27 0.00	47.34 0.29 0.00	50.48 0.26 0.00	47.29 0.02 0.00	41.83 -0.04 0.00	49.35 -0.12 0.00	48.03 -0.18 0.00	50.67 -0.10 0.00	55.63 0.29 0.00	56.72 0.46 0.00
HQ_GEN_WHEEL 23651	42.09 0.51 0.00	46.79 0.57 0.00	37.95 0.45 0.00	34.46 0.40 0.00	34.91 0.38 0.00	34.35 0.34 0.00	38.75 0.45 0.00	44.06 0.55 0.00	56.99 0.67 0.00	60.07 0.64 0.00	53.41 0.56 0.00	42.20 0.44 0.00	39.08 0.28 0.00	38.70 0.23 0.00	41.67 0.27 0.00	47.34 0.29 0.00	50.48 0.26 0.00	47.29 0.02 0.00	41.83 -0.04 0.00	49.35 -0.12 0.00	48.03 -0.18 0.00	50.67 -0.10 0.00	55.63 0.29 0.00	56.72 0.46 0.00
HUDSON_AVE_GT_3 23810	42.30 0.72 0.00	47.15 0.94 0.00	38.33 0.82 0.00	34.94 0.88 0.00	35.35 0.82 0.00	34.95 0.93 0.00	39.26 0.97 0.00	44.38 0.87 0.00	57.41 1.09 0.00	60.76 1.32 0.00	54.23 1.38 0.00	42.90 1.14 0.00	40.21 1.41 0.00	39.90 1.43 0.00	42.73 1.34 0.00	48.61 1.56 0.00	51.87 1.64 0.00	49.07 1.80 0.00	43.51 1.64 0.00	51.61 2.14 0.00	50.35 2.14 0.00	52.91 2.15 0.00	56.99 1.65 0.00	57.62 1.36 0.00
HUDSON_AVE_GT_4 23540	42.30 0.72 0.00	47.15 0.94 0.00	38.33 0.82 0.00	34.94 0.88 0.00	35.35 0.82 0.00	34.95 0.93 0.00	39.26 0.97 0.00	44.38 0.87 0.00	57.41 1.09 0.00	60.76 1.32 0.00	54.23 1.38 0.00	42.90 1.14 0.00	40.21 1.41 0.00	39.90 1.43 0.00	42.73 1.34 0.00	48.61 1.56 0.00	51.87 1.64 0.00	49.07 1.80 0.00	43.51 1.64 0.00	51.61 2.14 0.00	50.35 2.14 0.00	52.91 2.15 0.00	56.99 1.65 0.00	57.62 1.36 0.00
HUDSON_AVE_GT_5 23657	42.30 0.72 0.00	47.15 0.94 0.00	38.33 0.82 0.00	34.94 0.88 0.00	35.35 0.82 0.00	34.95 0.93 0.00	39.26 0.97 0.00	44.38 0.87 0.00	57.41 1.09 0.00	60.76 1.32 0.00	54.23 1.38 0.00	42.90 1.14 0.00	40.21 1.41 0.00	39.90 1.43 0.00	42.73 1.34 0.00	48.61 1.56 0.00	51.87 1.64 0.00	49.07 1.80 0.00	43.51 1.64 0.00	51.61 2.14 0.00	50.35 2.14 0.00	52.91 2.15 0.00	56.99 1.65 0.00	57.62 1.36 0.00
HUDSON_AVE_10 24168	42.07 0.49 0.00	46.87 0.66 0.01	38.11 0.61 0.01	34.74 0.68 0.00	35.16 0.63 0.00	34.77 0.75 0.00	39.04 0.75 0.01	44.18 0.66 0.00	57.16 0.84 0.00	60.49 1.05 0.00	54.18 1.11 -0.22	42.73 0.97 0.00	40.06 1.26 0.00	39.70 1.23 0.00	42.51 1.12 0.00	48.35 1.30 0.00	51.62 1.37 -0.02	48.82 1.54 0.00	44.81 1.37 -1.57	51.41 1.83 -0.11	50.22 1.84 -0.16	52.76 1.83 -0.16	56.83 1.30 -0.19	57.28 1.03 0.01
HUDSON___115KV_TB 4 355613	42.05 0.47 0.00	46.81 0.60 0.00	38.12 0.61 0.00	34.74 0.68 0.00	35.29 0.76 0.00	34.77 0.75 0.00	38.91 0.61 0.00	44.11 0.59 0.00	57.16 0.84 0.00	60.24 0.81 0.00	53.52 0.67 0.00	42.31 0.55 0.00	39.54 0.74 0.00	39.27 0.80 0.00	42.02 0.63 0.00	47.91 0.86 0.00	51.33 1.11 0.00	48.36 1.10 0.00	42.96 1.09 0.00	50.78 1.31 0.00	49.45 1.23 0.00	51.95 1.18 0.00	56.16 0.82 0.00	56.73 0.47 0.00
HUNTER MOUNT___DRP 323613	42.25 0.67 0.00	47.02 0.81 0.00	38.29 0.79 0.00	34.89 0.82 0.00	35.45 0.92 0.00	34.91 0.89 0.00	39.10 0.80 0.00	44.38 0.86 0.00	57.54 1.22 0.00	60.66 1.23 0.00	53.89 1.05 0.00	42.60 0.85 0.00	39.79 0.99 0.00	39.50 1.03 0.00	42.27 0.87 0.00	48.24 1.19 0.00	51.67 1.45 0.00	48.67 1.39 0.00	43.25 1.38 0.00	51.09 1.62 0.00	49.72 1.51 0.00	52.23 1.46 0.00	56.47 1.12 0.00	57.04 0.78 0.00
HUNTINGTON_RES_REC 323705	41.90 0.32 0.00	46.80 0.58 0.00	37.98 0.47 0.00	34.64 0.58 0.00	34.94 0.41 0.00	34.51 0.50 0.00	39.01 0.71 0.00	44.09 0.58 0.00	56.94 0.61 0.00	60.76 1.19 -0.14	57.40 1.42 -3.14	43.39 1.22 -0.41	41.93 1.63 -1.50	41.44 1.68 -1.29	42.03 1.36 0.72	46.27 1.65 2.43	48.92 1.78 3.08	51.05 1.87 -1.91	43.75 1.56 -0.32	55.72 1.85 -4.40	55.14 2.12 -4.81	58.98 2.26 -5.95	63.97 1.88 -6.75	59.38 1.54 -1.57
HUNTLEY___63 23557	41.02 -0.57 0.00	45.03 -1.18 0.00	36.06 -1.45 0.00	32.11 -1.95 0.00	32.69 -1.84 0.00	32.71 -1.31 0.00	36.89 -1.40 0.00	42.48 -1.03 0.00	55.43 -0.89 0.00	58.88 -0.55 0.00	52.10 -0.75 0.00	41.07 -0.69 0.00	37.56 -1.24 0.00	37.28 -1.19 0.00	40.74 -0.66 0.00	45.87 -1.18 0.00	48.70 -1.53 0.00	46.09 -1.18 0.00	40.37 -1.50 0.00	47.43 -2.04 0.00	46.22 -1.99 0.00	49.05 -1.72 0.00	54.91 -0.44 0.00	56.66 0.40 0.00
HUNTLEY___64 23558	41.02 -0.57 0.00	45.03 -1.18 0.00	36.06 -1.45 0.00	32.11 -1.95 0.00	32.69 -1.84 0.00	32.71 -1.31 0.00	36.89 -1.40 0.00	42.48 -1.03 0.00	55.43 -0.89 0.00	58.88 -0.55 0.00	52.10 -0.75 0.00	41.07 -0.69 0.00	37.56 -1.24 0.00	37.28 -1.19 0.00	40.74 -0.66 0.00	45.87 -1.18 0.00	48.70 -1.53 0.00	46.09 -1.18 0.00	40.37 -1.50 0.00	47.43 -2.04 0.00	46.22 -1.99 0.00	49.05 -1.72 0.00	54.91 -0.44 0.00	56.66 0.40 0.00
HUNTLEY___65 23559	41.02 -0.57 0.00	45.03 -1.18 0.00	36.06 -1.45 0.00	32.11 -1.95 0.00	32.69 -1.84 0.00	32.71 -1.31 0.00	36.89 -1.40 0.00	42.48 -1.03 0.00	55.43 -0.89 0.00	58.88 -0.55 0.00	52.10 -0.75 0.00	41.07 -0.69 0.00	37.56 -1.24 0.00	37.28 -1.19 0.00	40.74 -0.66 0.00	45.87 -1.18 0.00	48.70 -1.53 0.00	46.09 -1.18 0.00	40.37 -1.50 0.00	47.43 -2.04 0.00	46.22 -1.99 0.00	49.05 -1.72 0.00	54.91 -0.44 0.00	56.66 0.40 0.00
HUNTLEY___66 23560	41.02 -0.57 0.00	45.03 -1.18 0.00	36.06 -1.45 0.00	32.11 -1.95 0.00	32.69 -1.84 0.00	32.71 -1.31 0.00	36.89 -1.40 0.00	42.48 -1.03 0.00	55.43 -0.89 0.00	58.88 -0.55 0.00	52.10 -0.75 0.00	41.07 -0.69 0.00	37.56 -1.24 0.00	37.28 -1.19 0.00	40.74 -0.66 0.00	45.87 -1.18 0.00	48.70 -1.53 0.00	46.09 -1.18 0.00	40.37 -1.50 0.00	47.43 -2.04 0.00	46.22 -1.99 0.00	49.05 -1.72 0.00	54.91 -0.44 0.00	56.66 0.40 0.00

HUNTLEY___67 23561	40.74 -0.84 0.00	44.76 -1.46 0.00	35.87 -1.64 0.00	31.94 -2.12 0.00	32.52 -2.01 0.00	32.51 -1.50 0.00	36.70 -1.60 0.00	42.26 -1.25 0.00	55.12 -1.20 0.00	58.54 -0.89 0.00	51.83 -1.02 0.00	40.86 -0.90 0.00	37.40 -1.40 0.00	37.12 -1.35 0.00	40.54 -0.85 0.00	45.64 -1.41 0.00	48.45 -1.77 0.00	45.87 -1.40 0.00	40.19 -1.68 0.00	47.25 -2.22 0.00	46.06 -2.15 0.00	48.87 -1.90 0.00	54.65 -0.69 0.00	56.39 0.13 0.00
HUNTLEY___68 23562	40.74 -0.84 0.00	44.76 -1.46 0.00	35.87 -1.64 0.00	31.94 -2.12 0.00	32.52 -2.01 0.00	32.51 -1.50 0.00	36.70 -1.60 0.00	42.26 -1.25 0.00	55.12 -1.20 0.00	58.54 -0.89 0.00	51.83 -1.02 0.00	40.86 -0.90 0.00	37.40 -1.40 0.00	37.12 -1.35 0.00	40.54 -0.85 0.00	45.64 -1.41 0.00	48.45 -1.77 0.00	45.87 -1.40 0.00	40.19 -1.68 0.00	47.25 -2.22 0.00	46.06 -2.15 0.00	48.87 -1.90 0.00	54.65 -0.69 0.00	56.39 0.13 0.00
HYLAND___LFGE 323620	42.39 0.81 0.00	46.65 0.43 0.00	37.34 -0.17 0.00	33.44 -0.62 0.00	33.95 -0.58 0.00	33.70 -0.32 0.00	38.09 -0.20 0.00	43.74 0.22 0.00	57.00 0.67 0.00	60.43 0.99 0.00	52.97 0.12 0.00	40.79 -0.96 0.00	38.01 -0.79 0.00	37.50 -0.97 0.00	40.39 -1.01 0.00	45.78 -1.27 0.00	49.65 -0.58 0.00	47.53 0.26 0.00	42.20 0.33 0.00	50.10 0.63 0.00	48.97 0.76 0.00	51.82 1.06 0.00	57.28 1.94 0.00	58.76 2.49 0.00
INDECK___CORINTH 23802	42.86 1.28 0.00	47.80 1.59 0.00	38.85 1.34 0.00	35.32 1.26 0.00	35.90 1.36 0.00	35.42 1.40 0.00	39.83 1.54 0.00	45.17 1.66 0.00	58.44 2.12 0.00	61.53 2.09 0.00	54.79 1.94 0.00	43.36 1.61 0.00	40.48 1.68 0.00	40.24 1.77 0.00	43.17 1.78 0.00	49.18 2.13 0.00	52.60 2.38 0.00	49.71 2.44 0.00	44.15 2.28 0.00	52.04 2.58 0.00	50.57 2.36 0.00	53.12 2.36 0.00	57.45 2.10 0.00	57.98 1.72 0.00
INDECK___ILION 23567	40.82 -0.76 0.00	45.36 -0.85 0.00	36.74 -0.77 0.00	33.42 -0.64 0.00	33.96 -0.58 0.00	33.41 -0.61 0.00	37.48 -0.81 0.00	42.46 -1.05 0.00	54.99 -1.34 0.00	58.00 -1.43 0.00	51.70 -1.14 0.00	40.61 -1.15 0.00	37.40 -1.40 0.00	37.22 -1.25 0.00	40.34 -1.06 0.00	45.84 -1.21 0.00	49.17 -1.05 0.00	46.47 -0.80 0.00	41.32 -0.55 0.00	49.06 -0.41 0.00	47.78 -0.43 0.00	50.13 -0.64 0.00	54.05 -1.29 0.00	54.36 -1.90 0.00
INDECK___OLEAN 23982	41.13 -0.45 0.00	45.54 -0.67 0.00	36.59 -0.91 0.00	32.76 -1.31 0.00	33.25 -1.28 0.00	33.14 -0.88 0.00	37.48 -0.82 0.00	42.93 -0.59 0.00	55.82 -0.51 0.00	59.03 -0.40 0.00	52.05 -0.80 0.00	40.96 -0.80 0.00	37.68 -1.12 0.00	37.36 -1.11 0.00	40.71 -0.68 0.00	45.94 -1.11 0.00	48.99 -1.24 0.00	46.71 -0.56 0.00	41.18 -0.69 0.00	48.73 -0.74 0.00	47.68 -0.54 0.00	50.38 -0.39 0.00	55.54 0.20 0.00	57.21 0.95 0.00
INDECK___OSWEGO 23783	40.89 -0.69 0.00	45.35 -0.86 0.00	36.75 -0.76 0.00	33.30 -0.76 0.00	33.77 -0.76 0.00	33.29 -0.73 0.00	37.51 -0.79 0.00	42.70 -0.81 0.00	55.33 -0.99 0.00	58.52 -0.91 0.00	51.98 -0.87 0.00	41.02 -0.74 0.00	38.08 -0.72 0.00	37.67 -0.80 0.00	40.58 -0.81 0.00	46.15 -0.90 0.00	49.33 -0.90 0.00	46.56 -0.72 0.00	41.21 -0.66 0.00	48.69 -0.78 0.00	47.49 -0.73 0.00	49.98 -0.79 0.00	54.46 -0.88 0.00	55.37 -0.89 0.00
INDECK___YERKES 23781	41.05 -0.53 0.00	45.06 -1.15 0.00	36.10 -1.41 0.00	32.14 -1.92 0.00	32.73 -1.81 0.00	32.73 -1.28 0.00	36.93 -1.37 0.00	42.50 -1.01 0.00	55.46 -0.86 0.00	58.94 -0.50 0.00	52.15 -0.69 0.00	41.09 -0.67 0.00	37.58 -1.22 0.00	37.30 -1.17 0.00	40.76 -0.63 0.00	45.91 -1.14 0.00	48.73 -1.50 0.00	46.11 -1.16 0.00	40.37 -1.50 0.00	47.45 -2.02 0.00	46.26 -1.95 0.00	49.09 -1.68 0.00	54.94 -0.41 0.00	56.70 0.44 0.00
INDIAN POINT_GT_1 24139	41.95 0.37 0.00	46.77 0.55 0.00	37.99 0.49 0.00	34.61 0.55 0.00	35.04 0.51 0.00	34.61 0.59 0.00	38.91 0.61 0.00	44.01 0.49 0.00	56.93 0.61 0.00	60.18 0.75 0.00	53.69 0.85 0.00	42.44 0.68 0.00	39.76 0.96 0.00	39.46 0.99 0.00	42.30 0.90 0.00	48.12 1.07 0.00	51.35 1.12 0.00	48.58 1.31 0.00	43.10 1.23 0.00	51.14 1.67 0.00	49.94 1.72 0.00	52.50 1.73 0.00	56.58 1.23 0.00	57.23 0.97 0.00
INDIAN POINT_GT_2 23659	41.95 0.37 0.00	46.77 0.55 0.00	37.99 0.49 0.00	34.61 0.55 0.00	35.04 0.51 0.00	34.61 0.59 0.00	38.91 0.61 0.00	44.01 0.49 0.00	56.93 0.61 0.00	60.18 0.75 0.00	53.69 0.85 0.00	42.44 0.68 0.00	39.76 0.96 0.00	39.46 0.99 0.00	42.30 0.90 0.00	48.12 1.07 0.00	51.35 1.12 0.00	48.58 1.31 0.00	43.10 1.23 0.00	51.14 1.67 0.00	49.94 1.72 0.00	52.50 1.73 0.00	56.58 1.23 0.00	57.23 0.97 0.00
INDIAN POINT_GT_3 24019	41.95 0.37 0.00	46.77 0.55 0.00	37.99 0.49 0.00	34.61 0.55 0.00	35.04 0.51 0.00	34.61 0.59 0.00	38.91 0.61 0.00	44.01 0.49 0.00	56.93 0.61 0.00	60.18 0.75 0.00	53.69 0.85 0.00	42.44 0.68 0.00	39.76 0.96 0.00	39.46 0.99 0.00	42.30 0.90 0.00	48.12 1.07 0.00	51.35 1.12 0.00	48.58 1.31 0.00	43.10 1.23 0.00	51.14 1.67 0.00	49.94 1.72 0.00	52.50 1.73 0.00	56.58 1.23 0.00	57.23 0.97 0.00
INDIAN POINT___2 23530	41.86 0.28 0.00	46.68 0.47 0.00	37.92 0.41 0.00	34.53 0.46 0.00	34.95 0.42 0.00	34.52 0.50 0.00	38.82 0.52 0.00	43.90 0.39 0.00	56.78 0.46 0.00	60.04 0.60 0.00	53.56 0.71 0.00	42.32 0.57 0.00	39.65 0.85 0.00	39.35 0.88 0.00	42.18 0.79 0.00	47.99 0.94 0.00	51.20 0.97 0.00	48.44 1.17 0.00	42.98 1.11 0.00	51.01 1.54 0.00	49.83 1.61 0.00	52.39 1.62 0.00	56.47 1.13 0.00	57.14 0.88 0.00
INDIAN POINT___3 23531	41.99 0.41 0.00	46.81 0.59 0.00	38.03 0.53 0.00	34.64 0.58 0.00	35.07 0.55 0.00	34.64 0.63 0.00	38.95 0.66 0.00	44.05 0.53 0.00	56.98 0.66 0.00	60.24 0.80 0.00	53.74 0.89 0.00	42.48 0.72 0.00	39.80 1.00 0.00	39.50 1.03 0.00	42.33 0.94 0.00	48.16 1.11 0.00	51.39 1.17 0.00	48.62 1.35 0.00	43.14 1.27 0.00	51.19 1.72 0.00	49.96 1.75 0.00	52.53 1.76 0.00	56.62 1.27 0.00	57.26 1.00 0.00
INGHAM_C_115KV_TB7 356103	39.78 -1.80 0.00	44.25 -1.97 0.00	35.79 -1.71 0.00	32.66 -1.40 0.00	33.27 -1.26 0.00	32.74 -1.28 0.00	36.61 -1.68 0.00	41.33 -2.18 0.00	53.52 -2.80 0.00	56.37 -3.07 0.00	50.37 -2.47 0.00	39.96 -1.80 0.00	37.21 -1.59 0.00	37.02 -1.45 0.00	40.07 -1.33 0.00	45.55 -1.50 0.00	48.87 -1.36 0.00	46.22 -1.05 0.00	41.13 -0.74 0.00	48.85 -0.62 0.00	47.55 -0.66 0.00	49.87 -0.90 0.00	53.68 -1.66 0.00	53.91 -2.35 0.00
IP CORINTH___1 23988	42.86 1.28 0.00	47.81 1.60 0.00	38.85 1.35 0.00	35.32 1.26 0.00	35.90 1.36 0.00	35.41 1.40 0.00	39.83 1.54 0.00	45.17 1.65 0.00	58.45 2.12 0.00	61.53 2.09 0.00	54.80 1.95 0.00	43.36 1.61 0.00	40.48 1.68 0.00	40.23 1.77 0.00	43.17 1.78 0.00	49.18 2.14 0.00	52.60 2.38 0.00	49.71 2.43 0.00	44.15 2.28 0.00	52.05 2.58 0.00	50.57 2.36 0.00	53.12 2.36 0.00	57.44 2.10 0.00	57.98 1.72 0.00

IP__TICONDEROGA 23804	44.11 2.53 0.00	49.49 3.27 0.00	40.19 2.68 0.00	36.41 2.35 0.00	37.07 2.54 0.00	36.63 2.61 0.00	41.19 2.89 0.00	46.46 2.95 0.00	59.97 3.65 0.00	62.89 3.46 0.00	56.09 3.25 0.00	44.53 2.78 0.00	41.65 2.85 0.00	41.70 3.23 0.00	44.57 3.18 0.00	50.80 3.75 0.00	54.32 4.09 0.00	51.70 4.43 0.00	46.02 4.14 0.00	53.97 4.50 0.00	52.03 3.82 0.00	54.64 3.87 0.00	58.95 3.60 0.00	59.25 2.99 0.00
ISLIP_RES_REC 323679	41.93 0.35 0.00	46.81 0.60 0.00	37.97 0.46 0.00	34.66 0.60 0.00	34.91 0.38 0.00	34.49 0.47 0.00	39.03 0.74 0.00	44.14 0.63 0.00	56.96 0.64 0.00	60.88 1.30 -0.15	57.59 1.50 -3.24	43.55 1.28 -0.52	42.06 1.72 -1.54	41.54 1.74 -1.33	42.10 1.41 0.70	46.45 1.74 2.34	49.09 1.83 2.96	51.23 1.95 -2.00	44.00 1.64 -0.49	55.96 1.95 -4.54	55.41 2.27 -4.93	59.35 2.45 -6.13	64.34 2.03 -6.97	59.54 1.66 -1.62
JAMAICA__27_KV_LOAD 355505	41.90 0.32 0.00	46.63 0.42 0.01	37.91 0.41 0.01	34.59 0.53 0.00	35.00 0.48 0.00	34.63 0.61 0.00	38.85 0.55 0.01	44.05 0.54 0.00	57.11 0.78 0.00	60.40 0.97 0.00	54.12 0.99 -0.28	42.72 0.96 0.00	40.08 1.28 0.00	39.63 1.16 0.00	42.43 1.03 0.00	48.22 1.17 0.00	51.48 1.23 -0.03	48.67 1.39 0.00	45.19 1.16 -2.16	51.20 1.58 -0.15	50.02 1.58 -0.22	52.55 1.56 -0.22	56.61 1.01 -0.26	57.01 0.76 0.01
JANIS__SOLAR 323808	43.13 1.55 0.00	47.66 1.44 0.00	38.24 0.74 0.00	34.27 0.21 0.00	34.77 0.24 0.00	34.38 0.36 0.00	38.79 0.49 0.00	44.24 0.72 0.00	57.12 0.80 0.00	60.26 0.82 0.00	53.59 0.74 0.00	42.22 0.47 0.00	39.12 0.31 0.00	38.49 0.02 0.00	41.81 0.41 0.00	47.52 0.47 0.00	50.90 0.68 0.00	48.16 0.89 0.00	42.73 0.86 0.00	50.72 1.25 0.00	49.44 1.23 0.00	52.06 1.29 0.00	56.85 1.51 0.00	58.09 1.83 0.00
JARVIS____ 23743	41.43 -0.16 0.00	46.04 -0.17 0.00	37.38 -0.13 0.00	33.96 -0.10 0.00	34.43 -0.10 0.00	33.89 -0.13 0.00	38.11 -0.19 0.00	43.28 -0.23 0.00	56.02 -0.30 0.00	59.15 -0.29 0.00	52.56 -0.29 0.00	41.55 -0.21 0.00	38.66 -0.14 0.00	38.35 -0.11 0.00	41.25 -0.14 0.00	46.89 -0.15 0.00	50.07 -0.15 0.00	47.19 -0.08 0.00	41.82 -0.05 0.00	49.44 -0.03 0.00	48.21 0.00 0.00	50.76 0.00 0.00	55.18 -0.16 0.00	56.03 -0.23 0.00
JENNISON__1 23625	43.01 1.43 0.00	47.37 1.15 0.00	37.74 0.24 0.00	33.43 -0.63 0.00	33.91 -0.62 0.00	33.51 -0.51 0.00	37.73 -0.57 0.00	42.98 -0.54 0.00	55.56 -0.76 0.00	58.60 -0.84 0.00	52.15 -0.70 0.00	41.20 -0.56 0.00	38.20 -0.60 0.00	37.76 -0.71 0.00	40.87 -0.52 0.00	46.46 -0.59 0.00	49.76 -0.46 0.00	47.13 -0.14 0.00	41.89 0.02 0.00	49.78 0.31 0.00	48.50 0.28 0.00	51.08 0.31 0.00	55.78 0.43 0.00	57.26 1.00 0.00
JENNISON__2 23626	43.01 1.43 0.00	47.37 1.15 0.00	37.74 0.24 0.00	33.43 -0.63 0.00	33.91 -0.62 0.00	33.51 -0.51 0.00	37.73 -0.57 0.00	42.98 -0.54 0.00	55.56 -0.76 0.00	58.60 -0.84 0.00	52.15 -0.70 0.00	41.20 -0.56 0.00	38.20 -0.60 0.00	37.76 -0.71 0.00	40.87 -0.52 0.00	46.46 -0.59 0.00	49.76 -0.46 0.00	47.13 -0.14 0.00	41.89 0.02 0.00	49.78 0.31 0.00	48.50 0.28 0.00	51.08 0.31 0.00	55.78 0.43 0.00	57.26 1.00 0.00
JERICHO_RISE_WT_PWR 323719	42.93 1.34 0.00	47.71 1.49 0.00	38.33 0.82 0.00	34.80 0.74 0.00	35.41 0.88 0.00	34.48 0.47 0.00	39.01 0.71 0.00	44.33 0.81 0.00	57.57 1.25 0.00	60.48 1.05 0.00	53.67 0.83 0.00	42.53 0.77 0.00	39.12 0.32 0.00	38.34 -0.13 0.00	41.24 -0.15 0.00	46.84 -0.21 0.00	49.50 -0.73 0.00	8.49 -1.53 37.26	40.72 -1.15 0.00	48.37 -1.10 0.00	46.59 -1.63 0.00	49.19 -1.59 0.00	55.00 -0.34 0.00	56.41 0.15 0.00
KATONAH__115KV_46KV_TB4 355592	42.23 0.65 0.00	47.06 0.85 0.00	38.25 0.74 0.00	34.83 0.77 0.00	35.27 0.74 0.00	34.85 0.83 0.00	39.19 0.89 0.00	44.34 0.83 0.00	57.39 1.07 0.00	60.70 1.26 0.00	54.14 1.29 0.00	42.82 1.07 0.00	40.11 1.31 0.00	39.80 1.33 0.00	42.65 1.25 0.00	48.53 1.49 0.00	51.82 1.60 0.00	49.03 1.76 0.00	43.52 1.65 0.00	51.59 2.12 0.00	50.33 2.12 0.00	52.90 2.13 0.00	57.00 1.66 0.00	57.62 1.36 0.00
KCE_NY_1 323755	42.52 0.94 0.00	47.42 1.21 0.00	38.53 1.02 0.00	35.02 0.96 0.00	35.62 1.09 0.00	35.11 1.10 0.00	39.51 1.22 0.00	44.83 1.31 0.00	58.00 1.68 0.00	60.96 1.53 0.00	54.28 1.43 0.00	42.95 1.20 0.00	40.07 1.27 0.00	39.83 1.36 0.00	42.71 1.32 0.00	48.67 1.62 0.00	51.98 1.76 0.00	49.04 1.76 0.00	43.56 1.69 0.00	51.44 1.97 0.00	50.15 1.93 0.00	52.62 1.86 0.00	57.02 1.68 0.00	57.64 1.38 0.00
KCE_NY_6_ESR 323823	41.16 -0.42 0.00	45.23 -0.98 0.00	36.25 -1.26 0.00	32.29 -1.77 0.00	32.87 -1.66 0.00	32.84 -1.18 0.00	37.09 -1.21 0.00	42.67 -0.85 0.00	55.57 -0.75 0.00	59.05 -0.38 0.00	52.29 -0.55 0.00	41.19 -0.57 0.00	37.70 -1.10 0.00	37.44 -1.03 0.00	40.93 -0.46 0.00	46.10 -0.95 0.00	48.91 -1.31 0.00	46.34 -0.93 0.00	40.62 -1.25 0.00	47.78 -1.68 0.00	46.58 -1.64 0.00	49.47 -1.30 0.00	55.28 -0.07 0.00	57.02 0.76 0.00
KEDC_PORT_JEFF_GT2 24210	41.78 0.20 0.00	46.68 0.47 0.00	37.87 0.37 0.00	34.56 0.50 0.00	34.83 0.29 0.00	34.39 0.37 0.00	38.90 0.61 0.00	43.99 0.47 0.00	56.75 0.43 0.00	60.63 1.07 -0.13	57.04 1.29 -2.91	43.09 1.14 -0.20	41.76 1.56 -1.39	41.27 1.61 -1.19	41.88 1.27 0.77	46.04 1.57 2.58	48.58 1.64 3.28	50.74 1.76 -1.71	43.31 1.46 0.02	55.29 1.74 -4.09	54.80 2.06 -4.52	58.56 2.25 -5.54	63.43 1.82 -6.27	59.18 1.45 -1.46
KEDC_PORT_JEFF_GT3 24211	41.78 0.20 0.00	46.68 0.47 0.00	37.87 0.37 0.00	34.56 0.50 0.00	34.83 0.29 0.00	34.39 0.37 0.00	38.90 0.61 0.00	43.99 0.47 0.00	56.75 0.43 0.00	60.63 1.07 -0.13	57.04 1.29 -2.91	43.09 1.14 -0.20	41.76 1.56 -1.39	41.27 1.61 -1.19	41.88 1.27 0.77	46.04 1.57 2.58	48.58 1.64 3.28	50.74 1.76 -1.71	43.31 1.46 0.02	55.29 1.74 -4.09	54.80 2.06 -4.52	58.56 2.25 -5.54	63.43 1.82 -6.27	59.18 1.45 -1.46
KEDC_GLWD_GT4 24219	42.39 0.81 0.00	47.28 1.06 0.00	38.39 0.89 0.00	34.97 0.91 0.00	35.37 0.83 0.00	34.95 0.94 0.00	39.36 1.07 0.00	44.49 0.98 0.00	57.55 1.23 0.00	61.71 1.58 -0.70	71.42 1.68 -16.89	55.63 1.43 -12.45	47.97 1.69 -7.48	46.62 1.72 -6.42	44.66 1.60 -1.67	54.18 1.88 -5.25	59.71 2.02 -7.46	62.76 2.11 -13.37	64.70 1.88 -20.95	74.66 2.34 -22.85	72.17 2.40 -21.55	82.98 2.45 -29.75	92.64 2.06 -35.24	65.89 1.78 -7.85
KEDC_GLWD_GT5 24220	42.39 0.81 0.00	47.28 1.06 0.00	38.39 0.89 0.00	34.97 0.91 0.00	35.37 0.83 0.00	34.95 0.94 0.00	39.36 1.07 0.00	44.49 0.98 0.00	57.55 1.23 0.00	61.71 1.58 -0.70	71.42 1.68 -16.89	55.63 1.43 -12.45	47.97 1.69 -7.48	46.62 1.72 -6.42	44.66 1.60 -1.67	54.18 1.88 -5.25	59.71 2.02 -7.46	62.76 2.11 -13.37	64.70 1.88 -20.95	74.66 2.34 -22.85	72.17 2.40 -21.55	82.98 2.45 -29.75	92.64 2.06 -35.24	65.89 1.78 -7.85

KENSICO____ 23655	42.14 0.55 0.00	46.97 0.75 0.00	38.18 0.67 0.00	34.78 0.72 0.00	35.21 0.68 0.00	34.79 0.77 0.00	39.11 0.81 0.00	44.22 0.71 0.00	57.20 0.88 0.00	60.51 1.07 0.00	53.97 1.12 0.00	42.68 0.92 0.00	40.00 1.19 0.00	39.69 1.22 0.00	42.52 1.13 0.00	48.38 1.33 0.00	51.64 1.41 0.00	48.85 1.57 0.00	43.35 1.48 0.00	51.40 1.93 0.00	50.16 1.95 0.00	52.73 1.96 0.00	56.84 1.49 0.00	57.45 1.19 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	42.57 0.99 0.00	47.39 1.18 0.00	38.49 0.98 0.00	35.03 0.97 0.00	35.48 0.95 0.00	35.04 1.02 0.00	39.47 1.17 0.00	44.73 1.22 0.00	57.99 1.67 0.00	61.37 1.94 0.00	54.77 1.92 0.00	43.28 1.53 0.00	40.50 1.70 0.00	40.15 1.68 0.00	43.10 1.71 0.00	49.07 2.02 0.00	52.39 2.17 0.00	49.55 2.28 0.00	43.96 2.09 0.00	52.16 2.69 0.00	50.88 2.66 0.00	53.47 2.70 0.00	57.67 2.33 0.00	58.29 2.03 0.00
KIAC_JFK_GT1 23816	41.66 0.08 0.00	46.36 0.15 0.01	37.70 0.20 0.01	34.41 0.35 0.00	34.82 0.29 0.00	34.45 0.43 0.00	38.63 0.34 0.01	43.78 0.27 0.00	56.74 0.42 0.00	59.95 0.52 0.00	53.71 0.59 -0.28	42.41 0.65 0.00	39.79 0.98 0.00	39.33 0.87 0.00	42.10 0.70 0.00	47.86 0.81 0.00	51.10 0.85 -0.03	48.30 1.03 0.00	44.87 0.83 -2.16	50.80 1.18 -0.15	49.65 1.21 -0.22	52.17 1.19 -0.22	56.25 0.65 -0.26	56.67 0.42 0.01
KIAC_JFK_GT2 23817	41.66 0.08 0.00	46.36 0.15 0.01	37.70 0.20 0.01	34.41 0.35 0.00	34.82 0.29 0.00	34.45 0.43 0.00	38.63 0.34 0.01	43.78 0.27 0.00	56.74 0.42 0.00	59.95 0.52 0.00	53.71 0.59 -0.28	42.41 0.65 0.00	39.79 0.98 0.00	39.33 0.87 0.00	42.10 0.70 0.00	47.86 0.81 0.00	51.10 0.85 -0.03	48.30 1.03 0.00	44.87 0.83 -2.16	50.80 1.18 -0.15	49.65 1.21 -0.22	52.17 1.19 -0.22	56.25 0.65 -0.26	56.67 0.42 0.01
KIAC_JFK____ 323774	41.67 0.09 0.00	46.36 0.15 0.01	37.71 0.21 0.01	34.41 0.35 0.00	34.82 0.29 0.00	34.45 0.43 0.00	38.64 0.34 0.01	43.79 0.28 0.00	56.74 0.42 0.00	59.93 0.49 0.00	53.73 0.61 -0.28	42.42 0.66 0.00	39.80 0.99 0.00	39.34 0.88 0.00	42.10 0.70 0.00	47.86 0.81 0.00	51.11 0.86 -0.03	48.31 1.04 0.00	44.90 0.86 -2.16	50.81 1.19 -0.15	49.65 1.22 -0.22	52.17 1.19 -0.22	56.26 0.66 -0.26	56.68 0.42 0.01
KINTIGH____ 23543	40.76 -0.82 0.00	44.87 -1.34 0.00	36.02 -1.49 0.00	32.20 -1.86 0.00	32.76 -1.77 0.00	32.70 -1.32 0.00	36.92 -1.37 0.00	42.47 -1.04 0.00	55.36 -0.97 0.00	58.75 -0.69 0.00	51.99 -0.86 0.00	40.98 -0.77 0.00	37.56 -1.25 0.00	37.27 -1.20 0.00	40.62 -0.77 0.00	45.79 -1.26 0.00	48.69 -1.54 0.00	46.04 -1.24 0.00	40.44 -1.43 0.00	47.56 -1.91 0.00	46.36 -1.86 0.00	49.06 -1.71 0.00	54.59 -0.75 0.00	56.18 -0.08 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	43.62 2.05 0.00	48.51 2.30 0.00	38.96 1.46 0.00	35.38 1.32 0.00	36.01 1.48 0.00	35.13 1.12 0.00	39.70 1.40 0.00	45.05 1.53 0.00	58.50 2.18 0.00	61.39 1.96 0.00	54.51 1.67 0.00	43.21 1.45 0.00	39.80 1.00 0.00	39.07 0.60 0.00	42.00 0.60 0.00	47.69 0.64 0.00	50.51 0.28 0.00	12.41 -0.64 34.22	41.60 -0.27 0.00	49.33 -0.14 0.00	47.60 -0.61 0.00	50.24 -0.53 0.00	55.94 0.60 0.00	57.34 1.09 0.00
LACHUTE__HYDRO 323717	44.11 2.53 0.00	49.48 3.27 0.00	40.19 2.68 0.00	36.41 2.35 0.00	37.07 2.54 0.00	36.63 2.61 0.00	41.19 2.89 0.00	46.47 2.95 0.00	59.97 3.65 0.00	62.89 3.46 0.00	56.09 3.25 0.00	44.53 2.78 0.00	41.65 2.85 0.00	41.70 3.23 0.00	44.57 3.18 0.00	50.80 3.76 0.00	54.32 4.09 0.00	51.70 4.43 0.00	46.02 4.15 0.00	53.97 4.50 0.00	52.04 3.82 0.00	54.64 3.87 0.00	58.95 3.60 0.00	59.25 2.99 0.00
LAWRNCV_115KV_TB1 80681	42.01 0.43 0.00	46.65 0.44 0.00	37.79 0.29 0.00	34.33 0.27 0.00	34.72 0.20 0.00	34.06 0.04 0.00	38.50 0.20 0.00	43.83 0.31 0.00	56.64 0.32 0.00	59.36 -0.08 0.00	52.71 -0.14 0.00	41.67 -0.08 0.00	38.43 -0.37 0.00	37.90 -0.57 0.00	40.70 -0.69 0.00	46.32 -0.73 0.00	49.48 -0.75 0.00	50.94 -1.09 -4.75	40.88 -0.99 0.00	48.17 -1.30 0.00	47.12 -1.10 0.00	49.81 -0.97 0.00	54.95 -0.39 0.00	56.20 -0.07 0.00
LEDERLE____ 23769	42.15 0.57 0.00	46.99 0.78 0.00	38.17 0.66 0.00	34.75 0.68 0.00	35.17 0.64 0.00	34.75 0.73 0.00	39.07 0.78 0.00	44.21 0.69 0.00	57.21 0.89 0.00	60.50 1.06 0.00	53.98 1.13 0.00	42.65 0.89 0.00	39.96 1.16 0.00	39.65 1.18 0.00	42.51 1.12 0.00	48.37 1.32 0.00	51.60 1.37 0.00	48.82 1.54 0.00	43.31 1.44 0.00	51.42 1.95 0.00	50.23 2.02 0.00	52.81 2.04 0.00	56.91 1.56 0.00	57.57 1.31 0.00
LIGHTRSE_115KV_TB6 355974	41.11 -0.48 0.00	45.48 -0.73 0.00	36.77 -0.73 0.00	33.31 -0.75 0.00	33.78 -0.75 0.00	33.04 -0.98 0.00	37.25 -1.05 0.00	42.48 -1.04 0.00	55.02 -1.31 0.00	58.35 -1.09 0.00	51.70 -1.14 0.00	40.80 -0.96 0.00	37.79 -1.02 0.00	37.08 -1.39 0.00	39.87 -1.52 0.00	45.58 -1.47 0.00	48.95 -1.27 0.00	46.22 -1.05 0.00	40.92 -0.95 0.00	48.33 -1.14 0.00	47.29 -0.92 0.00	49.87 -0.90 0.00	54.21 -1.13 0.00	55.21 -1.05 0.00
LINDEN COGEN____ 23786	42.02 0.44 0.00	46.85 0.64 0.00	38.09 0.58 0.00	34.72 0.66 0.00	35.13 0.60 0.00	34.73 0.72 0.00	39.02 0.72 0.00	44.10 0.59 0.00	56.99 0.67 0.00	60.28 0.84 0.00	53.82 0.97 0.00	42.58 0.82 0.00	39.93 1.13 0.00	39.61 1.14 0.00	42.40 1.01 0.00	48.24 1.18 0.00	51.46 1.23 0.00	48.70 1.42 0.00	43.18 1.31 0.00	51.25 1.78 0.00	50.03 1.81 0.00	52.57 1.80 0.00	56.58 1.24 0.00	57.24 0.98 0.00
LINDHRST_69_KV_BK1 356055	42.55 0.97 0.00	47.48 1.27 0.00	38.50 0.99 0.00	35.06 1.00 0.00	35.41 0.88 0.00	35.00 0.98 0.00	39.52 1.23 0.00	44.70 1.19 0.00	57.81 1.49 0.00	61.94 2.12 -0.39	64.22 2.21 -9.16	49.89 1.89 -6.24	45.19 2.20 -4.19	44.30 2.24 -3.59	44.09 2.07 -0.63	51.28 2.37 -1.86	55.51 2.58 -2.71	57.13 2.67 -7.19	53.38 2.22 -9.28	64.67 2.70 -12.50	63.03 2.87 -11.95	70.12 3.02 -16.33	77.30 2.71 -19.25	63.00 2.35 -4.39
LIPA_MISC_IPP 23656	41.44 -0.14 0.00	46.29 0.08 0.00	37.56 0.05 0.00	34.30 0.24 0.00	34.53 0.00 0.00	34.05 0.03 0.00	38.57 0.28 0.00	43.59 0.08 0.00	56.14 -0.19 0.00	60.01 0.45 -0.12	56.25 0.67 -2.73	42.46 0.68 -0.02	41.26 1.15 -1.31	40.78 1.18 -1.13	41.40 0.81 0.81	45.46 1.11 2.70	47.83 1.06 3.45	50.04 1.22 -1.55	42.55 0.97 0.28	54.48 1.17 -3.84	54.07 1.55 -4.31	57.81 1.81 -5.23	62.55 1.31 -5.89	58.62 0.98 -1.38
LISF__SOLAR 323691	41.46 -0.12 0.00	46.33 0.11 0.00	37.57 0.06 0.00	34.32 0.26 0.00	34.54 0.00 0.00	34.08 0.06 0.00	38.61 0.32 0.00	43.65 0.14 0.00	56.19 -0.13 0.00	60.07 0.51 -0.13	56.38 0.75 -2.79	42.55 0.71 -0.08	41.33 1.19 -1.34	40.86 1.24 -1.15	41.45 0.86 0.80	45.54 1.15 2.66	47.96 1.12 3.39	50.15 1.27 -1.61	42.74 1.06 0.19	54.66 1.26 -3.93	54.24 1.64 -4.39	57.99 1.88 -5.34	62.78 1.41 -6.02	58.73 1.06 -1.41

LITTLE FALLS___HYD 24013	39.78 -1.80 0.00	44.25 -1.97 0.00	35.79 -1.71 0.00	32.66 -1.40 0.00	33.27 -1.26 0.00	32.74 -1.28 0.00	36.61 -1.68 0.00	41.33 -2.18 0.00	53.52 -2.80 0.00	56.37 -3.07 0.00	50.37 -2.47 0.00	39.96 -1.80 0.00	37.21 -1.59 0.00	37.02 -1.45 0.00	40.07 -1.33 0.00	45.55 -1.50 0.00	48.87 -1.36 0.00	46.22 -1.05 0.00	41.13 -0.74 0.00	48.85 -0.62 0.00	47.55 -0.66 0.00	49.87 -0.90 0.00	53.68 -1.66 0.00	53.91 -2.35 0.00
LITTLRIV_115KV_TB1 356100	42.63 1.05 0.00	47.34 1.12 0.00	38.37 0.87 0.00	34.84 0.78 0.00	35.25 0.72 0.00	34.61 0.59 0.00	39.16 0.86 0.00	44.61 1.10 0.00	57.63 1.31 0.00	60.38 0.94 0.00	53.60 0.75 0.00	42.34 0.59 0.00	39.02 0.22 0.00	38.50 0.03 0.00	41.19 -0.20 0.00	46.97 -0.08 0.00	50.29 0.06 0.00	52.23 -0.27 -5.22	41.63 -0.24 0.00	49.06 -0.41 0.00	47.95 -0.26 0.00	50.64 -0.13 0.00	55.85 0.51 0.00	57.10 0.84 0.00
LI_NEWBRDGE___DRP 323616	41.93 0.35 0.00	46.83 0.61 0.00	38.01 0.50 0.00	34.64 0.58 0.00	35.01 0.47 0.00	34.58 0.56 0.00	38.98 0.69 0.00	44.05 0.53 0.00	56.94 0.61 0.00	60.52 1.06 -0.02	54.48 1.27 -0.36	40.70 1.15 2.21	40.54 1.47 -0.27	40.23 1.53 -0.23	41.39 1.32 1.33	44.32 1.59 4.32	46.27 1.69 5.64	48.54 1.75 0.48	39.19 1.45 4.13	51.92 1.77 -0.68	51.65 1.94 -1.50	53.97 2.02 -1.18	58.00 1.64 -1.02	57.91 1.36 -0.29
LOCKPORT_115KV_TB60_63_64 80432	40.71 -0.87 0.00	44.70 -1.51 0.00	35.82 -1.69 0.00	31.91 -2.15 0.00	32.52 -2.02 0.00	32.52 -1.49 0.00	36.61 -1.69 0.00	42.04 -1.47 0.00	54.84 -1.48 0.00	58.27 -1.17 0.00	51.48 -1.36 0.00	40.59 -1.16 0.00	37.07 -1.73 0.00	36.77 -1.70 0.00	40.21 -1.18 0.00	45.33 -1.72 0.00	48.14 -2.08 0.00	45.56 -1.71 0.00	39.91 -1.96 0.00	46.87 -2.60 0.00	45.69 -2.53 0.00	48.52 -2.25 0.00	54.36 -0.98 0.00	56.20 -0.06 0.00
LOCKPORT___CC1 323769	40.64 -0.94 0.00	44.63 -1.58 0.00	35.77 -1.74 0.00	31.84 -2.22 0.00	32.44 -2.09 0.00	32.45 -1.57 0.00	36.53 -1.77 0.00	41.96 -1.55 0.00	54.73 -1.59 0.00	58.15 -1.29 0.00	51.40 -1.45 0.00	40.52 -1.24 0.00	37.03 -1.77 0.00	36.72 -1.75 0.00	40.16 -1.24 0.00	45.26 -1.79 0.00	48.09 -2.14 0.00	45.50 -1.77 0.00	39.83 -2.04 0.00	46.82 -2.65 0.00	45.63 -2.58 0.00	48.47 -2.30 0.00	54.32 -1.02 0.00	56.15 -0.11 0.00
LOCKPORT___CC2 323770	40.64 -0.94 0.00	44.63 -1.58 0.00	35.77 -1.74 0.00	31.84 -2.22 0.00	32.44 -2.09 0.00	32.45 -1.57 0.00	36.53 -1.77 0.00	41.96 -1.55 0.00	54.73 -1.59 0.00	58.15 -1.29 0.00	51.40 -1.45 0.00	40.52 -1.24 0.00	37.03 -1.77 0.00	36.72 -1.75 0.00	40.16 -1.24 0.00	45.26 -1.79 0.00	48.09 -2.14 0.00	45.50 -1.77 0.00	39.83 -2.04 0.00	46.82 -2.65 0.00	45.63 -2.58 0.00	48.47 -2.30 0.00	54.32 -1.02 0.00	56.15 -0.11 0.00
LOCKPORT___CC3 323771	40.64 -0.94 0.00	44.63 -1.58 0.00	35.77 -1.74 0.00	31.84 -2.22 0.00	32.44 -2.09 0.00	32.45 -1.57 0.00	36.53 -1.77 0.00	41.96 -1.55 0.00	54.73 -1.59 0.00	58.15 -1.29 0.00	51.40 -1.45 0.00	40.52 -1.24 0.00	37.03 -1.77 0.00	36.72 -1.75 0.00	40.16 -1.24 0.00	45.26 -1.79 0.00	48.09 -2.14 0.00	45.50 -1.77 0.00	39.83 -2.04 0.00	46.82 -2.65 0.00	45.63 -2.58 0.00	48.47 -2.30 0.00	54.32 -1.02 0.00	56.15 -0.11 0.00
LONG_LAKE_PHOENIX 24014	40.95 -0.63 0.00	45.42 -0.80 0.00	36.80 -0.71 0.00	33.34 -0.72 0.00	33.83 -0.70 0.00	33.39 -0.63 0.00	37.63 -0.67 0.00	42.84 -0.68 0.00	55.55 -0.77 0.00	58.74 -0.70 0.00	52.22 -0.62 0.00	41.17 -0.58 0.00	38.22 -0.57 0.00	37.87 -0.60 0.00	40.81 -0.58 0.00	46.39 -0.66 0.00	49.58 -0.65 0.00	46.77 -0.50 0.00	41.38 -0.49 0.00	48.90 -0.57 0.00	47.65 -0.57 0.00	50.13 -0.64 0.00	54.63 -0.71 0.00	55.56 -0.70 0.00
LOVETT___3 23632	41.93 0.35 0.00	46.75 0.54 0.00	37.98 0.48 0.00	34.59 0.53 0.00	35.02 0.49 0.00	34.59 0.57 0.00	38.89 0.59 0.00	43.98 0.46 0.00	56.88 0.56 0.00	60.14 0.70 0.00	53.65 0.80 0.00	42.40 0.65 0.00	39.73 0.93 0.00	39.43 0.96 0.00	42.26 0.87 0.00	48.09 1.04 0.00	51.30 1.07 0.00	48.53 1.26 0.00	43.06 1.19 0.00	51.10 1.63 0.00	49.91 1.69 0.00	52.48 1.71 0.00	56.56 1.21 0.00	57.21 0.95 0.00
LOVETT___4 23642	41.93 0.35 0.00	46.75 0.54 0.00	37.98 0.48 0.00	34.59 0.53 0.00	35.02 0.49 0.00	34.59 0.57 0.00	38.89 0.59 0.00	43.98 0.46 0.00	56.88 0.56 0.00	60.14 0.70 0.00	53.65 0.80 0.00	42.40 0.65 0.00	39.73 0.93 0.00	39.43 0.96 0.00	42.26 0.87 0.00	48.09 1.04 0.00	51.30 1.07 0.00	48.53 1.26 0.00	43.06 1.19 0.00	51.10 1.63 0.00	49.91 1.69 0.00	52.48 1.71 0.00	56.56 1.21 0.00	57.21 0.95 0.00
LOVETT___5 23593	41.93 0.35 0.00	46.75 0.54 0.00	37.98 0.48 0.00	34.59 0.53 0.00	35.02 0.49 0.00	34.59 0.57 0.00	38.89 0.59 0.00	43.98 0.46 0.00	56.88 0.56 0.00	60.14 0.70 0.00	53.65 0.80 0.00	42.40 0.65 0.00	39.73 0.93 0.00	39.43 0.96 0.00	42.26 0.87 0.00	48.09 1.04 0.00	51.30 1.07 0.00	48.53 1.26 0.00	43.06 1.19 0.00	51.10 1.63 0.00	49.91 1.69 0.00	52.48 1.71 0.00	56.56 1.21 0.00	57.21 0.95 0.00
LOWER RAQUET___HYD 24057	41.82 0.24 0.00	46.42 0.21 0.00	37.60 0.10 0.00	34.15 0.09 0.00	34.53 0.00 0.00	33.85 -0.17 0.00	38.27 -0.03 0.00	43.57 0.06 0.00	56.32 0.00 0.00	59.04 -0.40 0.00	52.42 -0.43 0.00	41.45 -0.31 0.00	38.19 -0.61 0.00	37.65 -0.82 0.00	40.39 -1.00 0.00	46.01 -1.04 0.00	49.16 -1.06 0.00	51.55 -1.39 -5.67	40.62 -1.25 0.00	47.88 -1.59 0.00	46.83 -1.39 0.00	49.49 -1.28 0.00	54.60 -0.75 0.00	55.85 -0.41 0.00
LOWER___HUDSON 24059	41.75 0.16 0.00	46.53 0.32 0.00	37.87 0.36 0.00	34.51 0.44 0.00	35.07 0.54 0.00	34.56 0.54 0.00	38.80 0.50 0.00	43.95 0.44 0.00	56.81 0.49 0.00	59.70 0.27 0.00	53.09 0.24 0.00	42.05 0.29 0.00	39.27 0.46 0.00	39.03 0.56 0.00	41.82 0.42 0.00	47.61 0.56 0.00	50.93 0.71 0.00	48.00 0.73 0.00	42.66 0.80 0.00	50.34 0.88 0.00	49.06 0.84 0.00	51.58 0.81 0.00	55.81 0.47 0.00	56.39 0.13 0.00
LOWVILLE_115KV_TB2 356335	42.06 0.48 0.00	46.39 0.18 0.00	37.41 -0.09 0.00	33.94 -0.13 0.00	34.15 -0.39 0.00	32.92 -1.10 0.00	37.04 -1.26 0.00	42.17 -1.34 0.00	54.60 -1.72 0.00	58.22 -1.21 0.00	51.45 -1.40 0.00	40.72 -1.03 0.00	37.44 -1.36 0.00	36.59 -1.88 0.00	39.26 -2.14 0.00	45.03 -2.02 0.00	48.37 -1.85 0.00	47.28 -1.63 -1.64	40.42 -1.45 0.00	47.85 -1.62 0.00	47.08 -1.14 0.00	49.91 -0.86 0.00	54.25 -1.09 0.00	55.43 -0.83 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	42.53 0.95 0.00	47.41 1.19 0.00	38.53 1.03 0.00	35.06 0.99 0.00	35.62 1.09 0.00	35.12 1.10 0.00	39.50 1.20 0.00	44.80 1.28 0.00	57.97 1.65 0.00	60.98 1.55 0.00	54.27 1.42 0.00	42.94 1.19 0.00	40.06 1.26 0.00	39.80 1.33 0.00	42.70 1.31 0.00	48.64 1.59 0.00	51.99 1.77 0.00	49.04 1.77 0.00	43.57 1.70 0.00	51.42 1.95 0.00	50.08 1.87 0.00	52.62 1.85 0.00	56.98 1.63 0.00	57.60 1.34 0.00

LUTHERNY_35_KV_BK2 355980	42.52 0.94 0.00	47.42 1.21 0.00	38.53 1.02 0.00	35.02 0.96 0.00	35.62 1.09 0.00	35.11 1.10 0.00	39.51 1.22 0.00	44.83 1.31 0.00	58.00 1.68 0.00	60.96 1.53 0.00	54.28 1.43 0.00	42.95 1.20 0.00	40.07 1.27 0.00	39.83 1.36 0.00	42.71 1.32 0.00	48.67 1.62 0.00	51.98 1.76 0.00	49.03 1.76 0.00	43.57 1.70 0.00	51.44 1.97 0.00	50.14 1.93 0.00	52.62 1.86 0.00	57.02 1.67 0.00	57.64 1.38 0.00
LWR___OSWEGATCHIE_HYD 23850	41.41 -0.17 0.00	45.83 -0.38 0.00	37.04 -0.47 0.00	33.62 -0.44 0.00	33.94 -0.59 0.00	32.99 -1.03 0.00	37.23 -1.07 0.00	42.41 -1.10 0.00	54.84 -1.48 0.00	57.96 -1.48 0.00	51.32 -1.53 0.00	40.61 -1.15 0.00	37.39 -1.40 0.00	36.61 -1.86 0.00	39.26 -2.13 0.00	44.94 -2.11 0.00	48.22 -2.01 0.00	49.11 -2.02 -3.86	40.07 -1.80 0.00	47.30 -2.17 0.00	46.42 -1.80 0.00	49.12 -1.65 0.00	53.77 -1.57 0.00	54.96 -1.30 0.00
LYONS_FALL_HYD 23570	42.11 0.53 0.00	46.56 0.35 0.00	37.62 0.11 0.00	34.14 0.07 0.00	34.45 -0.08 0.00	33.50 -0.51 0.00	37.69 -0.60 0.00	42.91 -0.60 0.00	55.59 -0.73 0.00	59.12 -0.31 0.00	52.38 -0.47 0.00	41.41 -0.35 0.00	38.21 -0.59 0.00	37.59 -0.88 0.00	40.41 -0.99 0.00	46.17 -0.88 0.00	49.47 -0.75 0.00	47.76 -0.61 -1.10	41.32 -0.55 0.00	48.91 -0.56 0.00	47.93 -0.29 0.00	50.63 -0.13 0.00	55.05 -0.30 0.00	56.09 -0.17 0.00
MADISON___COUNTY_LFGE 323628	42.34 0.76 0.00	46.92 0.71 0.00	37.96 0.46 0.00	34.41 0.36 0.00	34.90 0.37 0.00	34.33 0.32 0.00	38.69 0.40 0.00	44.04 0.52 0.00	57.15 0.83 0.00	60.56 1.12 0.00	53.78 0.94 0.00	42.48 0.72 0.00	39.31 0.52 0.00	39.06 0.59 0.00	42.07 0.67 0.00	47.83 0.78 0.00	51.11 0.88 0.00	48.19 0.92 0.00	42.67 0.80 0.00	50.53 1.06 0.00	49.23 1.02 0.00	51.80 1.03 0.00	56.36 1.02 0.00	57.26 1.00 0.00
MALONE___115KV_TB1 356076	42.99 1.40 0.00	47.74 1.53 0.00	38.42 0.91 0.00	34.90 0.84 0.00	35.46 0.93 0.00	34.61 0.59 0.00	39.19 0.89 0.00	44.63 1.11 0.00	57.90 1.58 0.00	60.87 1.44 0.00	54.01 1.16 0.00	42.78 1.02 0.00	39.37 0.57 0.00	38.62 0.15 0.00	41.50 0.10 0.00	47.06 0.01 0.00	49.96 -0.26 0.00	70.59 -0.94 -24.26	41.20 -0.67 0.00	48.84 -0.63 0.00	47.18 -1.03 0.00	49.80 -0.97 0.00	55.46 0.12 0.00	56.77 0.51 0.00
MAPLEWOD_115KV_TB3 80458	41.68 0.10 0.00	46.41 0.20 0.00	37.80 0.29 0.00	34.44 0.38 0.00	34.98 0.45 0.00	34.46 0.45 0.00	38.58 0.29 0.00	43.69 0.18 0.00	56.52 0.19 0.00	59.49 0.05 0.00	52.93 0.08 0.00	41.93 0.17 0.00	39.15 0.35 0.00	38.90 0.43 0.00	41.67 0.28 0.00	47.43 0.39 0.00	50.74 0.52 0.00	47.82 0.55 0.00	42.46 0.59 0.00	50.15 0.68 0.00	48.88 0.66 0.00	51.39 0.62 0.00	55.59 0.25 0.00	56.18 -0.08 0.00
MAPLE_RIDGE_WT_1 323574	41.69 0.11 0.00	46.25 0.03 0.00	37.51 0.00 0.00	33.98 -0.08 0.00	34.32 -0.21 0.00	33.62 -0.40 0.00	37.73 -0.57 0.00	42.99 -0.52 0.00	55.48 -0.84 0.00	58.39 -1.04 0.00	51.70 -1.14 0.00	40.90 -0.85 0.00	37.87 -0.93 0.00	37.50 -0.97 0.00	40.38 -1.01 0.00	45.85 -1.20 0.00	48.96 -1.27 0.00	45.88 -1.39 0.00	40.58 -1.29 0.00	47.87 -1.59 0.00	46.88 -1.33 0.00	49.56 -1.21 0.00	54.41 -0.94 0.00	55.64 -0.62 0.00
MAPLE_RIDGE_WT_2 323611	41.69 0.11 0.00	46.25 0.03 0.00	37.51 0.00 0.00	33.98 -0.08 0.00	34.32 -0.21 0.00	33.62 -0.40 0.00	37.73 -0.57 0.00	42.99 -0.52 0.00	55.48 -0.84 0.00	58.39 -1.04 0.00	51.70 -1.14 0.00	40.90 -0.85 0.00	37.87 -0.93 0.00	37.50 -0.97 0.00	40.38 -1.01 0.00	45.85 -1.20 0.00	48.96 -1.27 0.00	45.88 -1.39 0.00	40.58 -1.29 0.00	47.87 -1.59 0.00	46.88 -1.33 0.00	49.56 -1.21 0.00	54.41 -0.94 0.00	55.64 -0.62 0.00
MARBLE_RIVER_WT_PWR 323696	42.90 1.32 0.00	47.69 1.47 0.00	38.31 0.81 0.00	34.78 0.72 0.00	35.40 0.87 0.00	34.50 0.49 0.00	38.98 0.68 0.00	44.25 0.74 0.00	57.48 1.15 0.00	60.38 0.95 0.00	53.61 0.76 0.00	42.48 0.72 0.00	39.06 0.26 0.00	38.30 -0.17 0.00	41.22 -0.17 0.00	46.84 -0.21 0.00	49.52 -0.70 0.00	11.59 -1.47 34.22	40.79 -1.08 0.00	48.45 -1.02 0.00	46.70 -1.52 0.00	49.31 -1.46 0.00	55.05 -0.29 0.00	56.46 0.20 0.00
MARSHVLE_115KV_TB1 80742	44.01 2.43 0.00	48.68 2.47 0.00	39.26 1.75 0.00	35.37 1.31 0.00	35.85 1.32 0.00	35.24 1.22 0.00	39.88 1.59 0.00	45.52 2.01 0.00	59.08 2.76 0.00	62.56 3.12 0.00	55.91 3.07 0.00	44.00 2.24 0.00	40.55 1.75 0.00	40.05 1.58 0.00	43.56 2.17 0.00	49.48 2.44 0.00	52.96 2.74 0.00	49.88 2.61 0.00	44.09 2.22 0.00	52.15 2.69 0.00	50.84 2.62 0.00	53.53 2.76 0.00	58.56 3.22 0.00	59.69 3.43 0.00
MARSH_HILL_WT_PWR 323713	40.40 -1.18 0.00	44.45 -1.77 0.00	35.15 -2.35 0.00	31.42 -2.65 0.00	31.78 -2.75 0.00	31.23 -2.78 0.00	34.94 -3.36 0.00	39.70 -3.81 0.00	51.64 -4.68 0.00	54.95 -4.48 0.00	48.35 -4.49 0.00	37.97 -3.79 0.00	35.39 -3.41 0.00	34.90 -3.57 0.00	37.78 -3.62 0.00	43.06 -3.99 0.00	46.50 -3.72 0.00	44.76 -2.52 0.00	39.62 -2.25 0.00	47.12 -2.35 0.00	46.05 -2.16 0.00	49.32 -1.45 0.00	54.86 -0.48 0.00	56.75 0.49 0.00
MCINTYRE_115KV_TB2 80467	43.15 1.57 0.00	47.93 1.72 0.00	38.87 1.36 0.00	35.29 1.23 0.00	35.71 1.18 0.00	35.12 1.10 0.00	39.75 1.45 0.00	45.28 1.77 0.00	58.50 2.17 0.00	61.25 1.81 0.00	54.40 1.56 0.00	42.94 1.19 0.00	39.57 0.78 0.00	39.11 0.64 0.00	41.78 0.39 0.00	47.64 0.59 0.00	51.04 0.82 0.00	52.27 0.49 -4.51	42.29 0.42 0.00	49.82 0.35 0.00	48.66 0.45 0.00	51.38 0.61 0.00	56.66 1.31 0.00	57.91 1.64 0.00
MECO_____69_KV_BK1 80468	43.93 2.35 0.00	48.69 2.48 0.00	39.39 1.89 0.00	35.64 1.58 0.00	36.15 1.61 0.00	35.58 1.57 0.00	40.18 1.88 0.00	45.82 2.31 0.00	59.44 3.12 0.00	62.87 3.43 0.00	56.12 3.27 0.00	44.22 2.46 0.00	40.95 2.15 0.00	40.45 1.98 0.00	43.90 2.51 0.00	49.82 2.77 0.00	53.39 3.16 0.00	50.37 3.10 0.00	44.57 2.70 0.00	52.69 3.22 0.00	51.35 3.14 0.00	53.99 3.22 0.00	58.77 3.43 0.00	59.68 3.42 0.00
MENANDS___115KV_TB5 355628	41.47 -0.12 0.00	46.19 -0.02 0.00	37.63 0.12 0.00	34.30 0.24 0.00	34.85 0.32 0.00	34.32 0.30 0.00	38.38 0.08 0.00	43.43 -0.08 0.00	56.16 -0.16 0.00	59.08 -0.36 0.00	52.56 -0.29 0.00	41.64 -0.11 0.00	38.90 0.10 0.00	38.65 0.18 0.00	41.39 0.00 0.00	47.12 0.07 0.00	50.40 0.17 0.00	47.49 0.22 0.00	42.17 0.30 0.00	49.80 0.33 0.00	48.55 0.33 0.00	51.03 0.27 0.00	55.21 -0.13 0.00	55.79 -0.46 0.00
MG INDUSTRY___DRP 24185	41.73 0.14 0.00	46.46 0.25 0.00	37.83 0.33 0.00	34.47 0.41 0.00	35.00 0.47 0.00	34.45 0.44 0.00	38.59 0.29 0.00	43.71 0.20 0.00	56.51 0.19 0.00	59.48 0.05 0.00	52.85 0.00 0.00	41.81 0.06 0.00	39.02 0.22 0.00	38.74 0.27 0.00	41.48 0.09 0.00	47.30 0.25 0.00	50.58 0.35 0.00	47.66 0.39 0.00	42.31 0.44 0.00	50.01 0.54 0.00	48.75 0.53 0.00	51.27 0.50 0.00	55.53 0.19 0.00	56.22 -0.04 0.00

MID___OSWEGATCHIE_HYD 23849	41.41 -0.17 0.00	45.83 -0.38 0.00	37.04 -0.47 0.00	33.62 -0.44 0.00	33.94 -0.59 0.00	32.99 -1.03 0.00	37.23 -1.07 0.00	42.41 -1.10 0.00	54.84 -1.48 0.00	57.96 -1.48 0.00	51.32 -1.53 0.00	40.61 -1.15 0.00	37.39 -1.40 0.00	36.61 -1.86 0.00	39.26 -2.13 0.00	44.94 -2.11 0.00	48.22 -2.01 0.00	49.11 -2.02 -3.86	40.07 -1.80 0.00	47.30 -2.17 0.00	46.42 -1.80 0.00	49.12 -1.65 0.00	53.77 -1.57 0.00	54.96 -1.30 0.00
MID___RAQUETTE_HYD 23851	41.82 0.23 0.00	46.42 0.21 0.00	37.60 0.10 0.00	34.15 0.09 0.00	34.53 0.00 0.00	33.85 -0.17 0.00	38.27 -0.03 0.00	43.57 0.06 0.00	56.32 0.00 0.00	59.03 -0.40 0.00	52.42 -0.43 0.00	41.44 -0.32 0.00	38.19 -0.61 0.00	37.65 -0.82 0.00	40.39 -1.00 0.00	46.01 -1.04 0.00	49.16 -1.06 0.00	51.55 -1.39 -5.67	40.62 -1.25 0.00	47.88 -1.59 0.00	46.83 -1.39 0.00	49.49 -1.28 0.00	54.60 -0.75 0.00	55.85 -0.41 0.00
MILLIKEN___1 23584	42.11 0.53 0.00	46.68 0.46 0.00	37.71 0.21 0.00	34.08 0.02 0.00	34.59 0.05 0.00	34.17 0.16 0.00	38.57 0.28 0.00	43.95 0.43 0.00	56.87 0.55 0.00	60.12 0.68 0.00	53.48 0.63 0.00	42.13 0.37 0.00	39.06 0.26 0.00	38.69 0.22 0.00	41.75 0.36 0.00	47.48 0.43 0.00	50.77 0.54 0.00	47.98 0.71 0.00	42.54 0.67 0.00	50.43 0.96 0.00	49.15 0.94 0.00	51.61 0.84 0.00	56.17 0.83 0.00	57.23 0.96 0.00
MILLIKEN___2 23585	42.11 0.53 0.00	46.68 0.46 0.00	37.71 0.21 0.00	34.08 0.02 0.00	34.59 0.05 0.00	34.17 0.16 0.00	38.57 0.28 0.00	43.95 0.43 0.00	56.87 0.55 0.00	60.12 0.68 0.00	53.48 0.63 0.00	42.13 0.37 0.00	39.06 0.26 0.00	38.69 0.22 0.00	41.75 0.36 0.00	47.48 0.43 0.00	50.77 0.54 0.00	47.98 0.71 0.00	42.54 0.67 0.00	50.43 0.96 0.00	49.15 0.94 0.00	51.61 0.84 0.00	56.17 0.83 0.00	57.23 0.96 0.00
MILLIKEN___DIESEL 23629	42.11 0.53 0.00	46.68 0.46 0.00	37.71 0.21 0.00	34.08 0.02 0.00	34.59 0.05 0.00	34.17 0.16 0.00	38.57 0.28 0.00	43.95 0.43 0.00	56.87 0.55 0.00	60.12 0.68 0.00	53.48 0.63 0.00	42.13 0.37 0.00	39.06 0.26 0.00	38.69 0.22 0.00	41.75 0.36 0.00	47.48 0.43 0.00	50.77 0.54 0.00	47.98 0.71 0.00	42.54 0.67 0.00	50.43 0.96 0.00	49.15 0.94 0.00	51.61 0.84 0.00	56.17 0.83 0.00	57.23 0.96 0.00
MILLSEAT___LFGE 323607	41.41 -0.17 0.00	45.51 -0.70 0.00	36.50 -1.00 0.00	32.56 -1.50 0.00	33.17 -1.36 0.00	33.16 -0.85 0.00	37.39 -0.91 0.00	42.95 -0.56 0.00	56.09 -0.23 0.00	59.58 0.14 0.00	52.59 -0.26 0.00	41.38 -0.38 0.00	37.68 -1.12 0.00	37.37 -1.09 0.00	40.94 -0.45 0.00	46.16 -0.89 0.00	49.17 -1.05 0.00	46.55 -0.72 0.00	40.91 -0.95 0.00	48.11 -1.35 0.00	46.89 -1.33 0.00	49.68 -1.09 0.00	55.41 0.07 0.00	57.08 0.82 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	42.04 0.46 0.00	46.86 0.65 0.00	38.08 0.58 0.00	34.69 0.63 0.00	35.12 0.59 0.00	34.69 0.68 0.00	39.00 0.70 0.00	44.11 0.59 0.00	57.05 0.73 0.00	60.34 0.90 0.00	53.80 0.96 0.00	42.55 0.80 0.00	39.87 1.07 0.00	39.56 1.09 0.00	42.39 0.99 0.00	48.23 1.18 0.00	51.48 1.25 0.00	48.69 1.42 0.00	43.20 1.34 0.00	51.25 1.78 0.00	50.04 1.82 0.00	52.59 1.82 0.00	56.69 1.34 0.00	57.31 1.05 0.00
MILLWOOD_13_KV_LOAD 356217	42.09 0.51 0.00	46.92 0.70 0.00	38.13 0.62 0.00	34.72 0.66 0.00	35.16 0.62 0.00	34.73 0.71 0.00	39.04 0.75 0.00	44.17 0.65 0.00	57.13 0.81 0.00	60.41 0.98 0.00	53.89 1.05 0.00	42.60 0.85 0.00	39.91 1.12 0.00	39.62 1.15 0.00	42.45 1.06 0.00	48.30 1.25 0.00	51.55 1.32 0.00	48.77 1.50 0.00	43.27 1.40 0.00	51.34 1.87 0.00	50.11 1.89 0.00	52.67 1.90 0.00	56.76 1.42 0.00	57.39 1.13 0.00
MODEL_CITY_ENERGY 24167	40.43 -1.15 0.00	44.40 -1.81 0.00	35.59 -1.92 0.00	31.70 -2.36 0.00	32.30 -2.23 0.00	32.32 -1.69 0.00	36.35 -1.95 0.00	41.69 -1.82 0.00	54.39 -1.93 0.00	57.78 -1.65 0.00	51.07 -1.78 0.00	40.26 -1.50 0.00	36.80 -2.00 0.00	36.50 -1.97 0.00	39.90 -1.50 0.00	44.99 -2.06 0.00	47.71 -2.51 0.00	45.13 -2.14 0.00	39.50 -2.36 0.00	46.40 -3.07 0.00	45.21 -3.01 0.00	48.03 -2.74 0.00	53.89 -1.46 0.00	55.77 -0.49 0.00
MODERN_LFGE___ 323580	40.43 -1.15 0.00	44.40 -1.81 0.00	35.59 -1.92 0.00	31.70 -2.36 0.00	32.30 -2.23 0.00	32.32 -1.69 0.00	36.35 -1.95 0.00	41.69 -1.82 0.00	54.39 -1.93 0.00	57.78 -1.65 0.00	51.07 -1.78 0.00	40.26 -1.50 0.00	36.80 -2.00 0.00	36.50 -1.97 0.00	39.90 -1.50 0.00	44.99 -2.06 0.00	47.71 -2.51 0.00	45.13 -2.14 0.00	39.50 -2.36 0.00	46.40 -3.07 0.00	45.21 -3.01 0.00	48.03 -2.74 0.00	53.89 -1.46 0.00	55.77 -0.49 0.00
MOHAWK_PAPER___DRP 24187	41.68 0.10 0.00	46.41 0.20 0.00	37.80 0.29 0.00	34.44 0.38 0.00	34.98 0.45 0.00	34.46 0.45 0.00	38.58 0.29 0.00	43.69 0.18 0.00	56.52 0.19 0.00	59.49 0.05 0.00	52.93 0.08 0.00	41.93 0.17 0.00	39.15 0.35 0.00	38.90 0.43 0.00	41.67 0.28 0.00	47.43 0.39 0.00	50.74 0.52 0.00	47.82 0.55 0.00	42.46 0.59 0.00	50.15 0.68 0.00	48.88 0.66 0.00	51.39 0.62 0.00	55.59 0.25 0.00	56.18 -0.08 0.00
MOHICAN___35_KV_115KV_LD 80490	42.95 1.37 0.00	47.92 1.71 0.00	38.96 1.45 0.00	35.41 1.35 0.00	36.00 1.47 0.00	35.52 1.50 0.00	39.94 1.65 0.00	45.27 1.75 0.00	58.55 2.23 0.00	61.59 2.16 0.00	54.84 2.00 0.00	43.41 1.66 0.00	40.54 1.74 0.00	40.32 1.84 0.00	43.22 1.83 0.00	49.27 2.22 0.00	52.68 2.46 0.00	49.82 2.55 0.00	44.26 2.39 0.00	52.16 2.70 0.00	50.67 2.46 0.00	53.21 2.44 0.00	57.54 2.19 0.00	58.04 1.78 0.00
MONGAUP___HYD 23641	42.39 0.80 0.00	47.17 0.96 0.00	38.31 0.81 0.00	34.86 0.80 0.00	35.31 0.79 0.00	34.87 0.85 0.00	39.23 0.94 0.00	44.21 0.70 0.00	57.23 0.91 0.00	60.47 1.04 0.00	53.98 1.13 0.00	42.59 0.83 0.00	39.82 1.02 0.00	39.49 1.01 0.00	42.35 0.95 0.00	48.27 1.22 0.00	51.67 1.45 0.00	48.85 1.58 0.00	43.32 1.45 0.00	51.43 1.96 0.00	50.21 1.99 0.00	52.77 2.00 0.00	57.30 1.96 0.00	57.94 1.68 0.00
MONTAUK___DIESEL 23721	42.45 0.87 0.00	47.39 1.18 0.00	38.40 0.89 0.00	35.06 1.00 0.00	35.01 0.48 0.00	33.18 -0.84 0.00	37.65 -0.65 0.00	42.58 -0.93 0.00	54.89 -1.43 0.00	59.77 0.20 -0.12	55.21 -0.39 -2.75	41.81 0.00 -0.05	41.07 0.94 -1.32	40.48 0.87 -1.14	41.20 0.61 0.81	45.60 1.24 2.69	46.93 0.13 3.43	49.12 0.27 -1.57	41.82 0.19 0.25	53.59 0.24 -3.87	54.24 1.69 -4.34	59.05 3.01 -5.27	63.70 2.42 -5.94	60.26 2.61 -1.39
MOONROAD_115KV_HARTFLD_TB1-2 355988	40.49 -1.10 0.00	44.68 -1.54 0.00	36.10 -1.41 0.00	31.51 -2.55 0.00	32.09 -2.45 0.00	31.76 -2.25 0.00	35.71 -2.59 0.00	41.04 -2.48 0.00	53.41 -2.91 0.00	56.37 -3.07 0.00	50.61 -2.24 0.00	39.58 -2.17 0.00	36.58 -2.22 0.00	36.37 -2.11 0.00	40.28 -1.11 0.00	45.90 -1.15 0.00	48.30 -1.92 0.00	46.49 -0.79 0.00	40.09 -1.78 0.00	47.63 -1.84 0.00	47.08 -1.13 0.00	50.89 0.12 0.00	56.62 1.28 0.00	58.54 2.28 0.00

MORRIS_RIDGE___SOLAR 323848	40.33 -1.25 0.00	44.29 -1.93 0.00	35.43 -2.07 0.00	31.64 -2.42 0.00	32.07 -2.46 0.00	31.77 -2.25 0.00	35.73 -2.56 0.00	40.68 -2.83 0.00	52.75 -3.57 0.00	55.89 -3.54 0.00	49.16 -3.69 0.00	38.87 -2.89 0.00	35.90 -2.90 0.00	35.44 -3.02 0.00	38.46 -2.93 0.00	43.70 -3.35 0.00	47.10 -3.13 0.00	45.01 -2.27 0.00	39.63 -2.23 0.00	46.96 -2.51 0.00	45.98 -2.23 0.00	48.83 -1.94 0.00	54.43 -0.92 0.00	56.20 -0.05 0.00
MORTIMER_115KV_TB3 55949	41.25 -0.33 0.00	45.50 -0.71 0.00	36.62 -0.89 0.00	32.88 -1.18 0.00	33.42 -1.12 0.00	33.26 -0.76 0.00	37.57 -0.72 0.00	43.13 -0.38 0.00	56.17 -0.15 0.00	59.58 0.15 0.00	52.78 -0.07 0.00	41.56 -0.19 0.00	38.17 -0.63 0.00	37.85 -0.62 0.00	41.16 -0.23 0.00	46.52 -0.53 0.00	49.62 -0.60 0.00	46.88 -0.39 0.00	41.29 -0.57 0.00	48.66 -0.81 0.00	47.41 -0.81 0.00	50.03 -0.73 0.00	55.24 -0.10 0.00	56.56 0.30 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	42.27 0.69 0.00	47.11 0.89 0.00	38.30 0.80 0.00	34.90 0.84 0.00	35.33 0.79 0.00	34.92 0.90 0.00	39.23 0.93 0.00	44.34 0.83 0.00	57.34 1.02 0.00	60.69 1.25 0.00	54.14 1.30 0.00	42.84 1.08 0.00	40.15 1.35 0.00	39.84 1.37 0.00	42.67 1.28 0.00	48.55 1.50 0.00	51.81 1.58 0.00	49.02 1.75 0.00	43.46 1.59 0.00	51.56 2.09 0.00	50.30 2.09 0.00	52.86 2.09 0.00	56.95 1.60 0.00	57.56 1.30 0.00
MUNSVILLE_WIND_PWR 323609	44.42 2.84 0.00	48.91 2.69 0.00	38.90 1.39 0.00	34.45 0.39 0.00	34.93 0.40 0.00	34.58 0.56 0.00	38.97 0.68 0.00	44.42 0.90 0.00	56.96 0.64 0.00	59.80 0.37 0.00	53.26 0.42 0.00	42.00 0.24 0.00	38.90 0.10 0.00	38.29 -0.18 0.00	41.67 0.28 0.00	47.29 0.24 0.00	50.74 0.51 0.00	47.99 0.72 0.00	42.56 0.70 0.00	50.66 1.19 0.00	49.41 1.20 0.00	52.24 1.47 0.00	57.31 1.97 0.00	58.88 2.62 0.00
N SALMON___HYD 24042	42.99 1.40 0.00	47.74 1.53 0.00	38.42 0.91 0.00	34.90 0.84 0.00	35.46 0.93 0.00	34.61 0.59 0.00	39.19 0.89 0.00	44.63 1.11 0.00	57.90 1.58 0.00	60.87 1.44 0.00	54.01 1.16 0.00	42.78 1.02 0.00	39.37 0.57 0.00	38.62 0.15 0.00	41.50 0.10 0.00	47.06 0.01 0.00	49.96 -0.26 0.00	70.59 -0.94 -24.26	41.19 -0.67 0.00	48.84 -0.63 0.00	47.18 -1.03 0.00	49.80 -0.97 0.00	55.46 0.12 0.00	56.77 0.51 0.00
N.AKRON__115KV_KNAPP 355671	41.38 -0.20 0.00	45.46 -0.75 0.00	36.45 -1.05 0.00	32.52 -1.54 0.00	33.12 -1.41 0.00	33.13 -0.89 0.00	37.33 -0.97 0.00	42.89 -0.62 0.00	55.99 -0.33 0.00	59.46 0.03 0.00	52.50 -0.35 0.00	41.34 -0.42 0.00	37.66 -1.15 0.00	37.35 -1.12 0.00	40.91 -0.48 0.00	46.11 -0.94 0.00	49.10 -1.12 0.00	46.51 -0.77 0.00	40.83 -1.04 0.00	47.99 -1.48 0.00	46.77 -1.44 0.00	49.58 -1.19 0.00	55.33 -0.01 0.00	57.04 0.78 0.00
N.BELMOR_69_KV_BK1 55787	42.32 0.73 0.00	47.22 1.00 0.00	38.31 0.80 0.00	34.90 0.84 0.00	35.26 0.73 0.00	34.85 0.83 0.00	39.30 1.01 0.00	44.42 0.90 0.00	57.45 1.13 0.00	61.82 1.63 -0.75	72.56 1.75 -17.96	57.97 1.53 -14.68	48.78 1.83 -8.15	47.34 1.88 -6.99	45.73 1.72 -2.62	57.09 2.01 -8.03	63.40 2.16 -11.02	64.37 2.23 -14.87	66.56 1.89 -22.80	76.07 2.30 -24.30	73.03 2.43 -22.40	84.78 2.54 -31.46	94.98 2.16 -37.47	66.66 1.88 -8.52
N.E_GEN_SANDY PD 24062	41.25 0.04 0.37	45.68 0.21 0.74	35.35 0.28 2.44	30.68 0.39 3.77	35.19 0.48 -0.19	34.55 0.53 0.00	38.78 0.49 0.00	43.90 0.39 0.00	56.75 0.43 0.00	59.60 0.16 0.00	53.01 0.16 0.00	41.99 0.23 0.00	39.27 0.47 0.00	39.06 0.59 0.00	41.80 0.41 0.00	47.60 0.55 0.00	50.90 0.68 0.00	48.04 0.77 0.00	43.04 0.83 -0.34	50.46 0.99 0.00	49.16 0.94 0.00	51.71 0.92 -0.02	56.07 0.46 -0.27	55.46 0.09 0.89
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	42.01 0.43 0.00	46.83 0.61 0.00	38.04 0.53 0.00	34.64 0.58 0.00	35.06 0.53 0.00	34.64 0.62 0.00	38.95 0.65 0.00	44.05 0.53 0.00	56.99 0.67 0.00	60.26 0.82 0.00	53.76 0.91 0.00	42.48 0.73 0.00	39.80 1.00 0.00	39.50 1.03 0.00	42.35 0.95 0.00	48.18 1.13 0.00	51.40 1.17 0.00	48.63 1.35 0.00	43.15 1.28 0.00	51.21 1.74 0.00	50.02 1.81 0.00	52.59 1.82 0.00	56.69 1.34 0.00	57.35 1.09 0.00
N.QUEENS_27_KV_LOAD 356247	42.23 0.64 -0.01	47.01 0.80 0.00	38.24 0.73 0.00	34.97 0.91 -0.01	35.26 0.73 0.00	34.93 0.90 -0.01	39.18 0.88 0.00	44.31 0.80 0.00	57.30 0.98 0.00	60.71 1.28 0.00	54.43 1.41 -0.17	42.88 1.12 0.00	40.21 1.41 0.00	39.93 1.46 0.00	42.78 1.39 0.00	48.64 1.59 0.00	51.91 1.67 -0.02	49.16 1.89 0.00	45.50 1.69 -1.94	51.73 2.13 -0.14	50.53 2.11 -0.20	53.09 2.12 -0.20	57.16 1.58 -0.23	57.55 1.29 0.00
N.TROY___115KV_TB1 355778	41.75 0.16 0.00	46.53 0.32 0.00	37.87 0.36 0.00	34.51 0.45 0.00	35.07 0.54 0.00	34.56 0.54 0.00	38.80 0.50 0.00	43.95 0.44 0.00	56.81 0.49 0.00	59.70 0.27 0.00	53.09 0.24 0.00	42.04 0.29 0.00	39.27 0.47 0.00	39.03 0.56 0.00	41.82 0.42 0.00	47.61 0.56 0.00	50.93 0.70 0.00	48.01 0.73 0.00	42.66 0.79 0.00	50.34 0.88 0.00	49.06 0.85 0.00	51.58 0.81 0.00	55.81 0.46 0.00	56.39 0.13 0.00
NARROWS_GT1_1 24228	57.94 1.12 -15.24	53.95 1.32 -6.42	53.28 1.14 -14.64	53.26 1.16 -18.04	53.27 1.11 -17.63	53.26 1.26 -17.98	53.34 1.33 -13.71	53.98 1.21 -9.25	58.82 1.49 -1.01	61.32 1.79 -0.10	57.48 1.83 -2.81	57.77 1.52 -14.49	56.49 1.77 -15.92	57.18 1.78 -16.93	56.33 1.72 -13.22	60.19 1.97 -11.17	63.96 2.08 -11.65	60.29 2.24 -10.78	57.33 2.01 -13.45	62.74 2.54 -10.73	64.94 2.53 -14.20	64.19 2.55 -10.87	62.17 2.06 -4.76	63.50 1.80 -5.44
NARROWS_GT1_2 24229	57.94 1.12 -15.24	53.95 1.32 -6.42	53.28 1.14 -14.64	53.26 1.16 -18.04	53.27 1.11 -17.63	53.26 1.26 -17.98	53.34 1.33 -13.71	53.98 1.21 -9.25	58.82 1.49 -1.01	61.32 1.79 -0.10	57.48 1.83 -2.81	57.77 1.52 -14.49	56.49 1.77 -15.92	57.18 1.78 -16.93	56.33 1.72 -13.22	60.19 1.97 -11.17	63.96 2.08 -11.65	60.29 2.24 -10.78	57.33 2.01 -13.45	62.74 2.54 -10.73	64.94 2.53 -14.20	64.19 2.55 -10.87	62.17 2.06 -4.76	63.50 1.80 -5.44
NARROWS_GT1_3 24230	57.94 1.12 -15.24	53.95 1.32 -6.42	53.28 1.14 -14.64	53.26 1.16 -18.04	53.27 1.11 -17.63	53.26 1.26 -17.98	53.34 1.33 -13.71	53.98 1.21 -9.25	58.82 1.49 -1.01	61.32 1.79 -0.10	57.48 1.83 -2.81	57.77 1.52 -14.49	56.49 1.77 -15.92	57.18 1.78 -16.93	56.33 1.72 -13.22	60.19 1.97 -11.17	63.96 2.08 -11.65	60.29 2.24 -10.78	57.33 2.01 -13.45	62.74 2.54 -10.73	64.94 2.53 -14.20	64.19 2.55 -10.87	62.17 2.06 -4.76	63.50 1.80 -5.44
NARROWS_GT1_4 24231	57.94 1.12 -15.24	53.95 1.32 -6.42	53.28 1.14 -14.64	53.26 1.16 -18.04	53.27 1.11 -17.63	53.26 1.26 -17.98	53.34 1.33 -13.71	53.98 1.21 -9.25	58.82 1.49 -1.01	61.32 1.79 -0.10	57.48 1.83 -2.81	57.77 1.52 -14.49	56.49 1.77 -15.92	57.18 1.78 -16.93	56.33 1.72 -13.22	60.19 1.97 -11.17	63.96 2.08 -11.65	60.29 2.24 -10.78	57.33 2.01 -13.45	62.74 2.54 -10.73	64.94 2.53 -14.20	64.19 2.55 -10.87	62.17 2.06 -4.76	63.50 1.80 -5.44

NARROWS_GT1_5 24232	57.94 1.12 -15.24	53.95 1.32 -6.42	53.28 1.14 -14.64	53.26 1.16 -18.04	53.27 1.11 -17.63	53.26 1.26 -17.98	53.34 1.33 -13.71	53.98 1.21 -9.25	58.82 1.49 -1.01	61.32 1.79 -0.10	57.48 1.83 -2.81	57.77 1.52 -14.49	56.49 1.77 -15.92	57.18 1.78 -16.93	56.33 1.72 -13.22	60.19 1.97 -11.17	63.96 2.08 -11.65	60.29 2.24 -10.78	57.33 2.01 -13.45	62.74 2.54 -10.73	64.94 2.53 -14.20	64.19 2.55 -10.87	62.17 2.06 -4.76	63.50 1.80 -5.44
NARROWS_GT1_6 24233	57.94 1.12 -15.24	53.95 1.32 -6.42	53.28 1.14 -14.64	53.26 1.16 -18.04	53.27 1.11 -17.63	53.26 1.26 -17.98	53.34 1.33 -13.71	53.98 1.21 -9.25	58.82 1.49 -1.01	61.32 1.79 -0.10	57.48 1.83 -2.81	57.77 1.52 -14.49	56.49 1.77 -15.92	57.18 1.78 -16.93	56.33 1.72 -13.22	60.19 1.97 -11.17	63.96 2.08 -11.65	60.29 2.24 -10.78	57.33 2.01 -13.45	62.74 2.54 -10.73	64.94 2.53 -14.20	64.19 2.55 -10.87	62.17 2.06 -4.76	63.50 1.80 -5.44
NARROWS_GT1_7 24234	57.94 1.12 -15.24	53.95 1.32 -6.42	53.28 1.14 -14.64	53.26 1.16 -18.04	53.27 1.11 -17.63	53.26 1.26 -17.98	53.34 1.33 -13.71	53.98 1.21 -9.25	58.82 1.49 -1.01	61.32 1.79 -0.10	57.48 1.83 -2.81	57.77 1.52 -14.49	56.49 1.77 -15.92	57.18 1.78 -16.93	56.33 1.72 -13.22	60.19 1.97 -11.17	63.96 2.08 -11.65	60.29 2.24 -10.78	57.33 2.01 -13.45	62.74 2.54 -10.73	64.94 2.53 -14.20	64.19 2.55 -10.87	62.17 2.06 -4.76	63.50 1.80 -5.44
NARROWS_GT1_8 24235	57.94 1.12 -15.24	53.95 1.32 -6.42	53.28 1.14 -14.64	53.26 1.16 -18.04	53.27 1.11 -17.63	53.26 1.26 -17.98	53.34 1.33 -13.71	53.98 1.21 -9.25	58.82 1.49 -1.01	61.32 1.79 -0.10	57.48 1.83 -2.81	57.77 1.52 -14.49	56.49 1.77 -15.92	57.18 1.78 -16.93	56.33 1.72 -13.22	60.19 1.97 -11.17	63.96 2.08 -11.65	60.29 2.24 -10.78	57.33 2.01 -13.45	62.74 2.54 -10.73	64.94 2.53 -14.20	64.19 2.55 -10.87	62.17 2.06 -4.76	63.50 1.80 -5.44
NARROWS_GT2_1 24236	57.94 1.12 -15.24	53.95 1.32 -6.42	53.28 1.14 -14.64	53.26 1.16 -18.04	53.27 1.11 -17.63	53.26 1.26 -17.98	53.34 1.33 -13.71	53.98 1.21 -9.25	58.82 1.49 -1.01	61.32 1.79 -0.10	57.48 1.83 -2.81	57.77 1.52 -14.49	56.49 1.77 -15.92	57.18 1.78 -16.93	56.33 1.72 -13.22	60.19 1.97 -11.17	63.96 2.08 -11.65	60.29 2.24 -10.78	57.33 2.01 -13.45	62.74 2.54 -10.73	64.94 2.53 -14.20	64.19 2.55 -10.87	62.17 2.06 -4.76	63.50 1.80 -5.44
NARROWS_GT2_2 24237	57.94 1.12 -15.24	53.95 1.32 -6.42	53.28 1.14 -14.64	53.26 1.16 -18.04	53.27 1.11 -17.63	53.26 1.26 -17.98	53.34 1.33 -13.71	53.98 1.21 -9.25	58.82 1.49 -1.01	61.32 1.79 -0.10	57.48 1.83 -2.81	57.77 1.52 -14.49	56.49 1.77 -15.92	57.18 1.78 -16.93	56.33 1.72 -13.22	60.19 1.97 -11.17	63.96 2.08 -11.65	60.29 2.24 -10.78	57.33 2.01 -13.45	62.74 2.54 -10.73	64.94 2.53 -14.20	64.19 2.55 -10.87	62.17 2.06 -4.76	63.50 1.80 -5.44
NARROWS_GT2_3 24238	57.94 1.12 -15.24	53.95 1.32 -6.42	53.28 1.14 -14.64	53.26 1.16 -18.04	53.27 1.11 -17.63	53.26 1.26 -17.98	53.34 1.33 -13.71	53.98 1.21 -9.25	58.82 1.49 -1.01	61.32 1.79 -0.10	57.48 1.83 -2.81	57.77 1.52 -14.49	56.49 1.77 -15.92	57.18 1.78 -16.93	56.33 1.72 -13.22	60.19 1.97 -11.17	63.96 2.08 -11.65	60.29 2.24 -10.78	57.33 2.01 -13.45	62.74 2.54 -10.73	64.94 2.53 -14.20	64.19 2.55 -10.87	62.17 2.06 -4.76	63.50 1.80 -5.44
NARROWS_GT2_4 24239	57.94 1.12 -15.24	53.95 1.32 -6.42	53.28 1.14 -14.64	53.26 1.16 -18.04	53.27 1.11 -17.63	53.26 1.26 -17.98	53.34 1.33 -13.71	53.98 1.21 -9.25	58.82 1.49 -1.01	61.32 1.79 -0.10	57.48 1.83 -2.81	57.77 1.52 -14.49	56.49 1.77 -15.92	57.18 1.78 -16.93	56.33 1.72 -13.22	60.19 1.97 -11.17	63.96 2.08 -11.65	60.29 2.24 -10.78	57.33 2.01 -13.45	62.74 2.54 -10.73	64.94 2.53 -14.20	64.19 2.55 -10.87	62.17 2.06 -4.76	63.50 1.80 -5.44
NARROWS_GT2_5 24240	57.94 1.12 -15.24	53.95 1.32 -6.42	53.28 1.14 -14.64	53.26 1.16 -18.04	53.27 1.11 -17.63	53.26 1.26 -17.98	53.34 1.33 -13.71	53.98 1.21 -9.25	58.82 1.49 -1.01	61.32 1.79 -0.10	57.48 1.83 -2.81	57.77 1.52 -14.49	56.49 1.77 -15.92	57.18 1.78 -16.93	56.33 1.72 -13.22	60.19 1.97 -11.17	63.96 2.08 -11.65	60.29 2.24 -10.78	57.33 2.01 -13.45	62.74 2.54 -10.73	64.94 2.53 -14.20	64.19 2.55 -10.87	62.17 2.06 -4.76	63.50 1.80 -5.44
NARROWS_GT2_6 24241	57.94 1.12 -15.24	53.95 1.32 -6.42	53.28 1.14 -14.64	53.26 1.16 -18.04	53.27 1.11 -17.63	53.26 1.26 -17.98	53.34 1.33 -13.71	53.98 1.21 -9.25	58.82 1.49 -1.01	61.32 1.79 -0.10	57.48 1.83 -2.81	57.77 1.52 -14.49	56.49 1.77 -15.92	57.18 1.78 -16.93	56.33 1.72 -13.22	60.19 1.97 -11.17	63.96 2.08 -11.65	60.29 2.24 -10.78	57.33 2.01 -13.45	62.74 2.54 -10.73	64.94 2.53 -14.20	64.19 2.55 -10.87	62.17 2.06 -4.76	63.50 1.80 -5.44
NARROWS_GT2_7 24242	57.94 1.12 -15.24	53.95 1.32 -6.42	53.28 1.14 -14.64	53.26 1.16 -18.04	53.27 1.11 -17.63	53.26 1.26 -17.98	53.34 1.33 -13.71	53.98 1.21 -9.25	58.82 1.49 -1.01	61.32 1.79 -0.10	57.48 1.83 -2.81	57.77 1.52 -14.49	56.49 1.77 -15.92	57.18 1.78 -16.93	56.33 1.72 -13.22	60.19 1.97 -11.17	63.96 2.08 -11.65	60.29 2.24 -10.78	57.33 2.01 -13.45	62.74 2.54 -10.73	64.94 2.53 -14.20	64.19 2.55 -10.87	62.17 2.06 -4.76	63.50 1.80 -5.44
NARROWS_GT2_8 24243	57.94 1.12 -15.24	53.95 1.32 -6.42	53.28 1.14 -14.64	53.26 1.16 -18.04	53.27 1.11 -17.63	53.26 1.26 -17.98	53.34 1.33 -13.71	53.98 1.21 -9.25	58.82 1.49 -1.01	61.32 1.79 -0.10	57.48 1.83 -2.81	57.77 1.52 -14.49	56.49 1.77 -15.92	57.18 1.78 -16.93	56.33 1.72 -13.22	60.19 1.97 -11.17	63.96 2.08 -11.65	60.29 2.24 -10.78	57.33 2.01 -13.45	62.74 2.54 -10.73	64.94 2.53 -14.20	64.19 2.55 -10.87	62.17 2.06 -4.76	63.50 1.80 -5.44
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	42.25 0.67 0.00	47.02 0.81 0.00	38.29 0.79 0.00	34.89 0.82 0.00	35.45 0.92 0.00	34.91 0.89 0.00	39.10 0.80 0.00	44.38 0.86 0.00	57.54 1.22 0.00	60.66 1.23 0.00	53.89 1.05 0.00	42.60 0.85 0.00	39.79 0.99 0.00	39.50 1.03 0.00	42.27 0.87 0.00	48.24 1.19 0.00	51.67 1.45 0.00	48.67 1.39 0.00	43.25 1.38 0.00	51.09 1.62 0.00	49.72 1.51 0.00	52.23 1.46 0.00	56.47 1.12 0.00	57.04 0.78 0.00
NCHELSEA_115KV_TR2 355582	42.35 0.77 0.00	47.17 0.96 0.00	38.33 0.83 0.00	34.90 0.84 0.00	35.35 0.82 0.00	34.91 0.90 0.00	39.28 0.98 0.00	44.48 0.96 0.00	57.59 1.27 0.00	60.88 1.45 0.00	54.31 1.46 0.00	42.95 1.19 0.00	40.20 1.40 0.00	39.89 1.43 0.00	42.77 1.38 0.00	48.68 1.63 0.00	51.99 1.76 0.00	49.18 1.90 0.00	43.62 1.76 0.00	51.74 2.27 0.00	50.45 2.24 0.00	53.01 2.24 0.00	57.16 1.81 0.00	57.77 1.51 0.00
NEG CAPITAL___MECHNVIL 23645	42.54 0.96 0.00	47.40 1.18 0.00	38.53 1.03 0.00	35.06 1.00 0.00	35.63 1.10 0.00	35.13 1.11 0.00	39.51 1.21 0.00	44.80 1.29 0.00	57.98 1.66 0.00	61.02 1.59 0.00	54.30 1.45 0.00	42.98 1.22 0.00	40.10 1.31 0.00	39.84 1.37 0.00	42.74 1.35 0.00	48.67 1.62 0.00	52.05 1.83 0.00	49.09 1.82 0.00	43.61 1.74 0.00	51.46 2.00 0.00	50.12 1.91 0.00	52.67 1.90 0.00	56.99 1.65 0.00	57.60 1.34 0.00

NEG CENTRAL_HIGH_ACRES 23767	40.61 -0.97 0.00	44.85 -1.36 0.00	36.16 -1.35 0.00	32.53 -1.53 0.00	33.06 -1.47 0.00	32.84 -1.18 0.00	37.11 -1.19 0.00	42.52 -0.99 0.00	55.36 -0.96 0.00	58.67 -0.77 0.00	52.02 -0.83 0.00	40.87 -0.88 0.00	37.63 -1.17 0.00	37.30 -1.17 0.00	40.53 -0.87 0.00	45.84 -1.21 0.00	48.91 -1.32 0.00	46.19 -1.08 0.00	40.70 -1.17 0.00	47.99 -1.48 0.00	46.75 -1.47 0.00	49.40 -1.37 0.00	54.32 -1.02 0.00	55.53 -0.73 0.00
NEG CENTRAL___DRP 24199	41.51 -0.07 0.00	45.96 -0.25 0.00	37.10 -0.41 0.00	33.50 -0.57 0.00	33.99 -0.54 0.00	33.63 -0.38 0.00	37.98 -0.31 0.00	43.33 -0.18 0.00	56.14 -0.18 0.00	59.39 -0.05 0.00	52.80 -0.04 0.00	41.61 -0.15 0.00	38.56 -0.24 0.00	38.14 -0.33 0.00	41.24 -0.16 0.00	46.80 -0.24 0.00	50.03 -0.20 0.00	47.39 0.12 0.00	41.96 0.08 0.00	49.67 0.19 0.00	48.42 0.20 0.00	50.93 0.16 0.00	55.60 0.26 0.00	56.74 0.48 0.00
NEG CENTRAL___INDECK 23768	41.99 0.41 0.00	46.21 -0.01 0.00	36.99 -0.51 0.00	33.15 -0.92 0.00	33.65 -0.88 0.00	33.39 -0.62 0.00	37.72 -0.57 0.00	43.28 -0.23 0.00	56.39 0.07 0.00	59.85 0.42 0.00	52.64 -0.20 0.00	40.92 -0.84 0.00	37.93 -0.87 0.00	37.51 -0.96 0.00	40.54 -0.85 0.00	45.96 -1.09 0.00	49.56 -0.67 0.00	47.28 0.01 0.00	41.82 -0.05 0.00	49.55 0.08 0.00	48.37 0.15 0.00	51.19 0.42 0.00	56.64 1.30 0.00	58.13 1.87 0.00
NEG CENTRAL___SENECA 23627	41.52 -0.06 0.00	45.93 -0.29 0.00	37.02 -0.48 0.00	33.36 -0.70 0.00	33.86 -0.67 0.00	33.53 -0.49 0.00	37.88 -0.42 0.00	43.24 -0.27 0.00	56.07 -0.25 0.00	59.27 -0.16 0.00	52.63 -0.22 0.00	41.50 -0.26 0.00	38.41 -0.39 0.00	37.94 -0.53 0.00	41.07 -0.32 0.00	46.61 -0.44 0.00	49.80 -0.42 0.00	47.32 0.05 0.00	41.86 -0.01 0.00	49.53 0.06 0.00	48.29 0.08 0.00	50.87 0.10 0.00	55.64 0.30 0.00	56.85 0.58 0.00
NEG CENTRAL___STATE_STREET 24147	41.83 0.25 0.00	46.41 0.20 0.00	37.50 -0.01 0.00	33.91 -0.15 0.00	34.44 -0.09 0.00	34.07 0.05 0.00	38.45 0.15 0.00	43.82 0.30 0.00	56.56 0.24 0.00	59.77 0.34 0.00	53.33 0.48 0.00	41.92 0.17 0.00	38.90 0.10 0.00	38.62 0.15 0.00	41.64 0.25 0.00	47.23 0.18 0.00	50.60 0.38 0.00	47.73 0.46 0.00	42.31 0.44 0.00	50.20 0.73 0.00	48.94 0.73 0.00	51.29 0.52 0.00	55.75 0.41 0.00	56.85 0.59 0.00
NEG MILLWOOD___DRP 24198	42.41 0.83 0.00	47.24 1.03 0.00	38.40 0.89 0.00	34.95 0.89 0.00	35.41 0.87 0.00	34.98 0.96 0.00	39.35 1.06 0.00	44.56 1.05 0.00	57.71 1.39 0.00	61.04 1.61 0.00	54.44 1.59 0.00	43.07 1.31 0.00	40.32 1.52 0.00	40.02 1.54 0.00	42.88 1.49 0.00	48.81 1.77 0.00	52.12 1.90 0.00	49.32 2.05 0.00	43.77 1.90 0.00	51.89 2.42 0.00	50.60 2.39 0.00	53.16 2.39 0.00	57.30 1.96 0.00	57.91 1.65 0.00
NEG NORTH_FLCN_SEA 23793	43.40 1.82 0.00	48.27 2.06 0.00	38.77 1.27 0.00	35.20 1.14 0.00	35.84 1.31 0.00	34.95 0.93 0.00	39.47 1.17 0.00	44.76 1.24 0.00	58.10 1.78 0.00	60.98 1.54 0.00	54.11 1.27 0.00	42.89 1.13 0.00	39.51 0.71 0.00	38.79 0.32 0.00	41.65 0.25 0.00	47.37 0.32 0.00	50.14 -0.08 0.00	12.05 -1.01 34.22	41.27 -0.60 0.00	48.95 -0.53 0.00	47.23 -0.99 0.00	49.88 -0.90 0.00	55.56 0.22 0.00	57.00 0.73 0.00
NEG NORTH_KES_CHATEGAY 23792	42.93 1.35 0.00	47.71 1.49 0.00	38.33 0.82 0.00	34.80 0.74 0.00	35.41 0.88 0.00	34.48 0.47 0.00	39.00 0.71 0.00	44.33 0.81 0.00	57.57 1.25 0.00	60.48 1.05 0.00	53.67 0.83 0.00	42.53 0.77 0.00	39.12 0.32 0.00	38.34 -0.13 0.00	41.24 -0.15 0.00	46.84 -0.21 0.00	49.50 -0.72 0.00	8.49 -1.53 37.26	40.72 -1.14 0.00	48.37 -1.10 0.00	46.59 -1.63 0.00	49.19 -1.59 0.00	55.00 -0.35 0.00	56.41 0.15 0.00
NEG NORTH___ALICE_FALLS 23915	43.62 2.05 0.00	48.51 2.30 0.00	38.96 1.46 0.00	35.38 1.32 0.00	36.01 1.48 0.00	35.13 1.12 0.00	39.70 1.40 0.00	45.05 1.53 0.00	58.50 2.18 0.00	61.39 1.96 0.00	54.51 1.67 0.00	43.21 1.45 0.00	39.80 1.00 0.00	39.07 0.60 0.00	42.00 0.60 0.00	47.69 0.64 0.00	50.51 0.28 0.00	12.41 -0.64 34.22	41.60 -0.27 0.00	49.33 -0.14 0.00	47.60 -0.61 0.00	50.24 -0.53 0.00	55.94 0.60 0.00	57.34 1.09 0.00
NEG NORTH___LWR_SARANAC 23913	43.62 2.05 0.00	48.51 2.30 0.00	38.96 1.46 0.00	35.38 1.32 0.00	36.01 1.48 0.00	35.13 1.12 0.00	39.70 1.40 0.00	45.05 1.53 0.00	58.50 2.18 0.00	61.39 1.96 0.00	54.51 1.67 0.00	43.21 1.45 0.00	39.80 1.00 0.00	39.07 0.60 0.00	42.00 0.60 0.00	47.69 0.64 0.00	50.51 0.28 0.00	12.41 -0.64 34.22	41.60 -0.27 0.00	49.33 -0.14 0.00	47.60 -0.61 0.00	50.24 -0.53 0.00	55.94 0.60 0.00	57.34 1.09 0.00
NEG NORTH___PLATTSBURG 23628	43.62 2.04 0.00	48.51 2.30 0.00	38.96 1.46 0.00	35.38 1.32 0.00	36.01 1.48 0.00	35.13 1.12 0.00	39.70 1.40 0.00	45.05 1.53 0.00	58.50 2.18 0.00	61.39 1.96 0.00	54.51 1.67 0.00	43.21 1.45 0.00	39.80 1.00 0.00	39.07 0.60 0.00	42.00 0.60 0.00	47.69 0.64 0.00	50.51 0.28 0.00	12.42 -0.63 34.22	41.60 -0.27 0.00	49.33 -0.14 0.00	47.61 -0.61 0.00	50.24 -0.53 0.00	55.94 0.60 0.00	57.34 1.09 0.00
NEG WEST_LEA_LOCKPORT 23791	40.64 -0.94 0.00	44.63 -1.59 0.00	35.76 -1.74 0.00	31.84 -2.22 0.00	32.44 -2.09 0.00	32.45 -1.57 0.00	36.53 -1.76 0.00	41.96 -1.55 0.00	54.73 -1.59 0.00	58.15 -1.29 0.00	51.40 -1.45 0.00	40.53 -1.22 0.00	37.03 -1.77 0.00	36.72 -1.74 0.00	40.15 -1.24 0.00	45.26 -1.79 0.00	48.09 -2.14 0.00	45.51 -1.76 0.00	39.85 -2.02 0.00	46.82 -2.65 0.00	45.64 -2.58 0.00	48.47 -2.30 0.00	54.33 -1.02 0.00	56.15 -0.11 0.00
NEG WEST___LANCASTR 23811	40.96 -0.62 0.00	45.13 -1.08 0.00	36.19 -1.31 0.00	32.33 -1.74 0.00	32.88 -1.65 0.00	32.81 -1.20 0.00	37.07 -1.22 0.00	42.60 -0.92 0.00	55.47 -0.85 0.00	58.85 -0.59 0.00	52.08 -0.77 0.00	41.03 -0.73 0.00	37.64 -1.16 0.00	37.36 -1.11 0.00	40.74 -0.65 0.00	45.89 -1.16 0.00	48.82 -1.41 0.00	46.34 -0.93 0.00	40.72 -1.15 0.00	47.99 -1.48 0.00	46.79 -1.42 0.00	49.54 -1.23 0.00	55.05 -0.29 0.00	56.67 0.41 0.00
NEG_PENN_ALLEGHNY 23528	41.45 -0.13 0.00	46.00 -0.22 0.00	37.19 -0.31 0.00	33.64 -0.42 0.00	34.10 -0.43 0.00	33.68 -0.34 0.00	37.99 -0.30 0.00	43.22 -0.30 0.00	56.00 -0.32 0.00	59.22 -0.22 0.00	52.59 -0.25 0.00	41.47 -0.28 0.00	38.55 -0.24 0.00	38.19 -0.27 0.00	41.26 -0.13 0.00	46.86 -0.18 0.00	50.00 -0.22 0.00	47.35 0.08 0.00	41.94 0.07 0.00	49.72 0.25 0.00	48.44 0.23 0.00	50.96 0.19 0.00	55.49 0.15 0.00	56.56 0.30 0.00
NEG___GEN_MONROE 24207	41.52 -0.06 0.00	45.77 -0.44 0.00	36.81 -0.69 0.00	33.01 -1.05 0.00	33.57 -0.96 0.00	33.44 -0.58 0.00	37.78 -0.51 0.00	43.39 -0.12 0.00	56.55 0.23 0.00	60.01 0.58 0.00	53.08 0.23 0.00	41.70 -0.05 0.00	38.24 -0.56 0.00	37.93 -0.55 0.00	41.28 -0.11 0.00	46.68 -0.37 0.00	49.78 -0.44 0.00	47.11 -0.16 0.00	41.51 -0.36 0.00	48.91 -0.56 0.00	47.64 -0.57 0.00	50.29 -0.48 0.00	55.61 0.26 0.00	56.99 0.72 0.00

NEPA___ENERGY 23901	40.82 -0.77 0.00	45.20 -1.02 0.00	36.34 -1.17 0.00	32.33 -1.73 0.00	32.86 -1.67 0.00	32.66 -1.36 0.00	36.91 -1.39 0.00	42.18 -1.33 0.00	54.76 -1.56 0.00	58.08 -1.35 0.00	51.47 -1.37 0.00	40.36 -1.39 0.00	37.37 -1.43 0.00	37.06 -1.41 0.00	40.59 -0.80 0.00	45.99 -1.06 0.00	48.62 -1.60 0.00	46.45 -0.82 0.00	40.81 -1.06 0.00	48.54 -0.93 0.00	47.45 -0.76 0.00	50.41 -0.36 0.00	55.50 0.16 0.00	57.23 0.97 0.00
NEVERSink___HYD 23608	42.64 1.06 0.00	47.46 1.24 0.00	38.54 1.04 0.00	35.08 1.01 0.00	35.53 1.00 0.00	35.09 1.07 0.00	39.51 1.22 0.00	44.79 1.28 0.00	58.06 1.74 0.00	61.44 2.00 0.00	54.82 1.98 0.00	43.33 1.57 0.00	40.53 1.73 0.00	40.19 1.72 0.00	43.15 1.76 0.00	49.12 2.07 0.00	52.43 2.21 0.00	49.55 2.28 0.00	43.97 2.10 0.00	52.14 2.67 0.00	50.83 2.62 0.00	53.43 2.66 0.00	57.69 2.34 0.00	58.33 2.07 0.00
NEWKRMKL_115KV_TB1 55635	41.43 -0.15 0.00	46.14 -0.08 0.00	37.59 0.08 0.00	34.25 0.18 0.00	34.79 0.26 0.00	34.25 0.23 0.00	38.25 -0.05 0.00	43.28 -0.24 0.00	55.97 -0.35 0.00	58.92 -0.51 0.00	52.43 -0.42 0.00	41.52 -0.23 0.00	38.79 0.00 0.00	38.55 0.08 0.00	41.29 -0.11 0.00	46.99 -0.06 0.00	50.26 0.03 0.00	47.36 0.09 0.00	42.04 0.17 0.00	49.68 0.21 0.00	48.42 0.20 0.00	50.89 0.12 0.00	55.08 -0.26 0.00	55.67 -0.59 0.00
NEWTON___FALLS_HYD 23847	41.41 -0.17 0.00	45.83 -0.38 0.00	37.04 -0.47 0.00	33.62 -0.44 0.00	33.94 -0.59 0.00	32.99 -1.03 0.00	37.23 -1.07 0.00	42.41 -1.10 0.00	54.84 -1.48 0.00	57.96 -1.48 0.00	51.32 -1.53 0.00	40.61 -1.15 0.00	37.39 -1.40 0.00	36.61 -1.86 0.00	39.26 -2.13 0.00	44.94 -2.11 0.00	48.22 -2.01 0.00	49.11 -2.02 -3.86	40.07 -1.80 0.00	47.30 -2.17 0.00	46.42 -1.80 0.00	49.12 -1.65 0.00	53.77 -1.57 0.00	54.96 -1.30 0.00
NGRID_A1_DSASP 323792	40.35 -1.23 0.00	44.28 -1.93 0.00	35.47 -2.03 0.00	31.57 -2.49 0.00	32.14 -2.39 0.00	32.17 -1.85 0.00	36.32 -1.98 0.00	41.89 -1.62 0.00	54.72 -1.60 0.00	58.12 -1.32 0.00	51.43 -1.42 0.00	40.53 -1.22 0.00	37.09 -1.71 0.00	36.81 -1.65 0.00	40.21 -1.18 0.00	45.23 -1.82 0.00	47.98 -2.24 0.00	45.33 -1.95 0.00	39.68 -2.19 0.00	46.60 -2.87 0.00	45.41 -2.81 0.00	48.18 -2.59 0.00	53.98 -1.36 0.00	55.73 -0.53 0.00
NGRID_A2_DSASP 323793	40.35 -1.23 0.00	44.28 -1.93 0.00	35.47 -2.03 0.00	31.57 -2.49 0.00	32.14 -2.39 0.00	32.17 -1.85 0.00	36.32 -1.98 0.00	41.89 -1.62 0.00	54.72 -1.60 0.00	58.12 -1.32 0.00	51.43 -1.42 0.00	40.53 -1.22 0.00	37.09 -1.71 0.00	36.81 -1.65 0.00	40.21 -1.18 0.00	45.23 -1.82 0.00	47.98 -2.24 0.00	45.33 -1.95 0.00	39.68 -2.19 0.00	46.60 -2.87 0.00	45.41 -2.81 0.00	48.18 -2.59 0.00	53.98 -1.36 0.00	55.73 -0.53 0.00
NGRID_A4_DSASP 323807	40.35 -1.23 0.00	44.28 -1.93 0.00	35.47 -2.03 0.00	31.57 -2.49 0.00	32.14 -2.39 0.00	32.17 -1.85 0.00	36.32 -1.98 0.00	41.89 -1.62 0.00	54.72 -1.60 0.00	58.12 -1.32 0.00	51.43 -1.42 0.00	40.53 -1.22 0.00	37.09 -1.71 0.00	36.81 -1.65 0.00	40.21 -1.18 0.00	45.23 -1.82 0.00	47.98 -2.24 0.00	45.33 -1.95 0.00	39.68 -2.19 0.00	46.60 -2.87 0.00	45.41 -2.81 0.00	48.18 -2.59 0.00	53.98 -1.36 0.00	55.73 -0.53 0.00
NIAGARA_115E_LBMP 323715	40.29 -1.29 0.00	44.26 -1.96 0.00	35.45 -2.06 0.00	31.58 -2.48 0.00	32.20 -2.33 0.00	32.22 -1.80 0.00	36.21 -2.09 0.00	41.50 -2.02 0.00	54.15 -2.17 0.00	57.52 -1.91 0.00	50.83 -2.01 0.00	40.08 -1.67 0.00	36.65 -2.15 0.00	36.35 -2.12 0.00	39.72 -1.68 0.00	44.80 -2.25 0.00	47.47 -2.76 0.00	44.88 -2.39 0.00	39.28 -2.59 0.00	46.11 -3.35 0.00	44.92 -3.30 0.00	47.77 -3.00 0.00	53.63 -1.72 0.00	55.55 -0.71 0.00
NIAGARA_115W_LBMP 323714	40.27 -1.31 0.00	44.19 -2.02 0.00	35.40 -2.10 0.00	31.51 -2.56 0.00	32.08 -2.46 0.00	32.10 -1.91 0.00	36.25 -2.04 0.00	41.81 -1.70 0.00	54.60 -1.72 0.00	58.00 -1.44 0.00	51.33 -1.52 0.00	40.45 -1.31 0.00	37.01 -1.79 0.00	36.73 -1.73 0.00	40.11 -1.28 0.00	45.13 -1.92 0.00	47.88 -2.34 0.00	45.23 -2.05 0.00	39.58 -2.28 0.00	46.50 -2.98 0.00	45.31 -2.90 0.00	48.07 -2.70 0.00	53.87 -1.47 0.00	55.61 -0.65 0.00
NIAGARA_230_LBMP 323716	40.38 -1.20 0.00	44.36 -1.86 0.00	35.55 -1.95 0.00	31.67 -2.39 0.00	32.25 -2.29 0.00	32.25 -1.76 0.00	36.40 -1.89 0.00	41.92 -1.59 0.00	54.73 -1.59 0.00	58.12 -1.32 0.00	51.44 -1.41 0.00	40.53 -1.22 0.00	37.10 -1.70 0.00	36.81 -1.65 0.00	40.21 -1.18 0.00	45.23 -1.82 0.00	48.01 -2.21 0.00	45.38 -1.89 0.00	39.74 -2.13 0.00	46.70 -2.77 0.00	45.51 -2.70 0.00	48.28 -2.49 0.00	54.04 -1.30 0.00	55.78 -0.48 0.00
NIAGARA___115KV_198_GIBSON 55903	40.26 -1.32 0.00	44.20 -2.02 0.00	35.40 -2.10 0.00	31.51 -2.56 0.00	32.08 -2.46 0.00	32.11 -1.91 0.00	36.25 -2.05 0.00	41.82 -1.69 0.00	54.60 -1.72 0.00	57.99 -1.44 0.00	51.32 -1.53 0.00	40.46 -1.29 0.00	37.01 -1.79 0.00	36.73 -1.74 0.00	40.12 -1.27 0.00	45.13 -1.92 0.00	47.88 -2.34 0.00	45.24 -2.03 0.00	39.61 -2.26 0.00	46.51 -2.96 0.00	45.31 -2.90 0.00	48.07 -2.70 0.00	53.88 -1.47 0.00	55.61 -0.65 0.00
NIAGARA___ 23760	40.38 -1.20 0.00	44.36 -1.86 0.00	35.55 -1.95 0.00	31.67 -2.39 0.00	32.25 -2.29 0.00	32.25 -1.76 0.00	36.40 -1.89 0.00	41.92 -1.59 0.00	54.73 -1.59 0.00	58.12 -1.32 0.00	51.44 -1.41 0.00	40.53 -1.22 0.00	37.10 -1.70 0.00	36.81 -1.65 0.00	40.21 -1.18 0.00	45.23 -1.82 0.00	48.01 -2.21 0.00	45.38 -1.89 0.00	39.74 -2.13 0.00	46.70 -2.77 0.00	45.51 -2.70 0.00	48.28 -2.49 0.00	54.04 -1.30 0.00	55.78 -0.48 0.00
NINE_MILE_1 23575	40.73 -0.85 0.00	45.19 -1.03 0.00	36.62 -0.89 0.00	33.19 -0.88 0.00	33.66 -0.87 0.00	33.21 -0.80 0.00	37.42 -0.88 0.00	42.58 -0.93 0.00	55.18 -1.14 0.00	58.32 -1.11 0.00	51.83 -1.02 0.00	40.91 -0.85 0.00	37.96 -0.85 0.00	37.63 -0.84 0.00	40.56 -0.83 0.00	46.06 -0.98 0.00	49.13 -1.09 0.00	46.36 -0.91 0.00	41.04 -0.83 0.00	48.49 -0.98 0.00	47.26 -0.96 0.00	49.72 -1.05 0.00	54.24 -1.10 0.00	55.19 -1.07 0.00
NINE_MILE_2 23744	40.72 -0.86 0.00	45.18 -1.03 0.00	36.61 -0.89 0.00	33.19 -0.88 0.00	33.66 -0.87 0.00	33.21 -0.80 0.00	37.41 -0.88 0.00	42.58 -0.93 0.00	55.17 -1.15 0.00	58.32 -1.12 0.00	51.82 -1.03 0.00	40.90 -0.86 0.00	37.95 -0.85 0.00	37.63 -0.84 0.00	40.56 -0.83 0.00	46.06 -0.98 0.00	49.13 -1.09 0.00	46.36 -0.91 0.00	41.03 -0.84 0.00	48.49 -0.98 0.00	47.26 -0.96 0.00	49.72 -1.05 0.00	54.24 -1.10 0.00	55.19 -1.07 0.00
NM_CAPITAL___DRP 24208	41.40 -0.18 0.00	46.12 -0.10 0.00	37.58 0.07 0.00	34.25 0.19 0.00	34.80 0.27 0.00	34.27 0.25 0.00	38.30 0.01 0.00	43.34 -0.17 0.00	56.03 -0.29 0.00	58.95 -0.48 0.00	52.44 -0.41 0.00	41.55 -0.21 0.00	38.83 0.03 0.00	38.58 0.10 0.00	41.30 -0.09 0.00	47.01 -0.04 0.00	50.28 0.05 0.00	47.38 0.10 0.00	42.07 0.20 0.00	49.70 0.22 0.00	48.44 0.22 0.00	50.93 0.16 0.00	55.09 -0.25 0.00	55.68 -0.58 0.00

NM_CENTRAL___DRP 24181	41.32 -0.26 0.00	45.82 -0.39 0.00	37.11 -0.40 0.00	33.61 -0.45 0.00	34.10 -0.43 0.00	33.67 -0.35 0.00	37.95 -0.35 0.00	43.23 -0.29 0.00	56.05 -0.27 0.00	59.28 -0.15 0.00	52.71 -0.14 0.00	41.57 -0.19 0.00	38.55 -0.25 0.00	38.23 -0.24 0.00	41.22 -0.18 0.00	46.84 -0.21 0.00	50.06 -0.16 0.00	47.20 -0.07 0.00	41.76 -0.11 0.00	49.38 -0.09 0.00	48.12 -0.10 0.00	50.63 -0.14 0.00	55.18 -0.16 0.00	56.13 -0.13 0.00
NM_FRONTIER___DRP 24179	40.26 -1.32 0.00	44.20 -2.02 0.00	35.40 -2.10 0.00	31.51 -2.56 0.00	32.08 -2.46 0.00	32.11 -1.91 0.00	36.25 -2.05 0.00	41.82 -1.69 0.00	54.60 -1.72 0.00	57.99 -1.44 0.00	51.32 -1.53 0.00	40.46 -1.29 0.00	37.01 -1.79 0.00	36.73 -1.74 0.00	40.12 -1.27 0.00	45.13 -1.92 0.00	47.88 -2.34 0.00	45.24 -2.03 0.00	39.61 -2.26 0.00	46.51 -2.96 0.00	45.31 -2.90 0.00	48.07 -2.70 0.00	53.88 -1.47 0.00	55.61 -0.65 0.00
NM_ST_REGIS___HYD 24053	42.16 0.58 0.00	46.81 0.59 0.00	37.84 0.34 0.00	34.37 0.31 0.00	34.81 0.28 0.00	34.07 0.05 0.00	38.53 0.23 0.00	43.88 0.37 0.00	56.77 0.45 0.00	59.56 0.13 0.00	52.87 0.02 0.00	41.83 0.07 0.00	38.53 -0.27 0.00	37.91 -0.56 0.00	40.68 -0.71 0.00	46.29 -0.76 0.00	49.37 -0.85 0.00	55.49 -1.28 -9.49	40.77 -1.10 0.00	48.13 -1.34 0.00	46.90 -1.31 0.00	49.56 -1.21 0.00	54.84 -0.50 0.00	56.12 -0.14 0.00
NORTHPORT___1 23551	41.68 0.10 0.00	46.65 0.43 0.00	37.86 0.35 0.00	34.52 0.46 0.00	34.84 0.30 0.00	34.41 0.39 0.00	38.87 0.57 0.00	43.89 0.38 0.00	56.68 0.36 0.00	60.37 0.84 -0.10	56.12 1.09 -2.18	42.25 1.01 0.51	41.22 1.36 -1.06	40.79 1.41 -0.91	41.49 1.03 0.94	45.21 1.25 3.09	47.60 1.35 3.98	49.80 1.46 -1.07	42.08 1.16 0.95	53.95 1.37 -3.11	53.57 1.69 -3.67	56.90 1.85 -4.29	61.59 1.49 -4.76	58.56 1.19 -1.12
NORTHPORT___2 23552	41.68 0.10 0.00	46.65 0.43 0.00	37.86 0.35 0.00	34.52 0.46 0.00	34.84 0.30 0.00	34.41 0.39 0.00	38.87 0.57 0.00	43.89 0.38 0.00	56.68 0.36 0.00	60.37 0.84 -0.10	56.12 1.09 -2.18	42.25 1.01 0.51	41.22 1.36 -1.06	40.79 1.41 -0.91	41.49 1.03 0.94	45.21 1.25 3.09	47.60 1.35 3.98	49.80 1.46 -1.07	42.08 1.16 0.95	53.95 1.37 -3.11	53.57 1.69 -3.67	56.90 1.85 -4.29	61.59 1.49 -4.76	58.56 1.19 -1.12
NORTHPORT___3 23553	42.01 0.43 0.00	46.96 0.75 0.00	38.12 0.61 0.00	34.75 0.69 0.00	35.09 0.56 0.00	34.65 0.64 0.00	39.12 0.82 0.00	44.21 0.69 0.00	57.11 0.79 0.00	60.81 1.27 -0.11	56.77 1.49 -2.44	42.77 1.29 0.28	41.64 1.66 -1.19	41.19 1.70 -1.02	41.91 1.41 0.89	45.79 1.68 2.94	48.26 1.81 3.78	50.44 1.88 -1.30	42.70 1.58 0.74	54.77 1.84 -3.46	54.29 2.09 -3.98	57.76 2.24 -4.75	62.53 1.89 -5.30	59.10 1.59 -1.25
NORTHPORT___4 23650	42.01 0.43 0.00	46.96 0.75 0.00	38.12 0.61 0.00	34.75 0.69 0.00	35.09 0.56 0.00	34.65 0.64 0.00	39.12 0.82 0.00	44.21 0.69 0.00	57.11 0.79 0.00	60.81 1.27 -0.11	56.77 1.49 -2.44	42.77 1.29 0.28	41.64 1.66 -1.19	41.19 1.70 -1.02	41.91 1.41 0.89	45.79 1.68 2.94	48.26 1.81 3.78	50.44 1.88 -1.30	42.70 1.58 0.74	54.77 1.84 -3.46	54.29 2.09 -3.98	57.76 2.24 -4.75	62.53 1.89 -5.30	59.10 1.59 -1.25
NORTHPORT___IC 23718	41.68 0.10 0.00	46.65 0.43 0.00	37.86 0.36 0.00	34.52 0.46 0.00	34.84 0.30 0.00	34.41 0.39 0.00	38.87 0.57 0.00	43.89 0.37 0.00	56.68 0.36 0.00	60.37 0.84 -0.10	56.12 1.09 -2.18	42.26 1.02 0.51	41.23 1.37 -1.06	40.79 1.41 -0.91	41.49 1.04 0.94	45.23 1.27 3.09	47.59 1.34 3.98	49.81 1.48 -1.07	42.06 1.14 0.95	53.94 1.36 -3.11	53.56 1.68 -3.67	56.90 1.84 -4.29	61.56 1.46 -4.76	58.54 1.16 -1.12
NORTH___COUNTRY_ESR 323785	42.93 1.34 0.00	47.71 1.49 0.00	38.33 0.82 0.00	34.80 0.74 0.00	35.41 0.88 0.00	34.48 0.47 0.00	39.01 0.71 0.00	44.33 0.81 0.00	57.57 1.25 0.00	60.48 1.05 0.00	53.67 0.83 0.00	42.53 0.77 0.00	39.12 0.32 0.00	38.34 -0.13 0.00	41.24 -0.15 0.00	46.84 -0.21 0.00	49.50 -0.73 0.00	8.49 -1.53 37.26	40.72 -1.15 0.00	48.37 -1.10 0.00	46.59 -1.63 0.00	49.19 -1.59 0.00	55.00 -0.34 0.00	56.41 0.15 0.00
NPX_GEN_1385_PROXY 323591	41.08 -0.51 0.00	46.31 0.09 0.00	37.57 0.07 0.00	34.29 0.22 0.00	34.59 0.06 0.00	33.64 0.10 0.47	38.94 0.65 0.00	43.86 0.35 0.00	56.64 0.32 0.00	59.85 0.32 -0.10	55.69 0.66 -2.18	41.63 0.38 0.51	40.38 0.51 -1.06	39.95 0.56 -0.91	40.56 0.10 0.94	44.19 0.24 3.09	47.22 0.98 3.98	49.68 1.35 -1.07	41.75 0.83 0.95	53.24 0.67 -3.11	53.45 1.57 -3.67	56.51 1.45 -4.29	60.98 0.88 -4.76	58.12 0.74 -1.12
NPX_GEN_CSC 323557	41.16 -0.42 0.00	45.98 -0.23 0.00	37.30 -0.20 0.00	34.07 0.01 0.00	34.28 -0.25 0.00	33.31 -0.24 0.47	38.36 0.07 0.00	43.36 -0.16 0.00	55.71 -0.61 0.00	59.58 0.03 -0.12	55.88 0.31 -2.73	42.16 0.38 -0.03	41.01 0.89 -1.31	40.54 0.94 -1.13	41.11 0.53 0.81	45.14 0.79 2.70	47.49 0.72 3.45	49.71 0.89 -1.56	42.30 0.70 0.28	54.17 0.86 -3.85	53.81 1.28 -4.31	57.54 1.53 -5.24	62.25 1.00 -5.90	58.29 0.65 -1.38
NSINS_S___GLNS_FALLS 23858	43.00 1.42 0.00	47.95 1.74 0.00	38.99 1.48 0.00	35.44 1.38 0.00	36.02 1.49 0.00	35.54 1.52 0.00	39.97 1.67 0.00	45.31 1.80 0.00	58.62 2.30 0.00	61.69 2.26 0.00	54.94 2.10 0.00	43.48 1.72 0.00	40.59 1.79 0.00	40.35 1.88 0.00	43.26 1.87 0.00	49.32 2.27 0.00	52.74 2.51 0.00	49.85 2.58 0.00	44.29 2.43 0.00	52.19 2.73 0.00	50.71 2.50 0.00	53.26 2.49 0.00	57.59 2.24 0.00	58.12 1.86 0.00
NUCOR_STEEL___DRP 24197	41.82 0.24 0.00	46.40 0.19 0.00	37.49 -0.02 0.00	33.92 -0.14 0.00	34.45 -0.08 0.00	34.08 0.06 0.00	38.46 0.16 0.00	43.83 0.32 0.00	56.55 0.23 0.00	59.76 0.32 0.00	53.34 0.49 0.00	41.90 0.14 0.00	38.90 0.10 0.00	38.63 0.16 0.00	41.66 0.27 0.00	47.23 0.18 0.00	50.61 0.38 0.00	47.70 0.42 0.00	42.29 0.42 0.00	50.20 0.73 0.00	48.93 0.72 0.00	51.28 0.51 0.00	55.70 0.35 0.00	56.81 0.55 0.00
NUMBER_THREE_WT_PWR 323818	42.01 0.43 0.00	46.33 0.12 0.00	37.35 -0.15 0.00	33.88 -0.18 0.00	34.08 -0.45 0.00	32.83 -1.19 0.00	36.92 -1.38 0.00	42.04 -1.47 0.00	54.43 -1.90 0.00	58.05 -1.39 0.00	51.30 -1.55 0.00	40.60 -1.16 0.00	37.32 -1.48 0.00	36.45 -2.03 0.00	39.11 -2.29 0.00	44.86 -2.19 0.00	48.20 -2.02 0.00	47.17 -1.80 -1.70	40.26 -1.61 0.00	47.68 -1.79 0.00	46.94 -1.27 0.00	49.77 -1.00 0.00	54.14 -1.21 0.00	55.29 -0.97 0.00
NYISO_LBMP_REFERENCE 24008	41.58 0.00 0.00	46.22 0.00 0.00	37.51 0.00 0.00	34.06 0.00 0.00	34.53 0.00 0.00	34.02 0.00 0.00	38.30 0.00 0.00	43.51 0.00 0.00	56.32 0.00 0.00	59.43 0.00 0.00	52.85 0.00 0.00	41.76 0.00 0.00	38.80 0.00 0.00	38.47 0.00 0.00	41.39 0.00 0.00	47.05 0.00 0.00	50.22 0.00 0.00	47.27 0.00 0.00	41.87 0.00 0.00	49.47 0.00 0.00	48.21 0.00 0.00	50.77 0.00 0.00	55.34 0.00 0.00	56.26 0.00 0.00

NYPA_BRENTWD____GT 24164	42.12 0.54 0.00	47.07 0.85 0.00	38.19 0.69 0.00	34.82 0.76 0.00	35.13 0.60 0.00	34.71 0.69 0.00	39.22 0.92 0.00	44.34 0.83 0.00	57.26 0.94 0.00	61.15 1.55 -0.16	58.14 1.73 -3.57	44.06 1.47 -0.83	42.33 1.84 -1.69	41.81 1.90 -1.45	42.34 1.57 0.62	46.83 1.89 2.12	49.60 2.04 2.66	51.67 2.12 -2.28	44.62 1.76 -1.00	56.53 2.08 -4.97	55.90 2.37 -5.31	60.00 2.55 -6.68	65.15 2.18 -7.64	59.87 1.84 -1.77
NYPA_GOWANUS____GT5 24156	57.94 1.12 -15.24	53.95 1.32 -6.42	53.28 1.14 -14.64	53.26 1.16 -18.04	53.27 1.11 -17.63	53.26 1.26 -17.98	53.34 1.33 -13.71	53.98 1.21 -9.25	58.82 1.49 -1.01	61.32 1.79 -0.10	57.48 1.83 -2.81	57.77 1.52 -14.49	56.49 1.77 -15.92	57.18 1.78 -16.93	56.33 1.72 -13.22	60.19 1.97 -11.17	63.96 2.08 -11.65	60.29 2.24 -10.78	57.33 2.01 -13.45	62.74 2.54 -10.73	64.94 2.53 -14.20	64.19 2.55 -10.87	62.17 2.06 -4.76	63.50 1.80 -5.44
NYPA_GOWANUS____GT6 24157	57.94 1.12 -15.24	53.95 1.32 -6.42	53.28 1.14 -14.64	53.26 1.16 -18.04	53.27 1.11 -17.63	53.26 1.26 -17.98	53.34 1.33 -13.71	53.98 1.21 -9.25	58.82 1.49 -1.01	61.32 1.79 -0.10	57.48 1.83 -2.81	57.77 1.52 -14.49	56.49 1.77 -15.92	57.18 1.78 -16.93	56.33 1.72 -13.22	60.19 1.97 -11.17	63.96 2.08 -11.65	60.29 2.24 -10.78	57.33 2.01 -13.45	62.74 2.54 -10.73	64.94 2.53 -14.20	64.19 2.55 -10.87	62.17 2.06 -4.76	63.50 1.80 -5.44
NYPA_HARLEM_RVR_GT1 24160	42.19 0.60 -0.01	46.99 0.77 0.00	38.21 0.70 0.00	34.93 0.86 -0.01	35.24 0.70 0.00	34.89 0.87 0.00	39.15 0.85 0.00	44.27 0.76 0.00	57.26 0.94 0.00	60.67 1.24 0.00	54.20 1.35 0.00	42.84 1.08 0.00	40.16 1.37 0.00	39.88 1.41 0.00	42.72 1.33 0.00	48.56 1.51 0.00	51.80 1.58 0.00	49.06 1.79 0.00	43.49 1.62 0.00	51.50 2.03 0.00	50.22 2.01 0.00	52.77 2.00 0.00	56.82 1.47 0.00	57.45 1.19 0.00
NYPA_HARLEM_RVR_GT2 24161	42.19 0.60 -0.01	46.99 0.77 0.00	38.21 0.70 0.00	34.93 0.86 -0.01	35.24 0.70 0.00	34.89 0.87 0.00	39.15 0.85 0.00	44.27 0.76 0.00	57.26 0.94 0.00	60.67 1.24 0.00	54.20 1.35 0.00	42.84 1.08 0.00	40.16 1.37 0.00	39.88 1.41 0.00	42.72 1.33 0.00	48.56 1.51 0.00	51.80 1.58 0.00	49.06 1.79 0.00	43.49 1.62 0.00	51.50 2.03 0.00	50.22 2.01 0.00	52.77 2.00 0.00	56.82 1.47 0.00	57.45 1.19 0.00
NYPA_KENT____GT 24152	51.78 1.00 -9.20	51.28 1.19 -3.87	47.38 1.04 -8.84	46.03 1.07 -10.89	46.19 1.02 -10.64	46.03 1.16 -10.85	47.78 1.22 -8.27	50.18 1.08 -5.58	58.25 1.32 -0.61	61.11 1.62 -0.05	56.20 1.66 -1.69	51.89 1.39 -8.74	50.05 1.64 -9.61	50.34 1.66 -10.21	50.96 1.58 -7.98	55.62 1.83 -6.74	59.18 1.92 -7.03	55.87 2.09 -6.50	51.87 1.88 -8.12	58.34 2.39 -6.48	59.16 2.38 -8.56	59.72 2.39 -6.56	60.10 1.89 -2.87	61.16 1.61 -3.28
NYPA_POUCH1____GT 24155	57.88 1.06 -15.24	53.88 1.25 -6.42	53.22 1.08 -14.64	53.21 1.11 -18.04	53.22 1.05 -17.63	53.22 1.22 -17.98	53.29 1.29 -13.71	53.91 1.15 -9.25	58.64 1.31 -1.01	61.13 1.60 -0.10	57.31 1.66 -2.81	57.64 1.39 -14.49	56.37 1.64 -15.92	57.06 1.67 -16.93	56.21 1.59 -13.22	60.05 1.83 -11.17	63.80 1.92 -11.65	60.15 2.10 -10.78	57.21 1.90 -13.45	62.59 2.39 -10.73	64.81 2.40 -14.20	64.05 2.40 -10.87	62.03 1.93 -4.76	63.36 1.66 -5.44
NYPA_VERNON____GT2 24162	45.62 0.88 -3.16	48.61 1.07 -1																						

OAK ORCHARD___HYD 24046	41.25 -0.33 0.00	45.50 -0.71 0.00	36.62 -0.89 0.00	32.88 -1.18 0.00	33.42 -1.12 0.00	33.26 -0.76 0.00	37.58 -0.72 0.00	43.12 -0.39 0.00	56.17 -0.15 0.00	59.58 0.15 0.00	52.78 -0.07 0.00	41.56 -0.20 0.00	38.17 -0.63 0.00	37.85 -0.62 0.00	41.16 -0.23 0.00	46.52 -0.53 0.00	49.62 -0.60 0.00	46.88 -0.39 0.00	41.29 -0.58 0.00	48.65 -0.81 0.00	47.40 -0.81 0.00	50.03 -0.74 0.00	55.24 -0.10 0.00	56.56 0.30 0.00
OAKDALE___35_KV_LOAD 356122	41.42 -0.16 0.00	45.98 -0.24 0.00	37.16 -0.34 0.00	33.63 -0.43 0.00	34.09 -0.44 0.00	33.66 -0.36 0.00	37.97 -0.32 0.00	43.18 -0.34 0.00	55.95 -0.38 0.00	59.15 -0.29 0.00	52.53 -0.31 0.00	41.42 -0.34 0.00	38.51 -0.29 0.00	38.16 -0.31 0.00	41.22 -0.18 0.00	46.79 -0.26 0.00	49.93 -0.29 0.00	47.27 0.00 0.00	41.89 0.02 0.00	49.64 0.17 0.00	48.37 0.16 0.00	50.89 0.12 0.00	55.42 0.08 0.00	56.51 0.24 0.00
OCC_CHEM___DRP 24175	40.35 -1.23 0.00	44.29 -1.93 0.00	35.47 -2.04 0.00	31.57 -2.49 0.00	32.14 -2.39 0.00	32.17 -1.85 0.00	36.32 -1.98 0.00	41.91 -1.61 0.00	54.72 -1.60 0.00	58.11 -1.33 0.00	51.43 -1.42 0.00	40.55 -1.21 0.00	37.09 -1.71 0.00	36.81 -1.66 0.00	40.21 -1.18 0.00	45.23 -1.82 0.00	47.99 -2.24 0.00	45.35 -1.93 0.00	39.70 -2.17 0.00	46.61 -2.86 0.00	45.41 -2.81 0.00	48.18 -2.59 0.00	53.99 -1.35 0.00	55.73 -0.53 0.00
OH_GEN_PROXY 24063	40.38 -1.20 0.00	44.37 -1.84 0.00	35.56 -1.94 0.00	31.70 -2.36 0.00	32.27 -2.26 0.00	31.81 -1.74 0.47	36.44 -1.85 0.00	41.98 -1.54 0.00	54.79 -1.53 0.00	58.17 -1.26 0.00	51.48 -1.36 0.00	40.57 -1.18 0.00	37.15 -1.66 0.00	36.86 -1.61 0.00	40.24 -1.15 0.00	45.27 -1.78 0.00	48.08 -2.14 0.00	45.47 -1.80 0.00	39.84 -2.03 0.00	46.84 -2.63 0.00	45.64 -2.57 0.00	48.38 -2.39 0.00	54.09 -1.26 0.00	55.78 -0.48 0.00
OLIN_CORP_DRP 24177	40.33 -1.25 0.00	44.29 -1.92 0.00	35.48 -2.03 0.00	31.61 -2.45 0.00	32.22 -2.31 0.00	32.24 -1.78 0.00	36.25 -2.05 0.00	41.59 -1.92 0.00	54.27 -2.05 0.00	57.64 -1.79 0.00	50.96 -1.89 0.00	40.19 -1.57 0.00	36.74 -2.06 0.00	36.45 -2.02 0.00	39.83 -1.57 0.00	44.90 -2.15 0.00	47.58 -2.64 0.00	45.01 -2.26 0.00	39.39 -2.47 0.00	46.25 -3.22 0.00	45.05 -3.17 0.00	47.87 -2.90 0.00	53.73 -1.61 0.00	55.62 -0.64 0.00
OLIN_CORP_DSASP 323712	40.35 -1.23 0.00	44.28 -1.93 0.00	35.47 -2.03 0.00	31.57 -2.49 0.00	32.14 -2.39 0.00	32.17 -1.85 0.00	36.32 -1.98 0.00	41.89 -1.62 0.00	54.72 -1.60 0.00	58.12 -1.32 0.00	51.43 -1.42 0.00	40.53 -1.22 0.00	37.09 -1.71 0.00	36.81 -1.65 0.00	40.21 -1.18 0.00	45.23 -1.82 0.00	47.98 -2.24 0.00	45.33 -1.95 0.00	39.68 -2.19 0.00	46.60 -2.87 0.00	45.41 -2.81 0.00	48.18 -2.59 0.00	53.98 -1.36 0.00	55.73 -0.53 0.00
ONEIDA_HERK_LFGE 323681	42.19 0.61 0.00	46.71 0.49 0.00	37.78 0.28 0.00	34.30 0.24 0.00	34.67 0.14 0.00	33.86 -0.16 0.00	38.12 -0.18 0.00	43.37 -0.14 0.00	56.22 -0.10 0.00	59.69 0.25 0.00	52.93 0.08 0.00	41.83 0.08 0.00	38.67 -0.13 0.00	38.17 -0.30 0.00	41.06 -0.33 0.00	46.83 -0.22 0.00	50.12 -0.10 0.00	48.06 -0.01 -0.80	41.85 -0.02 0.00	49.53 0.06 0.00	48.45 0.23 0.00	51.09 0.32 0.00	55.53 0.19 0.00	56.52 0.26 0.00
ONEIDA___115KV_TB4 55905	42.34 0.76 0.00	46.92 0.71 0.00	37.96 0.46 0.00	34.41 0.36 0.00	34.90 0.37 0.00	34.33 0.32 0.00	38.69 0.40 0.00	44.04 0.52 0.00	57.15 0.83 0.00	60.56 1.12 0.00	53.78 0.94 0.00	42.48 0.72 0.00	39.31 0.52 0.00	39.06 0.59 0.00	42.07 0.67 0.00	47.83 0.78 0.00	51.11 0.88 0.00	48.19 0.92 0.00	42.67 0.80 0.00	50.53 1.06 0.00	49.23 1.02 0.00	51.80 1.03 0.00	56.36 1.02 0.00	57.26 1.00 0.00
ONONDAGA_REF_OCCRA 23987	41.53 -0.05 0.00	46.05 -0.16 0.00	37.29 -0.22 0.00	33.77 -0.29 0.00	34.27 -0.26 0.00	33.83 -0.18 0.00	38.15 -0.15 0.00	43.44 -0.07 0.00	56.33 0.01 0.00	59.57 0.13 0.00	52.97 0.12 0.00	41.77 0.01 0.00	38.73 -0.07 0.00	38.42 -0.05 0.00	41.40 0.01 0.00	47.07 0.02 0.00	50.30 0.08 0.00	47.45 0.18 0.00	42.00 0.14 0.00	49.67 0.21 0.00	48.39 0.18 0.00	50.91 0.14 0.00	55.46 0.12 0.00	56.43 0.17 0.00
ONONDAGA___COGEN 23986	41.51 -0.07 0.00	46.05 -0.16 0.00	37.29 -0.21 0.00	33.78 -0.28 0.00	34.28 -0.25 0.00	33.85 -0.17 0.00	38.17 -0.12 0.00	43.47 -0.04 0.00	56.31 -0.01 0.00	59.53 0.09 0.00	52.95 0.10 0.00	41.74 -0.02 0.00	38.72 -0.08 0.00	38.41 -0.06 0.00	41.40 0.01 0.00	47.05 0.00 0.00	50.28 0.06 0.00	47.41 0.14 0.00	41.98 0.11 0.00	49.67 0.20 0.00	48.39 0.18 0.00	50.87 0.10 0.00	55.41 0.07 0.00	56.39 0.13 0.00
ONTARIO___LFGE 23819	41.52 -0.06 0.00	45.93 -0.29 0.00	37.02 -0.48 0.00	33.36 -0.70 0.00	33.86 -0.67 0.00	33.53 -0.49 0.00	37.88 -0.42 0.00	43.24 -0.27 0.00	56.07 -0.25 0.00	59.29 -0.15 0.00	52.64 -0.20 0.00	41.49 -0.27 0.00	38.42 -0.39 0.00	37.94 -0.53 0.00	41.07 -0.32 0.00	46.61 -0.44 0.00	49.80 -0.42 0.00	47.30 0.04 0.00	41.85 -0.01 0.00	49.51 0.04 0.00	48.29 0.07 0.00	50.86 0.09 0.00	55.63 0.29 0.00	56.83 0.57 0.00
ORANGEVILLE_WT_PWR 323706	40.09 -1.49 0.00	43.96 -2.26 0.00	35.26 -2.24 0.00	31.34 -2.72 0.00	31.86 -2.67 0.00	31.64 -2.37 0.00	35.59 -2.71 0.00	40.56 -2.95 0.00	52.57 -3.75 0.00	55.71 -3.73 0.00	49.10 -3.74 0.00	38.86 -2.90 0.00	35.75 -3.05 0.00	35.38 -3.09 0.00	38.55 -2.84 0.00	43.68 -3.36 0.00	46.99 -3.24 0.00	44.78 -2.50 0.00	39.20 -2.67 0.00	46.32 -3.15 0.00	45.44 -2.78 0.00	48.36 -2.41 0.00	54.09 -1.26 0.00	55.99 -0.28 0.00
ORANGEVILLE___ESR 323794	40.09 -1.49 0.00	43.96 -2.26 0.00	35.26 -2.24 0.00	31.34 -2.72 0.00	31.86 -2.67 0.00	31.64 -2.37 0.00	35.59 -2.71 0.00	40.56 -2.95 0.00	52.57 -3.75 0.00	55.71 -3.73 0.00	49.10 -3.74 0.00	38.86 -2.90 0.00	35.75 -3.05 0.00	35.38 -3.09 0.00	38.55 -2.84 0.00	43.68 -3.36 0.00	46.99 -3.24 0.00	44.78 -2.50 0.00	39.20 -2.67 0.00	46.32 -3.15 0.00	45.44 -2.78 0.00	48.36 -2.41 0.00	54.09 -1.26 0.00	55.99 -0.28 0.00
OSWEGATCHIE___HYD 24044	41.41 -0.17 0.00	45.83 -0.39 0.00	37.03 -0.47 0.00	33.62 -0.44 0.00	33.94 -0.59 0.00	32.99 -1.03 0.00	37.23 -1.07 0.00	42.41 -1.10 0.00	54.85 -1.48 0.00	57.96 -1.48 0.00	51.32 -1.53 0.00	40.61 -1.15 0.00	37.39 -1.41 0.00	36.61 -1.86 0.00	39.26 -2.13 0.00	44.94 -2.11 0.00	48.22 -2.01 0.00	49.11 -2.01 -3.86	40.07 -1.80 0.00	47.30 -2.17 0.00	46.42 -1.79 0.00	49.12 -1.65 0.00	53.77 -1.58 0.00	54.96 -1.30 0.00
OSWEGO___5 23606	40.93 -0.65 0.00	45.41 -0.80 0.00	36.79 -0.71 0.00	33.34 -0.72 0.00	33.82 -0.71 0.00	33.37 -0.65 0.00	37.60 -0.69 0.00	42.80 -0.72 0.00	55.45 -0.87 0.00	58.61 -0.82 0.00	52.09 -0.76 0.00	41.10 -0.65 0.00	38.14 -0.66 0.00	37.81 -0.66 0.00	40.76 -0.64 0.00	46.29 -0.76 0.00	49.42 -0.80 0.00	46.61 -0.66 0.00	41.26 -0.61 0.00	48.77 -0.70 0.00	47.52 -0.69 0.00	50.02 -0.75 0.00	54.54 -0.80 0.00	55.50 -0.76 0.00

OSWEGO___6 23613	40.93 -0.65 0.00	45.41 -0.80 0.00	36.79 -0.71 0.00	33.34 -0.72 0.00	33.82 -0.71 0.00	33.37 -0.65 0.00	37.60 -0.69 0.00	42.80 -0.72 0.00	55.45 -0.87 0.00	58.61 -0.82 0.00	52.09 -0.76 0.00	41.10 -0.65 0.00	38.14 -0.66 0.00	37.81 -0.66 0.00	40.76 -0.64 0.00	46.29 -0.76 0.00	49.42 -0.80 0.00	46.61 -0.66 0.00	41.26 -0.61 0.00	48.77 -0.70 0.00	47.52 -0.69 0.00	50.02 -0.75 0.00	54.54 -0.80 0.00	55.50 -0.76 0.00
OUTOKUMPU-AB___DRP 24206	41.02 -0.57 0.00	45.03 -1.18 0.00	36.06 -1.45 0.00	32.11 -1.95 0.00	32.69 -1.84 0.00	32.71 -1.31 0.00	36.89 -1.40 0.00	42.48 -1.03 0.00	55.43 -0.89 0.00	58.88 -0.55 0.00	52.10 -0.75 0.00	41.07 -0.69 0.00	37.56 -1.24 0.00	37.28 -1.19 0.00	40.74 -0.66 0.00	45.87 -1.18 0.00	48.70 -1.53 0.00	46.09 -1.18 0.00	40.37 -1.50 0.00	47.43 -2.04 0.00	46.22 -1.99 0.00	49.05 -1.72 0.00	54.91 -0.44 0.00	56.66 0.40 0.00
OXBOW___BTM 323836	40.64 -0.94 0.00	44.61 -1.61 0.00	35.72 -1.79 0.00	31.80 -2.26 0.00	32.37 -2.16 0.00	32.40 -1.62 0.00	36.57 -1.73 0.00	42.14 -1.38 0.00	55.02 -1.31 0.00	58.46 -0.98 0.00	51.73 -1.12 0.00	40.76 -1.00 0.00	37.29 -1.52 0.00	37.01 -1.46 0.00	40.44 -0.95 0.00	45.52 -1.53 0.00	48.30 -1.92 0.00	45.67 -1.60 0.00	39.97 -1.89 0.00	46.98 -2.49 0.00	45.78 -2.43 0.00	48.57 -2.20 0.00	54.39 -0.96 0.00	56.14 -0.12 0.00
OXBOW____ 24026	40.63 -0.95 0.00	44.61 -1.61 0.00	35.71 -1.79 0.00	31.80 -2.26 0.00	32.38 -2.15 0.00	32.40 -1.62 0.00	36.57 -1.73 0.00	42.14 -1.37 0.00	55.02 -1.31 0.00	58.46 -0.98 0.00	51.73 -1.12 0.00	40.77 -0.98 0.00	37.28 -1.52 0.00	37.02 -1.45 0.00	40.44 -0.95 0.00	45.52 -1.53 0.00	48.30 -1.92 0.00	45.69 -1.58 0.00	40.01 -1.86 0.00	46.99 -2.48 0.00	45.79 -2.43 0.00	48.57 -2.20 0.00	54.39 -0.95 0.00	56.14 -0.12 0.00
OXY_CHEM_DSASP 323612	40.35 -1.23 0.00	44.29 -1.93 0.00	35.47 -2.04 0.00	31.57 -2.49 0.00	32.14 -2.39 0.00	32.17 -1.85 0.00	36.32 -1.98 0.00	41.91 -1.61 0.00	54.72 -1.60 0.00	58.11 -1.33 0.00	51.43 -1.42 0.00	40.55 -1.21 0.00	37.09 -1.71 0.00	36.81 -1.66 0.00	40.21 -1.18 0.00	45.23 -1.82 0.00	47.99 -2.24 0.00	45.35 -1.93 0.00	39.70 -2.17 0.00	46.61 -2.86 0.00	45.41 -2.81 0.00	48.18 -2.59 0.00	53.99 -1.35 0.00	55.73 -0.53 0.00
OZONE_PARK_ESR 323760	42.59 1.01 0.00	47.46 1.24 0.00	38.56 1.06 0.00	35.13 1.07 0.00	35.55 1.02 0.00	35.14 1.13 0.00	39.51 1.21 0.00	44.67 1.16 0.00	57.78 1.46 0.00	61.18 1.74 0.00	54.60 1.75 0.00	43.22 1.46 0.00	40.51 1.71 0.00	40.18 1.71 0.00	43.05 1.65 0.00	48.97 1.92 0.00	52.26 2.03 0.00	49.45 2.18 0.00	43.85 1.98 0.00	52.01 2.54 0.00	50.75 2.54 0.00	53.32 2.55 0.00	57.43 2.08 0.00	58.05 1.79 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	40.35 -1.23 0.00	44.29 -1.93 0.00	35.47 -2.04 0.00	31.57 -2.49 0.00	32.14 -2.39 0.00	32.17 -1.85 0.00	36.32 -1.98 0.00	41.91 -1.61 0.00	54.72 -1.60 0.00	58.11 -1.33 0.00	51.43 -1.42 0.00	40.55 -1.21 0.00	37.09 -1.71 0.00	36.81 -1.66 0.00	40.21 -1.18 0.00	45.23 -1.82 0.00	47.99 -2.24 0.00	45.35 -1.93 0.00	39.70 -2.17 0.00	46.61 -2.86 0.00	45.41 -2.81 0.00	48.18 -2.59 0.00	53.99 -1.35 0.00	55.73 -0.53 0.00
PACKARD__115KV_DUPONT_184 80571	40.35 -1.23 0.00	44.29 -1.93 0.00	35.47 -2.04 0.00	31.57 -2.49 0.00	32.14 -2.39 0.00	32.17 -1.85 0.00	36.32 -1.98 0.00	41.91 -1.61 0.00	54.72 -1.60 0.00	58.11 -1.33 0.00	51.43 -1.42 0.00	40.55 -1.21 0.00	37.09 -1.71 0.00	36.81 -1.66 0.00	40.21 -1.18 0.00	45.23 -1.82 0.00	47.99 -2.24 0.00	45.35 -1.93 0.00	39.70 -2.17 0.00	46.61 -2.86 0.00	45.41 -2.81 0.00	48.18 -2.59 0.00	53.99 -1.35 0.00	55.73 -0.53 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	42.26 0.67 -0.01	47.05 0.84 0.00	38.26 0.76 0.00	34.92 0.86 -0.01	35.27 0.73 0.00	34.90 0.87 -0.01	39.19 0.89 0.00	44.32 0.81 0.00	57.39 1.07 0.00	60.78 1.34 0.00	54.27 1.42 0.00	42.91 1.15 0.00	40.21 1.41 0.00	39.89 1.43 0.00	42.73 1.34 0.00	48.60 1.55 0.00	51.83 1.61 0.00	49.10 1.82 0.00	43.48 1.61 0.00	51.48 2.01 0.00	50.22 2.01 0.00	52.79 2.02 0.00	56.82 1.48 0.00	57.51 1.25 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	42.27 0.68 -0.01	47.15 0.94 0.00	38.38 0.87 0.00	34.97 0.91 -0.01	35.31 0.77 0.00	34.97 0.95 -0.01	39.30 1.00 0.00	44.48 0.97 0.00	57.41 1.09 0.00	60.78 1.34 0.00	54.27 1.42 0.00	42.91 1.15 0.00	40.21 1.42 0.00	39.90 1.43 0.00	42.74 1.34 0.00	48.60 1.55 0.00	51.84 1.62 0.00	49.13 1.86 0.00	43.48 1.61 0.00	51.48 2.01 0.00	50.23 2.01 0.00	52.79 2.02 0.00	56.82 1.48 0.00	57.51 1.25 0.00
PATROON__115KV_TB1 80586	41.53 -0.05 0.00	46.24 0.03 0.00	37.67 0.17 0.00	34.32 0.26 0.00	34.87 0.34 0.00	34.32 0.31 0.00	38.35 0.05 0.00	43.41 -0.10 0.00	56.15 -0.17 0.00	59.12 -0.32 0.00	52.60 -0.25 0.00	41.67 -0.09 0.00	38.92 0.12 0.00	38.67 0.20 0.00	41.42 0.03 0.00	47.15 0.10 0.00	50.42 0.20 0.00	47.52 0.25 0.00	42.18 0.31 0.00	49.83 0.36 0.00	48.57 0.35 0.00	51.05 0.28 0.00	55.27 -0.08 0.00	55.84 -0.42 0.00
PATTRSNVILLE___SOLAR 323815	42.45 0.87 0.00	47.20 0.98 0.00	38.30 0.80 0.00	34.79 0.73 0.00	35.29 0.77 0.00	34.75 0.74 0.00	39.13 0.84 0.00	44.45 0.93 0.00	57.55 1.23 0.00	60.71 1.27 0.00	54.07 1.23 0.00	42.70 0.94 0.00	39.72 0.92 0.00	39.35 0.88 0.00	42.41 1.02 0.00	48.23 1.18 0.00	51.59 1.36 0.00	48.65 1.38 0.00	43.12 1.25 0.00	50.98 1.51 0.00	49.69 1.47 0.00	52.26 1.49 0.00	56.76 1.41 0.00	57.54 1.28 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	41.12 -0.46 0.00	45.24 -0.97 0.00	36.28 -1.23 0.00	32.37 -1.70 0.00	32.93 -1.60 0.00	32.89 -1.12 0.00	37.15 -1.15 0.00	42.70 -0.81 0.00	55.64 -0.68 0.00	59.07 -0.37 0.00	52.25 -0.59 0.00	41.18 -0.58 0.00	37.72 -1.08 0.00	37.46 -1.01 0.00	40.89 -0.51 0.00	46.06 -0.99 0.00	48.95 -1.28 0.00	46.44 -0.83 0.00	40.78 -1.09 0.00	48.01 -1.46 0.00	46.83 -1.39 0.00	49.61 -1.16 0.00	55.25 -0.10 0.00	56.91 0.66 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	42.41 0.83 0.00	47.24 1.03 0.00	38.40 0.89 0.00	34.95 0.89 0.00	35.41 0.87 0.00	34.98 0.96 0.00	39.35 1.06 0.00	44.56 1.05 0.00	57.71 1.39 0.00	61.04 1.61 0.00	54.44 1.59 0.00	43.07 1.31 0.00	40.32 1.52 0.00	40.02 1.54 0.00	42.88 1.49 0.00	48.81 1.77 0.00	52.12 1.90 0.00	49.32 2.05 0.00	43.77 1.90 0.00	51.89 2.42 0.00	50.60 2.39 0.00	53.16 2.39 0.00	57.30 1.96 0.00	57.91 1.65 0.00
PEEKSKILL____ 23653	41.95 0.37 0.00	46.76 0.55 0.00	37.99 0.49 0.00	34.61 0.55 0.00	35.04 0.51 0.00	34.61 0.59 0.00	38.91 0.61 0.00	44.01 0.50 0.00	56.93 0.61 0.00	60.19 0.75 0.00	53.68 0.84 0.00	42.44 0.69 0.00	39.77 0.97 0.00	39.46 1.00 0.00	42.30 0.90 0.00	48.13 1.08 0.00	51.35 1.12 0.00	48.58 1.31 0.00	43.11 1.24 0.00	51.15 1.68 0.00	49.94 1.73 0.00	52.50 1.73 0.00	56.58 1.24 0.00	57.23 0.97 0.00

PGE MADISON___WINDPWR 24146	44.42 2.84 0.00	48.91 2.69 0.00	38.90 1.39 0.00	34.45 0.39 0.00	34.93 0.40 0.00	34.58 0.56 0.00	38.97 0.68 0.00	44.42 0.90 0.00	56.96 0.64 0.00	59.80 0.37 0.00	53.26 0.42 0.00	42.00 0.24 0.00	38.90 0.10 0.00	38.29 -0.18 0.00	41.67 0.28 0.00	47.29 0.24 0.00	50.74 0.51 0.00	47.99 0.72 0.00	42.56 0.70 0.00	50.66 1.19 0.00	49.41 1.20 0.00	52.24 1.47 0.00	57.31 1.97 0.00	58.88 2.62 0.00
PIERCEFIELD___HYD 23852	41.82 0.23 0.00	46.42 0.21 0.00	37.60 0.10 0.00	34.15 0.09 0.00	34.53 0.00 0.00	33.85 -0.17 0.00	38.27 -0.03 0.00	43.57 0.06 0.00	56.32 0.00 0.00	59.03 -0.40 0.00	52.42 -0.43 0.00	41.44 -0.32 0.00	38.19 -0.61 0.00	37.65 -0.82 0.00	40.39 -1.00 0.00	46.01 -1.04 0.00	49.16 -1.06 0.00	51.55 -1.39 -5.67	40.62 -1.25 0.00	47.88 -1.59 0.00	46.83 -1.39 0.00	49.49 -1.28 0.00	54.60 -0.75 0.00	55.85 -0.41 0.00
PINELAWN_CC_1 323563	42.18 0.60 0.00	47.11 0.90 0.00	38.20 0.70 0.00	34.81 0.75 0.00	35.15 0.62 0.00	34.73 0.72 0.00	39.22 0.93 0.00	44.34 0.83 0.00	57.31 0.99 0.00	61.28 1.56 -0.29	61.36 1.74 -6.77	47.11 1.50 -3.85	43.66 1.83 -3.04	42.95 1.88 -2.61	43.03 1.64 0.00	48.97 1.92 0.00	52.57 2.09 -0.25	54.45 2.16 -5.01	49.44 1.84 -5.74	60.95 2.20 -9.28	59.74 2.39 -9.14	65.53 2.55 -12.21	71.80 2.17 -14.29	61.31 1.85 -3.19
PJM_GEN_HTP_PROXY 323702	42.20 0.62 0.00	47.06 0.85 0.00	38.26 0.76 0.00	34.87 0.81 0.00	35.29 0.76 0.00	34.88 0.86 0.00	39.19 0.90 0.00	44.31 0.80 0.00	57.27 0.95 0.00	60.63 1.19 0.00	54.08 1.24 0.00	42.79 1.03 0.00	40.11 1.31 0.00	39.79 1.32 0.00	42.61 1.22 0.00	48.47 1.42 0.00	51.72 1.50 0.00	48.94 1.67 0.00	43.40 1.53 0.00	51.50 2.03 0.00	50.24 2.02 0.00	52.79 2.03 0.00	56.86 1.52 0.00	57.49 1.23 0.00
PJM_GEN_KEystone 24065	41.16 -0.42 0.00	45.75 -0.47 0.00	36.98 -0.53 0.00	33.45 -0.61 0.00	33.89 -0.64 0.00	33.60 -0.41 0.00	37.87 -0.42 0.00	43.05 -0.47 0.00	55.81 -0.51 0.00	59.03 -0.40 0.00	52.45 -0.40 0.00	41.35 -0.40 0.00	38.49 -0.31 0.00	38.17 -0.30 0.00	41.21 -0.18 0.00	46.74 -0.31 0.00	49.77 -0.46 0.00	47.21 -0.06 0.00	41.78 -0.09 0.00	49.56 0.09 0.00	48.38 0.17 0.00	50.96 0.19 0.00	55.44 0.09 0.00	56.53 0.26 0.00
PJM_GEN_NEPTUNE_PROXY 323594	41.91 0.33 0.00	46.79 0.58 0.00	37.98 0.47 0.00	34.63 0.56 0.00	34.98 0.45 0.00	34.56 0.54 0.00	38.96 0.66 0.00	44.03 0.51 0.00	56.89 0.57 0.00	60.48 1.02 -0.02	54.46 1.26 -0.36	40.67 1.12 2.21	40.52 1.45 -0.27	40.22 1.51 -0.23	41.36 1.30 1.33	44.28 1.55 4.32	46.24 1.66 5.64	48.49 1.70 0.48	39.18 1.44 4.13	51.89 1.74 -0.68	51.63 1.92 -1.50	53.95 2.00 -1.18	57.99 1.63 -1.02	57.89 1.34 -0.29
PJM_GEN_VFT_PROXY 323633	42.02 0.44 0.00	46.85 0.64 0.00	38.09 0.58 0.00	34.72 0.66 0.00	35.13 0.60 0.00	34.73 0.72 0.00	39.02 0.72 0.00	44.10 0.59 0.00	56.99 0.67 0.00	60.28 0.84 0.00	53.82 0.97 0.00	42.58 0.82 0.00	39.93 1.13 0.00	39.61 1.14 0.00	42.40 1.01 0.00	48.24 1.18 0.00	51.46 1.23 0.00	48.70 1.42 0.00	43.18 1.31 0.00	51.25 1.78 0.00	50.03 1.81 0.00	52.57 1.80 0.00	56.58 1.24 0.00	57.24 0.98 0.00
PLATSBURG_115KV_PMLD1 355749	43.37 1.79 0.00	48.25 2.03 0.00	38.74 1.24 0.00	35.18 1.12 0.00	35.82 1.29 0.00	34.92 0.91 0.00	39.44 1.14 0.00	44.73 1.22 0.00	58.05 1.73 0.00	60.92 1.49 0.00	54.06 1.22 0.00	42.85 1.09 0.00	39.47 0.67 0.00	38.75 0.28 0.00	41.61 0.21 0.00	47.33 0.28 0.00	50.10 -0.12 0.00	12.00 -1.05 34.22	41.23 -0.64 0.00	48.90 -0.57 0.00	47.18 -1.03 0.00	49.83 -0.94 0.00	55.52 0.18 0.00	56.95 0.69 0.00
PLEASANTVLY___LBMP 24000	41.89 0.31 0.00	46.70 0.48 0.00	37.97 0.46 0.00	34.59 0.53 0.00	35.04 0.51 0.00	34.60 0.58 0.00	38.88 0.59 0.00	44.00 0.48 0.00	56.92 0.60 0.00	60.10 0.67 0.00	53.57 0.73 0.00	42.38 0.63 0.00	39.69 0.89 0.00	39.39 0.92 0.00	42.20 0.81 0.00	48.04 0.99 0.00	51.29 1.06 0.00	48.49 1.22 0.00	43.04 1.17 0.00	51.00 1.53 0.00	49.75 1.54 0.00	52.29 1.52 0.00	56.41 1.07 0.00	57.02 0.76 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	42.16 0.58 0.00	47.00 0.78 0.00	38.20 0.69 0.00	34.80 0.74 0.00	35.23 0.70 0.00	34.81 0.79 0.00	39.13 0.84 0.00	44.25 0.74 0.00	57.22 0.90 0.00	60.52 1.08 0.00	53.98 1.14 0.00	42.72 0.96 0.00	40.00 1.20 0.00	39.69 1.22 0.00	42.53 1.14 0.00	48.40 1.35 0.00	51.66 1.44 0.00	48.87 1.60 0.00	43.36 1.49 0.00	51.41 1.94 0.00	50.16 1.95 0.00	52.71 1.94 0.00	56.81 1.47 0.00	57.45 1.19 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	42.16 0.58 0.00	47.00 0.78 0.00	38.20 0.69 0.00	34.80 0.74 0.00	35.23 0.70 0.00	34.81 0.79 0.00	39.13 0.84 0.00	44.25 0.74 0.00	57.22 0.90 0.00	60.52 1.08 0.00	53.98 1.14 0.00	42.72 0.96 0.00	40.00 1.20 0.00	39.69 1.22 0.00	42.53 1.14 0.00	48.40 1.35 0.00	51.66 1.44 0.00	48.87 1.60 0.00	43.36 1.49 0.00	51.41 1.94 0.00	50.16 1.95 0.00	52.71 1.94 0.00	56.81 1.47 0.00	57.45 1.19 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	42.25 0.67 0.00	47.07 0.85 0.00	38.25 0.75 0.00	34.82 0.76 0.00	35.28 0.75 0.00	34.85 0.83 0.00	39.19 0.89 0.00	44.37 0.86 0.00	57.49 1.17 0.00	60.77 1.34 0.00	54.15 1.31 0.00	42.85 1.10 0.00	40.11 1.31 0.00	39.80 1.33 0.00	42.67 1.28 0.00	48.57 1.52 0.00	51.85 1.63 0.00	49.06 1.79 0.00	43.54 1.67 0.00	51.62 2.15 0.00	50.32 2.10 0.00	52.85 2.08 0.00	57.00 1.66 0.00	57.60 1.34 0.00
POLETTI___ 23519	42.20 0.62 0.00	47.04 0.82 0.00	38.25 0.74 0.00	34.87 0.81 0.00	35.29 0.76 0.00	34.89 0.87 0.00	39.18 0.89 0.00	44.28 0.77 0.00	57.25 0.93 0.00	60.59 1.15 0.00	54.07 1.22 0.00	42.78 1.02 0.00	40.11 1.31 0.00	39.80 1.33 0.00	42.61 1.22 0.00	48.47 1.42 0.00	51.72 1.49 0.00	48.93 1.66 0.00	43.39 1.52 0.00	51.47 2.00 0.00	50.23 2.01 0.00	52.77 2.00 0.00	56.83 1.48 0.00	57.46 1.20 0.00
POMONA___ESR 323819	42.01 0.43 0.00	46.83 0.61 0.00	38.03 0.53 0.00	34.64 0.58 0.00	35.06 0.53 0.00	34.64 0.62 0.00	38.95 0.65 0.00	44.06 0.54 0.00	56.99 0.67 0.00	60.25 0.82 0.00	53.76 0.92 0.00	42.48 0.73 0.00	39.81 1.01 0.00	39.51 1.03 0.00	42.35 0.95 0.00	48.18 1.13 0.00	51.39 1.17 0.00	48.63 1.36 0.00	43.16 1.29 0.00	51.22 1.75 0.00	50.03 1.82 0.00	52.59 1.83 0.00	56.68 1.34 0.00	57.35 1.09 0.00
PORT_JEFF_3 23555	41.80 0.22 0.00	46.70 0.48 0.00	37.89 0.38 0.00	34.57 0.51 0.00	34.84 0.31 0.00	34.40 0.39 0.00	38.91 0.62 0.00	43.99 0.48 0.00	56.76 0.44 0.00	60.62 1.06 -0.13	56.89 1.29 -2.76	42.95 1.13 -0.06	41.69 1.56 -1.33	41.21 1.60 -1.14	41.83 1.25 0.80	45.92 1.55 2.68	48.43 1.63 3.42	50.59 1.74 -1.58	43.08 1.44 0.23	55.09 1.72 -3.90	54.60 2.03 -4.36	58.30 2.23 -5.30	63.13 1.81 -5.97	59.12 1.46 -1.40

PORT_JEFF_4 23616	41.80 0.22 0.00	46.70 0.48 0.00	37.89 0.38 0.00	34.57 0.51 0.00	34.84 0.31 0.00	34.40 0.39 0.00	38.91 0.62 0.00	43.99 0.48 0.00	56.76 0.44 0.00	60.62 1.06 -0.13	56.89 1.29 -2.76	42.95 1.13 -0.06	41.69 1.56 -1.33	41.21 1.60 -1.14	41.83 1.25 0.80	45.92 1.55 2.68	48.43 1.63 3.42	50.59 1.74 -1.58	43.08 1.44 0.23	55.09 1.72 -3.90	54.60 2.03 -4.36	58.30 2.23 -5.30	63.13 1.81 -5.97	59.12 1.46 -1.40
PORT_JEFF_IC 23713	41.78 0.20 0.00	46.69 0.47 0.00	37.87 0.37 0.00	34.56 0.50 0.00	34.83 0.29 0.00	34.39 0.37 0.00	38.91 0.61 0.00	43.99 0.47 0.00	56.75 0.43 0.00	60.65 1.08 -0.13	57.04 1.28 -2.91	43.09 1.14 -0.20	41.75 1.55 -1.39	41.27 1.61 -1.19	41.89 1.27 0.77	46.05 1.58 2.58	48.58 1.64 3.28	50.76 1.78 -1.71	43.30 1.45 0.02	55.29 1.73 -4.09	54.78 2.04 -4.52	58.56 2.24 -5.54	63.39 1.78 -6.27	59.16 1.44 -1.46
PPL PILGRIM_ST_GT1 24216	42.12 0.54 0.00	47.07 0.85 0.00	38.19 0.69 0.00	34.82 0.76 0.00	35.13 0.60 0.00	34.71 0.69 0.00	39.22 0.92 0.00	44.34 0.83 0.00	57.26 0.94 0.00	61.15 1.55 -0.16	58.14 1.73 -3.57	44.06 1.47 -0.83	42.33 1.84 -1.69	41.81 1.90 -1.45	42.34 1.57 0.62	46.83 1.89 2.12	49.60 2.04 2.66	51.67 2.12 -2.28	44.62 1.76 -1.00	56.53 2.08 -4.97	55.90 2.37 -5.31	60.00 2.55 -6.68	65.15 2.18 -7.64	59.87 1.84 -1.77
PPL PILGRIM_ST_GT2 24217	42.12 0.54 0.00	47.07 0.85 0.00	38.19 0.69 0.00	34.82 0.76 0.00	35.13 0.60 0.00	34.71 0.69 0.00	39.22 0.92 0.00	44.34 0.83 0.00	57.26 0.94 0.00	61.15 1.55 -0.16	58.14 1.73 -3.57	44.06 1.47 -0.83	42.33 1.84 -1.69	41.81 1.90 -1.45	42.34 1.57 0.62	46.83 1.89 2.12	49.60 2.04 2.66	51.67 2.12 -2.28	44.62 1.76 -1.00	56.53 2.08 -4.97	55.90 2.37 -5.31	60.00 2.55 -6.68	65.15 2.18 -7.64	59.87 1.84 -1.77
PPL_SHRM_GT3 24213	41.20 -0.38 0.00	46.02 -0.19 0.00	37.34 -0.17 0.00	34.10 0.04 0.00	34.32 -0.22 0.00	33.81 -0.21 0.00	38.40 0.10 0.00	43.40 -0.11 0.00	55.78 -0.54 0.00	59.65 0.09 -0.13	56.03 0.37 -2.81	42.29 0.43 -0.10	41.09 0.94 -1.35	40.62 0.99 -1.16	41.16 0.57 0.79	45.24 0.83 2.64	47.61 0.76 3.38	49.84 0.94 -1.62	42.46 0.75 0.16	54.34 0.92 -3.96	53.94 1.32 -4.41	57.72 1.58 -5.38	62.46 1.05 -6.07	58.37 0.70 -1.42
PPL_SHRM_GT4 24214	41.20 -0.38 0.00	46.02 -0.19 0.00	37.34 -0.17 0.00	34.10 0.04 0.00	34.32 -0.22 0.00	33.81 -0.21 0.00	38.40 0.10 0.00	43.40 -0.11 0.00	55.78 -0.54 0.00	59.65 0.09 -0.13	56.03 0.37 -2.81	42.29 0.43 -0.10	41.09 0.94 -1.35	40.62 0.99 -1.16	41.16 0.57 0.79	45.24 0.83 2.64	47.61 0.76 3.38	49.84 0.94 -1.62	42.46 0.75 0.16	54.34 0.92 -3.96	53.94 1.32 -4.41	57.72 1.58 -5.38	62.46 1.05 -6.07	58.37 0.70 -1.42
PROJECT___ORANGE 1 24174	41.33 -0.25 0.00	45.83 -0.38 0.00	37.13 -0.37 0.00	33.62 -0.44 0.00	34.11 -0.42 0.00	33.69 -0.33 0.00	37.98 -0.32 0.00	43.25 -0.27 0.00	56.08 -0.24 0.00	59.30 -0.13 0.00	52.71 -0.13 0.00	41.59 -0.17 0.00	38.57 -0.24 0.00	38.26 -0.21 0.00	41.24 -0.16 0.00	46.88 -0.17 0.00	50.08 -0.14 0.00	47.23 -0.04 0.00	41.80 -0.07 0.00	49.41 -0.06 0.00	48.14 -0.07 0.00	50.65 -0.12 0.00	55.20 -0.14 0.00	56.15 -0.11 0.00
PROJECT___ORANGE 2 24166	41.33 -0.25 0.00	45.83 -0.38 0.00	37.13 -0.37 0.00	33.62 -0.44 0.00	34.11 -0.42 0.00	33.69 -0.33 0.00	37.98 -0.32 0.00	43.25 -0.27 0.00	56.08 -0.24 0.00	59.30 -0.13 0.00	52.71 -0.13 0.00	41.59 -0.17 0.00	38.57 -0.24 0.00	38.26 -0.21 0.00	41.24 -0.16 0.00	46.88 -0.17 0.00	50.08 -0.14 0.00	47.23 -0.04 0.00	41.80 -0.07 0.00	49.41 -0.06 0.00	48.14 -0.07 0.00	50.65 -0.12 0.00	55.20 -0.14 0.00	56.15 -0.11 0.00
PUCKETT___SOLAR 323809	42.06 0.48 0.00	46.55 0.34 0.00	37.46 -0.04 0.00	33.68 -0.38 0.00	34.14 -0.39 0.00	33.73 -0.29 0.00	38.03 -0.26 0.00	43.28 -0.23 0.00	56.04 -0.28 0.00	59.21 -0.23 0.00	52.64 -0.21 0.00	41.49 -0.26 0.00	38.53 -0.27 0.00	38.14 -0.33 0.00	41.25 -0.14 0.00	46.85 -0.19 0.00	50.07 -0.15 0.00	47.43 0.16 0.00	42.05 0.18 0.00	49.89 0.43 0.00	48.62 0.40 0.00	51.15 0.38 0.00	55.75 0.41 0.00	56.94 0.68 0.00
PYRITES___HYD 24023	42.89 1.31 0.00	47.61 1.40 0.00	38.61 1.10 0.00	35.06 1.00 0.00	35.47 0.94 0.00	34.85 0.83 0.00	39.45 1.15 0.00	44.94 1.42 0.00	58.05 1.73 0.00	60.78 1.35 0.00	53.97 1.13 0.00	42.61 0.86 0.00	39.27 0.47 0.00	38.76 0.29 0.00	41.43 0.03 0.00	47.25 0.20 0.00	50.62 0.39 0.00	52.45 0.08 -5.09	41.94 0.07 0.00	49.44 -0.03 0.00	48.30 0.09 0.00	51.01 0.24 0.00	56.24 0.89 0.00	57.49 1.23 0.00
QUAKERRD_115KV_BK1 80622	40.48 -1.10 0.00	44.71 -1.51 0.00	36.04 -1.47 0.00	32.41 -1.65 0.00	32.94 -1.59 0.00	32.72 -1.30 0.00	36.97 -1.33 0.00	42.36 -1.16 0.00	55.13 -1.19 0.00	58.43 -1.01 0.00	51.79 -1.06 0.00	40.79 -0.97 0.00	37.53 -1.27 0.00	37.22 -1.25 0.00	40.42 -0.98 0.00	45.70 -1.35 0.00	48.77 -1.45 0.00	46.04 -1.23 0.00	40.58 -1.28 0.00	47.85 -1.62 0.00	46.61 -1.60 0.00	49.20 -1.57 0.00	54.16 -1.19 0.00	55.37 -0.89 0.00
QUEENSBRY_115KV_TB8 356137	43.04 1.46 0.00	48.04 1.82 0.00	39.04 1.54 0.00	35.48 1.42 0.00	36.07 1.54 0.00	35.59 1.57 0.00	40.03 1.74 0.00	45.37 1.85 0.00	58.69 2.36 0.00	61.75 2.31 0.00	55.01 2.16 0.00	43.55 1.79 0.00	40.66 1.86 0.00	40.45 1.98 0.00	43.38 1.99 0.00	49.45 2.40 0.00	52.88 2.65 0.00	49.99 2.72 0.00	44.42 2.55 0.00	52.33 2.86 0.00	50.81 2.60 0.00	53.35 2.58 0.00	57.68 2.34 0.00	58.17 1.91 0.00
RAMAPO___LBMP 323565	41.85 0.27 0.00	46.66 0.44 0.00	37.90 0.40 0.00	34.51 0.45 0.00	34.93 0.40 0.00	34.50 0.48 0.00	38.80 0.50 0.00	43.88 0.36 0.00	56.77 0.44 0.00	60.00 0.56 0.00	53.54 0.69 0.00	42.29 0.53 0.00	39.63 0.83 0.00	39.31 0.84 0.00	42.15 0.76 0.00	47.96 0.91 0.00	51.16 0.94 0.00	48.40 1.13 0.00	42.94 1.08 0.00	50.99 1.52 0.00	49.80 1.59 0.00	52.38 1.61 0.00	56.45 1.11 0.00	57.13 0.87 0.00
RANKINE____ 23646	41.14 -0.44 0.00	45.23 -0.99 0.00	36.24 -1.26 0.00	32.28 -1.79 0.00	32.85 -1.68 0.00	32.83 -1.19 0.00	37.07 -1.23 0.00	42.65 -0.87 0.00	55.58 -0.74 0.00	59.04 -0.39 0.00	52.26 -0.59 0.00	41.19 -0.56 0.00	37.72 -1.08 0.00	37.45 -1.02 0.00	40.93 -0.47 0.00	46.09 -0.96 0.00	48.93 -1.29 0.00	46.37 -0.90 0.00	40.65 -1.22 0.00	47.82 -1.66 0.00	46.62 -1.59 0.00	49.48 -1.29 0.00	55.27 -0.07 0.00	57.00 0.74 0.00
RAVENSWOOD_GT2_1 24244	42.27 0.69 0.00	47.12 0.91 0.00	38.31 0.80 0.00	34.91 0.85 0.00	35.34 0.80 0.00	34.93 0.91 0.00	39.24 0.95 0.00	44.34 0.83 0.00	57.34 1.02 0.00	60.69 1.26 0.00	54.15 1.31 0.00	42.85 1.09 0.00	40.17 1.37 0.00	39.85 1.38 0.00	42.68 1.29 0.00	48.55 1.50 0.00	51.81 1.59 0.00	49.02 1.75 0.00	43.46 1.59 0.00	51.56 2.09 0.00	50.30 2.09 0.00	52.86 2.09 0.00	56.92 1.58 0.00	57.56 1.30 0.00

RAVENSWOOD_GT2_2 24245	42.27 0.69 0.00	47.12 0.91 0.00	38.31 0.80 0.00	34.91 0.85 0.00	35.34 0.80 0.00	34.93 0.91 0.00	39.24 0.95 0.00	44.34 0.83 0.00	57.34 1.02 0.00	60.69 1.26 0.00	54.15 1.31 0.00	42.85 1.09 0.00	40.17 1.37 0.00	39.85 1.38 0.00	42.68 1.29 0.00	48.55 1.50 0.00	51.81 1.59 0.00	49.02 1.75 0.00	43.46 1.59 0.00	51.56 2.09 0.00	50.30 2.09 0.00	52.86 2.09 0.00	56.92 1.58 0.00	57.56 1.30 0.00
RAVENSWOOD_GT2_3 24246	42.29 0.71 0.00	47.14 0.93 0.00	38.32 0.81 0.00	34.93 0.87 0.00	35.35 0.82 0.00	34.94 0.92 0.00	39.26 0.96 0.00	44.37 0.85 0.00	57.37 1.05 0.00	60.71 1.27 0.00	54.18 1.33 0.00	42.86 1.11 0.00	40.17 1.38 0.00	39.87 1.40 0.00	42.70 1.31 0.00	48.56 1.52 0.00	51.83 1.61 0.00	49.04 1.77 0.00	43.49 1.62 0.00	51.57 2.10 0.00	50.32 2.10 0.00	52.88 2.11 0.00	56.95 1.61 0.00	57.60 1.33 0.00
RAVENSWOOD_GT2_4 24247	42.29 0.71 0.00	47.14 0.93 0.00	38.32 0.81 0.00	34.93 0.87 0.00	35.35 0.82 0.00	34.94 0.92 0.00	39.26 0.96 0.00	44.37 0.85 0.00	57.37 1.05 0.00	60.71 1.27 0.00	54.18 1.33 0.00	42.86 1.11 0.00	40.17 1.38 0.00	39.87 1.40 0.00	42.70 1.31 0.00	48.56 1.52 0.00	51.83 1.61 0.00	49.04 1.77 0.00	43.49 1.62 0.00	51.57 2.10 0.00	50.32 2.10 0.00	52.88 2.11 0.00	56.95 1.61 0.00	57.60 1.33 0.00
RAVENSWOOD_GT3_1 24248	42.28 0.70 0.00	47.12 0.91 0.00	38.31 0.80 0.00	34.91 0.85 0.00	35.34 0.80 0.00	34.93 0.91 0.00	39.24 0.95 0.00	44.34 0.83 0.00	57.34 1.02 0.00	60.69 1.26 0.00	54.15 1.31 0.00	42.85 1.10 0.00	40.17 1.37 0.00	39.85 1.38 0.00	42.68 1.29 0.00	48.55 1.50 0.00	51.81 1.59 0.00	49.02 1.75 0.00	43.46 1.59 0.00	51.56 2.09 0.00	50.30 2.09 0.00	52.86 2.09 0.00	56.93 1.59 0.00	57.57 1.31 0.00
RAVENSWOOD_GT3_2 24249	42.28 0.70 0.00	47.12 0.91 0.00	38.31 0.80 0.00	34.91 0.85 0.00	35.34 0.80 0.00	34.93 0.91 0.00	39.24 0.95 0.00	44.34 0.83 0.00	57.34 1.02 0.00	60.69 1.26 0.00	54.15 1.31 0.00	42.85 1.10 0.00	40.17 1.37 0.00	39.85 1.38 0.00	42.68 1.29 0.00	48.55 1.50 0.00	51.81 1.59 0.00	49.02 1.75 0.00	43.46 1.59 0.00	51.56 2.09 0.00	50.30 2.09 0.00	52.86 2.09 0.00	56.93 1.59 0.00	57.57 1.31 0.00
RAVENSWOOD_GT3_3 24250	42.34 0.75 0.00	47.19 0.97 0.00	38.35 0.85 0.00	34.96 0.89 0.00	35.37 0.84 0.00	34.97 0.95 0.00	39.30 1.00 0.00	44.41 0.90 0.00	57.43 1.11 0.00	60.78 1.34 0.00	54.24 1.39 0.00	42.91 1.15 0.00	40.21 1.42 0.00	39.91 1.44 0.00	42.75 1.35 0.00	48.63 1.58 0.00	51.89 1.67 0.00	49.10 1.83 0.00	43.53 1.66 0.00	51.63 2.15 0.00	50.37 2.16 0.00	52.93 2.16 0.00	57.02 1.67 0.00	57.66 1.40 0.00
RAVENSWOOD_GT3_4 24251	42.34 0.75 0.00	47.19 0.97 0.00	38.35 0.85 0.00	34.96 0.89 0.00	35.37 0.84 0.00	34.97 0.95 0.00	39.30 1.00 0.00	44.41 0.90 0.00	57.43 1.11 0.00	60.78 1.34 0.00	54.24 1.39 0.00	42.91 1.15 0.00	40.21 1.42 0.00	39.91 1.44 0.00	42.75 1.35 0.00	48.63 1.58 0.00	51.89 1.67 0.00	49.10 1.83 0.00	43.53 1.66 0.00	51.63 2.15 0.00	50.37 2.16 0.00	52.93 2.16 0.00	57.02 1.67 0.00	57.66 1.40 0.00
RAVENSWOOD_GT_1 23729	45.62 0.88 -3.16	48.61 1.07 -1.33	41.49 0.95 -3.03	38.80 1.00 -3.73	39.11 0.93 -3.65	38.80 1.06 -3.72	42.23 1.10 -2.83	46.37 0.94 -1.91	57.71 1.18 -0.21	60.91 1.45 -0.02	54.94 1.51 -0.58	46.00 1.24 -3.00	43.62 1.52 -3.29	43.50 1.53 -3.50	45.58 1.45 -2.73	51.03 1.68 -2.31	54.40 1.76 -2.41	51.44 1.94 -2.23	46.39 1.74 -2.78	53.92 2.23 -2.22	53.37 2.22 -2.94	55.24 2.22 -2.25	58.04 1.71 -0.99	58.82 1.43 -1.12
RAVENSWOOD_GT_10 24258	42.63 0.69 -0.36	47.27 0.90 -0.15	38.65 0.80 -0.35	35.34 0.84 -0.43	35.75 0.80 -0.42	35.35 0.90 -0.43	39.57 0.94 -0.33	44.57 0.83 -0.22	57.36 1.02 -0.02	60.69 1.25 0.00	54.22 1.31 -0.07	43.20 1.09 -0.34	40.54 1.36 -0.38	40.25 1.38 -0.40	42.99 1.29 -0.31	48.82 1.50 -0.27	52.08 1.58 -0.28	49.28 1.75 -0.26	43.78 1.59 -0.32	51.81 2.09 -0.25	50.64 2.09 -0.34	53.12 2.09 -0.26	57.04 1.58 -0.11	57.69 1.30 -0.13
RAVENSWOOD_GT_11 24259	42.63 0.69 -0.36	47.27 0.90 -0.15	38.65 0.80 -0.35	35.34 0.84 -0.43	35.75 0.80 -0.42	35.35 0.90 -0.43	39.57 0.94 -0.33	44.57 0.83 -0.22	57.36 1.02 -0.02	60.69 1.25 0.00	54.22 1.31 -0.07	43.20 1.09 -0.34	40.54 1.36 -0.38	40.25 1.38 -0.40	42.99 1.29 -0.31	48.82 1.50 -0.27	52.08 1.58 -0.28	49.28 1.75 -0.26	43.78 1.59 -0.32	51.81 2.09 -0.25	50.64 2.09 -0.34	53.12 2.09 -0.26	57.04 1.58 -0.11	57.69 1.30 -0.13
RAVENSWOOD_GT_4 24252	44.65 0.67 -2.40	48.11 0.88 -1.01	40.59 0.78 -2.30	37.73 0.83 -2.84	38.09 0.78 -2.78	37.73 0.89 -2.83	41.38 0.93 -2.16	45.80 0.83 -1.46	57.49 1.01 -0.16	60.69 1.24 -0.01	54.57 1.28 -0.44	45.10 1.07 -2.28	42.65 1.34 -2.51	42.50 1.36 -2.67	44.74 1.26 -2.08	50.29 1.48 -1.76	53.62 1.57 -1.84	50.70 1.73 -1.70	45.56 1.58 -2.12	53.23 2.07 -1.69	52.53 2.08 -2.23	54.56 2.08 -1.71	57.67 1.58 -0.75	58.42 1.30 -0.86
RAVENSWOOD_GT_5 24254	44.65 0.67 -2.40	48.11 0.88 -1.01	40.59 0.78 -2.30	37.73 0.83 -2.84	38.09 0.78 -2.78	37.73 0.89 -2.83	41.38 0.93 -2.16	45.80 0.83 -1.46	57.49 1.01 -0.16	60.69 1.24 -0.01	54.57 1.28 -0.44	45.10 1.07 -2.28	42.65 1.34 -2.51	42.50 1.36 -2.67	44.74 1.26 -2.08	50.29 1.48 -1.76	53.62 1.57 -1.84	50.70 1.73 -1.70	45.56 1.58 -2.12	53.23 2.07 -1.69	52.53 2.08 -2.23	54.56 2.08 -1.71	57.67 1.58 -0.75	58.42 1.30 -0.86
RAVENSWOOD_GT_6 24253	44.65 0.67 -2.40	48.11 0.88 -1.01	40.59 0.78 -2.30	37.73 0.83 -2.84	38.09 0.78 -2.78	37.73 0.89 -2.83	41.38 0.93 -2.16	45.80 0.83 -1.46	57.49 1.01 -0.16	60.69 1.24 -0.01	54.57 1.28 -0.44	45.10 1.07 -2.28	42.65 1.34 -2.51	42.50 1.36 -2.67	44.74 1.26 -2.08	50.29 1.48 -1.76	53.62 1.57 -1.84	50.70 1.73 -1.70	45.56 1.58 -2.12	53.23 2.07 -1.69	52.53 2.08 -2.23	54.56 2.08 -1.71	57.67 1.58 -0.75	58.42 1.30 -0.86
RAVENSWOOD_GT_7 24255	44.65 0.67 -2.40	48.11 0.88 -1.01	40.59 0.78 -2.30	37.73 0.83 -2.84	38.09 0.78 -2.78	37.73 0.89 -2.83	41.38 0.93 -2.16	45.80 0.83 -1.46	57.49 1.01 -0.16	60.69 1.24 -0.01	54.57 1.28 -0.44	45.10 1.07 -2.28	42.65 1.34 -2.51	42.50 1.36 -2.67	44.74 1.26 -2.08	50.29 1.48 -1.76	53.62 1.57 -1.84	50.70 1.73 -1.70	45.56 1.58 -2.12	53.23 2.07 -1.69	52.53 2.08 -2.23	54.56 2.08 -1.71	57.67 1.58 -0.75	58.42 1.30 -0.86
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	42.63 0.69 -0.36	47.27 0.90 -0.15	38.65 0.80 -0.35	35.34 0.84 -0.43	35.75 0.80 -0.42	35.35 0.90 -0.43	39.57 0.94 -0.33	44.57 0.83 -0.22	57.36 1.02 -0.02	60.69 1.25 0.00	54.22 1.31 -0.07	43.20 1.09 -0.34	40.54 1.36 -0.38	40.25 1.38 -0.40	42.99 1.29 -0.31	48.82 1.50 -0.27	52.08 1.58 -0.28	49.28 1.75 -0.26	43.78 1.59 -0.32	51.81 2.09 -0.25	50.64 2.09 -0.34	53.12 2.09 -0.26	57.04 1.58 -0.11	57.69 1.30 -0.13

RAVENSWOOD_GT_9 24257	42.63 0.69 -0.36	47.27 0.90 -0.15	38.65 0.80 -0.35	35.34 0.84 -0.43	35.75 0.80 -0.42	35.35 0.90 -0.43	39.57 0.94 -0.33	44.57 0.83 -0.22	57.36 1.02 -0.02	60.69 1.25 0.00	54.22 1.31 -0.07	43.20 1.09 -0.34	40.54 1.36 -0.38	40.25 1.38 -0.40	42.99 1.29 -0.31	48.82 1.50 -0.27	52.08 1.58 -0.28	49.28 1.75 -0.26	43.78 1.59 -0.32	51.81 2.09 -0.25	50.64 2.09 -0.34	53.12 2.09 -0.26	57.04 1.58 -0.11	57.69 1.30 -0.13
RAVENSWOOD___1 23533	39.31 0.82 3.10	45.93 1.02 1.31	35.43 0.90 2.98	31.35 0.96 3.67	31.83 0.89 3.59	31.38 1.02 3.66	36.55 1.04 2.79	42.52 0.89 1.88	57.21 1.10 0.20	60.78 1.36 0.02	53.70 1.43 0.57	40.00 1.19 2.95	37.02 1.46 3.24	36.51 1.48 3.45	40.10 1.40 2.69	46.38 1.60 2.27	49.54 1.70 2.37	46.95 1.87 2.20	40.82 1.69 2.74	49.45 2.17 2.18	47.49 2.17 2.89	50.71 2.16 2.21	56.03 1.66 0.97	56.52 1.36 1.11
RAVENSWOOD___2 23534	39.31 0.82 3.10	45.93 1.02 1.31	35.43 0.90 2.98	31.35 0.96 3.67	31.83 0.89 3.59	31.38 1.02 3.66	36.55 1.04 2.79	42.52 0.89 1.88	57.21 1.10 0.20	60.78 1.36 0.02	53.70 1.43 0.57	40.00 1.19 2.95	37.02 1.46 3.24	36.51 1.48 3.45	40.10 1.40 2.69	46.38 1.60 2.27	49.54 1.70 2.37	46.95 1.87 2.20	40.82 1.69 2.74	49.45 2.17 2.18	47.49 2.17 2.89	50.71 2.16 2.21	56.03 1.66 0.97	56.52 1.36 1.11
RAVENSWOOD___3 23535	42.28 0.70 0.00	47.12 0.91 0.00	38.31 0.80 0.00	34.91 0.85 0.00	35.34 0.81 0.00	34.93 0.91 0.00	39.24 0.95 0.00	44.36 0.84 0.00	57.35 1.03 0.00	60.69 1.25 0.00	54.16 1.31 0.00	42.86 1.10 0.00	40.17 1.38 0.00	39.86 1.39 0.00	42.68 1.29 0.00	48.55 1.50 0.00	51.81 1.59 0.00	49.02 1.75 0.00	43.48 1.61 0.00	51.56 2.09 0.00	50.31 2.10 0.00	52.86 2.09 0.00	56.94 1.60 0.00	57.57 1.31 0.00
RAVENSWOOD___4 23820	39.31 0.82 3.10	45.93 1.02 1.31	35.43 0.90 2.98	31.35 0.96 3.67	31.83 0.89 3.59	31.38 1.02 3.66	36.55 1.04 2.79	42.52 0.89 1.88	57.21 1.10 0.20	60.78 1.36 0.02	53.70 1.43 0.57	40.00 1.19 2.95	37.02 1.46 3.24	36.51 1.48 3.45	40.10 1.40 2.69	46.38 1.60 2.27	49.54 1.70 2.37	46.95 1.87 2.20	40.82 1.69 2.74	49.45 2.17 2.18	47.49 2.17 2.89	50.71 2.16 2.21	56.03 1.66 0.97	56.52 1.36 1.11
RCPI_TRUST___DRP 24196	42.20 0.62 0.00	47.06 0.85 0.00	38.26 0.76 0.00	34.87 0.81 0.00	35.29 0.76 0.00	34.88 0.86 0.00	39.19 0.90 0.00	44.31 0.79 0.00	57.27 0.95 0.00	60.63 1.19 0.00	54.08 1.23 0.00	42.77 1.02 0.00	40.10 1.30 0.00	39.79 1.32 0.00	42.61 1.22 0.00	48.47 1.42 0.00	51.72 1.50 0.00	48.93 1.66 0.00	43.40 1.53 0.00	51.49 2.02 0.00	50.23 2.02 0.00	52.78 2.01 0.00	56.86 1.51 0.00	57.48 1.22 0.00
RED___ROCHESTER 323720	41.52 -0.06 0.00	45.79 -0.42 0.00	36.85 -0.66 0.00	33.09 -0.97 0.00	33.63 -0.90 0.00	33.47 -0.55 0.00	37.82 -0.48 0.00	43.40 -0.11 0.00	56.56 0.24 0.00	60.01 0.58 0.00	53.15 0.30 0.00	41.88 0.12 0.00	38.44 -0.36 0.00	38.12 -0.35 0.00	41.48 0.08 0.00	46.86 -0.19 0.00	50.00 -0.23 0.00	47.23 -0.04 0.00	41.62 -0.25 0.00	49.05 -0.42 0.00	47.78 -0.44 0.00	50.42 -0.34 0.00	55.64 0.29 0.00	56.95 0.69 0.00
REGAN___SOLAR 323812	43.70 2.12 0.00	48.47 2.26 0.00	39.24 1.73 0.00	35.51 1.45 0.00	36.02 1.49 0.00	35.47 1.45 0.00	40.03 1.73 0.00	45.61 2.10 0.00	59.13 2.81 0.00	62.52 3.09 0.00	55.76 2.92 0.00	43.93 2.17 0.00	40.69 1.89 0.00	40.25 1.78 0.00	43.65 2.26 0.00	49.52 2.47 0.00	53.11 2.89 0.00	50.10 2.83 0.00	44.35 2.49 0.00	52.43 2.96 0.00	51.11 2.90 0.00	53.73 2.97 0.00	58.46 3.12 0.00	59.34 3.08 0.00
RENSSELAER___COGEN 23796	41.32 -0.26 0.00	46.02 -0.20 0.00	37.49 -0.02 0.00	34.17 0.11 0.00	34.72 0.19 0.00	34.17 0.15 0.00	38.17 -0.13 0.00	43.18 -0.34 0.00	55.83 -0.49 0.00	58.77 -0.67 0.00	52.27 -0.58 0.00	41.40 -0.36 0.00	38.68 -0.12 0.00	38.43 -0.04 0.00	41.15 -0.24 0.00	46.84 -0.20 0.00	50.10 -0.12 0.00	47.21 -0.06 0.00	41.91 0.04 0.00	49.53 0.06 0.00	48.27 0.06 0.00	50.76 -0.01 0.00	54.92 -0.42 0.00	55.51 -0.75 0.00
REPUBLIC_115KV_BARTNBRK 55605	44.28 2.70 0.00	49.68 3.46 0.00	40.33 2.83 0.00	36.53 2.47 0.00	37.21 2.68 0.00	36.77 2.75 0.00	41.35 3.06 0.00	46.68 3.17 0.00	60.29 3.97 0.00	63.27 3.83 0.00	56.43 3.58 0.00	44.79 3.03 0.00	41.88 3.08 0.00	41.93 3.46 0.00	44.81 3.41 0.00	51.08 4.03 0.00	54.60 4.38 0.00	52.00 4.73 0.00	46.27 4.40 0.00	54.31 4.84 0.00	52.35 4.13 0.00	54.96 4.19 0.00	59.26 3.92 0.00	59.57 3.31 0.00
REVERE_CPFR_DRP 24186	42.73 1.15 0.00	47.31 1.09 0.00	38.26 0.75 0.00	34.70 0.64 0.00	35.16 0.63 0.00	34.52 0.50 0.00	38.91 0.61 0.00	44.29 0.78 0.00	57.51 1.19 0.00	61.05 1.61 0.00	54.20 1.35 0.00	42.81 1.05 0.00	39.56 0.76 0.00	39.24 0.77 0.00	42.29 0.90 0.00	48.11 1.06 0.00	51.43 1.21 0.00	48.51 1.24 0.00	42.94 1.08 0.00	50.84 1.37 0.00	49.57 1.36 0.00	52.18 1.41 0.00	56.71 1.36 0.00	57.61 1.35 0.00
REYNOLDS_115KV_TB3 80639	41.43 -0.16 0.00	46.16 -0.06 0.00	37.61 0.10 0.00	34.28 0.22 0.00	34.84 0.31 0.00	34.32 0.31 0.00	38.39 0.10 0.00	43.45 -0.06 0.00	56.17 -0.15 0.00	59.05 -0.39 0.00	52.52 -0.32 0.00	41.62 -0.13 0.00	38.88 0.07 0.00	38.64 0.17 0.00	41.37 -0.02 0.00	47.10 0.05 0.00	50.37 0.15 0.00	47.47 0.20 0.00	42.16 0.29 0.00	49.78 0.31 0.00	48.53 0.31 0.00	51.03 0.27 0.00	55.20 -0.15 0.00	55.78 -0.48 0.00
RIVERBAY____ 323610	42.27 0.68 -0.01	47.15 0.94 0.00	38.38 0.87 0.00	34.97 0.91 -0.01	35.31 0.77 0.00	34.97 0.95 -0.01	39.30 1.00 0.00	44.48 0.97 0.00	57.41 1.09 0.00	60.78 1.34 0.00	54.27 1.42 0.00	42.91 1.15 0.00	40.21 1.42 0.00	39.90 1.43 0.00	42.74 1.34 0.00	48.60 1.55 0.00	51.84 1.62 0.00	49.13 1.86 0.00	43.48 1.61 0.00	51.48 2.01 0.00	50.23 2.01 0.00	52.79 2.02 0.00	56.82 1.48 0.00	57.51 1.25 0.00
RIVERSDE_115KV_TB3 55908	41.40 -0.18 0.00	46.12 -0.10 0.00	37.58 0.07 0.00	34.25 0.19 0.00	34.80 0.27 0.00	34.27 0.25 0.00	38.30 0.01 0.00	43.34 -0.17 0.00	56.03 -0.29 0.00	58.95 -0.48 0.00	52.44 -0.41 0.00	41.55 -0.21 0.00	38.83 0.03 0.00	38.58 0.10 0.00	41.30 -0.09 0.00	47.01 -0.04 0.00	50.28 0.05 0.00	47.38 0.10 0.00	42.07 0.20 0.00	49.70 0.22 0.00	48.44 0.22 0.00	50.93 0.16 0.00	55.09 -0.25 0.00	55.68 -0.58 0.00
ROARING___BROOK_WT_PWR 323790	41.69 0.11 0.00	46.25 0.03 0.00	37.51 0.00 0.00	33.98 -0.08 0.00	34.32 -0.21 0.00	33.62 -0.40 0.00	37.73 -0.57 0.00	42.99 -0.52 0.00	55.48 -0.84 0.00	58.39 -1.04 0.00	51.70 -1.14 0.00	40.90 -0.85 0.00	37.87 -0.93 0.00	37.50 -0.97 0.00	40.38 -1.01 0.00	45.85 -1.20 0.00	48.96 -1.27 0.00	45.88 -1.39 0.00	40.58 -1.29 0.00	47.87 -1.59 0.00	46.88 -1.33 0.00	49.56 -1.21 0.00	54.41 -0.94 0.00	55.64 -0.62 0.00

ROCHESRG_115KV_T4 355643	41.13 -0.46 0.00	45.36 -0.85 0.00	36.52 -0.99 0.00	32.79 -1.27 0.00	33.33 -1.20 0.00	33.16 -0.86 0.00	37.46 -0.83 0.00	42.98 -0.53 0.00	55.97 -0.35 0.00	59.36 -0.08 0.00	52.58 -0.26 0.00	41.43 -0.33 0.00	38.06 -0.74 0.00	37.75 -0.72 0.00	41.03 -0.36 0.00	46.37 -0.68 0.00	49.44 -0.79 0.00	46.71 -0.56 0.00	41.14 -0.72 0.00	48.47 -1.00 0.00	47.23 -0.99 0.00	49.86 -0.91 0.00	55.06 -0.28 0.00	56.38 0.12 0.00
ROCHESTER_9_IC 23652	41.33 -0.25 0.00	45.58 -0.63 0.00	36.69 -0.82 0.00	32.94 -1.12 0.00	33.48 -1.05 0.00	33.32 -0.70 0.00	37.65 -0.65 0.00	43.21 -0.30 0.00	56.29 -0.04 0.00	59.70 0.26 0.00	52.88 0.03 0.00	41.66 -0.10 0.00	38.25 -0.55 0.00	37.93 -0.54 0.00	41.25 -0.14 0.00	46.61 -0.44 0.00	49.73 -0.50 0.00	46.98 -0.29 0.00	41.40 -0.47 0.00	48.76 -0.71 0.00	47.51 -0.70 0.00	50.14 -0.63 0.00	55.35 0.01 0.00	56.67 0.40 0.00
ROCKVIEW_13_KV_LD 356306	42.32 0.74 0.00	47.18 0.96 0.00	38.33 0.82 0.00	34.93 0.87 0.00	35.36 0.83 0.00	34.94 0.93 0.00	39.27 0.98 0.00	44.40 0.88 0.00	57.38 1.06 0.00	60.71 1.27 0.00	54.18 1.33 0.00	42.86 1.11 0.00	40.17 1.38 0.00	39.87 1.40 0.00	42.70 1.31 0.00	48.60 1.55 0.00	51.87 1.65 0.00	49.07 1.80 0.00	43.56 1.69 0.00	51.66 2.19 0.00	50.43 2.21 0.00	52.99 2.22 0.00	57.09 1.74 0.00	57.71 1.45 0.00
ROME____115KV_TB2 80656	42.73 1.15 0.00	47.31 1.09 0.00	38.26 0.75 0.00	34.70 0.64 0.00	35.16 0.63 0.00	34.52 0.50 0.00	38.91 0.61 0.00	44.29 0.78 0.00	57.51 1.19 0.00	61.05 1.61 0.00	54.20 1.35 0.00	42.81 1.05 0.00	39.56 0.76 0.00	39.24 0.77 0.00	42.29 0.90 0.00	48.11 1.06 0.00	51.43 1.21 0.00	48.51 1.24 0.00	42.94 1.08 0.00	50.84 1.37 0.00	49.57 1.36 0.00	52.18 1.41 0.00	56.71 1.36 0.00	57.61 1.35 0.00
ROSETON___1 23587	41.88 0.30 0.00	46.68 0.46 0.00	37.95 0.45 0.00	34.57 0.50 0.00	35.01 0.48 0.00	34.56 0.55 0.00	38.85 0.55 0.00	43.96 0.45 0.00	56.87 0.55 0.00	60.08 0.64 0.00	53.56 0.72 0.00	42.36 0.60 0.00	39.65 0.85 0.00	39.36 0.89 0.00	42.19 0.79 0.00	48.00 0.95 0.00	51.25 1.02 0.00	48.45 1.18 0.00	42.99 1.12 0.00	50.96 1.49 0.00	49.72 1.51 0.00	52.27 1.50 0.00	56.39 1.05 0.00	57.03 0.77 0.00
ROSETON___2 23588	41.88 0.30 0.00	46.68 0.46 0.00	37.95 0.45 0.00	34.57 0.50 0.00	35.01 0.48 0.00	34.56 0.55 0.00	38.85 0.55 0.00	43.96 0.45 0.00	56.87 0.55 0.00	60.08 0.64 0.00	53.56 0.72 0.00	42.36 0.60 0.00	39.65 0.85 0.00	39.36 0.89 0.00	42.19 0.79 0.00	48.00 0.95 0.00	51.25 1.02 0.00	48.45 1.18 0.00	42.99 1.12 0.00	50.96 1.49 0.00	49.72 1.51 0.00	52.27 1.50 0.00	56.39 1.05 0.00	57.03 0.77 0.00
ROTRRDAM_115KV_TB3 80664	41.99 0.41 0.00	46.73 0.52 0.00	37.99 0.48 0.00	34.56 0.50 0.00	35.06 0.54 0.00	34.54 0.52 0.00	38.85 0.55 0.00	44.07 0.55 0.00	57.03 0.71 0.00	60.13 0.70 0.00	53.51 0.67 0.00	42.30 0.54 0.00	39.43 0.63 0.00	39.13 0.66 0.00	42.04 0.65 0.00	47.83 0.79 0.00	51.11 0.88 0.00	48.20 0.93 0.00	42.74 0.87 0.00	50.51 1.04 0.00	49.24 1.03 0.00	51.79 1.02 0.00	56.17 0.83 0.00	56.90 0.64 0.00
RUSSELL___1 23602	41.52 -0.06 0.00	45.79 -0.42 0.00	36.85 -0.66 0.00	33.09 -0.97 0.00	33.62 -0.90 0.00	33.47 -0.55 0.00	37.81 -0.48 0.00	43.41 -0.11 0.00	56.56 0.24 0.00	60.02 0.58 0.00	53.15 0.30 0.00	41.89 0.13 0.00	38.44 -0.36 0.00	38.12 -0.35 0.00	41.48 0.09 0.00	46.86 -0.19 0.00	50.00 -0.23 0.00	47.25 -0.02 0.00	41.62 -0.25 0.00	49.05 -0.42 0.00	47.78 -0.43 0.00	50.42 -0.34 0.00	55.63 0.29 0.00	56.95 0.69 0.00
RUSSELL___2 23532	41.52 -0.06 0.00	45.79 -0.42 0.00	36.85 -0.66 0.00	33.09 -0.97 0.00	33.62 -0.90 0.00	33.47 -0.55 0.00	37.81 -0.48 0.00	43.41 -0.11 0.00	56.56 0.24 0.00	60.02 0.58 0.00	53.15 0.30 0.00	41.89 0.13 0.00	38.44 -0.36 0.00	38.12 -0.35 0.00	41.48 0.09 0.00	46.86 -0.19 0.00	50.00 -0.23 0.00	47.25 -0.02 0.00	41.62 -0.25 0.00	49.05 -0.42 0.00	47.78 -0.43 0.00	50.42 -0.34 0.00	55.63 0.29 0.00	56.95 0.69 0.00
RUSSELL___3 23549	41.52 -0.06 0.00	45.79 -0.42 0.00	36.85 -0.66 0.00	33.09 -0.97 0.00	33.62 -0.90 0.00	33.47 -0.55 0.00	37.81 -0.48 0.00	43.41 -0.11 0.00	56.56 0.24 0.00	60.02 0.58 0.00	53.15 0.30 0.00	41.89 0.13 0.00	38.44 -0.36 0.00	38.12 -0.35 0.00	41.48 0.09 0.00	46.86 -0.19 0.00	50.00 -0.23 0.00	47.25 -0.02 0.00	41.62 -0.25 0.00	49.05 -0.42 0.00	47.78 -0.43 0.00	50.42 -0.34 0.00	55.63 0.29 0.00	56.95 0.69 0.00
RUSSELL___4 23556	41.52 -0.06 0.00	45.79 -0.42 0.00	36.85 -0.66 0.00	33.09 -0.97 0.00	33.62 -0.90 0.00	33.47 -0.55 0.00	37.81 -0.48 0.00	43.41 -0.11 0.00	56.56 0.24 0.00	60.02 0.58 0.00	53.15 0.30 0.00	41.89 0.13 0.00	38.44 -0.36 0.00	38.12 -0.35 0.00	41.48 0.09 0.00	46.86 -0.19 0.00	50.00 -0.23 0.00	47.25 -0.02 0.00	41.62 -0.25 0.00	49.05 -0.42 0.00	47.78 -0.43 0.00	50.42 -0.34 0.00	55.63 0.29 0.00	56.95 0.69 0.00
RUSSELL___STATION 23914	41.52 -0.06 0.00	45.79 -0.42 0.00	36.85 -0.66 0.00	33.09 -0.97 0.00	33.62 -0.90 0.00	33.47 -0.55 0.00	37.81 -0.48 0.00	43.41 -0.11 0.00	56.56 0.24 0.00	60.02 0.58 0.00	53.15 0.30 0.00	41.89 0.13 0.00	38.44 -0.36 0.00	38.12 -0.35 0.00	41.48 0.09 0.00	46.86 -0.19 0.00	50.00 -0.23 0.00	47.25 -0.02 0.00	41.62 -0.25 0.00	49.05 -0.42 0.00	47.78 -0.43 0.00	50.42 -0.34 0.00	55.63 0.29 0.00	56.95 0.69 0.00
S SALMON___HYD 24043	41.11 -0.48 0.00	45.48 -0.73 0.00	36.77 -0.73 0.00	33.31 -0.75 0.00	33.78 -0.75 0.00	33.04 -0.98 0.00	37.25 -1.05 0.00	42.48 -1.04 0.00	55.02 -1.31 0.00	58.35 -1.09 0.00	51.70 -1.15 0.00	40.79 -0.96 0.00	37.79 -1.01 0.00	37.08 -1.39 0.00	39.87 -1.52 0.00	45.58 -1.47 0.00	48.95 -1.27 0.00	46.22 -1.05 0.00	40.92 -0.95 0.00	48.32 -1.15 0.00	47.29 -0.92 0.00	49.86 -0.91 0.00	54.21 -1.13 0.00	55.21 -1.05 0.00
S.PERRY__115KV_TB1 80734	41.99 0.41 0.00	46.21 -0.01 0.00	36.99 -0.51 0.00	33.14 -0.92 0.00	33.65 -0.88 0.00	33.39 -0.62 0.00	37.72 -0.57 0.00	43.29 -0.22 0.00	56.39 0.07 0.00	59.85 0.42 0.00	52.65 -0.20 0.00	40.93 -0.83 0.00	37.93 -0.87 0.00	37.50 -0.96 0.00	40.54 -0.85 0.00	45.96 -1.09 0.00	49.56 -0.66 0.00	47.29 0.02 0.00	41.84 -0.03 0.00	49.56 0.09 0.00	48.37 0.16 0.00	51.19 0.42 0.00	56.64 1.30 0.00	58.14 1.88 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	40.84 -0.74 0.00	44.87 -1.35 0.00	35.95 -1.56 0.00	32.01 -2.05 0.00	32.59 -1.94 0.00	32.58 -1.43 0.00	36.79 -1.51 0.00	42.36 -1.15 0.00	55.25 -1.07 0.00	58.70 -0.74 0.00	51.97 -0.88 0.00	40.96 -0.80 0.00	37.48 -1.32 0.00	37.21 -1.26 0.00	40.65 -0.75 0.00	45.77 -1.28 0.00	48.58 -1.65 0.00	46.00 -1.27 0.00	40.30 -1.57 0.00	47.38 -2.09 0.00	46.20 -2.02 0.00	49.02 -1.75 0.00	54.79 -0.55 0.00	56.53 0.27 0.00

SAWYER___23_KV_LOAD 55526	40.84 -0.74 0.00	44.87 -1.35 0.00	35.95 -1.56 0.00	32.01 -2.05 0.00	32.59 -1.94 0.00	32.58 -1.43 0.00	36.79 -1.51 0.00	42.36 -1.15 0.00	55.25 -1.07 0.00	58.70 -0.74 0.00	51.97 -0.88 0.00	40.96 -0.80 0.00	37.48 -1.32 0.00	37.21 -1.26 0.00	40.65 -0.75 0.00	45.77 -1.28 0.00	48.58 -1.65 0.00	46.00 -1.27 0.00	40.30 -1.57 0.00	47.38 -2.09 0.00	46.20 -2.02 0.00	49.02 -1.75 0.00	54.79 -0.55 0.00	56.53 0.27 0.00
SELKIRK___I 23801	41.73 0.15 0.00	46.46 0.25 0.00	37.83 0.33 0.00	34.47 0.41 0.00	35.00 0.46 0.00	34.45 0.44 0.00	38.59 0.29 0.00	43.71 0.20 0.00	56.51 0.19 0.00	59.48 0.05 0.00	52.84 0.00 0.00	41.81 0.05 0.00	39.02 0.22 0.00	38.74 0.27 0.00	41.48 0.09 0.00	47.30 0.25 0.00	50.58 0.36 0.00	47.66 0.39 0.00	42.31 0.44 0.00	50.01 0.54 0.00	48.75 0.53 0.00	51.27 0.50 0.00	55.53 0.19 0.00	56.22 -0.04 0.00
SELKIRK___II 23799	41.49 -0.09 0.00	46.20 -0.02 0.00	37.62 0.11 0.00	34.28 0.22 0.00	34.80 0.27 0.00	34.26 0.24 0.00	38.36 0.06 0.00	43.43 -0.08 0.00	56.17 -0.15 0.00	59.17 -0.26 0.00	52.63 -0.22 0.00	41.65 -0.10 0.00	38.90 0.10 0.00	38.63 0.16 0.00	41.40 0.00 0.00	47.13 0.08 0.00	50.38 0.15 0.00	47.47 0.20 0.00	42.14 0.27 0.00	49.81 0.34 0.00	48.57 0.35 0.00	51.07 0.30 0.00	55.28 -0.06 0.00	55.95 -0.31 0.00
SENECA OSWGO___HYD 24041	40.95 -0.63 0.00	45.42 -0.80 0.00	36.80 -0.70 0.00	33.34 -0.72 0.00	33.83 -0.70 0.00	33.39 -0.63 0.00	37.62 -0.67 0.00	42.84 -0.68 0.00	55.55 -0.77 0.00	58.74 -0.69 0.00	52.22 -0.62 0.00	41.17 -0.59 0.00	38.22 -0.57 0.00	37.87 -0.60 0.00	40.81 -0.59 0.00	46.39 -0.66 0.00	49.58 -0.65 0.00	46.77 -0.50 0.00	41.38 -0.49 0.00	48.90 -0.57 0.00	47.65 -0.57 0.00	50.13 -0.64 0.00	54.63 -0.71 0.00	55.56 -0.70 0.00
SENECA___115KV_TB3 355854	41.21 -0.37 0.00	45.29 -0.92 0.00	36.29 -1.21 0.00	32.31 -1.75 0.00	32.90 -1.63 0.00	32.87 -1.14 0.00	37.12 -1.18 0.00	42.71 -0.81 0.00	55.66 -0.66 0.00	59.12 -0.31 0.00	52.35 -0.49 0.00	41.26 -0.50 0.00	37.77 -1.03 0.00	37.50 -0.96 0.00	40.98 -0.41 0.00	46.18 -0.87 0.00	49.01 -1.22 0.00	46.45 -0.82 0.00	40.73 -1.14 0.00	47.89 -1.58 0.00	46.70 -1.52 0.00	49.57 -1.20 0.00	55.35 0.00 0.00	57.09 0.83 0.00
SENECA___ENERGY 23797	41.29 -0.30 0.00	45.71 -0.50 0.00	36.90 -0.61 0.00	33.29 -0.77 0.00	33.79 -0.74 0.00	33.43 -0.58 0.00	37.76 -0.54 0.00	43.08 -0.43 0.00	55.86 -0.46 0.00	59.17 -0.26 0.00	52.64 -0.21 0.00	41.45 -0.31 0.00	38.47 -0.33 0.00	38.04 -0.43 0.00	41.15 -0.24 0.00	46.68 -0.37 0.00	49.90 -0.33 0.00	47.23 -0.04 0.00	41.80 -0.07 0.00	49.43 -0.04 0.00	48.21 -0.01 0.00	50.74 -0.03 0.00	55.41 0.06 0.00	56.54 0.28 0.00
SHOEMAKER___GT 23640	41.86 0.28 0.00	46.62 0.40 0.00	37.89 0.38 0.00	34.48 0.42 0.00	34.93 0.40 0.00	34.47 0.45 0.00	38.77 0.47 0.00	43.89 0.37 0.00	56.78 0.46 0.00	60.00 0.56 0.00	53.51 0.66 0.00	42.28 0.52 0.00	39.55 0.75 0.00	39.24 0.77 0.00	42.08 0.69 0.00	47.90 0.85 0.00	51.14 0.92 0.00	48.34 1.07 0.00	42.88 1.01 0.00	50.84 1.37 0.00	49.62 1.40 0.00	52.17 1.40 0.00	56.36 1.01 0.00	57.05 0.79 0.00
SHOEMAKR_138KV_BK 111 55601	41.84 0.26 0.00	46.60 0.38 0.00	37.86 0.36 0.00	34.47 0.41 0.00	34.91 0.38 0.00	34.45 0.43 0.00	38.75 0.45 0.00	43.86 0.35 0.00	56.76 0.44 0.00	59.97 0.53 0.00	53.47 0.62 0.00	42.25 0.50 0.00	39.54 0.74 0.00	39.22 0.75 0.00	42.06 0.67 0.00	47.87 0.82 0.00	51.12 0.90 0.00	48.31 1.04 0.00	42.85 0.98 0.00	50.80 1.33 0.00	49.59 1.38 0.00	52.14 1.37 0.00	56.33 0.99 0.00	57.01 0.76 0.00
SHOREHAM_IC_1 23715	41.20 -0.38 0.00	46.02 -0.19 0.00	37.34 -0.17 0.00	34.10 0.04 0.00	34.32 -0.22 0.00	33.81 -0.21 0.00	38.40 0.10 0.00	43.40 -0.11 0.00	55.78 -0.54 0.00	59.65 0.09 -0.13	56.03 0.37 -2.81	42.29 0.43 -0.10	41.09 0.94 -1.35	40.62 0.99 -1.16	41.16 0.57 0.79	45.24 0.83 2.64	47.61 0.76 3.38	49.84 0.94 -1.62	42.46 0.75 0.16	54.34 0.92 -3.96	53.94 1.32 -4.41	57.72 1.58 -5.38	62.46 1.05 -6.07	58.37 0.70 -1.42
SHOREHAM_IC_2 23716	41.20 -0.38 0.00	46.02 -0.19 0.00	37.34 -0.17 0.00	34.10 0.04 0.00	34.32 -0.22 0.00	33.81 -0.21 0.00	38.40 0.10 0.00	43.40 -0.11 0.00	55.78 -0.54 0.00	59.65 0.09 -0.13	56.03 0.37 -2.81	42.29 0.43 -0.10	41.09 0.94 -1.35	40.62 0.99 -1.16	41.16 0.57 0.79	45.24 0.83 2.64	47.61 0.76 3.38	49.84 0.94 -1.62	42.46 0.75 0.16	54.34 0.92 -3.96	53.94 1.32 -4.41	57.72 1.58 -5.38	62.46 1.05 -6.07	58.37 0.70 -1.42
SISSONVILLE___ 23735	41.82 0.23 0.00	46.42 0.21 0.00	37.60 0.10 0.00	34.15 0.09 0.00	34.53 0.00 0.00	33.85 -0.17 0.00	38.27 -0.03 0.00	43.57 0.06 0.00	56.32 0.00 0.00	59.03 -0.40 0.00	52.42 -0.43 0.00	41.44 -0.32 0.00	38.19 -0.61 0.00	37.65 -0.82 0.00	40.39 -1.00 0.00	46.01 -1.04 0.00	49.16 -1.06 0.00	51.55 -1.39 -5.67	40.62 -1.25 0.00	47.88 -1.59 0.00	46.83 -1.39 0.00	49.49 -1.28 0.00	54.60 -0.75 0.00	55.85 -0.41 0.00
SITHE_IND_GS1 24169	40.74 -0.84 0.00	45.22 -0.99 0.00	36.64 -0.87 0.00	33.21 -0.85 0.00	33.67 -0.86 0.00	33.23 -0.78 0.00	37.45 -0.85 0.00	42.62 -0.90 0.00	55.22 -1.10 0.00	58.36 -1.07 0.00	51.87 -0.98 0.00	40.93 -0.82 0.00	37.98 -0.82 0.00	37.65 -0.82 0.00	40.58 -0.81 0.00	46.10 -0.95 0.00	49.18 -1.04 0.00	46.40 -0.87 0.00	41.06 -0.81 0.00	48.53 -0.94 0.00	47.29 -0.93 0.00	49.76 -1.01 0.00	54.29 -1.05 0.00	55.25 -1.01 0.00
SITHE_IND_GS2 24170	40.74 -0.84 0.00	45.22 -0.99 0.00	36.64 -0.87 0.00	33.21 -0.85 0.00	33.67 -0.86 0.00	33.23 -0.78 0.00	37.45 -0.85 0.00	42.62 -0.90 0.00	55.22 -1.10 0.00	58.36 -1.07 0.00	51.87 -0.98 0.00	40.93 -0.82 0.00	37.98 -0.82 0.00	37.65 -0.82 0.00	40.58 -0.81 0.00	46.10 -0.95 0.00	49.18 -1.04 0.00	46.40 -0.87 0.00	41.06 -0.81 0.00	48.53 -0.94 0.00	47.29 -0.93 0.00	49.76 -1.01 0.00	54.29 -1.05 0.00	55.25 -1.01 0.00
SITHE_IND_GS3 24171	40.74 -0.84 0.00	45.22 -0.99 0.00	36.64 -0.87 0.00	33.21 -0.85 0.00	33.67 -0.86 0.00	33.23 -0.78 0.00	37.45 -0.85 0.00	42.62 -0.90 0.00	55.22 -1.10 0.00	58.36 -1.07 0.00	51.87 -0.98 0.00	40.93 -0.82 0.00	37.98 -0.82 0.00	37.65 -0.82 0.00	40.58 -0.81 0.00	46.10 -0.95 0.00	49.18 -1.04 0.00	46.40 -0.87 0.00	41.06 -0.81 0.00	48.53 -0.94 0.00	47.29 -0.93 0.00	49.76 -1.01 0.00	54.29 -1.05 0.00	55.25 -1.01 0.00
SITHE_IND_GS4 24172	40.74 -0.84 0.00	45.22 -0.99 0.00	36.64 -0.87 0.00	33.21 -0.85 0.00	33.67 -0.86 0.00	33.23 -0.78 0.00	37.45 -0.85 0.00	42.62 -0.90 0.00	55.22 -1.10 0.00	58.36 -1.07 0.00	51.87 -0.98 0.00	40.93 -0.82 0.00	37.98 -0.82 0.00	37.65 -0.82 0.00	40.58 -0.81 0.00	46.10 -0.95 0.00	49.18 -1.04 0.00	46.40 -0.87 0.00	41.06 -0.81 0.00	48.53 -0.94 0.00	47.29 -0.93 0.00	49.76 -1.01 0.00	54.29 -1.05 0.00	55.25 -1.01 0.00

SITHE___BATAVIA 24024	41.83 0.24 0.00	45.97 -0.24 0.00	36.89 -0.61 0.00	32.95 -1.11 0.00	33.55 -0.98 0.00	33.52 -0.50 0.00	37.83 -0.46 0.00	43.48 -0.03 0.00	56.77 0.44 0.00	60.32 0.88 0.00	53.21 0.36 0.00	41.82 0.07 0.00	38.07 -0.74 0.00	37.75 -0.72 0.00	41.34 -0.05 0.00	46.64 -0.41 0.00	49.74 -0.48 0.00	47.14 -0.13 0.00	41.46 -0.41 0.00	48.80 -0.67 0.00	47.55 -0.67 0.00	50.33 -0.44 0.00	55.97 0.63 0.00	57.57 1.31 0.00
SITHE___INDEPEND 23800	40.74 -0.84 0.00	45.22 -0.99 0.00	36.64 -0.87 0.00	33.20 -0.86 0.00	33.67 -0.86 0.00	33.23 -0.79 0.00	37.45 -0.85 0.00	42.62 -0.90 0.00	55.22 -1.10 0.00	58.36 -1.08 0.00	51.87 -0.98 0.00	40.93 -0.82 0.00	37.98 -0.82 0.00	37.65 -0.82 0.00	40.58 -0.81 0.00	46.10 -0.95 0.00	49.18 -1.04 0.00	46.40 -0.87 0.00	41.05 -0.82 0.00	48.52 -0.94 0.00	47.29 -0.93 0.00	49.76 -1.01 0.00	54.29 -1.05 0.00	55.25 -1.01 0.00
SITHE___MASSENA 23902	42.61 1.03 0.00	47.35 1.14 0.00	38.39 0.89 0.00	34.86 0.81 0.00	35.28 0.75 0.00	34.70 0.68 0.00	39.20 0.90 0.00	44.60 1.09 0.00	57.65 1.33 0.00	60.45 1.01 0.00	53.73 0.89 0.00	42.47 0.72 0.00	39.22 0.42 0.00	38.79 0.33 0.00	41.74 0.35 0.00	47.44 0.40 0.00	50.60 0.38 0.00	48.57 -0.03 -1.33	41.78 -0.09 0.00	49.21 -0.26 0.00	48.07 -0.14 0.00	50.78 0.01 0.00	55.99 0.65 0.00	57.23 0.97 0.00
SITHE___OGDNSBRG 24021	43.08 1.50 0.00	47.84 1.63 0.00	38.80 1.29 0.00	35.23 1.17 0.00	35.65 1.12 0.00	35.06 1.04 0.00	39.66 1.37 0.00	45.19 1.67 0.00	58.36 2.04 0.00	61.14 1.70 0.00	54.30 1.46 0.00	42.88 1.13 0.00	39.53 0.72 0.00	39.06 0.59 0.00	41.78 0.39 0.00	47.62 0.57 0.00	50.98 0.76 0.00	51.67 0.41 -3.98	42.23 0.36 0.00	49.75 0.28 0.00	48.59 0.38 0.00	51.31 0.54 0.00	56.56 1.22 0.00	57.81 1.55 0.00
SITHE___STERLING 23777	42.34 0.76 0.00	46.92 0.71 0.00	37.97 0.46 0.00	34.41 0.36 0.00	34.90 0.37 0.00	34.33 0.32 0.00	38.69 0.40 0.00	44.04 0.53 0.00	57.15 0.83 0.00	60.56 1.13 0.00	53.78 0.94 0.00	42.48 0.72 0.00	39.31 0.51 0.00	39.05 0.58 0.00	42.07 0.68 0.00	47.83 0.78 0.00	51.11 0.88 0.00	48.19 0.92 0.00	42.67 0.80 0.00	50.52 1.06 0.00	49.24 1.02 0.00	51.80 1.03 0.00	56.35 1.01 0.00	57.26 1.00 0.00
SLEIGHT__34_KV_TB1 80719	41.18 -0.40 0.00	45.51 -0.70 0.00	36.72 -0.78 0.00	33.06 -1.00 0.00	33.60 -0.93 0.00	33.36 -0.66 0.00	37.70 -0.59 0.00	43.17 -0.34 0.00	56.09 -0.23 0.00	59.41 -0.03 0.00	52.75 -0.09 0.00	41.25 -0.51 0.00	37.92 -0.88 0.00	37.57 -0.90 0.00	40.83 -0.57 0.00	46.21 -0.84 0.00	49.31 -0.91 0.00	46.59 -0.69 0.00	41.07 -0.80 0.00	48.42 -1.05 0.00	47.18 -1.04 0.00	50.23 -0.54 0.00	55.10 -0.24 0.00	56.30 0.04 0.00
SOUTH CAIRO___GT 23612	42.70 1.12 0.00	47.51 1.30 0.00	38.67 1.17 0.00	35.23 1.17 0.00	35.80 1.27 0.00	35.27 1.26 0.00	39.53 1.24 0.00	44.93 1.41 0.00	58.32 2.00 0.00	61.53 2.09 0.00	54.67 1.82 0.00	43.20 1.44 0.00	40.35 1.54 0.00	40.04 1.57 0.00	42.82 1.42 0.00	48.92 1.88 0.00	52.42 2.19 0.00	49.38 2.10 0.00	43.90 2.04 0.00	51.88 2.41 0.00	50.44 2.22 0.00	52.96 2.19 0.00	57.23 1.88 0.00	57.78 1.52 0.00
SOUTH HAMPTN___IC 23720	41.90 0.31 0.00	46.77 0.56 0.00	37.92 0.42 0.00	34.63 0.57 0.00	34.77 0.24 0.00	33.84 -0.17 0.00	38.41 0.11 0.00	43.44 -0.07 0.00	55.95 -0.37 0.00	60.17 0.61 -0.12	56.14 0.55 -2.75	42.43 0.63 -0.05	41.36 1.24 -1.32	40.85 1.25 -1.14	41.51 0.92 0.81	45.70 1.34 2.69	47.79 1.00 3.43	49.98 1.14 -1.57	42.58 0.96 0.25	54.48 1.14 -3.87	54.42 1.87 -4.34	58.51 2.47 -5.27	63.24 1.96 -5.94	59.43 1.78 -1.39
SOUTHDOW_115KV_TB1 355954	41.42 -0.16 0.00	45.75 -0.47 0.00	36.85 -0.66 0.00	32.48 -1.58 0.00	33.06 -1.47 0.00	32.84 -1.18 0.00	37.05 -1.24 0.00	42.56 -0.95 0.00	55.43 -0.89 0.00	58.66 -0.78 0.00	52.28 -0.57 0.00	40.96 -0.80 0.00	37.81 -1.00 0.00	37.53 -0.94 0.00	41.29 -0.11 0.00	46.85 -0.19 0.00	49.49 -0.73 0.00	47.43 0.15 0.00	41.24 -0.63 0.00	48.97 -0.50 0.00	48.16 -0.05 0.00	51.54 0.77 0.00	57.12 1.78 0.00	58.93 2.66 0.00
SOUTHOLD_69_KV_BK 2 55809	42.37 0.78 0.00	47.29 1.07 0.00	38.32 0.82 0.00	34.98 0.93 0.00	35.02 0.49 0.00	33.57 -0.45 0.00	38.11 -0.19 0.00	43.10 -0.42 0.00	55.56 -0.76 0.00	60.19 0.63 -0.12	55.83 0.23 -2.75	42.26 0.46 -0.05	41.37 1.25 -1.32	40.81 1.21 -1.14	41.52 0.93 0.80	45.87 1.50 2.69	47.52 0.73 3.43	49.72 0.87 -1.57	42.34 0.72 0.24	54.21 0.87 -3.88	54.54 1.99 -4.34	59.06 3.02 -5.27	63.75 2.46 -5.94	60.15 2.50 -1.39
SOUTHOLD___IC 23719	42.37 0.78 0.00	47.28 1.07 0.00	38.32 0.82 0.00	34.98 0.92 0.00	35.02 0.49 0.00	33.57 -0.44 0.00	38.11 -0.19 0.00	43.11 -0.41 0.00	55.56 -0.76 0.00	60.19 0.63 -0.12	55.85 0.25 -2.75	42.26 0.46 -0.05	41.37 1.25 -1.32	40.82 1.22 -1.14	41.52 0.93 0.80	45.84 1.48 2.69	47.53 0.74 3.43	49.70 0.86 -1.57	42.36 0.73 0.24	54.22 0.87 -3.88	54.54 1.99 -4.34	59.07 3.02 -5.27	63.78 2.49 -5.94	60.16 2.51 -1.39
SOUTH_FORK_WT_PWR 323839	42.48 0.89 0.00	47.40 1.18 0.00	38.40 0.90 0.00	35.06 1.00 0.00	35.01 0.48 0.00	33.08 -0.93 0.00	37.52 -0.77 0.00	42.45 -1.06 0.00	54.72 -1.60 0.00	59.64 0.08 -0.12	55.07 -0.52 -2.75	41.68 -0.12 -0.05	40.99 0.87 -1.32	40.41 0.81 -1.14	41.10 0.52 0.81	45.51 1.15 2.69	46.78 -0.01 3.43	48.94 0.10 -1.57	41.71 0.08 0.25	53.44 0.09 -3.87	54.17 1.61 -4.34	59.04 3.00 -5.27	63.70 2.42 -5.94	60.27 2.62 -1.39
SPIERFLS_115KV_TB 1 80737	42.86 1.28 0.00	47.81 1.60 0.00	38.85 1.35 0.00	35.32 1.26 0.00	35.90 1.36 0.00	35.41 1.40 0.00	39.83 1.54 0.00	45.17 1.65 0.00	58.45 2.12 0.00	61.53 2.09 0.00	54.80 1.95 0.00	43.36 1.61 0.00	40.48 1.68 0.00	40.23 1.77 0.00	43.17 1.78 0.00	49.18 2.14 0.00	52.60 2.38 0.00	49.71 2.43 0.00	44.15 2.28 0.00	52.05 2.58 0.00	50.57 2.36 0.00	53.12 2.36 0.00	57.44 2.10 0.00	57.98 1.72 0.00
ST LAWRENCE____ 23600	42.10 0.52 0.00	46.80 0.58 0.00	37.94 0.43 0.00	34.45 0.39 0.00	34.89 0.35 0.00	34.31 0.30 0.00	38.73 0.44 0.00	44.07 0.56 0.00	56.98 0.66 0.00	60.00 0.57 0.00	53.34 0.49 0.00	42.16 0.40 0.00	38.97 0.17 0.00	38.56 0.09 0.00	41.52 0.12 0.00	47.17 0.12 0.00	50.27 0.05 0.00	46.96 -0.31 0.00	41.54 -0.33 0.00	48.93 -0.54 0.00	47.59 -0.62 0.00	50.27 -0.50 0.00	55.39 0.05 0.00	56.57 0.31 0.00
STATE_CA_115KV_115_LB 55624	41.53 -0.05 0.00	46.24 0.03 0.00	37.67 0.17 0.00	34.32 0.26 0.00	34.87 0.34 0.00	34.32 0.31 0.00	38.35 0.05 0.00	43.41 -0.10 0.00	56.15 -0.17 0.00	59.12 -0.31 0.00	52.60 -0.25 0.00	41.67 -0.08 0.00	38.93 0.13 0.00	38.67 0.20 0.00	41.42 0.03 0.00	47.15 0.10 0.00	50.42 0.20 0.00	47.52 0.25 0.00	42.18 0.31 0.00	49.84 0.37 0.00	48.57 0.35 0.00	51.06 0.29 0.00	55.27 -0.07 0.00	55.84 -0.42 0.00

STATE_ST_34_KV_LOAD 55959	41.83 0.25 0.00	46.41 0.20 0.00	37.50 -0.01 0.00	33.91 -0.15 0.00	34.44 -0.09 0.00	34.07 0.05 0.00	38.45 0.15 0.00	43.82 0.30 0.00	56.56 0.24 0.00	59.77 0.34 0.00	53.33 0.48 0.00	41.92 0.17 0.00	38.90 0.10 0.00	38.62 0.15 0.00	41.64 0.25 0.00	47.23 0.18 0.00	50.60 0.38 0.00	47.73 0.46 0.00	42.31 0.44 0.00	50.20 0.73 0.00	48.94 0.73 0.00	51.29 0.52 0.00	55.75 0.41 0.00	56.85 0.59 0.00
STATION 5_MISC_HYD 23604	41.33 -0.25 0.00	45.58 -0.63 0.00	36.70 -0.81 0.00	32.94 -1.12 0.00	33.48 -1.05 0.00	33.32 -0.70 0.00	37.65 -0.64 0.00	43.21 -0.30 0.00	56.29 -0.04 0.00	59.70 0.26 0.00	52.88 0.03 0.00	41.65 -0.10 0.00	38.24 -0.56 0.00	37.93 -0.54 0.00	41.25 -0.14 0.00	46.61 -0.44 0.00	49.73 -0.50 0.00	46.98 -0.29 0.00	41.38 -0.49 0.00	48.76 -0.71 0.00	47.51 -0.71 0.00	50.14 -0.63 0.00	55.35 0.00 0.00	56.67 0.41 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	41.64 0.06 0.00	46.04 -0.18 0.00	37.14 -0.36 0.00	33.46 -0.60 0.00	33.99 -0.54 0.00	33.72 -0.30 0.00	38.11 -0.19 0.00	43.59 0.08 0.00	56.67 0.35 0.00	60.04 0.60 0.00	53.14 0.30 0.00	41.85 0.09 0.00	38.56 -0.24 0.00	38.21 -0.26 0.00	41.44 0.04 0.00	46.93 -0.12 0.00	50.11 -0.11 0.00	47.41 0.14 0.00	41.88 0.01 0.00	49.51 0.04 0.00	48.25 0.03 0.00	50.85 0.07 0.00	55.69 0.35 0.00	56.89 0.63 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	41.11 -0.48 0.00	45.35 -0.87 0.00	36.53 -0.98 0.00	32.82 -1.24 0.00	33.35 -1.18 0.00	33.16 -0.86 0.00	37.47 -0.82 0.00	43.00 -0.52 0.00	56.00 -0.32 0.00	59.38 -0.05 0.00	52.62 -0.23 0.00	41.45 -0.31 0.00	38.08 -0.72 0.00	37.77 -0.70 0.00	41.06 -0.34 0.00	46.40 -0.65 0.00	49.50 -0.72 0.00	46.77 -0.50 0.00	41.21 -0.66 0.00	48.56 -0.92 0.00	47.30 -0.92 0.00	49.91 -0.86 0.00	55.04 -0.31 0.00	56.32 0.06 0.00
STA_56___34_KV_BUS2 355983	41.11 -0.48 0.00	45.35 -0.87 0.00	36.53 -0.98 0.00	32.82 -1.24 0.00	33.35 -1.18 0.00	33.16 -0.86 0.00	37.47 -0.82 0.00	43.00 -0.52 0.00	56.00 -0.32 0.00	59.38 -0.05 0.00	52.62 -0.23 0.00	41.45 -0.31 0.00	38.08 -0.72 0.00	37.77 -0.70 0.00	41.06 -0.34 0.00	46.40 -0.65 0.00	49.50 -0.72 0.00	46.77 -0.50 0.00	41.21 -0.66 0.00	48.56 -0.92 0.00	47.30 -0.92 0.00	49.91 -0.86 0.00	55.04 -0.31 0.00	56.32 0.06 0.00
STA_67___115KV_BK2 355882	41.24 -0.34 0.00	45.49 -0.72 0.00	36.62 -0.89 0.00	32.88 -1.18 0.00	33.41 -1.12 0.00	33.25 -0.76 0.00	37.57 -0.72 0.00	43.11 -0.40 0.00	56.15 -0.17 0.00	59.55 0.11 0.00	52.75 -0.10 0.00	41.56 -0.20 0.00	38.17 -0.63 0.00	37.85 -0.62 0.00	41.16 -0.23 0.00	46.51 -0.54 0.00	49.61 -0.62 0.00	46.87 -0.40 0.00	41.29 -0.58 0.00	48.65 -0.82 0.00	47.38 -0.84 0.00	50.02 -0.75 0.00	55.23 -0.11 0.00	56.55 0.29 0.00
STA_7___115KV_9TRANS 80674	41.52 -0.06 0.00	45.79 -0.42 0.00	36.85 -0.66 0.00	33.09 -0.97 0.00	33.62 -0.90 0.00	33.47 -0.55 0.00	37.81 -0.48 0.00	43.41 -0.11 0.00	56.56 0.24 0.00	60.02 0.58 0.00	53.15 0.30 0.00	41.89 0.13 0.00	38.44 -0.36 0.00	38.12 -0.35 0.00	41.48 0.09 0.00	46.86 -0.19 0.00	50.00 -0.23 0.00	47.25 -0.02 0.00	41.62 -0.25 0.00	49.05 -0.42 0.00	47.78 -0.43 0.00	50.42 -0.34 0.00	55.63 0.29 0.00	56.95 0.69 0.00
STA_82___115KV_TB1 80780	41.25 -0.33 0.00	45.49 -0.72 0.00	36.62 -0.89 0.00	32.88 -1.18 0.00	33.41 -1.12 0.00	33.25 -0.76 0.00	37.57 -0.72 0.00	43.12 -0.39 0.00	56.17 -0.15 0.00	59.55 0.12 0.00	52.76 -0.09 0.00	41.56 -0.20 0.00	38.16 -0.64 0.00	37.85 -0.62 0.00	41.16 -0.23 0.00	46.51 -0.54 0.00	49.61 -0.62 0.00	46.88 -0.39 0.00	41.29 -0.58 0.00	48.65 -0.82 0.00	47.39 -0.83 0.00	50.02 -0.75 0.00	55.23 -0.11 0.00	56.55 0.29 0.00
STEEL___WIND 323596	41.16 -0.42 0.00	45.23 -0.98 0.00	36.25 -1.26 0.00	32.29 -1.77 0.00	32.87 -1.66 0.00	32.84 -1.18 0.00	37.09 -1.21 0.00	42.67 -0.85 0.00	55.57 -0.75 0.00	59.05 -0.38 0.00	52.29 -0.55 0.00	41.19 -0.57 0.00	37.70 -1.10 0.00	37.44 -1.03 0.00	40.93 -0.46 0.00	46.10 -0.95 0.00	48.91 -1.31 0.00	46.34 -0.93 0.00	40.62 -1.25 0.00	47.78 -1.68 0.00	46.58 -1.64 0.00	49.47 -1.30 0.00	55.28 -0.07 0.00	57.02 0.76 0.00
STEPHTWN_115KV_BK_2 55603	41.67 0.09 0.00	46.39 0.17 0.00	37.79 0.28 0.00	34.44 0.37 0.00	34.99 0.45 0.00	34.44 0.42 0.00	38.57 0.28 0.00	43.75 0.24 0.00	56.52 0.20 0.00	59.54 0.11 0.00	52.95 0.11 0.00	41.93 0.17 0.00	39.16 0.36 0.00	38.88 0.41 0.00	41.73 0.34 0.00	47.43 0.38 0.00	50.77 0.54 0.00	47.82 0.55 0.00	42.49 0.63 0.00	50.23 0.76 0.00	49.05 0.84 0.00	51.46 0.69 0.00	55.78 0.44 0.00	56.20 -0.06 0.00
STEUBEN_REC_LFGE 323667	40.78 -0.80 0.00	44.90 -1.32 0.00	35.58 -1.92 0.00	31.83 -2.24 0.00	32.23 -2.30 0.00	31.72 -2.29 0.00	35.54 -2.76 0.00	40.45 -3.07 0.00	52.69 -3.63 0.00	55.99 -3.44 0.00	49.31 -3.54 0.00	38.69 -3.07 0.00	35.98 -2.82 0.00	35.51 -2.96 0.00	38.48 -2.92 0.00	43.82 -3.23 0.00	47.24 -2.99 0.00	45.41 -1.86 0.00	40.18 -1.69 0.00	47.70 -1.77 0.00	46.65 -1.56 0.00	49.80 -0.96 0.00	55.33 -0.01 0.00	57.18 0.92 0.00
STILLWATER___SOLAR 323814	42.46 0.88 0.00	47.32 1.10 0.00	38.48 0.97 0.00	35.00 0.94 0.00	35.57 1.04 0.00	35.07 1.05 0.00	39.43 1.14 0.00	44.72 1.21 0.00	57.85 1.53 0.00	60.84 1.41 0.00	54.14 1.30 0.00	42.85 1.09 0.00	39.99 1.19 0.00	39.72 1.25 0.00	42.61 1.22 0.00	48.55 1.50 0.00	51.89 1.67 0.00	48.96 1.69 0.00	43.49 1.62 0.00	51.33 1.87 0.00	49.98 1.77 0.00	52.52 1.75 0.00	56.85 1.50 0.00	57.46 1.20 0.00
STONY___BROOK 24151	41.81 0.23 0.00	46.70 0.48 0.00	37.89 0.38 0.00	34.56 0.50 0.00	34.83 0.30 0.00	34.40 0.38 0.00	38.92 0.62 0.00	44.02 0.50 0.00	56.80 0.48 0.00	60.69 1.13 -0.13	57.15 1.35 -2.95	43.17 1.18 -0.23	41.83 1.62 -1.41	41.33 1.65 -1.21	41.94 1.31 0.76	46.13 1.63 2.55	48.69 1.71 3.25	50.85 1.83 -1.75	43.43 1.52 -0.05	55.42 1.81 -4.14	54.90 2.11 -4.58	58.68 2.29 -5.62	63.56 1.85 -6.36	59.23 1.49 -1.48
STURGEON_POOL_HYD 23609	42.07 0.49 0.00	46.86 0.65 0.00	38.09 0.59 0.00	34.69 0.63 0.00	35.13 0.60 0.00	34.67 0.66 0.00	39.03 0.73 0.00	44.19 0.68 0.00	57.22 0.90 0.00	60.52 1.08 0.00	53.99 1.14 0.00	42.69 0.93 0.00	39.95 1.15 0.00	39.64 1.17 0.00	42.51 1.12 0.00	48.38 1.33 0.00	51.64 1.42 0.00	48.84 1.57 0.00	43.33 1.46 0.00	51.39 1.92 0.00	50.14 1.93 0.00	52.69 1.92 0.00	56.83 1.49 0.00	57.46 1.20 0.00
ST_LAW_115_BK7_LBMP 345037	42.12 0.54 0.00	46.83 0.61 0.00	37.97 0.47 0.00	34.48 0.42 0.00	34.91 0.38 0.00	34.34 0.33 0.00	38.77 0.47 0.00	44.11 0.59 0.00	57.01 0.69 0.00	60.01 0.58 0.00	53.35 0.51 0.00	42.17 0.42 0.00	38.97 0.17 0.00	38.56 0.09 0.00	41.50 0.11 0.00	47.17 0.12 0.00	50.27 0.05 0.00	46.94 -0.33 0.00	41.52 -0.35 0.00	48.90 -0.57 0.00	47.59 -0.63 0.00	50.24 -0.52 0.00	55.41 0.07 0.00	56.62 0.36 0.00

ST_LAW_115_BK8_LBMP 345038	42.12 0.54 0.00	46.83 0.61 0.00	37.97 0.47 0.00	34.48 0.42 0.00	34.91 0.38 0.00	34.34 0.33 0.00	38.77 0.47 0.00	44.11 0.59 0.00	57.01 0.69 0.00	60.01 0.58 0.00	53.35 0.51 0.00	42.17 0.42 0.00	38.97 0.17 0.00	38.56 0.09 0.00	41.50 0.11 0.00	47.17 0.12 0.00	50.27 0.05 0.00	46.94 -0.33 0.00	41.52 -0.35 0.00	48.90 -0.57 0.00	47.59 -0.63 0.00	50.24 -0.52 0.00	55.41 0.07 0.00	56.62 0.36 0.00
ST_LAW_230_BK5_LBMP 345035	42.10 0.52 0.00	46.80 0.58 0.00	37.94 0.43 0.00	34.45 0.39 0.00	34.89 0.35 0.00	34.31 0.30 0.00	38.73 0.44 0.00	44.07 0.56 0.00	56.98 0.66 0.00	60.00 0.57 0.00	53.34 0.49 0.00	42.16 0.40 0.00	38.97 0.17 0.00	38.56 0.09 0.00	41.52 0.12 0.00	47.17 0.12 0.00	50.27 0.05 0.00	46.96 -0.31 0.00	41.54 -0.33 0.00	48.93 -0.54 0.00	47.59 -0.62 0.00	50.27 -0.50 0.00	55.39 0.05 0.00	56.57 0.31 0.00
ST_LAW_230_BK6_LBMP 345036	42.10 0.52 0.00	46.80 0.58 0.00	37.94 0.43 0.00	34.45 0.39 0.00	34.89 0.35 0.00	34.31 0.30 0.00	38.73 0.44 0.00	44.07 0.56 0.00	56.98 0.66 0.00	60.00 0.57 0.00	53.34 0.49 0.00	42.16 0.40 0.00	38.97 0.17 0.00	38.56 0.09 0.00	41.52 0.12 0.00	47.17 0.12 0.00	50.27 0.05 0.00	46.96 -0.31 0.00	41.54 -0.33 0.00	48.93 -0.54 0.00	47.59 -0.62 0.00	50.27 -0.50 0.00	55.39 0.05 0.00	56.57 0.31 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	41.88 0.30 0.00	46.68 0.46 0.00	37.93 0.42 0.00	34.52 0.46 0.00	34.96 0.43 0.00	34.51 0.50 0.00	38.80 0.51 0.00	43.92 0.41 0.00	56.82 0.50 0.00	60.06 0.63 0.00	53.57 0.72 0.00	42.34 0.58 0.00	39.65 0.85 0.00	39.32 0.85 0.00	42.18 0.79 0.00	47.99 0.94 0.00	51.21 0.99 0.00	48.43 1.16 0.00	42.97 1.10 0.00	50.96 1.49 0.00	49.76 1.55 0.00	52.32 1.55 0.00	56.45 1.11 0.00	57.12 0.86 0.00
SWANROAD_115KV_TB1 355699	40.38 -1.20 0.00	44.35 -1.87 0.00	35.53 -1.98 0.00	31.65 -2.41 0.00	32.26 -2.27 0.00	32.29 -1.73 0.00	36.29 -2.01 0.00	41.62 -1.89 0.00	54.29 -2.03 0.00	57.67 -1.77 0.00	50.97 -1.87 0.00	40.20 -1.56 0.00	36.73 -2.07 0.00	36.43 -2.04 0.00	39.82 -1.57 0.00	44.92 -2.13 0.00	47.61 -2.61 0.00	45.04 -2.23 0.00	39.43 -2.44 0.00	46.28 -3.19 0.00	45.07 -3.14 0.00	47.93 -2.84 0.00	53.79 -1.55 0.00	55.70 -0.56 0.00
SYNERGY___BIOGAS 323694	41.83 0.25 0.00	45.97 -0.24 0.00	36.89 -0.61 0.00	32.95 -1.11 0.00	33.55 -0.98 0.00	33.52 -0.50 0.00	37.82 -0.47 0.00	43.50 -0.02 0.00	56.77 0.45 0.00	60.31 0.87 0.00	53.20 0.36 0.00	41.84 0.08 0.00	38.07 -0.73 0.00	37.76 -0.71 0.00	41.34 -0.05 0.00	46.64 -0.41 0.00	49.75 -0.47 0.00	47.16 -0.11 0.00	41.49 -0.38 0.00	48.81 -0.66 0.00	47.56 -0.66 0.00	50.33 -0.44 0.00	55.98 0.64 0.00	57.58 1.32 0.00
SYRACUSE___ENERGY_ST1 323597	41.51 -0.07 0.00	46.05 -0.16 0.00	37.29 -0.21 0.00	33.78 -0.28 0.00	34.28 -0.25 0.00	33.85 -0.17 0.00	38.17 -0.12 0.00	43.47 -0.04 0.00	56.31 -0.01 0.00	59.53 0.09 0.00	52.95 0.10 0.00	41.74 -0.02 0.00	38.72 -0.08 0.00	38.41 -0.06 0.00	41.40 0.01 0.00	47.05 0.00 0.00	50.28 0.06 0.00	47.41 0.14 0.00	41.98 0.11 0.00	49.67 0.20 0.00	48.39 0.18 0.00	50.87 0.10 0.00	55.41 0.07 0.00	56.39 0.13 0.00
SYRACUSE___ENERGY_ST2 323598	41.51 -0.07 0.00	46.05 -0.16 0.00	37.29 -0.21 0.00	33.78 -0.28 0.00	34.28 -0.25 0.00	33.85 -0.17 0.00	38.17 -0.12 0.00	43.47 -0.04 0.00	56.31 -0.01 0.00	59.53 0.09 0.00	52.95 0.10 0.00	41.74 -0.02 0.00	38.72 -0.08 0.00	38.41 -0.06 0.00	41.40 0.01 0.00	47.05 0.00 0.00	50.28 0.06 0.00	47.41 0.14 0.00	41.98 0.11 0.00	49.67 0.20 0.00	48.39 0.18 0.00	50.87 0.10 0.00	55.41 0.07 0.00	56.39 0.13 0.00
SYRACUSE___POWER 24017	41.49 -0.09 0.00	46.02 -0.20 0.00	37.26 -0.24 0.00	33.75 -0.31 0.00	34.24 -0.29 0.00	33.81 -0.21 0.00	38.12 -0.18 0.00	43.41 -0.10 0.00	56.28 -0.05 0.00	59.52 0.09 0.00	52.92 0.07 0.00	41.73 -0.02 0.00	38.69 -0.11 0.00	38.38 -0.09 0.00	41.37 -0.02 0.00	47.03 -0.02 0.00	50.26 0.04 0.00	47.41 0.13 0.00	41.97 0.09 0.00	49.62 0.16 0.00	48.35 0.13 0.00	50.86 0.09 0.00	55.41 0.07 0.00	56.37 0.11 0.00
TALLMAN___138KV_BK151 55660	41.95 0.37 0.00	46.77 0.56 0.00	37.99 0.48 0.00	34.59 0.53 0.00	35.02 0.48 0.00	34.58 0.56 0.00	38.89 0.59 0.00	43.98 0.46 0.00	56.88 0.56 0.00	60.16 0.72 0.00	53.67 0.83 0.00	42.40 0.65 0.00	39.74 0.94 0.00	39.43 0.96 0.00	42.27 0.87 0.00	48.09 1.04 0.00	51.30 1.08 0.00	48.54 1.26 0.00	43.06 1.19 0.00	51.13 1.66 0.00	49.95 1.73 0.00	52.53 1.76 0.00	56.61 1.26 0.00	57.28 1.02 0.00
TEALLAVE_115KV_TB7 355573	41.32 -0.26 0.00	45.82 -0.39 0.00	37.11 -0.40 0.00	33.61 -0.45 0.00	34.10 -0.43 0.00	33.67 -0.35 0.00	37.95 -0.35 0.00	43.23 -0.29 0.00	56.05 -0.27 0.00	59.28 -0.15 0.00	52.71 -0.14 0.00	41.57 -0.19 0.00	38.55 -0.25 0.00	38.23 -0.24 0.00	41.22 -0.18 0.00	46.84 -0.21 0.00	50.06 -0.16 0.00	47.20 -0.07 0.00	41.76 -0.11 0.00	49.38 -0.09 0.00	48.12 -0.10 0.00	50.63 -0.14 0.00	55.18 -0.16 0.00	56.13 -0.13 0.00
TELGRAPH_34_KV_EAST 80808	41.11 -0.48 0.00	45.17 -1.04 0.00	36.22 -1.29 0.00	32.31 -1.76 0.00	32.91 -1.62 0.00	32.90 -1.12 0.00	37.07 -1.23 0.00	42.57 -0.94 0.00	55.55 -0.77 0.00	58.99 -0.45 0.00	52.13 -0.72 0.00	41.09 -0.67 0.00	37.47 -1.33 0.00	37.16 -1.31 0.00	40.67 -0.72 0.00	45.85 -1.20 0.00	48.78 -1.44 0.00	46.17 -1.10 0.00	40.50 -1.37 0.00	47.60 -1.87 0.00	46.39 -1.82 0.00	49.20 -1.57 0.00	54.95 -0.39 0.00	56.69 0.43 0.00
TEMPLE___115KV_TB 2 55572	41.33 -0.25 0.00	45.83 -0.38 0.00	37.13 -0.37 0.00	33.62 -0.44 0.00	34.11 -0.42 0.00	33.69 -0.33 0.00	37.98 -0.32 0.00	43.25 -0.27 0.00	56.08 -0.24 0.00	59.30 -0.13 0.00	52.71 -0.13 0.00	41.59 -0.17 0.00	38.57 -0.24 0.00	38.26 -0.21 0.00	41.24 -0.16 0.00	46.88 -0.17 0.00	50.08 -0.14 0.00	47.23 -0.04 0.00	41.80 -0.07 0.00	49.41 -0.06 0.00	48.14 -0.07 0.00	50.65 -0.12 0.00	55.20 -0.14 0.00	56.15 -0.11 0.00
TIANA____69_KV_BK 1 55817	41.75 0.16 0.00	46.62 0.41 0.00	37.81 0.30 0.00	34.52 0.46 0.00	34.70 0.17 0.00	33.93 -0.08 0.00	38.51 0.21 0.00	43.55 0.04 0.00	56.08 -0.25 0.00	60.19 0.63 0.00	56.26 0.66 0.00	42.51 0.70 0.00	41.38 1.26 0.00	40.89 1.28 0.00	41.53 0.94 0.00	45.71 1.35 0.00	47.88 1.09 0.00	50.11 1.27 0.00	42.65 1.03 0.00	54.60 1.25 0.00	54.40 1.84 0.00	58.36 2.32 0.00	63.08 1.80 0.00	59.21 1.55 0.00
TILDEN___115KV_TB1 80814	41.49 -0.09 0.00	46.02 -0.20 0.00	37.26 -0.24 0.00	33.75 -0.31 0.00	34.24 -0.29 0.00	33.81 -0.21 0.00	38.12 -0.18 0.00	43.41 -0.10 0.00	56.28 -0.05 0.00	59.52 0.09 0.00	52.92 0.07 0.00	41.73 -0.02 0.00	38.69 -0.11 0.00	38.38 -0.09 0.00	41.37 -0.02 0.00	47.03 -0.02 0.00	50.26 0.04 0.00	47.41 0.13 0.00	41.97 0.09 0.00	49.62 0.16 0.00	48.35 0.13 0.00	50.86 0.09 0.00	55.41 0.07 0.00	56.37 0.11 0.00

TRIGEN___CC 323695	42.18 0.60 0.00	47.07 0.86 0.00	38.21 0.70 0.00	34.82 0.76 0.00	35.19 0.66 0.00	34.78 0.76 0.00	39.20 0.90 0.00	44.29 0.77 0.00	57.27 0.95 0.00	61.87 1.37 -1.07	80.04 1.53 -25.66	64.63 1.34 -21.53	51.40 1.63 -10.97	49.58 1.68 -9.43	46.55 1.53 -3.63	61.17 1.82 -12.30	69.38 1.94 -17.22	70.31 1.99 -21.05	77.29 1.69 -33.74	86.22 2.08 -34.67	82.12 2.18 -31.72	97.84 2.26 -44.81	110.69 1.88 -53.46	69.43 1.61 -11.56
TRINITY___115KV___4 BK 55933	41.35 -0.23 0.00	46.06 -0.15 0.00	37.52 0.02 0.00	34.20 0.15 0.00	34.75 0.22 0.00	34.21 0.19 0.00	38.21 -0.09 0.00	43.24 -0.28 0.00	55.89 -0.43 0.00	58.82 -0.62 0.00	52.32 -0.53 0.00	41.46 -0.30 0.00	38.73 -0.07 0.00	38.48 0.01 0.00	41.21 -0.18 0.00	46.91 -0.14 0.00	50.16 -0.06 0.00	47.27 0.00 0.00	41.96 0.09 0.00	49.58 0.11 0.00	48.32 0.11 0.00	50.81 0.04 0.00	54.97 -0.37 0.00	55.56 -0.70 0.00
UNION___PROCESSING_DRP 323587	41.25 -0.33 0.00	45.50 -0.71 0.00	36.62 -0.89 0.00	32.88 -1.18 0.00	33.42 -1.12 0.00	33.26 -0.76 0.00	37.57 -0.72 0.00	43.13 -0.38 0.00	56.17 -0.15 0.00	59.58 0.15 0.00	52.78 -0.07 0.00	41.56 -0.19 0.00	38.17 -0.63 0.00	37.85 -0.62 0.00	41.16 -0.23 0.00	46.52 -0.53 0.00	49.62 -0.60 0.00	46.88 -0.39 0.00	41.29 -0.57 0.00	48.66 -0.81 0.00	47.41 -0.81 0.00	50.03 -0.73 0.00	55.24 -0.10 0.00	56.56 0.30 0.00
UPPER HUDSON___HYD 24058	42.86 1.28 0.00	47.80 1.59 0.00	38.85 1.34 0.00	35.32 1.26 0.00	35.90 1.36 0.00	35.42 1.40 0.00	39.83 1.54 0.00	45.17 1.66 0.00	58.44 2.12 0.00	61.53 2.09 0.00	54.79 1.94 0.00	43.36 1.61 0.00	40.48 1.68 0.00	40.24 1.77 0.00	43.17 1.78 0.00	49.18 2.13 0.00	52.60 2.38 0.00	49.71 2.44 0.00	44.15 2.28 0.00	52.04 2.58 0.00	50.57 2.36 0.00	53.12 2.36 0.00	57.45 2.10 0.00	57.98 1.72 0.00
UPPER RAQUET___HYD 24056	41.82 0.24 0.00	46.42 0.21 0.00	37.60 0.10 0.00	34.15 0.09 0.00	34.53 0.00 0.00	33.85 -0.17 0.00	38.27 -0.03 0.00	43.57 0.06 0.00	56.32 0.00 0.00	59.04 -0.40 0.00	52.42 -0.43 0.00	41.45 -0.31 0.00	38.19 -0.61 0.00	37.65 -0.82 0.00	40.39 -1.00 0.00	46.01 -1.04 0.00	49.16 -1.06 0.00	51.55 -1.39 -5.67	40.62 -1.25 0.00	47.88 -1.59 0.00	46.83 -1.39 0.00	49.49 -1.28 0.00	54.60 -0.75 0.00	55.85 -0.41 0.00
VALLEY44_115KV_TB2 355964	41.13 -0.45 0.00	45.55 -0.67 0.00	36.60 -0.90 0.00	32.80 -1.26 0.00	33.31 -1.22 0.00	33.22 -0.79 0.00	37.58 -0.72 0.00	43.03 -0.48 0.00	55.98 -0.35 0.00	59.20 -0.23 0.00	52.18 -0.67 0.00	41.06 -0.69 0.00	37.75 -1.05 0.00	37.43 -1.04 0.00	40.75 -0.64 0.00	45.98 -1.07 0.00	49.04 -1.18 0.00	46.73 -0.54 0.00	41.24 -0.63 0.00	48.80 -0.67 0.00	47.71 -0.50 0.00	50.35 -0.42 0.00	55.44 0.10 0.00	57.07 0.81 0.00
VALLEY___115KV_TB 1-4 80826	41.47 -0.11 0.00	46.09 -0.13 0.00	37.42 -0.09 0.00	33.99 -0.07 0.00	34.46 -0.07 0.00	33.92 -0.10 0.00	38.14 -0.16 0.00	43.32 -0.20 0.00	56.10 -0.22 0.00	59.25 -0.18 0.00	51.81 -1.04 0.00	40.51 -1.25 0.00	37.67 -1.13 0.00	37.45 -1.02 0.00	40.51 -0.88 0.00	46.07 -0.98 0.00	49.33 -0.89 0.00	46.56 -0.72 0.00	41.35 -0.52 0.00	49.04 -0.43 0.00	47.77 -0.45 0.00	50.20 -0.57 0.00	54.33 -1.02 0.00	54.83 -1.43 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	42.86 1.28 0.00	47.60 1.39 0.00	38.61 1.10 0.00	35.02 0.96 0.00	35.51 0.98 0.00	34.98 0.96 0.00	39.45 1.15 0.00	44.87 1.36 0.00	58.21 1.89 0.00	61.63 2.19 0.00	54.90 2.06 0.00	43.38 1.62 0.00	40.38 1.57 0.00	40.02 1.55 0.00	43.14 1.75 0.00	49.05 2.00 0.00	52.35 2.13 0.00	49.41 2.14 0.00	43.76 1.89 0.00	51.86 2.39 0.00	50.54 2.33 0.00	53.08 2.32 0.00	57.60 2.25 0.00	58.45 2.19 0.00
VISCHER___FERRY HYD 24020	41.75 0.16 0.00	46.53 0.32 0.00	37.87 0.36 0.00	34.51 0.44 0.00	35.07 0.54 0.00	34.56 0.54 0.00	38.80 0.50 0.00	43.95 0.44 0.00	56.81 0.49 0.00	59.70 0.27 0.00	53.09 0.24 0.00	42.05 0.29 0.00	39.27 0.46 0.00	39.03 0.56 0.00	41.82 0.42 0.00	47.61 0.56 0.00	50.93 0.71 0.00	48.00 0.73 0.00	42.66 0.80 0.00	50.34 0.88 0.00	49.06 0.84 0.00	51.58 0.81 0.00	55.81 0.47 0.00	56.39 0.13 0.00
V_A_10_SYNC_DSASP 323832	40.76 -0.82 0.00	44.87 -1.34 0.00	36.02 -1.49 0.00	32.20 -1.86 0.00	32.76 -1.77 0.00	32.70 -1.32 0.00	36.92 -1.37 0.00	42.46 -1.05 0.00	55.35 -0.96 0.00	58.75 -0.69 0.00	51.99 -0.86 0.00	40.97 -0.79 0.00	37.56 -1.25 0.00	37.27 -1.20 0.00	40.62 -0.77 0.00	45.79 -1.27 0.00	48.69 -1.54 0.00	46.03 -1.25 0.00	40.41 -1.46 0.00	47.56 -1.91 0.00	46.35 -1.86 0.00	49.06 -1.71 0.00	54.59 -0.75 0.00	56.18 -0.08 0.00
V_CMM_10_SYNC_DSASP 323787	42.34 0.75 0.00	47.07 0.85 0.00	38.17 0.66 0.00	34.66 0.60 0.00	35.07 0.54 0.00	34.52 0.50 0.00	38.97 0.67 0.00	44.34 0.83 0.00	57.33 1.01 0.00	60.36 0.93 0.00	53.64 0.80 0.00	42.40 0.64 0.00	39.18 0.38 0.00	38.76 0.29 0.00	41.74 0.34 0.00	47.42 0.36 0.00	50.55 0.32 0.00	47.19 -0.08 0.00	41.74 -0.13 0.00	49.15 -0.32 0.00	47.83 -0.39 0.00	50.50 -0.27 0.00	55.69 0.35 0.00	56.91 0.64 0.00
V_CMP_10_SYNC_DSASP 323788	43.38 1.79 0.00	48.25 2.03 0.00	38.74 1.24 0.00	35.18 1.12 0.00	35.82 1.29 0.00	34.92 0.90 0.00	39.44 1.14 0.00	44.73 1.22 0.00	58.05 1.73 0.00	60.92 1.49 0.00	54.06 1.22 0.00	42.85 1.09 0.00	39.47 0.67 0.00	38.75 0.28 0.00	41.61 0.21 0.00	47.33 0.28 0.00	50.10 -0.12 0.00	12.00 -1.05 34.22	41.23 -0.64 0.00	48.90 -0.57 0.00	47.18 -1.03 0.00	49.83 -0.94 0.00	55.52 0.18 0.00	56.95 0.69 0.00
V_D_10_SYNC_DSASP 323841	42.61 1.03 0.00	47.35 1.13 0.00	38.39 0.89 0.00	34.86 0.80 0.00	35.27 0.74 0.00	34.69 0.68 0.00	39.20 0.90 0.00	44.60 1.09 0.00	57.64 1.32 0.00	60.46 1.03 0.00	53.74 0.89 0.00	42.48 0.72 0.00	39.23 0.43 0.00	38.79 0.33 0.00	41.75 0.36 0.00	47.45 0.40 0.00	50.61 0.38 0.00	48.53 -0.01 -1.27	41.79 -0.07 0.00	49.22 -0.25 0.00	48.07 -0.14 0.00	50.78 0.01 0.00	55.98 0.63 0.00	57.23 0.97 0.00
V_E_10_SYNC_DSASP 323830	44.42 2.84 0.00	48.91 2.69 0.00	38.90 1.39 0.00	34.45 0.39 0.00	34.93 0.40 0.00	34.58 0.56 0.00	38.97 0.68 0.00	44.42 0.90 0.00	56.96 0.64 0.00	59.80 0.37 0.00	53.26 0.42 0.00	42.00 0.24 0.00	38.90 0.10 0.00	38.29 -0.18 0.00	41.67 0.28 0.00	47.29 0.24 0.00	50.74 0.51 0.00	47.99 0.72 0.00	42.56 0.70 0.00	50.66 1.19 0.00	49.41 1.20 0.00	52.24 1.47 0.00	57.31 1.97 0.00	58.88 2.62 0.00
V_F_30_NSYNC___DSASP 323816	42.53 0.95 0.00	47.40 1.19 0.00	38.53 1.03 0.00	35.06 0.99 0.00	35.62 1.09 0.00	35.12 1.10 0.00	39.50 1.20 0.00	44.80 1.28 0.00	57.96 1.64 0.00	60.98 1.54 0.00	54.27 1.43 0.00	42.94 1.18 0.00	40.07 1.27 0.00	39.80 1.33 0.00	42.70 1.31 0.00	48.64 1.59 0.00	51.99 1.77 0.00	49.05 1.78 0.00	43.57 1.71 0.00	51.42 1.95 0.00	50.08 1.87 0.00	52.62 1.85 0.00	56.97 1.63 0.00	57.60 1.34 0.00

WEST BABYLON___IC 23714	42.49 0.91 0.00	47.41 1.20 0.00	38.44 0.93 0.00	35.03 0.97 0.00	35.35 0.82 0.00	34.94 0.93 0.00	39.47 1.17 0.00	44.65 1.14 0.00	57.72 1.40 0.00	61.80 2.04 -0.33	62.69 2.15 -7.70	48.42 1.85 -4.82	44.50 2.16 -3.54	43.71 2.20 -3.04	43.68 1.99 -0.30	50.17 2.33 -0.79	54.02 2.52 -1.27	55.79 2.62 -5.90	51.14 2.17 -7.10	62.64 2.64 -10.53	61.25 2.81 -10.22	67.56 2.98 -13.81	74.18 2.62 -16.22	62.26 2.30 -3.70
WEST CANADA___HYD 24049	41.43 -0.16 0.00	46.04 -0.17 0.00	37.38 -0.13 0.00	33.96 -0.10 0.00	34.43 -0.10 0.00	33.89 -0.13 0.00	38.11 -0.19 0.00	43.28 -0.23 0.00	56.02 -0.30 0.00	59.15 -0.29 0.00	52.56 -0.29 0.00	41.55 -0.21 0.00	38.66 -0.14 0.00	38.35 -0.11 0.00	41.25 -0.14 0.00	46.89 -0.15 0.00	50.07 -0.15 0.00	47.19 -0.08 0.00	41.82 -0.05 0.00	49.44 -0.03 0.00	48.21 0.00 0.00	50.76 0.00 0.00	55.18 -0.16 0.00	56.03 -0.23 0.00
WESTERN_NY_WIND 24143	41.78 0.19 0.00	45.92 -0.30 0.00	36.85 -0.66 0.00	32.90 -1.16 0.00	33.50 -1.03 0.00	33.48 -0.54 0.00	37.77 -0.52 0.00	43.41 -0.10 0.00	56.68 0.36 0.00	60.22 0.78 0.00	53.13 0.28 0.00	41.79 0.03 0.00	38.01 -0.79 0.00	37.70 -0.77 0.00	41.30 -0.09 0.00	46.59 -0.46 0.00	49.68 -0.54 0.00	47.08 -0.19 0.00	41.42 -0.45 0.00	48.72 -0.75 0.00	47.47 -0.75 0.00	50.25 -0.52 0.00	55.92 0.57 0.00	57.53 1.27 0.00
WESTOVER___LESR 323668	41.50 -0.08 0.00	46.05 -0.16 0.00	37.23 -0.28 0.00	33.67 -0.39 0.00	34.13 -0.40 0.00	33.71 -0.31 0.00	38.04 -0.26 0.00	43.26 -0.25 0.00	56.03 -0.29 0.00	59.26 -0.18 0.00	52.61 -0.24 0.00	41.48 -0.28 0.00	38.57 -0.23 0.00	38.20 -0.27 0.00	41.28 -0.11 0.00	46.87 -0.18 0.00	50.01 -0.22 0.00	47.37 0.10 0.00	41.97 0.10 0.00	49.75 0.28 0.00	48.48 0.27 0.00	50.99 0.22 0.00	55.53 0.19 0.00	56.62 0.36 0.00
WETHRSFD_WT_PWR 323626	40.10 -1.48 0.00	43.98 -2.23 0.00	35.27 -2.23 0.00	31.35 -2.71 0.00	31.88 -2.65 0.00	31.64 -2.38 0.00	35.59 -2.71 0.00	40.56 -2.96 0.00	52.56 -3.76 0.00	55.68 -3.75 0.00	49.06 -3.79 0.00	38.84 -2.91 0.00	35.74 -3.05 0.00	35.37 -3.10 0.00	38.52 -2.87 0.00	43.66 -3.39 0.00	46.99 -3.24 0.00	44.79 -2.48 0.00	39.23 -2.64 0.00	46.36 -3.11 0.00	45.47 -2.74 0.00	48.40 -2.37 0.00	54.11 -1.23 0.00	56.00 -0.26 0.00
WHAVSTOR_138KV_BK127 55557	41.93 0.35 0.00	46.75 0.54 0.00	37.98 0.47 0.00	34.59 0.53 0.00	35.01 0.48 0.00	34.58 0.56 0.00	38.88 0.58 0.00	43.97 0.46 0.00	56.88 0.56 0.00	60.14 0.70 0.00	53.65 0.80 0.00	42.40 0.64 0.00	39.73 0.93 0.00	39.42 0.95 0.00	42.26 0.86 0.00	48.09 1.04 0.00	51.30 1.07 0.00	48.53 1.26 0.00	43.06 1.19 0.00	51.10 1.63 0.00	49.92 1.70 0.00	52.48 1.71 0.00	56.56 1.22 0.00	57.23 0.96 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	41.93 0.35 0.00	46.75 0.54 0.00	37.98 0.47 0.00	34.59 0.53 0.00	35.01 0.48 0.00	34.58 0.56 0.00	38.88 0.58 0.00	43.97 0.46 0.00	56.88 0.56 0.00	60.14 0.70 0.00	53.65 0.80 0.00	42.40 0.64 0.00	39.73 0.93 0.00	39.42 0.95 0.00	42.26 0.86 0.00	48.09 1.04 0.00	51.30 1.07 0.00	48.53 1.26 0.00	43.06 1.19 0.00	51.10 1.63 0.00	49.92 1.70 0.00	52.48 1.71 0.00	56.56 1.22 0.00	57.23 0.96 0.00
WHITEHAL_115KV_TB1 80871	43.69 2.11 0.00	49.04 2.83 0.00	39.84 2.34 0.00	36.11 2.05 0.00	36.75 2.23 0.00	36.30 2.28 0.00	40.79 2.49 0.00	45.96 2.45 0.00	59.17 2.85 0.00	61.95 2.52 0.00	55.24 2.40 0.00	43.89 2.13 0.00	41.07 2.27 0.00	41.11 2.64 0.00	43.96 2.57 0.00	50.12 3.07 0.00	53.60 3.38 0.00	51.01 3.74 0.00	45.39 3.52 0.00	53.20 3.73 0.00	51.34 3.12 0.00	53.91 3.14 0.00	58.25 2.91 0.00	58.50 2.24 0.00
WHITEPLN_13_KV_LOAD 356215	42.45 0.87 0.00	47.30 1.09 0.00	38.44 0.93 0.00	35.01 0.95 0.00	35.44 0.91 0.00	35.02 1.00 0.00	39.38 1.08 0.00	44.57 1.05 0.00	57.69 1.37 0.00	61.06 1.62 0.00	54.47 1.63 0.00	43.08 1.32 0.00	40.36 1.56 0.00	40.05 1.58 0.00	42.92 1.53 0.00	48.84 1.79 0.00	52.14 1.92 0.00	49.33 2.06 0.00	43.78 1.91 0.00	51.93 2.46 0.00	50.67 2.46 0.00	53.25 2.48 0.00	57.37 2.03 0.00	58.00 1.73 0.00
WM_FLOYD_69_KV_BK2 356380	41.54 -0.04 0.00	46.42 0.20 0.00	37.65 0.14 0.00	34.38 0.32 0.00	34.60 0.07 0.00	34.14 0.13 0.00	38.69 0.39 0.00	43.73 0.21 0.00	56.31 -0.01 0.00	60.21 0.65 -0.13	56.54 0.86 -2.83	42.69 0.81 -0.12	41.44 1.28 -1.36	40.96 1.33 -1.17	41.55 0.95 0.79	45.70 1.28 2.63	48.12 1.25 3.35	50.33 1.41 -1.64	42.90 1.16 0.13	54.85 1.40 -3.98	54.40 1.76 -4.43	58.19 2.01 -5.41	62.96 1.51 -6.11	58.87 1.18 -1.43
WOODARD___115KV_TB2 355635	41.28 -0.30 0.00	45.79 -0.43 0.00	37.10 -0.41 0.00	33.60 -0.46 0.00	34.09 -0.44 0.00	33.65 -0.37 0.00	37.93 -0.37 0.00	43.19 -0.33 0.00	55.99 -0.33 0.00	59.21 -0.23 0.00	52.62 -0.22 0.00	41.52 -0.24 0.00	38.51 -0.28 0.00	38.19 -0.28 0.00	41.17 -0.23 0.00	46.79 -0.26 0.00	50.00 -0.23 0.00	47.13 -0.14 0.00	41.72 -0.15 0.00	49.31 -0.16 0.00	48.06 -0.16 0.00	50.56 -0.21 0.00	55.11 -0.24 0.00	56.04 -0.22 0.00
YORK___WARBASSE 23770	57.94 1.12 -15.24	53.96 1.32 -6.42	53.28 1.13 -14.64	53.27 1.16 -18.04	53.27 1.10 -17.63	53.26 1.26 -17.98	53.34 1.34 -13.71	53.97 1.21 -9.25	58.82 1.49 -1.01	61.32 1.79 -0.10	57.48 1.83 -2.81	57.75 1.50 -14.49	56.48 1.76 -15.92	57.17 1.78 -16.93	56.33 1.72 -13.22	60.19 1.97 -11.17	63.96 2.08 -11.65	60.29 2.23 -10.78	57.32 2.00 -13.45	62.74 2.53 -10.73	64.94 2.53 -14.20	64.19 2.54 -10.87	62.17 2.06 -4.76	63.49 1.79 -5.44