

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

10/25/2025

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	53.06	51.37	51.08	48.94	54.75	46.53	51.85	69.06	70.35	51.77	45.26	44.48	39.26	44.37	44.51	49.97	58.44	63.60	56.21	59.48	63.07	62.05	52.78	48.48
24138	2.62	2.47	2.21	2.01	2.17	1.93	1.94	2.76	2.86	2.44	2.36	2.42	2.09	2.37	2.44	2.47	2.55	2.34	2.14	2.11	2.24	2.41	2.02	1.53
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	53.09	51.40	51.20	49.12	54.96	46.71	52.04	69.27	70.47	51.86	45.35	44.55	39.33	44.45	44.59	50.06	58.55	63.75	56.37	59.66	63.26	62.24	52.92	48.59
24260	2.65	2.51	2.33	2.19	2.38	2.11	2.13	2.97	2.99	2.53	2.44	2.50	2.16	2.45	2.52	2.56	2.66	2.49	2.31	2.29	2.42	2.60	2.17	1.65
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	53.09	51.40	51.20	49.12	54.96	46.71	52.04	69.27	70.47	51.86	45.35	44.55	39.33	44.45	44.59	50.06	58.55	63.75	56.37	59.66	63.26	62.24	52.92	48.59
24261	2.65	2.51	2.33	2.19	2.38	2.11	2.13	2.97	2.99	2.53	2.44	2.50	2.16	2.45	2.52	2.56	2.66	2.49	2.31	2.29	2.42	2.60	2.17	1.65
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	52.02	50.66	50.46	48.43	54.31	46.02	51.73	68.80	69.58	50.05	43.07	42.52	37.79	42.65	43.13	48.96	57.84	64.00	56.38	59.92	63.48	61.66	52.42	48.52
24011	1.57	1.77	1.59	1.49	1.73	1.43	1.82	2.50	2.10	0.72	0.16	0.47	0.62	0.65	1.05	1.47	1.95	2.74	2.32	2.55	2.65	2.02	1.66	1.58
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	52.14	50.82	50.55	48.54	54.50	46.18	52.08	69.33	69.98	50.11	43.01	42.50	37.84	42.73	43.29	49.24	58.22	64.51	56.75	60.41	63.95	61.84	52.57	48.74
23798	1.69	1.93	1.68	1.61	1.92	1.58	2.17	3.02	2.50	0.78	0.10	0.45	0.67	0.72	1.21	1.75	2.33	3.26	2.69	3.04	3.12	2.19	1.81	1.79
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	52.02	50.66	50.46	48.43	54.31	46.02	51.73	68.80	69.58	50.05</														

ALBANY___2 23572	50.00 -0.44 0.00	48.62 -0.27 0.00	48.46 -0.40 0.00	46.48 -0.45 0.00	52.02 -0.56 0.00	44.12 -0.48 0.00	49.28 -0.63 0.00	65.57 -0.73 0.00	66.58 -0.90 0.00	48.48 -0.85 0.00	42.05 -0.86 0.00	41.28 -0.77 0.00	36.72 -0.46 0.00	41.42 -0.58 0.00	41.65 -0.43 0.00	46.99 -0.51 0.00	55.49 -0.40 0.00	60.83 -0.43 0.00	53.65 -0.42 0.00	56.86 -0.51 0.00	60.40 -0.43 0.00	59.17 -0.47 0.00	50.25 -0.51 0.00	46.37 -0.57 0.00
ALBANY___3 23573	50.00 -0.44 0.00	48.62 -0.27 0.00	48.46 -0.40 0.00	46.48 -0.45 0.00	52.02 -0.56 0.00	44.12 -0.48 0.00	49.28 -0.63 0.00	65.57 -0.73 0.00	66.58 -0.90 0.00	48.48 -0.85 0.00	42.05 -0.86 0.00	41.28 -0.77 0.00	36.72 -0.46 0.00	41.42 -0.58 0.00	41.65 -0.43 0.00	46.99 -0.51 0.00	55.49 -0.40 0.00	60.83 -0.43 0.00	53.65 -0.42 0.00	56.86 -0.51 0.00	60.40 -0.43 0.00	59.17 -0.47 0.00	50.25 -0.51 0.00	46.37 -0.57 0.00
ALBANY___4 23574	50.00 -0.44 0.00	48.62 -0.27 0.00	48.46 -0.40 0.00	46.48 -0.45 0.00	52.02 -0.56 0.00	44.12 -0.48 0.00	49.28 -0.63 0.00	65.57 -0.73 0.00	66.58 -0.90 0.00	48.48 -0.85 0.00	42.05 -0.86 0.00	41.28 -0.77 0.00	36.72 -0.46 0.00	41.42 -0.58 0.00	41.65 -0.43 0.00	46.99 -0.51 0.00	55.49 -0.40 0.00	60.83 -0.43 0.00	53.65 -0.42 0.00	56.86 -0.51 0.00	60.40 -0.43 0.00	59.17 -0.47 0.00	50.25 -0.51 0.00	46.37 -0.57 0.00
ALBANY___LFGE 323615	50.56 0.11 0.00	49.15 0.25 0.00	48.97 0.10 0.00	46.95 0.02 0.00	52.56 -0.02 0.00	44.62 0.03 0.00	49.83 -0.08 0.00	66.34 0.03 0.00	67.34 -0.14 0.00	48.98 -0.35 0.00	42.47 -0.44 0.00	41.72 -0.33 0.00	37.10 -0.08 0.00	41.85 -0.15 0.00	42.09 0.02 0.00	47.52 0.02 0.00	56.16 0.27 0.00	61.60 0.34 0.00	54.32 0.26 0.00	57.57 0.20 0.00	61.16 0.32 0.00	59.88 0.24 0.00	50.84 0.08 0.00	46.91 -0.04 0.00
ALCOA_PA_115KV_PL-6C 55860	51.94 1.49 0.00	50.14 1.25 0.00	50.16 1.30 0.00	48.20 1.27 0.00	54.06 1.48 0.00	45.83 1.23 0.00	51.38 1.48 0.00	68.26 1.97 0.00	69.59 2.11 0.00	50.95 1.62 0.00	44.23 1.32 0.00	43.14 1.09 0.00	38.09 0.91 0.00	43.01 1.01 0.00	43.02 0.94 0.00	48.59 1.09 0.00	57.32 1.43 0.00	63.01 1.75 0.00	55.60 1.54 0.00	59.08 1.71 0.00	62.54 1.71 0.00	61.28 1.64 0.00	52.20 1.44 0.00	48.55 1.61 0.00
ALCOA_RYNLDS___DRP 24188	51.94 1.49 0.00	50.14 1.25 0.00	50.16 1.30 0.00	48.20 1.27 0.00	54.06 1.48 0.00	45.83 1.23 0.00	51.38 1.48 0.00	68.26 1.97 0.00	69.59 2.11 0.00	50.95 1.62 0.00	44.23 1.32 0.00	43.14 1.09 0.00	38.09 0.91 0.00	43.01 1.01 0.00	43.02 0.94 0.00	48.59 1.09 0.00	57.32 1.43 0.00	63.01 1.75 0.00	55.60 1.54 0.00	59.08 1.71 0.00	62.54 1.71 0.00	61.28 1.64 0.00	52.20 1.44 0.00	48.55 1.61 0.00
ALCOA___DSASP 323711	51.94 1.49 0.00	50.14 1.25 0.00	50.16 1.29 0.00	48.20 1.27 0.00	54.06 1.47 0.00	45.83 1.24 0.00	51.38 1.48 0.00	68.26 1.97 0.00	69.60 2.11 0.00	50.94 1.61 0.00	44.23 1.33 0.00	43.14 1.09 0.00	38.09 0.92 0.00	43.01 1.01 0.00	43.02 0.94 0.00	48.59 1.09 0.00	57.32 1.43 0.00	63.01 1.75 0.00	55.60 1.54 0.00	59.08 1.71 0.00	62.54 1.70 0.00	61.28 1.64 0.00	52.20 1.44 0.00	48.55 1.61 0.00
ALLEGHENY___COGEN 23514	52.51 2.06 0.00	50.34 1.45 0.00	50.61 1.74 0.00	48.69 1.76 0.00	54.74 2.16 0.00	46.41 1.82 0.00	52.08 2.17 0.00	68.94 2.64 0.00	70.17 2.69 0.00	50.50 1.17 0.00	43.97 1.06 0.00	43.55 1.50 0.00	38.10 0.93 0.00	43.22 1.21 0.00	43.22 1.15 0.00	49.80 2.31 0.00	58.30 2.41 0.00	63.59 2.33 0.00	56.47 2.41 0.00	60.17 2.80 0.00	63.60 2.76 0.00	62.35 2.70 0.00	52.99 2.23 0.00	48.88 1.94 0.00
ALTAMONT_115KV_TB 2 55880	50.79 0.34 0.00	49.39 0.50 0.00	49.28 0.42 0.00	47.28 0.35 0.00	52.94 0.36 0.00	44.85 0.26 0.00	50.05 0.14 0.00	66.58 0.28 0.00	67.65 0.16 0.00	49.35 0.02 0.00	42.85 -0.06 0.00	42.07 0.01 0.00	37.28 0.10 0.00	42.14 0.13 0.00	42.31 0.24 0.00	47.73 0.23 0.00	56.23 0.34 0.00	61.58 0.32 0.00	54.33 0.27 0.00	57.59 0.21 0.00	61.18 0.34 0.00	60.01 0.37 0.00	51.02 0.26 0.00	47.07 0.12 0.00
ALTONA_WT_PWR 323606	51.49 1.05 0.00	49.76 0.87 0.00	49.75 0.88 0.00	47.76 0.83 0.00	53.55 0.96 0.00	45.43 0.84 0.00	50.80 0.90 0.00	67.56 1.26 0.00	68.80 1.32 0.00	50.37 1.04 0.00	43.72 0.81 0.00	42.55 0.50 0.00	37.52 0.34 0.00	42.46 0.45 0.00	42.61 0.53 0.00	48.31 0.82 0.00	56.84 0.95 0.00	62.50 1.24 0.00	55.09 1.03 0.00	58.59 1.22 0.00	62.02 1.18 0.00	60.62 0.97 0.00	51.85 1.10 0.00	48.27 1.32 0.00
AMERICAN_REF_FUEL 24010	46.38 -1.40 2.67	44.46 -2.15 2.28	45.54 -1.63 1.70	43.52 -1.43 1.98	49.62 -1.30 1.65	42.85 -1.00 0.75	47.42 -1.10 1.39	61.29 -2.43 2.58	64.16 -1.84 1.48	48.49 -0.34 0.50	43.40 0.49 0.00	42.77 0.72 0.00	37.56 0.39 0.00	42.30 0.30 0.00	41.36 -0.21 0.50	46.40 -0.16 0.93	54.03 -1.47 0.38	58.34 -2.88 0.04	51.60 -2.46 0.00	55.03 -2.30 0.03	57.12 -2.79 0.93	55.96 -2.29 1.39	47.43 -1.66 1.67	45.25 -1.08 0.62
ARKWRIGHT___SUMMIT_WT_PWR 323751	47.13 0.22 3.54	45.42 -0.45 3.03	46.68 0.06 2.25	44.49 0.18 2.63	50.94 0.55 2.20	43.99 0.38 0.99	48.58 0.51 1.84	62.98 0.10 3.42	66.01 0.51 1.99	49.82 1.16 0.67	44.51 1.60 0.00	43.83 1.78 0.00	38.61 1.44 0.00	43.38 1.38 0.00	42.13 0.72 0.67	47.39 1.14 1.24	55.93 0.54 0.50	60.67 -0.54 0.05	53.82 -0.24 0.00	57.24 -0.09 0.04	59.44 -0.17 1.23	58.02 0.22 1.85	48.99 0.45 2.22	46.54 0.42 0.82
ARTHUR KILL_GT_1 23520	80.63 3.12 -27.07	51.87 2.98 0.00	51.72 2.85 0.00	49.62 2.69 0.00	55.52 2.94 0.00	47.20 2.61 0.00	52.65 2.74 0.00	69.66 3.36 0.00	70.48 3.00 0.00	51.77 2.44 0.00	45.17 2.26 0.00	44.37 2.32 0.00	39.18 2.00 0.00	44.25 2.25 0.00	44.44 2.36 0.00	49.87 2.38 0.00	58.41 2.52 0.00	63.62 2.36 0.00	56.29 2.23 0.00	59.64 2.27 0.00	63.25 2.41 0.00	62.26 2.62 0.00	53.45 2.69 0.00	49.05 2.11 0.00
ARTHUR_KILL_2 23512	80.50 2.98 -27.08	51.74 2.84 -0.01	51.58 2.70 -0.01	49.44 2.50 -0.01	55.33 2.74 -0.01	47.07 2.47 -0.01	52.49 2.58 0.00	69.46 3.16 0.00	70.26 2.78 0.00	51.62 2.29 0.00	45.06 2.15 0.00	44.27 2.22 0.00	39.10 1.92 0.00	44.14 2.14 0.00	44.32 2.25 0.00	49.73 2.23 0.00	58.23 2.34 0.00	63.43 2.17 0.00	56.12 2.06 0.00	59.44 2.07 0.00	63.05 2.21 0.00	62.06 2.42 0.00	53.29 2.53 -0.01	48.92 1.96 -0.01
ARTHUR_KILL_3 23513	52.54 2.09 0.00	50.88 1.99 0.00	50.66 1.79 0.00	48.56 1.63 0.00	54.36 1.78 0.00	46.23 1.64 0.00	51.54 1.63 0.00	68.62 2.32 0.00	69.83 2.35 0.00	51.36 2.03 0.00	44.88 1.98 0.00	44.10 2.05 0.00	38.95 1.78 0.00	44.01 2.01 0.00	44.16 2.09 0.00	49.58 2.08 0.00	57.98 2.09 0.00	63.12 1.86 0.00	55.82 1.76 0.00	59.09 1.72 0.00	62.68 1.84 0.00	61.66 2.02 0.00	52.37 1.62 0.00	48.09 1.15 0.00

ARTHUR_KILL_COGEN 323718	80.63 3.11 -27.08	51.88 2.98 -0.01	51.71 2.83 -0.01	49.56 2.63 -0.01	55.48 2.89 -0.01	47.20 2.60 -0.01	52.64 2.74 0.00	69.66 3.36 0.00	70.46 2.98 0.00	51.76 2.43 0.00	45.17 2.27 0.00	44.37 2.32 0.00	39.18 2.00 0.00	44.25 2.25 0.00	44.44 2.36 0.00	49.86 2.37 0.00	58.41 2.52 0.00	63.62 2.36 0.00	56.29 2.23 0.00	59.64 2.27 0.00	63.25 2.41 0.00	62.26 2.62 0.00	53.45 2.68 -0.01	49.06 2.10 -0.01
ASHOKAN____ 23654	51.97 1.53 0.00	50.43 1.54 0.00	50.27 1.40 0.00	48.20 1.27 0.00	54.24 1.66 0.00	46.13 1.53 0.00	51.16 1.25 0.00	68.28 1.98 0.00	69.42 1.94 0.00	50.51 1.18 0.00	43.67 0.76 0.00	42.63 0.58 0.00	37.98 0.81 0.00	43.02 1.02 0.00	43.35 1.27 0.00	48.92 1.43 0.00	57.73 1.84 0.00	63.28 2.02 0.00	55.99 1.93 0.00	59.33 1.96 0.00	62.93 2.09 0.00	61.66 2.02 0.00	52.31 1.55 0.00	48.08 1.13 0.00
ASTORIA_EAST_ENERGY_CC1 323581	52.34 1.90 0.01	49.66 1.79 1.02	41.92 1.65 8.60	35.55 1.52 12.90	35.54 1.63 18.67	41.12 1.51 5.00	51.50 1.59 0.00	68.58 2.28 0.00	69.90 2.41 0.00	51.51 2.19 0.00	45.05 2.14 0.00	44.18 2.13 0.00	39.00 1.82 0.00	44.02 2.02 0.00	44.20 2.13 0.00	49.55 2.05 0.00	57.92 2.03 0.00	63.06 1.80 0.00	55.73 1.68 0.01	58.97 1.60 0.01	62.51 1.68 0.01	61.52 1.88 0.01	52.37 1.61 0.00	47.98 1.05 0.01
ASTORIA_EAST_ENERGY_CC2 323582	52.33 1.89 0.01	49.64 1.77 1.02	41.87 1.61 8.60	35.52 1.50 12.90	35.52 1.60 18.67	41.10 1.50 5.00	51.48 1.57 0.00	68.54 2.24 0.00	69.87 2.39 0.00	51.50 2.17 0.00	45.05 2.14 0.00	44.16 2.11 0.00	38.98 1.81 0.00	44.00 2.00 0.00	44.18 2.10 0.00	49.52 2.02 0.00	57.89 2.01 0.00	63.03 1.77 0.00	55.69 1.64 0.01	58.92 1.56 0.01	62.49 1.66 0.01	61.50 1.86 0.01	52.33 1.57 0.00	47.96 1.03 0.01
ASTORIA_GT2_1 24094	52.36 1.91 0.00	49.67 1.80 1.02	41.94 1.67 8.60	35.61 1.58 12.90	35.57 1.66 18.67	41.14 1.53 5.00	51.50 1.59 0.00	68.58 2.28 0.00	69.89 2.41 0.00	51.51 2.18 0.00	45.05 2.14 0.00	44.18 2.13 0.00	39.00 1.83 0.00	44.02 2.02 0.00	44.20 2.13 0.00	49.54 2.05 0.00	57.92 2.03 0.00	63.06 1.80 0.00	55.73 1.68 0.01	58.97 1.60 0.01	62.51 1.68 0.01	61.53 1.90 0.01	52.37 1.61 0.00	47.99 1.05 0.01
ASTORIA_GT2_2 24095	52.36 1.91 0.00	49.67 1.80 1.02	41.94 1.67 8.60	35.61 1.58 12.90	35.57 1.66 18.67	41.14 1.53 5.00	51.50 1.59 0.00	68.58 2.28 0.00	69.89 2.41 0.00	51.51 2.18 0.00	45.05 2.14 0.00	44.18 2.13 0.00	39.00 1.83 0.00	44.02 2.02 0.00	44.20 2.13 0.00	49.54 2.05 0.00	57.92 2.03 0.00	63.06 1.80 0.00	55.73 1.68 0.01	58.97 1.60 0.01	62.51 1.68 0.01	61.53 1.90 0.01	52.37 1.61 0.00	47.99 1.05 0.01
ASTORIA_GT2_3 24096	52.36 1.91 0.00	49.67 1.80 1.02	41.94 1.67 8.60	35.61 1.58 12.90	35.57 1.66 18.67	41.14 1.53 5.00	51.50 1.59 0.00	68.58 2.28 0.00	69.89 2.41 0.00	51.51 2.18 0.00	45.05 2.14 0.00	44.18 2.13 0.00	39.00 1.83 0.00	44.02 2.02 0.00	44.20 2.13 0.00	49.54 2.05 0.00	57.92 2.03 0.00	63.06 1.80 0.00	55.73 1.68 0.01	58.97 1.60 0.01	62.51 1.68 0.01	61.53 1.90 0.01	52.37 1.61 0.00	47.99 1.05 0.01
ASTORIA_GT2_4 24097	52.36 1.91 0.00	49.67 1.80 1.02	41.94 1.67 8.60	35.61 1.58 12.90	35.57 1.66 18.67	41.14 1.53 5.00	51.50 1.59 0.00	68.58 2.28 0.00	69.89 2.41 0.00	51.51 2.18 0.00	45.05 2.14 0.00	44.18 2.13 0.00	39.00 1.83 0.00	44.02 2.02 0.00	44.20 2.13 0.00	49.54 2.05 0.00	57.92 2.03 0.00	63.06 1.80 0.00	55.73 1.68 0.01	58.97 1.60 0.01	62.51 1.68 0.01	61.53 1.90 0.01	52.37 1.61 0.00	47.99 1.05 0.01
ASTORIA_GT3_1 24098	52.36 1.91 0.00	49.67 1.80 1.02	41.94 1.67 8.60	35.61 1.58 12.90	35.57 1.66 18.67	41.14 1.53 5.00	51.50 1.59 0.00	68.58 2.28 0.00	69.89 2.41 0.00	51.51 2.18 0.00	45.05 2.14 0.00	44.18 2.13 0.00	39.00 1.83 0.00	44.02 2.02 0.00	44.20 2.13 0.00	49.54 2.05 0.00	57.92 2.03 0.00	63.06 1.80 0.00	55.73 1.68 0.01	58.97 1.60 0.01	62.51 1.68 0.01	61.53 1.90 0.01	52.37 1.61 0.00	47.99 1.05 0.01
ASTORIA_GT3_2 24099	52.36 1.91 0.00	49.67 1.80 1.02	41.94 1.67 8.60	35.61 1.58 12.90	35.57 1.66 18.67	41.14 1.53 5.00	51.50 1.59 0.00	68.58 2.28 0.00	69.89 2.41 0.00	51.51 2.18 0.00	45.05 2.14 0.00	44.18 2.13 0.00	39.00 1.83 0.00	44.02 2.02 0.00	44.20 2.13 0.00	49.54 2.05 0.00	57.92 2.03 0.00	63.06 1.80 0.00	55.73 1.68 0.01	58.97 1.60 0.01	62.51 1.68 0.01	61.53 1.90 0.01	52.37 1.61 0.00	47.99 1.05 0.01
ASTORIA_GT3_3 24100	52.36 1.91 0.00	49.67 1.80 1.02	41.94 1.67 8.60	35.61 1.58 12.90	35.57 1.66 18.67	41.14 1.53 5.00	51.50 1.59 0.00	68.58 2.28 0.00	69.89 2.41 0.00	51.51 2.18 0.00	45.05 2.14 0.00	44.18 2.13 0.00	39.00 1.83 0.00	44.02 2.02 0.00	44.20 2.13 0.00	49.54 2.05 0.00	57.92 2.03 0.00	63.06 1.80 0.00	55.73 1.68 0.01	58.97 1.60 0.01	62.51 1.68 0.01	61.53 1.90 0.01	52.37 1.61 0.00	47.99 1.05 0.01
ASTORIA_GT3_4 24101	52.36 1.91 0.00	49.67 1.80 1.02	41.94 1.67 8.60	35.61 1.58 12.90	35.57 1.66 18.67	41.14 1.53 5.00	51.50 1.59 0.00	68.58 2.28 0.00	69.89 2.41 0.00	51.51 2.18 0.00	45.05 2.14 0.00	44.18 2.13 0.00	39.00 1.83 0.00	44.02 2.02 0.00	44.20 2.13 0.00	49.54 2.05 0.00	57.92 2.03 0.00	63.06 1.80 0.00	55.73 1.68 0.01	58.97 1.60 0.01	62.51 1.68 0.01	61.53 1.90 0.01	52.37 1.61 0.00	47.99 1.05 0.01
ASTORIA_GT4_1 24102	52.36 1.91 0.00	49.67 1.80 1.02	41.94 1.67 8.60	35.61 1.58 12.90	35.57 1.66 18.67	41.14 1.53 5.00	51.50 1.59 0.00	68.58 2.28 0.00	69.89 2.41 0.00	51.51 2.18 0.00	45.05 2.14 0.00	44.18 2.13 0.00	39.00 1.83 0.00	44.02 2.02 0.00	44.20 2.13 0.00	49.54 2.05 0.00	57.92 2.03 0.00	63.06 1.80 0.00	55.73 1.68 0.01	58.97 1.60 0.01	62.51 1.68 0.01	61.53 1.90 0.01	52.37 1.61 0.00	47.99 1.05 0.01
ASTORIA_GT4_2 24103	52.36 1.91 0.00	49.67 1.80 1.02	41.94 1.67 8.60	35.61 1.58 12.90	35.57 1.66 18.67	41.14 1.53 5.00	51.50 1.59 0.00	68.58 2.28 0.00	69.89 2.41 0.00	51.51 2.18 0.00	45.05 2.14 0.00	44.18 2.13 0.00	39.00 1.83 0.00	44.02 2.02 0.00	44.20 2.13 0.00	49.54 2.05 0.00	57.92 2.03 0.00	63.06 1.80 0.00	55.73 1.68 0.01	58.97 1.60 0.01	62.51 1.68 0.01	61.53 1.90 0.01	52.37 1.61 0.00	47.99 1.05 0.01
ASTORIA_GT4_3 24104	52.36 1.91 0.00	49.67 1.80 1.02	41.94 1.67 8.60	35.61 1.58 12.90	35.57 1.66 18.67	41.14 1.53 5.00	51.50 1.59 0.00	68.58 2.28 0.00	69.89 2.41 0.00	51.51 2.18 0.00	45.05 2.14 0.00	44.18 2.13 0.00	39.00 1.83 0.00	44.02 2.02 0.00	44.20 2.13 0.00	49.54 2.05 0.00	57.92 2.03 0.00	63.06 1.80 0.00	55.73 1.68 0.01	58.97 1.60 0.01	62.51 1.68 0.01	61.53 1.90 0.01	52.37 1.61 0.00	47.99 1.05 0.01

ASTORIA_GT4_4 24105	52.36 1.91 0.00	49.67 1.80 1.02	41.94 1.67 8.60	35.61 1.58 12.90	35.57 1.66 18.67	41.14 1.53 5.00	51.50 1.59 0.00	68.58 2.28 0.00	69.89 2.41 0.00	51.51 2.18 0.00	45.05 2.14 0.00	44.18 2.13 0.00	39.00 1.83 0.00	44.02 2.02 0.00	44.20 2.13 0.00	49.54 2.05 0.00	57.92 2.03 0.00	63.06 1.80 0.00	55.73 1.68 0.01	58.97 1.60 0.01	62.51 1.68 0.01	61.53 1.90 0.01	52.37 1.61 0.00	47.99 1.05 0.01
ASTORIA_GT_1 23523	52.44 2.00 0.00	49.75 1.87 1.02	42.01 1.74 8.60	35.66 1.64 12.90	35.66 1.75 18.67	41.20 1.60 5.00	51.59 1.68 0.00	68.71 2.40 0.00	70.02 2.54 0.00	51.61 2.28 0.00	45.14 2.23 0.00	44.26 2.21 0.00	39.07 1.89 0.00	44.09 2.09 0.00	44.28 2.21 0.00	49.63 2.14 0.00	58.03 2.14 0.00	63.17 1.91 0.00	55.83 1.78 0.01	59.08 1.72 0.01	62.63 1.80 0.01	61.63 1.99 0.01	52.46 1.70 0.00	48.06 1.13 0.01
ASTORIA_GT_10 24110	52.78 2.34 0.00	51.09 2.20 0.00	50.93 2.07 0.00	48.87 1.94 0.00	54.66 2.08 0.00	46.50 1.90 0.00	51.84 1.93 0.00	68.96 2.66 0.00	70.12 2.64 0.00	51.64 2.31 0.00	45.14 2.23 0.00	44.33 2.28 0.00	39.16 1.99 0.00	44.23 2.22 0.00	44.39 2.32 0.00	49.79 2.29 0.00	58.21 2.33 0.00	63.34 2.08 0.00	56.01 1.95 0.00	59.26 1.90 0.00	62.86 2.02 0.00	61.85 2.21 0.00	52.65 1.89 0.00	48.33 1.39 0.00
ASTORIA_GT_11 24225	52.78 2.34 0.00	51.09 2.20 0.00	50.93 2.07 0.00	48.87 1.94 0.00	54.66 2.08 0.00	46.50 1.90 0.00	51.84 1.93 0.00	68.96 2.66 0.00	70.12 2.64 0.00	51.64 2.31 0.00	45.14 2.23 0.00	44.33 2.28 0.00	39.16 1.99 0.00	44.23 2.22 0.00	44.39 2.32 0.00	49.79 2.29 0.00	58.21 2.33 0.00	63.34 2.08 0.00	56.01 1.95 0.00	59.26 1.90 0.00	62.86 2.02 0.00	61.85 2.21 0.00	52.65 1.89 0.00	48.33 1.39 0.00
ASTORIA_GT_12 24226	52.78 2.34 0.00	51.09 2.20 0.00	50.93 2.07 0.00	48.87 1.94 0.00	54.66 2.08 0.00	46.50 1.90 0.00	51.84 1.93 0.00	68.96 2.66 0.00	70.12 2.64 0.00	51.64 2.31 0.00	45.14 2.23 0.00	44.33 2.28 0.00	39.16 1.99 0.00	44.23 2.22 0.00	44.39 2.32 0.00	49.79 2.29 0.00	58.21 2.33 0.00	63.34 2.08 0.00	56.01 1.95 0.00	59.26 1.90 0.00	62.86 2.02 0.00	61.85 2.21 0.00	52.65 1.89 0.00	48.33 1.39 0.00
ASTORIA_GT_13 24227	52.78 2.34 0.00	51.09 2.20 0.00	50.93 2.07 0.00	48.87 1.94 0.00	54.66 2.08 0.00	46.50 1.90 0.00	51.84 1.93 0.00	68.96 2.66 0.00	70.12 2.64 0.00	51.64 2.31 0.00	45.14 2.23 0.00	44.33 2.28 0.00	39.16 1.99 0.00	44.23 2.22 0.00	44.39 2.32 0.00	49.79 2.29 0.00	58.21 2.33 0.00	63.34 2.08 0.00	56.01 1.95 0.00	59.26 1.90 0.00	62.86 2.02 0.00	61.85 2.21 0.00	52.65 1.89 0.00	48.33 1.39 0.00
ASTORIA_GT_5 24106	52.44 2.00 0.00	49.75 1.87 1.02	42.01 1.74 8.60	35.66 1.64 12.90	35.66 1.75 18.67	41.20 1.60 5.00	51.59 1.68 0.00	68.71 2.40 0.00	70.02 2.54 0.00	51.61 2.28 0.00	45.14 2.23 0.00	44.26 2.21 0.00	39.07 1.89 0.00	44.09 2.09 0.00	44.28 2.21 0.00	49.63 2.14 0.00	58.03 2.14 0.00	63.17 1.91 0.00	55.83 1.78 0.01	59.08 1.72 0.01	62.63 1.80 0.01	61.63 1.99 0.01	52.46 1.70 0.00	48.06 1.13 0.01
ASTORIA_GT_7 24107	52.44 2.00 0.00	49.75 1.87 1.02	42.01 1.74 8.60	35.66 1.64 12.90	35.66 1.75 18.67	41.20 1.60 5.00	51.59 1.68 0.00	68.71 2.40 0.00	70.02 2.54 0.00	51.61 2.28 0.00	45.14 2.23 0.00	44.26 2.21 0.00	39.07 1.89 0.00	44.09 2.09 0.00	44.28 2.21 0.00	49.63 2.14 0.00	58.03 2.14 0.00	63.17 1.91 0.00	55.83 1.78 0.01	59.08 1.72 0.01	62.63 1.80 0.01	61.63 1.99 0.01	52.46 1.70 0.00	48.06 1.13 0.01
ASTORIA_GT_8 24108	52.44 2.00 0.00	49.75 1.87 1.02	42.01 1.74 8.60	35.66 1.64 12.90	35.66 1.75 18.67	41.20 1.60 5.00	51.59 1.68 0.00	68.71 2.40 0.00	70.02 2.54 0.00	51.61 2.28 0.00	45.14 2.23 0.00	44.26 2.21 0.00	39.07 1.89 0.00	44.09 2.09 0.00	44.28 2.21 0.00	49.63 2.14 0.00	58.03 2.14 0.00	63.17 1.91 0.00	55.83 1.78 0.01	59.08 1.72 0.01	62.63 1.80 0.01	61.63 1.99 0.01	52.46 1.70 0.00	48.06 1.13 0.01
ASTORIA___2 24149	52.34 1.90 0.01	49.66 1.79 1.02	41.92 1.65 8.60	35.55 1.52 12.90	35.54 1.63 18.67	41.12 1.51 5.00	51.50 1.59 0.00	68.58 2.28 0.00	69.90 2.41 0.00	51.51 2.19 0.00	45.05 2.14 0.00	44.18 2.13 0.00	39.00 1.82 0.00	44.02 2.02 0.00	44.20 2.13 0.00	49.55 2.05 0.00	57.92 2.03 0.00	63.06 1.80 0.00	55.73 1.68 0.01	58.97 1.60 0.01	62.51 1.68 0.01	61.52 1.88 0.01	52.37 1.61 0.00	47.98 1.05 0.01
ASTORIA___3 23516	52.77 2.33 0.00	51.09 2.20 0.00	50.91 2.04 0.00	48.83 1.90 0.00	54.63 2.05 0.00	46.49 1.89 0.00	51.83 1.92 0.00	68.94 2.64 0.00	70.10 2.62 0.00	51.64 2.31 0.00	45.14 2.23 0.00	44.33 2.28 0.00	39.16 1.99 0.00	44.23 2.23 0.00	44.39 2.31 0.00	49.78 2.29 0.00	58.21 2.32 0.00	63.33 2.07 0.00	56.02 1.96 0.00	59.26 1.89 0.00	62.85 2.01 0.00	61.85 2.21 0.00	52.64 1.88 0.00	48.33 1.39 0.00
ASTORIA___4 23517	52.78 2.34 0.00	51.09 2.20 0.00	50.93 2.07 0.00	48.87 1.94 0.00	54.66 2.08 0.00	46.50 1.90 0.00	51.84 1.93 0.00	68.96 2.66 0.00	70.12 2.64 0.00	51.64 2.31 0.00	45.14 2.23 0.00	44.33 2.28 0.00	39.16 1.99 0.00	44.23 2.22 0.00	44.39 2.32 0.00	49.79 2.29 0.00	58.21 2.33 0.00	63.34 2.08 0.00	56.01 1.95 0.00	59.26 1.90 0.00	62.86 2.02 0.00	61.85 2.21 0.00	52.65 1.89 0.00	48.33 1.39 0.00
ASTORIA___5 23518	52.77 2.33 0.00	51.09 2.20 0.00	50.91 2.04 0.00	48.83 1.90 0.00	54.63 2.05 0.00	46.49 1.89 0.00	51.83 1.92 0.00	68.94 2.64 0.00	70.10 2.62 0.00	51.64 2.31 0.00	45.14 2.23 0.00	44.33 2.28 0.00	39.16 1.99 0.00	44.23 2.23 0.00	44.39 2.31 0.00	49.78 2.29 0.00	58.21 2.32 0.00	63.33 2.07 0.00	56.01 1.95 0.00	59.26 1.89 0.00	62.85 2.01 0.00	61.85 2.21 0.00	52.64 1.88 0.00	48.33 1.39 0.00
AST_ENERGY_2_CC3 323677	51.81 1.37 0.01	49.15 1.28 1.02	41.39 1.12 8.60	35.05 1.02 12.90	34.99 1.07 18.67	40.65 1.05 5.00	50.98 1.07 0.00	67.87 1.57 0.00	69.19 1.71 0.00	50.99 1.66 0.00	44.59 1.68 0.00	43.72 1.67 0.00	38.60 1.42 0.00	43.57 1.56 0.00	43.75 1.67 0.00	49.03 1.54 0.00	57.33 1.44 0.00	62.42 1.16 0.00	55.16 1.11 0.01	58.35 0.99 0.01	61.88 1.05 0.01	60.90 1.26 0.01	51.82 1.06 0.00	47.48 0.55 0.01
AST_ENERGY_2_CC4 323678	51.81 1.37 0.01	49.15 1.28 1.02	41.39 1.12 8.60	35.05 1.02 12.90	34.99 1.07 18.67	40.65 1.05 5.00	50.98 1.07 0.00	67.87 1.57 0.00	69.19 1.71 0.00	50.99 1.66 0.00	44.59 1.68 0.00	43.72 1.67 0.00	38.60 1.42 0.00	43.57 1.56 0.00	43.75 1.67 0.00	49.03 1.54 0.00	57.33 1.44 0.00	62.42 1.16 0.00	55.16 1.11 0.01	58.35 0.99 0.01	61.88 1.05 0.01	60.90 1.26 0.01	51.82 1.06 0.00	47.48 0.55 0.01

ATHENS_STG_1 23668	51.44 0.99 0.00	50.05 1.16 0.00	49.97 1.10 0.00	47.92 0.99 0.00	53.64 1.06 0.00	45.42 0.82 0.00	50.61 0.70 0.00	67.34 1.03 0.00	68.46 0.98 0.00	50.10 0.77 0.00	43.61 0.70 0.00	42.82 0.77 0.00	37.89 0.71 0.00	42.84 0.84 0.00	43.02 0.95 0.00	48.45 0.96 0.00	56.91 1.02 0.00	62.14 0.88 0.00	54.85 0.79 0.00	58.08 0.71 0.00	61.72 0.88 0.00	60.65 1.01 0.00	51.59 0.83 0.00	47.53 0.58 0.00
ATHENS_STG_2 23670	51.44 0.99 0.00	50.05 1.16 0.00	49.97 1.10 0.00	47.92 0.99 0.00	53.64 1.06 0.00	45.42 0.82 0.00	50.61 0.70 0.00	67.34 1.03 0.00	68.46 0.98 0.00	50.10 0.77 0.00	43.61 0.70 0.00	42.82 0.77 0.00	37.89 0.71 0.00	42.84 0.84 0.00	43.02 0.95 0.00	48.45 0.96 0.00	56.91 1.02 0.00	62.14 0.88 0.00	54.85 0.79 0.00	58.08 0.71 0.00	61.72 0.88 0.00	60.65 1.01 0.00	51.59 0.83 0.00	47.53 0.58 0.00
ATHENS_STG_3 23677	51.44 0.99 0.00	50.05 1.16 0.00	49.97 1.10 0.00	47.92 0.99 0.00	53.64 1.06 0.00	45.42 0.82 0.00	50.61 0.70 0.00	67.34 1.03 0.00	68.46 0.98 0.00	50.10 0.77 0.00	43.61 0.70 0.00	42.82 0.77 0.00	37.89 0.71 0.00	42.84 0.84 0.00	43.02 0.95 0.00	48.45 0.96 0.00	56.91 1.02 0.00	62.14 0.88 0.00	54.85 0.79 0.00	58.08 0.71 0.00	61.72 0.88 0.00	60.65 1.01 0.00	51.59 0.83 0.00	47.53 0.58 0.00
AUBURN___LFGE 323710	50.45 0.00 0.00	48.63 -0.26 0.00	48.78 -0.09 0.00	46.93 0.00 0.00	52.59 0.01 0.00	44.69 0.09 0.00	50.02 0.11 0.00	66.35 0.04 0.00	67.59 0.11 0.00	49.39 0.06 0.00	43.03 0.12 0.00	42.17 0.12 0.00	37.36 0.19 0.00	42.05 0.05 0.00	41.91 -0.16 0.00	47.43 -0.06 0.00	55.82 -0.07 0.00	61.12 -0.15 0.00	53.98 -0.08 0.00	57.31 -0.06 0.00	60.71 -0.12 0.00	59.49 -0.15 0.00	50.60 -0.15 0.00	46.71 -0.23 0.00
BABYLON_RES_REC 323704	52.19 1.75 0.00	50.66 1.77 0.00	50.41 1.54 0.00	48.23 1.30 0.00	51.91 1.28 1.96	42.07 1.04 3.57	16.94 0.77 33.73	20.47 1.20 47.03	19.42 1.19 49.25	20.59 1.14 29.88	44.65 1.74 0.00	43.73 1.68 0.00	38.63 1.46 0.00	43.62 1.62 0.00	43.49 1.41 0.00	46.34 1.02 2.19	46.29 0.69 10.29	61.73 0.47 0.00	31.82 0.20 22.44	33.59 0.07 23.84	45.58 0.36 15.62	47.91 0.68 12.41	48.24 1.07 3.59	45.16 0.67 2.45
BALL_HILL_WT_PWR 323825	46.89 -0.20 3.35	45.14 -0.89 2.87	46.34 -0.40 2.13	44.18 -0.26 2.49	50.50 -0.01 2.08	43.54 -0.12 0.94	48.05 -0.11 1.74	62.24 -0.82 3.24	65.20 -0.41 1.87	49.19 0.49 0.63	43.98 1.08 0.00	43.33 1.28 0.00	38.12 0.95 0.00	42.94 0.94 0.00	41.79 0.35 0.63	46.94 0.62 1.17	55.25 -0.17 0.48	59.91 -1.30 0.05	53.10 -0.97 0.00	56.61 -0.72 0.04	58.74 -0.93 1.16	57.33 -0.56 1.75	48.44 -0.22 2.10	46.03 -0.14 0.78
BARON_WINDS___WT_PWR 323822	51.85 -0.09 -1.50	49.72 -0.45 -1.28	49.72 -0.10 -0.95	48.03 -0.01 -1.11	53.64 0.14 -0.93	45.05 0.04 -0.42	50.65 -0.04 -0.78	67.41 -0.33 -1.45	67.81 -0.55 -0.88	49.24 -0.38 -0.29	42.88 -0.03 0.00	42.41 0.36 0.00	37.23 0.06 0.00	42.45 0.45 0.00	42.44 0.08 -0.28	48.49 0.48 -0.52	56.12 0.01 -0.21	60.54 -0.75 -0.02	53.51 -0.55 0.00	57.03 -0.36 -0.02	60.91 -0.44 -0.52	60.17 -0.25 -0.78	51.57 -0.12 -0.94	47.15 -0.14 -0.35
BARRETT_IC_1 23704	52.14 1.70 0.00	50.59 1.70 0.00	50.34 1.47 0.00	48.18 1.25 0.00	53.97 1.23 -0.16	45.66 0.94 -0.13	20.03 0.43 30.31	57.69 0.73 9.35	17.26 0.70 50.92	27.40 0.83 22.77	44.58 1.67 0.00	43.80 1.75 0.00	38.67 1.50 0.00	43.70 1.69 0.00	43.81 1.73 -0.01	49.06 1.38 -0.18	57.91 1.19 -0.83	62.37 1.12 0.00	56.72 0.84 -1.82	60.04 0.74 -1.93	62.94 0.84 -1.26	61.65 1.01 -1.00	51.94 0.89 -0.29	47.76 0.62 -0.20
BARRETT_IC_10 23701	52.14 1.70 0.00	50.59 1.70 0.00	50.34 1.47 0.00	48.18 1.25 0.00	53.97 1.23 -0.16	45.66 0.94 -0.13	20.03 0.43 30.31	57.69 0.73 9.35	17.26 0.70 50.92	27.40 0.83 22.77	44.58 1.67 0.00	43.80 1.75 0.00	38.67 1.50 0.00	43.70 1.69 0.00	43.81 1.73 -0.01	49.06 1.38 -0.18	57.91 1.19 -0.83	62.37 1.12 0.00	56.72 0.84 -1.82	60.04 0.74 -1.93	62.94 0.84 -1.26	61.65 1.01 -1.00	51.94 0.89 -0.29	47.76 0.62 -0.20
BARRETT_IC_11 23702	52.14 1.70 0.00	50.59 1.70 0.00	50.34 1.47 0.00	48.18 1.25 0.00	53.97 1.23 -0.16	45.66 0.94 -0.13	20.03 0.43 30.31	57.69 0.73 9.35	17.26 0.70 50.92	27.40 0.83 22.77	44.58 1.67 0.00	43.80 1.75 0.00	38.67 1.50 0.00	43.70 1.69 0.00	43.81 1.73 -0.01	49.06 1.38 -0.18	57.91 1.19 -0.83	62.37 1.12 0.00	56.72 0.84 -1.82	60.04 0.74 -1.93	62.94 0.84 -1.26	61.65 1.01 -1.00	51.94 0.89 -0.29	47.76 0.62 -0.20
BARRETT_IC_12 23703	52.14 1.70 0.00	50.59 1.70 0.00	50.34 1.47 0.00	48.18 1.25 0.00	53.97 1.23 -0.16	45.66 0.94 -0.13	20.03 0.43 30.31	57.69 0.73 9.35	17.26 0.70 50.92	27.40 0.83 22.77	44.58 1.67 0.00	43.80 1.75 0.00	38.67 1.50 0.00	43.70 1.69 0.00	43.81 1.73 -0.01	49.06 1.38 -0.18	57.91 1.19 -0.83	62.37 1.12 0.00	56.72 0.84 -1.82	60.04 0.74 -1.93	62.94 0.84 -1.26	61.65 1.01 -1.00	51.94 0.89 -0.29	47.76 0.62 -0.20
BARRETT_IC_2 23705	52.14 1.70 0.00	50.59 1.70 0.00	50.34 1.47 0.00	48.18 1.25 0.00	53.97 1.23 -0.16	45.66 0.94 -0.13	20.03 0.43 30.31	57.69 0.73 9.35	17.26 0.70 50.92	27.40 0.83 22.77	44.58 1.67 0.00	43.80 1.75 0.00	38.67 1.50 0.00	43.70 1.69 0.00	43.81 1.73 -0.01	49.06 1.38 -0.18	57.91 1.19 -0.83	62.37 1.12 0.00	56.72 0.84 -1.82	60.04 0.74 -1.93	62.94 0.84 -1.26	61.65 1.01 -1.00	51.94 0.89 -0.29	47.76 0.62 -0.20
BARRETT_IC_3 23706	52.14 1.70 0.00	50.59 1.70 0.00	50.34 1.47 0.00	48.18 1.25 0.00	53.97 1.23 -0.16	45.66 0.94 -0.13	20.03 0.43 30.31	57.69 0.73 9.35	17.26 0.70 50.92	27.40 0.83 22.77	44.58 1.67 0.00	43.80 1.75 0.00	38.67 1.50 0.00	43.70 1.69 0.00	43.81 1.73 -0.01	49.06 1.38 -0.18	57.91 1.19 -0.83	62.37 1.12 0.00	56.72 0.84 -1.82	60.04 0.74 -1.93	62.94 0.84 -1.26	61.65 1.01 -1.00	51.94 0.89 -0.29	47.76 0.62 -0.20
BARRETT_IC_4 23707	52.14 1.70 0.00	50.59 1.70 0.00	50.34 1.47 0.00	48.18 1.25 0.00	53.97 1.23 -0.16	45.66 0.94 -0.13	20.03 0.43 30.31	57.69 0.73 9.35	17.26 0.70 50.92	27.40 0.83 22.77	44.58 1.67 0.00	43.80 1.75 0.00	38.67 1.50 0.00	43.70 1.69 0.00	43.81 1.73 -0.01	49.06 1.38 -0.18	57.91 1.19 -0.83	62.37 1.12 0.00	56.72 0.84 -1.82	60.04 0.74 -1.93	62.94 0.84 -1.26	61.65 1.01 -1.00	51.94 0.89 -0.29	47.76 0.62 -0.20
BARRETT_IC_5 23708	52.14 1.70 0.00	50.59 1.70 0.00	50.34 1.47 0.00	48.18 1.25 0.00	53.97 1.23 -0.16	45.66 0.94 -0.13	20.03 0.43 30.31	57.69 0.73 9.35	17.26 0.70 50.92	27.40 0.83 22.77	44.58 1.67 0.00	43.80 1.75 0.00	38.67 1.50 0.00	43.70 1.69 0.00	43.81 1.73 -0.01	49.06 1.38 -0.18	57.91 1.19 -0.83	62.37 1.12 0.00	56.72 0.84 -1.82	60.04 0.74 -1.93	62.94 0.84 -1.26	61.65 1.01 -1.00	51.94 0.89 -0.29	47.76 0.62 -0.20

BARRETT_IC_6 23709	52.14 1.70 0.00	50.59 1.70 0.00	50.34 1.47 0.00	48.18 1.25 0.00	53.97 1.23 -0.16	45.66 0.94 -0.13	20.03 0.43 30.31	57.69 0.73 9.35	17.26 0.70 50.92	27.40 0.83 22.77	44.58 1.67 0.00	43.80 1.75 0.00	38.67 1.50 0.00	43.70 1.69 0.00	43.81 1.73 -0.01	49.06 1.38 -0.18	57.91 1.19 -0.83	62.37 1.12 0.00	56.72 0.84 -1.82	60.04 0.74 -1.93	62.94 0.84 -1.26	61.65 1.01 -1.00	51.94 0.89 -0.29	47.76 0.62 -0.20
BARRETT_IC_7 23710	52.15 1.71 0.00	50.59 1.69 0.00	50.36 1.50 0.00	48.23 1.30 0.00	53.98 1.25 -0.16	45.67 0.95 -0.13	20.06 0.45 30.31	57.72 0.77 9.35	17.29 0.73 50.92	27.41 0.85 22.77	44.58 1.67 0.00	43.80 1.75 0.00	38.66 1.49 0.00	43.70 1.69 0.00	43.81 1.73 -0.01	49.06 1.39 -0.18	57.91 1.19 -0.83	62.38 1.12 0.00	56.72 0.84 -1.82	60.04 0.74 -1.93	62.94 0.84 -1.26	61.65 1.01 -1.00	51.94 0.89 -0.29	47.76 0.62 -0.20
BARRETT_IC_8 23711	52.14 1.70 0.00	50.59 1.70 0.00	50.34 1.47 0.00	48.18 1.25 0.00	53.97 1.23 -0.16	45.66 0.94 -0.13	20.03 0.43 30.31	57.69 0.73 9.35	17.26 0.70 50.92	27.40 0.83 22.77	44.58 1.67 0.00	43.80 1.75 0.00	38.67 1.50 0.00	43.70 1.69 0.00	43.81 1.73 -0.01	49.06 1.38 -0.18	57.91 1.19 -0.83	62.37 1.12 0.00	56.72 0.84 -1.82	60.04 0.74 -1.93	62.94 0.84 -1.26	61.65 1.01 -1.00	51.94 0.89 -0.29	47.76 0.62 -0.20
BARRETT_IC_9 23700	52.14 1.70 0.00	50.59 1.70 0.00	50.34 1.47 0.00	48.18 1.25 0.00	53.97 1.23 -0.16	45.66 0.94 -0.13	20.03 0.43 30.31	57.69 0.73 9.35	17.26 0.70 50.92	27.40 0.83 22.77	44.58 1.67 0.00	43.80 1.75 0.00	38.67 1.50 0.00	43.70 1.69 0.00	43.81 1.73 -0.01	49.06 1.38 -0.18	57.91 1.19 -0.83	62.37 1.12 0.00	56.72 0.84 -1.82	60.04 0.74 -1.93	62.94 0.84 -1.26	61.65 1.01 -1.00	51.94 0.89 -0.29	47.76 0.62 -0.20
BARRETT___1 23545	52.14 1.70 0.00	50.59 1.70 0.00	50.34 1.47 0.00	48.18 1.25 0.00	53.97 1.23 -0.16	45.66 0.94 -0.13	20.03 0.43 30.31	57.69 0.73 9.35	17.26 0.70 50.92	27.40 0.83 22.77	44.58 1.67 0.00	43.80 1.75 0.00	38.67 1.50 0.00	43.70 1.69 0.00	43.81 1.73 -0.01	49.06 1.38 -0.18	57.91 1.19 -0.83	62.37 1.12 0.00	56.72 0.84 -1.82	60.04 0.74 -1.93	62.94 0.84 -1.26	61.65 1.01 -1.00	51.94 0.89 -0.29	47.76 0.62 -0.20
BARRETT___2 23546	52.14 1.70 0.00	50.59 1.70 0.00	50.34 1.47 0.00	48.18 1.25 0.00	53.97 1.23 -0.16	45.66 0.94 -0.13	20.03 0.43 30.31	57.69 0.73 9.35	17.26 0.70 50.92	27.40 0.83 22.77	44.58 1.67 0.00	43.80 1.75 0.00	38.67 1.50 0.00	43.70 1.69 0.00	43.81 1.73 -0.01	49.06 1.38 -0.18	57.91 1.19 -0.83	62.37 1.12 0.00	56.72 0.84 -1.82	60.04 0.74 -1.93	62.94 0.84 -1.26	61.65 1.01 -1.00	51.94 0.89 -0.29	47.76 0.62 -0.20
BATAVIA__115KV_TB1 55881	50.87 0.42 0.00	48.56 -0.34 0.00	48.91 0.04 0.00	47.11 0.17 0.00	53.04 0.46 0.00	45.05 0.46 0.00	50.54 0.64 0.00	66.45 0.15 0.00	68.14 0.66 0.00	50.32 0.99 0.00	44.37 1.46 0.00	43.61 1.56 0.00	38.13 0.96 0.00	43.22 1.21 0.00	42.85 0.77 0.00	48.80 1.30 0.00	56.68 0.79 0.00	61.23 -0.03 0.00	54.15 0.09 0.00	57.71 0.34 0.00	60.85 0.01 0.00	59.94 0.30 0.00	51.12 0.37 0.00	47.47 0.52 0.00
BAYONEEC___CTG1 323682	52.78 2.33 0.00	51.10 2.21 0.00	50.89 2.02 0.00	48.76 1.83 0.00	54.59 2.01 0.00	46.41 1.82 0.00	51.74 1.83 0.00	68.85 2.55 0.00	70.03 2.55 0.00	51.52 2.19 0.00	45.04 2.13 0.00	44.24 2.19 0.00	39.06 1.89 0.00	44.14 2.14 0.00	44.29 2.21 0.00	49.73 2.23 0.00	58.15 2.26 0.00	63.30 2.04 0.00	55.96 1.90 0.00	59.25 1.88 0.00	62.84 2.00 0.00	61.82 2.18 0.00	52.57 1.81 0.00	48.30 1.35 0.00
BAYONEEC___CTG10 323750	52.78 2.33 0.00	51.10 2.21 0.00	50.89 2.02 0.00	48.76 1.83 0.00	54.59 2.01 0.00	46.41 1.82 0.00	51.74 1.83 0.00	68.85 2.55 0.00	70.03 2.55 0.00	51.52 2.19 0.00	45.04 2.13 0.00	44.24 2.19 0.00	39.06 1.89 0.00	44.14 2.14 0.00	44.29 2.21 0.00	49.73 2.23 0.00	58.15 2.26 0.00	63.30 2.04 0.00	55.96 1.90 0.00	59.25 1.88 0.00	62.84 2.00 0.00	61.82 2.18 0.00	52.57 1.81 0.00	48.30 1.35 0.00
BAYONEEC___CTG2 323683	52.78 2.33 0.00	51.10 2.21 0.00	50.89 2.02 0.00	48.76 1.83 0.00	54.59 2.01 0.00	46.41 1.82 0.00	51.74 1.83 0.00	68.85 2.55 0.00	70.03 2.55 0.00	51.52 2.19 0.00	45.04 2.13 0.00	44.24 2.19 0.00	39.06 1.89 0.00	44.14 2.14 0.00	44.29 2.21 0.00	49.73 2.23 0.00	58.15 2.26 0.00	63.30 2.04 0.00	55.96 1.90 0.00	59.25 1.88 0.00	62.84 2.00 0.00	61.82 2.18 0.00	52.57 1.81 0.00	48.30 1.35 0.00
BAYONEEC___CTG3 323684	52.78 2.33 0.00	51.10 2.21 0.00	50.89 2.02 0.00	48.76 1.83 0.00	54.59 2.01 0.00	46.41 1.82 0.00	51.74 1.83 0.00	68.85 2.55 0.00	70.03 2.55 0.00	51.52 2.19 0.00	45.04 2.13 0.00	44.24 2.19 0.00	39.06 1.89 0.00	44.14 2.14 0.00	44.29 2.21 0.00	49.73 2.23 0.00	58.15 2.26 0.00	63.30 2.04 0.00	55.96 1.90 0.00	59.25 1.88 0.00	62.84 2.00 0.00	61.82 2.18 0.00	52.57 1.81 0.00	48.30 1.35 0.00
BAYONEEC___CTG4 323685	52.78 2.33 0.00	51.10 2.21 0.00	50.89 2.02 0.00	48.76 1.83 0.00	54.59 2.01 0.00	46.41 1.82 0.00	51.74 1.83 0.00	68.85 2.55 0.00	70.03 2.55 0.00	51.52 2.19 0.00	45.04 2.13 0.00	44.24 2.19 0.00	39.06 1.89 0.00	44.14 2.14 0.00	44.29 2.21 0.00	49.73 2.23 0.00	58.15 2.26 0.00	63.30 2.04 0.00	55.96 1.90 0.00	59.25 1.88 0.00	62.84 2.00 0.00	61.82 2.18 0.00	52.57 1.81 0.00	48.30 1.35 0.00
BAYONEEC___CTG5 323686	52.78 2.33 0.00	51.10 2.21 0.00	50.89 2.02 0.00	48.76 1.83 0.00	54.59 2.01 0.00	46.41 1.82 0.00	51.74 1.83 0.00	68.85 2.55 0.00	70.03 2.55 0.00	51.52 2.19 0.00	45.04 2.13 0.00	44.24 2.19 0.00	39.06 1.89 0.00	44.14 2.14 0.00	44.29 2.21 0.00	49.73 2.23 0.00	58.15 2.26 0.00	63.30 2.04 0.00	55.96 1.90 0.00	59.25 1.88 0.00	62.84 2.00 0.00	61.82 2.18 0.00	52.57 1.81 0.00	48.30 1.35 0.00
BAYONEEC___CTG6 323687	52.78 2.33 0.00	51.10 2.21 0.00	50.89 2.02 0.00	48.76 1.83 0.00	54.59 2.01 0.00	46.41 1.82 0.00	51.74 1.83 0.00	68.85 2.55 0.00	70.03 2.55 0.00	51.52 2.19 0.00	45.04 2.13 0.00	44.24 2.19 0.00	39.06 1.89 0.00	44.14 2.14 0.00	44.29 2.21 0.00	49.73 2.23 0.00	58.15 2.26 0.00	63.30 2.04 0.00	55.96 1.90 0.00	59.25 1.88 0.00	62.84 2.00 0.00	61.82 2.18 0.00	52.57 1.81 0.00	48.30 1.35 0.00
BAYONEEC___CTG7 323688	52.78 2.33 0.00	51.10 2.21 0.00	50.89 2.02 0.00	48.76 1.83 0.00	54.59 2.01 0.00	46.41 1.82 0.00	51.74 1.83 0.00	68.85 2.55 0.00	70.03 2.55 0.00	51.52 2.19 0.00	45.04 2.13 0.00	44.24 2.19 0.00	39.06 1.89 0.00	44.14 2.14 0.00	44.29 2.21 0.00	49.73 2.23 0.00	58.15 2.26 0.00	63.30 2.04 0.00	55.96 1.90 0.00	59.25 1.88 0.00	62.84 2.00 0.00	61.82 2.18 0.00	52.57 1.81 0.00	48.30 1.35 0.00

BAYONEEC___CTG8 323689	52.78 2.33 0.00	51.10 2.21 0.00	50.89 2.02 0.00	48.76 1.83 0.00	54.59 2.01 0.00	46.41 1.82 0.00	51.74 1.83 0.00	68.85 2.55 0.00	70.03 2.55 0.00	51.52 2.19 0.00	45.04 2.13 0.00	44.24 2.19 0.00	39.06 1.89 0.00	44.14 2.14 0.00	44.29 2.21 0.00	49.73 2.23 0.00	58.15 2.26 0.00	63.30 2.04 0.00	55.96 1.90 0.00	59.25 1.88 0.00	62.84 2.00 0.00	61.82 2.18 0.00	52.57 1.81 0.00	48.30 1.35 0.00
BAYONEEC___CTG9 323749	52.78 2.33 0.00	51.10 2.21 0.00	50.89 2.02 0.00	48.76 1.83 0.00	54.59 2.01 0.00	46.41 1.82 0.00	51.74 1.83 0.00	68.85 2.55 0.00	70.03 2.55 0.00	51.52 2.19 0.00	45.04 2.13 0.00	44.24 2.19 0.00	39.06 1.89 0.00	44.14 2.14 0.00	44.29 2.21 0.00	49.73 2.23 0.00	58.15 2.26 0.00	63.30 2.04 0.00	55.96 1.90 0.00	59.25 1.88 0.00	62.84 2.00 0.00	61.82 2.18 0.00	52.57 1.81 0.00	48.30 1.35 0.00
BEACON___LESR 323632	50.85 0.41 0.00	49.42 0.53 0.00	49.25 0.38 0.00	47.20 0.27 0.00	52.94 0.36 0.00	44.93 0.33 0.00	50.22 0.32 0.00	66.90 0.60 0.00	67.84 0.36 0.00	49.32 -0.01 0.00	42.65 -0.26 0.00	42.01 -0.04 0.00	37.35 0.17 0.00	42.18 0.18 0.00	42.44 0.36 0.00	47.92 0.42 0.00	56.70 0.81 0.00	62.04 0.78 0.00	54.62 0.55 0.00	57.97 0.60 0.00	61.64 0.80 0.00	60.32 0.68 0.00	51.17 0.41 0.00	47.29 0.35 0.00
BEAVER RIVER___HYD 24048	52.37 1.92 0.00	50.65 1.76 0.00	50.72 1.85 0.00	48.74 1.81 0.00	54.57 1.99 0.00	46.30 1.70 0.00	51.99 2.08 0.00	69.06 2.75 0.00	70.29 2.81 0.00	50.95 1.62 0.00	43.77 0.87 0.00	42.28 0.23 0.00	37.43 0.26 0.00	42.41 0.41 0.00	42.44 0.36 0.00	48.17 0.67 0.00	57.17 1.28 0.00	63.71 2.45 0.00	56.66 2.60 0.00	60.14 2.77 0.00	63.74 2.91 0.00	62.63 2.99 0.00	53.14 2.38 0.00	49.08 2.14 0.00
BEEBEE_GT_13 23619	50.23 -0.21 0.00	48.22 -0.67 0.00	48.42 -0.45 0.00	46.57 -0.36 0.00	52.31 -0.27 0.00	44.34 -0.26 0.00	49.71 -0.20 0.00	65.66 -0.64 0.00	67.16 -0.32 0.00	49.46 0.13 0.00	43.40 0.49 0.00	42.73 0.68 0.00	37.63 0.45 0.00	42.42 0.41 0.00	42.31 0.23 0.00	47.94 0.44 0.00	55.97 0.08 0.00	60.93 -0.33 0.00	53.85 -0.22 0.00	57.28 -0.09 0.00	60.51 -0.32 0.00	59.44 -0.20 0.00	50.63 -0.13 0.00	46.77 -0.17 0.00
BENSHRST_27_KV_BENSHRST_1 355998	53.15 2.70 0.00	51.42 2.53 0.00	51.25 2.38 0.00	49.16 2.23 0.00	54.99 2.41 0.00	46.76 2.16 0.00	52.20 2.29 0.00	69.40 3.09 0.00	70.53 3.05 0.00	51.90 2.57 0.00	45.34 2.43 0.00	44.55 2.50 0.00	39.34 2.17 0.00	44.44 2.43 0.00	44.62 2.54 0.00	50.04 2.54 0.00	58.52 2.63 0.00	63.74 2.48 0.00	56.40 2.33 0.00	59.71 2.34 0.00	63.32 2.48 0.00	62.31 2.67 0.00	53.04 2.28 0.00	48.64 1.70 0.00
BETHLEHEM___GRP 23843	50.00 -0.44 0.00	48.62 -0.27 0.00	48.46 -0.40 0.00	46.48 -0.45 0.00	52.02 -0.56 0.00	44.12 -0.48 0.00	49.28 -0.63 0.00	65.57 -0.73 0.00	66.58 -0.90 0.00	48.48 -0.85 0.00	42.05 -0.86 0.00	41.28 -0.77 0.00	36.72 -0.46 0.00	41.42 -0.58 0.00	41.65 -0.43 0.00	46.99 -0.51 0.00	55.49 -0.40 0.00	60.83 -0.43 0.00	53.65 -0.42 0.00	56.86 -0.51 0.00	60.40 -0.43 0.00	59.17 -0.47 0.00	50.25 -0.51 0.00	46.37 -0.57 0.00
BETHLEHEM___GS1 323560	50.00 -0.44 0.00	48.62 -0.27 0.00	48.46 -0.41 0.00	46.46 -0.47 0.00	52.00 -0.58 0.00	44.12 -0.48 0.00	49.28 -0.63 0.00	65.56 -0.74 0.00	66.59 -0.90 0.00	48.48 -0.85 0.00	42.05 -0.86 0.00	41.28 -0.77 0.00	36.71 -0.47 0.00	41.41 -0.59 0.00	41.65 -0.43 0.00	46.99 -0.51 0.00	55.49 -0.40 0.00	60.83 -0.43 0.00	53.64 -0.42 0.00	56.86 -0.52 0.00	60.41 -0.43 0.00	59.17 -0.47 0.00	50.25 -0.51 0.00	46.37 -0.57 0.00
BETHLEHEM___GS2 323561	50.00 -0.44 0.00	48.62 -0.27 0.00	48.46 -0.41 0.00	46.46 -0.47 0.00	52.00 -0.58 0.00	44.12 -0.48 0.00	49.28 -0.63 0.00	65.56 -0.74 0.00	66.59 -0.90 0.00	48.48 -0.85 0.00	42.05 -0.86 0.00	41.28 -0.77 0.00	36.71 -0.47 0.00	41.41 -0.59 0.00	41.65 -0.43 0.00	46.99 -0.51 0.00	55.49 -0.40 0.00	60.83 -0.43 0.00	53.64 -0.42 0.00	56.86 -0.52 0.00	60.41 -0.43 0.00	59.17 -0.47 0.00	50.25 -0.51 0.00	46.37 -0.57 0.00
BETHLEHEM___GS3 323562	50.00 -0.44 0.00	48.62 -0.27 0.00	48.46 -0.41 0.00	46.46 -0.47 0.00	52.00 -0.58 0.00	44.12 -0.48 0.00	49.28 -0.63 0.00	65.56 -0.74 0.00	66.59 -0.90 0.00	48.48 -0.85 0.00	42.05 -0.86 0.00	41.28 -0.77 0.00	36.71 -0.47 0.00	41.41 -0.59 0.00	41.65 -0.43 0.00	46.99 -0.51 0.00	55.49 -0.40 0.00	60.83 -0.43 0.00	53.64 -0.42 0.00	56.86 -0.52 0.00	60.41 -0.43 0.00	59.17 -0.47 0.00	50.25 -0.51 0.00	46.37 -0.57 0.00
BETHLEHEM___STEEL 23779	50.24 -0.20 0.00	47.90 -0.99 0.00	48.36 -0.51 0.00	46.55 -0.38 0.00	52.43 -0.15 0.00	44.38 -0.22 0.00	49.70 -0.21 0.00	65.24 -1.06 0.00	66.89 -0.59 0.00	49.73 0.40 0.00	43.94 1.04 0.00	43.29 1.24 0.00	38.03 0.86 0.00	42.90 0.90 0.00	42.47 0.40 0.00	48.15 0.66 0.00	55.69 -0.20 0.00	59.92 -1.34 0.00	53.03 -1.03 0.00	56.59 -0.78 0.00	59.81 -1.03 0.00	58.98 -0.66 0.00	50.48 -0.28 0.00	46.78 -0.17 0.00
BETHLHEM_115KV_TB1 79974	50.19 -0.25 0.00	48.81 -0.08 0.00	48.67 -0.20 0.00	46.69 -0.24 0.00	52.25 -0.33 0.00	44.30 -0.30 0.00	49.48 -0.43 0.00	65.82 -0.48 0.00	66.86 -0.62 0.00	48.69 -0.64 0.00	42.25 -0.66 0.00	41.47 -0.58 0.00	36.86 -0.32 0.00	41.60 -0.40 0.00	41.82 -0.25 0.00	47.19 -0.30 0.00	55.69 -0.20 0.00	61.04 -0.22 0.00	53.83 -0.23 0.00	57.05 -0.32 0.00	60.60 -0.24 0.00	59.38 -0.26 0.00	50.45 -0.31 0.00	46.55 -0.39 0.00
BETHPAGE_CC_5 323564	52.32 1.88 0.00	50.78 1.89 0.00	50.44 1.57 0.00	48.24 1.31 0.00	52.09 1.28 1.78	42.37 1.01 3.24	19.51 0.71 31.10	24.49 1.07 42.87	23.05 1.07 45.50	22.99 1.14 27.48	44.62 1.71 0.00	43.75 1.70 0.00	38.64 1.46 0.00	43.65 1.65 0.00	43.75 1.68 0.00	46.93 1.42 1.98	47.78 1.22 9.33	62.41 1.15 0.00	34.56 0.84 20.35	36.50 0.74 21.62	47.55 0.87 14.16	49.44 1.05 11.25	48.52 1.01 3.26	45.38 0.66 2.22
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	50.31 -0.13 0.00	47.99 -0.90 0.00	48.44 -0.43 0.00	46.63 -0.30 0.00	52.50 -0.08 0.00	44.44 -0.16 0.00	49.79 -0.12 0.00	65.38 -0.92 0.00	67.02 -0.46 0.00	49.82 0.49 0.00	44.00 1.09 0.00	43.33 1.28 0.00	38.08 0.91 0.00	42.96 0.96 0.00	42.53 0.46 0.00	48.22 0.73 0.00	55.77 -0.12 0.00	60.03 -1.23 0.00	53.13 -0.94 0.00	56.69 -0.68 0.00	59.93 -0.91 0.00	59.09 -0.55 0.00	50.56 -0.20 0.00	46.84 -0.10 0.00
BINGHAMTON___COGEN 23790	50.55 0.11 0.00	48.97 0.08 0.00	49.10 0.23 0.00	47.17 0.24 0.00	52.88 0.30 0.00	44.79 0.20 0.00	50.05 0.14 0.00	66.49 0.19 0.00	67.65 0.17 0.00	49.56 0.23 0.00	43.23 0.32 0.00	42.52 0.47 0.00	37.54 0.37 0.00	42.47 0.46 0.00	42.33 0.26 0.00	47.86 0.37 0.00	56.11 0.22 0.00	61.15 -0.12 0.00	54.01 -0.05 0.00	57.36 -0.02 0.00	60.86 0.03 0.00	59.76 0.12 0.00	50.84 0.08 0.00	46.91 -0.04 0.00

BIXINCNT_115KV_LOAD 355685	50.78 0.33 0.00	48.46 -0.44 0.00	49.02 0.15 0.00	47.19 0.25 0.00	53.11 0.52 0.00	44.88 0.28 0.00	50.29 0.38 0.00	66.30 0.00 0.00	67.83 0.35 0.00	50.38 1.05 0.00	44.29 1.38 0.00	43.65 1.60 0.00	38.34 1.17 0.00	43.29 1.28 0.00	42.80 0.73 0.00	48.52 1.02 0.00	56.10 0.21 0.00	60.50 -0.76 0.00	53.54 -0.52 0.00	57.06 -0.31 0.00	60.41 -0.43 0.00	59.64 0.00 0.00	51.08 0.32 0.00	47.17 0.22 0.00
BLACK RIVER___HYD 24047	52.47 2.03 0.00	50.76 1.86 0.00	50.83 1.96 0.00	48.82 1.89 0.00	54.65 2.07 0.00	46.44 1.85 0.00	52.18 2.27 0.00	69.37 3.07 0.00	70.62 3.14 0.00	51.01 1.68 0.00	43.55 0.64 0.00	41.78 -0.27 0.00	37.02 -0.16 0.00	41.93 -0.07 0.00	42.07 0.00 0.00	48.08 0.58 0.00	57.10 1.21 0.00	63.96 2.70 0.00	57.08 3.02 0.00	60.60 3.22 0.00	64.22 3.39 0.00	63.01 3.37 0.00	53.44 2.68 0.00	49.25 2.31 0.00
BLACKRVR_115KV_TB2 79977	52.47 2.03 0.00	50.76 1.86 0.00	50.82 1.95 0.00	48.81 1.87 0.00	54.65 2.07 0.00	46.44 1.84 0.00	52.18 2.27 0.00	69.37 3.06 0.00	70.61 3.13 0.00	51.01 1.68 0.00	43.55 0.64 0.00	41.78 -0.27 0.00	37.01 -0.16 0.00	41.93 -0.07 0.00	42.07 0.00 0.00	48.07 0.58 0.00	57.10 1.21 0.00	63.96 2.70 0.00	57.08 3.02 0.00	60.60 3.23 0.00	64.23 3.39 0.00	63.01 3.37 0.00	53.44 2.68 0.00	49.25 2.31 0.00
BLDWN_LI_69_KV_BK4 356085	52.52 2.08 0.00	50.93 2.04 0.00	50.69 1.82 0.00	48.53 1.60 0.00	53.20 1.62 1.00	44.04 1.32 1.87	26.27 1.02 24.66	40.79 1.53 27.04	31.54 1.52 37.45	29.81 1.40 20.92	44.86 1.95 0.00	44.01 1.96 0.00	38.84 1.67 0.00	43.90 1.89 0.00	44.02 1.95 0.00	48.14 1.76 1.11	52.32 1.68 5.25	62.95 1.69 0.00	43.98 1.36 11.44	46.50 1.28 12.15	54.29 1.41 7.96	54.88 1.56 6.33	50.28 1.35 1.83	46.69 0.99 1.25
BLISS_WT_PWR 323608	47.07 0.34 3.72	45.30 -0.41 3.18	46.71 0.20 2.36	44.48 0.30 2.75	50.85 0.57 2.31	43.87 0.31 1.04	48.38 0.41 1.93	62.78 0.07 3.59	65.80 0.40 2.09	49.74 1.11 0.70	44.28 1.37 0.00	43.67 1.62 0.00	38.35 1.18 0.00	43.29 1.29 0.00	42.11 0.74 0.70	47.24 1.05 1.30	55.57 0.21 0.53	60.46 -0.74 0.05	53.56 -0.50 0.00	57.01 -0.32 0.04	59.07 -0.47 1.29	57.71 0.01 1.94	48.80 0.36 2.33	46.35 0.27 0.86
BLUESTONE___WT_PWR 323821	53.18 2.04 -0.69	51.54 2.05 -0.59	51.53 2.22 -0.44	49.27 1.83 -0.51	55.11 2.10 -0.43	46.51 1.72 -0.19	52.19 1.92 -0.36	70.09 3.12 -0.67	70.74 2.88 -0.38	51.34 1.88 -0.13	44.47 1.56 0.00	43.82 1.77 0.00	38.66 1.49 0.00	43.85 1.85 0.00	44.01 1.80 -0.13	49.78 2.04 -0.24	58.80 2.82 -0.10	64.28 3.02 -0.01	56.88 2.82 0.00	60.29 2.92 -0.01	64.11 3.03 -0.24	62.98 2.97 -0.36	53.61 2.42 -0.44	49.11 2.01 -0.16
BLUE_CIRC_CHEM_DRP 24182	50.95 0.50 0.00	49.51 0.62 0.00	49.41 0.54 0.00	47.41 0.48 0.00	53.09 0.51 0.00	44.98 0.38 0.00	50.23 0.32 0.00	66.77 0.47 0.00	67.74 0.26 0.00	49.19 -0.14 0.00	42.66 -0.25 0.00	41.95 -0.10 0.00	37.26 0.09 0.00	42.08 0.08 0.00	42.29 0.21 0.00	47.81 0.31 0.00	56.40 0.51 0.00	61.84 0.58 0.00	54.56 0.50 0.00	57.83 0.46 0.00	61.44 0.60 0.00	60.20 0.56 0.00	51.17 0.40 0.00	47.21 0.27 0.00
BOC_GAS_DRP 24189	50.75 0.31 0.00	49.35 0.46 0.00	49.26 0.39 0.00	47.25 0.32 0.00	52.90 0.32 0.00	44.83 0.24 0.00	50.00 0.09 0.00	66.52 0.22 0.00	67.58 0.10 0.00	49.33 0.00 0.00	42.84 -0.06 0.00	42.06 0.01 0.00	37.28 0.10 0.00	42.12 0.11 0.00	42.31 0.23 0.00	47.72 0.22 0.00	56.20 0.31 0.00	61.53 0.27 0.00	54.27 0.21 0.00	57.51 0.14 0.00	61.10 0.26 0.00	59.94 0.30 0.00	50.97 0.21 0.00	47.02 0.08 0.00
BOONVILLE_115KV_TB1 79983	51.88 1.44 0.00	50.26 1.37 0.00	50.30 1.43 0.00	48.36 1.43 0.00	54.16 1.58 0.00	45.96 1.36 0.00	51.55 1.64 0.00	68.55 2.25 0.00	69.71 2.23 0.00	50.73 1.40 0.00	43.89 0.98 0.00	42.77 0.72 0.00	37.73 0.56 0.00	42.83 0.82 0.00	42.79 0.72 0.00	48.44 0.95 0.00	57.24 1.35 0.00	63.35 2.09 0.00	56.04 1.98 0.00	59.44 2.07 0.00	63.04 2.20 0.00	61.78 2.14 0.00	52.46 1.70 0.00	48.42 1.48 0.00
BORALEX_4TH_BRANCH 23824	51.53 1.09 0.00	50.08 1.19 0.00	49.71 0.84 0.00	47.60 0.67 0.00	53.33 0.74 0.00	45.50 0.91 0.00	50.87 0.96 0.00	67.85 1.55 0.00	68.76 1.28 0.00	49.70 0.38 0.00	42.86 -0.05 0.00	41.97 -0.08 0.00	37.25 0.07 0.00	42.16 0.16 0.00	42.49 0.42 0.00	48.12 0.62 0.00	57.26 1.37 0.00	63.13 1.87 0.00	55.53 1.47 0.00	59.00 1.63 0.00	62.71 1.87 0.00	61.21 1.57 0.00	51.97 1.21 0.00	48.12 1.18 0.00
BOWLINE___1 23526	52.41 1.97 0.00	50.77 1.88 0.00	50.61 1.74 0.00	48.52 1.59 0.00	54.30 1.72 0.00	46.13 1.54 0.00	51.39 1.48 0.00	68.40 2.10 0.00	69.57 2.08 0.00	51.09 1.76 0.00	44.62 1.71 0.00	43.86 1.81 0.00	38.77 1.60 0.00	43.81 1.81 0.00	43.93 1.86 0.00	49.35 1.86 0.00	57.74 1.86 0.00	62.91 1.65 0.00	55.59 1.52 0.00	58.86 1.49 0.00	62.45 1.62 0.00	61.45 1.81 0.00	52.27 1.51 0.00	48.02 1.08 0.00
BOWLINE___2 23595	52.40 1.96 0.00	50.75 1.86 0.00	50.60 1.73 0.00	48.51 1.58 0.00	54.28 1.70 0.00	46.12 1.52 0.00	51.38 1.47 0.00	68.37 2.07 0.00	69.53 2.05 0.00	51.07 1.74 0.00	44.61 1.70 0.00	43.86 1.81 0.00	38.77 1.60 0.00	43.80 1.80 0.00	43.92 1.84 0.00	49.35 1.85 0.00	57.73 1.85 0.00	62.89 1.63 0.00	55.57 1.51 0.00	58.85 1.48 0.00	62.44 1.60 0.00	61.44 1.80 0.00	52.26 1.50 0.00	48.01 1.07 0.00
BRADY___115KV_TB2 356060	52.68 2.24 0.00	50.84 1.94 0.00	50.87 2.00 0.00	48.87 1.93 0.00	54.81 2.23 0.00	46.50 1.90 0.00	52.19 2.29 0.00	69.35 3.05 0.00	70.62 3.14 0.00	51.41 2.08 0.00	44.57 1.66 0.00	43.41 1.36 0.00	38.29 1.11 0.00	43.20 1.20 0.00	43.29 1.21 0.00	48.75 1.26 0.00	57.94 2.05 0.00	63.97 2.71 0.00	56.58 2.52 0.00	60.12 2.75 0.00	63.60 2.76 0.00	62.31 2.67 0.00	53.04 2.29 0.00	49.31 2.37 0.00
BRANSCOMB___SOLAR 323811	51.81 1.37 0.00	50.39 1.50 0.00	50.21 1.34 0.00	48.15 1.22 0.00	53.96 1.38 0.00	45.79 1.19 0.00	51.30 1.39 0.00	68.29 1.99 0.00	69.13 1.65 0.00	49.90 0.57 0.00	43.05 0.14 0.00	42.40 0.35 0.00	37.62 0.44 0.00	42.49 0.49 0.00	42.92 0.84 0.00	48.60 1.11 0.00	57.40 1.51 0.00	63.43 2.17 0.00	55.92 1.86 0.00	59.38 2.01 0.00	62.98 2.14 0.00	61.41 1.77 0.00	52.20 1.44 0.00	48.24 1.30 0.00
BRDGHMPT_69_KV_BK1 55812	-4.80 1.33 56.58	23.77 1.37 26.49	32.70 1.14 17.31	23.10 0.83 24.66	-12.74 0.43 65.76	6.67 0.46 38.39	11.62 0.36 38.65	11.99 0.76 55.07	12.34 1.08 56.22	14.72 1.12 35.73	35.78 1.88 9.02	36.04 1.84 7.85	38.46 1.52 0.23	36.02 1.62 7.60	43.04 1.89 0.92	46.68 1.77 2.58	45.55 1.83 12.17	63.50 2.24 0.00	29.16 1.64 26.54	30.84 1.66 28.20	43.80 1.43 18.46	46.82 1.86 14.67	47.99 1.48 4.25	44.91 0.86 2.90

BRENTWOD_69_KV_W. BRTWOOD 56703	52.19 1.75 0.00	50.66 1.76 0.00	50.48 1.60 0.00	48.31 1.38 0.00	51.70 1.34 2.23	41.62 1.07 4.05	13.52 0.80 37.18	14.61 1.30 52.99	14.66 1.25 54.07	17.45 1.20 33.08	44.75 1.84 0.00	43.86 1.81 0.00	38.79 1.61 0.00	43.72 1.71 0.00	43.94 1.86 0.00	46.52 1.51 2.49	45.50 1.32 11.71	62.72 1.46 0.00	29.48 0.94 25.53	31.09 0.84 27.12	44.05 0.98 17.76	46.64 1.11 14.11	47.75 1.08 4.09	44.88 0.72 2.79
BRISTLHL_115KV_TB1 79998	49.24 -1.21 0.00	47.68 -1.21 0.00	47.67 -1.20 0.00	45.78 -1.15 0.00	51.31 -1.27 0.00	43.58 -1.02 0.00	48.80 -1.11 0.00	64.76 -1.55 0.00	65.97 -1.52 0.00	48.20 -1.13 0.00	42.00 -0.91 0.00	41.22 -0.83 0.00	36.41 -0.77 0.00	41.10 -0.90 0.00	41.13 -0.95 0.00	46.45 -1.05 0.00	54.61 -1.28 0.00	59.92 -1.34 0.00	52.91 -1.15 0.00	56.16 -1.21 0.00	59.53 -1.31 0.00	58.30 -1.34 0.00	49.60 -1.15 0.00	45.78 -1.16 0.00
BROOKHAVEN___DRP 24191	-3.73 0.80 54.97	24.13 0.98 25.74	32.83 0.79 16.82	23.55 0.58 23.96	-10.96 0.41 63.96	7.50 0.33 37.42	11.25 0.03 38.69	11.45 0.27 55.12	11.48 0.28 56.27	14.03 0.42 35.73	35.31 1.16 8.76	35.59 1.16 7.63	37.94 0.99 0.22	35.71 1.10 7.38	42.38 1.20 0.89	45.75 0.84 2.59	44.29 0.58 12.18	61.95 0.69 0.00	27.73 0.23 26.56	29.31 0.16 28.22	42.56 0.20 18.48	45.42 0.46 14.69	46.83 0.32 4.25	43.93 -0.11 2.90
BROOKLYN_NAVY_YARD 23515	52.56 2.12 0.00	49.89 2.01 1.01	42.07 1.80 8.59	35.65 1.62 12.90	35.71 1.78 18.66	41.23 1.63 4.99	51.53 1.63 0.01	68.60 2.30 0.01	69.82 2.33 0.00	51.38 2.05 0.00	44.90 1.99 0.00	44.11 2.06 0.00	38.92 1.75 0.00	43.98 1.97 0.00	44.13 2.06 0.00	49.55 2.05 0.00	57.93 2.04 0.00	63.05 1.79 0.01	55.77 1.71 0.00	59.03 1.66 0.00	62.61 1.78 0.00	61.64 2.00 0.00	52.39 1.63 0.00	48.14 1.19 0.00
BROOKLYN___ARMY_DRP 323595	52.91 2.46 0.00	51.19 2.30 0.00	51.03 2.16 0.00	48.95 2.01 0.00	54.75 2.17 0.00	46.57 1.97 0.00	51.97 2.06 0.00	69.10 2.80 0.00	70.20 2.72 0.00	51.66 2.33 0.00	45.10 2.20 0.00	44.33 2.28 0.00	39.14 1.97 0.00	44.20 2.20 0.00	44.38 2.31 0.00	49.78 2.28 0.00	58.22 2.33 0.00	63.40 2.14 0.00	56.08 2.02 0.00	59.37 2.01 0.00	62.98 2.14 0.00	61.98 2.33 0.00	52.78 2.02 0.00	48.41 1.46 0.00
BROOME_2_LFGE 323671	51.40 0.12 -0.84	49.69 0.08 -0.72	49.64 0.24 -0.54	47.80 0.24 -0.62	53.42 0.31 -0.52	45.03 0.20 -0.24	50.49 0.14 -0.44	67.31 0.20 -0.81	68.11 0.16 -0.47	49.72 0.23 -0.16	43.23 0.32 0.00	42.52 0.48 0.00	37.54 0.37 0.00	42.47 0.46 0.00	42.49 0.26 -0.16	48.16 0.37 -0.30	56.23 0.22 -0.12	61.16 -0.11 -0.01	54.01 -0.05 0.00	57.37 -0.02 -0.01	61.16 0.03 -0.29	60.20 0.12 -0.44	51.37 0.09 -0.53	47.10 -0.19 -0.19
BROOME___LFGE 323600	51.40 0.12 -0.84	49.69 0.08 -0.72	49.64 0.24 -0.54	47.80 0.24 -0.62	53.42 0.31 -0.52	45.03 0.20 -0.24	50.49 0.14 -0.44	67.31 0.20 -0.81	68.11 0.16 -0.47	49.72 0.23 -0.16	43.23 0.32 0.00	42.52 0.48 0.00	37.54 0.37 0.00	42.47 0.46 0.00	42.49 0.26 -0.16	48.16 0.37 -0.30	56.23 0.22 -0.12	61.16 -0.11 -0.01	54.01 -0.05 0.00	57.37 -0.02 -0.01	61.16 0.03 -0.29	60.20 0.12 -0.44	51.37 0.09 -0.53	47.10 -0.04 -0.19
BROWNFLS_115KV_TB 3_5 80003	52.45 2.01 0.00	50.67 1.78 0.00	50.72 1.85 0.00	48.73 1.80 0.00	54.59 2.01 0.00	46.33 1.74 0.00	52.00 2.09 0.00	68.91 2.61 0.00	70.18 2.70 0.00	51.01 1.68 0.00	43.98 1.08 0.00	42.62 0.57 0.00	37.78 0.61 0.00	42.73 0.72 0.00	42.77 0.69 0.00	48.39 0.90 0.00	57.30 1.41 0.00	63.63 2.37 0.00	56.46 2.40 0.00	59.95 2.58 0.00	63.51 2.67 0.00	62.47 2.83 0.00	53.09 2.34 0.00	49.16 2.22 0.00
BROWNSV1_27_KV_LOAD 356125	53.17 2.72 0.00	51.46 2.57 0.00	51.26 2.39 0.00	49.17 2.24 0.00	55.01 2.43 0.00	46.75 2.15 0.00	52.10 2.20 0.00	69.35 3.05 0.00	70.57 3.09 0.00	51.93 2.60 0.00	45.39 2.48 0.00	44.60 2.55 0.00	39.37 2.19 0.00	44.48 2.48 0.00	44.65 2.58 0.00	50.13 2.63 0.00	58.63 2.74 0.00	63.83 2.57 0.00	56.45 2.38 0.00	59.74 2.37 0.00	63.37 2.53 0.00	62.32 2.68 0.00	52.99 2.23 0.00	48.66 1.72 0.00
BURROWS___LYONSDAL 23803	51.98 1.54 0.00	50.36 1.47 0.00	50.39 1.52 0.00	48.44 1.50 0.00	54.25 1.67 0.00	46.04 1.45 0.00	51.66 1.75 0.00	68.68 2.38 0.00	69.85 2.37 0.00	50.79 1.46 0.00	43.86 0.95 0.00	42.64 0.59 0.00	37.65 0.48 0.00	42.73 0.73 0.00	42.69 0.61 0.00	48.36 0.86 0.00	57.22 1.33 0.00	63.43 2.17 0.00	56.19 2.13 0.00	59.60 2.23 0.00	63.20 2.37 0.00	61.96 2.32 0.00	52.61 1.85 0.00	48.56 1.62 0.00
CAITHNESS_CC_1 323624	-3.74 0.79 54.98	24.14 0.99 25.74	32.82 0.78 16.82	23.52 0.56 23.97	-10.96 0.42 63.96	7.49 0.33 37.43	11.20 0.02 38.72	11.37 0.24 55.17	11.40 0.24 56.32	13.97 0.39 35.76	35.31 1.16 8.76	35.59 1.16 7.63	37.94 0.99 0.22	35.72 1.10 7.39	42.37 1.19 0.89	45.71 0.80 2.59	44.24 0.55 12.19	61.89 0.63 0.00	27.67 0.20 26.59	29.26 0.13 28.24	42.51 0.17 18.50	45.35 0.41 14.70	46.78 0.28 4.26	43.92 -0.13 2.90
CALPINE BETH_PAGE_GT4 24209	52.33 1.88 0.00	50.77 1.88 0.00	50.50 1.62 0.00	48.33 1.40 0.00	52.39 1.39 1.58	42.82 1.11 2.89	22.54 0.85 28.22	29.22 1.27 38.35	27.38 1.27 41.37	25.73 1.26 24.86	44.69 1.78 0.00	43.81 1.76 0.00	38.69 1.51 0.00	43.71 1.70 0.00	43.83 1.75 0.00	47.26 1.53 1.76	48.97 1.37 8.29	62.59 1.33 0.00	36.99 1.00 18.07	39.08 0.91 19.20	49.28 1.02 12.58	50.85 1.21 9.99	48.97 1.10 2.89	45.71 0.74 1.97
CALPINE_BETH_PAGE_GT_4 323586	52.32 1.88 0.00	50.77 1.88 0.00	50.47 1.60 0.00	48.29 1.36 0.00	52.36 1.36 1.58	42.80 1.09 2.89	22.52 0.82 28.22	29.19 1.24 38.35	27.36 1.24 41.37	25.69 1.22 24.86	44.69 1.78 0.00	43.81 1.76 0.00	38.69 1.52 0.00	43.71 1.71 0.00	43.83 1.75 0.00	47.26 1.52 1.76	48.97 1.37 8.29	62.58 1.32 0.00	36.99 1.00 18.07	39.08 0.91 19.20	49.28 1.02 12.58	50.85 1.20 9.99	48.97 1.10 2.89	45.72 0.75 1.97
CALPINE_BP_GT1 23823	52.32 1.88 0.00	50.77 1.88 0.00	50.47 1.60 0.00	48.29 1.36 0.00	52.36 1.36 1.58	42.80 1.09 2.89	22.52 0.82 28.22	29.19 1.24 38.35	27.36 1.24 41.37	25.69 1.22 24.86	44.69 1.78 0.00	43.81 1.76 0.00	38.69 1.52 0.00	43.71 1.71 0.00	43.83 1.75 0.00	47.26 1.52 1.76	48.97 1.37 8.29	62.58 1.32 0.00	36.99 1.00 18.07	39.08 0.91 19.20	49.28 1.02 12.58	50.85 1.20 9.99	48.97 1.10 2.89	45.72 0.75 1.97
CALSPAN___DRP 24200	50.24 -0.20 0.00	47.90 -0.99 0.00	48.36 -0.51 0.00	46.55 -0.38 0.00	52.43 -0.15 0.00	44.38 -0.22 0.00	49.70 -0.21 0.00	65.24 -1.06 0.00	66.89 -0.59 0.00	49.73 0.40 0.00	43.94 1.04 0.00	43.29 1.24 0.00	38.03 0.86 0.00	42.90 0.90 0.00	42.47 0.40 0.00	48.15 0.66 0.00	55.69 -0.20 0.00	59.92 -1.34 0.00	53.03 -1.03 0.00	56.59 -0.78 0.00	59.81 -1.03 0.00	58.98 -0.66 0.00	50.48 -0.28 0.00	46.78 -0.17 0.00

CALVERTON___SOLAR 323806	-0.97 0.82 52.24	25.43 0.99 24.46	33.66 0.77 15.98	24.70 0.54 22.77	-7.91 0.40 60.89	9.14 0.31 35.77	11.27 0.04 38.68	11.46 0.27 55.11	11.51 0.28 56.26	14.09 0.41 35.65	35.77 1.18 8.32	35.98 1.18 7.24	37.97 1.01 0.21	36.11 1.12 7.02	42.46 1.23 0.85	45.80 0.89 2.59	44.38 0.67 12.18	62.09 0.83 0.00	27.85 0.35 26.56	29.44 0.28 28.21	42.68 0.31 18.48	45.54 0.58 14.68	46.93 0.42 4.25	43.99 -0.05 2.90
CANDIGU_WT_PWR 323617	51.85 -0.09 -1.50	49.72 -0.45 -1.28	49.72 -0.10 -0.95	48.03 -0.01 -1.11	53.64 0.14 -0.93	45.05 0.04 -0.42	50.65 -0.04 -0.78	67.41 -0.33 -1.45	67.81 -0.55 -0.88	49.24 -0.38 -0.29	42.88 -0.03 0.00	42.41 0.36 0.00	37.23 0.06 0.00	42.45 0.45 0.00	42.44 0.08 -0.28	48.49 0.48 -0.52	56.12 0.01 -0.21	60.54 -0.75 -0.02	53.51 -0.55 0.00	57.03 -0.36 -0.02	60.91 -0.44 -0.52	60.17 -0.25 -0.78	51.57 -0.12 -0.94	47.15 -0.14 -0.35
CARR STREET_E_SYR 24060	49.54 -0.91 0.00	47.96 -0.93 0.00	47.98 -0.89 0.00	46.11 -0.82 0.00	51.65 -0.93 0.00	43.86 -0.73 0.00	49.11 -0.80 0.00	65.17 -1.13 0.00	66.37 -1.12 0.00	48.52 -0.81 0.00	42.29 -0.62 0.00	41.55 -0.50 0.00	36.70 -0.47 0.00	41.45 -0.55 0.00	41.46 -0.62 0.00	46.82 -0.68 0.00	55.05 -0.84 0.00	60.29 -0.97 0.00	53.20 -0.86 0.00	56.46 -0.91 0.00	59.85 -0.98 0.00	58.65 -0.99 0.00	49.89 -0.87 0.00	46.07 -0.88 0.00
CARTHAGE___PAPER 23857	52.74 2.29 0.00	51.00 2.11 0.00	51.09 2.22 0.00	49.07 2.14 0.00	54.94 2.36 0.00	46.64 2.04 0.00	52.39 2.49 0.00	69.64 3.34 0.00	70.88 3.40 0.00	51.27 1.94 0.00	43.88 0.97 0.00	42.23 0.18 0.00	37.42 0.24 0.00	42.34 0.34 0.00	42.46 0.39 0.00	48.35 0.85 0.00	57.45 1.56 0.00	64.24 2.98 0.00	57.24 3.18 0.00	60.76 3.39 0.00	64.39 3.55 0.00	63.22 3.57 0.00	53.63 2.87 0.00	49.48 2.54 0.00
CASSADAGA_WT_PWR 323784	47.45 0.59 3.58	45.78 -0.05 3.06	47.02 0.43 2.28	44.82 0.54 2.65	51.31 0.95 2.22	44.33 0.73 1.00	48.95 0.90 1.86	63.49 0.64 3.46	66.54 1.07 2.01	50.21 1.55 0.68	44.82 1.92 0.00	44.15 2.10 0.00	38.90 1.72 0.00	43.72 1.72 0.00	42.45 1.05 0.68	47.75 1.51 1.25	56.37 0.99 0.51	61.17 -0.04 0.05	54.28 0.22 0.00	57.74 0.41 0.04	59.96 0.37 1.24	58.52 0.75 1.87	49.36 0.84 2.24	46.85 0.74 0.83
CE_DUNWOOD___DRP 24194	52.55 2.11 0.00	50.92 2.03 0.00	50.76 1.89 0.00	48.67 1.74 0.00	54.46 1.88 0.00	46.24 1.64 0.00	51.49 1.58 0.00	68.56 2.26 0.00	69.73 2.25 0.00	51.25 1.92 0.00	44.78 1.87 0.00	44.01 1.95 0.00	38.87 1.69 0.00	43.91 1.91 0.00	44.06 1.99 0.00	49.48 1.99 0.00	57.89 2.00 0.00	63.08 1.82 0.00	55.73 1.67 0.00	58.98 1.61 0.00	62.58 1.75 0.00	61.57 1.93 0.00	52.37 1.61 0.00	48.11 1.17 0.00
CE_MILLWOOD___DRP 24193	52.49 2.04 0.00	50.86 1.97 0.00	50.71 1.84 0.00	48.62 1.69 0.00	54.40 1.82 0.00	46.19 1.60 0.00	51.44 1.53 0.00	68.49 2.19 0.00	69.66 2.18 0.00	51.20 1.86 0.00	44.71 1.81 0.00	43.94 1.89 0.00	38.82 1.64 0.00	43.85 1.85 0.00	43.99 1.92 0.00	49.41 1.92 0.00	57.82 1.93 0.00	62.99 1.73 0.00	55.65 1.59 0.00	58.92 1.55 0.00	62.52 1.68 0.00	61.50 1.86 0.00	52.32 1.56 0.00	48.06 1.12 0.00
CE_NYC2_DRP 24202	52.80 2.36 0.00	51.11 2.22 0.00	50.96 2.09 0.00	48.90 1.96 0.00	54.69 2.11 0.00	46.51 1.92 0.00	51.86 1.95 0.00	69.00 2.69 0.00	70.13 2.65 0.00	51.65 2.32 0.00	45.14 2.23 0.00	44.33 2.28 0.00	39.16 1.99 0.00	44.23 2.22 0.00	44.40 2.32 0.00	49.79 2.30 0.00	58.23 2.34 0.00	63.37 2.11 0.00	56.04 1.98 0.00	59.31 1.94 0.00	62.89 2.05 0.00	61.88 2.24 0.00	52.67 1.91 0.00	48.34 1.40 0.00
CE_NYC_DRP 24195	52.83 2.39 0.00	51.15 2.26 0.00	50.95 2.08 0.00	48.85 1.92 0.00	54.67 2.09 0.00	46.46 1.87 0.00	51.79 1.88 0.00	68.91 2.61 0.00	70.11 2.63 0.00	51.58 2.26 0.00	45.09 2.18 0.00	44.30 2.25 0.00	39.10 1.93 0.00	44.18 2.18 0.00	44.33 2.26 0.00	49.77 2.28 0.00	58.22 2.33 0.00	63.38 2.12 0.00	56.06 2.00 0.00	59.33 1.96 0.00	62.92 2.08 0.00	61.89 2.25 0.00	52.62 1.86 0.00	48.34 1.39 0.00
CHAFFEE___LFGE 323603	46.99 -0.09 3.37	45.16 -0.86 2.88	46.35 -0.38 2.14	44.17 -0.26 2.50	50.47 -0.02 2.09	43.53 -0.12 0.94	48.07 -0.08 1.75	62.19 -0.86 3.25	65.23 -0.36 1.89	49.25 0.56 0.63	44.03 1.12 0.00	43.36 1.31 0.00	38.10 0.93 0.00	42.99 0.99 0.00	41.93 0.49 0.63	47.11 0.79 1.18	55.35 -0.06 0.48	60.05 -1.16 0.05	53.19 -0.87 0.00	56.74 -0.59 0.04	58.85 -0.82 1.17	57.42 -0.47 1.76	48.50 -0.15 2.11	46.08 -0.08 0.78
CHATEAUG_35_KV_LOAD 355732	51.51 1.06 0.00	49.74 0.85 0.00	49.73 0.86 0.00	47.75 0.82 0.00	53.51 0.93 0.00	45.41 0.82 0.00	50.88 0.97 0.00	67.64 1.34 0.00	68.99 1.50 0.00	50.48 1.15 0.00	43.73 0.82 0.00	42.53 0.47 0.00	37.46 0.29 0.00	42.37 0.37 0.00	42.49 0.41 0.00	48.17 0.68 0.00	56.77 0.88 0.00	62.54 1.28 0.00	55.19 1.13 0.00	58.68 1.31 0.00	62.11 1.27 0.00	60.79 1.15 0.00	51.94 1.18 0.00	48.33 1.39 0.00
CHATEAUG_WT_PWR 323614	51.34 0.89 0.00	49.62 0.73 0.00	49.61 0.74 0.00	47.63 0.70 0.00	53.38 0.80 0.00	45.29 0.69 0.00	50.70 0.79 0.00	67.40 1.10 0.00	68.69 1.21 0.00	50.28 0.95 0.00	43.64 0.73 0.00	42.48 0.43 0.00	37.45 0.28 0.00	42.35 0.35 0.00	42.48 0.41 0.00	48.15 0.65 0.00	56.69 0.80 0.00	62.33 1.07 0.00	54.97 0.91 0.00	58.43 1.06 0.00	61.87 1.03 0.00	60.52 0.88 0.00	51.72 0.96 0.00	48.12 1.17 0.00
CHAT_HIGH_FALL_HYD 323578	51.51 1.06 0.00	49.74 0.85 0.00	49.73 0.86 0.00	47.75 0.82 0.00	53.51 0.93 0.00	45.41 0.82 0.00	50.88 0.97 0.00	67.64 1.34 0.00	68.99 1.50 0.00	50.48 1.15 0.00	43.73 0.82 0.00	42.53 0.47 0.00	37.46 0.29 0.00	42.37 0.37 0.00	42.49 0.41 0.00	48.17 0.68 0.00	56.77 0.88 0.00	62.54 1.28 0.00	55.19 1.13 0.00	58.68 1.31 0.00	62.11 1.27 0.00	60.79 1.15 0.00	51.94 1.18 0.00	48.33 1.39 0.00
CHAUTAUQUA___LFGE 323629	47.10 0.10 3.46	45.38 -0.56 2.95	46.62 -0.06 2.19	44.43 0.06 2.56	50.82 0.38 2.14	43.84 0.21 0.97	48.40 0.29 1.79	62.77 -0.19 3.34	65.74 0.19 1.93	49.59 0.91 0.65	44.30 1.39 0.00	43.64 1.59 0.00	38.43 1.25 0.00	43.25 1.24 0.00	42.01 0.59 0.65	47.24 0.95 1.21	55.70 0.31 0.49	60.39 -0.82 0.05	53.58 -0.48 0.00	57.07 -0.26 0.04	59.25 -0.39 1.20	57.82 -0.02 1.80	48.83 0.23 2.16	46.34 0.20 0.80
CHERRYST_13_KV_LD 356241	52.95 2.50 0.00	51.26 2.37 0.00	51.06 2.19 0.00	48.95 2.02 0.00	54.78 2.20 0.00	46.56 1.97 0.00	51.89 1.99 0.00	69.06 2.76 0.00	70.27 2.79 0.00	51.70 2.37 0.00	45.19 2.29 0.00	44.41 2.35 0.00	39.20 2.02 0.00	44.29 2.29 0.00	44.44 2.37 0.00	49.89 2.40 0.00	58.36 2.47 0.00	63.54 2.28 0.00	56.19 2.13 0.00	59.48 2.11 0.00	63.07 2.24 0.00	62.03 2.39 0.00	52.74 1.98 0.00	48.45 1.50 0.00

CHESTROR_138KV_BK263 355645	52.28 1.83 0.00	50.69 1.79 0.00	50.56 1.69 0.00	48.49 1.56 0.00	54.27 1.69 0.00	46.06 1.47 0.00	51.30 1.39 0.00	68.29 1.99 0.00	69.43 1.95 0.00	50.94 1.61 0.00	44.44 1.54 0.00	43.64 1.59 0.00	38.59 1.41 0.00	43.67 1.67 0.00	43.80 1.72 0.00	49.26 1.77 0.00	57.69 1.81 0.00	62.87 1.61 0.00	55.55 1.49 0.00	58.83 1.46 0.00	62.44 1.60 0.00	61.43 1.79 0.00	52.25 1.49 0.00	48.02 1.08 0.00
CH_MIDHUDSON___DRP 24192	52.28 1.83 0.00	50.71 1.81 0.00	50.57 1.70 0.00	48.50 1.57 0.00	54.27 1.69 0.00	46.04 1.45 0.00	51.30 1.40 0.00	68.31 2.01 0.00	69.46 1.97 0.00	50.96 1.63 0.00	44.41 1.50 0.00	43.60 1.55 0.00	38.56 1.39 0.00	43.66 1.66 0.00	43.87 1.79 0.00	49.34 1.84 0.00	57.81 1.92 0.00	63.07 1.81 0.00	55.70 1.64 0.00	58.97 1.60 0.00	62.60 1.76 0.00	61.55 1.91 0.00	52.35 1.59 0.00	48.12 1.18 0.00
CH_MISC_IPPS 23765	52.68 2.23 0.00	51.07 2.18 0.00	50.91 2.05 0.00	48.82 1.89 0.00	54.64 2.06 0.00	46.38 1.78 0.00	51.70 1.79 0.00	68.84 2.54 0.00	70.01 2.52 0.00	51.35 2.02 0.00	44.77 1.86 0.00	43.94 1.89 0.00	38.88 1.70 0.00	44.00 2.00 0.00	44.19 2.12 0.00	49.70 2.21 0.00	58.25 2.36 0.00	63.52 2.26 0.00	56.13 2.07 0.00	59.42 2.05 0.00	63.06 2.22 0.00	62.01 2.37 0.00	52.73 1.97 0.00	48.44 1.50 0.00
CH_RES_BVR_FALLS 23983	50.69 0.25 0.00	49.09 0.20 0.00	49.10 0.23 0.00	47.17 0.24 0.00	52.85 0.27 0.00	44.82 0.23 0.00	50.19 0.29 0.00	66.69 0.38 0.00	67.89 0.41 0.00	49.68 0.35 0.00	43.16 0.25 0.00	42.16 0.11 0.00	37.25 0.08 0.00	42.13 0.13 0.00	42.20 0.12 0.00	47.65 0.16 0.00	56.11 0.21 0.00	61.57 0.31 0.00	54.33 0.27 0.00	57.71 0.34 0.00	61.15 0.31 0.00	59.94 0.30 0.00	51.03 0.27 0.00	47.30 0.36 0.00
CH_RES_NIAGARA 23895	49.36 -1.09 0.00	46.96 -1.93 0.00	47.47 -1.40 0.00	45.71 -1.22 0.00	51.49 -1.09 0.00	43.47 -1.13 0.00	48.48 -1.43 0.00	63.35 -2.95 0.00	65.10 -2.38 0.00	48.81 -0.52 0.00	43.31 0.40 0.00	42.67 0.62 0.00	37.48 0.31 0.00	42.20 0.20 0.00	41.77 -0.30 0.00	47.11 -0.38 0.00	54.24 -1.65 0.00	58.36 -2.90 0.00	51.60 -2.46 0.00	55.06 -2.31 0.00	58.10 -2.74 0.00	57.43 -2.21 0.00	49.42 -1.34 0.00	45.97 -0.98 0.00
CH_RES_SYRACUSE 23985	49.85 -0.59 0.00	48.25 -0.64 0.00	48.28 -0.59 0.00	46.39 -0.54 0.00	51.98 -0.60 0.00	44.15 -0.44 0.00	49.43 -0.48 0.00	65.63 -0.67 0.00	66.81 -0.68 0.00	48.81 -0.52 0.00	42.53 -0.38 0.00	41.76 -0.29 0.00	36.92 -0.26 0.00	41.68 -0.32 0.00	41.63 -0.44 0.00	47.05 -0.45 0.00	55.35 -0.54 0.00	60.66 -0.60 0.00	53.56 -0.50 0.00	56.81 -0.56 0.00	60.22 -0.62 0.00	58.99 -0.65 0.00	50.17 -0.59 0.00	46.33 -0.61 0.00
CLINTON_WT_PWR 323605	51.34 0.89 0.00	49.62 0.73 0.00	49.61 0.74 0.00	47.63 0.70 0.00	53.38 0.80 0.00	45.29 0.69 0.00	50.70 0.79 0.00	67.40 1.10 0.00	68.69 1.21 0.00	50.28 0.95 0.00	43.64 0.73 0.00	42.48 0.43 0.00	37.45 0.28 0.00	42.35 0.35 0.00	42.48 0.41 0.00	48.15 0.65 0.00	56.69 0.80 0.00	62.33 1.07 0.00	54.97 0.91 0.00	58.43 1.06 0.00	61.87 1.03 0.00	60.52 0.88 0.00	51.72 0.96 0.00	48.12 1.17 0.00
CLINTON___LFGE 323618	51.87 1.42 0.00	50.08 1.18 0.00	50.06 1.19 0.00	48.07 1.14 0.00	53.91 1.32 0.00	45.73 1.14 0.00	51.16 1.26 0.00	68.08 1.77 0.00	69.37 1.89 0.00	50.81 1.49 0.00	44.09 1.18 0.00	42.89 0.84 0.00	37.77 0.60 0.00	42.68 0.68 0.00	42.82 0.74 0.00	48.63 1.14 0.00	57.16 1.27 0.00	62.98 1.72 0.00	55.57 1.51 0.00	59.10 1.73 0.00	62.53 1.69 0.00	61.08 1.45 0.00	52.25 1.50 0.00	48.64 1.70 0.00
COBBLENY_34_KV_TB1 80064	50.34 -0.10 0.00	48.00 -0.90 0.00	48.45 -0.42 0.00	46.63 -0.30 0.00	52.52 -0.06 0.00	44.46 -0.14 0.00	49.82 -0.09 0.00	65.43 -0.87 0.00	67.12 -0.37 0.00	49.88 0.55 0.00	44.04 1.13 0.00	43.36 1.31 0.00	38.10 0.93 0.00	42.99 0.99 0.00	42.56 0.49 0.00	48.27 0.77 0.00	55.83 -0.06 0.00	60.09 -1.17 0.00	53.19 -0.87 0.00	56.78 -0.59 0.00	60.01 -0.83 0.00	59.16 -0.48 0.00	50.61 -0.15 0.00	46.85 -0.09 0.00
COFFEEN___115KV_TB3 355620	52.68 2.23 0.00	50.95 2.06 0.00	51.00 2.14 0.00	48.98 2.05 0.00	54.85 2.26 0.00	46.63 2.03 0.00	52.40 2.50 0.00	69.68 3.38 0.00	70.94 3.46 0.00	51.16 1.83 0.00	43.54 0.63 0.00	41.75 -0.30 0.00	36.98 -0.19 0.00	41.89 -0.11 0.00	42.06 -0.01 0.00	48.12 0.63 0.00	57.18 1.30 0.00	64.23 2.96 0.00	57.40 3.34 0.00	60.95 3.58 0.00	64.59 3.75 0.00	63.34 3.70 0.00	53.71 2.96 0.00	49.49 2.54 0.00
COLDSPRG_115KV_BK1 355956	51.53 1.08 0.00	49.27 0.38 0.00	49.72 0.85 0.00	47.88 0.95 0.00	53.96 1.38 0.00	45.62 1.03 0.00	51.12 1.21 0.00	67.39 1.09 0.00	68.95 1.47 0.00	51.18 1.84 0.00	45.09 2.18 0.00	44.36 2.31 0.00	39.12 1.94 0.00	44.03 2.02 0.00	43.44 1.36 0.00	49.32 1.83 0.00	57.17 1.28 0.00	61.59 0.33 0.00	54.55 0.49 0.00	58.19 0.82 0.00	61.69 0.85 0.00	60.79 1.15 0.00	51.89 1.13 0.00	47.84 0.90 0.00
COLONIE_LFGE___ 323577	51.27 0.82 0.00	49.83 0.94 0.00	49.62 0.75 0.00	47.55 0.62 0.00	53.27 0.69 0.00	45.26 0.67 0.00	50.60 0.69 0.00	67.37 1.07 0.00	68.33 0.85 0.00	49.60 0.28 0.00	42.90 -0.01 0.00	42.12 0.07 0.00	37.36 0.19 0.00	42.23 0.22 0.00	42.53 0.46 0.00	48.07 0.58 0.00	56.86 0.97 0.00	62.57 1.31 0.00	55.14 1.08 0.00	58.51 1.14 0.00	62.14 1.30 0.00	60.73 1.09 0.00	51.60 0.84 0.00	47.70 0.76 0.00
COOPERNY_115KV_TB1 80082	51.87 1.42 0.00	50.34 1.44 0.00	50.29 1.42 0.00	48.25 1.32 0.00	54.00 1.42 0.00	45.77 1.17 0.00	51.01 1.11 0.00	67.87 1.57 0.00	69.02 1.54 0.00	50.60 1.27 0.00	44.09 1.19 0.00	43.30 1.26 0.00	38.26 1.09 0.00	43.27 1.27 0.00	43.36 1.29 0.00	48.84 1.35 0.00	57.28 1.39 0.00	62.43 1.17 0.00	55.16 1.10 0.00	58.43 1.06 0.00	62.05 1.21 0.00	61.05 1.41 0.00	51.93 1.17 0.00	47.79 0.85 0.00
COPENHAGEN_WT_PWR 323753	52.12 1.68 0.00	50.44 1.55 0.00	50.52 1.65 0.00	48.52 1.59 0.00	54.30 1.72 0.00	46.17 1.57 0.00	51.85 1.94 0.00	68.92 2.62 0.00	70.18 2.70 0.00	50.75 1.42 0.00	43.37 0.46 0.00	41.59 -0.46 0.00	36.85 -0.33 0.00	41.81 -0.20 0.00	41.92 -0.16 0.00	47.83 0.34 0.00	56.80 0.91 0.00	63.55 2.29 0.00	56.67 2.61 0.00	60.13 2.76 0.00	63.75 2.91 0.00	62.57 2.93 0.00	53.07 2.31 0.00	48.90 1.96 0.00
CORNELL_____ 23752	51.22 0.77 0.00	49.56 0.67 0.00	49.66 0.80 0.00	47.71 0.78 0.00	53.47 0.89 0.00	45.38 0.78 0.00	50.78 0.88 0.00	67.52 1.22 0.00	68.73 1.24 0.00	50.17 0.84 0.00	43.47 0.56 0.00	42.60 0.55 0.00	37.77 0.60 0.00	42.78 0.78 0.00	42.75 0.67 0.00	48.31 0.82 0.00	56.93 1.04 0.00	62.36 1.10 0.00	55.12 1.06 0.00	58.51 1.14 0.00	61.98 1.14 0.00	60.75 1.11 0.00	51.63 0.88 0.00	47.62 0.68 0.00

CORONA V_69_KV_TB1 355595	52.62 2.17 0.00	51.03 2.14 0.00	50.82 1.95 0.00	48.68 1.74 0.00	54.37 1.78 0.00	45.94 1.47 0.13	51.42 1.18 -0.34	67.51 1.74 0.53	70.19 1.72 -0.99	51.15 1.57 -0.25	45.00 2.09 0.00	44.17 2.12 0.00	38.99 1.82 0.00	44.07 2.07 0.00	44.20 2.12 0.00	49.44 1.95 0.00	57.76 1.87 0.00	63.12 1.86 0.00	55.59 1.53 0.00	58.83 1.46 0.00	62.43 1.59 0.00	61.39 1.75 0.00	52.26 1.50 0.00	48.04 1.10 0.00
CORTLAND_115KV_TB3 80093	50.68 0.24 0.00	49.09 0.19 0.00	49.18 0.31 0.00	47.24 0.31 0.00	52.95 0.37 0.00	44.91 0.31 0.00	50.26 0.35 0.00	66.80 0.50 0.00	67.97 0.49 0.00	49.67 0.34 0.00	43.19 0.28 0.00	42.39 0.34 0.00	37.46 0.29 0.00	42.43 0.43 0.00	42.37 0.29 0.00	47.84 0.35 0.00	56.30 0.41 0.00	61.67 0.41 0.00	54.45 0.39 0.00	57.78 0.41 0.00	61.23 0.39 0.00	60.04 0.40 0.00	51.06 0.30 0.00	47.10 0.16 0.00
COXSACKIE__GT 23611	52.25 1.81 0.00	50.73 1.84 0.00	50.58 1.71 0.00	48.50 1.57 0.00	54.92 2.34 0.00	46.86 2.27 0.00	51.64 1.73 0.00	68.98 2.68 0.00	69.96 2.48 0.00	50.15 0.82 0.00	43.07 0.16 0.00	42.25 0.20 0.00	37.90 0.73 0.00	42.75 0.75 0.00	43.09 1.02 0.00	49.11 1.61 0.00	58.22 2.33 0.00	63.90 2.64 0.00	56.78 2.72 0.00	60.11 2.74 0.00	63.76 2.93 0.00	62.28 2.63 0.00	52.78 2.02 0.00	48.58 1.64 0.00
CPV_VALLEY__CC1 323721	52.23 1.78 0.00	50.64 1.75 0.00	50.50 1.63 0.00	48.42 1.49 0.00	54.18 1.60 0.00	46.01 1.41 0.00	51.24 1.33 0.00	68.19 1.89 0.00	69.35 1.87 0.00	50.92 1.59 0.00	44.44 1.53 0.00	43.66 1.60 0.00	38.60 1.42 0.00	43.64 1.64 0.00	43.78 1.70 0.00	49.21 1.71 0.00	57.60 1.71 0.00	62.79 1.53 0.00	55.47 1.41 0.00	58.74 1.37 0.00	62.34 1.50 0.00	61.34 1.70 0.00	52.18 1.42 0.00	47.96 1.02 0.00
CPV_VALLEY__CC2 323722	52.23 1.78 0.00	50.64 1.75 0.00	50.50 1.63 0.00	48.42 1.49 0.00	54.18 1.60 0.00	46.01 1.41 0.00	51.24 1.33 0.00	68.19 1.89 0.00	69.35 1.87 0.00	50.92 1.59 0.00	44.44 1.53 0.00	43.66 1.60 0.00	38.60 1.42 0.00	43.64 1.64 0.00	43.78 1.70 0.00	49.21 1.71 0.00	57.60 1.71 0.00	62.79 1.53 0.00	55.47 1.41 0.00	58.74 1.37 0.00	62.34 1.50 0.00	61.34 1.70 0.00	52.18 1.42 0.00	47.96 1.02 0.00
CRESCENT__HYD 24018	51.27 0.82 0.00	49.83 0.94 0.00	49.62 0.75 0.00	47.55 0.62 0.00	53.27 0.69 0.00	45.26 0.67 0.00	50.60 0.69 0.00	67.37 1.07 0.00	68.33 0.85 0.00	49.60 0.28 0.00	42.90 -0.01 0.00	42.12 0.07 0.00	37.36 0.19 0.00	42.23 0.22 0.00	42.53 0.46 0.00	48.07 0.58 0.00	56.86 0.97 0.00	62.57 1.31 0.00	55.14 1.08 0.00	58.51 1.14 0.00	62.14 1.30 0.00	60.73 1.09 0.00	51.60 0.84 0.00	47.70 0.76 0.00
CRICKET__VALLEY_CC1 323756	51.56 1.12 0.00	50.03 1.14 0.00	49.88 1.01 0.00	47.82 0.89 0.00	53.49 0.91 0.00	45.41 0.81 0.00	50.54 0.64 0.00	67.26 0.96 0.00	68.42 0.94 0.00	50.23 0.90 0.00	43.83 0.92 0.00	43.06 1.01 0.00	38.05 0.88 0.00	43.08 1.08 0.00	43.27 1.20 0.00	48.63 1.13 0.00	56.96 1.07 0.00	62.10 0.84 0.00	54.84 0.78 0.00	58.05 0.69 0.00	61.62 0.78 0.00	60.62 0.98 0.00	51.58 0.82 0.00	47.44 0.50 0.00
CRICKET__VALLEY_CC2 323757	51.56 1.12 0.00	50.03 1.14 0.00	49.88 1.01 0.00	47.82 0.89 0.00	53.49 0.91 0.00	45.41 0.81 0.00	50.54 0.64 0.00	67.26 0.96 0.00	68.42 0.94 0.00	50.23 0.90 0.00	43.83 0.92 0.00	43.06 1.01 0.00	38.05 0.88 0.00	43.08 1.08 0.00	43.27 1.20 0.00	48.63 1.13 0.00	56.96 1.07 0.00	62.10 0.84 0.00	54.84 0.78 0.00	58.05 0.69 0.00	61.62 0.78 0.00	60.62 0.98 0.00	51.58 0.82 0.00	47.44 0.50 0.00
CRICKET__VALLEY_CC3 323758	51.56 1.12 0.00	50.03 1.14 0.00	49.88 1.01 0.00	47.82 0.89 0.00	53.49 0.91 0.00	45.41 0.81 0.00	50.54 0.64 0.00	67.26 0.96 0.00	68.42 0.94 0.00	50.23 0.90 0.00	43.83 0.92 0.00	43.06 1.01 0.00	38.05 0.88 0.00	43.08 1.08 0.00	43.27 1.20 0.00	48.63 1.13 0.00	56.96 1.07 0.00	62.10 0.84 0.00	54.84 0.78 0.00	58.05 0.69 0.00	61.62 0.78 0.00	60.62 0.98 0.00	51.58 0.82 0.00	47.44 0.50 0.00
CRUCIBLE_METL_DRP 24180	49.85 -0.59 0.00	48.25 -0.64 0.00	48.27 -0.60 0.00	46.38 -0.56 0.00	51.97 -0.62 0.00	44.15 -0.45 0.00	49.42 -0.49 0.00	65.62 -0.68 0.00	66.80 -0.68 0.00	48.80 -0.53 0.00	42.53 -0.38 0.00	41.76 -0.29 0.00	36.92 -0.26 0.00	41.68 -0.33 0.00	41.63 -0.44 0.00	47.05 -0.45 0.00	55.35 -0.54 0.00	60.66 -0.60 0.00	53.56 -0.50 0.00	56.82 -0.55 0.00	60.22 -0.62 0.00	58.99 -0.65 0.00	50.17 -0.59 0.00	46.33 -0.61 0.00
DAHOWA__HYDRO 323763	51.95 1.50 0.00	50.54 1.65 0.00	50.34 1.47 0.00	48.28 1.35 0.00	54.12 1.54 0.00	45.91 1.32 0.00	51.50 1.59 0.00	68.54 2.24 0.00	69.37 1.90 0.00	50.01 0.68 0.00	43.11 0.20 0.00	42.49 0.44 0.00	37.71 0.54 0.00	42.58 0.58 0.00	43.02 0.95 0.00	48.77 1.28 0.00	57.62 1.73 0.00	63.71 2.45 0.00	56.17 2.10 0.00	59.65 2.28 0.00	63.24 2.40 0.00	61.60 1.96 0.00	52.35 1.60 0.00	48.41 1.47 0.00
DANC__LFGE 323619	51.05 0.61 0.00	49.42 0.53 0.00	49.45 0.58 0.00	47.51 0.58 0.00	53.20 0.62 0.00	45.19 0.60 0.00	50.69 0.78 0.00	67.34 1.04 0.00	68.62 1.13 0.00	49.79 0.46 0.00	42.84 -0.06 0.00	41.45 -0.60 0.00	36.68 -0.50 0.00	41.49 -0.51 0.00	41.58 -0.49 0.00	47.30 -0.20 0.00	55.93 0.04 0.00	62.10 0.84 0.00	55.21 1.15 0.00	58.64 1.27 0.00	62.16 1.32 0.00	61.01 1.37 0.00	51.78 1.02 0.00	47.76 0.82 0.00
DANSKAMMER__1 23586	52.68 2.23 0.00	51.07 2.18 0.00	50.91 2.05 0.00	48.82 1.89 0.00	54.64 2.06 0.00	46.38 1.78 0.00	51.70 1.79 0.00	68.84 2.54 0.00	70.01 2.52 0.00	51.35 2.02 0.00	44.77 1.86 0.00	43.94 1.89 0.00	38.88 1.70 0.00	44.00 2.00 0.00	44.19 2.12 0.00	49.70 2.21 0.00	58.25 2.36 0.00	63.52 2.26 0.00	56.13 2.07 0.00	59.42 2.05 0.00	63.06 2.22 0.00	62.01 2.37 0.00	52.73 1.97 0.00	48.44 1.50 0.00
DANSKAMMER__2 23589	52.68 2.23 0.00	51.07 2.18 0.00	50.91 2.05 0.00	48.82 1.89 0.00	54.64 2.06 0.00	46.38 1.78 0.00	51.70 1.79 0.00	68.84 2.54 0.00	70.01 2.52 0.00	51.35 2.02 0.00	44.77 1.86 0.00	43.94 1.89 0.00	38.88 1.70 0.00	44.00 2.00 0.00	44.19 2.12 0.00	49.70 2.21 0.00	58.25 2.36 0.00	63.52 2.26 0.00	56.13 2.07 0.00	59.42 2.05 0.00	63.06 2.22 0.00	62.01 2.37 0.00	52.73 1.97 0.00	48.44 1.50 0.00
DANSKAMMER__3 23590	52.68 2.23 0.00	51.07 2.18 0.00	50.91 2.05 0.00	48.82 1.89 0.00	54.64 2.06 0.00	46.38 1.78 0.00	51.70 1.79 0.00	68.84 2.54 0.00	70.01 2.52 0.00	51.35 2.02 0.00	44.77 1.86 0.00	43.94 1.89 0.00	38.88 1.70 0.00	44.00 2.00 0.00	44.19 2.12 0.00	49.70 2.21 0.00	58.25 2.36 0.00	63.52 2.26 0.00	56.13 2.07 0.00	59.42 2.05 0.00	63.06 2.22 0.00	62.01 2.37 0.00	52.73 1.97 0.00	48.44 1.50 0.00

DANSKAMMER___4 23591	52.68 2.23 0.00	51.07 2.18 0.00	50.91 2.05 0.00	48.82 1.89 0.00	54.64 2.06 0.00	46.38 1.78 0.00	51.70 1.79 0.00	68.84 2.54 0.00	70.01 2.52 0.00	51.35 2.02 0.00	44.77 1.86 0.00	43.94 1.89 0.00	38.88 1.70 0.00	44.00 2.00 0.00	44.19 2.12 0.00	49.70 2.21 0.00	58.25 2.36 0.00	63.52 2.26 0.00	56.13 2.07 0.00	59.42 2.05 0.00	63.06 2.22 0.00	62.01 2.37 0.00	52.73 1.97 0.00	48.44 1.50 0.00
DANSKAMMER___DIESEL 23592	52.68 2.24 0.00	51.07 2.18 0.00	50.93 2.06 0.00	48.86 1.93 0.00	54.65 2.07 0.00	46.39 1.80 0.00	51.71 1.80 0.00	68.85 2.55 0.00	70.02 2.54 0.00	51.36 2.03 0.00	44.76 1.85 0.00	43.94 1.89 0.00	38.87 1.70 0.00	44.00 2.00 0.00	44.19 2.12 0.00	49.70 2.21 0.00	58.25 2.36 0.00	63.52 2.26 0.00	56.13 2.07 0.00	59.42 2.05 0.00	63.07 2.23 0.00	62.02 2.38 0.00	52.73 1.97 0.00	48.44 1.50 0.00
DARBY___SOLAR 323810	51.80 1.36 0.00	50.39 1.50 0.00	50.19 1.32 0.00	48.14 1.21 0.00	53.96 1.38 0.00	45.78 1.19 0.00	51.31 1.40 0.00	68.29 1.99 0.00	69.11 1.63 0.00	49.88 0.55 0.00	43.01 0.10 0.00	42.37 0.33 0.00	37.60 0.43 0.00	42.49 0.49 0.00	42.91 0.83 0.00	48.61 1.12 0.00	57.40 1.51 0.00	63.43 2.17 0.00	55.92 1.86 0.00	59.38 2.01 0.00	62.97 2.13 0.00	61.39 1.75 0.00	52.17 1.42 0.00	48.24 1.30 0.00
DASHVILLE___HYD 23610	52.15 1.70 0.00	50.62 1.72 0.00	50.49 1.62 0.00	48.44 1.51 0.00	54.19 1.61 0.00	45.96 1.37 0.00	51.18 1.27 0.00	68.16 1.86 0.00	69.33 1.84 0.00	50.87 1.54 0.00	44.30 1.39 0.00	43.42 1.37 0.00	38.43 1.25 0.00	43.51 1.50 0.00	43.70 1.63 0.00	49.15 1.65 0.00	57.63 1.74 0.00	62.84 1.59 0.00	55.52 1.46 0.00	58.79 1.42 0.00	62.41 1.58 0.00	61.41 1.76 0.00	52.23 1.47 0.00	48.01 1.06 0.00
DELAWARE___LFGE 323621	51.57 1.13 0.00	50.14 1.24 0.00	50.18 1.31 0.00	48.17 1.24 0.00	53.95 1.37 0.00	45.64 1.04 0.00	50.91 1.00 0.00	67.71 1.40 0.00	68.91 1.43 0.00	50.43 1.10 0.00	43.92 1.01 0.00	43.15 1.10 0.00	38.11 0.94 0.00	43.12 1.12 0.00	43.17 1.10 0.00	48.71 1.22 0.00	57.21 1.32 0.00	62.41 1.15 0.00	55.10 1.04 0.00	58.38 1.01 0.00	62.01 1.17 0.00	60.93 1.29 0.00	51.81 1.05 0.00	47.74 0.80 0.00
DERFIELD_115KV_TB7 355931	50.50 0.06 0.00	48.99 0.10 0.00	48.97 0.09 0.00	47.02 0.09 0.00	52.67 0.09 0.00	44.66 0.07 0.00	49.95 0.04 0.00	66.36 0.06 0.00	67.48 0.00 0.00	49.28 -0.05 0.00	42.85 -0.06 0.00	42.01 -0.04 0.00	37.17 0.00 0.00	42.01 0.01 0.00	42.11 0.04 0.00	47.51 0.01 0.00	55.93 0.05 0.00	61.32 0.06 0.00	54.12 0.05 0.00	57.43 0.06 0.00	60.91 0.07 0.00	59.73 0.09 0.00	50.81 0.05 0.00	46.93 -0.02 0.00
DOGLEVILLE___HYD 23807	52.71 2.27 0.00	51.27 2.37 0.00	51.14 2.28 0.00	49.05 2.12 0.00	54.96 2.38 0.00	46.66 2.07 0.00	52.05 2.14 0.00	69.41 3.12 0.00	69.68 2.20 0.00	49.31 -0.02 0.00	43.06 0.15 0.00	42.42 0.37 0.00	37.73 0.56 0.00	42.53 0.52 0.00	42.99 0.92 0.00	48.06 0.57 0.00	57.43 1.54 0.00	63.70 2.44 0.00	56.81 2.74 0.00	60.30 2.93 0.00	63.94 3.10 0.00	62.79 3.15 0.00	53.25 2.50 0.00	49.00 2.06 0.00
DUNKIRK___115KV_TB_200 55889	50.46 0.01 0.00	48.23 -0.67 0.00	48.69 -0.18 0.00	46.87 -0.06 0.00	52.82 0.24 0.00	44.70 0.11 0.00	50.09 0.18 0.00	65.96 -0.34 0.00	67.53 0.05 0.00	50.13 0.80 0.00	44.23 1.32 0.00	43.56 1.51 0.00	38.36 1.19 0.00	43.17 1.17 0.00	42.58 0.51 0.00	48.35 0.85 0.00	56.10 0.21 0.00	60.33 -0.93 0.00	53.47 -0.59 0.00	57.01 -0.36 0.00	60.34 -0.49 0.00	59.49 -0.16 0.00	50.87 0.11 0.00	47.06 0.11 0.00
DUNKIRK___1 23563	50.46 0.01 0.00	48.23 -0.67 0.00	48.69 -0.18 0.00	46.87 -0.06 0.00	52.82 0.24 0.00	44.70 0.11 0.00	50.09 0.18 0.00	65.96 -0.34 0.00	67.53 0.05 0.00	50.13 0.80 0.00	44.23 1.32 0.00	43.56 1.51 0.00	38.36 1.19 0.00	43.17 1.17 0.00	42.58 0.51 0.00	48.35 0.85 0.00	56.10 0.21 0.00	60.33 -0.93 0.00	53.47 -0.59 0.00	57.01 -0.36 0.00	60.34 -0.49 0.00	59.49 -0.16 0.00	50.87 0.11 0.00	47.06 0.11 0.00
DUNKIRK___2 23564	50.46 0.01 0.00	48.23 -0.67 0.00	48.69 -0.18 0.00	46.87 -0.06 0.00	52.82 0.24 0.00	44.70 0.11 0.00	50.09 0.18 0.00	65.96 -0.34 0.00	67.53 0.05 0.00	50.13 0.80 0.00	44.23 1.32 0.00	43.56 1.51 0.00	38.36 1.19 0.00	43.17 1.17 0.00	42.58 0.51 0.00	48.35 0.85 0.00	56.10 0.21 0.00	60.33 -0.93 0.00	53.47 -0.59 0.00	57.01 -0.36 0.00	60.34 -0.49 0.00	59.49 -0.16 0.00	50.87 0.11 0.00	47.06 0.11 0.00
DUNKIRK___3 23565	50.28 -0.16 0.00	48.06 -0.84 0.00	48.52 -0.35 0.00	46.70 -0.23 0.00	52.61 0.03 0.00	44.53 -0.07 0.00	49.87 -0.04 0.00	65.63 -0.67 0.00	67.20 -0.28 0.00	49.89 0.56 0.00	44.03 1.12 0.00	43.37 1.32 0.00	38.18 1.00 0.00	43.00 1.00 0.00	42.45 0.37 0.00	48.16 0.67 0.00	55.81 -0.08 0.00	60.05 -1.22 0.00	53.18 -0.88 0.00	56.73 -0.64 0.00	60.02 -0.82 0.00	59.18 -0.46 0.00	50.61 -0.15 0.00	46.83 -0.12 0.00
DUNKIRK___4 23566	50.28 -0.16 0.00	48.06 -0.84 0.00	48.52 -0.35 0.00	46.70 -0.23 0.00	52.61 0.03 0.00	44.53 -0.07 0.00	49.87 -0.04 0.00	65.63 -0.67 0.00	67.20 -0.28 0.00	49.89 0.56 0.00	44.03 1.12 0.00	43.37 1.32 0.00	38.18 1.00 0.00	43.00 1.00 0.00	42.45 0.37 0.00	48.16 0.67 0.00	55.81 -0.08 0.00	60.05 -1.22 0.00	53.18 -0.88 0.00	56.73 -0.64 0.00	60.02 -0.82 0.00	59.18 -0.46 0.00	50.61 -0.15 0.00	46.83 -0.12 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	52.64 2.19 0.00	50.99 2.10 0.00	50.82 1.95 0.00	48.75 1.82 0.00	54.53 1.95 0.00	46.30 1.71 0.00	51.56 1.65 0.00	68.63 2.33 0.00	69.81 2.33 0.00	51.34 2.01 0.00	44.87 1.96 0.00	44.09 2.04 0.00	38.93 1.76 0.00	43.99 1.99 0.00	44.15 2.08 0.00	49.57 2.07 0.00	57.98 2.10 0.00	63.16 1.90 0.00	55.80 1.74 0.00	59.08 1.71 0.00	62.67 1.84 0.00	61.65 2.01 0.00	52.45 1.69 0.00	48.19 1.25 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	52.52 2.07 0.00	50.90 2.00 0.00	50.77 1.90 0.00	48.71 1.78 0.00	54.49 1.91 0.00	46.25 1.66 0.00	51.53 1.62 0.00	68.61 2.31 0.00	69.77 2.29 0.00	51.18 1.85 0.00	44.63 1.72 0.00	43.81 1.75 0.00	38.74 1.57 0.00	43.84 1.84 0.00	43.99 1.92 0.00	49.47 1.97 0.00	57.97 2.08 0.00	63.20 1.94 0.00	55.85 1.79 0.00	59.13 1.75 0.00	62.74 1.91 0.00	61.75 2.11 0.00	52.50 1.75 0.00	48.24 1.30 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	52.48 2.04 0.00	49.78 1.91 1.02	42.04 1.77 8.60	35.69 1.67 12.90	35.70 1.78 18.67	41.30 1.69 4.99	51.72 1.81 0.00	68.78 2.48 0.00	70.00 2.51 0.00	51.52 2.19 0.00	44.98 2.07 0.00	44.16 2.11 0.00	39.01 1.84 0.00	44.05 2.04 0.00	44.22 2.14 0.00	49.58 2.09 0.00	57.98 2.09 0.00	63.16 1.90 0.00	55.95 1.89 0.00	59.21 1.84 0.00	62.79 1.95 0.00	61.78 2.14 0.00	52.56 1.80 0.00	48.18 1.24 0.00

E179THST_13_KV_LOAD 356214	52.68 2.23 0.00	49.97 2.09 1.02	42.22 1.95 8.60	35.85 1.82 12.90	35.86 1.94 18.67	41.44 1.84 4.99	51.90 2.00 0.00	69.04 2.74 0.00	70.28 2.79 0.00	51.72 2.40 0.00	45.17 2.27 0.00	44.35 2.30 0.00	39.19 2.02 0.00	44.25 2.25 0.00	44.42 2.35 0.00	49.82 2.32 0.00	58.25 2.37 0.00	63.45 2.19 0.00	56.21 2.15 0.00	59.48 2.11 0.00	63.06 2.23 0.00	62.03 2.40 0.00	52.77 2.02 0.00	48.37 1.43 0.00
EAST HAMPTON___GT 23717	-5.09 1.32 56.86	23.56 1.30 26.62	32.49 1.02 17.40	22.74 0.60 24.79	-13.55 -0.06 66.07	6.19 0.15 38.56	11.41 0.15 38.65	11.70 0.47 55.07	12.29 1.03 56.21	14.85 1.26 35.74	36.01 2.16 9.06	36.25 2.09 7.89	38.62 1.67 0.23	36.10 1.74 7.64	43.28 2.13 0.92	47.04 2.13 2.58	46.07 2.35 12.17	64.15 2.89 0.00	29.75 2.22 26.53	31.47 2.29 28.19	44.16 1.79 18.46	47.38 2.40 14.67	48.49 1.97 4.25	45.36 1.31 2.90
EAST RIVER___6 23660	52.81 2.37 0.00	51.11 2.22 0.00	50.79 1.92 0.00	48.66 1.73 0.00	54.47 1.89 0.00	46.32 1.73 0.00	51.67 1.76 0.00	68.75 2.45 0.00	69.95 2.47 0.00	51.48 2.15 0.00	45.02 2.11 0.00	44.24 2.19 0.00	39.05 1.88 0.00	44.11 2.11 0.00	44.25 2.18 0.00	49.69 2.20 0.00	58.14 2.25 0.00	63.28 2.02 0.00	56.04 1.98 0.00	59.33 1.96 0.00	62.90 2.06 0.00	61.82 2.18 0.00	52.51 1.75 0.00	48.23 1.29 0.00
EAST RIVER___7 23524	52.81 2.37 0.00	51.11 2.22 0.00	50.79 1.92 0.00	48.66 1.73 0.00	54.47 1.89 0.00	46.32 1.73 0.00	51.67 1.76 0.00	68.75 2.45 0.00	69.95 2.47 0.00	51.48 2.15 0.00	45.02 2.11 0.00	44.24 2.19 0.00	39.05 1.88 0.00	44.11 2.11 0.00	44.25 2.18 0.00	49.69 2.20 0.00	58.14 2.25 0.00	63.28 2.02 0.00	56.04 1.98 0.00	59.33 1.96 0.00	62.90 2.06 0.00	61.82 2.18 0.00	52.51 1.75 0.00	48.23 1.29 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	52.55 2.11 0.00	50.92 2.03 0.00	50.76 1.89 0.00	48.67 1.74 0.00	54.46 1.88 0.00	46.24 1.64 0.00	51.49 1.58 0.00	68.56 2.26 0.00	69.73 2.25 0.00	51.25 1.92 0.00	44.78 1.87 0.00	44.01 1.95 0.00	38.87 1.69 0.00	43.91 1.91 0.00	44.06 1.99 0.00	49.48 1.99 0.00	57.89 2.00 0.00	63.08 1.82 0.00	55.73 1.67 0.00	58.98 1.61 0.00	62.58 1.75 0.00	61.57 1.93 0.00	52.37 1.61 0.00	48.11 1.17 0.00
EAST_HAMPTON___DIESEL 23722	-5.13 1.28 56.85	23.52 1.25 26.62	32.44 0.97 17.39	22.67 0.52 24.78	-13.64 -0.17 66.05	6.11 0.07 38.55	11.32 0.06 38.65	11.60 0.37 55.07	12.23 0.96 56.21	14.81 1.21 35.74	36.01 2.16 9.06	36.25 2.09 7.88	38.61 1.66 0.23	36.08 1.72 7.64	43.27 2.12 0.92	47.04 2.13 2.58	46.09 2.37 12.17	64.17 2.91 0.00	29.76 2.23 26.53	31.48 2.30 28.19	44.15 1.77 18.46	47.38 2.41 14.67	48.50 1.99 4.25	45.37 1.32 2.90
EAST_POINT___SOLAR 323840	52.30 1.86 0.00	50.67 1.78 0.00	50.66 1.80 0.00	48.64 1.71 0.00	54.49 1.91 0.00	46.22 1.62 0.00	51.85 1.94 0.00	68.98 2.68 0.00	69.06 1.58 0.00	48.94 -0.39 0.00	43.05 0.14 0.00	42.21 0.16 0.00	37.88 0.71 0.00	42.43 0.43 0.00	42.90 0.82 0.00	48.71 1.21 0.00	57.33 1.44 0.00	63.56 2.30 0.00	56.37 2.31 0.00	59.79 2.41 0.00	63.42 2.58 0.00	62.17 2.53 0.00	52.80 2.04 0.00	48.69 1.75 0.00
EAST_PULASKI___ESR 323781	50.03 -0.42 0.00	48.42 -0.47 0.00	48.41 -0.46 0.00	46.52 -0.41 0.00	52.11 -0.47 0.00	44.25 -0.35 0.00	49.57 -0.34 0.00	65.85 -0.45 0.00	67.12 -0.36 0.00	48.88 -0.45 0.00	42.35 -0.56 0.00	41.35 -0.70 0.00	36.54 -0.63 0.00	41.21 -0.79 0.00	41.28 -0.80 0.00	46.78 -0.72 0.00	55.12 -0.77 0.00	60.76 -0.49 0.00	53.85 -0.21 0.00	57.21 -0.16 0.00	60.63 -0.21 0.00	59.48 -0.16 0.00	50.54 -0.22 0.00	46.62 -0.32 0.00
EAST_RIVER___1 323558	52.83 2.39 0.00	51.16 2.26 0.00	50.91 2.04 0.00	48.80 1.87 0.00	54.63 2.05 0.00	46.44 1.85 0.00	51.78 1.87 0.00	68.91 2.61 0.00	70.10 2.62 0.00	51.57 2.24 0.00	45.09 2.18 0.00	44.30 2.25 0.00	39.11 1.93 0.00	44.19 2.18 0.00	44.33 2.26 0.00	49.77 2.27 0.00	58.22 2.33 0.00	63.38 2.12 0.00	56.06 2.00 0.00	59.32 1.96 0.00	62.92 2.08 0.00	61.89 2.25 0.00	52.62 1.86 0.00	48.34 1.39 0.00
EAST_RIVER___2 323559	52.81 2.37 0.00	51.11 2.22 0.00	50.79 1.92 0.00	48.66 1.73 0.00	54.47 1.89 0.00	46.32 1.73 0.00	51.67 1.76 0.00	68.75 2.45 0.00	69.95 2.47 0.00	51.48 2.15 0.00	45.02 2.11 0.00	44.24 2.19 0.00	39.05 1.88 0.00	44.11 2.11 0.00	44.25 2.18 0.00	49.69 2.20 0.00	58.14 2.25 0.00	63.28 2.02 0.00	56.04 1.98 0.00	59.33 1.96 0.00	62.90 2.06 0.00	61.82 2.18 0.00	52.51 1.75 0.00	48.23 1.29 0.00
EAST___DELAWARE_HYD 23607	51.78 1.34 0.00	50.21 1.32 0.00	50.11 1.24 0.00	48.06 1.12 0.00	53.78 1.20 0.00	45.62 1.03 0.00	50.91 1.00 0.00	67.85 1.55 0.00	68.98 1.50 0.00	50.48 1.15 0.00	43.87 0.97 0.00	42.97 0.91 0.00	37.85 0.67 0.00	41.93 -0.07 0.00	42.03 -0.05 0.00	47.37 -0.12 0.00	55.78 -0.11 0.00	60.88 -0.38 0.00	53.86 -0.20 0.00	57.02 -0.35 0.00	60.73 -0.11 0.00	61.14 1.50 0.00	51.97 1.21 0.00	47.73 0.79 0.00
EIGHT_POINT___WT_PWR 323820	50.91 0.47 0.00	48.93 0.04 0.00	49.19 0.32 0.00	47.38 0.45 0.00	53.22 0.63 0.00	45.02 0.43 0.00	50.28 0.37 0.00	66.74 0.44 0.00	68.71 1.22 0.00	50.12 0.79 0.00	44.20 1.29 0.00	42.99 0.94 0.00	38.50 1.32 0.00	42.97 0.97 0.00	42.67 0.59 0.00	48.63 1.14 0.00	56.67 0.78 0.00	61.38 0.12 0.00	54.17 0.11 0.00	57.89 0.52 0.00	61.21 0.37 0.00	60.19 0.54 0.00	51.24 0.48 0.00	47.39 0.44 0.00
ELBRIDGE_115KV_TB2 80188	49.63 -0.82 0.00	48.00 -0.89 0.00	48.05 -0.82 0.00	46.18 -0.75 0.00	51.75 -0.83 0.00	43.96 -0.64 0.00	49.20 -0.70 0.00	65.30 -1.01 0.00	66.51 -0.98 0.00	48.61 -0.72 0.00	42.35 -0.56 0.00	41.55 -0.49 0.00	36.76 -0.41 0.00	41.47 -0.53 0.00	41.42 -0.65 0.00	46.81 -0.69 0.00	55.06 -0.83 0.00	60.29 -0.97 0.00	53.23 -0.83 0.00	56.49 -0.88 0.00	59.86 -0.98 0.00	58.66 -0.98 0.00	49.91 -0.85 0.00	46.09 -0.86 0.00
ELEC_TRO_TEK 24086	52.33 1.89 0.00	50.77 1.88 0.00	50.55 1.68 0.00	48.43 1.50 0.00	53.73 1.52 0.37	45.09 1.26 0.77	44.03 1.02 6.89	58.28 1.53 9.56	59.14 1.52 9.86	44.71 1.42 6.04	44.78 1.87 0.00	43.92 1.87 0.00	38.79 1.62 0.00	43.83 1.83 0.00	43.95 1.87 0.00	48.76 1.67 0.41	55.52 1.57 1.94	62.79 1.53 0.00	51.04 1.21 4.23	54.01 1.14 4.49	59.18 1.28 2.94	58.74 1.44 2.34	51.32 1.24 0.68	47.33 0.85 0.46
ELLENBURG_WT_PWR 323604	51.34 0.89 0.00	49.62 0.73 0.00	49.61 0.74 0.00	47.63 0.70 0.00	53.38 0.80 0.00	45.29 0.69 0.00	50.70 0.79 0.00	67.40 1.10 0.00	68.69 1.21 0.00	50.28 0.95 0.00	43.64 0.73 0.00	42.48 0.43 0.00	37.45 0.28 0.00	42.35 0.35 0.00	42.48 0.41 0.00	48.15 0.65 0.00	56.69 0.80 0.00	62.33 1.07 0.00	54.97 0.91 0.00	58.43 1.06 0.00	61.87 1.03 0.00	60.52 0.88 0.00	51.72 0.96 0.00	48.12 1.17 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	50.02 -0.43 0.00	47.69 -1.21 0.00	48.15 -0.72 0.00	46.36 -0.58 0.00	52.23 -0.35 0.00	44.19 -0.40 0.00	49.46 -0.45 0.00	64.89 -1.41 0.00	66.58 -0.90 0.00	49.56 0.23 0.00	43.84 0.94 0.00	43.18 1.13 0.00	37.95 0.78 0.00	42.77 0.77 0.00	42.33 0.26 0.00	47.95 0.46 0.00	55.42 -0.47 0.00	59.63 -1.63 0.00	52.75 -1.31 0.00	56.30 -1.07 0.00	59.48 -1.36 0.00	58.69 -0.95 0.00	50.23 -0.53 0.00	46.58 -0.36 0.00
EMPIRE_CC_1 323656	50.39 -0.05 0.00	49.00 0.11 0.00	48.77 -0.09 0.00	46.74 -0.19 0.00	52.33 -0.25 0.00	44.48 -0.12 0.00	49.68 -0.23 0.00	66.08 -0.22 0.00	67.10 -0.38 0.00	48.83 -0.50 0.00	42.27 -0.64 0.00	41.44 -0.61 0.00	36.79 -0.38 0.00	41.56 -0.45 0.00	41.88 -0.20 0.00	47.23 -0.26 0.00	55.88 -0.01 0.00	61.35 0.09 0.00	54.03 -0.03 0.00	57.32 -0.05 0.00	60.93 0.09 0.00	59.62 -0.02 0.00	50.64 -0.12 0.00	46.78 -0.16 0.00
EMPIRE_CC_2 323658	50.39 -0.05 0.00	49.00 0.11 0.00	48.77 -0.09 0.00	46.74 -0.19 0.00	52.33 -0.25 0.00	44.48 -0.12 0.00	49.68 -0.23 0.00	66.08 -0.22 0.00	67.10 -0.38 0.00	48.83 -0.50 0.00	42.27 -0.64 0.00	41.44 -0.61 0.00	36.79 -0.38 0.00	41.56 -0.45 0.00	41.88 -0.20 0.00	47.23 -0.26 0.00	55.88 -0.01 0.00	61.35 0.09 0.00	54.03 -0.03 0.00	57.32 -0.05 0.00	60.93 0.09 0.00	59.62 -0.02 0.00	50.64 -0.12 0.00	46.78 -0.16 0.00
ENORWICH_115KV_TB1 80156	53.24 2.80 0.00	51.63 2.74 0.00	51.77 2.90 0.00	49.58 2.65 0.00	55.61 3.03 0.00	47.19 2.60 0.00	52.90 2.99 0.00	70.62 4.32 0.00	71.69 4.21 0.00	51.94 2.61 0.00	44.90 1.99 0.00	44.12 2.06 0.00	38.98 1.80 0.00	44.38 2.38 0.00	44.41 2.33 0.00	50.23 2.73 0.00	59.48 3.59 0.00	65.43 4.17 0.00	57.88 3.82 0.00	61.35 3.98 0.00	64.91 4.07 0.00	63.60 3.96 0.00	53.94 3.18 0.00	49.63 2.69 0.00
ERIE_ST__34_KV_TB1-2 80199	50.33 -0.12 0.00	47.96 -0.93 0.00	48.41 -0.46 0.00	46.57 -0.36 0.00	52.47 -0.11 0.00	44.41 -0.19 0.00	49.76 -0.15 0.00	65.38 -0.92 0.00	66.97 -0.51 0.00	49.77 0.44 0.00	43.98 1.07 0.00	43.26 1.21 0.00	38.03 0.86 0.00	42.93 0.93 0.00	42.50 0.42 0.00	48.18 0.69 0.00	55.72 -0.17 0.00	59.98 -1.28 0.00	53.06 -1.00 0.00	56.65 -0.72 0.00	59.95 -0.89 0.00	59.08 -0.56 0.00	50.51 -0.25 0.00	46.77 -0.17 0.00
ERIE_WT_PWR 323693	47.25 -0.16 3.03	45.36 -0.94 2.59	46.50 -0.44 1.93	44.35 -0.33 2.25	50.59 -0.11 1.88	43.57 -0.18 0.85	48.17 -0.16 1.57	62.37 -1.01 2.93	65.26 -0.53 1.69	49.18 0.42 0.57	43.96 1.05 0.00	43.29 1.24 0.00	38.01 0.84 0.00	42.90 0.90 0.00	41.91 0.40 0.57	47.12 0.68 1.06	55.29 -0.17 0.43	59.91 -1.30 0.04	53.06 -1.00 0.00	56.59 -0.75 0.04	58.78 -1.01 1.05	57.42 -0.64 1.58	48.61 -0.25 1.90	46.11 -0.13 0.70
ESPRGFLD_115KV_TB1 80157	51.65 1.20 0.00	50.11 1.22 0.00	50.18 1.32 0.00	48.23 1.30 0.00	54.02 1.45 0.00	45.76 1.16 0.00	51.21 1.30 0.00	68.06 1.76 0.00	69.31 1.82 0.00	50.84 1.51 0.00	44.22 1.31 0.00	43.35 1.30 0.00	38.19 1.02 0.00	43.29 1.29 0.00	43.30 1.23 0.00	49.05 1.56 0.00	57.30 1.41 0.00	62.67 1.41 0.00	55.35 1.29 0.00	58.69 1.32 0.00	62.29 1.45 0.00	61.18 1.54 0.00	52.04 1.28 0.00	48.03 1.08 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	51.07 0.62 0.00	49.42 0.53 0.00	49.52 0.65 0.00	47.58 0.65 0.00	53.32 0.74 0.00	45.24 0.65 0.00	50.62 0.72 0.00	67.32 1.02 0.00	68.52 1.04 0.00	50.01 0.69 0.00	43.37 0.46 0.00	42.51 0.46 0.00	37.66 0.48 0.00	42.66 0.66 0.00	42.61 0.54 0.00	48.16 0.67 0.00	56.71 0.82 0.00	62.14 0.88 0.00	54.92 0.86 0.00	58.29 0.92 0.00	61.77 0.93 0.00	60.54 0.90 0.00	51.47 0.71 0.00	47.47 0.53 0.00
ETNA____115KV_TB2 80207	51.07 0.62 0.00	49.42 0.53 0.00	49.52 0.65 0.00	47.58 0.65 0.00	53.32 0.74 0.00	45.24 0.65 0.00	50.62 0.72 0.00	67.32 1.02 0.00	68.52 1.04 0.00	50.01 0.69 0.00	43.37 0.46 0.00	42.51 0.46 0.00	37.66 0.48 0.00	42.66 0.66 0.00	42.61 0.54 0.00	48.16 0.67 0.00	56.71 0.82 0.00	62.14 0.88 0.00	54.92 0.86 0.00	58.29 0.92 0.00	61.77 0.93 0.00	60.54 0.90 0.00	51.47 0.71 0.00	47.47 0.53 0.00
EUCLID__115KV_TB2 356179	49.38 -1.06 0.00	47.81 -1.08 0.00	47.80 -1.06 0.00	45.93 -1.00 0.00	51.47 -1.11 0.00	43.70 -0.89 0.00	48.92 -0.99 0.00	64.93 -1.37 0.00	66.14 -1.35 0.00	48.36 -0.97 0.00	42.15 -0.75 0.00	41.38 -0.67 0.00	36.57 -0.60 0.00	41.29 -0.71 0.00	41.30 -0.78 0.00	46.65 -0.85 0.00	54.83 -1.06 0.00	60.07 -1.19 0.00	53.02 -1.04 0.00	56.28 -1.09 0.00	59.64 -1.20 0.00	58.44 -1.20 0.00	49.72 -1.04 0.00	45.92 -1.02 0.00
E_CANADA_CAP_HY 24051	51.43 0.99 0.00	49.84 0.94 0.00	49.86 0.99 0.00	47.91 0.98 0.00	53.67 1.09 0.00	45.50 0.90 0.00	51.00 1.09 0.00	67.75 1.45 0.00	68.79 1.31 0.00	50.05 0.72 0.00	43.51 0.60 0.00	42.58 0.53 0.00	37.65 0.48 0.00	42.60 0.60 0.00	42.70 0.62 0.00	48.41 0.91 0.00	56.48 0.59 0.00	62.21 0.95 0.00	55.08 1.02 0.00	58.45 1.08 0.00	62.03 1.19 0.00	60.95 1.31 0.00	51.85 1.09 0.00	47.89 0.95 0.00
E_CANADA_MHWK_HY 24050	52.71 2.27 0.00	51.26 2.37 0.00	51.14 2.28 0.00	49.06 2.12 0.00	54.96 2.38 0.00	46.66 2.07 0.00	52.05 2.14 0.00	69.42 3.11 0.00	69.68 2.20 0.00	49.31 -0.02 0.00	43.06 0.15 0.00	42.42 0.37 0.00	37.73 0.56 0.00	42.53 0.53 0.00	42.99 0.92 0.00	48.06 0.57 0.00	57.43 1.54 0.00	63.70 2.44 0.00	56.81 2.74 0.00	60.30 2.93 0.00	63.94 3.10 0.00	62.79 3.15 0.00	53.25 2.50 0.00	49.00 2.05 0.00
E_FISHKILL__LBMP 23776	52.07 1.63 0.00	50.51 1.61 0.00	50.37 1.50 0.00	48.30 1.37 0.00	54.04 1.46 0.00	45.87 1.27 0.00	51.05 1.14 0.00	67.95 1.65 0.00	69.11 1.63 0.00	50.76 1.43 0.00	44.29 1.38 0.00	43.50 1.45 0.00	38.45 1.28 0.00	43.50 1.50 0.00	43.69 1.62 0.00	49.10 1.61 0.00	57.49 1.60 0.00	62.67 1.41 0.00	55.35 1.29 0.00	58.60 1.23 0.00	62.20 1.36 0.00	61.19 1.54 0.00	52.05 1.30 0.00	47.86 0.92 0.00
FALCON__SEABRD_CC1 323796	51.54 1.10 0.00	49.81 0.92 0.00	49.79 0.92 0.00	47.81 0.89 0.00	53.61 1.03 0.00	45.47 0.87 0.00	50.76 0.86 0.00	67.53 1.23 0.00	68.72 1.24 0.00	50.43 1.10 0.00	43.79 0.88 0.00	42.63 0.58 0.00	37.59 0.42 0.00	42.55 0.55 0.00	42.69 0.62 0.00	48.41 0.91 0.00	56.81 0.92 0.00	62.47 1.21 0.00	55.05 0.99 0.00	58.55 1.18 0.00	61.97 1.13 0.00	60.51 0.87 0.00	51.90 1.14 0.00	48.32 1.38 0.00
FALCON__SEABRD_CC2 323797	51.54 1.10 0.00	49.81 0.92 0.00	49.79 0.92 0.00	47.81 0.89 0.00	53.61 1.03 0.00	45.47 0.87 0.00	50.76 0.86 0.00	67.53 1.23 0.00	68.72 1.24 0.00	50.43 1.10 0.00	43.79 0.88 0.00	42.63 0.58 0.00	37.59 0.42 0.00	42.55 0.55 0.00	42.69 0.62 0.00	48.41 0.91 0.00	56.81 0.92 0.00	62.47 1.21 0.00	55.05 0.99 0.00	58.55 1.18 0.00	61.97 1.13 0.00	60.51 0.87 0.00	51.90 1.14 0.00	48.32 1.38 0.00

FAR ROCKAWAY___4 23548	52.95 2.50 0.00	51.36 2.46 0.00	51.15 2.28 0.00	48.98 2.05 0.00	54.71 2.13 0.00	46.23 1.77 0.13	51.84 1.51 -0.42	67.96 2.20 0.53	70.80 2.18 -1.15	51.53 1.88 -0.32	45.30 2.39 0.00	44.45 2.39 0.00	39.25 2.07 0.00	44.36 2.36 0.00	44.51 2.43 0.00	49.81 2.31 0.00	58.19 2.30 0.00	63.60 2.34 0.00	55.99 1.93 0.00	59.26 1.89 0.00	62.88 2.04 0.00	61.81 2.17 0.00	52.60 1.85 0.00	48.36 1.42 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	52.84 2.40 0.00	51.15 2.26 0.00	50.96 2.09 0.00	48.88 1.95 0.00	54.70 2.12 0.00	46.48 1.88 0.00	51.79 1.89 0.00	68.94 2.64 0.00	70.13 2.64 0.00	51.60 2.28 0.00	45.09 2.18 0.00	44.31 2.26 0.00	39.12 1.94 0.00	44.20 2.20 0.00	44.35 2.27 0.00	49.80 2.30 0.00	58.23 2.34 0.00	63.40 2.14 0.00	56.06 2.00 0.00	59.33 1.96 0.00	62.93 2.09 0.00	61.90 2.26 0.00	52.65 1.89 0.00	48.35 1.41 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	52.85 2.40 0.00	51.17 2.28 0.00	50.97 2.10 0.00	48.90 1.96 0.00	54.70 2.12 0.00	46.49 1.89 0.00	51.81 1.90 0.00	68.95 2.64 0.00	70.15 2.67 0.00	51.60 2.28 0.00	45.09 2.19 0.00	44.31 2.26 0.00	39.12 1.95 0.00	44.20 2.20 0.00	44.36 2.28 0.00	49.80 2.30 0.00	58.24 2.35 0.00	63.41 2.15 0.00	56.07 2.01 0.00	59.34 1.97 0.00	62.95 2.11 0.00	61.93 2.29 0.00	52.66 1.90 0.00	48.36 1.42 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	52.81 2.37 0.00	51.13 2.24 0.00	50.95 2.08 0.00	48.85 1.92 0.00	54.67 2.09 0.00	46.46 1.86 0.00	51.78 1.87 0.00	68.90 2.60 0.00	70.09 2.61 0.00	51.57 2.24 0.00	45.06 2.15 0.00	44.28 2.23 0.00	39.09 1.92 0.00	44.17 2.17 0.00	44.32 2.25 0.00	49.75 2.26 0.00	58.19 2.30 0.00	63.35 2.09 0.00	56.01 1.95 0.00	59.30 1.93 0.00	62.89 2.05 0.00	61.87 2.23 0.00	52.61 1.86 0.00	48.32 1.38 0.00
FARRAGUT___LBMP 323566	52.78 2.34 0.00	51.10 2.21 0.00	50.91 2.05 0.00	48.84 1.91 0.00	54.65 2.07 0.00	46.43 1.84 0.00	51.74 1.84 0.00	68.86 2.56 0.00	70.06 2.58 0.00	51.53 2.20 0.00	45.04 2.14 0.00	44.25 2.20 0.00	39.07 1.89 0.00	44.14 2.14 0.00	44.29 2.22 0.00	49.73 2.23 0.00	58.15 2.27 0.00	63.32 2.06 0.00	55.99 1.93 0.00	59.26 1.90 0.00	62.85 2.01 0.00	61.83 2.18 0.00	52.59 1.83 0.00	48.31 1.36 0.00
FENNER___WINDPWR 24204	51.31 0.87 0.00	49.74 0.84 0.00	49.80 0.93 0.00	47.91 0.98 0.00	53.68 1.10 0.00	45.52 0.93 0.00	51.00 1.10 0.00	67.82 1.52 0.00	68.98 1.50 0.00	50.33 1.00 0.00	43.66 0.75 0.00	42.79 0.74 0.00	37.75 0.58 0.00	42.84 0.84 0.00	42.83 0.75 0.00	48.38 0.88 0.00	57.03 1.14 0.00	62.75 1.49 0.00	55.31 1.25 0.00	58.64 1.27 0.00	62.16 1.33 0.00	60.90 1.26 0.00	51.75 0.99 0.00	47.76 0.81 0.00
FIBERTEK___ENERGY 23856	49.85 -0.59 0.00	48.25 -0.64 0.00	48.27 -0.60 0.00	46.38 -0.56 0.00	51.97 -0.62 0.00	44.15 -0.45 0.00	49.42 -0.49 0.00	65.62 -0.68 0.00	66.80 -0.68 0.00	48.80 -0.53 0.00	42.53 -0.38 0.00	41.76 -0.29 0.00	36.92 -0.26 0.00	41.68 -0.33 0.00	41.63 -0.44 0.00	47.05 -0.45 0.00	55.35 -0.54 0.00	60.66 -0.60 0.00	53.56 -0.50 0.00	56.82 -0.55 0.00	60.22 -0.62 0.00	58.99 -0.65 0.00	50.17 -0.59 0.00	46.33 -0.61 0.00
FITZPATRICK___ 23598	48.69 -1.75 0.00	47.15 -1.74 0.00	47.14 -1.73 0.00	45.30 -1.63 0.00	50.75 -1.83 0.00	43.11 -1.49 0.00	48.26 -1.65 0.00	64.02 -2.28 0.00	65.20 -2.28 0.00	47.65 -1.67 0.00	41.54 -1.37 0.00	40.76 -1.29 0.00	36.02 -1.15 0.00	40.67 -1.33 0.00	40.72 -1.36 0.00	45.95 -1.55 0.00	54.00 -1.89 0.00	59.22 -2.04 0.00	52.25 -1.81 0.00	55.47 -1.90 0.00	58.79 -2.05 0.00	57.59 -2.05 0.00	49.02 -1.73 0.00	45.30 -1.65 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	52.75 2.30 0.00	51.13 2.24 0.00	51.01 2.14 0.00	48.92 1.99 0.00	54.74 2.16 0.00	46.46 1.86 0.00	51.78 1.87 0.00	68.96 2.65 0.00	70.13 2.65 0.00	51.45 2.13 0.00	44.83 1.93 0.00	44.01 1.95 0.00	38.94 1.77 0.00	44.08 2.08 0.00	44.28 2.20 0.00	49.80 2.30 0.00	58.36 2.47 0.00	63.64 2.38 0.00	56.24 2.18 0.00	59.53 2.16 0.00	63.18 2.34 0.00	62.11 2.47 0.00	52.81 2.05 0.00	48.53 1.58 0.00
FORT ORANGE___ 23900	50.58 0.13 0.00	49.17 0.27 0.00	49.00 0.13 0.00	46.99 0.05 0.00	54.01 1.43 0.00	46.43 1.83 0.00	49.87 -0.04 0.00	66.37 0.07 0.00	67.38 -0.10 0.00	48.92 -0.41 0.00	42.37 -0.53 0.00	41.60 -0.45 0.00	37.00 -0.18 0.00	41.77 -0.23 0.00	42.04 -0.04 0.00	47.45 -0.05 0.00	56.12 0.23 0.00	61.54 0.28 0.00	54.34 0.28 0.00	57.60 0.23 0.00	61.18 0.34 0.00	59.89 0.25 0.00	50.86 0.10 0.00	46.93 -0.02 0.00
FORT_DRUM_COGEN 23780	52.48 2.04 0.00	50.76 1.86 0.00	50.82 1.95 0.00	48.81 1.88 0.00	54.65 2.07 0.00	46.44 1.84 0.00	52.18 2.27 0.00	69.36 3.05 0.00	70.60 3.13 0.00	51.01 1.68 0.00	43.56 0.66 0.00	41.83 -0.22 0.00	37.05 -0.12 0.00	41.97 -0.03 0.00	42.11 0.04 0.00	48.09 0.59 0.00	57.12 1.23 0.00	63.94 2.69 0.00	57.08 3.02 0.00	60.58 3.21 0.00	64.20 3.36 0.00	63.00 3.36 0.00	53.43 2.67 0.00	49.25 2.31 0.00
FOX_HILLS___ESR 323835	80.25 2.74 -27.07	51.47 2.58 0.00	51.30 2.44 0.00	49.22 2.29 0.00	55.05 2.48 0.00	46.82 2.23 0.00	52.24 2.33 0.00	69.31 3.01 0.00	70.28 2.80 0.00	51.68 2.35 0.00	45.12 2.21 0.00	44.33 2.28 0.00	39.14 1.97 0.00	44.21 2.20 0.00	44.38 2.31 0.00	49.79 2.29 0.00	58.27 2.38 0.00	63.47 2.21 0.00	56.15 2.09 0.00	59.47 2.10 0.00	63.07 2.23 0.00	62.08 2.44 0.00	53.05 2.29 0.00	48.67 1.73 0.00
FPL_FAR_ROCK_GT1 24212	52.94 2.50 0.00	51.35 2.46 0.00	51.13 2.26 0.00	48.94 2.01 0.00	54.68 2.10 0.00	46.21 1.75 0.13	51.81 1.48 -0.42	67.93 2.16 0.53	70.77 2.14 -1.15	51.50 1.86 -0.32	45.30 2.39 0.00	44.44 2.39 0.00	39.24 2.07 0.00	44.36 2.36 0.00	44.51 2.43 0.00	49.81 2.31 0.00	58.19 2.30 0.00	63.59 2.33 0.00	55.99 1.93 0.00	59.26 1.88 0.00	62.87 2.04 0.00	61.80 2.16 0.00	52.61 1.85 0.00	48.36 1.42 0.00
FPL_FAR_ROCK_GT2 23815	52.94 2.50 0.00	51.35 2.46 0.00	51.13 2.26 0.00	48.94 2.01 0.00	54.68 2.10 0.00	46.21 1.75 0.13	51.81 1.48 -0.42	67.93 2.16 0.53	70.77 2.14 -1.15	51.50 1.86 -0.32	45.30 2.39 0.00	44.44 2.39 0.00	39.24 2.07 0.00	44.36 2.36 0.00	44.51 2.43 0.00	49.81 2.31 0.00	58.19 2.30 0.00	63.59 2.33 0.00	55.99 1.93 0.00	59.26 1.88 0.00	62.87 2.04 0.00	61.80 2.16 0.00	52.61 1.85 0.00	48.36 1.42 0.00
FRANKLIN_FALL_HYD 24054	52.39 1.94 0.00	50.51 1.62 0.00	50.53 1.66 0.00	48.52 1.58 0.00	54.42 1.84 0.00	46.17 1.58 0.00	51.78 1.87 0.00	68.88 2.58 0.00	70.33 2.85 0.00	51.45 2.12 0.00	44.61 1.70 0.00	43.36 1.30 0.00	38.15 0.98 0.00	43.12 1.11 0.00	43.15 1.07 0.00	48.84 1.34 0.00	57.84 1.95 0.00	63.78 2.52 0.00	56.32 2.26 0.00	59.85 2.48 0.00	63.32 2.48 0.00	61.96 2.32 0.00	52.87 2.11 0.00	49.18 2.23 0.00

GILBOA____ 23599	51.23 0.79 0.00	50.06 1.17 0.00	50.15 1.28 0.00	48.12 1.19 0.00	53.86 1.28 0.00	45.34 0.75 0.00	50.44 0.53 0.00	67.09 0.79 0.00	68.20 0.72 0.00	49.88 0.55 0.00	43.41 0.50 0.00	42.61 0.56 0.00	37.69 0.52 0.00	42.62 0.62 0.00	42.77 0.70 0.00	48.20 0.71 0.00	56.66 0.77 0.00	61.76 0.51 0.00	54.48 0.42 0.00	57.64 0.27 0.00	61.40 0.56 0.00	60.41 0.76 0.00	51.39 0.63 0.00	47.38 0.43 0.00
GINNA____ 23603	47.03 -2.60 0.82	45.34 -2.85 0.70	45.64 -2.71 0.52	43.79 -2.54 0.60	49.33 -2.74 0.51	42.05 -2.32 0.23	46.97 -2.51 0.43	61.96 -3.56 0.79	63.61 -3.42 0.45	46.96 -2.22 0.15	41.25 -1.65 0.00	40.55 -1.50 0.00	35.76 -1.42 0.00	40.34 -1.66 0.00	40.13 -1.79 0.15	45.32 -1.89 0.28	53.25 -2.53 0.12	58.19 -3.06 0.01	51.40 -2.66 0.00	54.62 -2.75 0.01	57.44 -3.12 0.28	56.20 -3.01 0.43	47.69 -2.55 0.51	44.32 -2.43 0.19
GLEN PARK____ 23778	52.62 2.18 0.00	50.90 2.01 0.00	50.96 2.09 0.00	48.94 2.01 0.00	54.80 2.22 0.00	46.58 1.98 0.00	52.34 2.44 0.00	69.60 3.30 0.00	70.86 3.38 0.00	51.12 1.79 0.00	43.54 0.63 0.00	41.76 -0.29 0.00	36.99 -0.18 0.00	41.91 -0.09 0.00	42.07 -0.01 0.00	48.11 0.61 0.00	57.16 1.27 0.00	64.17 2.91 0.00	57.33 3.26 0.00	60.86 3.49 0.00	64.49 3.65 0.00	63.26 3.62 0.00	53.64 2.88 0.00	49.42 2.48 0.00
GLENDALE_27_KV_LOAD 356172	52.99 2.55 0.00	51.28 2.39 0.00	51.13 2.26 0.00	49.05 2.12 0.00	54.87 2.29 0.00	46.66 2.07 0.00	52.04 2.13 0.00	69.23 2.93 0.00	70.40 2.92 0.00	51.84 2.52 0.00	45.31 2.40 0.00	44.51 2.46 0.00	39.31 2.14 0.00	44.40 2.40 0.00	44.57 2.50 0.00	50.00 2.50 0.00	58.48 2.59 0.00	63.64 2.38 0.00	56.28 2.22 0.00	59.56 2.18 0.00	63.16 2.32 0.00	62.15 2.51 0.00	52.89 2.13 0.00	48.53 1.59 0.00
GLENWOOD_IC_1_G5 23712	52.65 2.21 0.00	51.04 2.15 0.00	50.85 1.98 0.00	48.73 1.80 0.00	53.78 1.90 0.70	44.90 1.60 1.30	38.52 1.48 12.87	51.20 2.11 17.21	50.72 2.12 18.89	39.90 1.86 11.29	45.00 2.09 0.00	44.16 2.11 0.00	39.01 1.84 0.00	44.08 2.08 0.00	44.22 2.15 0.00	48.78 2.06 0.78	54.27 2.05 3.67	63.21 1.95 0.00	47.75 1.69 8.00	50.50 1.63 8.49	57.05 1.77 5.56	57.16 1.94 4.42	51.11 1.63 1.28	47.26 1.19 0.87
GLENWOOD_IC_2_G1 23688	52.54 2.10 0.00	50.93 2.04 0.00	50.73 1.86 0.00	48.61 1.68 0.00	54.37 1.79 0.00	46.14 1.54 0.00	51.33 1.43 0.01	68.33 2.05 0.02	69.53 2.05 0.00	51.12 1.80 0.01	44.86 1.95 0.00	44.04 1.99 0.00	38.91 1.73 0.00	43.97 1.97 0.00	44.09 2.01 0.00	49.45 1.95 0.00	57.83 1.94 0.00	63.06 1.80 0.00	55.64 1.57 0.00	58.89 1.52 0.00	62.49 1.65 0.00	61.47 1.83 0.00	52.30 1.54 0.00	48.06 1.11 0.00
GLENWOOD_IC_3_G1 23689	52.54 2.10 0.00	50.93 2.04 0.00	50.73 1.86 0.00	48.61 1.68 0.00	54.37 1.79 0.00	46.14 1.54 0.00	51.33 1.43 0.01	68.33 2.05 0.02	69.53 2.05 0.00	51.12 1.80 0.01	44.86 1.95 0.00	44.04 1.99 0.00	38.91 1.73 0.00	43.97 1.97 0.00	44.09 2.01 0.00	49.45 1.95 0.00	57.83 1.94 0.00	63.06 1.80 0.00	55.64 1.57 0.00	58.89 1.52 0.00	62.49 1.65 0.00	61.47 1.83 0.00	52.30 1.54 0.00	48.06 1.11 0.00
GLENWOOD____4 23550	52.65 2.21 0.00	51.04 2.15 0.00	50.85 1.98 0.00	48.73 1.80 0.00	53.78 1.90 0.70	44.90 1.60 1.30	38.52 1.48 12.87	51.20 2.11 17.21	50.72 2.12 18.89	39.90 1.86 11.29	45.00 2.09 0.00	44.16 2.11 0.00	39.01 1.84 0.00	44.08 2.08 0.00	44.22 2.15 0.00	48.78 2.06 0.78	54.27 2.05 3.67	63.21 1.95 0.00	47.75 1.69 8.00	50.50 1.63 8.49	57.05 1.77 5.56	57.16 1.94 4.42	51.11 1.63 1.28	47.26 1.19 0.87
GLENWOOD____5 23614	52.65 2.21 0.00	51.04 2.15 0.00	50.85 1.98 0.00	48.73 1.80 0.00	53.78 1.90 0.70	44.90 1.60 1.30	38.52 1.48 12.87	51.20 2.11 17.21	50.72 2.12 18.89	39.90 1.86 11.29	45.00 2.09 0.00	44.16 2.11 0.00	39.01 1.84 0.00	44.08 2.08 0.00	44.22 2.15 0.00	48.78 2.06 0.78	54.27 2.05 3.67	63.21 1.95 0.00	47.75 1.69 8.00	50.50 1.63 8.49	57.05 1.77 5.56	57.16 1.94 4.42	51.11 1.63 1.28	47.26 1.19 0.87
GLOBAL GREEN_PORT_GT1 23814	-5.45 1.42 57.31	23.50 1.44 26.84	32.51 1.18 17.54	22.75 0.81 24.98	-13.67 0.33 66.58	6.18 0.42 38.83	11.64 0.38 38.65	12.02 0.78 55.07	12.49 1.22 56.21	14.87 1.29 35.75	35.88 2.11 9.13	36.15 2.05 7.95	38.61 1.67 0.23	36.07 1.77 7.70	43.24 2.09 0.93	46.95 2.04 2.58	45.95 2.23 12.17	63.98 2.72 0.00	29.59 2.07 26.53	31.28 2.10 28.19	44.13 1.75 18.46	47.22 2.25 14.67	48.34 1.82 4.25	45.22 1.17 2.90
GLOBE____DSASP 323697	49.29 -1.16 0.00	46.90 -1.99 0.00	47.41 -1.46 0.00	45.66 -1.28 0.00	51.44 -1.14 0.00	43.41 -1.19 0.00	48.41 -1.50 0.00	63.25 -3.06 0.00	64.99 -2.49 0.00	48.72 -0.60 0.00	43.25 0.34 0.00	42.61 0.56 0.00	37.43 0.26 0.00	42.14 0.13 0.00	41.72 -0.36 0.00	47.02 -0.48 0.00	54.13 -1.76 0.00	58.24 -3.02 0.00	51.50 -2.56 0.00	54.95 -2.42 0.00	57.99 -2.85 0.00	57.33 -2.31 0.00	49.35 -1.41 0.00	45.91 -1.03 0.00
GOETHSLN____LBMP 323567	52.56 2.11 0.00	50.89 2.00 0.00	50.70 1.83 0.00	48.61 1.68 0.00	54.41 1.83 0.00	46.26 1.66 0.00	51.56 1.65 0.00	68.64 2.34 0.00	69.83 2.35 0.00	51.37 2.04 0.00	44.88 1.97 0.00	44.10 2.05 0.00	38.94 1.77 0.00	44.01 2.00 0.00	44.16 2.09 0.00	49.57 2.08 0.00	57.96 2.08 0.00	63.11 1.85 0.00	55.80 1.74 0.00	59.09 1.72 0.00	62.66 1.83 0.00	61.65 2.01 0.00	52.38 1.63 0.00	48.10 1.15 0.00
GOLAH____69_KV_TB 1_2 80279	50.64 0.20 0.00	48.58 -0.31 0.00	48.85 -0.02 0.00	46.98 0.05 0.00	52.87 0.30 0.00	44.86 0.27 0.00	50.30 0.39 0.00	66.32 0.02 0.00	67.63 0.15 0.00	49.86 0.53 0.00	43.82 0.91 0.00	43.20 1.15 0.00	37.96 0.79 0.00	42.77 0.77 0.00	42.70 0.62 0.00	48.41 0.91 0.00	56.44 0.55 0.00	61.30 0.04 0.00	54.11 0.05 0.00	57.58 0.21 0.00	60.79 -0.05 0.00	59.74 0.10 0.00	50.88 0.13 0.00	47.10 0.16 0.00
GOODYEAR_LAKE_HYD 323669	51.85 1.40 0.00	50.38 1.49 0.00	50.45 1.58 0.00	48.43 1.50 0.00	54.25 1.67 0.00	45.91 1.32 0.00	51.28 1.37 0.00	68.23 1.93 0.00	69.43 1.95 0.00	50.87 1.54 0.00	44.26 1.36 0.00	43.50 1.45 0.00	38.38 1.20 0.00	43.48 1.47 0.00	43.51 1.44 0.00	49.16 1.67 0.00	57.65 1.76 0.00	62.91 1.66 0.00	55.54 1.47 0.00	58.84 1.47 0.00	62.48 1.64 0.00	61.38 1.74 0.00	52.17 1.41 0.00	48.08 1.14 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	50.57 0.12 0.00	48.98 0.08 0.00	49.12 0.25 0.00	47.19 0.25 0.00	52.91 0.33 0.00	44.81 0.21 0.00	50.06 0.15 0.00	66.51 0.21 0.00	67.66 0.18 0.00	49.58 0.25 0.00	43.26 0.35 0.00	42.54 0.49 0.00	37.57 0.40 0.00	42.50 0.49 0.00	42.33 0.26 0.00	47.88 0.38 0.00	56.13 0.24 0.00	61.13 -0.14 0.00	54.00 -0.06 0.00	57.36 -0.02 0.00	60.87 0.04 0.00	59.76 0.12 0.00	50.86 0.10 0.00	46.92 -0.02 0.00

GOUDEY___7 23579	50.57 0.12 0.00	48.98 0.08 0.00	49.12 0.25 0.00	47.19 0.25 0.00	52.91 0.33 0.00	44.81 0.21 0.00	50.06 0.15 0.00	66.51 0.21 0.00	67.66 0.18 0.00	49.58 0.25 0.00	43.26 0.35 0.00	42.54 0.49 0.00	37.57 0.40 0.00	42.50 0.49 0.00	42.33 0.26 0.00	47.88 0.38 0.00	56.13 0.24 0.00	61.13 -0.14 0.00	54.00 -0.06 0.00	57.36 -0.02 0.00	60.87 0.04 0.00	59.76 0.12 0.00	50.86 0.10 0.00	46.92 -0.02 0.00
GOUDEY___8 23580	50.57 0.12 0.00	48.98 0.08 0.00	49.12 0.25 0.00	47.19 0.25 0.00	52.91 0.33 0.00	44.81 0.21 0.00	50.06 0.15 0.00	66.51 0.21 0.00	67.66 0.18 0.00	49.58 0.25 0.00	43.26 0.35 0.00	42.54 0.49 0.00	37.57 0.40 0.00	42.50 0.49 0.00	42.33 0.26 0.00	47.88 0.38 0.00	56.13 0.24 0.00	61.13 -0.14 0.00	54.00 -0.06 0.00	57.36 -0.02 0.00	60.87 0.04 0.00	59.76 0.12 0.00	50.86 0.10 0.00	46.92 -0.02 0.00
GOWANUS_GT1_1 24077	52.91 2.46 0.00	51.19 2.30 0.00	51.03 2.16 0.00	48.95 2.01 0.00	54.75 2.17 0.00	46.57 1.97 0.00	51.97 2.06 0.00	69.10 2.80 0.00	70.20 2.72 0.00	51.66 2.33 0.00	45.10 2.20 0.00	44.33 2.28 0.00	39.14 1.97 0.00	44.20 2.20 0.00	44.38 2.31 0.00	49.78 2.28 0.00	58.22 2.33 0.00	63.40 2.14 0.00	56.08 2.02 0.00	59.37 2.01 0.00	62.98 2.14 0.00	61.98 2.33 0.00	52.78 2.02 0.00	48.41 1.46 0.00
GOWANUS_GT1_2 24078	52.91 2.46 0.00	51.19 2.30 0.00	51.03 2.16 0.00	48.95 2.01 0.00	54.75 2.17 0.00	46.57 1.97 0.00	51.97 2.06 0.00	69.10 2.80 0.00	70.20 2.72 0.00	51.66 2.33 0.00	45.10 2.20 0.00	44.33 2.28 0.00	39.14 1.97 0.00	44.20 2.20 0.00	44.38 2.31 0.00	49.78 2.28 0.00	58.22 2.33 0.00	63.40 2.14 0.00	56.08 2.02 0.00	59.37 2.01 0.00	62.98 2.14 0.00	61.98 2.33 0.00	52.78 2.02 0.00	48.41 1.46 0.00
GOWANUS_GT1_3 24079	52.91 2.46 0.00	51.19 2.30 0.00	51.03 2.16 0.00	48.95 2.01 0.00	54.75 2.17 0.00	46.57 1.97 0.00	51.97 2.06 0.00	69.10 2.80 0.00	70.20 2.72 0.00	51.66 2.33 0.00	45.10 2.20 0.00	44.33 2.28 0.00	39.14 1.97 0.00	44.20 2.20 0.00	44.38 2.31 0.00	49.78 2.28 0.00	58.22 2.33 0.00	63.40 2.14 0.00	56.08 2.02 0.00	59.37 2.01 0.00	62.98 2.14 0.00	61.98 2.33 0.00	52.78 2.02 0.00	48.41 1.46 0.00
GOWANUS_GT1_4 24080	52.91 2.46 0.00	51.19 2.30 0.00	51.03 2.16 0.00	48.95 2.01 0.00	54.75 2.17 0.00	46.57 1.97 0.00	51.97 2.06 0.00	69.10 2.80 0.00	70.20 2.72 0.00	51.66 2.33 0.00	45.10 2.20 0.00	44.33 2.28 0.00	39.14 1.97 0.00	44.20 2.20 0.00	44.38 2.31 0.00	49.78 2.28 0.00	58.22 2.33 0.00	63.40 2.14 0.00	56.08 2.02 0.00	59.37 2.01 0.00	62.98 2.14 0.00	61.98 2.33 0.00	52.78 2.02 0.00	48.41 1.46 0.00
GOWANUS_GT1_5 24084	52.91 2.46 0.00	51.19 2.30 0.00	51.03 2.16 0.00	48.95 2.01 0.00	54.75 2.17 0.00	46.57 1.97 0.00	51.97 2.06 0.00	69.10 2.80 0.00	70.20 2.72 0.00	51.66 2.33 0.00	45.10 2.20 0.00	44.33 2.28 0.00	39.14 1.97 0.00	44.20 2.20 0.00	44.38 2.31 0.00	49.78 2.28 0.00	58.22 2.33 0.00	63.40 2.14 0.00	56.08 2.02 0.00	59.37 2.01 0.00	62.98 2.14 0.00	61.98 2.33 0.00	52.78 2.02 0.00	48.41 1.46 0.00
GOWANUS_GT1_6 24111	52.91 2.46 0.00	51.19 2.30 0.00	51.03 2.16 0.00	48.95 2.01 0.00	54.75 2.17 0.00	46.57 1.97 0.00	51.97 2.06 0.00	69.10 2.80 0.00	70.20 2.72 0.00	51.66 2.33														

GOWANUS_GT2_6 24119	52.85 2.41 0.00	51.15 2.26 0.00	50.97 2.10 0.00	48.85 1.92 0.00	54.68 2.10 0.00	46.51 1.92 0.00	51.95 2.04 0.00	69.08 2.78 0.00	70.20 2.72 0.00	51.64 2.31 0.00	45.11 2.20 0.00	44.33 2.28 0.00	39.14 1.97 0.00	44.20 2.20 0.00	44.38 2.30 0.00	49.78 2.28 0.00	58.22 2.33 0.00	63.40 2.14 0.00	56.08 2.02 0.00	59.37 2.00 0.00	62.97 2.13 0.00	61.97 2.33 0.00	52.77 2.01 0.00	48.40 1.46 0.00
GOWANUS_GT2_7 24120	52.85 2.41 0.00	51.15 2.26 0.00	50.97 2.10 0.00	48.85 1.92 0.00	54.68 2.10 0.00	46.51 1.92 0.00	51.95 2.04 0.00	69.08 2.78 0.00	70.20 2.72 0.00	51.64 2.31 0.00	45.11 2.20 0.00	44.33 2.28 0.00	39.14 1.97 0.00	44.20 2.20 0.00	44.38 2.30 0.00	49.78 2.28 0.00	58.22 2.33 0.00	63.40 2.14 0.00	56.08 2.02 0.00	59.37 2.00 0.00	62.97 2.13 0.00	61.97 2.33 0.00	52.77 2.01 0.00	48.40 1.46 0.00
GOWANUS_GT2_8 24121	52.85 2.41 0.00	51.15 2.26 0.00	50.97 2.10 0.00	48.85 1.92 0.00	54.68 2.10 0.00	46.51 1.92 0.00	51.95 2.04 0.00	69.08 2.78 0.00	70.20 2.72 0.00	51.64 2.31 0.00	45.11 2.20 0.00	44.33 2.28 0.00	39.14 1.97 0.00	44.20 2.20 0.00	44.38 2.30 0.00	49.78 2.28 0.00	58.22 2.33 0.00	63.40 2.14 0.00	56.08 2.02 0.00	59.37 2.00 0.00	62.97 2.13 0.00	61.97 2.33 0.00	52.77 2.01 0.00	48.40 1.46 0.00
GOWANUS_GT3_1 24122	52.89 2.45 0.00	51.19 2.30 0.00	51.00 2.14 0.00	48.89 1.96 0.00	54.73 2.15 0.00	46.55 1.96 0.00	51.96 2.06 0.00	69.08 2.78 0.00	70.20 2.72 0.00	51.64 2.31 0.00	45.11 2.20 0.00	44.33 2.28 0.00	39.14 1.97 0.00	44.20 2.20 0.00	44.38 2.30 0.00	49.78 2.28 0.00	58.22 2.33 0.00	63.40 2.14 0.00	56.08 2.02 0.00	59.37 2.00 0.00	62.97 2.13 0.00	61.97 2.33 0.00	52.77 2.01 0.00	48.40 1.46 0.00
GOWANUS_GT3_2 24123	52.89 2.45 0.00	51.19 2.30 0.00	51.00 2.14 0.00	48.89 1.96 0.00	54.73 2.15 0.00	46.55 1.96 0.00	51.96 2.06 0.00	69.08 2.78 0.00	70.20 2.72 0.00	51.64 2.31 0.00	45.11 2.20 0.00	44.33 2.28 0.00	39.14 1.97 0.00	44.20 2.20 0.00	44.38 2.30 0.00	49.78 2.28 0.00	58.22 2.33 0.00	63.40 2.14 0.00	56.08 2.02 0.00	59.37 2.00 0.00	62.97 2.13 0.00	61.97 2.33 0.00	52.77 2.01 0.00	48.40 1.46 0.00
GOWANUS_GT3_3 24124	52.89 2.45 0.00	51.19 2.30 0.00	51.00 2.14 0.00	48.89 1.96 0.00	54.73 2.15 0.00	46.55 1.96 0.00	51.96 2.06 0.00	69.08 2.78 0.00	70.20 2.72 0.00	51.64 2.31 0.00	45.11 2.20 0.00	44.33 2.28 0.00	39.14 1.97 0.00	44.20 2.20 0.00	44.38 2.30 0.00	49.78 2.28 0.00	58.22 2.33 0.00	63.40 2.14 0.00	56.08 2.02 0.00	59.37 2.00 0.00	62.97 2.13 0.00	61.97 2.33 0.00	52.77 2.01 0.00	48.40 1.46 0.00
GOWANUS_GT3_4 24125	52.89 2.45 0.00	51.19 2.30 0.00	51.00 2.14 0.00	48.89 1.96 0.00	54.73 2.15 0.00	46.55 1.96 0.00	51.96 2.06 0.00	69.08 2.78 0.00	70.20 2.72 0.00	51.64 2.31 0.00	45.11 2.20 0.00	44.33 2.28 0.00	39.14 1.97 0.00	44.20 2.20 0.00	44.38 2.30 0.00	49.78 2.28 0.00	58.22 2.33 0.00	63.40 2.14 0.00	56.08 2.02 0.00	59.37 2.00 0.00	62.97 2.13 0.00	61.97 2.33 0.00	52.77 2.01 0.00	48.40 1.46 0.00
GOWANUS_GT3_5 24126	52.89 2.45 0.00	51.19 2.30 0.00	51.00 2.14 0.00	48.89 1.96 0.00	54.73 2.15 0.00	46.55 1.96 0.00	51.96 2.06 0.00	69.08 2.78 0.00	70.20 2.72 0.00	51.64 2.31 0.00	45.11 2.20 0.00	44.33 2.28 0.00	39.14 1.97 0.00	44.20 2.20 0.00	44.38 2.30 0.00	49.78 2.28 0.00	58.22 2.33 0.00	63.40 2.14 0.00	56.08 2.02 0.00	59.37 2.00 0.00	62.97 2.13 0.00	61.97 2.33 0.00	52.77 2.01 0.00	48.40 1.46 0.00
GOWANUS_GT3_6 24127	52.89 2.45 0.00	51.19 2.30 0.00	51.00 2.14 0.00	48.89 1.96 0.00	54.73 2.15 0.00	46.55 1.96 0.00	51.96 2.06 0.00	69.08 2.78 0.00	70.20 2.72 0.00	51.64 2.31 0.00	45.11 2.20 0.00	44.33 2.28 0.00	39.14 1.97 0.00	44.20 2.20 0.00	44.38 2.30 0.00	49.78 2.28 0.00	58.22 2.33 0.00	63.40 2.14 0.00	56.08 2.02 0.00	59.37 2.00 0.00	62.97 2.13 0.00	61.97 2.33 0.00	52.77 2.01 0.00	48.40 1.46 0.00
GOWANUS_GT3_7 24128	52.89 2.45 0.00	51.19 2.30 0.00	51.00 2.14 0.00	48.89 1.96 0.00	54.73 2.15 0.00	46.55 1.96 0.00	51.96 2.06 0.00	69.08 2.78 0.00	70.20 2.72 0.00	51.64 2.31 0.00	45.11 2.20 0.00	44.33 2.28 0.00	39.14 1.97 0.00	44.20 2.20 0.00	44.38 2.30 0.00	49.78 2.28 0.00	58.22 2.33 0.00	63.40 2.14 0.00	56.08 2.02 0.00	59.37 2.00 0.00	62.97 2.13 0.00	61.97 2.33 0.00	52.77 2.01 0.00	48.40 1.46 0.00
GOWANUS_GT3_8 24129	52.89 2.45 0.00	51.19 2.30 0.00	51.00 2.14 0.00	48.89 1.96 0.00	54.73 2.15 0.00	46.55 1.96 0.00	51.96 2.06 0.00	69.08 2.78 0.00	70.20 2.72 0.00	51.64 2.31 0.00	45.11 2.20 0.00	44.33 2.28 0.00	39.14 1.97 0.00	44.20 2.20 0.00	44.38 2.30 0.00	49.78 2.28 0.00	58.22 2.33 0.00	63.40 2.14 0.00	56.08 2.02 0.00	59.37 2.00 0.00	62.97 2.13 0.00	61.97 2.33 0.00	52.77 2.01 0.00	48.40 1.46 0.00
GOWANUS_GT4_1 24130	52.86 2.41 0.00	51.15 2.26 0.00	50.99 2.12 0.00	48.91 1.98 0.00	54.71 2.13 0.00	46.53 1.94 0.00	51.95 2.04 0.00	69.10 2.80 0.00	70.20 2.72 0.00	51.66 2.33 0.00	45.10 2.20 0.00	44.33 2.28 0.00	39.14 1.97 0.00	44.20 2.20 0.00	44.38 2.31 0.00	49.78 2.28 0.00	58.22 2.33 0.00	63.40 2.14 0.00	56.08 2.02 0.00	59.37 2.01 0.00	62.98 2.14 0.00	61.98 2.33 0.00	52.78 2.02 0.00	48.41 1.46 0.00
GOWANUS_GT4_2 24131	52.86 2.41 0.00	51.15 2.26 0.00	50.99 2.12 0.00	48.91 1.98 0.00	54.71 2.13 0.00	46.53 1.94 0.00	51.95 2.04 0.00	69.10 2.80 0.00	70.20 2.72 0.00	51.66 2.33 0.00	45.10 2.20 0.00	44.33 2.28 0.00	39.14 1.97 0.00	44.20 2.20 0.00	44.38 2.31 0.00	49.78 2.28 0.00	58.22 2.33 0.00	63.40 2.14 0.00	56.08 2.02 0.00	59.37 2.01 0.00	62.98 2.14 0.00	61.98 2.33 0.00	52.78 2.02 0.00	48.41 1.46 0.00
GOWANUS_GT4_3 24132	52.86 2.41 0.00	51.15 2.26 0.00	50.99 2.12 0.00	48.91 1.98 0.00	54.71 2.13 0.00	46.53 1.94 0.00	51.95 2.04 0.00	69.10 2.80 0.00	70.20 2.72 0.00	51.66 2.33 0.00	45.10 2.20 0.00	44.33 2.28 0.00	39.14 1.97 0.00	44.20 2.20 0.00	44.38 2.31 0.00	49.78 2.28 0.00	58.22 2.33 0.00	63.40 2.14 0.00	56.08 2.02 0.00	59.37 2.01 0.00	62.98 2.14 0.00	61.98 2.33 0.00	52.78 2.02 0.00	48.41 1.46 0.00
GOWANUS_GT4_4 24133	52.86 2.41 0.00	51.15 2.26 0.00	50.99 2.12 0.00	48.91 1.98 0.00	54.71 2.13 0.00	46.53 1.94 0.00	51.95 2.04 0.00	69.10 2.80 0.00	70.20 2.72 0.00	51.66 2.33 0.00	45.10 2.20 0.00	44.33 2.28 0.00	39.14 1.97 0.00	44.20 2.20 0.00	44.38 2.31 0.00	49.78 2.28 0.00	58.22 2.33 0.00	63.40 2.14 0.00	56.08 2.02 0.00	59.37 2.01 0.00	62.98 2.14 0.00	61.98 2.33 0.00	52.78 2.02 0.00	48.41 1.46 0.00

GOWANUS_GT4_5 24134	52.86 2.41 0.00	51.15 2.26 0.00	50.99 2.12 0.00	48.91 1.98 0.00	54.71 2.13 0.00	46.53 1.94 0.00	51.95 2.04 0.00	69.10 2.80 0.00	70.20 2.72 0.00	51.66 2.33 0.00	45.10 2.20 0.00	44.33 2.28 0.00	39.14 1.97 0.00	44.20 2.20 0.00	44.38 2.31 0.00	49.78 2.28 0.00	58.22 2.33 0.00	63.40 2.14 0.00	56.08 2.02 0.00	59.37 2.01 0.00	62.98 2.14 0.00	61.98 2.33 0.00	52.78 2.02 0.00	48.41 1.46 0.00
GOWANUS_GT4_6 24135	52.86 2.41 0.00	51.15 2.26 0.00	50.99 2.12 0.00	48.91 1.98 0.00	54.71 2.13 0.00	46.53 1.94 0.00	51.95 2.04 0.00	69.10 2.80 0.00	70.20 2.72 0.00	51.66 2.33 0.00	45.10 2.20 0.00	44.33 2.28 0.00	39.14 1.97 0.00	44.20 2.20 0.00	44.38 2.31 0.00	49.78 2.28 0.00	58.22 2.33 0.00	63.40 2.14 0.00	56.08 2.02 0.00	59.37 2.01 0.00	62.98 2.14 0.00	61.98 2.33 0.00	52.78 2.02 0.00	48.41 1.46 0.00
GOWANUS_GT4_7 24136	52.86 2.41 0.00	51.15 2.26 0.00	50.99 2.12 0.00	48.91 1.98 0.00	54.71 2.13 0.00	46.53 1.94 0.00	51.95 2.04 0.00	69.10 2.80 0.00	70.20 2.72 0.00	51.66 2.33 0.00	45.10 2.20 0.00	44.33 2.28 0.00	39.14 1.97 0.00	44.20 2.20 0.00	44.38 2.31 0.00	49.78 2.28 0.00	58.22 2.33 0.00	63.40 2.14 0.00	56.08 2.02 0.00	59.37 2.01 0.00	62.98 2.14 0.00	61.98 2.33 0.00	52.78 2.02 0.00	48.41 1.46 0.00
GOWANUS_GT4_8 24137	52.86 2.41 0.00	51.15 2.26 0.00	50.99 2.12 0.00	48.91 1.98 0.00	54.71 2.13 0.00	46.53 1.94 0.00	51.95 2.04 0.00	69.10 2.80 0.00	70.20 2.72 0.00	51.66 2.33 0.00	45.10 2.20 0.00	44.33 2.28 0.00	39.14 1.97 0.00	44.20 2.20 0.00	44.38 2.31 0.00	49.78 2.28 0.00	58.22 2.33 0.00	63.40 2.14 0.00	56.08 2.02 0.00	59.37 2.01 0.00	62.98 2.14 0.00	61.98 2.33 0.00	52.78 2.02 0.00	48.41 1.46 0.00
GREATVRV_69_KV_BK1 356245	59.36 1.96 -6.96	54.09 1.94 -3.26	52.75 1.76 -2.13	51.49 1.52 -3.03	59.70 1.50 -5.61	46.05 1.23 -0.23	13.91 1.00 37.00	15.60 1.58 52.28	15.15 1.57 53.90	18.04 1.40 32.70	45.99 1.97 -1.11	44.93 1.92 -0.97	38.91 1.71 -0.03	44.75 1.81 -0.94	44.18 1.99 -0.11	46.80 1.75 2.44	45.99 1.61 11.51	63.13 1.88 0.00	30.21 1.25 25.10	31.88 1.18 26.67	44.71 1.33 17.47	47.23 1.47 13.88	48.11 1.36 4.02	45.13 0.93 2.74
GREENBSH_115KV_TB3 55895	50.28 -0.16 0.00	48.90 0.01 0.00	48.73 -0.13 0.00	46.74 -0.19 0.00	52.29 -0.29 0.00	44.36 -0.23 0.00	49.56 -0.35 0.00	65.95 -0.35 0.00	66.96 -0.52 0.00	48.74 -0.59 0.00	42.26 -0.65 0.00	41.49 -0.56 0.00	36.88 -0.30 0.00	41.62 -0.38 0.00	41.86 -0.21 0.00	47.24 -0.26 0.00	55.79 -0.10 0.00	61.18 -0.09 0.00	53.95 -0.11 0.00	57.18 -0.19 0.00	60.75 -0.09 0.00	59.49 -0.15 0.00	50.55 -0.21 0.00	46.65 -0.30 0.00
GREENDGE_115KV_TB5 80291	50.27 -0.18 0.00	48.67 -0.23 0.00	48.79 -0.07 0.00	47.07 0.13 0.00	52.56 -0.02 0.00	44.84 0.25 0.00	49.91 0.00 0.00	66.10 -0.20 0.00	67.17 -0.31 0.00	49.33 0.00 0.00	43.16 0.25 0.00	42.49 0.44 0.00	37.59 0.41 0.00	42.57 0.57 0.00	42.30 0.23 0.00	48.05 0.55 0.00	55.97 0.08 0.00	60.94 -0.32 0.00	53.90 -0.17 0.00	57.34 -0.04 0.00	60.65 -0.19 0.00	59.49 -0.15 0.00	50.75 -0.01 0.00	47.05 0.11 0.00
GREENIDGE___3 23582	50.27 -0.18 0.00	48.67 -0.23 0.00	48.79 -0.07 0.00	47.07 0.13 0.00	52.56 -0.02 0.00	44.84 0.25 0.00	49.91 0.00 0.00	66.10 -0.20 0.00	67.17 -0.31 0.00	49.33 0.00 0.00	43.16 0.25 0.00	42.49 0.44 0.00	37.59 0.41 0.00	42.57 0.57 0.00	42.30 0.23 0.00	48.05 0.55 0.00	55.97 0.08 0.00	60.94 -0.32 0.00	53.90 -0.17 0.00	57.34 -0.04 0.00	60.65 -0.19 0.00	59.49 -0.15 0.00	50.75 -0.01 0.00	47.05 0.11 0.00
GREENIDGE___4 23583	51.42 -0.16 -1.14	49.64 -0.22 -0.97	49.53 -0.06 -0.72	47.94 0.16 -0.84	53.29 0.00 -0.70	45.16 0.25 -0.32	50.51 0.01 -0.59	67.20 -0.20 -1.10	67.81 -0.30 -0.63	49.55 0.01 -0.21	43.16 0.25 0.00	42.49 0.44 0.00	37.59 0.41 0.00	42.57 0.57 0.00	42.52 0.23 -0.21	48.44 0.55 -0.40	56.12 0.07 -0.16	60.96 -0.31 -0.02	53.90 -0.17 0.00	57.35 -0.04 -0.01	61.05 -0.18 -0.39	60.09 -0.15 -0.59	51.46 -0.01 -0.71	47.32 0.11 -0.26
GREENLWN_69_KV_BK 3 55738	51.66 1.21 0.00	50.23 1.34 0.00	50.04 1.17 0.00	47.91 0.98 0.00	51.25 0.90 2.24	41.20 0.66 4.06	12.87 0.28 37.31	13.66 0.54 53.17	13.73 0.52 54.26	16.85 0.72 33.19	44.38 1.47 0.00	43.57 1.52 0.00	38.45 1.28 0.00	43.45 1.45 0.00	43.51 1.44 0.00	45.97 0.97 2.49	44.79 0.65 11.75	61.80 0.54 0.00	28.75 0.30 25.61	30.32 0.16 27.21	43.27 0.25 17.82	45.91 0.43 14.16	47.07 0.41 4.10	44.29 0.14 2.80
GREENWD_138_KV_38B11_REV_LBMP_J 345004	52.91 2.46 0.00	51.19 2.30 0.00	51.03 2.16 0.00	48.95 2.01 0.00	54.75 2.17 0.00	46.57 1.97 0.00	51.97 2.06 0.00	69.10 2.80 0.00	70.20 2.72 0.00	51.66 2.33 0.00	45.10 2.20 0.00	44.33 2.28 0.00	39.14 1.97 0.00	44.20 2.20 0.00	44.38 2.31 0.00	49.78 2.28 0.00	58.22 2.33 0.00	63.40 2.14 0.00	56.08 2.02 0.00	59.37 2.01 0.00	62.98 2.14 0.00	61.98 2.33 0.00	52.78 2.02 0.00	48.41 1.46 0.00
GRISSOM___SOLAR 323813	52.11 1.67 0.00	50.52 1.63 0.00	50.45 1.58 0.00	48.41 1.48 0.00	54.24 1.66 0.00	45.99 1.40 0.00	51.55 1.65 0.00	68.64 2.34 0.00	69.25 1.77 0.00	49.24 -0.09 0.00	42.57 -0.33 0.00	42.00 -0.05 0.00	37.51 0.34 0.00	42.34 0.34 0.00	42.57 0.49 0.00	47.58 0.08 0.00	56.17 0.28 0.00	63.02 1.76 0.00	56.03 1.97 0.00	59.43 2.06 0.00	63.06 2.22 0.00	61.81 2.17 0.00	52.51 1.75 0.00	48.43 1.49 0.00
GROVEVILLE___HYD 323602	52.75 2.30 0.00	51.13 2.24 0.00	51.01 2.14 0.00	48.92 1.99 0.00	54.74 2.16 0.00	46.46 1.86 0.00	51.78 1.87 0.00	68.96 2.65 0.00	70.13 2.65 0.00	51.45 2.13 0.00	44.83 1.93 0.00	44.01 1.95 0.00	38.94 1.77 0.00	44.08 2.08 0.00	44.28 2.20 0.00	49.80 2.30 0.00	58.36 2.47 0.00	63.64 2.38 0.00	56.24 2.18 0.00	59.53 2.16 0.00	63.18 2.34 0.00	62.11 2.47 0.00	52.81 2.05 0.00	48.53 1.58 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	49.85 -0.59 0.00	48.25 -0.64 0.00	48.27 -0.60 0.00	46.38 -0.56 0.00	51.97 -0.62 0.00	44.15 -0.45 0.00	49.42 -0.49 0.00	65.62 -0.68 0.00	66.80 -0.68 0.00	48.80 -0.53 0.00	42.53 -0.38 0.00	41.76 -0.29 0.00	36.92 -0.26 0.00	41.68 -0.33 0.00	41.63 -0.44 0.00	47.05 -0.45 0.00	55.35 -0.54 0.00	60.66 -0.60 0.00	53.56 -0.50 0.00	56.82 -0.55 0.00	60.22 -0.62 0.00	58.99 -0.65 0.00	50.17 -0.59 0.00	46.33 -0.61 0.00
HAMLTNNY_34_KV_TB 80303	50.02 -0.43 0.00	48.35 -0.54 0.00	48.42 -0.45 0.00	46.53 -0.40 0.00	52.15 -0.43 0.00	44.29 -0.30 0.00	49.60 -0.31 0.00	65.80 -0.50 0.00	67.02 -0.46 0.00	48.97 -0.36 0.00	42.69 -0.22 0.00	41.93 -0.12 0.00	37.06 -0.11 0.00	41.83 -0.18 0.00	41.68 -0.39 0.00	47.19 -0.30 0.00	55.54 -0.35 0.00	60.82 -0.45 0.00	53.69 -0.37 0.00	56.97 -0.40 0.00	60.36 -0.48 0.00	59.15 -0.49 0.00	50.31 -0.45 0.00	46.46 -0.48 0.00

HAMPSHIRE___PAPER_HYD 323593	52.45 2.01 0.00	50.67 1.77 0.00	50.72 1.86 0.00	48.73 1.80 0.00	54.60 2.01 0.00	46.33 1.74 0.00	52.00 2.09 0.00	68.91 2.61 0.00	70.19 2.71 0.00	51.01 1.68 0.00	43.98 1.08 0.00	42.61 0.56 0.00	37.78 0.61 0.00	42.73 0.72 0.00	42.76 0.69 0.00	48.40 0.90 0.00	57.29 1.41 0.00	63.63 2.37 0.00	56.46 2.40 0.00	59.95 2.58 0.00	63.51 2.67 0.00	62.48 2.83 0.00	53.10 2.33 0.00	49.16 2.22 0.00
HARDSCRABBLE_WT_PWR 323673	52.26 1.81 0.00	50.83 1.94 0.00	50.72 1.85 0.00	48.66 1.73 0.00	54.50 1.92 0.00	46.28 1.69 0.00	51.65 1.74 0.00	68.81 2.51 0.00	69.29 1.81 0.00	49.39 0.06 0.00	43.09 0.18 0.00	42.38 0.33 0.00	37.57 0.40 0.00	42.39 0.38 0.00	42.84 0.76 0.00	48.00 0.50 0.00	57.15 1.26 0.00	63.22 1.96 0.00	56.27 2.21 0.00	59.75 2.37 0.00	63.35 2.52 0.00	62.18 2.54 0.00	52.78 2.02 0.00	48.61 1.67 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	52.66 2.22 0.00	51.02 2.12 0.00	50.88 2.01 0.00	48.81 1.88 0.00	54.62 2.04 0.00	46.38 1.79 0.00	51.68 1.78 0.00	68.80 2.50 0.00	70.00 2.52 0.00	51.37 2.03 0.00	44.80 1.89 0.00	44.04 1.99 0.00	38.97 1.79 0.00	44.09 2.09 0.00	44.21 2.14 0.00	49.69 2.19 0.00	58.20 2.32 0.00	63.42 2.16 0.00	56.05 1.99 0.00	59.35 1.98 0.00	62.96 2.12 0.00	61.94 2.30 0.00	52.67 1.91 0.00	48.38 1.43 0.00
HARSNRAD_115KV_TB1 81005	49.67 -0.78 0.00	47.32 -1.57 0.00	47.77 -1.10 0.00	46.03 -0.91 0.00	51.86 -0.72 0.00	44.01 -0.59 0.00	49.26 -0.65 0.00	64.51 -1.80 0.00	66.28 -1.20 0.00	49.39 0.06 0.00	43.73 0.82 0.00	43.07 1.02 0.00	37.81 0.63 0.00	42.62 0.61 0.00	42.18 0.11 0.00	47.78 0.29 0.00	55.05 -0.84 0.00	59.19 -2.07 0.00	52.35 -1.72 0.00	55.86 -1.51 0.00	58.92 -1.92 0.00	58.18 -1.46 0.00	49.78 -0.98 0.00	46.36 -0.58 0.00
HARZA MOOSE___RIVER 24016	51.98 1.54 0.00	50.36 1.47 0.00	50.39 1.52 0.00	48.44 1.50 0.00	54.25 1.67 0.00	46.04 1.45 0.00	51.66 1.75 0.00	68.68 2.38 0.00	69.85 2.37 0.00	50.79 1.46 0.00	43.86 0.95 0.00	42.64 0.59 0.00	37.65 0.48 0.00	42.73 0.73 0.00	42.69 0.61 0.00	48.36 0.86 0.00	57.22 1.33 0.00	63.43 2.17 0.00	56.19 2.13 0.00	59.60 2.23 0.00	63.20 2.37 0.00	61.96 2.32 0.00	52.61 1.85 0.00	48.56 1.62 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	49.52 -0.92 0.00	47.95 -0.94 0.00	47.95 -0.93 0.00	46.07 -0.86 0.00	51.63 -0.96 0.00	43.83 -0.76 0.00	49.06 -0.84 0.00	65.13 -1.17 0.00	66.33 -1.15 0.00	48.50 -0.83 0.00	42.27 -0.64 0.00	41.52 -0.53 0.00	36.69 -0.48 0.00	41.44 -0.57 0.00	41.43 -0.64 0.00	46.80 -0.70 0.00	55.00 -0.88 0.00	60.26 -1.00 0.00	53.18 -0.88 0.00	56.45 -0.92 0.00	59.81 -1.03 0.00	58.62 -1.03 0.00	49.87 -0.89 0.00	46.04 -0.90 0.00
HELLGATE_13_KV_LD 55870	53.05 2.60 0.00	51.34 2.44 0.00	51.18 2.32 0.00	49.11 2.18 0.00	54.92 2.34 0.00	46.73 2.13 0.00	52.12 2.21 0.00	69.34 3.04 0.00	70.54 3.06 0.00	51.96 2.63 0.00	45.41 2.50 0.00	44.61 2.57 0.00	39.40 2.23 0.00	44.50 2.50 0.00	44.67 2.59 0.00	50.08 2.58 0.00	58.56 2.67 0.00	63.74 2.48 0.00	56.36 2.30 0.00	59.66 2.29 0.00	63.25 2.42 0.00	62.23 2.58 0.00	52.96 2.20 0.00	48.60 1.66 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	53.05 2.60 0.00	51.34 2.44 0.00	51.18 2.32 0.00	49.11 2.18 0.00	54.92 2.34 0.00	46.73 2.13 0.00	52.12 2.21 0.00	69.34 3.04 0.00	70.54 3.06 0.00	51.96 2.63 0.00	45.41 2.50 0.00	44.61 2.57 0.00	39.40 2.23 0.00	44.50 2.50 0.00	44.67 2.59 0.00	50.08 2.58 0.00	58.56 2.67 0.00	63.74 2.48 0.00	56.36 2.30 0.00	59.66 2.29 0.00	63.25 2.42 0.00	62.23 2.58 0.00	52.96 2.20 0.00	48.60 1.66 0.00
HEMPSTEAD___ 23647	52.25 1.81 0.00	50.69 1.80 0.00	50.43 1.56 0.00	48.29 1.36 0.00	52.93 1.40 1.05	43.80 1.15 1.95	31.04 0.92 19.79	41.63 1.39 26.07	39.72 1.38 29.15	33.31 1.31 17.33	44.66 1.75 0.00	43.82 1.77 0.00	38.70 1.53 0.00	43.74 1.74 0.00	43.85 1.78 0.00	47.93 1.61 1.17	51.86 1.50 5.53	62.68 1.42 0.00	43.15 1.15 12.06	45.62 1.06 12.81	53.61 1.16 8.39	54.33 1.36 6.67	50.00 1.17 1.93	46.44 0.82 1.32
HICKLING___1 23621	50.52 0.07 0.00	48.78 -0.12 0.00	49.03 0.16 0.00	47.15 0.22 0.00	52.93 0.35 0.00	44.85 0.26 0.00	50.12 0.21 0.00	66.51 0.21 0.00	67.63 0.15 0.00	49.54 0.22 0.00	43.37 0.47 0.00	42.73 0.68 0.00	37.67 0.49 0.00	42.73 0.72 0.00	42.37 0.30 0.00	48.09 0.60 0.00	56.23 0.34 0.00	60.92 -0.35 0.00	53.86 -0.21 0.00	57.33 -0.04 0.00	60.79 -0.05 0.00	59.70 0.06 0.00	50.85 0.10 0.00	46.95 0.01 0.00
HICKLING___2 23622	50.52 0.07 0.00	48.78 -0.12 0.00	49.03 0.16 0.00	47.15 0.22 0.00	52.93 0.35 0.00	44.85 0.26 0.00	50.12 0.21 0.00	66.51 0.21 0.00	67.63 0.15 0.00	49.54 0.22 0.00	43.37 0.47 0.00	42.73 0.68 0.00	37.67 0.49 0.00	42.73 0.72 0.00	42.37 0.30 0.00	48.09 0.60 0.00	56.23 0.34 0.00	60.92 -0.35 0.00	53.86 -0.21 0.00	57.33 -0.04 0.00	60.79 -0.05 0.00	59.70 0.06 0.00	50.85 0.10 0.00	46.95 0.01 0.00
HIGH FALLS___HY 23754	52.99 2.55 0.00	51.37 2.48 0.00	51.26 2.39 0.00	49.18 2.25 0.00	54.96 2.38 0.00	46.60 2.01 0.00	52.05 2.14 0.00	69.36 3.06 0.00	70.55 3.07 0.00	51.74 2.41 0.00	45.01 2.10 0.00	44.02 1.96 0.00	38.89 1.71 0.00	43.87 1.87 0.00	44.03 1.96 0.00	49.54 2.04 0.00	58.24 2.35 0.00	63.48 2.21 0.00	56.14 2.08 0.00	59.45 2.08 0.00	63.13 2.29 0.00	62.47 2.82 0.00	53.09 2.33 0.00	48.73 1.79 0.00
HIGH_RIVER___SOLAR 323847	51.89 1.45 0.00	50.33 1.44 0.00	50.29 1.42 0.00	48.29 1.36 0.00	54.10 1.52 0.00	45.88 1.29 0.00	51.36 1.45 0.00	68.29 1.99 0.00	68.78 1.30 0.00	49.49 0.16 0.00	42.83 -0.08 0.00	42.04 -0.01 0.00	37.32 0.15 0.00	42.27 0.26 0.00	42.32 0.24 0.00	47.87 0.37 0.00	56.36 0.47 0.00	62.65 1.39 0.00	55.76 1.70 0.00	59.16 1.79 0.00	62.79 1.96 0.00	61.54 1.90 0.00	52.29 1.53 0.00	48.26 1.32 0.00
HILLBURN___GT 23639	52.56 2.12 0.00	50.91 2.01 0.00	50.74 1.87 0.00	48.65 1.72 0.00	54.44 1.86 0.00	46.26 1.67 0.00	51.55 1.64 0.00	68.62 2.32 0.00	69.78 2.30 0.00	51.25 1.92 0.00	44.76 1.85 0.00	44.03 1.98 0.00	38.93 1.76 0.00	43.98 1.97 0.00	44.10 2.03 0.00	49.54 2.04 0.00	57.96 2.08 0.00	63.13 1.87 0.00	55.79 1.73 0.00	59.08 1.71 0.00	62.67 1.84 0.00	61.68 2.04 0.00	52.45 1.69 0.00	48.17 1.23 0.00
HILLSIDE_115KV_TB1 80332	49.79 -0.65 0.00	48.13 -0.76 0.00	48.40 -0.47 0.00	46.53 -0.39 0.00	52.23 -0.35 0.00	44.26 -0.34 0.00	49.42 -0.48 0.00	65.63 -0.67 0.00	66.75 -0.73 0.00	48.96 -0.37 0.00	42.85 -0.06 0.00	42.22 0.17 0.00	37.24 0.07 0.00	42.20 0.20 0.00	41.76 -0.31 0.00	47.35 -0.15 0.00	55.36 -0.53 0.00	59.99 -1.27 0.00	53.04 -1.02 0.00	56.46 -0.91 0.00	59.89 -0.95 0.00	58.82 -0.82 0.00	50.11 -0.65 0.00	46.26 -0.69 0.00

HISHELDN_WT_PWR 323625	48.96 -0.30 1.19	46.93 -0.95 1.02	47.62 -0.50 0.75	45.70 -0.35 0.88	51.69 -0.16 0.74	44.03 -0.24 0.33	49.01 -0.28 0.62	64.10 -1.06 1.15	65.95 -0.90 0.63	48.95 -0.17 0.21	43.30 0.39 0.00	42.80 0.75 0.00	37.50 0.33 0.00	42.56 0.56 0.00	41.97 0.12 0.22	47.53 0.45 0.41	55.34 -0.38 0.17	59.85 -1.39 0.02	52.93 -1.13 0.00	56.47 -0.89 0.01	59.33 -1.10 0.41	58.30 -0.73 0.62	49.63 -0.39 0.74	46.42 -0.25 0.28
HOLTSVILLE_IC_1 23690	51.45 1.01 0.00	50.08 1.18 0.00	49.84 0.97 0.00	47.67 0.74 0.00	50.90 0.64 2.32	40.88 0.50 4.21	11.32 0.19 38.77	11.52 0.47 55.24	11.55 0.46 56.40	15.42 0.58 34.49	44.24 1.33 0.00	43.38 1.33 0.00	38.30 1.13 0.00	43.27 1.26 0.00	43.40 1.33 0.00	45.85 0.95 2.59	44.39 0.71 12.21	62.03 0.77 0.00	27.79 0.35 26.62	29.35 0.27 28.28	42.67 0.36 18.52	45.50 0.58 14.72	46.95 0.45 4.26	44.10 0.06 2.90
HOLTSVILLE_IC_10 23699	68.18 1.20 -16.53	57.98 1.35 -7.74	55.06 1.13 -5.06	55.03 0.90 -7.20	69.64 0.82 -16.24	51.09 0.66 -5.83	12.05 0.39 38.25	12.54 0.74 54.50	12.59 0.74 55.63	16.47 0.77 33.63	47.02 1.47 -2.63	45.80 1.45 -2.29	38.48 1.24 -0.07	45.60 1.38 -2.22	43.79 1.45 -0.27	46.06 1.12 2.56	44.79 0.95 12.04	62.34 1.08 0.00	28.40 0.60 26.26	30.00 0.52 27.90	43.21 0.64 18.27	45.97 0.85 14.52	47.22 0.67 4.20	44.30 0.22 2.87
HOLTSVILLE_IC_2 23691	51.45 1.01 0.00	50.08 1.18 0.00	49.84 0.97 0.00	47.67 0.74 0.00	50.90 0.64 2.32	40.88 0.50 4.21	11.32 0.19 38.77	11.52 0.47 55.24	11.55 0.46 56.40	15.42 0.58 34.49	44.24 1.33 0.00	43.38 1.33 0.00	38.30 1.13 0.00	43.27 1.26 0.00	43.40 1.33 0.00	45.85 0.95 2.59	44.39 0.71 12.21	62.03 0.77 0.00	27.79 0.35 26.62	29.35 0.27 28.28	42.67 0.36 18.52	45.50 0.58 14.72	46.95 0.45 4.26	44.10 0.06 2.90
HOLTSVILLE_IC_3 23692	51.45 1.01 0.00	50.08 1.18 0.00	49.84 0.97 0.00	47.67 0.74 0.00	50.90 0.64 2.32	40.88 0.50 4.21	11.32 0.19 38.77	11.52 0.47 55.24	11.55 0.46 56.40	15.42 0.58 34.49	44.24 1.33 0.00	43.38 1.33 0.00	38.30 1.13 0.00	43.27 1.26 0.00	43.40 1.33 0.00	45.85 0.95 2.59	44.39 0.71 12.21	62.03 0.77 0.00	27.79 0.35 26.62	29.35 0.27 28.28	42.67 0.36 18.52	45.50 0.58 14.72	46.95 0.45 4.26	44.10 0.06 2.90
HOLTSVILLE_IC_4 23693	51.45 1.01 0.00	50.08 1.18 0.00	49.84 0.97 0.00	47.67 0.74 0.00	50.90 0.64 2.32	40.88 0.50 4.21	11.32 0.19 38.77	11.52 0.47 55.24	11.55 0.46 56.40	15.42 0.58 34.49	44.24 1.33 0.00	43.38 1.33 0.00	38.30 1.13 0.00	43.27 1.26 0.00	43.40 1.33 0.00	45.85 0.95 2.59	44.39 0.71 12.21	62.03 0.77 0.00	27.79 0.35 26.62	29.35 0.27 28.28	42.67 0.36 18.52	45.50 0.58 14.72	46.95 0.45 4.26	44.10 0.06 2.90
HOLTSVILLE_IC_5 23694	51.45 1.01 0.00	50.08 1.18 0.00	49.84 0.97 0.00	47.67 0.74 0.00	50.90 0.64 2.32	40.88 0.50 4.21	11.32 0.19 38.77	11.52 0.47 55.24	11.55 0.46 56.40	15.42 0.58 34.49	44.24 1.33 0.00	43.38 1.33 0.00	38.30 1.13 0.00	43.27 1.26 0.00	43.40 1.33 0.00	45.85 0.95 2.59	44.39 0.71 12.21	62.03 0.77 0.00	27.79 0.35 26.62	29.35 0.27 28.28	42.67 0.36 18.52	45.50 0.58 14.72	46.95 0.45 4.26	44.10 0.06 2.90
HOLTSVILLE_IC_6 23695	68.18 1.20 -16.53	57.98 1.35 -7.74	55.06 1.13 -5.06	55.03 0.90 -7.20	69.64 0.82 -16.24	51.09 0.66 -5.83	12.05 0.39 38.25	12.54 0.74 54.50	12.59 0.74 55.63	16.47 0.77 33.63	47.02 1.47 -2.63	45.80 1.45 -2.29	38.48 1.24 -0.07	45.60 1.38 -2.22	43.79 1.45 -0.27	46.06 1.12 2.56	44.79 0.95 12.04	62.34 1.08 0.00	28.40 0.60 26.26	30.00 0.52 27.90	43.21 0.64 18.27	45.97 0.85 14.52	47.22 0.67 4.20	44.30 0.22 2.87
HOLTSVILLE_IC_7 23696	68.18 1.20 -16.53	57.98 1.35 -7.74	55.06 1.13 -5.06	55.03 0.90 -7.20	69.64 0.82 -16.24	51.09 0.66 -5.83	12.05 0.39 38.25	12.54 0.74 54.50	12.59 0.74 55.63	16.47 0.77 33.63	47.02 1.47 -2.63	45.80 1.45 -2.29	38.48 1.24 -0.07	45.60 1.38 -2.22	43.79 1.45 -0.27	46.06 1.12 2.56	44.79 0.95 12.04	62.34 1.08 0.00	28.40 0.60 26.26	30.00 0.52 27.90	43.21 0.64 18.27	45.97 0.85 14.52	47.22 0.67 4.20	44.30 0.22 2.87
HOLTSVILLE_IC_8 23697	68.18 1.20 -16.53	57.98 1.35 -7.74	55.06 1.13 -5.06	55.03 0.90 -7.20	69.64 0.82 -16.24	51.09 0.66 -5.83	12.05 0.39 38.25	12.54 0.74 54.50	12.59 0.74 55.63	16.47 0.77 33.63	47.02 1.47 -2.63	45.80 1.45 -2.29	38.48 1.24 -0.07	45.60 1.38 -2.22	43.79 1.45 -0.27	46.06 1.12 2.56	44.79 0.95 12.04	62.34 1.08 0.00	28.40 0.60 26.26	30.00 0.52 27.90	43.21 0.64 18.27	45.97 0.85 14.52	47.22 0.67 4.20	44.30 0.22 2.87
HOLTSVILLE_IC_9 23698	68.18 1.20 -16.53	57.98 1.35 -7.74	55.06 1.13 -5.06	55.03 0.90 -7.20	69.64 0.82 -16.24	51.09 0.66 -5.83	12.05 0.39 38.25	12.54 0.74 54.50	12.59 0.74 55.63	16.47 0.77 33.63	47.02 1.47 -2.63	45.80 1.45 -2.29	38.48 1.24 -0.07	45.60 1.38 -2.22	43.79 1.45 -0.27	46.06 1.12 2.56	44.79 0.95 12.04	62.34 1.08 0.00	28.40 0.60 26.26	30.00 0.52 27.90	43.21 0.64 18.27	45.97 0.85 14.52	47.22 0.67 4.20	44.30 0.22 2.87
HOMER_HL_115KV_TB2 355744	50.77 0.33 0.00	48.57 -0.33 0.00	49.02 0.15 0.00	47.22 0.29 0.00	53.19 0.61 0.00	44.85 0.26 0.00	50.14 0.23 0.00	66.06 -0.24 0.00	67.44 -0.04 0.00	50.03 0.70 0.00	44.17 1.26 0.00	43.41 1.37 0.00	38.29 1.12 0.00	43.17 1.17 0.00	42.59 0.52 0.00	48.27 0.77 0.00	55.83 -0.06 0.00	60.17 -1.09 0.00	53.19 -0.87 0.00	56.84 -0.53 0.00	60.39 -0.45 0.00	59.51 -0.13 0.00	50.75 -0.01 0.00	46.76 -0.18 0.00
HOWARD_WT_PWR 323690	50.99 0.55 0.00	49.00 0.11 0.00	49.26 0.39 0.00	47.45 0.52 0.00	53.29 0.70 0.00	45.10 0.51 0.00	50.36 0.45 0.00	66.85 0.55 0.00	68.76 1.28 0.00	50.16 0.83 0.00	44.25 1.34 0.00	43.04 0.99 0.00	38.52 1.35 0.00	43.05 1.04 0.00	42.73 0.66 0.00	48.72 1.22 0.00	56.77 0.88 0.00	61.47 0.21 0.00	54.26 0.20 0.00	57.98 0.61 0.00	61.31 0.48 0.00	60.29 0.65 0.00	51.31 0.55 0.00	47.46 0.52 0.00
HQ_GEN_CEDARS 23644	52.12 1.68 0.00	50.32 1.43 0.00	50.33 1.46 0.00	48.37 1.44 0.00	54.25 1.67 0.00	46.00 1.40 0.00	51.57 1.67 0.00	68.50 2.20 0.00	69.85 2.37 0.00	51.13 1.80 0.00	44.38 1.48 0.00	43.28 1.23 0.00	38.20 1.03 0.00	43.14 1.14 0.00	43.14 1.07 0.00	48.73 1.24 0.00	57.52 1.63 0.00	63.23 1.97 0.00	55.81 1.75 0.00	59.30 1.93 0.00	62.78 1.94 0.00	61.51 1.87 0.00	52.40 1.64 0.00	48.73 1.79 0.00
HQ_GEN_CEDARS_PROXY 323590	52.12 1.68 0.00	50.32 1.43 0.00	50.33 1.46 0.00	48.37 1.44 0.00	54.25 1.67 0.00	44.65 1.40 1.35	51.59 1.67 -0.02	68.50 2.20 0.00	69.85 2.37 0.00	51.12 1.80 0.00	44.38 1.48 0.00	43.27 1.23 0.00	38.20 1.03 0.00	43.14 1.14 0.00	43.14 1.07 0.00	48.69 1.24 0.04	57.52 1.63 0.00	63.23 1.97 0.00	55.81 1.75 0.00	59.30 1.93 0.00	62.77 1.94 0.00	61.51 1.87 0.00	52.40 1.64 0.00	48.73 1.79 0.00

HQ_GEN_IMPORT 323601	50.96 0.52 0.00	49.31 0.42 0.00	49.31 0.44 0.00	47.35 0.42 0.00	53.09 0.51 0.00	45.27 0.42 -0.25	51.13 0.56 -0.66	67.04 0.74 0.00	68.32 0.83 0.00	50.00 0.67 0.00	43.46 0.55 0.00	42.49 0.44 0.00	37.53 0.35 0.00	42.40 0.40 0.00	42.43 0.36 0.00	47.93 0.44 0.00	56.09 0.54 0.34	61.91 0.65 0.00	55.62 0.58 -0.98	58.02 0.65 0.00	61.46 0.62 0.00	60.25 0.61 0.00	51.30 0.55 0.00	47.59 0.65 0.00
HQ_GEN_WHEEL 23651	50.96 0.52 0.00	49.31 0.42 0.00	49.31 0.44 0.00	47.35 0.42 0.00	53.09 0.51 0.00	45.27 0.42 -0.25	51.13 0.56 -0.66	67.04 0.74 0.00	68.32 0.83 0.00	50.00 0.67 0.00	43.46 0.55 0.00	42.49 0.44 0.00	37.53 0.35 0.00	42.40 0.40 0.00	42.43 0.36 0.00	47.93 0.44 0.00	56.09 0.54 0.34	61.91 0.65 0.00	55.62 0.58 -0.98	58.02 0.65 0.00	61.46 0.62 0.00	60.25 0.61 0.00	51.30 0.55 0.00	47.59 0.65 0.00
HUDSON AVE_GT_3 23810	52.87 2.42 0.00	51.18 2.29 0.00	50.98 2.12 0.00	48.90 1.96 0.00	54.72 2.14 0.00	46.50 1.90 0.00	51.82 1.92 0.00	68.97 2.66 0.00	70.16 2.68 0.00	51.62 2.29 0.00	45.12 2.22 0.00	44.33 2.28 0.00	39.13 1.96 0.00	44.22 2.22 0.00	44.37 2.30 0.00	49.81 2.32 0.00	58.25 2.36 0.00	63.43 2.16 0.00	56.07 2.01 0.00	59.37 2.00 0.00	62.95 2.11 0.00	61.94 2.30 0.00	52.67 1.91 0.00	48.37 1.43 0.00
HUDSON AVE_GT_4 23540	52.87 2.42 0.00	51.18 2.29 0.00	50.98 2.12 0.00	48.90 1.96 0.00	54.72 2.14 0.00	46.50 1.90 0.00	51.82 1.92 0.00	68.97 2.66 0.00	70.16 2.68 0.00	51.62 2.29 0.00	45.12 2.22 0.00	44.33 2.28 0.00	39.13 1.96 0.00	44.22 2.22 0.00	44.37 2.30 0.00	49.81 2.32 0.00	58.25 2.36 0.00	63.43 2.16 0.00	56.07 2.01 0.00	59.37 2.00 0.00	62.95 2.11 0.00	61.94 2.30 0.00	52.67 1.91 0.00	48.37 1.43 0.00
HUDSON AVE_GT_5 23657	52.87 2.42 0.00	51.18 2.29 0.00	50.98 2.12 0.00	48.90 1.96 0.00	54.72 2.14 0.00	46.50 1.90 0.00	51.82 1.92 0.00	68.97 2.66 0.00	70.16 2.68 0.00	51.62 2.29 0.00	45.12 2.22 0.00	44.33 2.28 0.00	39.13 1.96 0.00	44.22 2.22 0.00	44.37 2.30 0.00	49.81 2.32 0.00	58.25 2.36 0.00	63.43 2.16 0.00	56.07 2.01 0.00	59.37 2.00 0.00	62.95 2.11 0.00	61.94 2.30 0.00	52.67 1.91 0.00	48.37 1.43 0.00
HUDSON_AVE_10 24168	52.57 2.13 0.00	49.90 2.02 1.01	42.12 1.84 8.59	35.72 1.69 12.90	35.75 1.83 18.66	41.26 1.65 4.99	51.53 1.63 0.01	68.60 2.31 0.01	69.82 2.34 0.00	51.40 2.06 0.00	44.90 1.99 0.00	44.10 2.05 0.00	38.92 1.74 0.00	43.98 1.97 0.00	44.14 2.06 0.00	49.56 2.06 0.00	57.93 2.04 0.00	63.05 1.80 0.01	55.77 1.71 0.00	59.03 1.67 0.00	62.61 1.78 0.00	61.64 2.00 0.00	52.39 1.63 0.00	48.14 1.20 0.00
HUDSON___115KV_TB 4 355613	51.31 0.86 0.00	49.84 0.95 0.00	49.70 0.83 0.00	47.67 0.74 0.00	54.27 1.69 0.00	46.43 1.83 0.00	50.63 0.72 0.00	67.45 1.14 0.00	68.43 0.95 0.00	49.40 0.07 0.00	42.67 -0.24 0.00	41.90 -0.15 0.00	37.32 0.15 0.00	42.22 0.22 0.00	42.50 0.42 0.00	48.11 0.61 0.00	56.96 1.07 0.00	62.54 1.28 0.00	55.33 1.27 0.00	58.64 1.27 0.00	62.25 1.41 0.00	60.90 1.26 0.00	51.68 0.92 0.00	47.63 0.68 0.00
HUNTER MOUNT___DRP 323613	51.43 0.99 0.00	49.97 1.07 0.00	49.82 0.95 0.00	47.78 0.85 0.00	54.12 1.53 0.00	46.17 1.57 0.00	50.79 0.88 0.00	67.69 1.39 0.00	68.69 1.21 0.00	49.53 0.20 0.00	42.72 -0.18 0.00	41.93 -0.12 0.00	37.43 0.26 0.00	42.31 0.30 0.00	42.58 0.51 0.00	48.31 0.81 0.00	57.18 1.29 0.00	62.81 1.55 0.00	55.61 1.54 0.00	58.93 1.56 0.00	62.54 1.70 0.00	61.14 1.50 0.00	51.87 1.11 0.00	47.79 0.85 0.00
HUNTINGTON_RES_REC 323705	51.58 1.14 0.00	50.17 1.27 0.00	49.95 1.08 0.00	47.78 0.85 0.00	51.09 0.78 2.28	41.05 0.58 4.13	12.15 0.25 38.00	12.66 0.51 54.15	12.72 0.51 55.27	16.17 0.65 33.81	44.33 1.42 0.00	43.47 1.42 0.00	38.38 1.20 0.00	43.35 1.35 0.00	43.45 1.38 0.00	45.90 0.95 2.54	44.66 0.73 11.97	62.01 0.75 0.00	28.36 0.39 26.09	29.92 0.27 27.72	43.07 0.39 18.15	45.77 0.55 14.42	47.04 0.46 4.18	44.21 0.11 2.85
HUNTLEY___63 23557	50.05 -0.39 0.00	47.68 -1.21 0.00	48.15 -0.72 0.00	46.36 -0.57 0.00	52.23 -0.35 0.00	44.20 -0.39 0.00	49.45 -0.46 0.00	64.76 -1.54 0.00	66.51 -0.97 0.00	49.63 0.31 0.00	43.94 1.04 0.00	43.27 1.22 0.00	38.02 0.85 0.00	42.84 0.84 0.00	42.41 0.34 0.00	47.98 0.49 0.00	55.34 -0.55 0.00	59.52 -1.74 0.00	52.64 -1.42 0.00	56.20 -1.17 0.00	59.30 -1.54 0.00	58.54 -1.10 0.00	50.20 -0.56 0.00	46.65 -0.29 0.00
HUNTLEY___64 23558	50.05 -0.39 0.00	47.68 -1.21 0.00	48.15 -0.72 0.00	46.36 -0.57 0.00	52.23 -0.35 0.00	44.20 -0.39 0.00	49.45 -0.46 0.00	64.76 -1.54 0.00	66.51 -0.97 0.00	49.63 0.31 0.00	43.94 1.04 0.00	43.27 1.22 0.00	38.02 0.85 0.00	42.84 0.84 0.00	42.41 0.34 0.00	47.98 0.49 0.00	55.34 -0.55 0.00	59.52 -1.74 0.00	52.64 -1.42 0.00	56.20 -1.17 0.00	59.30 -1.54 0.00	58.54 -1.10 0.00	50.20 -0.56 0.00	46.65 -0.29 0.00
HUNTLEY___65 23559	50.05 -0.39 0.00	47.68 -1.21 0.00	48.15 -0.72 0.00	46.36 -0.57 0.00	52.23 -0.35 0.00	44.20 -0.39 0.00	49.45 -0.46 0.00	64.76 -1.54 0.00	66.51 -0.97 0.00	49.63 0.31 0.00	43.94 1.04 0.00	43.27 1.22 0.00	38.02 0.85 0.00	42.84 0.84 0.00	42.41 0.34 0.00	47.98 0.49 0.00	55.34 -0.55 0.00	59.52 -1.74 0.00	52.64 -1.42 0.00	56.20 -1.17 0.00	59.30 -1.54 0.00	58.54 -1.10 0.00	50.20 -0.56 0.00	46.65 -0.29 0.00
HUNTLEY___66 23560	50.05 -0.39 0.00	47.68 -1.21 0.00	48.15 -0.72 0.00	46.36 -0.57 0.00	52.23 -0.35 0.00	44.20 -0.39 0.00	49.45 -0.46 0.00	64.76 -1.54 0.00	66.51 -0.97 0.00	49.63 0.31 0.00	43.94 1.04 0.00	43.27 1.22 0.00	38.02 0.85 0.00	42.84 0.84 0.00	42.41 0.34 0.00	47.98 0.49 0.00	55.34 -0.55 0.00	59.52 -1.74 0.00	52.64 -1.42 0.00	56.20 -1.17 0.00	59.30 -1.54 0.00	58.54 -1.10 0.00	50.20 -0.56 0.00	46.65 -0.29 0.00
HUNTLEY___67 23561	49.77 -0.68 0.00	47.43 -1.46 0.00	47.90 -0.97 0.00	46.13 -0.80 0.00	51.97 -0.61 0.00	43.94 -0.65 0.00	49.18 -0.72 0.00	64.45 -1.85 0.00	66.20 -1.29 0.00	49.31 -0.02 0.00	43.66 0.75 0.00	43.00 0.96 0.00	37.79 0.62 0.00	42.57 0.57 0.00	42.14 0.07 0.00	47.72 0.22 0.00	55.12 -0.77 0.00	59.31 -1.95 0.00	52.46 -1.61 0.00	55.97 -1.40 0.00	59.12 -1.72 0.00	58.35 -1.29 0.00	49.97 -0.79 0.00	46.36 -0.58 0.00
HUNTLEY___68 23562	49.77 -0.68 0.00	47.43 -1.46 0.00	47.90 -0.97 0.00	46.13 -0.80 0.00	51.97 -0.61 0.00	43.94 -0.65 0.00	49.18 -0.72 0.00	64.45 -1.85 0.00	66.20 -1.29 0.00	49.31 -0.02 0.00	43.66 0.75 0.00	43.00 0.96 0.00	37.79 0.62 0.00	42.57 0.57 0.00	42.14 0.07 0.00	47.72 0.22 0.00	55.12 -0.77 0.00	59.31 -1.95 0.00	52.46 -1.61 0.00	55.97 -1.40 0.00	59.12 -1.72 0.00	58.35 -1.29 0.00	49.97 -0.79 0.00	46.36 -0.58 0.00

HYLAND___LFGE 323620	52.78 2.33 0.00	50.58 1.68 0.00	50.85 1.98 0.00	48.92 1.99 0.00	55.00 2.42 0.00	46.65 2.06 0.00	52.35 2.45 0.00	69.30 3.00 0.00	70.54 3.06 0.00	50.57 1.24 0.00	43.98 1.07 0.00	43.55 1.50 0.00	38.10 0.93 0.00	43.22 1.21 0.00	43.22 1.15 0.00	49.92 2.43 0.00	58.49 2.60 0.00	63.88 2.62 0.00	56.78 2.72 0.00	60.51 3.14 0.00	63.97 3.13 0.00	62.70 3.06 0.00	53.26 2.51 0.00	49.12 2.18 0.00
INDECK___CORINTH 23802	51.34 0.90 0.00	50.01 1.12 0.00	49.87 1.00 0.00	47.83 0.90 0.00	53.64 1.06 0.00	45.41 0.81 0.00	50.94 1.04 0.00	67.75 1.45 0.00	68.52 1.04 0.00	49.39 0.06 0.00	42.57 -0.33 0.00	42.00 -0.05 0.00	37.33 0.15 0.00	42.11 0.11 0.00	42.56 0.49 0.00	48.27 0.78 0.00	56.96 1.07 0.00	63.01 1.75 0.00	55.53 1.47 0.00	58.99 1.62 0.00	62.51 1.67 0.00	60.78 1.14 0.00	51.71 0.95 0.00	47.87 0.92 0.00
INDECK___ILION 23567	51.44 1.00 0.00	49.95 1.06 0.00	49.89 1.02 0.00	47.88 0.95 0.00	53.64 1.06 0.00	45.51 0.92 0.00	50.84 0.94 0.00	67.67 1.36 0.00	68.46 0.98 0.00	49.37 0.04 0.00	43.02 0.10 0.00	42.25 0.20 0.00	37.42 0.25 0.00	42.27 0.27 0.00	42.53 0.45 0.00	47.80 0.31 0.00	56.61 0.73 0.00	62.37 1.11 0.00	55.29 1.23 0.00	58.68 1.31 0.00	62.23 1.39 0.00	61.06 1.42 0.00	51.87 1.11 0.00	47.82 0.88 0.00
INDECK___OLEAN 23982	46.83 0.33 3.95	45.22 -0.29 3.38	46.56 0.20 2.51	44.34 0.34 2.93	50.80 0.67 2.45	43.76 0.27 1.11	48.09 0.23 2.06	62.24 -0.23 3.82	65.20 -0.03 2.25	49.28 0.71 0.76	44.16 1.26 0.00	43.41 1.37 0.00	38.29 1.12 0.00	43.16 1.16 0.00	41.84 0.51 0.75	46.90 0.78 1.39	55.27 -0.06 0.56	60.10 -1.10 0.06	53.19 -0.87 0.00	56.80 -0.53 0.05	59.01 -0.46 1.37	57.45 -0.13 2.06	48.28 0.00 2.47	45.84 -0.18 0.92
INDECK___OSWEGO 23783	49.05 -1.40 0.00	47.50 -1.39 0.00	47.48 -1.39 0.00	45.63 -1.30 0.00	51.11 -1.47 0.00	43.42 -1.17 0.00	48.61 -1.29 0.00	64.53 -1.77 0.00	65.71 -1.77 0.00	47.99 -1.34 0.00	41.77 -1.14 0.00	40.96 -1.09 0.00	36.19 -0.98 0.00	40.83 -1.17 0.00	40.88 -1.19 0.00	46.18 -1.31 0.00	54.32 -1.56 0.00	59.65 -1.61 0.00	52.69 -1.37 0.00	55.94 -1.44 0.00	59.30 -1.54 0.00	58.10 -1.54 0.00	49.43 -1.33 0.00	45.64 -1.31 0.00
INDECK___YERKES 23781	47.42 -0.34 2.69	45.44 -1.15 2.30	46.51 -0.64 1.71	44.43 -0.51 2.00	50.65 -0.26 1.67	43.51 -0.34 0.75	48.09 -0.42 1.40	62.21 -1.49 2.60	65.06 -0.92 1.50	49.17 0.35 0.50	43.97 1.06 0.00	43.29 1.24 0.00	38.05 0.88 0.00	42.87 0.87 0.00	41.94 0.38 0.51	47.09 0.53 0.94	54.98 -0.52 0.38	59.53 -1.69 0.04	52.69 -1.37 0.00	56.19 -1.15 0.03	58.40 -1.51 0.94	57.18 -1.05 1.40	48.56 -0.52 1.69	46.07 -0.25 0.62
INDIAN POINT_GT_1 24139	52.47 2.02 0.00	50.84 1.94 0.00	50.67 1.80 0.00	48.61 1.68 0.00	54.38 1.80 0.00	46.18 1.59 0.00	51.44 1.53 0.00	68.46 2.16 0.00	69.63 2.15 0.00	51.17 1.84 0.00	44.69 1.78 0.00	43.92 1.87 0.00	38.81 1.64 0.00	43.84 1.84 0.00	43.98 1.91 0.00	49.40 1.90 0.00	57.80 1.91 0.00	62.98 1.72 0.00	55.64 1.58 0.00	58.90 1.54 0.00	62.49 1.65 0.00	61.47 1.83 0.00	52.29 1.53 0.00	48.05 1.11 0.00
INDIAN POINT_GT_2 23659	52.47 2.02 0.00	50.84 1.94 0.00	50.67 1.80 0.00	48.61 1.68 0.00	54.38 1.80 0.00	46.18 1.59 0.00	51.44 1.53 0.00	68.46 2.16 0.00	69.63 2.15 0.00	51.17 1.84 0.00	44.69 1.78 0.00	43.92 1.87 0.00	38.81 1.64 0.00	43.84 1.84 0.00	43.98 1.91 0.00	49.40 1.90 0.00	57.80 1.91 0.00	62.98 1.72 0.00	55.64 1.58 0.00	58.90 1.54 0.00	62.49 1.65 0.00	61.47 1.83 0.00	52.29 1.53 0.00	48.05 1.11 0.00
INDIAN POINT_GT_3 24019	52.47 2.02 0.00	50.84 1.94 0.00	50.67 1.80 0.00	48.61 1.68 0.00	54.38 1.80 0.00	46.18 1.59 0.00	51.44 1.53 0.00	68.46 2.16 0.00	69.63 2.15 0.00	51.17 1.84 0.00	44.69 1.78 0.00	43.92 1.87 0.00	38.81 1.64 0.00	43.84 1.84 0.00	43.98 1.91 0.00	49.40 1.90 0.00	57.80 1.91 0.00	62.98 1.72 0.00	55.64 1.58 0.00	58.90 1.54 0.00	62.49 1.65 0.00	61.47 1.83 0.00	52.29 1.53 0.00	48.05 1.11 0.00
INDIAN POINT___2 23530	52.45 2.00 0.00	50.80 1.91 0.00	50.63 1.76 0.00	48.54 1.61 0.00	54.32 1.74 0.00	46.15 1.56 0.00	51.40 1.49 0.00	68.43 2.12 0.00	69.59 2.10 0.00	51.13 1.81 0.00	44.67 1.76 0.00	43.90 1.85 0.00	38.80 1.62 0.00	43.83 1.83 0.00	43.96 1.89 0.00	49.39 1.89 0.00	57.79 1.90 0.00	62.94 1.68 0.00	55.62 1.56 0.00	58.88 1.51 0.00	62.48 1.64 0.00	61.47 1.83 0.00	52.28 1.53 0.00	48.04 1.10 0.00
INDIAN POINT___3 23531	52.44 2.00 0.00	50.81 1.92 0.00	50.66 1.79 0.00	48.58 1.65 0.00	54.35 1.77 0.00	46.15 1.56 0.00	51.40 1.49 0.00	68.43 2.13 0.00	69.59 2.11 0.00	51.12 1.79 0.00	44.66 1.75 0.00	43.89 1.84 0.00	38.78 1.61 0.00	43.82 1.81 0.00	43.95 1.88 0.00	49.36 1.87 0.00	57.76 1.87 0.00	62.92 1.67 0.00	55.60 1.54 0.00	58.86 1.49 0.00	62.46 1.62 0.00	61.46 1.82 0.00	52.28 1.52 0.00	48.04 1.09 0.00
INGHAM_C_115KV_TB7 356103	52.71 2.27 0.00	51.27 2.37 0.00	51.14 2.28 0.00	49.05 2.12 0.00	54.96 2.38 0.00	46.66 2.07 0.00	52.05 2.14 0.00	69.41 3.12 0.00	69.68 2.20 0.00	49.31 -0.02 0.00	43.06 0.15 0.00	42.42 0.37 0.00	37.73 0.56 0.00	42.53 0.52 0.00	42.99 0.92 0.00	48.06 0.57 0.00	57.43 1.54 0.00	63.70 2.44 0.00	56.81 2.74 0.00	60.30 2.93 0.00	63.94 3.10 0.00	62.79 3.15 0.00	53.25 2.50 0.00	49.00 2.06 0.00
IP CORINTH___1 23988	51.64 1.20 0.00	50.29 1.40 0.00	50.13 1.27 0.00	48.11 1.18 0.00	53.93 1.35 0.00	45.65 1.05 0.00	51.24 1.33 0.00	68.14 1.84 0.00	68.92 1.44 0.00	49.66 0.33 0.00	42.81 -0.10 0.00	42.23 0.18 0.00	37.53 0.35 0.00	42.35 0.34 0.00	42.79 0.71 0.00	48.54 1.04 0.00	57.30 1.41 0.00	63.37 2.11 0.00	55.85 1.79 0.00	59.33 1.96 0.00	62.87 2.03 0.00	61.12 1.48 0.00	52.02 1.26 0.00	48.13 1.19 0.00
IP___TICONDEROGA 23804	53.82 3.38 0.00	52.53 3.64 0.00	51.89 3.02 0.00	50.06 3.13 0.00	56.34 3.76 0.00	47.80 3.21 0.00	54.43 4.53 0.00	72.41 6.11 0.00	72.85 5.37 0.00	51.43 2.11 0.00	43.85 0.94 0.00	43.57 1.52 0.00	38.95 1.78 0.00	44.12 2.12 0.00	44.84 2.76 0.00	51.23 3.74 0.00	60.89 5.00 0.00	67.53 6.27 0.00	59.07 5.01 0.00	63.24 5.87 0.00	66.80 5.96 0.00	63.78 4.14 0.00	54.18 3.42 0.00	50.39 3.45 0.00
ISLIP_RES_REC 323679	63.97 1.36 -12.17	56.07 1.47 -5.70	53.85 1.26 -3.73	53.25 1.01 -5.30	64.90 0.94 -11.38	48.61 0.78 -3.24	12.55 0.54 37.90	13.26 0.96 54.00	13.34 0.97 55.11	16.83 0.92 33.42	46.44 1.59 -1.94	45.28 1.54 -1.69	38.56 1.34 -0.05	45.10 1.46 -1.64	43.82 1.55 -0.20	46.21 1.25 2.53	45.08 1.12 11.93	62.59 1.33 0.00	28.86 0.81 26.02	30.48 0.75 27.64	43.61 0.88 18.10	46.31 1.05 14.38	47.43 0.83 4.16	44.48 0.38 2.84

JAMAICA__27_KV_LOAD 355505	52.63 2.19 0.00	49.95 2.07 1.01	42.17 1.90 8.59	35.77 1.74 12.90	35.80 1.88 18.66	41.32 1.71 4.99	51.60 1.69 0.01	68.75 2.45 0.01	70.03 2.55 0.00	51.62 2.29 0.00	45.06 2.15 0.00	44.21 2.17 0.00	38.94 1.77 0.00	44.01 2.01 0.00	44.20 2.13 0.00	49.68 2.18 0.00	58.01 2.12 0.00	63.12 1.86 0.01	55.86 1.80 0.00	59.14 1.77 0.00	62.72 1.88 0.00	61.85 2.20 0.00	52.51 1.76 0.00	48.31 1.36 0.00
JANIS__SOLAR 323808	53.04 1.81 -0.79	51.23 1.66 -0.67	51.18 1.81 -0.50	49.23 1.71 -0.58	55.03 1.97 -0.49	46.51 1.70 -0.22	52.28 1.96 -0.41	69.87 2.81 -0.76	70.62 2.71 -0.43	51.00 1.53 -0.15	44.04 1.13 0.00	42.97 0.92 0.00	38.06 0.89 0.00	43.42 1.42 0.00	43.59 1.36 -0.15	49.39 1.62 -0.27	57.95 1.95 -0.11	63.88 2.61 -0.01	56.54 2.48 0.00	60.00 2.62 -0.01	63.76 2.65 -0.27	62.60 2.55 -0.41	53.30 2.05 -0.49	48.83 1.70 -0.18
JARVIS____ 23743	50.50 0.06 0.00	48.99 0.10 0.00	48.97 0.09 0.00	47.02 0.09 0.00	52.67 0.08 0.00	44.66 0.07 0.00	49.95 0.04 0.00	66.36 0.06 0.00	67.48 0.00 0.00	49.28 -0.05 0.00	42.85 -0.06 0.00	42.01 -0.04 0.00	37.17 0.00 0.00	42.01 0.01 0.00	42.11 0.04 0.00	47.51 0.01 0.00	55.93 0.05 0.00	61.32 0.06 0.00	54.12 0.05 0.00	57.43 0.06 0.00	60.91 0.07 0.00	59.73 0.09 0.00	50.81 0.05 0.00	46.93 -0.02 0.00
JENNISON____1 23625	52.34 1.89 0.00	50.78 1.89 0.00	50.91 2.04 0.00	48.71 1.78 0.00	54.63 2.05 0.00	46.28 1.68 0.00	51.80 1.89 0.00	69.17 2.87 0.00	70.21 2.73 0.00	51.11 1.78 0.00	44.37 1.46 0.00	43.69 1.64 0.00	38.57 1.40 0.00	43.74 1.73 0.00	43.75 1.67 0.00	49.44 1.94 0.00	58.42 2.53 0.00	63.94 2.68 0.00	56.57 2.51 0.00	59.96 2.59 0.00	63.54 2.70 0.00	62.31 2.67 0.00	52.91 2.15 0.00	48.73 1.79 0.00
JENNISON____2 23626	52.34 1.89 0.00	50.78 1.89 0.00	50.91 2.04 0.00	48.71 1.78 0.00	54.63 2.05 0.00	46.28 1.68 0.00	51.80 1.89 0.00	69.17 2.87 0.00	70.21 2.73 0.00	51.11 1.78 0.00	44.37 1.46 0.00	43.69 1.64 0.00	38.57 1.40 0.00	43.74 1.73 0.00	43.75 1.67 0.00	49.44 1.94 0.00	58.42 2.53 0.00	63.94 2.68 0.00	56.57 2.51 0.00	59.96 2.59 0.00	63.54 2.70 0.00	62.31 2.67 0.00	52.91 2.15 0.00	48.73 1.79 0.00
JERICOHO_RISE_WT_PWR 323719	51.40 0.95 0.00	49.66 0.77 0.00	49.66 0.78 0.00	47.67 0.74 0.00	53.43 0.85 0.00	45.33 0.73 0.00	50.77 0.86 0.00	67.49 1.19 0.00	68.82 1.34 0.00	50.38 1.05 0.00	43.71 0.80 0.00	42.53 0.48 0.00	37.46 0.29 0.00	42.36 0.36 0.00	42.48 0.41 0.00	48.17 0.68 0.00	56.74 0.85 0.00	62.40 1.15 0.00	55.04 0.98 0.00	58.52 1.15 0.00	61.94 1.10 0.00	60.62 0.98 0.00	51.80 1.04 0.00	48.21 1.26 0.00
KATONAH__115KV_46KV_TB4 355592	52.61 2.17 0.00	50.99 2.10 0.00	50.83 1.95 0.00	48.75 1.82 0.00	54.54 1.96 0.00	46.31 1.71 0.00	51.59 1.68 0.00	68.71 2.41 0.00	69.91 2.43 0.00	51.37 2.04 0.00	44.86 1.95 0.00	44.04 1.99 0.00	38.89 1.71 0.00	43.96 1.96 0.00	44.13 2.06 0.00	49.59 2.10 0.00	58.05 2.16 0.00	63.27 2.01 0.00	55.90 1.84 0.00	59.17 1.80 0.00	62.77 1.93 0.00	61.74 2.10 0.00	52.50 1.74 0.00	48.24 1.30 0.00
KCE_NY_1 323755	51.97 1.52 0.00	50.53 1.64 0.00	50.35 1.49 0.00	48.29 1.36 0.00	54.13 1.55 0.00	45.94 1.34 0.00	51.45 1.54 0.00	68.45 2.14 0.00	69.37 1.88 0.00	50.20 0.87 0.00	43.35 0.45 0.00	42.69 0.63 0.00	37.87 0.70 0.00	42.76 0.76 0.00	43.13 1.06 0.00	48.78 1.28 0.00	57.61 1.72 0.00	63.56 2.29 0.00	56.05 1.99 0.00	59.47 2.10 0.00	63.05 2.22 0.00	61.60 1.96 0.00	52.38 1.62 0.00	48.39 1.44 0.00
KCE_NY_6_ESR 323823	47.25 -0.16 3.03	45.36 -0.94 2.59	46.50 -0.44 1.93	44.35 -0.33 2.25	50.59 -0.11 1.88	43.57 -0.18 0.85	48.17 -0.16 1.57	62.37 -1.01 2.93	65.26 -0.53 1.69	49.18 0.42 0.57	43.96 1.05 0.00	43.29 1.24 0.00	38.01 0.84 0.00	42.90 0.90 0.00	41.91 0.40 0.57	47.12 0.68 1.06	55.29 -0.17 0.43	59.91 -1.30 0.04	53.06 -1.00 0.00	56.59 -0.75 0.04	58.78 -1.01 1.05	57.42 -0.64 1.58	48.61 -0.25 1.90	46.11 -0.13 0.70
KEDC_PORT_JEFF_GT2 24210	51.59 1.15 0.00	50.19 1.30 0.00	49.95 1.09 0.00	47.78 0.85 0.00	51.04 0.77 2.30	41.03 0.62 4.18	11.81 0.33 38.43	12.20 0.66 54.76	12.25 0.67 55.90	15.87 0.73 34.19	44.36 1.45 0.00	43.47 1.42 0.00	38.40 1.23 0.00	43.37 1.37 0.00	43.51 1.43 0.00	46.01 1.09 2.57	44.68 0.90 12.10	62.25 0.99 0.00	28.06 0.39 26.39	29.66 0.32 28.03	43.05 0.57 18.36	45.83 0.78 14.59	47.14 0.60 4.22	44.24 0.17 2.88
KEDC_PORT_JEFF_GT3 24211	51.59 1.15 0.00	50.19 1.30 0.00	49.95 1.09 0.00	47.78 0.85 0.00	51.04 0.77 2.30	41.03 0.62 4.18	11.81 0.33 38.43	12.20 0.66 54.76	12.25 0.67 55.90	15.87 0.73 34.19	44.36 1.45 0.00	43.47 1.42 0.00	38.40 1.23 0.00	43.37 1.37 0.00	43.51 1.43 0.00	46.01 1.09 2.57	44.68 0.90 12.10	62.25 0.99 0.00	28.06 0.39 26.39	29.66 0.32 28.03	43.05 0.57 18.36	45.83 0.78 14.59	47.14 0.60 4.22	44.24 0.17 2.88
KEDC_GLWD_GT4 24219	52.65 2.20 0.00	51.04 2.15 0.00	50.83 1.96 0.00	48.68 1.75 0.00	53.75 1.87 0.70	44.90 1.60 1.30	38.51 1.48 12.87	51.20 2.11 17.21	50.69 2.10 18.89	39.88 1.85 11.29	45.00 2.09 0.00	44.16 2.11 0.00	39.01 1.84 0.00	44.09 2.09 0.00	44.22 2.14 0.00	48.77 2.05 0.78	54.27 2.05 3.67	63.21 1.95 0.00	47.75 1.69 8.00	50.50 1.63 8.49	57.04 1.77 5.56	57.16 1.94 4.42	51.11 1.63 1.28	47.26 1.19 0.87
KEDC_GLWD_GT5 24220	52.65 2.20 0.00	51.04 2.15 0.00	50.83 1.96 0.00	48.68 1.75 0.00	53.75 1.87 0.70	44.90 1.60 1.30	38.51 1.48 12.87	51.20 2.11 17.21	50.69 2.10 18.89	39.88 1.85 11.29	45.00 2.09 0.00	44.16 2.11 0.00	39.01 1.84 0.00	44.09 2.09 0.00	44.22 2.14 0.00	48.77 2.05 0.78	54.27 2.05 3.67	63.21 1.95 0.00	47.75 1.69 8.00	50.50 1.63 8.49	57.04 1.77 5.56	57.16 1.94 4.42	51.11 1.63 1.28	47.26 1.19 0.87
KENSICO____ 23655	52.55 2.11 0.00	50.92 2.03 0.00	50.76 1.89 0.00	48.67 1.74 0.00	54.46 1.88 0.00	46.24 1.64 0.00	51.49 1.58 0.00	68.56 2.26 0.00	69.73 2.25 0.00	51.25 1.92 0.00	44.78 1.87 0.00	44.01 1.95 0.00	38.87 1.69 0.00	43.91 1.91 0.00	44.06 1.99 0.00	49.48 1.99 0.00	57.89 2.00 0.00	63.08 1.82 0.00	55.73 1.67 0.00	58.98 1.61 0.00	62.58 1.75 0.00	61.57 1.93 0.00	52.37 1.61 0.00	48.11 1.17 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	52.84 2.40 0.00	51.23 2.33 0.00	51.12 2.25 0.00	49.04 2.11 0.00	54.84 2.26 0.00	46.52 1.93 0.00	51.91 2.00 0.00	69.18 2.88 0.00	70.37 2.88 0.00	51.52 2.19 0.00	44.79 1.88 0.00	43.82 1.77 0.00	38.73 1.55 0.00	43.66 1.65 0.00	43.78 1.70 0.00	49.26 1.77 0.00	58.00 2.11 0.00	63.25 1.99 0.00	55.96 1.90 0.00	59.25 1.88 0.00	62.93 2.09 0.00	62.33 2.69 0.00	52.97 2.21 0.00	48.64 1.69 0.00

KIAC_JFK_GT1 23816	52.32 1.88 0.00	49.66 1.78 1.01	41.89 1.61 8.59	35.52 1.49 12.90	35.52 1.59 18.66	41.00 1.40 4.99	51.10 1.19 0.01	68.08 1.78 0.01	69.36 1.88 0.00	51.12 1.80 0.00	44.79 1.88 0.00	43.97 1.92 0.00	38.73 1.56 0.00	43.78 1.77 0.00	43.95 1.88 0.00	49.38 1.89 0.00	57.59 1.70 0.00	62.49 1.24 0.01	55.31 1.25 0.00	58.53 1.16 0.00	62.11 1.27 0.00	61.43 1.79 0.00	52.21 1.45 0.00	48.02 1.07 0.00
KIAC_JFK_GT2 23817	52.32 1.88 0.00	49.66 1.78 1.01	41.89 1.61 8.59	35.52 1.49 12.90	35.52 1.59 18.66	41.00 1.40 4.99	51.10 1.19 0.01	68.08 1.78 0.01	69.36 1.88 0.00	51.12 1.80 0.00	44.79 1.88 0.00	43.97 1.92 0.00	38.73 1.56 0.00	43.78 1.77 0.00	43.95 1.88 0.00	49.38 1.89 0.00	57.59 1.70 0.00	62.49 1.24 0.01	55.31 1.25 0.00	58.53 1.16 0.00	62.11 1.27 0.00	61.43 1.79 0.00	52.21 1.45 0.00	48.02 1.07 0.00
KIAC_JFK____ 323774	52.31 1.86 0.00	49.63 1.75 1.01	41.79 1.52 8.59	35.37 1.34 12.90	35.40 1.48 18.66	40.97 1.36 4.99	51.09 1.19 0.01	68.07 1.77 0.01	69.35 1.87 0.00	51.11 1.78 0.00	44.79 1.88 0.00	43.97 1.92 0.00	38.74 1.57 0.00	43.78 1.78 0.00	43.96 1.88 0.00	49.38 1.89 0.00	57.59 1.70 0.00	62.49 1.23 0.01	55.31 1.25 0.00	58.53 1.16 0.00	62.10 1.26 0.00	61.43 1.79 0.00	52.20 1.44 0.00	48.01 1.07 0.00
KINTIGH__24_KV_GSU 356498	47.48 -0.64 2.32	45.57 -1.34 1.98	46.50 -0.90 1.47	44.49 -0.72 1.72	50.59 -0.55 1.44	43.32 -0.62 0.65	47.98 -0.72 1.21	62.31 -1.75 2.24	64.95 -1.24 1.29	48.84 -0.05 0.43	43.57 0.66 0.00	42.91 0.86 0.00	37.73 0.56 0.00	42.49 0.49 0.00	41.67 0.03 0.44	46.83 0.15 0.81	54.80 -0.76 0.33	59.47 -1.76 0.03	52.59 -1.47 0.00	56.06 -1.29 0.03	58.41 -1.62 0.80	57.21 -1.22 1.21	48.50 -0.81 1.45	45.78 -0.62 0.54
KINTIGH____ 23543	49.76 -0.68 0.00	47.50 -1.39 0.00	47.92 -0.95 0.00	46.15 -0.79 0.00	51.96 -0.62 0.00	43.93 -0.67 0.00	49.15 -0.76 0.00	64.48 -1.82 0.00	66.19 -1.30 0.00	49.23 -0.10 0.00	43.54 0.64 0.00	42.88 0.83 0.00	37.71 0.53 0.00	42.46 0.46 0.00	42.08 0.01 0.00	47.60 0.11 0.00	55.10 -0.79 0.00	59.46 -1.80 0.00	52.56 -1.51 0.00	56.06 -1.31 0.00	59.17 -1.67 0.00	58.37 -1.27 0.00	49.92 -0.84 0.00	46.29 -0.65 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	51.87 1.42 0.00	50.07 1.18 0.00	50.06 1.19 0.00	48.07 1.14 0.00	53.91 1.32 0.00	45.74 1.14 0.00	51.16 1.26 0.00	68.08 1.77 0.00	69.37 1.89 0.00	50.82 1.49 0.00	44.08 1.18 0.00	42.89 0.84 0.00	37.77 0.60 0.00	42.68 0.68 0.00	42.82 0.74 0.00	48.63 1.14 0.00	57.15 1.26 0.00	62.98 1.72 0.00	55.57 1.51 0.00	59.10 1.73 0.00	62.53 1.69 0.00	61.08 1.44 0.00	52.25 1.49 0.00	48.64 1.70 0.00
LACHUTE____HYDRO 323717	53.83 3.38 0.00	52.54 3.64 0.00	51.89 3.02 0.00	50.05 3.12 0.00	56.32 3.74 0.00	47.80 3.20 0.00	54.43 4.53 0.00	72.41 6.11 0.00	72.85 5.37 0.00	51.43 2.10 0.00	43.85 0.94 0.00	43.57 1.52 0.00	38.95 1.77 0.00	44.12 2.12 0.00	44.83 2.76 0.00	51.23 3.74 0.00	60.89 5.00 0.00	67.53 6.27 0.00	59.07 5.01 0.00	63.24 5.87 0.00	66.80 5.96 0.00	63.78 4.14 0.00	54.17 3.42 0.00	50.39 3.45 0.00
LAWRNCALV_115KV_TB1 80681	52.58 2.13 0.00	50.73 1.84 0.00	50.77 1.90 0.00	48.77 1.84 0.00	54.69 2.11 0.00	46.39 1.80 0.00	52.06 2.15 0.00	69.14 2.84 0.00	70.47 2.99 0.00	51.41 2.08 0.00	44.53 1.62 0.00	43.29 1.25 0.00	38.24 1.07 0.00	43.18 1.17 0.00	43.20 1.12 0.00	48.77 1.27 0.00	57.81 1.92 0.00	63.83 2.57 0.00	56.46 2.40 0.00	59.98 2.61 0.00	63.48 2.64 0.00	62.24 2.60 0.00	52.99 2.24 0.00	49.26 2.31 0.00
LEDERLE____ 23769	52.77 2.32 0.00	51.10 2.21 0.00	50.96 2.09 0.00	48.89 1.96 0.00	54.68 2.10 0.00	46.45 1.86 0.00	51.75 1.84 0.00	68.89 2.59 0.00	70.06 2.58 0.00	51.47 2.14 0.00	44.94 2.03 0.00	44.20 2.15 0.00	39.08 1.91 0.00	44.14 2.14 0.00	44.28 2.21 0.00	49.74 2.24 0.00	58.21 2.32 0.00	63.41 2.15 0.00	56.03 1.97 0.00	59.32 1.95 0.00	62.95 2.11 0.00	61.93 2.29 0.00	52.66 1.90 0.00	48.35 1.41 0.00
LIGHTHSE_115KV_TB6 355974	50.28 -0.17 0.00	48.66 -0.23 0.00	48.67 -0.20 0.00	46.76 -0.18 0.00	52.37 -0.21 0.00	44.48 -0.12 0.00	49.82 -0.09 0.00	66.18 -0.12 0.00	67.49 0.01 0.00	49.11 -0.22 0.00	42.49 -0.42 0.00	41.40 -0.65 0.00	36.59 -0.58 0.00	41.31 -0.69 0.00	41.39 -0.68 0.00	46.94 -0.55 0.00	55.33 -0.55 0.00	61.05 -0.21 0.00	54.14 0.08 0.00	57.53 0.16 0.00	60.98 0.14 0.00	59.84 0.20 0.00	50.84 0.08 0.00	46.90 -0.04 0.00
LINDEN COGEN____ 23786	52.53 2.09 0.00	50.86 1.97 0.00	50.66 1.79 0.00	48.55 1.62 0.00	54.34 1.77 0.00	46.22 1.62 0.00	51.54 1.63 0.00	68.59 2.29 0.00	69.80 2.32 0.00	51.33 2.00 0.00	44.86 1.95 0.00	44.08 2.04 0.00	38.94 1.77 0.00	43.99 1.99 0.00	44.13 2.06 0.00	49.54 2.05 0.00	57.94 2.06 0.00	63.08 1.82 0.00	55.80 1.73 0.00	59.07 1.70 0.00	62.64 1.80 0.00	61.64 2.00 0.00	52.36 1.60 0.00	48.07 1.13 0.00
LINDHRST_69_KV_BK1 356055	52.66 2.22 0.00	51.08 2.18 0.00	50.79 1.92 0.00	48.62 1.69 0.00	52.47 1.71 1.82	42.66 1.40 3.33	19.09 1.19 32.01	24.03 1.78 44.05	22.43 1.80 46.84	22.65 1.60 28.28	45.00 2.09 0.00	44.10 2.05 0.00	38.95 1.78 0.00	43.96 1.96 0.00	44.10 2.03 0.00	47.32 1.86 2.04	48.05 1.75 9.59	63.10 1.84 0.00	34.54 1.38 20.90	36.49 1.32 22.20	47.79 1.49 14.54	49.74 1.66 11.55	48.95 1.54 3.35	45.78 1.11 2.28
LIPA_MISC_IPP 23656	-3.73 0.80 54.97	24.13 0.98 25.74	32.83 0.79 16.82	23.55 0.58 23.96	-10.96 0.41 63.96	7.50 0.33 37.42	11.25 0.03 38.69	11.45 0.27 55.12	11.48 0.28 56.27	14.03 0.42 35.73	35.31 1.16 8.76	35.59 1.16 7.63	37.94 0.99 0.22	35.71 1.10 7.38	42.38 1.20 0.89	45.75 0.84 2.59	44.29 0.58 12.18	61.95 0.69 0.00	27.73 0.23 26.56	29.31 0.16 28.22	42.56 0.20 18.48	45.42 0.46 14.69	46.83 0.32 4.25	43.93 -0.11 2.90
LISF____SOLAR 323691	-23.10 0.84 74.38	15.09 1.02 34.83	26.91 0.80 22.76	15.09 0.58 32.42	-32.68 0.45 85.71	-4.18 0.36 49.14	11.38 0.06 38.59	11.64 0.32 54.99	11.65 0.30 56.13	13.63 0.40 36.11	32.21 1.15 11.85	32.87 1.14 10.32	37.85 0.97 0.30	33.10 1.09 9.99	42.05 1.18 1.21	45.75 0.84 2.58	44.37 0.63 12.15	62.03 0.77 0.00	27.88 0.31 26.50	29.47 0.25 28.15	42.70 0.30 18.44	45.53 0.54 14.65	46.89 0.38 4.24	43.98 -0.07 2.89
LITTLE FALLS____HYD 24013	52.71 2.27 0.00	51.27 2.37 0.00	51.14 2.28 0.00	49.05 2.12 0.00	54.96 2.38 0.00	46.66 2.07 0.00	52.05 2.14 0.00	69.41 3.12 0.00	69.68 2.20 0.00	49.31 -0.02 0.00	43.06 0.15 0.00	42.42 0.37 0.00	37.73 0.56 0.00	42.53 0.52 0.00	42.99 0.92 0.00	48.06 0.57 0.00	57.43 1.54 0.00	63.70 2.44 0.00	56.81 2.74 0.00	60.30 2.93 0.00	63.94 3.10 0.00	62.79 3.15 0.00	53.25 2.50 0.00	49.00 2.06 0.00

LITTLRIV_115KV_TB1 356100	53.23 2.79 0.00	51.35 2.46 0.00	51.37 2.50 0.00	49.35 2.42 0.00	55.36 2.78 0.00	46.97 2.37 0.00	52.77 2.86 0.00	70.10 3.80 0.00	71.39 3.91 0.00	51.83 2.50 0.00	44.85 1.94 0.00	43.56 1.51 0.00	38.45 1.28 0.00	43.37 1.37 0.00	43.45 1.38 0.00	48.89 1.40 0.00	58.35 2.46 0.00	64.68 3.42 0.00	57.29 3.23 0.00	60.89 3.52 0.00	64.39 3.55 0.00	63.11 3.46 0.00	53.68 2.92 0.00	49.89 2.94 0.00
LI_NEWBRDGE___DRP 323616	51.95 1.51 0.00	50.44 1.55 0.00	50.24 1.37 0.00	48.11 1.18 0.00	51.24 1.16 2.50	41.01 0.93 4.52	8.91 0.66 41.66	8.01 1.05 59.34	7.89 1.03 60.61	13.33 1.06 37.06	44.52 1.61 0.00	43.66 1.61 0.00	38.55 1.38 0.00	43.57 1.57 0.00	43.66 1.58 0.00	46.00 1.30 2.79	43.89 1.12 13.12	62.30 1.04 0.00	26.21 0.76 28.61	27.63 0.65 30.40	41.69 0.76 19.91	44.76 0.93 15.82	47.02 0.84 4.58	44.31 0.49 3.12
LOCKPORT_115KV_TB60_63_64 80432	49.65 -0.80 0.00	47.30 -1.59 0.00	47.75 -1.12 0.00	46.01 -0.92 0.00	51.84 -0.74 0.00	44.03 -0.56 0.00	49.31 -0.60 0.00	64.58 -1.72 0.00	66.36 -1.12 0.00	49.44 0.11 0.00	43.78 0.88 0.00	43.10 1.05 0.00	37.84 0.66 0.00	42.65 0.65 0.00	42.21 0.14 0.00	47.81 0.31 0.00	55.08 -0.81 0.00	59.19 -2.07 0.00	52.36 -1.71 0.00	55.86 -1.51 0.00	58.91 -1.93 0.00	58.15 -1.49 0.00	49.76 -1.00 0.00	46.38 -0.56 0.00
LOCKPORT___CC1 323769	47.33 -0.76 2.35	45.33 -1.55 2.01	46.32 -1.05 1.50	44.32 -0.87 1.75	50.45 -0.67 1.46	43.36 -0.58 0.66	48.06 -0.63 1.22	62.24 -1.78 2.27	64.98 -1.20 1.31	48.96 0.06 0.44	43.73 0.82 0.00	43.06 1.02 0.00	37.81 0.63 0.00	42.61 0.61 0.00	41.74 0.11 0.44	46.96 0.29 0.82	54.72 -0.84 0.33	59.16 -2.07 0.03	52.33 -1.73 0.00	55.83 -1.52 0.03	58.09 -1.94 0.81	56.95 -1.47 1.23	48.31 -0.97 1.47	45.82 -0.57 0.55
LOCKPORT___CC2 323770	47.33 -0.76 2.35	45.33 -1.55 2.01	46.32 -1.05 1.50	44.32 -0.87 1.75	50.45 -0.67 1.46	43.36 -0.58 0.66	48.06 -0.63 1.22	62.24 -1.78 2.27	64.98 -1.20 1.31	48.96 0.06 0.44	43.73 0.82 0.00	43.06 1.02 0.00	37.81 0.63 0.00	42.61 0.61 0.00	41.74 0.11 0.44	46.96 0.29 0.82	54.72 -0.84 0.33	59.16 -2.07 0.03	52.33 -1.73 0.00	55.83 -1.52 0.03	58.09 -1.94 0.81	56.95 -1.47 1.23	48.31 -0.97 1.47	45.82 -0.57 0.55
LOCKPORT___CC3 323771	47.33 -0.76 2.35	45.33 -1.55 2.01	46.32 -1.05 1.50	44.32 -0.87 1.75	50.45 -0.67 1.46	43.36 -0.58 0.66	48.06 -0.63 1.22	62.24 -1.78 2.27	64.98 -1.20 1.31	48.96 0.06 0.44	43.73 0.82 0.00	43.06 1.02 0.00	37.81 0.63 0.00	42.61 0.61 0.00	41.74 0.11 0.44	46.96 0.29 0.82	54.72 -0.84 0.33	59.16 -2.07 0.03	52.33 -1.73 0.00	55.83 -1.52 0.03	58.09 -1.94 0.81	56.95 -1.47 1.23	48.31 -0.97 1.47	45.82 -0.57 0.55
LOCUSVLY_69_KV_BK2 55797	52.49 2.04 0.00	50.93 2.04 0.00	50.73 1.86 0.00	48.60 1.67 0.00	53.19 1.71 1.11	43.99 1.42 2.03	31.60 1.24 19.55	41.25 1.80 26.85	40.71 1.82 28.59	33.73 1.65 17.26	44.93 2.02 0.00	44.10 2.05 0.00	38.95 1.78 0.00	44.00 2.00 0.00	44.12 2.05 0.00	48.13 1.88 1.24	51.87 1.80 5.82	63.00 1.74 0.00	42.82 1.44 12.68	45.27 1.37 13.47	53.50 1.49 8.82	54.29 1.66 7.01	50.15 1.42 2.03	46.56 1.00 1.38
LONG_LAKE_PHOENIX 24014	49.24 -1.21 0.00	47.68 -1.21 0.00	47.67 -1.20 0.00	45.78 -1.15 0.00	51.31 -1.27 0.00	43.58 -1.02 0.00	48.80 -1.11 0.00	64.76 -1.55 0.00	65.97 -1.52 0.00	48.20 -1.13 0.00	42.00 -0.91 0.00	41.22 -0.83 0.00	36.41 -0.77 0.00	41.10 -0.90 0.00	41.13 -0.95 0.00	46.45 -1.05 0.00	54.61 -1.28 0.00	59.92 -1.34 0.00	52.91 -1.15 0.00	56.16 -1.21 0.00	59.53 -1.31 0.00	58.30 -1.34 0.00	49.60 -1.15 0.00	45.78 -1.16 0.00
LOVETT___3 23632	52.46 2.01 0.00	50.82 1.93 0.00	50.67 1.80 0.00	48.61 1.68 0.00	54.37 1.79 0.00	46.18 1.58 0.00	51.44 1.53 0.00	68.45 2.15 0.00	69.63 2.15 0.00	51.15 1.82 0.00	44.68 1.77 0.00	43.92 1.87 0.00	38.82 1.64 0.00	43.85 1.85 0.00	43.97 1.89 0.00	49.40 1.90 0.00	57.79 1.90 0.00	62.95 1.70 0.00	55.63 1.57 0.00	58.89 1.52 0.00	62.49 1.65 0.00	61.47 1.83 0.00	52.29 1.53 0.00	48.05 1.11 0.00
LOVETT___4 23642	52.46 2.01 0.00	50.82 1.93 0.00	50.67 1.80 0.00	48.61 1.68 0.00	54.37 1.79 0.00	46.18 1.58 0.00	51.44 1.53 0.00	68.45 2.15 0.00	69.63 2.15 0.00	51.15 1.82 0.00	44.68 1.77 0.00	43.92 1.87 0.00	38.82 1.64 0.00	43.85 1.85 0.00	43.97 1.89 0.00	49.40 1.90 0.00	57.79 1.90 0.00	62.95 1.70 0.00	55.63 1.57 0.00	58.89 1.52 0.00	62.49 1.65 0.00	61.47 1.83 0.00	52.29 1.53 0.00	48.05 1.11 0.00
LOVETT___5 23593	52.46 2.01 0.00	50.82 1.93 0.00	50.67 1.80 0.00	48.61 1.68 0.00	54.37 1.79 0.00	46.18 1.58 0.00	51.44 1.53 0.00	68.45 2.15 0.00	69.63 2.15 0.00	51.15 1.82 0.00	44.68 1.77 0.00	43.92 1.87 0.00	38.82 1.64 0.00	43.85 1.85 0.00	43.97 1.89 0.00	49.40 1.90 0.00	57.79 1.90 0.00	62.95 1.70 0.00	55.63 1.57 0.00	58.89 1.52 0.00	62.49 1.65 0.00	61.47 1.83 0.00	52.29 1.53 0.00	48.05 1.11 0.00
LOWER RAQUET___HYD 24057	52.73 2.28 0.00	50.86 1.97 0.00	50.90 2.03 0.00	48.89 1.96 0.00	54.83 2.25 0.00	46.51 1.92 0.00	52.22 2.31 0.00	69.35 3.04 0.00	70.69 3.21 0.00	51.51 2.18 0.00	44.57 1.66 0.00	43.31 1.26 0.00	38.25 1.07 0.00	43.18 1.18 0.00	43.21 1.14 0.00	48.78 1.28 0.00	57.90 2.01 0.00	64.04 2.78 0.00	56.67 2.61 0.00	60.20 2.83 0.00	63.70 2.86 0.00	62.47 2.83 0.00	53.17 2.41 0.00	49.42 2.47 0.00
LOWER___HUDSON 24059	51.27 0.82 0.00	49.83 0.94 0.00	49.62 0.75 0.00	47.55 0.62 0.00	53.27 0.69 0.00	45.26 0.67 0.00	50.60 0.69 0.00	67.37 1.07 0.00	68.33 0.85 0.00	49.60 0.28 0.00	42.90 -0.01 0.00	42.12 0.07 0.00	37.36 0.19 0.00	42.23 0.22 0.00	42.53 0.46 0.00	48.07 0.58 0.00	56.86 0.97 0.00	62.57 1.31 0.00	55.14 1.08 0.00	58.51 1.14 0.00	62.14 1.30 0.00	60.73 1.09 0.00	51.60 0.84 0.00	47.70 0.76 0.00
LOWVILLE_115KV_TB2 356335	52.32 1.88 0.00	50.65 1.75 0.00	50.71 1.84 0.00	48.74 1.81 0.00	54.57 1.99 0.00	46.32 1.72 0.00	52.00 2.09 0.00	69.11 2.81 0.00	70.30 2.82 0.00	51.02 1.69 0.00	43.92 1.01 0.00	42.48 0.43 0.00	37.56 0.39 0.00	42.60 0.60 0.00	42.55 0.48 0.00	48.29 0.79 0.00	57.31 1.43 0.00	63.76 2.50 0.00	56.63 2.57 0.00	60.10 2.73 0.00	63.70 2.86 0.00	62.52 2.88 0.00	53.05 2.29 0.00	48.98 2.04 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	51.96 1.51 0.00	50.52 1.62 0.00	50.35 1.49 0.00	48.29 1.36 0.00	54.12 1.54 0.00	45.93 1.34 0.00	51.40 1.49 0.00	68.40 2.10 0.00	69.30 1.82 0.00	50.16 0.83 0.00	43.33 0.43 0.00	42.66 0.61 0.00	37.85 0.68 0.00	42.74 0.74 0.00	43.09 1.01 0.00	48.76 1.26 0.00	57.57 1.68 0.00	63.52 2.26 0.00	56.02 1.95 0.00	59.44 2.07 0.00	63.05 2.21 0.00	61.56 1.92 0.00	52.33 1.58 0.00	48.34 1.40 0.00

LUTHERNY_35_KV_BK2 355980	51.97 1.52 0.00	50.53 1.64 0.00	50.36 1.49 0.00	48.29 1.36 0.00	54.14 1.57 0.00	45.94 1.35 0.00	51.44 1.54 0.00	68.45 2.14 0.00	69.36 1.88 0.00	50.21 0.88 0.00	43.35 0.45 0.00	42.69 0.63 0.00	37.87 0.70 0.00	42.76 0.76 0.00	43.13 1.06 0.00	48.78 1.28 0.00	57.61 1.72 0.00	63.56 2.29 0.00	56.05 1.99 0.00	59.48 2.10 0.00	63.06 2.22 0.00	61.60 1.96 0.00	52.39 1.63 0.00	48.39 1.44 0.00
LWR___OSWEGATCHIE_HYD 23850	52.45 2.01 0.00	50.67 1.78 0.00	50.72 1.85 0.00	48.73 1.80 0.00	54.59 2.01 0.00	46.33 1.74 0.00	52.00 2.09 0.00	68.91 2.61 0.00	70.18 2.70 0.00	51.01 1.68 0.00	43.98 1.08 0.00	42.62 0.57 0.00	37.78 0.61 0.00	42.73 0.72 0.00	42.77 0.69 0.00	48.39 0.90 0.00	57.30 1.41 0.00	63.63 2.37 0.00	56.46 2.40 0.00	59.95 2.58 0.00	63.51 2.67 0.00	62.47 2.83 0.00	53.09 2.34 0.00	49.16 2.22 0.00
LYONS_FALL_HYD 23570	51.99 1.54 0.00	50.36 1.47 0.00	50.39 1.53 0.00	48.44 1.51 0.00	54.25 1.67 0.00	46.04 1.45 0.00	51.66 1.75 0.00	68.68 2.38 0.00	69.85 2.37 0.00	50.78 1.45 0.00	43.86 0.95 0.00	42.64 0.59 0.00	37.65 0.48 0.00	42.73 0.72 0.00	42.69 0.61 0.00	48.36 0.86 0.00	57.22 1.33 0.00	63.42 2.17 0.00	56.19 2.13 0.00	59.60 2.23 0.00	63.20 2.36 0.00	61.96 2.32 0.00	52.61 1.85 0.00	48.56 1.62 0.00
MADISON___COUNTY_LFGE 323628	51.67 1.23 0.00	50.09 1.20 0.00	50.16 1.30 0.00	48.28 1.35 0.00	54.10 1.52 0.00	45.90 1.31 0.00	51.46 1.55 0.00	68.47 2.17 0.00	69.61 2.13 0.00	50.73 1.40 0.00	43.98 1.07 0.00	43.09 1.03 0.00	37.96 0.79 0.00	43.14 1.13 0.00	43.11 1.04 0.00	48.71 1.22 0.00	57.45 1.56 0.00	63.35 2.09 0.00	55.79 1.73 0.00	59.13 1.76 0.00	62.69 1.85 0.00	61.40 1.75 0.00	52.14 1.38 0.00	48.09 1.15 0.00
MALONE___115KV_TB1 356076	52.39 1.94 0.00	50.51 1.62 0.00	50.53 1.66 0.00	48.52 1.58 0.00	54.42 1.84 0.00	46.17 1.58 0.00	51.78 1.87 0.00	68.88 2.58 0.00	70.33 2.85 0.00	51.45 2.12 0.00	44.61 1.70 0.00	43.36 1.30 0.00	38.15 0.98 0.00	43.12 1.11 0.00	43.15 1.07 0.00	48.84 1.34 0.00	57.84 1.95 0.00	63.78 2.52 0.00	56.32 2.26 0.00	59.85 2.48 0.00	63.32 2.48 0.00	61.96 2.32 0.00	52.87 2.11 0.00	49.18 2.23 0.00
MAPLEWOD_115KV_TB3 80458	51.02 0.57 0.00	49.59 0.69 0.00	49.40 0.54 0.00	47.37 0.44 0.00	53.04 0.46 0.00	45.01 0.42 0.00	50.30 0.40 0.00	66.94 0.64 0.00	67.96 0.48 0.00	49.41 0.08 0.00	42.79 -0.12 0.00	42.02 -0.03 0.00	37.31 0.14 0.00	42.14 0.13 0.00	42.39 0.31 0.00	47.86 0.37 0.00	56.56 0.67 0.00	62.14 0.88 0.00	54.82 0.76 0.00	58.13 0.76 0.00	61.74 0.90 0.00	60.42 0.79 0.00	51.32 0.57 0.00	47.36 0.42 0.00
MAPLE_RIDGE_WT_1 323574	50.60 0.16 0.00	49.04 0.15 0.00	49.02 0.15 0.00	47.11 0.18 0.00	52.79 0.21 0.00	44.77 0.17 0.00	50.11 0.20 0.00	66.57 0.27 0.00	67.77 0.29 0.00	49.57 0.24 0.00	43.06 0.16 0.00	42.07 0.02 0.00	37.19 0.02 0.00	42.09 0.08 0.00	42.16 0.08 0.00	47.59 0.09 0.00	56.04 0.15 0.00	61.48 0.21 0.00	54.28 0.22 0.00	57.60 0.23 0.00	61.07 0.23 0.00	59.85 0.20 0.00	50.95 0.19 0.00	47.19 0.24 0.00
MAPLE_RIDGE_WT_2 323611	50.60 0.16 0.00	49.04 0.15 0.00	49.02 0.15 0.00	47.11 0.18 0.00	52.79 0.21 0.00	44.77 0.17 0.00	50.11 0.20 0.00	66.57 0.27 0.00	67.77 0.29 0.00	49.57 0.24 0.00	43.06 0.16 0.00	42.07 0.02 0.00	37.19 0.02 0.00	42.09 0.08 0.00	42.16 0.08 0.00	47.59 0.09 0.00	56.04 0.15 0.00	61.48 0.21 0.00	54.28 0.22 0.00	57.60 0.23 0.00	61.07 0.23 0.00	59.85 0.20 0.00	50.95 0.19 0.00	47.19 0.24 0.00
MARBLE_RIVER_WT_PWR 323696	51.35 0.90 0.00	49.63 0.74 0.00	49.63 0.75 0.00	47.65 0.71 0.00	53.39 0.81 0.00	45.30 0.70 0.00	50.70 0.79 0.00	67.41 1.11 0.00	68.68 1.20 0.00	50.27 0.94 0.00	43.62 0.71 0.00	42.46 0.41 0.00	37.43 0.25 0.00	42.34 0.33 0.00	42.47 0.40 0.00	48.16 0.67 0.00	56.70 0.81 0.00	62.33 1.08 0.00	54.97 0.91 0.00	58.45 1.08 0.00	61.87 1.03 0.00	60.53 0.89 0.00	51.74 0.99 0.00	48.13 1.19 0.00
MARSHVLE_115KV_TB1 80742	51.63 1.19 0.00	50.02 1.13 0.00	50.03 1.16 0.00	48.09 1.15 0.00	53.85 1.27 0.00	45.66 1.06 0.00	51.18 1.28 0.00	68.02 1.72 0.00	68.91 1.43 0.00	49.93 0.60 0.00	43.42 0.51 0.00	42.53 0.48 0.00	37.70 0.53 0.00	42.59 0.59 0.00	42.73 0.65 0.00	48.43 0.93 0.00	56.62 0.73 0.00	62.49 1.22 0.00	55.37 1.31 0.00	58.75 1.38 0.00	62.35 1.51 0.00	61.21 1.57 0.00	52.04 1.28 0.00	48.07 1.13 0.00
MARSH_HILL_WT_PWR 323713	50.91 0.47 0.00	48.93 0.04 0.00	49.19 0.32 0.00	47.38 0.45 0.00	53.22 0.63 0.00	45.02 0.43 0.00	50.28 0.37 0.00	66.74 0.44 0.00	68.71 1.22 0.00	50.12 0.79 0.00	44.20 1.29 0.00	42.99 0.94 0.00	38.50 1.32 0.00	42.97 0.97 0.00	42.67 0.59 0.00	48.63 1.14 0.00	56.67 0.78 0.00	61.38 0.12 0.00	54.17 0.11 0.00	57.89 0.52 0.00	61.21 0.37 0.00	60.19 0.54 0.00	51.24 0.48 0.00	47.39 0.44 0.00
MCINTYRE_115KV_TB2 80467	53.37 2.93 0.00	51.46 2.56 0.00	51.51 2.64 0.00	49.47 2.54 0.00	55.50 2.92 0.00	47.09 2.49 0.00	52.92 3.02 0.00	70.34 4.04 0.00	71.57 4.09 0.00	51.93 2.61 0.00	44.94 2.03 0.00	43.67 1.62 0.00	38.52 1.35 0.00	43.42 1.42 0.00	43.55 1.47 0.00	48.96 1.46 0.00	58.50 2.61 0.00	64.83 3.57 0.00	57.43 3.37 0.00	61.05 3.68 0.00	64.54 3.70 0.00	63.21 3.57 0.00	53.79 3.03 0.00	50.01 3.07 0.00
MECO_____69_KV_BK1 80468	52.51 2.07 0.00	50.87 1.98 0.00	50.80 1.93 0.00	48.80 1.87 0.00	54.66 2.08 0.00	46.35 1.76 0.00	51.99 2.08 0.00	69.19 2.89 0.00	69.85 2.37 0.00	49.88 0.56 0.00	43.05 0.14 0.00	42.33 0.28 0.00	37.79 0.62 0.00	42.70 0.70 0.00	42.84 0.77 0.00	48.08 0.58 0.00	56.79 0.90 0.00	63.51 2.24 0.00	56.58 2.52 0.00	60.02 2.65 0.00	63.68 2.85 0.00	62.38 2.74 0.00	52.98 2.22 0.00	48.86 1.92 0.00
MENANDS___115KV_TB5 355628	50.77 0.33 0.00	49.35 0.46 0.00	49.17 0.30 0.00	47.14 0.21 0.00	52.79 0.21 0.00	44.80 0.21 0.00	50.06 0.15 0.00	66.61 0.31 0.00	67.62 0.14 0.00	49.19 -0.14 0.00	42.62 -0.29 0.00	41.85 -0.20 0.00	37.16 -0.01 0.00	41.96 -0.04 0.00	42.22 0.15 0.00	47.66 0.17 0.00	56.33 0.44 0.00	61.83 0.57 0.00	54.51 0.45 0.00	57.80 0.43 0.00	61.42 0.58 0.00	60.11 0.47 0.00	51.05 0.29 0.00	47.12 0.17 0.00
MG INDUSTRY___DRP 24185	50.95 0.50 0.00	49.51 0.62 0.00	49.41 0.54 0.00	47.41 0.48 0.00	53.09 0.51 0.00	44.98 0.38 0.00	50.23 0.32 0.00	66.77 0.47 0.00	67.74 0.26 0.00	49.19 -0.14 0.00	42.66 -0.25 0.00	41.95 -0.10 0.00	37.26 0.09 0.00	42.08 0.08 0.00	42.29 0.21 0.00	47.81 0.31 0.00	56.40 0.51 0.00	61.84 0.58 0.00	54.56 0.50 0.00	57.83 0.46 0.00	61.44 0.60 0.00	60.20 0.56 0.00	51.17 0.40 0.00	47.21 0.27 0.00

MID___OSWEGATCHIE_HYD 23849	52.45 2.01 0.00	50.67 1.78 0.00	50.72 1.85 0.00	48.73 1.80 0.00	54.59 2.01 0.00	46.33 1.74 0.00	52.00 2.09 0.00	68.91 2.61 0.00	70.18 2.70 0.00	51.01 1.68 0.00	43.98 1.08 0.00	42.62 0.57 0.00	37.78 0.61 0.00	42.73 0.72 0.00	42.77 0.69 0.00	48.39 0.90 0.00	57.30 1.41 0.00	63.63 2.37 0.00	56.46 2.40 0.00	59.95 2.58 0.00	63.51 2.67 0.00	62.47 2.83 0.00	53.09 2.34 0.00	49.16 2.22 0.00
MID___RAQUETTE_HYD 23851	52.73 2.28 0.00	50.86 1.97 0.00	50.90 2.03 0.00	48.89 1.96 0.00	54.83 2.25 0.00	46.51 1.92 0.00	52.22 2.31 0.00	69.34 3.04 0.00	70.69 3.21 0.00	51.50 2.17 0.00	44.57 1.66 0.00	43.30 1.26 0.00	38.25 1.07 0.00	43.18 1.18 0.00	43.21 1.14 0.00	48.78 1.28 0.00	57.90 2.01 0.00	64.03 2.77 0.00	56.67 2.61 0.00	60.20 2.83 0.00	63.70 2.86 0.00	62.47 2.83 0.00	53.17 2.41 0.00	49.41 2.47 0.00
MILLIKEN___1 23584	51.04 0.60 0.00	49.36 0.47 0.00	49.47 0.60 0.00	47.55 0.62 0.00	53.29 0.71 0.00	45.23 0.63 0.00	50.61 0.70 0.00	67.29 0.99 0.00	68.50 1.02 0.00	49.99 0.66 0.00	43.40 0.49 0.00	42.52 0.47 0.00	37.67 0.50 0.00	42.64 0.64 0.00	42.56 0.48 0.00	48.11 0.62 0.00	56.68 0.79 0.00	62.09 0.83 0.00	54.86 0.80 0.00	58.24 0.87 0.00	61.70 0.86 0.00	60.46 0.82 0.00	51.40 0.64 0.00	47.41 0.47 0.00
MILLIKEN___2 23585	51.04 0.60 0.00	49.36 0.47 0.00	49.47 0.60 0.00	47.55 0.62 0.00	53.29 0.71 0.00	45.23 0.63 0.00	50.61 0.70 0.00	67.29 0.99 0.00	68.50 1.02 0.00	49.99 0.66 0.00	43.40 0.49 0.00	42.52 0.47 0.00	37.67 0.50 0.00	42.64 0.64 0.00	42.56 0.48 0.00	48.11 0.62 0.00	56.68 0.79 0.00	62.09 0.83 0.00	54.86 0.80 0.00	58.24 0.87 0.00	61.70 0.86 0.00	60.46 0.82 0.00	51.40 0.64 0.00	47.41 0.47 0.00
MILLIKEN___DIESEL 23629	51.04 0.60 0.00	49.36 0.47 0.00	49.47 0.60 0.00	47.55 0.62 0.00	53.29 0.71 0.00	45.23 0.63 0.00	50.61 0.70 0.00	67.29 0.99 0.00	68.50 1.02 0.00	49.99 0.66 0.00	43.40 0.49 0.00	42.52 0.47 0.00	37.67 0.50 0.00	42.64 0.64 0.00	42.56 0.48 0.00	48.11 0.62 0.00	56.68 0.79 0.00	62.09 0.83 0.00	54.86 0.80 0.00	58.24 0.87 0.00	61.70 0.86 0.00	60.46 0.82 0.00	51.40 0.64 0.00	47.41 0.47 0.00
MILLSEAT___LFGE 323607	48.35 0.02 2.12	46.35 -0.73 1.81	47.23 -0.29 1.35	45.20 -0.16 1.57	51.37 0.10 1.31	44.13 0.13 0.59	49.06 0.25 1.10	63.80 -0.46 2.04	66.41 0.10 1.17	49.65 0.71 0.40	44.17 1.26 0.00	43.43 1.38 0.00	38.01 0.83 0.00	43.01 1.01 0.00	42.23 0.56 0.40	47.74 0.99 0.74	55.86 0.28 0.30	60.54 -0.69 0.03	53.58 -0.48 0.00	57.10 -0.25 0.02	59.49 -0.61 0.73	58.26 -0.28 1.10	49.38 -0.06 1.33	46.62 0.17 0.49
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	52.49 2.04 0.00	50.86 1.97 0.00	50.71 1.84 0.00	48.62 1.69 0.00	54.40 1.82 0.00	46.19 1.60 0.00	51.44 1.53 0.00	68.49 2.19 0.00	69.66 2.18 0.00	51.20 1.86 0.00	44.71 1.81 0.00	43.94 1.89 0.00	38.82 1.64 0.00	43.85 1.85 0.00	43.99 1.92 0.00	49.41 1.92 0.00	57.82 1.93 0.00	62.99 1.73 0.00	55.65 1.59 0.00	58.92 1.55 0.00	62.52 1.68 0.00	61.50 1.86 0.00	52.32 1.56 0.00	48.06 1.12 0.00
MILLWOOD_13_KV_LOAD 356217	52.60 2.16 0.00	50.97 2.08 0.00	50.80 1.93 0.00	48.71 1.78 0.00	54.51 1.93 0.00	46.29 1.69 0.00	51.56 1.66 0.00	68.65 2.34 0.00	69.83 2.34 0.00	51.30 1.98 0.00	44.81 1.90 0.00	44.02 1.97 0.00	38.88 1.71 0.00	43.92 1.92 0.00	44.09 2.02 0.00	49.54 2.04 0.00	57.97 2.08 0.00	63.16 1.90 0.00	55.80 1.74 0.00	59.07 1.70 0.00	62.66 1.82 0.00	61.65 2.01 0.00	52.43 1.67 0.00	48.17 1.23 0.00
MODEL_CITY_ENERGY 24167	46.67 -1.25 2.52	44.74 -1.99 2.16	45.78 -1.48 1.61	43.76 -1.29 1.87	49.87 -1.14 1.57	43.02 -0.87 0.71	47.65 -0.95 1.31	61.64 -2.22 2.44	64.49 -1.59 1.40	48.65 -0.20 0.47	43.52 0.61 0.00	42.86 0.81 0.00	37.64 0.46 0.00	42.40 0.40 0.00	41.48 -0.11 0.48	46.60 -0.01 0.88	54.23 -1.30 0.36	58.57 -2.66 0.04	51.81 -2.25 0.00	55.25 -2.09 0.03	57.40 -2.57 0.88	56.23 -2.10 1.32	47.70 -1.48 1.58	45.42 -0.94 0.59
MODERN_LFGE___ 323580	46.67 -1.25 2.52	44.74 -1.99 2.16	45.78 -1.48 1.61	43.76 -1.29 1.87	49.87 -1.14 1.57	43.02 -0.87 0.71	47.65 -0.95 1.31	61.64 -2.22 2.44	64.49 -1.59 1.40	48.65 -0.20 0.47	43.52 0.61 0.00	42.86 0.81 0.00	37.64 0.46 0.00	42.40 0.40 0.00	41.48 -0.11 0.48	46.60 -0.01 0.88	54.23 -1.30 0.36	58.57 -2.66 0.04	51.81 -2.25 0.00	55.25 -2.09 0.03	57.40 -2.57 0.88	56.23 -2.10 1.32	47.70 -1.48 1.58	45.42 -0.94 0.59
MOHAWK_PAPER___DRP 24187	51.02 0.57 0.00	49.59 0.69 0.00	49.40 0.54 0.00	47.37 0.44 0.00	53.04 0.46 0.00	45.01 0.42 0.00	50.30 0.40 0.00	66.94 0.64 0.00	67.96 0.48 0.00	49.41 0.08 0.00	42.79 -0.12 0.00	42.02 -0.03 0.00	37.31 0.14 0.00	42.14 0.13 0.00	42.39 0.31 0.00	47.86 0.37 0.00	56.56 0.67 0.00	62.14 0.88 0.00	54.82 0.76 0.00	58.13 0.76 0.00	61.74 0.90 0.00	60.42 0.79 0.00	51.32 0.57 0.00	47.36 0.42 0.00
MOHICAN___35_KV_115KV_LD 80490	52.02 1.57 0.00	50.66 1.77 0.00	50.46 1.59 0.00	48.43 1.49 0.00	54.31 1.73 0.00	46.02 1.43 0.00	51.73 1.82 0.00	68.80 2.50 0.00	69.58 2.10 0.00	50.05 0.72 0.00	43.07 0.16 0.00	42.52 0.47 0.00	37.79 0.62 0.00	42.65 0.65 0.00	43.13 1.05 0.00	48.96 1.47 0.00	57.84 1.95 0.00	64.00 2.74 0.00	56.38 2.32 0.00	59.92 2.55 0.00	63.48 2.65 0.00	61.66 2.02 0.00	52.42 1.66 0.00	48.52 1.58 0.00
MONGAUP___HYD 23641	52.83 2.39 0.00	51.21 2.31 0.00	51.09 2.22 0.00	49.00 2.06 0.00	54.84 2.26 0.00	46.54 1.94 0.00	51.91 2.00 0.00	69.11 2.81 0.00	70.13 2.65 0.00	51.31 1.98 0.00	44.62 1.71 0.00	43.44 1.39 0.00	38.40 1.23 0.00	43.88 1.88 0.00	43.84 1.77 0.00	49.59 2.09 0.00	58.25 2.36 0.00	63.68 2.41 0.00	56.35 2.29 0.00	59.68 2.31 0.00	63.34 2.50 0.00	62.27 2.63 0.00	52.92 2.16 0.00	48.62 1.68 0.00
MONTAUK___DIESEL 23721	-5.06 1.36 56.86	23.56 1.30 26.62	32.52 1.05 17.40	22.78 0.64 24.79	-13.52 -0.03 66.07	6.20 0.17 38.56	11.43 0.17 38.65	11.75 0.51 55.07	12.34 1.08 56.21	14.88 1.29 35.74	36.01 2.16 9.06	36.26 2.09 7.89	38.62 1.67 0.23	36.09 1.73 7.64	43.28 2.13 0.92	47.04 2.13 2.58	46.07 2.35 12.17	64.15 2.89 0.00	29.75 2.23 26.53	31.47 2.29 28.19	44.16 1.79 18.46	47.37 2.40 14.67	48.49 1.98 4.25	45.35 1.31 2.90
MOONROAD_115KV_HARTFLD_TB1-2 355988	51.01 0.57 0.00	48.81 -0.08 0.00	49.25 0.39 0.00	47.44 0.50 0.00	53.50 0.92 0.00	45.31 0.71 0.00	50.80 0.89 0.00	66.94 0.64 0.00	68.56 1.07 0.00	50.88 1.55 0.00	44.83 1.92 0.00	44.14 2.09 0.00	38.90 1.72 0.00	43.72 1.72 0.00	43.12 1.05 0.00	48.99 1.49 0.00	56.87 0.98 0.00	61.22 -0.04 0.00	54.28 0.22 0.00	57.79 0.42 0.00	61.21 0.38 0.00	60.38 0.74 0.00	51.59 0.83 0.00	47.67 0.73 0.00

MORRIS_RIDGE___SOLAR 323848	50.33 -0.11 0.00	48.30 -0.59 0.00	48.67 -0.19 0.00	46.84 -0.09 0.00	52.67 0.09 0.00	44.57 -0.02 0.00	49.84 -0.07 0.00	65.74 -0.56 0.00	66.75 -0.73 0.00	48.77 -0.56 0.00	42.77 -0.14 0.00	42.43 0.38 0.00	37.11 -0.06 0.00	42.43 0.42 0.00	42.13 0.06 0.00	48.02 0.53 0.00	55.80 -0.09 0.00	60.34 -0.92 0.00	53.36 -0.70 0.00	56.89 -0.48 0.00	60.23 -0.61 0.00	59.30 -0.34 0.00	50.61 -0.15 0.00	46.85 -0.10 0.00
MORTIMER_115KV_TB3 55949	50.18 -0.27 0.00	48.17 -0.72 0.00	48.37 -0.50 0.00	46.52 -0.41 0.00	52.26 -0.32 0.00	44.29 -0.30 0.00	49.66 -0.25 0.00	65.59 -0.71 0.00	67.07 -0.41 0.00	49.40 0.08 0.00	43.35 0.44 0.00	42.68 0.63 0.00	37.57 0.40 0.00	42.36 0.36 0.00	42.25 0.17 0.00	47.87 0.37 0.00	55.88 -0.01 0.00	60.83 -0.43 0.00	53.76 -0.30 0.00	57.19 -0.18 0.00	60.42 -0.42 0.00	59.36 -0.28 0.00	50.55 -0.21 0.00	46.72 -0.22 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	52.74 2.30 0.00	51.08 2.19 0.00	50.90 2.03 0.00	48.81 1.88 0.00	54.62 2.04 0.00	46.40 1.81 0.00	51.69 1.79 0.00	68.81 2.51 0.00	69.98 2.50 0.00	51.47 2.14 0.00	45.00 2.09 0.00	44.20 2.15 0.00	39.03 1.86 0.00	44.10 2.10 0.00	44.25 2.18 0.00	49.68 2.19 0.00	58.12 2.23 0.00	63.28 2.02 0.00	55.95 1.89 0.00	59.21 1.84 0.00	62.82 1.98 0.00	61.80 2.16 0.00	52.56 1.81 0.00	48.28 1.34 0.00
MUNSVILLE_WIND_PWR 323609	54.24 3.05 -0.74	52.52 2.99 -0.63	52.51 3.17 -0.47	50.38 2.90 -0.55	56.35 3.31 -0.46	47.64 2.84 -0.21	53.58 3.28 -0.38	71.74 4.73 -0.71	72.49 4.60 -0.41	52.32 2.85 -0.14	45.08 2.17 0.00	44.31 2.26 0.00	39.16 1.98 0.00	44.59 2.59 0.00	44.77 2.55 -0.14	50.76 3.01 -0.26	59.96 3.96 -0.10	65.87 4.60 -0.01	58.26 4.20 0.00	61.74 4.36 -0.01	65.57 4.47 -0.25	64.35 4.32 -0.39	54.71 3.49 -0.46	50.07 2.96 -0.17
N SALMON___HYD 24042	52.39 1.94 0.00	50.51 1.62 0.00	50.53 1.66 0.00	48.52 1.59 0.00	54.42 1.84 0.00	46.17 1.58 0.00	51.78 1.87 0.00	68.88 2.58 0.00	70.34 2.85 0.00	51.45 2.12 0.00	44.61 1.70 0.00	43.36 1.30 0.00	38.15 0.98 0.00	43.12 1.11 0.00	43.15 1.07 0.00	48.83 1.34 0.00	57.84 1.95 0.00	63.78 2.52 0.00	56.32 2.26 0.00	59.85 2.48 0.00	63.32 2.49 0.00	61.96 2.32 0.00	52.87 2.11 0.00	49.18 2.23 0.00
N.AKRON__115KV_KNAPP 355671	50.28 -0.16 0.00	47.94 -0.96 0.00	48.36 -0.52 0.00	46.57 -0.35 0.00	52.47 -0.12 0.00	44.56 -0.04 0.00	49.95 0.04 0.00	65.53 -0.77 0.00	67.28 -0.20 0.00	49.94 0.61 0.00	44.16 1.25 0.00	43.40 1.36 0.00	38.03 0.86 0.00	42.99 0.99 0.00	42.57 0.50 0.00	48.35 0.86 0.00	55.88 -0.01 0.00	60.20 -1.06 0.00	53.25 -0.81 0.00	56.80 -0.57 0.00	59.88 -0.96 0.00	59.05 -0.60 0.00	50.46 -0.30 0.00	46.95 0.00 0.00
N.E_GEN_SANDY PD 24062	51.10 0.66 0.00	49.68 0.79 0.00	49.36 0.49 0.00	47.28 0.35 0.00	52.92 0.34 0.00	45.31 0.46 -0.25	51.04 0.46 -0.66	67.11 0.80 0.00	68.05 0.57 0.00	49.72 0.07 -0.31	42.14 -0.27 0.50	41.80 -0.25 0.00	35.52 -0.10 1.56	41.74 -0.08 0.17	42.29 0.21 0.00	47.67 0.29 0.11	56.34 0.79 0.34	62.70 1.17 -0.26	55.91 0.86 -0.98	58.33 0.96 0.00	62.44 1.13 -0.47	60.50 0.86 0.00	51.39 0.63 0.00	47.60 0.61 -0.05
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	52.56 2.12 0.00	50.91 2.02 0.00	50.77 1.90 0.00	48.71 1.78 0.00	54.48 1.90 0.00	46.27 1.68 0.00	51.54 1.63 0.00	68.62 2.32 0.00	69.76 2.28 0.00	51.24 1.91 0.00	44.76 1.85 0.00	43.99 1.94 0.00	38.90 1.73 0.00	43.94 1.94 0.00	44.08 2.00 0.00	49.50 2.01 0.00	57.92 2.03 0.00	63.10 1.84 0.00	55.75 1.69 0.00	59.03 1.67 0.00	62.64 1.80 0.00	61.63 1.99 0.00	52.42 1.66 0.00	48.15 1.21 0.00
N.QUEENS_27_KV_LOAD 356247	52.44 2.00 0.00	49.75 1.87 1.02	42.01 1.74 8.60	35.66 1.64 12.90	35.66 1.75 18.67	41.20 1.60 5.00	51.59 1.68 0.00	68.71 2.40 0.00	70.02 2.54 0.00	51.61 2.28 0.00	45.14 2.23 0.00	44.26 2.21 0.00	39.07 1.89 0.00	44.09 2.09 0.00	44.28 2.21 0.00	49.63 2.14 0.00	58.03 2.14 0.00	63.17 1.91 0.00	55.83 1.78 0.01	59.08 1.72 0.01	62.63 1.80 0.01	61.63 1.99 0.01	52.46 1.70 0.00	48.06 1.13 0.01
N.TROY___115KV_TB1 355778	51.27 0.83 0.00	49.83 0.94 0.00	49.62 0.75 0.00	47.56 0.64 0.00	53.27 0.69 0.00	45.27 0.68 0.00	50.60 0.69 0.00	67.37 1.07 0.00	68.34 0.86 0.00	49.61 0.29 0.00	42.89 -0.02 0.00	42.12 0.07 0.00	37.36 0.19 0.00	42.23 0.23 0.00	42.53 0.46 0.00	48.07 0.58 0.00	56.86 0.97 0.00	62.57 1.31 0.00	55.14 1.08 0.00	58.51 1.14 0.00	62.14 1.30 0.00	60.73 1.09 0.00	51.60 0.85 0.00	47.70 0.76 0.00
NARROWS_GT1_1 24228	52.89 2.45 0.00	51.19 2.30 0.00	51.00 2.14 0.00	48.89 1.96 0.00	54.73 2.15 0.00	46.55 1.96 0.00	51.96 2.06 0.00	69.08 2.78 0.00	70.20 2.72 0.00	51.64 2.31 0.00	45.11 2.20 0.00	44.33 2.28 0.00	39.14 1.97 0.00	44.20 2.20 0.00	44.38 2.30 0.00	49.78 2.28 0.00	58.22 2.33 0.00	63.40 2.14 0.00	56.08 2.02 0.00	59.37 2.00 0.00	62.97 2.13 0.00	61.97 2.33 0.00	52.77 2.01 0.00	48.40 1.46 0.00
NARROWS_GT1_2 24229	52.89 2.45 0.00	51.19 2.30 0.00	51.00 2.14 0.00	48.89 1.96 0.00	54.73 2.15 0.00	46.55 1.96 0.00	51.96 2.06 0.00	69.08 2.78 0.00	70.20 2.72 0.00	51.64 2.31 0.00	45.11 2.20 0.00	44.33 2.28 0.00	39.14 1.97 0.00	44.20 2.20 0.00	44.38 2.30 0.00	49.78 2.28 0.00	58.22 2.33 0.00	63.40 2.14 0.00	56.08 2.02 0.00	59.37 2.00 0.00	62.97 2.13 0.00	61.97 2.33 0.00	52.77 2.01 0.00	48.40 1.46 0.00
NARROWS_GT1_3 24230	52.89 2.45 0.00	51.19 2.30 0.00	51.00 2.14 0.00	48.89 1.96 0.00	54.73 2.15 0.00	46.55 1.96 0.00	51.96 2.06 0.00	69.08 2.78 0.00	70.20 2.72 0.00	51.64 2.31 0.00	45.11 2.20 0.00	44.33 2.28 0.00	39.14 1.97 0.00	44.20 2.20 0.00	44.38 2.30 0.00	49.78 2.28 0.00	58.22 2.33 0.00	63.40 2.14 0.00	56.08 2.02 0.00	59.37 2.00 0.00	62.97 2.13 0.00	61.97 2.33 0.00	52.77 2.01 0.00	48.40 1.46 0.00
NARROWS_GT1_4 24231	52.89 2.45 0.00	51.19 2.30 0.00	51.00 2.14 0.00	48.89 1.96 0.00	54.73 2.15 0.00	46.55 1.96 0.00	51.96 2.06 0.00	69.08 2.78 0.00	70.20 2.72 0.00	51.64 2.31 0.00	45.11 2.20 0.00	44.33 2.28 0.00	39.14 1.97 0.00	44.20 2.20 0.00	44.38 2.30 0.00	49.78 2.28 0.00	58.22 2.33 0.00	63.40 2.14 0.00	56.08 2.02 0.00	59.37 2.00 0.00	62.97 2.13 0.00	61.97 2.33 0.00	52.77 2.01 0.00	48.40 1.46 0.00
NARROWS_GT1_5 24232	52.89 2.45 0.00	51.19 2.30 0.00	51.00 2.14 0.00	48.89 1.96 0.00	54.73 2.15 0.00	46.55 1.96 0.00	51.96 2.06 0.00	69.08 2.78 0.00	70.20 2.72 0.00	51.64 2.31 0.00	45.11 2.20 0.00	44.33 2.28 0.00	39.14 1.97 0.00	44.20 2.20 0.00	44.38 2.30 0.00	49.78 2.28 0.00	58.22 2.33 0.00	63.40 2.14 0.00	56.08 2.02 0.00	59.37 2.00 0.00	62.97 2.13 0.00	61.97 2.33 0.00	52.77 2.01 0.00	48.40 1.46 0.00

NARROWS_GT1_6 24233	52.89 2.45 0.00	51.19 2.30 0.00	51.00 2.14 0.00	48.89 1.96 0.00	54.73 2.15 0.00	46.55 1.96 0.00	51.96 2.06 0.00	69.08 2.78 0.00	70.20 2.72 0.00	51.64 2.31 0.00	45.11 2.20 0.00	44.33 2.28 0.00	39.14 1.97 0.00	44.20 2.20 0.00	44.38 2.30 0.00	49.78 2.28 0.00	58.22 2.33 0.00	63.40 2.14 0.00	56.08 2.02 0.00	59.37 2.00 0.00	62.97 2.13 0.00	61.97 2.33 0.00	52.77 2.01 0.00	48.40 1.46 0.00
NARROWS_GT1_7 24234	52.89 2.45 0.00	51.19 2.30 0.00	51.00 2.14 0.00	48.89 1.96 0.00	54.73 2.15 0.00	46.55 1.96 0.00	51.96 2.06 0.00	69.08 2.78 0.00	70.20 2.72 0.00	51.64 2.31 0.00	45.11 2.20 0.00	44.33 2.28 0.00	39.14 1.97 0.00	44.20 2.20 0.00	44.38 2.30 0.00	49.78 2.28 0.00	58.22 2.33 0.00	63.40 2.14 0.00	56.08 2.02 0.00	59.37 2.00 0.00	62.97 2.13 0.00	61.97 2.33 0.00	52.77 2.01 0.00	48.40 1.46 0.00
NARROWS_GT1_8 24235	52.89 2.45 0.00	51.19 2.30 0.00	51.00 2.14 0.00	48.89 1.96 0.00	54.73 2.15 0.00	46.55 1.96 0.00	51.96 2.06 0.00	69.08 2.78 0.00	70.20 2.72 0.00	51.64 2.31 0.00	45.11 2.20 0.00	44.33 2.28 0.00	39.14 1.97 0.00	44.20 2.20 0.00	44.38 2.30 0.00	49.78 2.28 0.00	58.22 2.33 0.00	63.40 2.14 0.00	56.08 2.02 0.00	59.37 2.00 0.00	62.97 2.13 0.00	61.97 2.33 0.00	52.77 2.01 0.00	48.40 1.46 0.00
NARROWS_GT2_1 24236	52.89 2.45 0.00	51.19 2.30 0.00	51.00 2.14 0.00	48.89 1.96 0.00	54.73 2.15 0.00	46.55 1.96 0.00	51.96 2.06 0.00	69.08 2.78 0.00	70.20 2.72 0.00	51.64 2.31 0.00	45.11 2.20 0.00	44.33 2.28 0.00	39.14 1.97 0.00	44.20 2.20 0.00	44.38 2.30 0.00	49.78 2.28 0.00	58.22 2.33 0.00	63.40 2.14 0.00	56.08 2.02 0.00	59.37 2.00 0.00	62.97 2.13 0.00	61.97 2.33 0.00	52.77 2.01 0.00	48.40 1.46 0.00
NARROWS_GT2_2 24237	52.89 2.45 0.00	51.19 2.30 0.00	51.00 2.14 0.00	48.89 1.96 0.00	54.73 2.15 0.00	46.55 1.96 0.00	51.96 2.06 0.00	69.08 2.78 0.00	70.20 2.72 0.00	51.64 2.31 0.00	45.11 2.20 0.00	44.33 2.28 0.00	39.14 1.97 0.00	44.20 2.20 0.00	44.38 2.30 0.00	49.78 2.28 0.00	58.22 2.33 0.00	63.40 2.14 0.00	56.08 2.02 0.00	59.37 2.00 0.00	62.97 2.13 0.00	61.97 2.33 0.00	52.77 2.01 0.00	48.40 1.46 0.00
NARROWS_GT2_3 24238	52.89 2.45 0.00	51.19 2.30 0.00	51.00 2.14 0.00	48.89 1.96 0.00	54.73 2.15 0.00	46.55 1.96 0.00	51.96 2.06 0.00	69.08 2.78 0.00	70.20 2.72 0.00	51.64 2.31 0.00	45.11 2.20 0.00	44.33 2.28 0.00	39.14 1.97 0.00	44.20 2.20 0.00	44.38 2.30 0.00	49.78 2.28 0.00	58.22 2.33 0.00	63.40 2.14 0.00	56.08 2.02 0.00	59.37 2.00 0.00	62.97 2.13 0.00	61.97 2.33 0.00	52.77 2.01 0.00	48.40 1.46 0.00
NARROWS_GT2_4 24239	52.89 2.45 0.00	51.19 2.30 0.00	51.00 2.14 0.00	48.89 1.96 0.00	54.73 2.15 0.00	46.55 1.96 0.00	51.96 2.06 0.00	69.08 2.78 0.00	70.20 2.72 0.00	51.64 2.31 0.00	45.11 2.20 0.00	44.33 2.28 0.00	39.14 1.97 0.00	44.20 2.20 0.00	44.38 2.30 0.00	49.78 2.28 0.00	58.22 2.33 0.00	63.40 2.14 0.00	56.08 2.02 0.00	59.37 2.00 0.00	62.97 2.13 0.00	61.97 2.33 0.00	52.77 2.01 0.00	48.40 1.46 0.00
NARROWS_GT2_5 24240	52.89 2.45 0.00	51.19 2.30 0.00	51.00 2.14 0.00	48.89 1.96 0.00	54.73 2.15 0.00	46.55 1.96 0.00	51.96 2.06 0.00	69.08 2.78 0.00	70.20 2.72 0.00	51.64 2.31 0.00	45.11 2.20 0.00	44.33 2.28 0.00	39.14 1.97 0.00	44.20 2.20 0.00	44.38 2.30 0.00	49.78 2.28 0.00	58.22 2.33 0.00	63.40 2.14 0.00	56.08 2.02 0.00	59.37 2.00 0.00	62.97 2.13 0.00	61.97 2.33 0.00	52.77 2.01 0.00	48.40 1.46 0.00
NARROWS_GT2_6 24241	52.89 2.45 0.00	51.19 2.30 0.00	51.00 2.14 0.00	48.89 1.96 0.00	54.73 2.15 0.00	46.55 1.96 0.00	51.96 2.06 0.00	69.08 2.78 0.00	70.20 2.72 0.00	51.64 2.31 0.00	45.11 2.20 0.00	44.33 2.28 0.00	39.14 1.97 0.00	44.20 2.20 0.00	44.38 2.30 0.00	49.78 2.28 0.00	58.22 2.33 0.00	63.40 2.14 0.00	56.08 2.02 0.00	59.37 2.00 0.00	62.97 2.13 0.00	61.97 2.33 0.00	52.77 2.01 0.00	48.40 1.46 0.00
NARROWS_GT2_7 24242	52.89 2.45 0.00	51.19 2.30 0.00	51.00 2.14 0.00	48.89 1.96 0.00	54.73 2.15 0.00	46.55 1.96 0.00	51.96 2.06 0.00	69.08 2.78 0.00	70.20 2.72 0.00	51.64 2.31 0.00	45.11 2.20 0.00	44.33 2.28 0.00	39.14 1.97 0.00	44.20 2.20 0.00	44.38 2.30 0.00	49.78 2.28 0.00	58.22 2.33 0.00	63.40 2.14 0.00	56.08 2.02 0.00	59.37 2.00 0.00	62.97 2.13 0.00	61.97 2.33 0.00	52.77 2.01 0.00	48.40 1.46 0.00
NARROWS_GT2_8 24243	52.89 2.45 0.00	51.19 2.30 0.00	51.00 2.14 0.00	48.89 1.96 0.00	54.73 2.15 0.00	46.55 1.96 0.00	51.96 2.06 0.00	69.08 2.78 0.00	70.20 2.72 0.00	51.64 2.31 0.00	45.11 2.20 0.00	44.33 2.28 0.00	39.14 1.97 0.00	44.20 2.20 0.00	44.38 2.30 0.00	49.78 2.28 0.00	58.22 2.33 0.00	63.40 2.14 0.00	56.08 2.02 0.00	59.37 2.00 0.00	62.97 2.13 0.00	61.97 2.33 0.00	52.77 2.01 0.00	48.40 1.46 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	51.43 0.99 0.00	49.97 1.07 0.00	49.82 0.95 0.00	47.78 0.85 0.00	54.12 1.53 0.00	46.17 1.57 0.00	50.79 0.88 0.00	67.69 1.39 0.00	68.69 1.21 0.00	49.53 0.20 0.00	42.72 -0.18 0.00	41.93 -0.12 0.00	37.43 0.26 0.00	42.31 0.30 0.00	42.58 0.51 0.00	48.31 0.81 0.00	57.18 1.29 0.00	62.81 1.55 0.00	55.61 1.54 0.00	58.93 1.56 0.00	62.54 1.70 0.00	61.14 1.50 0.00	51.87 1.11 0.00	47.79 0.85 0.00
NCHELSEA_115KV_TR2 355582	52.69 2.24 0.00	51.08 2.19 0.00	50.95 2.08 0.00	48.87 1.94 0.00	54.66 2.08 0.00	46.40 1.81 0.00	51.71 1.80 0.00	68.86 2.56 0.00	70.04 2.56 0.00	51.38 2.05 0.00	44.78 1.87 0.00	43.95 1.90 0.00	38.88 1.71 0.00	44.02 2.02 0.00	44.21 2.13 0.00	49.74 2.24 0.00	58.27 2.38 0.00	63.55 2.29 0.00	56.15 2.09 0.00	59.44 2.07 0.00	63.07 2.24 0.00	62.04 2.40 0.00	52.75 1.99 0.00	48.46 1.52 0.00
NEG CAPITAL___MECHNVIL 23645	52.01 1.57 0.00	50.56 1.67 0.00	50.38 1.51 0.00	48.31 1.38 0.00	54.13 1.55 0.00	45.95 1.35 0.00	51.44 1.53 0.00	68.45 2.15 0.00	69.39 1.92 0.00	50.23 0.90 0.00	43.40 0.49 0.00	42.73 0.68 0.00	37.91 0.74 0.00	42.81 0.80 0.00	43.16 1.09 0.00	48.81 1.32 0.00	57.68 1.79 0.00	63.64 2.38 0.00	56.11 2.05 0.00	59.52 2.15 0.00	63.16 2.32 0.00	61.67 2.03 0.00	52.39 1.63 0.00	48.41 1.47 0.00
NEG CENTRAL_HIGH_ACRES 23767	48.38 -1.34 0.73	46.61 -1.66 0.62	46.91 -1.50 0.46	45.03 -1.36 0.54	50.71 -1.42 0.45	43.18 -1.21 0.20	48.24 -1.29 0.38	63.63 -1.97 0.70	65.31 -1.77 0.40	48.15 -1.04 0.13	42.29 -0.62 0.00	41.59 -0.47 0.00	36.68 -0.49 0.00	41.36 -0.64 0.00	41.12 -0.81 0.14	46.46 -0.78 0.25	54.58 -1.21 0.10	59.64 -1.61 0.01	52.70 -1.37 0.00	56.00 -1.36 0.01	58.93 -1.65 0.25	57.71 -1.55 0.38	48.99 -1.32 0.46	45.51 -1.27 0.17

NEG CENTRAL___DRP 24199	50.28 -0.17 0.00	48.59 -0.30 0.00	48.70 -0.17 0.00	46.86 -0.07 0.00	52.47 -0.11 0.00	44.62 0.02 0.00	49.88 -0.03 0.00	66.16 -0.14 0.00	67.33 -0.14 0.00	49.26 -0.07 0.00	42.97 0.07 0.00	42.29 0.24 0.00	37.42 0.25 0.00	42.24 0.24 0.00	42.04 -0.03 0.00	47.68 0.19 0.00	55.91 0.02 0.00	61.07 -0.20 0.00	53.96 -0.10 0.00	57.33 -0.04 0.00	60.70 -0.14 0.00	59.48 -0.16 0.00	50.63 -0.13 0.00	46.81 -0.13 0.00
NEG CENTRAL___INDECK 23768	52.00 1.55 0.00	49.87 0.98 0.00	50.14 1.27 0.00	48.23 1.30 0.00	54.23 1.65 0.00	45.97 1.37 0.00	51.56 1.65 0.00	68.21 1.91 0.00	69.47 1.99 0.00	50.37 1.04 0.00	43.96 1.05 0.00	43.55 1.50 0.00	38.10 0.93 0.00	43.22 1.21 0.00	43.22 1.15 0.00	49.58 2.08 0.00	57.93 2.04 0.00	63.04 1.78 0.00	55.87 1.81 0.00	59.49 2.12 0.00	62.86 2.02 0.00	61.65 2.01 0.00	52.45 1.69 0.00	48.40 1.46 0.00
NEG CENTRAL___SENECA 23627	50.42 -0.03 0.00	48.73 -0.16 0.00	48.85 -0.02 0.00	47.05 0.12 0.00	52.65 0.07 0.00	44.80 0.21 0.00	50.02 0.11 0.00	66.32 0.02 0.00	67.48 0.00 0.00	49.43 0.10 0.00	43.17 0.26 0.00	42.52 0.47 0.00	37.61 0.43 0.00	42.52 0.51 0.00	42.28 0.20 0.00	47.99 0.50 0.00	56.12 0.23 0.00	61.21 -0.05 0.00	54.12 0.06 0.00	57.53 0.16 0.00	60.87 0.03 0.00	59.68 0.04 0.00	50.84 0.08 0.00	47.03 0.09 0.00
NEG CENTRAL___STATE_STREET 24147	50.45 0.00 0.00	48.63 -0.26 0.00	48.78 -0.09 0.00	46.93 0.00 0.00	52.59 0.01 0.00	44.69 0.09 0.00	50.02 0.11 0.00	66.35 0.04 0.00	67.59 0.11 0.00	49.39 0.06 0.00	43.03 0.12 0.00	42.17 0.12 0.00	37.36 0.19 0.00	42.05 0.05 0.00	41.91 -0.16 0.00	47.43 -0.06 0.00	55.82 -0.07 0.00	61.12 -0.15 0.00	53.98 -0.08 0.00	57.31 -0.06 0.00	60.71 -0.12 0.00	59.49 -0.15 0.00	50.60 -0.15 0.00	46.71 -0.23 0.00
NEG MILLWOOD___DRP 24198	52.78 2.33 0.00	51.17 2.27 0.00	51.01 2.14 0.00	48.92 1.99 0.00	54.74 2.17 0.00	46.47 1.88 0.00	51.79 1.89 0.00	69.01 2.71 0.00	70.22 2.74 0.00	51.54 2.21 0.00	44.95 2.04 0.00	44.13 2.08 0.00	38.99 1.82 0.00	44.12 2.11 0.00	44.32 2.25 0.00	49.84 2.34 0.00	58.37 2.48 0.00	63.64 2.38 0.00	56.24 2.18 0.00	59.52 2.15 0.00	63.14 2.30 0.00	62.10 2.46 0.00	52.79 2.04 0.00	48.49 1.55 0.00
NEG NORTH_FLCN_SEA 23793	51.54 1.10 0.00	49.81 0.92 0.00	49.79 0.92 0.00	47.82 0.89 0.00	53.61 1.03 0.00	45.47 0.87 0.00	50.77 0.86 0.00	67.54 1.23 0.00	68.72 1.24 0.00	50.43 1.10 0.00	43.79 0.88 0.00	42.63 0.58 0.00	37.59 0.42 0.00	42.55 0.55 0.00	42.69 0.62 0.00	48.41 0.91 0.00	56.81 0.92 0.00	62.47 1.21 0.00	55.05 0.99 0.00	58.55 1.18 0.00	61.96 1.12 0.00	60.51 0.87 0.00	51.90 1.14 0.00	48.33 1.38 0.00
NEG NORTH_KES_CHATEGAY 23792	51.51 1.06 0.00	49.74 0.85 0.00	49.73 0.86 0.00	47.75 0.82 0.00	53.51 0.93 0.00	45.41 0.82 0.00	50.88 0.97 0.00	67.64 1.34 0.00	68.99 1.50 0.00	50.48 1.15 0.00	43.73 0.82 0.00	42.53 0.47 0.00	37.46 0.29 0.00	42.37 0.37 0.00	42.49 0.41 0.00	48.17 0.68 0.00	56.77 0.88 0.00	62.54 1.28 0.00	55.19 1.13 0.00	58.68 1.31 0.00	62.11 1.27 0.00	60.79 1.15 0.00	51.94 1.18 0.00	48.33 1.39 0.00
NEG NORTH___ALICE_FALLS 23915	51.87 1.42 0.00	50.07 1.18 0.00	50.06 1.19 0.00	48.07 1.14 0.00	53.91 1.32 0.00	45.74 1.14 0.00	51.16 1.26 0.00	68.08 1.77 0.00	69.37 1.89 0.00	50.82 1.49 0.00	44.08 1.18 0.00	42.89 0.84 0.00	37.77 0.60 0.00	42.68 0.68 0.00	42.82 0.74 0.00	48.63 1.14 0.00	57.15 1.26 0.00	62.98 1.72 0.00	55.57 1.51 0.00	59.10 1.73 0.00	62.53 1.69 0.00	61.08 1.44 0.00	52.25 1.49 0.00	48.64 1.70 0.00
NEG NORTH___LWR_SARANAC 23913	51.87 1.42 0.00	50.07 1.18 0.00	50.06 1.19 0.00	48.07 1.14 0.00	53.91 1.32 0.00	45.74 1.14 0.00	51.16 1.26 0.00	68.08 1.77 0.00	69.37 1.89 0.00	50.82 1.49 0.00	44.08 1.18 0.00	42.89 0.84 0.00	37.77 0.60 0.00	42.68 0.68 0.00	42.82 0.74 0.00	48.63 1.14 0.00	57.15 1.26 0.00	62.98 1.72 0.00	55.57 1.51 0.00	59.10 1.73 0.00	62.53 1.69 0.00	61.08 1.44 0.00	52.25 1.49 0.00	48.64 1.70 0.00
NEG NORTH___PLATTSBURG 23628	51.87 1.42 0.00	50.08 1.18 0.00	50.06 1.19 0.00	48.07 1.14 0.00	53.91 1.32 0.00	45.73 1.14 0.00	51.16 1.26 0.00	68.08 1.77 0.00	69.37 1.89 0.00	50.81 1.49 0.00	44.09 1.18 0.00	42.89 0.84 0.00	37.77 0.60 0.00	42.68 0.68 0.00	42.82 0.74 0.00	48.63 1.14 0.00	57.16 1.27 0.00	62.98 1.72 0.00	55.57 1.51 0.00	59.10 1.73 0.00	62.53 1.69 0.00	61.08 1.45 0.00	52.25 1.50 0.00	48.64 1.70 0.00
NEG WEST_LEA_LOCKPORT 23791	49.67 -0.78 0.00	47.32 -1.57 0.00	47.77 -1.10 0.00	46.03 -0.91 0.00	51.86 -0.72 0.00	44.01 -0.59 0.00	49.26 -0.65 0.00	64.51 -1.80 0.00	66.28 -1.20 0.00	49.39 0.06 0.00	43.73 0.82 0.00	43.07 1.02 0.00	37.81 0.63 0.00	42.62 0.61 0.00	42.18 0.11 0.00	47.78 0.29 0.00	55.05 -0.84 0.00	59.19 -2.07 0.00	52.35 -1.72 0.00	55.86 -1.51 0.00	58.92 -1.92 0.00	58.18 -1.46 0.00	49.78 -0.98 0.00	46.36 -0.58 0.00
NEG WEST___LANCASTR 23811	49.89 -0.55 0.00	47.64 -1.26 0.00	48.07 -0.79 0.00	46.25 -0.68 0.00	52.10 -0.48 0.00	44.05 -0.55 0.00	49.36 -0.55 0.00	64.89 -1.41 0.00	66.35 -1.13 0.00	49.28 -0.04 0.00	43.50 0.59 0.00	42.83 0.79 0.00	37.68 0.50 0.00	42.50 0.50 0.00	42.09 0.02 0.00	47.73 0.24 0.00	55.22 -0.67 0.00	59.47 -1.79 0.00	52.58 -1.48 0.00	56.15 -1.23 0.00	59.52 -1.32 0.00	58.63 -1.02 0.00	50.11 -0.65 0.00	46.33 -0.62 0.00
NEG_PENN_ALLEGHNY 23528	51.54 0.27 -0.82	49.83 0.23 -0.70	49.78 0.39 -0.52	47.93 0.38 -0.61	53.56 0.47 -0.51	45.16 0.33 -0.23	50.63 0.30 -0.43	67.51 0.41 -0.80	68.30 0.37 -0.46	49.86 0.38 -0.15	43.36 0.45 0.00	42.67 0.62 0.00	37.67 0.50 0.00	42.61 0.61 0.00	42.61 0.38 -0.16	48.31 0.53 -0.29	56.42 0.41 -0.12	61.35 0.07 -0.01	54.17 0.11 0.00	57.54 0.16 -0.01	61.33 0.21 -0.28	60.37 0.30 -0.43	51.51 0.24 -0.52	47.24 0.10 -0.19
NEG___GEN_MONROE 24207	50.64 0.20 0.00	48.58 -0.31 0.00	48.85 -0.02 0.00	46.98 0.05 0.00	52.87 0.30 0.00	44.86 0.27 0.00	50.30 0.39 0.00	66.32 0.02 0.00	67.63 0.15 0.00	49.86 0.53 0.00	43.82 0.91 0.00	43.20 1.15 0.00	37.96 0.79 0.00	42.77 0.77 0.00	42.70 0.62 0.00	48.41 0.91 0.00	56.44 0.55 0.00	61.30 0.04 0.00	54.11 0.05 0.00	57.58 0.21 0.00	60.79 -0.05 0.00	59.74 0.10 0.00	50.88 0.13 0.00	47.10 0.16 0.00
NEPA___ENERGY 23901	50.00 -0.45 0.00	47.90 -1.00 0.00	48.36 -0.51 0.00	46.53 -0.40 0.00	52.41 -0.17 0.00	44.35 -0.24 0.00	49.64 -0.27 0.00	65.52 -0.78 0.00	66.93 -0.55 0.00	49.60 0.27 0.00	43.73 0.82 0.00	43.13 1.08 0.00	37.99 0.81 0.00	42.82 0.82 0.00	42.16 0.08 0.00	47.84 0.34 0.00	55.53 -0.36 0.00	59.70 -1.57 0.00	52.88 -1.18 0.00	56.42 -0.95 0.00	59.77 -1.07 0.00	58.89 -0.75 0.00	50.31 -0.45 0.00	46.51 -0.43 0.00

NEVERSINK___HYD 23608	52.15 1.70 0.00	50.56 1.67 0.00	50.47 1.60 0.00	48.40 1.47 0.00	54.17 1.59 0.00	45.95 1.35 0.00	51.28 1.37 0.00	68.32 2.02 0.00	69.48 1.99 0.00	50.85 1.52 0.00	44.20 1.29 0.00	43.27 1.22 0.00	38.12 0.94 0.00	42.09 0.08 0.00	42.18 0.10 0.00	47.56 0.06 0.00	55.98 0.10 0.00	61.10 -0.16 0.00	54.07 0.00 0.00	57.23 -0.14 0.00	60.99 0.16 0.00	61.58 1.94 0.00	52.33 1.57 0.00	48.07 1.13 0.00
NEWKRMKL_115KV_TB1 55635	50.40 -0.05 0.00	48.99 0.10 0.00	48.82 -0.05 0.00	46.81 -0.12 0.00	52.40 -0.18 0.00	44.48 -0.12 0.00	49.67 -0.24 0.00	66.09 -0.21 0.00	67.11 -0.37 0.00	48.83 -0.50 0.00	42.34 -0.57 0.00	41.58 -0.47 0.00	36.98 -0.19 0.00	41.72 -0.28 0.00	41.95 -0.12 0.00	47.34 -0.15 0.00	55.94 0.05 0.00	61.36 0.11 0.00	54.11 0.05 0.00	57.36 -0.02 0.00	60.93 0.09 0.00	59.65 0.01 0.00	50.66 -0.10 0.00	46.74 -0.20 0.00
NEWTON___FALLS_HYD 23847	52.45 2.01 0.00	50.67 1.78 0.00	50.72 1.85 0.00	48.73 1.80 0.00	54.59 2.01 0.00	46.33 1.74 0.00	52.00 2.09 0.00	68.91 2.61 0.00	70.18 2.70 0.00	51.01 1.68 0.00	43.98 1.08 0.00	42.62 0.57 0.00	37.78 0.61 0.00	42.73 0.72 0.00	42.77 0.69 0.00	48.39 0.90 0.00	57.30 1.41 0.00	63.63 2.37 0.00	56.46 2.40 0.00	59.95 2.58 0.00	63.51 2.67 0.00	62.47 2.83 0.00	53.09 2.34 0.00	49.16 2.22 0.00
NGRID_A1_DSASP 323792	46.68 -1.07 2.70	44.70 -1.89 2.30	45.79 -1.37 1.71	43.76 -1.18 2.00	49.88 -1.03 1.67	42.73 -1.12 0.75	47.10 -1.41 1.40	60.76 -2.94 2.61	63.61 -2.38 1.50	48.30 -0.52 0.50	43.30 0.40 0.00	42.66 0.61 0.00	37.48 0.31 0.00	42.20 0.20 0.00	41.26 -0.30 0.51	46.17 -0.38 0.94	53.85 -1.66 0.38	58.32 -2.90 0.04	51.59 -2.47 0.00	55.03 -2.30 0.03	57.16 -2.74 0.94	56.02 -2.21 1.41	47.75 -1.32 1.69	45.35 -0.96 0.63
NGRID_A2_DSASP 323793	46.68 -1.07 2.70	44.70 -1.89 2.30	45.79 -1.37 1.71	43.76 -1.18 2.00	49.88 -1.03 1.67	42.73 -1.12 0.75	47.10 -1.41 1.40	60.76 -2.94 2.61	63.61 -2.38 1.50	48.30 -0.52 0.50	43.30 0.40 0.00	42.66 0.61 0.00	37.48 0.31 0.00	42.20 0.20 0.00	41.26 -0.30 0.51	46.17 -0.38 0.94	53.85 -1.66 0.38	58.32 -2.90 0.04	51.59 -2.47 0.00	55.03 -2.30 0.03	57.16 -2.74 0.94	56.02 -2.21 1.41	47.75 -1.32 1.69	45.35 -0.96 0.63
NGRID_A4_DSASP 323807	46.68 -1.07 2.70	44.70 -1.89 2.30	45.79 -1.37 1.71	43.76 -1.18 2.00	49.88 -1.03 1.67	42.73 -1.12 0.75	47.10 -1.41 1.40	60.76 -2.94 2.61	63.61 -2.38 1.50	48.30 -0.52 0.50	43.30 0.40 0.00	42.66 0.61 0.00	37.48 0.31 0.00	42.20 0.20 0.00	41.26 -0.30 0.51	46.17 -0.38 0.94	53.85 -1.66 0.38	58.32 -2.90 0.04	51.59 -2.47 0.00	55.03 -2.30 0.03	57.16 -2.74 0.94	56.02 -2.21 1.41	47.75 -1.32 1.69	45.35 -0.96 0.63
NIAGARA_115E_LBMP 323715	46.34 -1.49 2.61	44.43 -2.23 2.23	45.49 -1.72 1.66	43.48 -1.52 1.93	49.58 -1.38 1.62	42.83 -1.03 0.73	47.41 -1.14 1.36	61.30 -2.48 2.52	64.18 -1.85 1.45	48.48 -0.36 0.49	43.39 0.48 0.00	42.75 0.70 0.00	37.55 0.37 0.00	42.28 0.28 0.00	41.34 -0.24 0.49	46.38 -0.20 0.91	53.95 -1.57 0.37	58.23 -2.99 0.04	51.49 -2.57 0.00	54.91 -2.43 0.03	57.01 -2.92 0.91	55.85 -2.43 1.36	47.35 -1.77 1.63	45.19 -1.15 0.61
NIAGARA_115W_LBMP 323714	46.62 -1.14 2.69	44.64 -1.95 2.30	45.72 -1.44 1.71	43.69 -1.24 2.00	49.81 -1.10 1.67	42.68 -1.16 0.75	47.03 -1.48 1.40	60.66 -3.05 2.60	63.49 -2.49 1.50	48.24 -0.59 0.50	43.24 0.34 0.00	42.61 0.56 0.00	37.44 0.26 0.00	42.13 0.13 0.00	41.21 -0.36 0.51	46.09 -0.46 0.94	53.74 -1.76 0.38	58.21 -3.01 0.04	51.49 -2.57 0.00	54.92 -2.42 0.03	57.06 -2.85 0.94	55.92 -2.32 1.40	47.66 -1.41 1.69	45.29 -1.03 0.62
NIAGARA_230_LBMP 323716	46.71 -1.06 2.68	44.77 -1.83 2.29	45.83 -1.33 1.70	43.80 -1.14 1.99	49.94 -0.98 1.66	42.84 -1.01 0.75	47.34 -1.18 1.39	61.20 -2.51 2.59	64.05 -1.94 1.49	48.42 -0.41 0.50	43.34 0.43 0.00	42.70 0.65 0.00	37.52 0.34 0.00	42.25 0.24 0.00	41.31 -0.26 0.51	46.38 -0.18 0.94	54.19 -1.32 0.38	58.68 -2.54 0.04	51.91 -2.15 0.00	55.38 -1.97 0.03	57.56 -2.35 0.93	56.38 -1.86 1.40	47.82 -1.26 1.68	45.37 -0.95 0.62
NIAGARA___115KV_198_GIBSON 55903	49.29 -1.16 0.00	46.90 -1.99 0.00	47.41 -1.46 0.00	45.66 -1.28 0.00	51.44 -1.14 0.00	43.41 -1.19 0.00	48.41 -1.50 0.00	63.25 -3.06 0.00	64.99 -2.49 0.00	48.72 -0.60 0.00	43.25 0.34 0.00	42.61 0.56 0.00	37.43 0.26 0.00	42.14 0.13 0.00	41.72 -0.36 0.00	47.02 -0.48 0.00	54.13 -1.76 0.00	58.24 -3.02 0.00	51.50 -2.56 0.00	54.95 -2.42 0.00	57.99 -2.85 0.00	57.33 -2.31 0.00	49.35 -1.41 0.00	45.91 -1.03 0.00
NIAGARA____ 23760	46.75 -1.06 2.63	44.81 -1.83 2.25	45.86 -1.33 1.67	43.84 -1.14 1.95	49.97 -0.98 1.63	42.84 -1.01 0.74	47.35 -1.18 1.39	61.21 -2.51 2.58	64.05 -1.94 1.48	48.42 -0.41 0.50	43.34 0.43 0.00	42.70 0.65 0.00	37.52 0.34 0.00	42.25 0.24 0.00	41.31 -0.26 0.50	46.38 -0.18 0.93	54.19 -1.32 0.38	58.68 -2.54 0.04	51.91 -2.15 0.00	55.38 -1.97 0.03	57.56 -2.35 0.92	56.40 -1.86 1.39	47.85 -1.26 1.66	45.38 -0.95 0.61
NINE_MILE_1 23575	48.69 -1.76 0.00	47.15 -1.74 0.00	47.14 -1.73 0.00	45.30 -1.63 0.00	50.75 -1.83 0.00	43.11 -1.49 0.00	48.26 -1.65 0.00	64.02 -2.28 0.00	65.20 -2.28 0.00	47.65 -1.67 0.00	41.54 -1.37 0.00	40.76 -1.29 0.00	36.02 -1.15 0.00	40.66 -1.34 0.00	40.71 -1.36 0.00	45.95 -1.55 0.00	54.00 -1.89 0.00	59.21 -2.05 0.00	52.25 -1.81 0.00	55.47 -1.90 0.00	58.78 -2.05 0.00	57.58 -2.06 0.00	49.02 -1.74 0.00	45.30 -1.65 0.00
NINE_MILE_2 23744	48.69 -1.75 0.00	47.15 -1.74 0.00	47.14 -1.73 0.00	45.30 -1.63 0.00	50.75 -1.83 0.00	43.11 -1.49 0.00	48.26 -1.65 0.00	64.02 -2.28 0.00	65.20 -2.28 0.00	47.66 -1.67 0.00	41.54 -1.37 0.00	40.76 -1.29 0.00	36.02 -1.15 0.00	40.67 -1.33 0.00	40.72 -1.36 0.00	45.95 -1.55 0.00	54.00 -1.89 0.00	59.22 -2.04 0.00	52.26 -1.81 0.00	55.47 -1.90 0.00	58.79 -2.05 0.00	57.59 -2.05 0.00	49.02 -1.73 0.00	45.30 -1.65 0.00
NM_CAPITAL___DRP 24208	50.34 -0.11 0.00	48.94 0.05 0.00	48.77 -0.10 0.00	46.76 -0.17 0.00	52.33 -0.25 0.00	44.41 -0.18 0.00	49.61 -0.30 0.00	66.01 -0.29 0.00	67.02 -0.46 0.00	48.78 -0.55 0.00	42.29 -0.62 0.00	41.51 -0.54 0.00	36.91 -0.26 0.00	41.64 -0.36 0.00	41.90 -0.18 0.00	47.27 -0.22 0.00	55.84 -0.05 0.00	61.26 0.01 0.00	54.01 -0.05 0.00	57.26 -0.11 0.00	60.83 -0.01 0.00	59.57 -0.07 0.00	50.60 -0.16 0.00	46.69 -0.25 0.00
NM_CENTRAL___DRP 24181	49.58 -0.87 0.00	48.00 -0.89 0.00	47.99 -0.87 0.00	46.12 -0.81 0.00	51.69 -0.89 0.00	43.88 -0.71 0.00	49.15 -0.76 0.00	65.22 -1.08 0.00	66.43 -1.06 0.00	48.56 -0.77 0.00	42.32 -0.58 0.00	41.58 -0.47 0.00	36.73 -0.44 0.00	41.49 -0.51 0.00	41.48 -0.60 0.00	46.85 -0.64 0.00	55.08 -0.81 0.00	60.36 -0.90 0.00	53.25 -0.81 0.00	56.52 -0.85 0.00	59.90 -0.94 0.00	58.69 -0.95 0.00	49.93 -0.83 0.00	46.11 -0.84 0.00

NM_FRONTIER___DRP 24179	49.29 -1.16 0.00	46.90 -1.99 0.00	47.41 -1.46 0.00	45.66 -1.28 0.00	51.44 -1.14 0.00	43.41 -1.19 0.00	48.41 -1.50 0.00	63.25 -3.06 0.00	64.99 -2.49 0.00	48.72 -0.60 0.00	43.25 0.34 0.00	42.61 0.56 0.00	37.43 0.26 0.00	42.14 0.13 0.00	41.72 -0.36 0.00	47.02 -0.48 0.00	54.13 -1.76 0.00	58.24 -3.02 0.00	51.50 -2.56 0.00	54.95 -2.42 0.00	57.99 -2.85 0.00	57.33 -2.31 0.00	49.35 -1.41 0.00	45.91 -1.03 0.00
NM_ST_REGIS___HYD 24053	52.68 2.24 0.00	50.81 1.92 0.00	50.83 1.96 0.00	48.85 1.91 0.00	54.78 2.19 0.00	46.46 1.87 0.00	52.15 2.24 0.00	69.28 2.98 0.00	70.66 3.17 0.00	51.54 2.21 0.00	44.62 1.71 0.00	43.33 1.29 0.00	38.22 1.05 0.00	43.18 1.17 0.00	43.21 1.14 0.00	48.81 1.32 0.00	57.92 2.04 0.00	64.02 2.76 0.00	56.63 2.57 0.00	60.17 2.80 0.00	63.67 2.83 0.00	62.41 2.76 0.00	53.15 2.40 0.00	49.41 2.47 0.00
NORTHPORT___1 23551	51.65 1.20 0.00	50.25 1.36 0.00	50.05 1.18 0.00	47.89 0.96 0.00	51.14 0.91 2.35	41.00 0.66 4.26	11.02 0.28 39.17	11.00 0.51 55.81	11.00 0.49 56.98	15.19 0.71 34.85	44.42 1.52 0.00	43.60 1.55 0.00	38.49 1.32 0.00	43.49 1.48 0.00	43.55 1.48 0.00	45.81 0.93 2.62	44.18 0.63 12.33	61.79 0.53 0.00	27.41 0.24 26.90	28.91 0.11 28.57	42.32 0.20 18.71	45.15 0.38 14.87	46.84 0.38 4.31	44.14 0.13 2.93
NORTHPORT___2 23552	51.65 1.20 0.00	50.25 1.36 0.00	50.05 1.18 0.00	47.89 0.96 0.00	51.14 0.91 2.35	41.00 0.66 4.26	11.02 0.28 39.17	11.00 0.51 55.81	11.00 0.49 56.98	15.19 0.71 34.85	44.42 1.52 0.00	43.60 1.55 0.00	38.49 1.32 0.00	43.49 1.48 0.00	43.55 1.48 0.00	45.81 0.93 2.62	44.18 0.63 12.33	61.79 0.53 0.00	27.41 0.24 26.90	28.91 0.11 28.57	42.32 0.20 18.71	45.15 0.38 14.87	46.84 0.38 4.31	44.14 0.13 2.93
NORTHPORT___3 23553	51.56 1.12 0.00	50.16 1.27 0.00	49.95 1.09 0.00	47.81 0.88 0.00	51.05 0.81 2.34	40.93 0.58 4.24	11.07 0.16 39.00	11.09 0.34 55.56	11.07 0.31 56.72	15.23 0.59 34.69	44.34 1.43 0.00	43.52 1.47 0.00	38.43 1.25 0.00	43.42 1.42 0.00	43.47 1.40 0.00	45.73 0.84 2.61	44.12 0.51 12.28	61.66 0.40 0.00	27.41 0.13 26.78	28.92 -0.01 28.45	42.28 0.07 18.63	45.09 0.25 14.80	46.75 0.27 4.29	44.06 0.04 2.92
NORTHPORT___4 23650	51.56 1.12 0.00	50.16 1.27 0.00	49.95 1.09 0.00	47.81 0.88 0.00	51.05 0.81 2.34	40.93 0.58 4.24	11.07 0.16 39.00	11.09 0.34 55.56	11.07 0.31 56.72	15.23 0.59 34.69	44.34 1.43 0.00	43.52 1.47 0.00	38.43 1.25 0.00	43.42 1.42 0.00	43.47 1.40 0.00	45.73 0.84 2.61	44.12 0.51 12.28	61.66 0.40 0.00	27.41 0.13 26.78	28.92 -0.01 28.45	42.28 0.07 18.63	45.09 0.25 14.80	46.75 0.27 4.29	44.06 0.04 2.92
NORTHPORT___IC 23718	51.65 1.21 0.00	50.25 1.36 0.00	50.07 1.20 0.00	47.94 1.01 0.00	51.17 0.94 2.35	41.02 0.68 4.26	11.04 0.30 39.17	11.04 0.55 55.81	11.04 0.53 56.98	15.24 0.76 34.85	44.42 1.51 0.00	43.61 1.55 0.00	38.49 1.32 0.00	43.48 1.48 0.00	43.56 1.48 0.00	45.82 0.95 2.62	44.18 0.63 12.33	61.79 0.53 0.00	27.41 0.24 26.90	28.91 0.11 28.57	42.32 0.20 18.71	45.15 0.38 14.87	46.84 0.38 4.31	44.15 0.14 2.93
NORTH___COUNTRY_ESR 323785	51.40 0.95 0.00	49.66 0.77 0.00	49.66 0.78 0.00	47.67 0.74 0.00	53.43 0.85 0.00	45.33 0.73 0.00	50.77 0.86 0.00	67.49 1.19 0.00	68.82 1.34 0.00	50.38 1.05 0.00	43.71 0.80 0.00	42.53 0.48 0.00	37.46 0.29 0.00	42.36 0.36 0.00	42.48 0.41 0.00	48.17 0.68 0.00	56.74 0.85 0.00	62.40 1.15 0.00	55.04 0.98 0.00	58.52 1.15 0.00	61.94 1.10 0.00	60.62 0.98 0.00	51.80 1.04 0.00	48.21 1.26 0.00
NPX_GEN_1385_PROXY 323591	51.53 1.09 0.00	50.23 1.34 0.00	49.94 1.07 0.00	47.78 0.85 0.00	51.14 0.91 2.35	82.80 0.82 -37.39	90.02 0.46 -39.65	80.04 0.75 -12.99	47.91 0.71 20.29	15.08 0.60 34.85	37.21 1.35 7.04	18.11 1.38 25.32	19.52 1.17 18.82	24.16 1.34 19.18	43.54 1.47 0.00	45.72 0.89 2.66	44.26 0.71 12.33	61.90 0.64 0.00	27.35 0.18 26.90	28.88 0.08 28.57	42.37 0.24 18.71	45.08 0.31 14.87	46.78 0.33 4.31	44.15 0.14 2.93
NPX_GEN_CSC 323557	7.87 0.57 43.15	29.44 0.76 20.20	36.20 0.53 13.20	28.44 0.32 18.81	2.02 0.14 50.70	13.08 0.10 31.62	11.04 -0.21 38.66	11.13 -0.07 55.10	11.18 -0.05 56.25	14.07 0.17 35.43	37.06 1.02 6.87	37.12 1.05 5.99	37.93 0.93 0.17	37.24 1.04 5.80	42.51 1.13 0.70	45.61 0.74 2.63	44.15 0.44 12.18	61.82 0.57 0.00	27.56 0.06 26.56	29.13 -0.04 28.21	42.41 0.04 18.48	45.29 0.32 14.68	46.69 0.18 4.25	43.76 -0.29 2.90
NSINS_S_GLNS_FALLS 23858	51.94 1.50 0.00	50.56 1.67 0.00	50.36 1.50 0.00	48.35 1.42 0.00	54.21 1.63 0.00	45.93 1.33 0.00	51.59 1.68 0.00	68.62 2.31 0.00	69.39 1.91 0.00	49.95 0.62 0.00	43.02 0.11 0.00	42.48 0.43 0.00	37.74 0.57 0.00	42.60 0.60 0.00	43.05 0.97 0.00	48.86 1.36 0.00	57.69 1.81 0.00	63.82 2.56 0.00	56.22 2.16 0.00	59.75 2.38 0.00	63.30 2.46 0.00	61.52 1.88 0.00	52.32 1.56 0.00	48.42 1.47 0.00
NUCOR_STEEL___DRP 24197	50.39 -0.05 0.00	48.56 -0.33 0.00	48.72 -0.15 0.00	46.88 -0.05 0.00	52.54 -0.04 0.00	44.64 0.05 0.00	49.97 0.06 0.00	66.27 -0.04 0.00	67.52 0.04 0.00	49.34 0.01 0.00	43.00 0.09 0.00	42.10 0.05 0.00	37.31 0.14 0.00	41.97 -0.03 0.00	41.84 -0.23 0.00	47.34 -0.15 0.00	55.73 -0.16 0.00	61.02 -0.24 0.00	53.89 -0.17 0.00	57.20 -0.17 0.00	60.61 -0.23 0.00	59.39 -0.25 0.00	50.53 -0.23 0.00	46.62 -0.32 0.00
NUMBER_THREE_WT_PWR 323818	52.30 1.85 0.00	50.62 1.72 0.00	50.69 1.83 0.00	48.72 1.79 0.00	54.54 1.96 0.00	46.30 1.71 0.00	51.98 2.07 0.00	69.08 2.78 0.00	70.28 2.80 0.00	51.00 1.67 0.00	43.88 0.98 0.00	42.43 0.38 0.00	37.53 0.35 0.00	42.57 0.57 0.00	42.54 0.46 0.00	48.27 0.78 0.00	57.28 1.39 0.00	63.73 2.47 0.00	56.62 2.56 0.00	60.07 2.70 0.00	63.67 2.83 0.00	62.51 2.87 0.00	53.05 2.29 0.00	48.98 2.03 0.00
NYISO_LBMP_REFERENCE 24008	50.44 0.00 0.00	48.89 0.00 0.00	48.87 0.00 0.00	46.93 0.00 0.00	52.58 0.00 0.00	44.60 0.00 0.00	49.91 0.00 0.00	66.30 0.00 0.00	67.48 0.00 0.00	49.33 0.00 0.00	42.91 0.00 0.00	42.05 0.00 0.00	37.17 0.00 0.00	42.00 0.00 0.00	42.07 0.00 0.00	47.50 0.00 0.00	55.89 0.00 0.00	61.26 0.00 0.00	54.06 0.00 0.00	57.37 0.00 0.00	60.84 0.00 0.00	59.64 0.00 0.00	50.76 0.00 0.00	46.94 0.00 0.00
NYPA_BRENTWD____GT 24164	52.19 1.75 0.00	50.67 1.77 0.00	50.45 1.59 0.00	48.26 1.33 0.00	51.68 1.33 2.23	41.61 1.06 4.05	13.49 0.77 37.18	14.56 1.25 52.99	14.60 1.19 54.07	17.42 1.17 33.08	44.75 1.84 0.00	43.85 1.80 0.00	38.78 1.61 0.00	43.72 1.72 0.00	43.93 1.86 0.00	46.51 1.50 2.49	45.50 1.32 11.71	62.72 1.46 0.00	29.48 0.94 25.53	31.09 0.83 27.12	44.05 0.98 17.76	46.64 1.11 14.11	47.75 1.08 4.09	44.87 0.71 2.79

NYPA_GOWANUS____GT5 24156	52.89	51.19	51.00	48.89	54.73	46.55	51.96	69.08	70.20	51.64	45.11	44.33	39.14	44.20	44.38	49.78	58.20	63.38	56.07	59.37	62.95	61.96	52.76	48.39
	2.45	2.30	2.14	1.96	2.15	1.96	2.06	2.78	2.72	2.31	2.20	2.28	1.97	2.20	2.30	2.28	2.32	2.12	2.00	2.00	2.11	2.32	2.00	1.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NYPA_GOWANUS____GT6 24157	52.89	51.19	51.00	48.89	54.73	46.55	51.96	69.08	70.20	51.64	45.11	44.33	39.14	44.20	44.38	49.78	58.20	63.38	56.07	59.37	62.95	61.96	52.76	48.39
	2.45	2.30	2.14	1.96	2.15	1.96	2.06	2.78	2.72	2.31	2.20	2.28	1.97	2.20	2.30	2.28	2.32	2.12	2.00	2.00	2.11	2.32	2.00	1.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
NYPA_HARLEM__RVR__GT1 24160	52.38	49.70	41.93	35.57	35.58	41.16	51.57	68.63	69.94	51.51	45.03	44.17	39.01	44.03	44.21	49.57	57.94	63.05	55.75	59.00	62.56	61.56	52.39	48.00
	1.95	1.83	1.67	1.54	1.66	1.56	1.66	2.33	2.45	2.18	2.12	2.12	1.83	2.03	2.13	2.07	2.05	1.79	1.70	1.65	1.74	1.93	1.63	1.07
	0.01	1.02	8.60	12.90	18.67	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.02	0.01	0.00	0.02
NYPA_HARLEM__RVR__GT2 24161	52.38	49.70	41.93	35.57	35.58	41.16	51.57	68.63	69.94	51.51	45.03	44.17	39.01	44.03	44.21	49.57	57.94	63.05	55.75	59.00	62.56	61.56	52.39	48.00
	1.95	1.83	1.67	1.54	1.66	1.56	1.66	2.33	2.45	2.18	2.12	2.12	1.83	2.03	2.13	2.07	2.05	1.79	1.70	1.65	1.74	1.93	1.63	1.07
	0.01	1.02	8.60	12.90	18.67	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.02	0.01	0.00	0.02
NYPA_KENT____GT 24152	52.87	51.18	50.99	48.89	54.71	46.54	51.92	69.06	70.19	51.65	45.14	44.34	39.17	44.24	44.40	49.80	58.24	63.40	56.08	59.37	62.95	61.95	52.74	48.39
	2.42	2.29	2.12	1.96	2.13	1.94	2.02	2.76	2.71	2.32	2.24	2.29	1.99	2.24	2.33	2.31	2.35	2.14	2.02	2.00	2.11	2.31	1.98	1.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_POUCH1____GT 24155	80.26	51.48	51.30	49.17	55.03	46.82	52.24	69.31	70.28	51.67	45.12	44.33	39.14	44.20	44.38	49.78	58.26	63.47	56.15	59.47	63.07	62.08	53.06	48.68
	2.74	2.58	2.42	2.23	2.45	2.22	2.33	3.00	2.80	2.34	2.21	2.28	1.97	2.20	2.31	2.29	2.37	2.22	2.09	2.10	2.23	2.44	2.29	1.73
	-27.08	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01
NYPA_VERNON____GT2 24162	52.84	51.15	50.97	48.87	54.68	46.52	51.88	69.01	70.18	51.67	45.16	44.37	39.18	44.26	44.42	49.83	58.27	63.42	56.08	59.35	62.94	61.93	52.70	48.39
	2.40	2.26	2.10	1.94	2.10	1.92	1.98	2.71	2.70	2.34	2.25	2.32	2.01	2.26	2.35	2.34	2.38	2.16	2.02	1.98	2.10	2.29	1.94	1.44
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_VERNON____GT3 24163	52.84	51.15	50.97	48.87	54.68	46.52	51.88	69.01	70.18	51.67	45.16	44.37	39.18	44.26	44.42	49.83	58.27	63.42	56.08	59.35	62.94	61.93	52.70	48.39
	2.40	2.26	2.10	1.94	2.10	1.92	1.98	2.71	2.70	2.34	2.25	2.32	2.01	2.26	2.35	2.34	2.38	2.16	2.02	1.98	2.10	2.29	1.94	1.44
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA____ASTORIA_CC1 323568	52.77	51.09	50.91	48.83	54.63	46.49	51.83	68.94	70.10	51.64	45.14	44.33	39.16	44.23	44.39	49.78	58.21	63.33	56.02	59.26	62.85	61.85	52.64	48.33
	2.33	2.20	2.04	1.90	2.05	1.89	1.92	2.64	2.62	2.31	2.23	2.28	1.99	2.23	2.31	2.29	2.32	2.07	1.96	1.89	2.01	2.21	1.88	1.39
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA____ASTORIA_CC2 323569	52.77	51.09	50.91	48.83	54.63	46.49	51.83	68.94	70.10	51.64	45.14	44.33	39.16	44.23	44.39	49.78	58.21	63.33	56.02	59.26	62.85	61.85	52.64	48.33
	2.33	2.20	2.04	1.90	2.05	1.89	1.92	2.64	2.62	2.31	2.23	2.28	1.99	2.23	2.31	2.29	2.32	2.07	1.96	1.89	2.01	2.21	1.88	1.39
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA____HOLTSVILL 23794	51.45	50.08	49.84	47.67	50.90	40.88	11.32	11.52	11.55	15.42	44.24	43.38	38.30	43.27	43.40	45.85	44.39	62.03	27.79	29.35	42.67	45.50	46.95	44.10
	1.01	1.18	0.97	0.74	0.64	0.50	0.19	0.47	0.46	0.58	1.33	1.33	1.13	1.26	1.33	0.95	0.71	0.77	0.35	0.27	0.36	0.58	0.45	0.06
	0.00	0.00	0.00	0.00	2.32	4.21	38.77	55.24	56.40	34.49	0.00	0.00	0.00	0.00	0.00	2.59	12.21	0.00	26.62	28.28	18.52	14.72	4.26	2.90
NYPA____HELLGATE_GT1 24158	52.38	49.70	41.93	35.57	35.58	41.17	51.57	68.63	69.94	51.51	45.03	44.17	39.01	44.03	44.21	49.54	57.90	63.05	55.77	59.01	62.57	61.57	52.39	48.02
	1.95	1.83	1.67	1.54	1.66	1.56	1.66	2.33	2.45	2.18	2.12	2.12	1.83	2.03	2.13	2.05	2.01	1.79	1.71	1.65	1.74	1.93	1.63	1.08
	0.01	1.02	8.60	12.90	18.67	4.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA____HELLGATE_GT2 24159	52.38	49.70	41.93	35.57	35.58	41.17	51.57	68.63	69.94	51.51	45.03	44.17	39.01	44.03	44.21	49.54	57.90	63.05	55.77	59.01	62.57	61.57	52.39	48.02
	1.95	1.83	1.67	1.54	1.66	1.56	1.66	2.33	2.45	2.18	2.12	2.12	1.83	2.03	2.13	2.05	2.01	1.79	1.71	1.65	1.74	1.93	1.63	1.08
	0.01	1.02	8.60	12.90	18.67	4.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYS_BARGE____HYD 23848	47.30	45.33	46.31	44.29	50.43	43.39	48.10	62.32	65.07	49.02	43.77	43.10	37.84	42.65	41.77	46.99	54.75	59.16	52.36	55.83	58.08	56.93	48.30	45.84
	-0.79	-1.55	-1.06	-0.90	-0.70	-0.55	-0.59	-1.70	-1.10	0.13	0.87	1.05	0.66	0.65	0.14	0.32	-0.81	-2.07	-1.71	-1.52	-1.94	-1.49	-0.98	-0.56
	2.35	2.01	1.50	1.75	1.46	0.66	1.22	2.27	1.31	0.44	0.00	0.00	0.00	0.00	0.44	0.82	0.33	0.03	0.00	0.03	0.82	1.23	1.47	0.55
OAK ORCHARD____HYD 24046	49.04	47.21	47.66	45.70	51.59	44.00	49.07	64.50	66.46	49.19	43.34	42.67	37.57	42.36	42.04	47.48	55.71	60.82	53.76	57.17	60.03	58.77	49.84	46.46
	-0.26	-0.71	-0.49	-0.39	-0.29	-0.28	-0.24	-0.70	-0.39	0.08	0.43	0.62	0.40	0.36	0.18	0.39	-0.01	-0.43	-0.30	-0.19	-0.41	-0.28	-0.21	-0.22
	1.14	0.97	0.73	0.85	0.71	0.32	0.59	1.10	0.63	0.21	0.00	0.00	0.00	0.00	0.21	0.40	0.16	0.02	0.00	0.01	0.40	0.59	0.71	0.27

OAKDALE___35_KV_LOAD 356122	50.49 0.04 0.00	48.90 0.00 0.00	49.02 0.15 0.00	47.10 0.16 0.00	52.81 0.23 0.00	44.72 0.12 0.00	49.97 0.06 0.00	66.38 0.08 0.00	67.53 0.05 0.00	49.48 0.15 0.00	43.18 0.27 0.00	42.47 0.42 0.00	37.50 0.33 0.00	42.41 0.41 0.00	42.27 0.19 0.00	47.78 0.28 0.00	56.03 0.14 0.00	61.03 -0.23 0.00	53.90 -0.16 0.00	57.24 -0.13 0.00	60.76 -0.08 0.00	59.64 0.00 0.00	50.76 0.00 0.00	46.84 -0.11 0.00
OCC_CHEM___DRP 24175	49.36 -1.09 0.00	46.96 -1.93 0.00	47.47 -1.40 0.00	45.71 -1.22 0.00	51.49 -1.09 0.00	43.47 -1.13 0.00	48.48 -1.43 0.00	63.35 -2.95 0.00	65.10 -2.38 0.00	48.81 -0.52 0.00	43.31 0.40 0.00	42.67 0.62 0.00	37.48 0.31 0.00	42.20 0.20 0.00	41.77 -0.30 0.00	47.11 -0.38 0.00	54.24 -1.65 0.00	58.36 -2.90 0.00	51.60 -2.46 0.00	55.06 -2.31 0.00	58.10 -2.74 0.00	57.43 -2.21 0.00	49.42 -1.34 0.00	45.97 -0.98 0.00
OH_GEN_PROXY 24063	46.54 -1.06 2.84	44.64 -1.82 2.43	45.75 -1.32 1.81	43.69 -1.14 2.10	49.86 -0.96 1.76	41.45 -1.01 2.14	47.31 -1.14 1.46	61.12 -2.43 2.74	24.87 -1.86 40.75	48.40 -0.40 0.53	43.35 0.44 0.00	42.70 0.65 0.00	37.52 0.35 0.00	42.26 0.26 0.00	41.29 -0.25 0.54	46.30 -0.16 1.03	54.23 -1.25 0.40	58.79 -2.43 0.04	52.00 -2.07 0.00	55.48 -1.86 0.03	57.61 -2.24 0.99	56.38 -1.78 1.48	47.76 -1.22 1.78	45.32 -0.96 0.66
OLIN_CORP_DRP 24177	49.02 -1.42 0.00	46.71 -2.18 0.00	47.17 -1.70 0.00	45.46 -1.47 0.00	51.22 -1.36 0.00	43.57 -1.02 0.00	48.78 -1.13 0.00	63.84 -2.46 0.00	65.64 -1.84 0.00	48.98 -0.35 0.00	43.40 0.50 0.00	42.77 0.72 0.00	37.56 0.39 0.00	42.30 0.30 0.00	41.86 -0.21 0.00	47.33 -0.17 0.00	54.42 -1.47 0.00	58.38 -2.88 0.00	51.60 -2.46 0.00	55.07 -2.30 0.00	58.04 -2.80 0.00	57.33 -2.31 0.00	49.08 -1.68 0.00	45.86 -1.09 0.00
OLIN_CORP_DSASP 323712	46.68 -1.07 2.70	44.70 -1.89 2.30	45.79 -1.37 1.71	43.76 -1.18 2.00	49.88 -1.03 1.67	42.73 -1.12 0.75	47.10 -1.41 1.40	60.76 -2.94 2.61	63.61 -2.38 1.50	48.30 -0.52 0.50	43.30 0.40 0.00	42.66 0.61 0.00	37.48 0.31 0.00	42.20 0.20 0.00	41.26 -0.30 0.51	46.17 -0.38 0.94	53.85 -1.66 0.38	58.32 -2.90 0.04	51.59 -2.47 0.00	55.03 -2.30 0.03	57.16 -2.74 0.94	56.02 -2.21 1.41	47.75 -1.32 1.69	45.35 -0.96 0.63
ONEIDA_HERK_LFGE 323681	51.83 1.39 0.00	50.21 1.32 0.00	50.23 1.36 0.00	48.29 1.36 0.00	54.09 1.51 0.00	45.91 1.31 0.00	51.48 1.57 0.00	68.45 2.15 0.00	69.62 2.14 0.00	50.65 1.33 0.00	43.85 0.94 0.00	42.75 0.70 0.00	37.72 0.55 0.00	42.80 0.79 0.00	42.77 0.69 0.00	48.40 0.91 0.00	57.18 1.29 0.00	63.25 1.99 0.00	55.95 1.89 0.00	59.37 2.00 0.00	62.92 2.09 0.00	61.69 2.04 0.00	52.38 1.63 0.00	48.35 1.40 0.00
ONEIDA___115KV_TB4 55905	51.67 1.23 0.00	50.09 1.20 0.00	50.16 1.30 0.00	48.28 1.35 0.00	54.10 1.52 0.00	45.90 1.31 0.00	51.46 1.55 0.00	68.47 2.17 0.00	69.61 2.13 0.00	50.73 1.40 0.00	43.98 1.07 0.00	43.09 1.03 0.00	37.96 0.79 0.00	43.14 1.13 0.00	43.11 1.04 0.00	48.71 1.22 0.00	57.45 1.56 0.00	63.35 2.09 0.00	55.79 1.73 0.00	59.13 1.76 0.00	62.69 1.85 0.00	61.40 1.75 0.00	52.14 1.38 0.00	48.09 1.15 0.00
ONONDAGA_REF_OCCRA 23987	49.94 -0.51 0.00	48.36 -0.54 0.00	48.38 -0.49 0.00	46.47 -0.47 0.00	52.07 -0.52 0.00	44.21 -0.39 0.00	49.51 -0.40 0.00	65.74 -0.57 0.00	66.93 -0.56 0.00	48.90 -0.43 0.00	42.62 -0.29 0.00	41.87 -0.19 0.00	36.98 -0.19 0.00	41.80 -0.20 0.00	41.78 -0.30 0.00	47.18 -0.31 0.00	55.51 -0.38 0.00	60.82 -0.44 0.00	53.68 -0.38 0.00	56.97 -0.40 0.00	60.38 -0.46 0.00	59.15 -0.49 0.00	50.31 -0.45 0.00	46.44 -0.51 0.00
ONONDAGA___COGEN 23986	49.85 -0.59 0.00	48.25 -0.64 0.00	48.27 -0.60 0.00	46.38 -0.56 0.00	51.97 -0.62 0.00	44.15 -0.45 0.00	49.42 -0.49 0.00	65.62 -0.68 0.00	66.80 -0.68 0.00	48.80 -0.53 0.00	42.53 -0.38 0.00	41.76 -0.29 0.00	36.92 -0.26 0.00	41.68 -0.33 0.00	41.63 -0.44 0.00	47.05 -0.45 0.00	55.35 -0.54 0.00	60.66 -0.60 0.00	53.56 -0.50 0.00	56.82 -0.55 0.00	60.22 -0.62 0.00	58.99 -0.65 0.00	50.17 -0.59 0.00	46.33 -0.61 0.00
ONTARIO___LFGE 23819	50.42 -0.02 0.00	48.74 -0.15 0.00	48.88 0.01 0.00	47.07 0.14 0.00	52.67 0.09 0.00	44.81 0.21 0.00	50.03 0.12 0.00	66.32 0.02 0.00	67.48 0.00 0.00	49.44 0.11 0.00	43.17 0.26 0.00	42.52 0.47 0.00	37.60 0.43 0.00	42.52 0.51 0.00	42.28 0.21 0.00	48.00 0.50 0.00	56.12 0.23 0.00	61.21 -0.05 0.00	54.12 0.06 0.00	57.53 0.16 0.00	60.87 0.03 0.00	59.68 0.04 0.00	50.84 0.08 0.00	47.03 0.08 0.00
ORANGEVILLE_WT_PWR 323706	49.40 -0.26 0.79	47.36 -0.86 0.68	47.95 -0.41 0.50	46.06 -0.28 0.59	52.00 -0.10 0.49	44.19 -0.19 0.22	49.26 -0.24 0.41	64.60 -0.94 0.76	66.20 -0.87 0.41	48.89 -0.30 0.14	43.13 0.22 0.00	42.68 0.63 0.00	37.37 0.20 0.00	42.50 0.49 0.00	42.01 0.08 0.15	47.67 0.45 0.28	55.47 -0.31 0.11	59.97 -1.28 0.01	53.05 -1.01 0.00	56.56 -0.80 0.01	59.58 -0.99 0.27	58.60 -0.63 0.41	49.94 -0.32 0.49	46.56 -0.20 0.18
ORANGEVILLE___ESR 323794	49.40 -0.26 0.79	47.36 -0.86 0.68	47.95 -0.41 0.50	46.06 -0.28 0.59	52.00 -0.10 0.49	44.19 -0.19 0.22	49.26 -0.24 0.41	64.60 -0.94 0.76	66.20 -0.87 0.41	48.89 -0.30 0.14	43.13 0.22 0.00	42.68 0.63 0.00	37.37 0.20 0.00	42.50 0.49 0.00	42.01 0.08 0.15	47.67 0.45 0.28	55.47 -0.31 0.11	59.97 -1.28 0.01	53.05 -1.01 0.00	56.56 -0.80 0.01	59.58 -0.99 0.27	58.60 -0.63 0.41	49.94 -0.32 0.49	46.56 -0.20 0.18
OSWEGATCHIE___HYD 24044	52.45 2.01 0.00	50.67 1.77 0.00	50.72 1.86 0.00	48.73 1.80 0.00	54.60 2.01 0.00	46.33 1.74 0.00	52.00 2.09 0.00	68.91 2.61 0.00	70.19 2.71 0.00	51.01 1.68 0.00	43.98 1.08 0.00	42.61 0.56 0.00	37.78 0.61 0.00	42.73 0.72 0.00	42.76 0.69 0.00	48.40 0.90 0.00	57.29 1.41 0.00	63.63 2.37 0.00	56.46 2.40 0.00	59.95 2.58 0.00	63.51 2.67 0.00	62.48 2.83 0.00	53.10 2.33 0.00	49.16 2.22 0.00
OSWEGO___5 23606	49.10 -1.35 0.00	47.54 -1.36 0.00	47.54 -1.33 0.00	45.68 -1.25 0.00	51.18 -1.40 0.00	43.46 -1.13 0.00	48.65 -1.25 0.00	64.55 -1.75 0.00	65.75 -1.73 0.00	48.07 -1.26 0.00	41.88 -1.03 0.00	41.09 -0.95 0.00	36.32 -0.85 0.00	41.01 -1.00 0.00	41.04 -1.04 0.00	46.33 -1.17 0.00	54.44 -1.44 0.00	59.69 -1.57 0.00	52.67 -1.40 0.00	55.92 -1.45 0.00	59.27 -1.57 0.00	58.08 -1.56 0.00	49.42 -1.34 0.00	45.66 -1.29 0.00
OSWEGO___6 23613	49.10 -1.35 0.00	47.54 -1.36 0.00	47.54 -1.33 0.00	45.68 -1.25 0.00	51.18 -1.40 0.00	43.46 -1.13 0.00	48.65 -1.25 0.00	64.55 -1.75 0.00	65.75 -1.73 0.00	48.07 -1.26 0.00	41.88 -1.03 0.00	41.09 -0.95 0.00	36.32 -0.85 0.00	41.01 -1.00 0.00	41.04 -1.04 0.00	46.33 -1.17 0.00	54.44 -1.44 0.00	59.69 -1.57 0.00	52.67 -1.40 0.00	55.92 -1.45 0.00	59.27 -1.57 0.00	58.08 -1.56 0.00	49.42 -1.34 0.00	45.66 -1.29 0.00

OUTOKUMPU-AB___DRP 24206	50.05 -0.39 0.00	47.68 -1.21 0.00	48.15 -0.72 0.00	46.36 -0.57 0.00	52.23 -0.35 0.00	44.20 -0.39 0.00	49.45 -0.46 0.00	64.76 -1.54 0.00	66.51 -0.97 0.00	49.63 0.31 0.00	43.94 1.04 0.00	43.27 1.22 0.00	38.02 0.85 0.00	42.84 0.84 0.00	42.41 0.34 0.00	47.98 0.49 0.00	55.34 -0.55 0.00	59.52 -1.74 0.00	52.64 -1.42 0.00	56.20 -1.17 0.00	59.30 -1.54 0.00	58.54 -1.10 0.00	50.20 -0.56 0.00	46.65 -0.29 0.00
OXBOW___BTM 323836	46.98 -0.77 2.70	45.01 -1.58 2.30	46.09 -1.07 1.71	44.03 -0.90 2.00	50.18 -0.73 1.67	43.05 -0.79 0.75	47.53 -0.98 1.40	61.39 -2.30 2.61	64.25 -1.73 1.50	48.68 -0.14 0.50	43.58 0.67 0.00	42.93 0.87 0.00	37.73 0.56 0.00	42.49 0.48 0.00	41.55 -0.01 0.51	46.58 0.03 0.94	54.36 -1.14 0.38	58.85 -2.37 0.04	52.10 -1.96 0.00	55.56 -1.78 0.03	57.73 -2.17 0.94	56.55 -1.68 1.40	48.09 -0.98 1.69	45.66 -0.66 0.62
OXBOW___ 24026	49.66 -0.78 0.00	47.28 -1.61 0.00	47.76 -1.11 0.00	45.99 -0.94 0.00	51.81 -0.77 0.00	43.79 -0.81 0.00	48.91 -0.99 0.00	63.98 -2.32 0.00	65.74 -1.74 0.00	49.18 -0.15 0.00	43.59 0.68 0.00	42.92 0.87 0.00	37.73 0.55 0.00	42.49 0.48 0.00	42.06 -0.02 0.00	47.52 0.02 0.00	54.75 -1.14 0.00	58.89 -2.37 0.00	52.10 -1.96 0.00	55.60 -1.77 0.00	58.66 -2.17 0.00	57.96 -1.69 0.00	49.77 -0.99 0.00	46.27 -0.67 0.00
OXY_CHEM_DSASP 323612	49.36 -1.09 0.00	46.96 -1.93 0.00	47.47 -1.40 0.00	45.71 -1.22 0.00	51.49 -1.09 0.00	43.47 -1.13 0.00	48.48 -1.43 0.00	63.35 -2.95 0.00	65.10 -2.38 0.00	48.81 -0.52 0.00	43.31 0.40 0.00	42.67 0.62 0.00	37.48 0.31 0.00	42.20 0.20 0.00	41.77 -0.30 0.00	47.11 -0.38 0.00	54.24 -1.65 0.00	58.36 -2.90 0.00	51.60 -2.46 0.00	55.06 -2.31 0.00	58.10 -2.74 0.00	57.43 -2.21 0.00	49.42 -1.34 0.00	45.97 -0.98 0.00
OZONE_PARK_ESR 323760	53.18 2.74 0.00	51.47 2.58 0.00	51.26 2.39 0.00	49.17 2.25 0.00	55.02 2.44 0.00	46.75 2.16 0.00	52.12 2.22 0.00	69.36 3.06 0.00	70.58 3.10 0.00	51.92 2.59 0.00	45.39 2.48 0.00	44.58 2.53 0.00	39.35 2.18 0.00	44.48 2.48 0.00	44.64 2.57 0.00	50.13 2.63 0.00	58.63 2.75 0.00	63.85 2.59 0.00	56.45 2.38 0.00	59.77 2.40 0.00	63.37 2.53 0.00	62.35 2.71 0.00	53.00 2.24 0.00	48.68 1.74 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	49.36 -1.09 0.00	46.96 -1.93 0.00	47.47 -1.40 0.00	45.71 -1.22 0.00	51.49 -1.09 0.00	43.47 -1.13 0.00	48.48 -1.43 0.00	63.35 -2.95 0.00	65.10 -2.38 0.00	48.81 -0.52 0.00	43.31 0.40 0.00	42.67 0.62 0.00	37.48 0.31 0.00	42.20 0.20 0.00	41.77 -0.30 0.00	47.11 -0.38 0.00	54.24 -1.65 0.00	58.36 -2.90 0.00	51.60 -2.46 0.00	55.06 -2.31 0.00	58.10 -2.74 0.00	57.43 -2.21 0.00	49.42 -1.34 0.00	45.97 -0.98 0.00
PACKARD___115KV_DUPONT_184 80571	46.68 -1.07 2.70	44.70 -1.89 2.30	45.79 -1.37 1.71	43.76 -1.18 2.00	49.88 -1.03 1.67	42.73 -1.12 0.75	47.10 -1.41 1.40	60.76 -2.94 2.61	63.61 -2.38 1.50	48.30 -0.52 0.50	43.30 0.40 0.00	42.66 0.61 0.00	37.48 0.31 0.00	42.20 0.20 0.00	41.26 -0.30 0.51	46.17 -0.38 0.94	53.85 -1.66 0.38	58.32 -2.90 0.04	51.59 -2.47 0.00	55.03 -2.30 0.03	57.16 -2.74 0.94	56.02 -2.21 1.41	47.75 -1.32 1.69	45.35 -0.96 0.63
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	52.45 2.01 0.00	49.77 1.89 1.02	42.02 1.76 8.60	35.66 1.64 12.90	35.66 1.74 18.67	41.27 1.66 4.99	51.69 1.78 0.00	68.77 2.46 0.00	69.96 2.48 0.00	51.50 2.17 0.00	44.97 2.06 0.00	44.15 2.09 0.00	39.00 1.83 0.00	44.04 2.04 0.00	44.21 2.14 0.00	49.58 2.09 0.00	57.98 2.09 0.00	63.16 1.90 0.00	55.92 1.86 0.00	59.18 1.81 0.00	62.76 1.92 0.00	61.74 2.10 0.00	52.52 1.76 0.00	48.15 1.20 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	53.43 2.99 0.00	50.70 2.82 1.02	42.99 2.72 8.60	36.60 2.57 12.90	36.72 2.80 18.67	42.19 2.59 4.99	52.73 2.82 0.00	70.06 3.76 0.00	71.41 3.92 0.00	52.56 3.23 0.00	45.84 2.93 0.00	44.98 2.93 0.00	39.75 2.58 0.00	44.85 2.85 0.00	45.02 2.95 0.00	50.48 2.99 0.00	59.00 3.11 0.00	64.30 3.05 0.00	57.12 3.06 0.00	60.29 2.92 0.00	63.86 3.02 0.00	62.89 3.25 0.00	53.51 2.75 0.00	49.03 2.09 0.00
PATROON___115KV_TB1 80586	50.56 0.11 0.00	49.14 0.25 0.00	48.98 0.11 0.00	46.97 0.04 0.00	52.57 -0.01 0.00	44.62 0.03 0.00	49.83 -0.08 0.00	66.34 0.04 0.00	67.33 -0.15 0.00	48.98 -0.35 0.00	42.47 -0.44 0.00	41.73 -0.33 0.00	37.10 -0.07 0.00	41.86 -0.14 0.00	42.09 0.02 0.00	47.52 0.02 0.00	56.15 0.27 0.00	61.60 0.34 0.00	54.32 0.25 0.00	57.57 0.20 0.00	61.16 0.32 0.00	59.88 0.24 0.00	50.84 0.08 0.00	46.91 -0.04 0.00
PATTRSNVILLE___SOLAR 323815	51.63 1.18 0.00	50.13 1.24 0.00	50.06 1.19 0.00	48.05 1.12 0.00	53.83 1.25 0.00	45.63 1.03 0.00	51.04 1.13 0.00	67.87 1.57 0.00	68.65 1.17 0.00	49.61 0.29 0.00	43.00 0.09 0.00	42.22 0.17 0.00	37.47 0.30 0.00	42.40 0.40 0.00	42.52 0.44 0.00	48.04 0.54 0.00	56.59 0.70 0.00	62.55 1.29 0.00	55.44 1.38 0.00	58.81 1.44 0.00	62.41 1.57 0.00	61.15 1.51 0.00	51.97 1.22 0.00	47.98 1.04 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	50.13 -0.32 0.00	47.81 -1.09 0.00	48.26 -0.61 0.00	46.44 -0.49 0.00	52.31 -0.27 0.00	44.25 -0.34 0.00	49.59 -0.31 0.00	65.16 -1.14 0.00	66.72 -0.76 0.00	49.58 0.25 0.00	43.80 0.89 0.00	43.10 1.05 0.00	37.89 0.71 0.00	42.76 0.76 0.00	42.33 0.25 0.00	47.99 0.50 0.00	55.51 -0.37 0.00	59.75 -1.51 0.00	52.86 -1.20 0.00	56.43 -0.94 0.00	59.73 -1.11 0.00	58.88 -0.76 0.00	50.33 -0.43 0.00	46.59 -0.36 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	52.78 2.33 0.00	51.17 2.27 0.00	51.01 2.14 0.00	48.92 1.99 0.00	54.74 2.17 0.00	46.47 1.88 0.00	51.79 1.89 0.00	69.01 2.71 0.00	70.22 2.74 0.00	51.54 2.21 0.00	44.95 2.04 0.00	44.13 2.08 0.00	38.99 1.82 0.00	44.12 2.11 0.00	44.32 2.25 0.00	49.84 2.34 0.00	58.37 2.48 0.00	63.64 2.38 0.00	56.24 2.18 0.00	59.52 2.15 0.00	63.14 2.30 0.00	62.10 2.46 0.00	52.79 2.04 0.00	48.49 1.55 0.00
PEEKSKILL___ 23653	52.47 2.02 0.00	50.84 1.95 0.00	50.65 1.78 0.00	48.56 1.64 0.00	54.35 1.78 0.00	46.17 1.57 0.00	51.43 1.52 0.00	68.45 2.14 0.00	69.62 2.14 0.00	51.16 1.83 0.00	44.69 1.78 0.00	43.92 1.87 0.00	38.81 1.64 0.00	43.84 1.84 0.00	43.98 1.91 0.00	49.40 1.90 0.00	57.80 1.91 0.00	62.98 1.72 0.00	55.64 1.58 0.00	58.90 1.53 0.00	62.49 1.65 0.00	61.47 1.83 0.00	52.29 1.53 0.00	48.05 1.11 0.00
PGE MADISON___WINDPWR 24146	53.49 3.05 0.00	51.87 2.98 0.00	52.03 3.16 0.00	49.83 2.90 0.00	55.88 3.30 0.00	47.43 2.83 0.00	53.19 3.28 0.00	71.03 4.73 0.00	72.08 4.60 0.00	52.18 2.85 0.00	45.08 2.17 0.00	44.31 2.27 0.00	39.16 1.98 0.00	44.59 2.59 0.00	44.63 2.55 0.00	50.50 3.01 0.00	59.85 3.96 0.00	65.85 4.59 0.00	58.25 4.19 0.00	61.73 4.35 0.00	65.30 4.47 0.00	63.96 4.32 0.00	54.24 3.48 0.00	49.90 2.95 0.00

PIERCEFIELD___HYD 23852	52.73 2.28 0.00	50.86 1.97 0.00	50.90 2.03 0.00	48.89 1.96 0.00	54.83 2.25 0.00	46.51 1.92 0.00	52.22 2.31 0.00	69.34 3.04 0.00	70.69 3.21 0.00	51.50 2.17 0.00	44.57 1.66 0.00	43.30 1.26 0.00	38.25 1.07 0.00	43.18 1.18 0.00	43.21 1.14 0.00	48.78 1.28 0.00	57.90 2.01 0.00	64.03 2.77 0.00	56.67 2.61 0.00	60.20 2.83 0.00	63.70 2.86 0.00	62.47 2.83 0.00	53.17 2.41 0.00	49.41 2.47 0.00
PINELAWN_CC_1 323563	52.19 1.75 0.00	50.66 1.77 0.00	50.41 1.54 0.00	48.23 1.30 0.00	51.91 1.28 1.96	42.07 1.04 3.57	16.94 0.77 33.73	20.47 1.20 47.03	19.42 1.19 49.25	20.59 1.14 29.88	44.65 1.74 0.00	43.73 1.68 0.00	38.63 1.46 0.00	43.62 1.62 0.00	43.49 1.41 0.00	46.34 1.02 2.19	46.29 0.69 10.29	61.73 0.47 0.00	31.82 0.20 22.44	33.59 0.07 23.84	45.58 0.36 15.62	47.91 0.68 12.41	48.24 1.07 3.59	45.16 0.67 2.45
PJM_GEN_HTTP_PROXY 323702	52.73 2.29 0.00	51.07 2.18 0.00	50.85 1.98 0.00	48.73 1.80 0.00	54.57 1.99 0.00	46.63 1.78 -0.25	52.35 1.78 -0.66	68.79 2.49 0.00	69.99 2.50 0.00	51.47 2.14 0.00	44.97 2.06 0.00	44.18 2.13 0.00	39.00 1.83 0.00	44.08 2.08 0.00	44.22 2.15 0.00	49.65 2.16 0.00	57.73 2.19 0.34	63.23 1.97 0.00	56.88 1.83 -0.98	59.16 1.79 0.00	62.76 1.92 0.00	61.73 2.09 0.00	52.50 1.74 0.00	48.23 1.28 0.00
PJM_GEN_KEystone 24065	48.27 0.56 2.74	46.85 0.30 2.34	47.56 0.43 1.74	45.33 0.43 2.03	51.44 0.56 1.70	44.52 0.43 0.51	49.47 0.32 0.76	63.94 0.29 2.65	66.28 0.32 1.53	49.48 0.67 0.51	43.86 0.96 0.00	43.18 1.13 0.00	38.10 0.93 0.00	43.02 1.02 0.00	42.30 0.74 0.52	47.32 0.78 0.96	55.52 0.37 0.73	60.95 -0.27 0.04	54.90 -0.15 -0.98	57.27 -0.07 0.03	59.83 -0.06 0.95	58.42 0.21 1.43	49.25 0.21 1.72	46.31 0.00 0.63
PJM_GEN_NEPTUNE_PROXY 323594	51.91 1.47 0.00	50.40 1.51 0.00	50.18 1.31 0.00	48.03 1.10 0.00	51.17 1.08 2.50	41.22 0.90 4.27	9.51 0.60 41.00	7.93 0.96 59.34	7.80 0.94 60.61	13.25 0.99 37.06	44.49 1.58 0.00	43.63 1.58 0.00	38.52 1.35 0.00	43.54 1.53 0.00	43.63 1.55 0.00	45.96 1.25 2.79	43.50 1.08 13.46	62.25 0.99 0.00	27.15 0.72 27.63	27.59 0.62 30.40	41.66 0.73 19.91	44.72 0.90 15.82	46.98 0.80 4.58	44.29 0.47 3.12
PJM_GEN_VFT_PROXY 323633	52.53 2.09 0.00	50.86 1.97 0.00	50.66 1.79 0.00	48.55 1.62 0.00	54.34 1.77 0.00	46.48 1.62 -0.25	52.20 1.63 -0.66	68.59 2.29 0.00	69.80 2.32 0.00	51.33 2.00 0.00	44.86 1.95 0.00	44.08 2.04 0.00	38.94 1.77 0.00	43.99 1.99 0.00	44.13 2.06 0.00	49.54 2.05 0.00	57.60 2.06 0.34	63.08 1.82 0.00	56.78 1.73 -0.98	59.07 1.70 0.00	62.64 1.80 0.00	61.64 2.00 0.00	52.36 1.60 0.00	48.07 1.13 0.00
PLATSBURG_115KV_PMLD1 355749	51.63 1.19 0.00	49.89 1.00 0.00	49.88 1.01 0.00	47.89 0.96 0.00	53.70 1.12 0.00	45.55 0.96 0.00	50.92 1.01 0.00	67.75 1.44 0.00	68.93 1.45 0.00	50.52 1.19 0.00	43.86 0.95 0.00	42.70 0.65 0.00	37.65 0.48 0.00	42.62 0.62 0.00	42.77 0.70 0.00	48.50 1.00 0.00	56.99 1.10 0.00	62.65 1.39 0.00	55.21 1.15 0.00	58.73 1.36 0.00	62.16 1.32 0.00	60.69 1.05 0.00	51.98 1.22 0.00	48.40 1.46 0.00
PLEASANTVLY___LBMP 24000	51.97 1.53 0.00	50.42 1.53 0.00	50.28 1.41 0.00	48.22 1.29 0.00	53.97 1.39 0.00	45.79 1.19 0.00	50.98 1.07 0.00	67.84 1.54 0.00	69.00 1.52 0.00	50.65 1.33 0.00	44.19 1.28 0.00	43.40 1.35 0.00	38.37 1.19 0.00	43.43 1.43 0.00	43.62 1.54 0.00	49.02 1.53 0.00	57.43 1.54 0.00	62.60 1.34 0.00	55.29 1.23 0.00	58.54 1.17 0.00	62.14 1.30 0.00	61.11 1.47 0.00	51.99 1.23 0.00	47.81 0.87 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	52.51 2.06 0.00	50.90 2.01 0.00	50.75 1.88 0.00	48.65 1.72 0.00	54.43 1.86 0.00	46.21 1.62 0.00	51.45 1.54 0.00	68.49 2.20 0.00	69.68 2.20 0.00	51.20 1.87 0.00	44.72 1.81 0.00	43.92 1.87 0.00	38.81 1.63 0.00	43.86 1.86 0.00	44.04 1.97 0.00	49.47 1.97 0.00	57.88 1.99 0.00	63.10 1.83 0.00	55.75 1.69 0.00	59.03 1.66 0.00	62.64 1.80 0.00	61.60 1.96 0.00	52.40 1.65 0.00	48.16 1.21 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	52.51 2.06 0.00	50.90 2.01 0.00	50.75 1.88 0.00	48.65 1.72 0.00	54.43 1.86 0.00	46.21 1.62 0.00	51.45 1.54 0.00	68.49 2.20 0.00	69.68 2.20 0.00	51.20 1.87 0.00	44.72 1.81 0.00	43.92 1.87 0.00	38.81 1.63 0.00	43.86 1.86 0.00	44.04 1.97 0.00	49.47 1.97 0.00	57.88 1.99 0.00	63.10 1.83 0.00	55.75 1.69 0.00	59.03 1.66 0.00	62.64 1.80 0.00	61.60 1.96 0.00	52.40 1.65 0.00	48.16 1.21 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	52.38 1.94 0.00	50.81 1.92 0.00	50.69 1.82 0.00	48.60 1.67 0.00	54.39 1.81 0.00	46.15 1.55 0.00	51.43 1.52 0.00	68.50 2.20 0.00	69.64 2.16 0.00	51.05 1.72 0.00	44.46 1.55 0.00	43.62 1.57 0.00	38.59 1.42 0.00	43.70 1.70 0.00	43.93 1.86 0.00	49.42 1.92 0.00	57.97 2.08 0.00	63.28 2.02 0.00	55.91 1.85 0.00	59.19 1.82 0.00	62.82 1.98 0.00	61.75 2.11 0.00	52.50 1.74 0.00	48.27 1.33 0.00
POLETTI____ 23519	51.83 1.38 0.00	49.15 1.27 1.02	41.42 1.15 8.60	35.10 1.07 12.90	35.02 1.10 18.67	40.67 1.07 5.00	50.97 1.07 0.00	67.89 1.59 0.00	69.20 1.72 0.00	51.00 1.67 0.00	44.59 1.68 0.00	43.71 1.66 0.00	38.60 1.42 0.00	43.57 1.56 0.00	43.76 1.68 0.00	49.04 1.55 0.00	57.34 1.45 0.00	62.43 1.17 0.00	55.17 1.11 0.01	58.36 1.00 0.01	61.89 1.06 0.01	60.90 1.27 0.01	51.82 1.06 0.01	47.48 0.54 0.01
POMONA___ESR 323819	52.56 2.12 0.00	50.91 2.01 0.00	50.75 1.88 0.00	48.66 1.73 0.00	54.45 1.87 0.00	46.26 1.67 0.00	51.54 1.63 0.00	68.60 2.30 0.00	69.76 2.28 0.00	51.24 1.91 0.00	44.76 1.85 0.00	44.00 1.94 0.00	38.90 1.73 0.00	43.94 1.94 0.00	44.08 2.00 0.00	49.50 2.01 0.00	57.92 2.03 0.00	63.10 1.84 0.00	55.75 1.68 0.00	59.03 1.66 0.00	62.64 1.80 0.00	61.63 1.99 0.00	52.41 1.66 0.00	48.15 1.21 0.00
PORT_JEFF_3 23555	51.54 1.10 0.00	50.15 1.26 0.00	49.91 1.04 0.00	47.74 0.81 0.00	50.98 0.72 2.32	40.96 0.57 4.21	11.49 0.28 38.69	11.76 0.59 55.13	11.79 0.59 56.28	15.58 0.68 34.42	44.31 1.40 0.00	43.43 1.38 0.00	38.37 1.19 0.00	43.33 1.33 0.00	43.47 1.40 0.00	45.95 1.04 2.59	44.53 0.83 12.19	62.17 0.92 0.00	27.92 0.43 26.57	29.50 0.35 28.23	42.84 0.49 18.49	45.66 0.71 14.69	47.06 0.55 4.25	44.18 0.13 2.90
PORT_JEFF_4 23616	51.54 1.10 0.00	50.15 1.26 0.00	49.91 1.04 0.00	47.74 0.81 0.00	50.98 0.72 2.32	40.96 0.57 4.21	11.49 0.28 38.69	11.76 0.59 55.13	11.79 0.59 56.28	15.58 0.68 34.42	44.31 1.40 0.00	43.43 1.38 0.00	38.37 1.19 0.00	43.33 1.33 0.00	43.47 1.40 0.00	45.95 1.04 2.59	44.53 0.83 12.19	62.17 0.92 0.00	27.92 0.43 26.57	29.50 0.35 28.23	42.84 0.49 18.49	45.66 0.71 14.69	47.06 0.55 4.25	44.18 0.13 2.90

PORT_JEFF_IC 23713	51.60 1.15 0.00	50.19 1.30 0.00	49.98 1.11 0.00	47.83 0.90 0.00	51.07 0.80 2.30	41.05 0.63 4.18	11.83 0.36 38.43	12.24 0.70 54.76	12.29 0.71 55.90	15.92 0.78 34.19	44.36 1.45 0.00	43.48 1.43 0.00	38.40 1.22 0.00	43.36 1.36 0.00	43.51 1.44 0.00	46.03 1.11 2.57	44.68 0.89 12.10	62.26 1.00 0.00	28.06 0.39 26.39	29.66 0.32 28.03	43.05 0.57 18.36	45.83 0.78 14.59	47.14 0.60 4.22	44.24 0.17 2.88
PPL PILGRIM_ST_GT1 24216	52.19 1.75 0.00	50.67 1.77 0.00	50.45 1.59 0.00	48.26 1.33 0.00	51.68 1.33 2.23	41.61 1.06 4.05	13.49 0.77 37.18	14.56 1.25 52.99	14.60 1.19 54.07	17.42 1.17 33.08	44.75 1.84 0.00	43.85 1.80 0.00	38.78 1.61 0.00	43.72 1.72 0.00	43.93 1.86 0.00	46.51 1.50 2.49	45.50 1.32 11.71	62.72 1.46 0.00	29.48 0.94 25.53	31.09 0.83 27.12	44.05 0.98 17.76	46.64 1.11 14.11	47.75 1.08 4.09	44.87 0.71 2.79
PPL PILGRIM_ST_GT2 24217	52.19 1.75 0.00	50.67 1.77 0.00	50.45 1.59 0.00	48.26 1.33 0.00	51.68 1.33 2.23	41.61 1.06 4.05	13.49 0.77 37.18	14.56 1.25 52.99	14.60 1.19 54.07	17.42 1.17 33.08	44.75 1.84 0.00	43.85 1.80 0.00	38.78 1.61 0.00	43.72 1.72 0.00	43.93 1.86 0.00	46.51 1.50 2.49	45.50 1.32 11.71	62.72 1.46 0.00	29.48 0.94 25.53	31.09 0.83 27.12	44.05 0.98 17.76	46.64 1.11 14.11	47.75 1.08 4.09	44.87 0.71 2.79
PPL_SHRM_GT3 24213	25.14 0.49 25.80	37.50 0.69 12.08	41.45 0.47 7.89	35.94 0.25 11.25	21.41 0.06 31.24	24.84 0.03 19.78	11.06 -0.28 38.56	11.23 -0.13 54.94	11.27 -0.13 56.09	14.51 0.10 34.92	39.76 0.96 4.11	39.47 1.00 3.58	37.96 0.90 0.10	39.52 0.99 3.47	42.75 1.09 0.42	45.61 0.69 2.58	44.13 0.38 12.14	61.81 0.55 0.00	27.62 0.04 26.48	29.20 -0.04 28.13	42.41 0.00 18.42	45.29 0.28 14.64	46.66 0.14 4.24	43.72 -0.34 2.89
PPL_SHRM_GT4 24214	25.14 0.49 25.80	37.50 0.69 12.08	41.45 0.47 7.89	35.94 0.25 11.25	21.41 0.06 31.24	24.84 0.03 19.78	11.06 -0.28 38.56	11.23 -0.13 54.94	11.27 -0.13 56.09	14.51 0.10 34.92	39.76 0.96 4.11	39.47 1.00 3.58	37.96 0.90 0.10	39.52 0.99 3.47	42.75 1.09 0.42	45.61 0.69 2.58	44.13 0.38 12.14	61.81 0.55 0.00	27.62 0.04 26.48	29.20 -0.04 28.13	42.41 0.00 18.42	45.29 0.28 14.64	46.66 0.14 4.24	43.72 -0.34 2.89
PROJECT___ORANGE 1 24174	49.58 -0.87 0.00	48.01 -0.88 0.00	48.01 -0.86 0.00	46.12 -0.81 0.00	51.69 -0.89 0.00	43.89 -0.70 0.00	49.15 -0.76 0.00	65.24 -1.06 0.00	66.42 -1.06 0.00	48.56 -0.76 0.00	42.34 -0.57 0.00	41.59 -0.46 0.00	36.75 -0.42 0.00	41.50 -0.50 0.00	41.50 -0.57 0.00	46.86 -0.63 0.00	55.11 -0.78 0.00	60.36 -0.90 0.00	53.26 -0.80 0.00	56.52 -0.85 0.00	59.91 -0.93 0.00	58.71 -0.93 0.00	49.94 -0.82 0.00	46.11 -0.83 0.00
PROJECT___ORANGE 2 24166	49.58 -0.87 0.00	48.01 -0.88 0.00	48.01 -0.86 0.00	46.12 -0.81 0.00	51.69 -0.89 0.00	43.89 -0.70 0.00	49.15 -0.76 0.00	65.24 -1.06 0.00	66.42 -1.06 0.00	48.56 -0.76 0.00	42.34 -0.57 0.00	41.59 -0.46 0.00	36.75 -0.42 0.00	41.50 -0.50 0.00	41.50 -0.57 0.00	46.86 -0.63 0.00	55.11 -0.78 0.00	60.36 -0.90 0.00	53.26 -0.80 0.00	56.52 -0.85 0.00	59.91 -0.93 0.00	58.71 -0.93 0.00	49.94 -0.82 0.00	46.11 -0.83 0.00
PUCKETT___SOLAR 323809	52.05 0.80 -0.80	50.34 0.77 -0.68	50.30 0.92 -0.51	48.36 0.84 -0.60	54.07 0.99 -0.50	45.60 0.78 -0.22	51.14 0.81 -0.42	68.28 1.21 -0.77	69.06 1.13 -0.44	50.19 0.71 -0.15	43.51 0.61 0.00	42.79 0.73 0.00	37.78 0.61 0.00	42.71 0.71 0.00	42.93 0.71 -0.15	48.66 0.88 -0.28	56.99 0.99 -0.11	62.19 0.92 -0.01	54.97 0.91 0.00	58.37 0.98 -0.01	62.16 1.04 -0.28	61.14 1.08 -0.42	52.14 0.88 -0.50	47.79 0.66 -0.19
PYRITES___HYD 24023	53.41 2.96 0.00	51.50 2.60 0.00	51.55 2.68 0.00	49.50 2.57 0.00	55.53 2.95 0.00	47.13 2.53 0.00	52.96 3.05 0.00	70.37 4.06 0.00	71.63 4.15 0.00	51.94 2.62 0.00	44.94 2.03 0.00	43.64 1.59 0.00	38.51 1.34 0.00	43.43 1.42 0.00	43.52 1.45 0.00	48.92 1.42 0.00	58.46 2.57 0.00	64.89 3.63 0.00	57.49 3.43 0.00	61.11 3.74 0.00	64.61 3.77 0.00	63.31 3.67 0.00	53.86 3.10 0.00	50.04 3.10 0.00
QUAKERRD_115KV_BK1 80622	48.97 -1.47 0.00	47.12 -1.78 0.00	47.26 -1.61 0.00	45.44 -1.49 0.00	51.02 -1.56 0.00	43.27 -1.32 0.00	48.49 -1.42 0.00	64.15 -2.15 0.00	65.53 -1.95 0.00	48.18 -1.15 0.00	42.21 -0.69 0.00	41.50 -0.55 0.00	36.59 -0.58 0.00	41.27 -0.73 0.00	41.19 -0.89 0.00	46.62 -0.88 0.00	54.53 -1.36 0.00	59.46 -1.80 0.00	52.53 -1.53 0.00	55.84 -1.53 0.00	59.03 -1.81 0.00	57.94 -1.70 0.00	49.33 -1.43 0.00	45.57 -1.37 0.00
QUENSBRY_115KV_TB8 356137	51.91 1.47 0.00	50.57 1.68 0.00	50.36 1.50 0.00	48.34 1.41 0.00	54.24 1.66 0.00	45.92 1.32 0.00	51.64 1.74 0.00	68.72 2.42 0.00	69.46 1.98 0.00	49.92 0.59 0.00	42.96 0.05 0.00	42.41 0.36 0.00	37.72 0.55 0.00	42.57 0.56 0.00	43.05 0.97 0.00	48.89 1.40 0.00	57.77 1.88 0.00	63.94 2.68 0.00	56.31 2.25 0.00	59.87 2.50 0.00	63.42 2.58 0.00	61.51 1.87 0.00	52.33 1.57 0.00	48.44 1.49 0.00
RAMAPO___LBMP 323565	52.36 1.91 0.00	50.73 1.84 0.00	50.58 1.71 0.00	48.52 1.59 0.00	54.28 1.70 0.00	46.11 1.51 0.00	51.35 1.45 0.00	68.36 2.06 0.00	69.50 2.02 0.00	51.04 1.71 0.00	44.57 1.66 0.00	43.82 1.77 0.00	38.74 1.57 0.00	43.77 1.76 0.00	43.90 1.83 0.00	49.31 1.82 0.00	57.69 1.81 0.00	62.86 1.60 0.00	55.53 1.47 0.00	58.81 1.44 0.00	62.40 1.56 0.00	61.41 1.77 0.00	52.23 1.47 0.00	47.99 1.05 0.00
RANKINE____ 23646	50.24 -0.20 0.00	47.90 -0.99 0.00	48.36 -0.51 0.00	46.55 -0.38 0.00	52.43 -0.15 0.00	44.38 -0.22 0.00	49.70 -0.21 0.00	65.24 -1.06 0.00	66.89 -0.59 0.00	49.73 0.40 0.00	43.94 1.04 0.00	43.29 1.24 0.00	38.03 0.86 0.00	42.90 0.90 0.00	42.47 0.40 0.00	48.15 0.66 0.00	55.69 -0.20 0.00	59.92 -1.34 0.00	53.03 -1.03 0.00	56.59 -0.78 0.00	59.81 -1.03 0.00	58.98 -0.66 0.00	50.48 -0.28 0.00	46.78 -0.17 0.00
RAVENSWOOD_GT2_1 24244	52.77 2.33 0.00	51.10 2.21 0.00	50.91 2.04 0.00	48.83 1.90 0.00	54.63 2.05 0.00	46.43 1.83 0.00	51.74 1.83 0.00	68.84 2.54 0.00	70.02 2.54 0.00	51.51 2.18 0.00	45.02 2.11 0.00	44.23 2.18 0.00	39.05 1.88 0.00	44.13 2.12 0.00	44.28 2.21 0.00	49.70 2.21 0.00	58.14 2.25 0.00	63.30 2.04 0.00	55.96 1.90 0.00	59.25 1.88 0.00	62.83 1.99 0.00	61.83 2.18 0.00	52.58 1.83 0.00	48.29 1.35 0.00
RAVENSWOOD_GT2_2 24245	52.77 2.33 0.00	51.10 2.21 0.00	50.91 2.04 0.00	48.83 1.90 0.00	54.63 2.05 0.00	46.43 1.83 0.00	51.74 1.83 0.00	68.84 2.54 0.00	70.02 2.54 0.00	51.51 2.18 0.00	45.02 2.11 0.00	44.23 2.18 0.00	39.05 1.88 0.00	44.13 2.12 0.00	44.28 2.21 0.00	49.70 2.21 0.00	58.14 2.25 0.00	63.30 2.04 0.00	55.96 1.90 0.00	59.25 1.88 0.00	62.83 1.99 0.00	61.83 2.18 0.00	52.58 1.83 0.00	48.29 1.35 0.00

RAVENSWOOD_GT2_3 24246	52.79 2.34 0.00	51.11 2.22 0.00	50.92 2.06 0.00	48.85 1.92 0.00	54.65 2.07 0.00	46.45 1.85 0.00	51.75 1.84 0.00	68.87 2.57 0.00	70.04 2.56 0.00	51.53 2.20 0.00	45.04 2.14 0.00	44.25 2.20 0.00	39.07 1.90 0.00	44.15 2.14 0.00	44.30 2.22 0.00	49.73 2.23 0.00	58.16 2.27 0.00	63.33 2.07 0.00	56.00 1.94 0.00	59.27 1.90 0.00	62.86 2.02 0.00	61.85 2.21 0.00	52.60 1.84 0.00	48.31 1.37 0.00
RAVENSWOOD_GT2_4 24247	52.79 2.34 0.00	51.11 2.22 0.00	50.92 2.06 0.00	48.85 1.92 0.00	54.65 2.07 0.00	46.45 1.85 0.00	51.75 1.84 0.00	68.87 2.57 0.00	70.04 2.56 0.00	51.53 2.20 0.00	45.04 2.14 0.00	44.25 2.20 0.00	39.07 1.90 0.00	44.15 2.14 0.00	44.30 2.22 0.00	49.73 2.23 0.00	58.16 2.27 0.00	63.33 2.07 0.00	56.00 1.94 0.00	59.27 1.90 0.00	62.86 2.02 0.00	61.85 2.21 0.00	52.60 1.84 0.00	48.31 1.37 0.00
RAVENSWOOD_GT3_1 24248	52.77 2.33 0.00	51.10 2.21 0.00	50.91 2.04 0.00	48.84 1.91 0.00	54.64 2.06 0.00	46.43 1.84 0.00	51.74 1.83 0.00	68.84 2.54 0.00	70.02 2.54 0.00	51.51 2.18 0.00	45.02 2.11 0.00	44.23 2.18 0.00	39.05 1.88 0.00	44.13 2.12 0.00	44.28 2.21 0.00	49.70 2.21 0.00	58.14 2.25 0.00	63.30 2.04 0.00	55.96 1.90 0.00	59.25 1.88 0.00	62.83 1.99 0.00	61.83 2.18 0.00	52.58 1.83 0.00	48.29 1.35 0.00
RAVENSWOOD_GT3_2 24249	52.77 2.33 0.00	51.10 2.21 0.00	50.91 2.04 0.00	48.84 1.91 0.00	54.64 2.06 0.00	46.43 1.84 0.00	51.74 1.83 0.00	68.84 2.54 0.00	70.02 2.54 0.00	51.51 2.18 0.00	45.02 2.11 0.00	44.23 2.18 0.00	39.05 1.88 0.00	44.13 2.12 0.00	44.28 2.21 0.00	49.70 2.21 0.00	58.14 2.25 0.00	63.30 2.04 0.00	55.96 1.90 0.00	59.25 1.88 0.00	62.83 1.99 0.00	61.83 2.18 0.00	52.58 1.83 0.00	48.29 1.35 0.00
RAVENSWOOD_GT3_3 24250	52.84 2.39 0.00	51.16 2.27 0.00	50.97 2.10 0.00	48.90 1.96 0.00	54.70 2.12 0.00	46.49 1.89 0.00	51.79 1.89 0.00	68.93 2.63 0.00	70.12 2.63 0.00	51.59 2.26 0.00	45.09 2.18 0.00	44.31 2.26 0.00	39.12 1.94 0.00	44.19 2.19 0.00	44.35 2.27 0.00	49.79 2.29 0.00	58.22 2.34 0.00	63.40 2.14 0.00	56.06 2.00 0.00	59.33 1.96 0.00	62.93 2.09 0.00	61.92 2.28 0.00	52.67 1.91 0.00	48.36 1.42 0.00
RAVENSWOOD_GT3_4 24251	52.84 2.39 0.00	51.16 2.27 0.00	50.97 2.10 0.00	48.90 1.96 0.00	54.70 2.12 0.00	46.49 1.89 0.00	51.79 1.89 0.00	68.93 2.63 0.00	70.12 2.63 0.00	51.59 2.26 0.00	45.09 2.18 0.00	44.31 2.26 0.00	39.12 1.94 0.00	44.19 2.19 0.00	44.35 2.27 0.00	49.79 2.29 0.00	58.22 2.34 0.00	63.40 2.14 0.00	56.06 2.00 0.00	59.33 1.96 0.00	62.93 2.09 0.00	61.92 2.28 0.00	52.67 1.91 0.00	48.36 1.42 0.00
RAVENSWOOD_GT_1 23729	52.84 2.40 0.00	51.15 2.26 0.00	50.99 2.12 0.00	48.92 1.99 0.00	54.72 2.14 0.00	46.53 1.94 0.00	51.89 1.98 0.00	69.03 2.73 0.00	70.20 2.72 0.00	51.68 2.35 0.00	45.16 2.25 0.00	44.37 2.32 0.00	39.19 2.01 0.00	44.26 2.26 0.00	44.42 2.35 0.00	49.84 2.34 0.00	58.27 2.38 0.00	63.42 2.16 0.00	56.08 2.02 0.00	59.36 1.99 0.00	62.94 2.10 0.00	61.93 2.28 0.00	52.71 1.95 0.00	48.39 1.44 0.00
RAVENSWOOD_GT_10 24258	52.77 2.33 0.00	51.10 2.21 0.00	50.91 2.04 0.00	48.83 1.90 0.00	54.63 2.06 0.00	46.43 1.83 0.00	51.74 1.83 0.00	68.83 2.53 0.00	70.02 2.54 0.00	51.51 2.18 0.00	45.02 2.11 0.00	44.22 2.17 0.00	39.05 1.88 0.00	44.13 2.12 0.00	44.28 2.21 0.00	49.70 2.21 0.00	58.14 2.25 0.00	63.30 2.04 0.00	55.96 1.90 0.00	59.25 1.88 0.00	62.83 1.99 0.00	61.83 2.18 0.00	52.58 1.82 0.00	48.30 1.36 0.00
RAVENSWOOD_GT_11 24259	52.77 2.33 0.00	51.10 2.21 0.00	50.91 2.04 0.00	48.83 1.90 0.00	54.63 2.06 0.00	46.43 1.83 0.00	51.74 1.83 0.00	68.83 2.53 0.00	70.02 2.54 0.00	51.51 2.18 0.00	45.02 2.11 0.00	44.22 2.17 0.00	39.05 1.88 0.00	44.13 2.12 0.00	44.28 2.21 0.00	49.70 2.21 0.00	58.14 2.25 0.00	63.30 2.04 0.00	55.96 1.90 0.00	59.25 1.88 0.00	62.83 1.99 0.00	61.83 2.18 0.00	52.58 1.82 0.00	48.30 1.36 0.00
RAVENSWOOD_GT_4 24252	52.76 2.31 0.00	51.08 2.18 0.00	50.91 2.05 0.00	48.85 1.92 0.00	54.65 2.07 0.00	46.45 1.85 0.00	51.77 1.86 0.00	68.88 2.58 0.00	70.05 2.57 0.00	51.54 2.21 0.00	45.04 2.14 0.00	44.25 2.20 0.00	39.07 1.90 0.00	44.14 2.14 0.00	44.30 2.22 0.00	49.71 2.22 0.00	58.15 2.27 0.00	63.31 2.05 0.00	55.98 1.92 0.00	59.25 1.88 0.00	62.84 2.00 0.00	61.83 2.18 0.00	52.60 1.84 0.00	48.30 1.36 0.00
RAVENSWOOD_GT_5 24254	52.76 2.31 0.00	51.08 2.18 0.00	50.91 2.05 0.00	48.85 1.92 0.00	54.65 2.07 0.00	46.45 1.85 0.00	51.77 1.86 0.00	68.88 2.58 0.00	70.05 2.57 0.00	51.54 2.21 0.00	45.04 2.14 0.00	44.25 2.20 0.00	39.07 1.90 0.00	44.14 2.14 0.00	44.30 2.22 0.00	49.71 2.22 0.00	58.15 2.27 0.00	63.31 2.05 0.00	55.98 1.92 0.00	59.25 1.88 0.00	62.84 2.00 0.00	61.83 2.18 0.00	52.60 1.84 0.00	48.30 1.36 0.00
RAVENSWOOD_GT_6 24253	52.76 2.31 0.00	51.08 2.18 0.00	50.91 2.05 0.00	48.85 1.92 0.00	54.65 2.07 0.00	46.45 1.85 0.00	51.77 1.86 0.00	68.88 2.58 0.00	70.05 2.57 0.00	51.54 2.21 0.00	45.04 2.14 0.00	44.25 2.20 0.00	39.07 1.90 0.00	44.14 2.14 0.00	44.30 2.22 0.00	49.71 2.22 0.00	58.15 2.27 0.00	63.31 2.05 0.00	55.98 1.92 0.00	59.25 1.88 0.00	62.84 2.00 0.00	61.83 2.18 0.00	52.60 1.84 0.00	48.30 1.36 0.00
RAVENSWOOD_GT_7 24255	52.76 2.31 0.00	51.08 2.18 0.00	50.91 2.05 0.00	48.85 1.92 0.00	54.65 2.07 0.00	46.45 1.85 0.00	51.77 1.86 0.00	68.88 2.58 0.00	70.05 2.57 0.00	51.54 2.21 0.00	45.04 2.14 0.00	44.25 2.20 0.00	39.07 1.90 0.00	44.14 2.14 0.00	44.30 2.22 0.00	49.71 2.22 0.00	58.15 2.27 0.00	63.31 2.05 0.00	55.98 1.92 0.00	59.25 1.88 0.00	62.84 2.00 0.00	61.83 2.18 0.00	52.60 1.84 0.00	48.30 1.36 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	52.77 2.33 0.00	51.10 2.21 0.00	50.91 2.04 0.00	48.83 1.90 0.00	54.63 2.06 0.00	46.43 1.83 0.00	51.74 1.83 0.00	68.83 2.53 0.00	70.02 2.54 0.00	51.51 2.18 0.00	45.02 2.11 0.00	44.22 2.17 0.00	39.05 1.88 0.00	44.13 2.12 0.00	44.28 2.21 0.00	49.70 2.21 0.00	58.14 2.25 0.00	63.30 2.04 0.00	55.96 1.90 0.00	59.25 1.88 0.00	62.83 1.99 0.00	61.83 2.18 0.00	52.58 1.82 0.00	48.30 1.36 0.00
RAVENSWOOD_GT_9 24257	52.77 2.33 0.00	51.10 2.21 0.00	50.91 2.04 0.00	48.83 1.90 0.00	54.63 2.06 0.00	46.43 1.83 0.00	51.74 1.83 0.00	68.83 2.53 0.00	70.02 2.54 0.00	51.51 2.18 0.00	45.02 2.11 0.00	44.22 2.17 0.00	39.05 1.88 0.00	44.13 2.12 0.00	44.28 2.21 0.00	49.70 2.21 0.00	58.14 2.25 0.00	63.30 2.04 0.00	55.96 1.90 0.00	59.25 1.88 0.00	62.83 1.99 0.00	61.83 2.18 0.00	52.58 1.82 0.00	48.30 1.36 0.00

RAVENSWOOD___1 23533	52.75 2.30 0.00	51.07 2.18 0.00	50.91 2.04 0.00	48.83 1.90 0.00	54.64 2.06 0.00	46.47 1.88 0.00	51.83 1.92 0.00	68.94 2.64 0.00	70.08 2.60 0.00	51.60 2.27 0.00	45.10 2.19 0.00	44.30 2.24 0.00	39.13 1.95 0.00	44.19 2.19 0.00	44.35 2.28 0.00	49.76 2.27 0.00	58.19 2.30 0.00	63.33 2.07 0.00	56.00 1.94 0.00	59.27 1.90 0.00	62.86 2.02 0.00	61.85 2.21 0.00	52.63 1.87 0.00	48.32 1.37 0.00
RAVENSWOOD___2 23534	52.75 2.30 0.00	51.07 2.18 0.00	50.91 2.04 0.00	48.83 1.90 0.00	54.64 2.06 0.00	46.47 1.88 0.00	51.83 1.92 0.00	68.94 2.64 0.00	70.08 2.60 0.00	51.60 2.27 0.00	45.10 2.19 0.00	44.30 2.24 0.00	39.13 1.95 0.00	44.19 2.19 0.00	44.35 2.28 0.00	49.76 2.27 0.00	58.19 2.30 0.00	63.33 2.07 0.00	56.00 1.94 0.00	59.27 1.90 0.00	62.86 2.02 0.00	61.85 2.21 0.00	52.63 1.87 0.00	48.32 1.37 0.00
RAVENSWOOD___3 23535	52.77 2.32 0.00	51.10 2.21 0.00	50.89 2.02 0.00	48.78 1.85 0.00	54.60 2.02 0.00	46.42 1.82 0.00	51.74 1.83 0.00	68.83 2.53 0.00	70.00 2.52 0.00	51.51 2.18 0.00	45.02 2.11 0.00	44.24 2.18 0.00	39.06 1.88 0.00	44.13 2.12 0.00	44.29 2.21 0.00	49.70 2.21 0.00	58.14 2.25 0.00	63.30 2.04 0.00	55.96 1.90 0.00	59.25 1.88 0.00	62.83 2.00 0.00	61.82 2.18 0.00	52.58 1.82 0.00	48.30 1.36 0.00
RAVENSWOOD___4 23820	52.75 2.30 0.00	51.07 2.18 0.00	50.91 2.04 0.00	48.83 1.90 0.00	54.64 2.06 0.00	46.47 1.88 0.00	51.83 1.92 0.00	68.94 2.64 0.00	70.08 2.60 0.00	51.60 2.27 0.00	45.10 2.19 0.00	44.30 2.24 0.00	39.13 1.95 0.00	44.19 2.19 0.00	44.35 2.28 0.00	49.76 2.27 0.00	58.19 2.30 0.00	63.33 2.07 0.00	56.00 1.94 0.00	59.27 1.90 0.00	62.86 2.02 0.00	61.85 2.21 0.00	52.63 1.87 0.00	48.32 1.37 0.00
RCPL_TRUST___DRP 24196	52.79 2.35 0.00	51.12 2.23 0.00	50.91 2.04 0.00	48.80 1.87 0.00	54.62 2.04 0.00	46.42 1.82 0.00	51.72 1.81 0.00	68.85 2.54 0.00	70.05 2.57 0.00	51.53 2.20 0.00	45.02 2.11 0.00	44.24 2.19 0.00	39.05 1.87 0.00	44.13 2.12 0.00	44.28 2.21 0.00	49.70 2.21 0.00	58.13 2.24 0.00	63.30 2.04 0.00	55.95 1.89 0.00	59.21 1.84 0.00	62.81 1.97 0.00	61.78 2.14 0.00	52.54 1.79 0.00	48.27 1.33 0.00
RED___ROCHESTER 323720	49.28 -0.02 1.14	47.43 -0.49 0.97	47.87 -0.28 0.72	45.89 -0.20 0.84	51.80 -0.08 0.71	44.17 -0.10 0.32	49.30 -0.02 0.59	64.82 -0.38 1.10	66.79 -0.06 0.63	49.45 0.33 0.21	43.56 0.66 0.00	42.90 0.85 0.00	37.79 0.61 0.00	42.62 0.62 0.00	42.29 0.43 0.21	47.77 0.68 0.40	56.05 0.33 0.16	61.22 -0.03 0.02	54.12 0.06 0.00	57.57 0.21 0.01	60.43 -0.01 0.40	59.14 0.09 0.59	50.14 0.09 0.71	46.71 0.03 0.27
REGAN___SOLAR 323812	52.37 1.92 0.00	50.77 1.87 0.00	50.69 1.82 0.00	48.66 1.73 0.00	54.52 1.94 0.00	46.24 1.64 0.00	51.82 1.92 0.00	68.99 2.68 0.00	69.57 2.09 0.00	49.39 0.06 0.00	42.58 -0.33 0.00	41.98 -0.07 0.00	37.52 0.35 0.00	42.40 0.40 0.00	42.60 0.53 0.00	47.44 -0.06 0.00	56.27 0.39 0.00	63.24 1.98 0.00	56.40 2.34 0.00	59.82 2.45 0.00	63.46 2.63 0.00	62.18 2.54 0.00	52.81 2.05 0.00	48.71 1.77 0.00
RENSSELAER___COGEN 23796	50.28 -0.16 0.00	48.90 0.00 0.00	48.72 -0.15 0.00	46.71 -0.22 0.00	52.28 -0.30 0.00	44.36 -0.23 0.00	49.56 -0.35 0.00	65.95 -0.35 0.00	66.96 -0.52 0.00	48.73 -0.60 0.00	42.26 -0.65 0.00	41.49 -0.56 0.00	36.88 -0.30 0.00	41.62 -0.39 0.00	41.86 -0.22 0.00	47.24 -0.26 0.00	55.79 -0.10 0.00	61.18 -0.09 0.00	53.95 -0.11 0.00	57.18 -0.19 0.00	60.75 -0.08 0.00	59.49 -0.15 0.00	50.55 -0.21 0.00	46.65 -0.30 0.00
REPUBLIC_115KV_BARTNBRK 55605	54.40 3.96 0.00	53.09 4.19 0.00	52.39 3.52 0.00	50.56 3.63 0.00	56.89 4.31 0.00	48.28 3.68 0.00	54.97 5.07 0.00	73.13 6.83 0.00	73.57 6.09 0.00	51.92 2.59 0.00	44.26 1.36 0.00	44.02 1.97 0.00	39.38 2.20 0.00	44.58 2.57 0.00	45.29 3.21 0.00	51.78 4.28 0.00	61.58 5.69 0.00	68.31 7.05 0.00	59.74 5.68 0.00	63.94 6.57 0.00	67.53 6.69 0.00	64.45 4.81 0.00	54.74 3.98 0.00	50.90 3.96 0.00
REVERE_CPPR_DRP 24186	52.14 1.70 0.00	50.55 1.66 0.00	50.61 1.74 0.00	48.72 1.78 0.00	54.53 1.96 0.00	46.29 1.70 0.00	51.94 2.04 0.00	69.10 2.80 0.00	70.26 2.78 0.00	51.16 1.83 0.00	44.31 1.41 0.00	43.31 1.27 0.00	38.09 0.92 0.00	43.34 1.33 0.00	43.26 1.19 0.00	48.96 1.47 0.00	57.78 1.89 0.00	63.88 2.62 0.00	56.37 2.31 0.00	59.78 2.41 0.00	63.38 2.54 0.00	62.05 2.41 0.00	52.67 1.91 0.00	48.58 1.64 0.00
REYNLDPA_13_KV_LD 356490	51.68 1.24 0.00	49.90 1.00 0.00	49.93 1.06 0.00	47.97 1.04 0.00	53.80 1.22 0.00	45.62 1.02 0.00	51.13 1.23 0.00	67.91 1.61 0.00	69.06 1.58 0.00	50.73 1.40 0.00	44.07 1.16 0.00	43.01 0.96 0.00	37.97 0.79 0.00	42.87 0.87 0.00	42.86 0.78 0.00	48.44 0.95 0.00	57.08 1.19 0.00	62.60 1.34 0.00	55.30 1.24 0.00	58.76 1.39 0.00	62.21 1.37 0.00	60.94 1.30 0.00	51.93 1.17 0.00	48.30 1.36 0.00
REYNOLDS_115KV_TB3 80639	50.63 0.19 0.00	49.23 0.34 0.00	49.03 0.16 0.00	47.02 0.08 0.00	52.63 0.05 0.00	44.70 0.10 0.00	49.91 0.00 0.00	66.41 0.11 0.00	67.43 -0.05 0.00	49.07 -0.26 0.00	42.51 -0.40 0.00	41.72 -0.33 0.00	37.05 -0.13 0.00	41.83 -0.17 0.00	42.12 0.04 0.00	47.52 0.03 0.00	56.17 0.28 0.00	61.65 0.39 0.00	54.33 0.27 0.00	57.61 0.24 0.00	61.22 0.38 0.00	59.91 0.27 0.00	50.89 0.13 0.00	46.99 0.05 0.00
RIVERBAY____ 323610	53.43 2.99 0.00	50.70 2.82 1.02	42.99 2.72 8.60	36.60 2.57 12.90	36.72 2.80 18.67	42.19 2.59 4.99	52.73 2.82 0.00	70.06 3.76 0.00	71.41 3.92 0.00	52.56 3.23 0.00	45.84 2.93 0.00	44.98 2.93 0.00	39.75 2.58 0.00	44.85 2.85 0.00	45.02 2.95 0.00	50.48 2.99 0.00	59.00 3.11 0.00	64.30 3.05 0.00	57.12 3.06 0.00	60.29 2.92 0.00	63.86 3.02 0.00	62.89 3.25 0.00	53.51 2.75 0.00	49.03 2.09 0.00
RIVERSDE_115KV_TB3 55908	50.34 -0.11 0.00	48.94 0.05 0.00	48.77 -0.10 0.00	46.76 -0.17 0.00	52.33 -0.25 0.00	44.41 -0.18 0.00	49.61 -0.30 0.00	66.01 -0.29 0.00	67.02 -0.46 0.00	48.78 -0.55 0.00	42.29 -0.62 0.00	41.51 -0.54 0.00	36.91 -0.26 0.00	41.64 -0.36 0.00	41.90 -0.18 0.00	47.27 -0.22 0.00	55.84 -0.05 0.00	61.26 0.01 0.00	54.01 -0.05 0.00	57.26 -0.11 0.00	60.83 -0.01 0.00	59.57 -0.07 0.00	50.60 -0.16 0.00	46.69 -0.25 0.00
ROARING___BROOK_WT_PWR 323790	50.60 0.16 0.00	49.04 0.15 0.00	49.02 0.15 0.00	47.11 0.18 0.00	52.79 0.21 0.00	44.77 0.17 0.00	50.11 0.20 0.00	66.57 0.27 0.00	67.77 0.29 0.00	49.57 0.24 0.00	43.06 0.16 0.00	42.07 0.02 0.00	37.19 0.02 0.00	42.09 0.08 0.00	42.16 0.08 0.00	47.59 0.09 0.00	56.04 0.15 0.00	61.48 0.21 0.00	54.28 0.22 0.00	57.60 0.23 0.00	61.07 0.23 0.00	59.85 0.20 0.00	50.95 0.19 0.00	47.19 0.24 0.00

ROCHESRG_115KV_T4 355643	49.98 -0.46 0.00	48.01 -0.88 0.00	48.20 -0.67 0.00	46.36 -0.57 0.00	52.09 -0.49 0.00	44.14 -0.45 0.00	49.47 -0.44 0.00	65.33 -0.97 0.00	66.82 -0.66 0.00	49.21 -0.12 0.00	43.19 0.28 0.00	42.51 0.46 0.00	37.43 0.26 0.00	42.20 0.20 0.00	42.08 0.01 0.00	47.66 0.17 0.00	55.64 -0.25 0.00	60.56 -0.69 0.00	53.52 -0.54 0.00	56.93 -0.44 0.00	60.17 -0.67 0.00	59.10 -0.54 0.00	50.34 -0.42 0.00	46.54 -0.41 0.00
ROCHESTER_9_IC 23652	50.23 -0.21 0.00	48.22 -0.67 0.00	48.42 -0.45 0.00	46.57 -0.36 0.00	52.31 -0.27 0.00	44.34 -0.26 0.00	49.71 -0.20 0.00	65.66 -0.64 0.00	67.16 -0.32 0.00	49.46 0.13 0.00	43.40 0.49 0.00	42.73 0.68 0.00	37.63 0.45 0.00	42.42 0.41 0.00	42.31 0.23 0.00	47.94 0.44 0.00	55.97 0.08 0.00	60.93 -0.33 0.00	53.85 -0.22 0.00	57.28 -0.09 0.00	60.51 -0.32 0.00	59.44 -0.20 0.00	50.63 -0.13 0.00	46.77 -0.17 0.00
ROCKVIEW_13_KV_LD 356306	52.79 2.35 0.00	51.14 2.25 0.00	50.96 2.09 0.00	48.85 1.92 0.00	54.65 2.07 0.00	46.41 1.81 0.00	51.68 1.77 0.00	68.78 2.48 0.00	69.98 2.50 0.00	51.47 2.14 0.00	44.99 2.08 0.00	44.19 2.14 0.00	39.04 1.86 0.00	44.10 2.10 0.00	44.26 2.19 0.00	49.71 2.21 0.00	58.14 2.25 0.00	63.34 2.08 0.00	55.96 1.90 0.00	59.29 1.92 0.00	62.90 2.06 0.00	61.87 2.23 0.00	52.61 1.86 0.00	48.34 1.40 0.00
ROME____115KV_TB2 80656	52.14 1.70 0.00	50.55 1.66 0.00	50.61 1.74 0.00	48.72 1.78 0.00	54.53 1.96 0.00	46.29 1.70 0.00	51.94 2.04 0.00	69.10 2.80 0.00	70.26 2.78 0.00	51.16 1.83 0.00	44.31 1.41 0.00	43.31 1.27 0.00	38.09 0.92 0.00	43.34 1.33 0.00	43.26 1.19 0.00	48.96 1.47 0.00	57.78 1.89 0.00	63.88 2.62 0.00	56.37 2.31 0.00	59.78 2.41 0.00	63.38 2.54 0.00	62.05 2.41 0.00	52.67 1.91 0.00	48.58 1.64 0.00
ROSETON___1 23587	52.05 1.61 0.00	50.49 1.60 0.00	50.34 1.47 0.00	48.26 1.33 0.00	54.01 1.43 0.00	45.84 1.25 0.00	51.01 1.10 0.00	67.89 1.59 0.00	69.05 1.57 0.00	50.72 1.40 0.00	44.26 1.35 0.00	43.48 1.43 0.00	38.44 1.26 0.00	43.48 1.48 0.00	43.65 1.57 0.00	49.06 1.56 0.00	57.43 1.54 0.00	62.59 1.33 0.00	55.28 1.22 0.00	58.54 1.17 0.00	62.14 1.30 0.00	61.15 1.50 0.00	52.04 1.28 0.00	47.85 0.91 0.00
ROSETON___2 23588	52.05 1.61 0.00	50.49 1.60 0.00	50.34 1.47 0.00	48.26 1.33 0.00	54.01 1.43 0.00	45.84 1.25 0.00	51.01 1.10 0.00	67.89 1.59 0.00	69.05 1.57 0.00	50.72 1.40 0.00	44.26 1.35 0.00	43.48 1.43 0.00	38.44 1.26 0.00	43.48 1.48 0.00	43.65 1.57 0.00	49.06 1.56 0.00	57.43 1.54 0.00	62.59 1.33 0.00	55.28 1.22 0.00	58.54 1.17 0.00	62.14 1.30 0.00	61.15 1.50 0.00	52.04 1.28 0.00	47.85 0.91 0.00
ROTTRDAM_115KV_TB3 80664	51.35 0.90 0.00	49.89 1.00 0.00	49.81 0.95 0.00	47.79 0.86 0.00	53.53 0.95 0.00	45.38 0.78 0.00	50.70 0.79 0.00	67.43 1.13 0.00	68.45 0.97 0.00	49.78 0.45 0.00	43.19 0.28 0.00	42.40 0.35 0.00	37.56 0.39 0.00	42.45 0.45 0.00	42.66 0.59 0.00	48.19 0.69 0.00	56.76 0.87 0.00	62.38 1.12 0.00	55.08 1.02 0.00	58.40 1.03 0.00	62.00 1.16 0.00	60.73 1.09 0.00	51.64 0.88 0.00	47.68 0.74 0.00
RUSSELL___1 23602	50.42 -0.03 0.00	48.40 -0.50 0.00	48.58 -0.29 0.00	46.71 -0.22 0.00	52.47 -0.11 0.00	44.48 -0.12 0.00	49.88 -0.03 0.00	65.91 -0.39 0.00	67.41 -0.07 0.00	49.65 0.32 0.00	43.57 0.66 0.00	42.90 0.85 0.00	37.78 0.61 0.00	42.61 0.61 0.00	42.50 0.42 0.00	48.16 0.67 0.00	56.22 0.33 0.00	61.24 -0.02 0.00	54.12 0.06 0.00	57.58 0.21 0.00	60.82 -0.02 0.00	59.73 0.10 0.00	50.85 0.09 0.00	46.97 0.03 0.00
RUSSELL___2 23532	50.42 -0.03 0.00	48.40 -0.50 0.00	48.58 -0.29 0.00	46.71 -0.22 0.00	52.47 -0.11 0.00	44.48 -0.12 0.00	49.88 -0.03 0.00	65.91 -0.39 0.00	67.41 -0.07 0.00	49.65 0.32 0.00	43.57 0.66 0.00	42.90 0.85 0.00	37.78 0.61 0.00	42.61 0.61 0.00	42.50 0.42 0.00	48.16 0.67 0.00	56.22 0.33 0.00	61.24 -0.02 0.00	54.12 0.06 0.00	57.58 0.21 0.00	60.82 -0.02 0.00	59.73 0.10 0.00	50.85 0.09 0.00	46.97 0.03 0.00
RUSSELL___3 23549	50.42 -0.03 0.00	48.40 -0.50 0.00	48.58 -0.29 0.00	46.71 -0.22 0.00	52.47 -0.11 0.00	44.48 -0.12 0.00	49.88 -0.03 0.00	65.91 -0.39 0.00	67.41 -0.07 0.00	49.65 0.32 0.00	43.57 0.66 0.00	42.90 0.85 0.00	37.78 0.61 0.00	42.61 0.61 0.00	42.50 0.42 0.00	48.16 0.67 0.00	56.22 0.33 0.00	61.24 -0.02 0.00	54.12 0.06 0.00	57.58 0.21 0.00	60.82 -0.02 0.00	59.73 0.10 0.00	50.85 0.09 0.00	46.97 0.03 0.00
RUSSELL___4 23556	50.42 -0.03 0.00	48.40 -0.50 0.00	48.58 -0.29 0.00	46.71 -0.22 0.00	52.47 -0.11 0.00	44.48 -0.12 0.00	49.88 -0.03 0.00	65.91 -0.39 0.00	67.41 -0.07 0.00	49.65 0.32 0.00	43.57 0.66 0.00	42.90 0.85 0.00	37.78 0.61 0.00	42.61 0.61 0.00	42.50 0.42 0.00	48.16 0.67 0.00	56.22 0.33 0.00	61.24 -0.02 0.00	54.12 0.06 0.00	57.58 0.21 0.00	60.82 -0.02 0.00	59.73 0.10 0.00	50.85 0.09 0.00	46.97 0.03 0.00
RUSSELL___STATION 23914	50.42 -0.03 0.00	48.40 -0.50 0.00	48.58 -0.29 0.00	46.71 -0.22 0.00	52.47 -0.11 0.00	44.48 -0.12 0.00	49.88 -0.03 0.00	65.91 -0.39 0.00	67.41 -0.07 0.00	49.65 0.32 0.00	43.57 0.66 0.00	42.90 0.85 0.00	37.78 0.61 0.00	42.61 0.61 0.00	42.50 0.42 0.00	48.16 0.67 0.00	56.22 0.33 0.00	61.24 -0.02 0.00	54.12 0.06 0.00	57.58 0.21 0.00	60.82 -0.02 0.00	59.73 0.10 0.00	50.85 0.09 0.00	46.97 0.03 0.00
S SALMON___HYD 24043	50.28 -0.17 0.00	48.66 -0.23 0.00	48.68 -0.19 0.00	46.76 -0.17 0.00	52.38 -0.20 0.00	44.48 -0.11 0.00	49.82 -0.08 0.00	66.18 -0.12 0.00	67.49 0.01 0.00	49.11 -0.21 0.00	42.49 -0.42 0.00	41.40 -0.65 0.00	36.59 -0.58 0.00	41.31 -0.69 0.00	41.39 -0.68 0.00	46.94 -0.55 0.00	55.34 -0.55 0.00	61.05 -0.21 0.00	54.14 0.08 0.00	57.53 0.16 0.00	60.98 0.13 0.00	59.84 0.20 0.00	50.84 0.08 0.00	46.90 -0.04 0.00
S.PERRY__115KV_TB1 80734	51.98 1.54 0.00	49.86 0.97 0.00	50.11 1.25 0.00	48.21 1.28 0.00	54.21 1.62 0.00	45.96 1.36 0.00	51.56 1.65 0.00	68.21 1.91 0.00	69.47 1.99 0.00	50.36 1.03 0.00	43.96 1.06 0.00	43.56 1.50 0.00	38.10 0.93 0.00	43.21 1.21 0.00	43.22 1.15 0.00	49.57 2.08 0.00	57.93 2.04 0.00	63.04 1.78 0.00	55.87 1.81 0.00	59.49 2.12 0.00	62.87 2.03 0.00	61.66 2.01 0.00	52.44 1.68 0.00	48.39 1.45 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	49.90 -0.55 0.00	47.54 -1.35 0.00	48.01 -0.86 0.00	46.23 -0.70 0.00	52.08 -0.50 0.00	44.04 -0.56 0.00	49.30 -0.61 0.00	64.62 -1.69 0.00	66.36 -1.13 0.00	49.44 0.11 0.00	43.77 0.86 0.00	43.11 1.05 0.00	37.89 0.72 0.00	42.69 0.68 0.00	42.25 0.18 0.00	47.84 0.35 0.00	55.26 -0.63 0.00	59.48 -1.78 0.00	52.61 -1.45 0.00	56.15 -1.22 0.00	59.29 -1.55 0.00	58.52 -1.12 0.00	50.11 -0.65 0.00	46.48 -0.46 0.00

SAWYER___23_KV_LOAD 55526	49.90 -0.55 0.00	47.54 -1.35 0.00	48.01 -0.86 0.00	46.23 -0.70 0.00	52.08 -0.50 0.00	44.04 -0.56 0.00	49.30 -0.61 0.00	64.62 -1.69 0.00	66.36 -1.13 0.00	49.44 0.11 0.00	43.77 0.86 0.00	43.11 1.05 0.00	37.89 0.72 0.00	42.69 0.68 0.00	42.25 0.18 0.00	47.84 0.35 0.00	55.26 -0.63 0.00	59.48 -1.78 0.00	52.61 -1.45 0.00	56.15 -1.22 0.00	59.29 -1.55 0.00	58.52 -1.12 0.00	50.11 -0.65 0.00	46.48 -0.46 0.00
SELKIRK___I 23801	50.94 0.50 0.00	49.51 0.62 0.00	49.40 0.53 0.00	47.40 0.47 0.00	53.07 0.49 0.00	44.97 0.37 0.00	50.23 0.32 0.00	66.77 0.47 0.00	67.74 0.26 0.00	49.17 -0.15 0.00	42.67 -0.24 0.00	41.95 -0.10 0.00	37.26 0.09 0.00	42.08 0.08 0.00	42.29 0.21 0.00	47.81 0.31 0.00	56.40 0.51 0.00	61.84 0.58 0.00	54.56 0.50 0.00	57.82 0.46 0.00	61.44 0.60 0.00	60.20 0.55 0.00	51.17 0.41 0.00	47.21 0.27 0.00
SELKIRK___II 23799	50.65 0.21 0.00	49.25 0.36 0.00	49.13 0.26 0.00	47.11 0.19 0.00	52.77 0.19 0.00	44.75 0.15 0.00	49.92 0.01 0.00	66.40 0.10 0.00	67.46 -0.02 0.00	49.16 -0.17 0.00	42.66 -0.24 0.00	41.88 -0.17 0.00	37.16 -0.01 0.00	41.98 -0.02 0.00	42.19 0.11 0.00	47.60 0.10 0.00	56.14 0.25 0.00	61.49 0.23 0.00	54.25 0.18 0.00	57.50 0.13 0.00	61.08 0.25 0.00	59.87 0.23 0.00	50.89 0.13 0.00	46.95 0.01 0.00
SENECA OSWGO___HYD 24041	49.24 -1.21 0.00	47.68 -1.21 0.00	47.68 -1.19 0.00	45.80 -1.13 0.00	51.31 -1.26 0.00	43.58 -1.01 0.00	48.80 -1.11 0.00	64.76 -1.54 0.00	65.97 -1.51 0.00	48.21 -1.12 0.00	42.00 -0.91 0.00	41.22 -0.83 0.00	36.40 -0.77 0.00	41.10 -0.90 0.00	41.13 -0.94 0.00	46.44 -1.05 0.00	54.61 -1.28 0.00	59.92 -1.34 0.00	52.91 -1.16 0.00	56.16 -1.21 0.00	59.52 -1.31 0.00	58.30 -1.34 0.00	49.61 -1.15 0.00	45.78 -1.16 0.00
SENECA___115KV_TB3 355854	47.30 -0.11 3.03	45.41 -0.89 2.59	46.54 -0.40 1.93	44.40 -0.28 2.25	50.68 -0.03 1.88	43.61 -0.14 0.85	48.21 -0.12 1.57	62.42 -0.95 2.93	65.32 -0.47 1.69	49.23 0.47 0.57	44.00 1.09 0.00	43.34 1.29 0.00	38.07 0.90 0.00	42.96 0.96 0.00	41.96 0.46 0.57	47.17 0.74 1.06	55.34 -0.12 0.43	59.97 -1.24 0.04	53.10 -0.96 0.00	56.64 -0.70 0.04	58.85 -0.94 1.05	57.50 -0.56 1.58	48.66 -0.20 1.90	46.15 -0.09 0.70
SENECA___ENERGY 23797	50.13 -0.31 0.00	48.42 -0.47 0.00	48.53 -0.34 0.00	46.71 -0.22 0.00	52.32 -0.26 0.00	44.48 -0.12 0.00	49.72 -0.19 0.00	65.92 -0.38 0.00	67.09 -0.39 0.00	49.11 -0.22 0.00	42.83 -0.08 0.00	42.22 0.17 0.00	37.34 0.16 0.00	42.12 0.11 0.00	41.94 -0.14 0.00	47.57 0.07 0.00	55.75 -0.14 0.00	60.90 -0.36 0.00	53.78 -0.28 0.00	57.13 -0.24 0.00	60.47 -0.36 0.00	59.27 -0.37 0.00	50.46 -0.30 0.00	46.66 -0.29 0.00
SHOEMAKER___GT 23640	52.22 1.77 0.00	50.64 1.75 0.00	50.52 1.65 0.00	48.45 1.52 0.00	54.24 1.65 0.00	46.02 1.42 0.00	51.27 1.36 0.00	68.24 1.94 0.00	69.35 1.87 0.00	50.85 1.52 0.00	44.34 1.43 0.00	43.44 1.39 0.00	38.43 1.25 0.00	43.58 1.58 0.00	43.69 1.61 0.00	49.17 1.68 0.00	57.63 1.74 0.00	62.86 1.60 0.00	55.55 1.49 0.00	58.82 1.45 0.00	62.43 1.59 0.00	61.42 1.78 0.00	52.24 1.49 0.00	48.03 1.09 0.00
SHOEMAKR_138KV_BK 111 55601	52.20 1.75 0.00	50.61 1.72 0.00	50.52 1.65 0.00	48.46 1.52 0.00	54.23 1.65 0.00	46.01 1.41 0.00	51.25 1.34 0.00	68.19 1.90 0.00	69.33 1.84 0.00	50.86 1.53 0.00	44.34 1.43 0.00	43.48 1.43 0.00	38.45 1.28 0.00	43.57 1.57 0.00	43.69 1.61 0.00	49.17 1.67 0.00	57.62 1.73 0.00	62.81 1.55 0.00	55.51 1.45 0.00	58.78 1.41 0.00	62.40 1.56 0.00	61.39 1.75 0.00	52.21 1.45 0.00	48.00 1.06 0.00
SHOREHAM_IC_1 23715	25.14 0.49 25.80	37.50 0.69 12.08	41.45 0.47 7.89	35.94 0.25 11.25	21.41 0.06 31.24	24.84 0.03 19.78	11.06 -0.28 38.56	11.23 -0.13 54.94	11.27 -0.13 56.09	14.51 0.10 34.92	39.76 0.96 4.11	39.47 1.00 3.58	37.96 0.90 0.10	39.52 0.99 3.47	42.75 1.09 0.42	45.61 0.69 2.58	44.13 0.38 12.14	61.81 0.55 0.00	27.62 0.04 26.48	29.20 -0.04 28.13	42.41 0.00 18.42	45.29 0.28 14.64	46.66 0.14 4.24	43.72 -0.34 2.89
SHOREHAM_IC_2 23716	25.14 0.49 25.80	37.51 0.69 12.08	41.46 0.49 7.89	35.99 0.31 11.25	21.42 0.08 31.24	24.87 0.06 19.78	11.09 -0.26 38.56	11.28 -0.08 54.94	11.31 -0.09 56.09	14.55 0.15 34.92	39.76 0.97 4.11	39.47 1.00 3.58	37.96 0.89 0.10	39.52 0.98 3.47	42.75 1.09 0.42	45.62 0.70 2.58	44.13 0.38 12.14	61.82 0.55 0.00	27.62 0.04 26.48	29.20 -0.04 28.13	42.41 0.00 18.42	45.29 0.28 14.64	46.66 0.14 4.24	43.71 -0.34 2.89
SISSONVILLE____ 23735	52.73 2.28 0.00	50.86 1.97 0.00	50.90 2.03 0.00	48.89 1.96 0.00	54.83 2.25 0.00	46.51 1.92 0.00	52.22 2.31 0.00	69.34 3.04 0.00	70.69 3.21 0.00	51.50 2.17 0.00	44.57 1.66 0.00	43.30 1.26 0.00	38.25 1.07 0.00	43.18 1.18 0.00	43.21 1.14 0.00	48.78 1.28 0.00	57.90 2.01 0.00	64.03 2.77 0.00	56.67 2.61 0.00	60.20 2.83 0.00	63.70 2.86 0.00	62.47 2.83 0.00	53.17 2.41 0.00	49.41 2.47 0.00
SITHE_IND_GS1 24169	48.67 -1.78 0.00	47.13 -1.77 0.00	47.11 -1.75 0.00	45.29 -1.64 0.00	50.72 -1.86 0.00	43.10 -1.49 0.00	48.25 -1.65 0.00	63.99 -2.31 0.00	65.18 -2.30 0.00	47.65 -1.68 0.00	41.54 -1.37 0.00	40.75 -1.30 0.00	36.01 -1.16 0.00	40.66 -1.35 0.00	40.71 -1.37 0.00	45.93 -1.57 0.00	53.98 -1.91 0.00	59.20 -2.06 0.00	52.23 -1.83 0.00	55.44 -1.93 0.00	58.75 -2.09 0.00	57.57 -2.08 0.00	48.99 -1.76 0.00	45.28 -1.67 0.00
SITHE_IND_GS2 24170	48.67 -1.78 0.00	47.13 -1.77 0.00	47.11 -1.75 0.00	45.29 -1.64 0.00	50.72 -1.86 0.00	43.10 -1.49 0.00	48.25 -1.65 0.00	63.99 -2.31 0.00	65.18 -2.30 0.00	47.65 -1.68 0.00	41.54 -1.37 0.00	40.75 -1.30 0.00	36.01 -1.16 0.00	40.66 -1.35 0.00	40.71 -1.37 0.00	45.93 -1.57 0.00	53.98 -1.91 0.00	59.20 -2.06 0.00	52.23 -1.83 0.00	55.44 -1.93 0.00	58.75 -2.09 0.00	57.57 -2.08 0.00	48.99 -1.76 0.00	45.28 -1.67 0.00
SITHE_IND_GS3 24171	48.67 -1.78 0.00	47.13 -1.77 0.00	47.11 -1.75 0.00	45.29 -1.64 0.00	50.72 -1.86 0.00	43.10 -1.49 0.00	48.25 -1.65 0.00	63.99 -2.31 0.00	65.18 -2.30 0.00	47.65 -1.68 0.00	41.54 -1.37 0.00	40.75 -1.30 0.00	36.01 -1.16 0.00	40.66 -1.35 0.00	40.71 -1.37 0.00	45.93 -1.57 0.00	53.98 -1.91 0.00	59.20 -2.06 0.00	52.23 -1.83 0.00	55.44 -1.93 0.00	58.75 -2.09 0.00	57.57 -2.08 0.00	48.99 -1.76 0.00	45.28 -1.67 0.00
SITHE_IND_GS4 24172	48.67 -1.78 0.00	47.13 -1.77 0.00	47.11 -1.75 0.00	45.29 -1.64 0.00	50.72 -1.86 0.00	43.10 -1.49 0.00	48.25 -1.65 0.00	63.99 -2.31 0.00	65.18 -2.30 0.00	47.65 -1.68 0.00	41.54 -1.37 0.00	40.75 -1.30 0.00	36.01 -1.16 0.00	40.66 -1.35 0.00	40.71 -1.37 0.00	45.93 -1.57 0.00	53.98 -1.91 0.00	59.20 -2.06 0.00	52.23 -1.83 0.00	55.44 -1.93 0.00	58.75 -2.09 0.00	57.57 -2.08 0.00	48.99 -1.76 0.00	45.28 -1.67 0.00

SITHE___BATAVIA 24024	49.00 0.49 1.94	46.98 -0.26 1.66	47.78 0.14 1.24	45.75 0.26 1.44	51.93 0.56 1.20	44.57 0.51 0.54	49.60 0.70 1.01	64.67 0.25 1.88	67.14 0.74 1.08	50.01 1.04 0.36	44.37 1.47 0.00	43.63 1.58 0.00	38.14 0.97 0.00	43.23 1.23 0.00	42.51 0.80 0.37	48.16 1.35 0.68	56.45 0.84 0.28	61.29 0.06 0.03	54.23 0.17 0.00	57.79 0.44 0.02	60.27 0.11 0.67	59.00 0.38 1.01	49.98 0.43 1.22	47.07 0.57 0.45
SITHE___INDEPEND 23800	48.67 -1.78 0.00	47.13 -1.76 0.00	47.11 -1.76 0.00	45.26 -1.67 0.00	50.71 -1.87 0.00	43.09 -1.51 0.00	48.25 -1.66 0.00	63.98 -2.32 0.00	65.18 -2.30 0.00	47.63 -1.69 0.00	41.53 -1.38 0.00	40.75 -1.30 0.00	36.02 -1.16 0.00	40.66 -1.35 0.00	40.71 -1.36 0.00	45.93 -1.57 0.00	53.98 -1.91 0.00	59.20 -2.06 0.00	52.23 -1.83 0.00	55.44 -1.93 0.00	58.75 -2.08 0.00	57.57 -2.08 0.00	48.99 -1.77 0.00	45.28 -1.67 0.00
SITHE___MASSENA 23902	51.96 1.51 0.00	50.16 1.27 0.00	50.18 1.31 0.00	48.22 1.29 0.00	54.07 1.49 0.00	45.84 1.25 0.00	51.41 1.50 0.00	68.29 1.99 0.00	69.61 2.13 0.00	50.97 1.64 0.00	44.25 1.34 0.00	43.16 1.11 0.00	38.10 0.93 0.00	43.02 1.02 0.00	43.02 0.95 0.00	48.59 1.10 0.00	57.35 1.46 0.00	63.02 1.76 0.00	55.63 1.56 0.00	59.10 1.73 0.00	62.55 1.71 0.00	61.29 1.65 0.00	52.23 1.47 0.00	48.57 1.63 0.00
SITHE___OGDNSBRG 24021	53.16 2.72 0.00	51.28 2.39 0.00	51.31 2.44 0.00	49.29 2.36 0.00	55.30 2.72 0.00	46.91 2.31 0.00	52.70 2.80 0.00	70.04 3.74 0.00	71.29 3.81 0.00	51.78 2.45 0.00	44.83 1.92 0.00	43.59 1.54 0.00	38.45 1.28 0.00	43.35 1.35 0.00	43.47 1.39 0.00	48.90 1.40 0.00	58.33 2.44 0.00	64.58 3.31 0.00	57.17 3.11 0.00	60.77 3.40 0.00	64.26 3.42 0.00	62.95 3.31 0.00	53.56 2.80 0.00	49.79 2.84 0.00
SITHE___STERLING 23777	51.68 1.23 0.00	50.09 1.20 0.00	50.16 1.30 0.00	48.28 1.35 0.00	54.10 1.52 0.00	45.91 1.31 0.00	51.46 1.55 0.00	68.47 2.17 0.00	69.61 2.13 0.00	50.73 1.40 0.00	43.98 1.07 0.00	43.09 1.03 0.00	37.96 0.79 0.00	43.13 1.13 0.00	43.11 1.04 0.00	48.71 1.22 0.00	57.45 1.56 0.00	63.35 2.09 0.00	55.79 1.73 0.00	59.14 1.77 0.00	62.69 1.85 0.00	61.39 1.75 0.00	52.13 1.38 0.00	48.09 1.15 0.00
SLEIGHT__34_KV_TB1 80719	49.81 -0.63 0.00	47.94 -0.95 0.00	48.06 -0.80 0.00	46.23 -0.70 0.00	51.89 -0.70 0.00	44.04 -0.55 0.00	49.39 -0.52 0.00	65.41 -0.89 0.00	66.75 -0.74 0.00	48.94 -0.39 0.00	42.78 -0.13 0.00	42.05 0.00 0.00	37.13 -0.04 0.00	41.85 -0.15 0.00	41.72 -0.36 0.00	47.20 -0.30 0.00	55.44 -0.45 0.00	60.56 -0.70 0.00	53.51 -0.55 0.00	56.84 -0.53 0.00	60.10 -0.74 0.00	58.96 -0.68 0.00	50.15 -0.61 0.00	46.30 -0.64 0.00
SMITHTWN_69_KV_BK 1 55830	57.05 1.30 -5.30	52.81 1.43 -2.48	51.72 1.23 -1.62	50.27 1.03 -2.31	57.16 0.92 -3.66	44.38 0.74 0.95	12.16 0.47 38.22	12.70 0.86 54.46	12.77 0.88 55.59	16.35 0.90 33.88	45.31 1.56 -0.85	44.33 1.54 -0.73	38.50 1.30 -0.02	44.17 1.46 -0.71	43.68 1.52 -0.09	46.14 1.20 2.56	44.87 1.02 12.04	62.40 1.13 0.00	28.46 0.64 26.24	30.05 0.56 27.88	43.30 0.72 18.26	46.04 0.90 14.51	47.29 0.73 4.20	44.38 0.30 2.86
SOUTH CAIRO___GT 23612	51.96 1.51 0.00	50.46 1.57 0.00	50.31 1.44 0.00	48.25 1.32 0.00	54.64 2.06 0.00	46.62 2.03 0.00	51.34 1.43 0.00	68.49 2.19 0.00	69.49 2.00 0.00	49.96 0.63 0.00	42.98 0.07 0.00	42.18 0.13 0.00	37.73 0.55 0.00	42.62 0.62 0.00	42.90 0.82 0.00	48.84 1.34 0.00	57.85 1.96 0.00	63.52 2.26 0.00	56.34 2.28 0.00	59.70 2.33 0.00	63.34 2.50 0.00	61.89 2.24 0.00	52.46 1.70 0.00	48.32 1.37 0.00
SOUTH HAMPTN___IC 23720	-4.83 1.17 56.44	23.74 1.28 26.43	32.64 1.04 17.27	23.07 0.74 24.60	-12.57 0.45 65.60	6.73 0.44 38.30	11.54 0.28 38.65	11.87 0.63 55.07	12.09 0.83 56.22	14.49 0.89 35.73	35.60 1.68 8.99	35.87 1.65 7.83	38.33 1.39 0.23	35.92 1.50 7.58	42.87 1.71 0.91	46.42 1.51 2.58	45.20 1.48 12.17	63.07 1.81 0.00	28.76 1.24 26.54	30.41 1.23 28.20	43.49 1.11 18.46	46.43 1.47 14.67	47.66 1.15 4.25	44.62 0.57 2.90
SOUTHDOW_115KV_TB1 355954	51.57 1.13 0.00	49.30 0.41 0.00	49.73 0.86 0.00	47.89 0.96 0.00	53.98 1.40 0.00	45.69 1.09 0.00	51.24 1.33 0.00	67.54 1.24 0.00	69.15 1.67 0.00	51.34 2.01 0.00	45.21 2.31 0.00	44.50 2.45 0.00	39.23 2.06 0.00	44.13 2.13 0.00	43.54 1.46 0.00	49.46 1.96 0.00	57.37 1.48 0.00	61.78 0.52 0.00	54.75 0.69 0.00	58.38 1.01 0.00	61.84 1.01 0.00	60.96 1.32 0.00	52.04 1.28 0.00	48.02 1.08 0.00
SOUTHOLD_69_KV_BK 2 55809	-5.43 1.44 57.31	23.50 1.45 26.84	32.53 1.20 17.54	22.80 0.86 24.98	-13.65 0.35 66.58	6.20 0.44 38.83	11.66 0.40 38.65	12.06 0.82 55.07	12.54 1.27 56.21	14.91 1.33 35.75	35.88 2.10 9.13	36.15 2.05 7.95	38.61 1.67 0.23	36.06 1.76 7.70	43.24 2.10 0.93	46.96 2.05 2.58	45.95 2.23 12.17	63.98 2.72 0.00	29.59 2.07 26.53	31.28 2.10 28.19	44.13 1.75 18.46	47.22 2.25 14.67	48.33 1.82 4.25	45.22 1.17 2.90
SOUTHOLD___IC 23719	-5.45 1.42 57.31	23.50 1.44 26.84	32.51 1.18 17.54	22.75 0.81 24.98	-13.67 0.33 66.58	6.18 0.42 38.83	11.64 0.38 38.65	12.02 0.78 55.07	12.49 1.22 56.21	14.87 1.29 35.75	35.88 2.11 9.13	36.15 2.05 7.95	38.61 1.67 0.23	36.07 1.77 7.70	43.24 2.09 0.93	46.95 2.04 2.58	45.95 2.23 12.17	63.98 2.72 0.00	29.59 2.07 26.53	31.28 2.10 28.19	44.13 1.75 18.46	47.22 2.25 14.67	48.34 1.82 4.25	45.22 1.17 2.90
SOUTH_FORK_WT_PWR 323839	-5.13 1.28 56.85	23.52 1.25 26.62	32.44 0.97 17.39	22.67 0.52 24.78	-13.64 -0.17 66.05	6.11 0.07 38.55	11.32 0.06 38.65	11.60 0.37 55.07	12.23 0.96 56.21	14.81 1.21 35.74	36.01 2.16 9.06	36.25 2.09 7.88	38.61 1.66 0.23	36.08 1.72 7.64	43.27 2.12 0.92	47.04 2.13 2.58	46.09 2.37 12.17	64.17 2.91 0.00	29.76 2.23 26.53	31.48 2.30 28.19	44.15 1.77 18.46	47.38 2.41 14.67	48.50 1.99 4.25	45.37 1.32 2.90
SPIERFLS_115KV_TB 1 80737	51.64 1.20 0.00	50.29 1.40 0.00	50.13 1.27 0.00	48.11 1.18 0.00	53.93 1.35 0.00	45.65 1.05 0.00	51.24 1.33 0.00	68.14 1.84 0.00	68.92 1.44 0.00	49.66 0.33 0.00	42.81 -0.10 0.00	42.23 0.18 0.00	37.53 0.35 0.00	42.35 0.34 0.00	42.79 0.71 0.00	48.54 1.04 0.00	57.30 1.41 0.00	63.37 2.11 0.00	55.85 1.79 0.00	59.33 1.96 0.00	62.87 2.03 0.00	61.12 1.48 0.00	52.02 1.26 0.00	48.13 1.19 0.00
ST LAWRENCE____ 23600	51.01 0.57 0.00	49.31 0.42 0.00	49.32 0.45 0.00	47.37 0.44 0.00	53.12 0.54 0.00	45.04 0.44 0.00	50.49 0.58 0.00	67.09 0.79 0.00	68.38 0.90 0.00	50.09 0.76 0.00	43.52 0.61 0.00	42.47 0.42 0.00	37.50 0.32 0.00	42.36 0.36 0.00	42.37 0.29 0.00	47.88 0.38 0.00	56.40 0.51 0.00	61.91 0.65 0.00	54.64 0.58 0.00	58.06 0.68 0.00	61.46 0.62 0.00	60.22 0.58 0.00	51.31 0.55 0.00	47.69 0.75 0.00

STATE_CA_115KV_115_LB 55624	50.56 0.12 0.00	49.15 0.25 0.00	48.99 0.12 0.00	46.97 0.04 0.00	52.58 0.00 0.00	44.63 0.04 0.00	49.85 -0.06 0.00	66.35 0.04 0.00	67.34 -0.14 0.00	48.98 -0.35 0.00	42.47 -0.44 0.00	41.73 -0.32 0.00	37.11 -0.07 0.00	41.86 -0.14 0.00	42.10 0.02 0.00	47.52 0.02 0.00	56.15 0.27 0.00	61.62 0.36 0.00	54.33 0.27 0.00	57.59 0.22 0.00	61.17 0.33 0.00	59.89 0.25 0.00	50.85 0.09 0.00	46.92 -0.03 0.00
STATE_ST_34_KV_LOAD 55959	50.45 0.00 0.00	48.63 -0.26 0.00	48.78 -0.09 0.00	46.93 0.00 0.00	52.59 0.01 0.00	44.69 0.09 0.00	50.02 0.11 0.00	66.35 0.04 0.00	67.59 0.11 0.00	49.39 0.06 0.00	43.03 0.12 0.00	42.17 0.12 0.00	37.36 0.19 0.00	42.05 0.05 0.00	41.91 -0.16 0.00	47.43 -0.06 0.00	55.82 -0.07 0.00	61.12 -0.15 0.00	53.98 -0.08 0.00	57.31 -0.06 0.00	60.71 -0.12 0.00	59.49 -0.15 0.00	50.60 -0.15 0.00	46.71 -0.23 0.00
STATION_5_MISC_HYD 23604	49.10 -0.21 1.14	47.27 -0.65 0.97	47.71 -0.44 0.72	45.75 -0.34 0.84	51.64 -0.24 0.71	44.04 -0.24 0.32	49.13 -0.19 0.59	64.57 -0.63 1.10	66.54 -0.32 0.63	49.26 0.14 0.21	43.40 0.49 0.00	42.73 0.68 0.00	37.63 0.46 0.00	42.42 0.41 0.00	42.10 0.24 0.21	47.55 0.45 0.40	55.81 0.08 0.16	60.92 -0.33 0.02	53.85 -0.22 0.00	57.27 -0.09 0.01	60.12 -0.32 0.40	58.84 -0.20 0.59	49.91 -0.14 0.71	46.52 -0.16 0.27
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	50.07 -0.38 0.00	48.23 -0.66 0.00	48.38 -0.49 0.00	46.52 -0.42 0.00	52.18 -0.40 0.00	44.30 -0.30 0.00	49.61 -0.30 0.00	65.69 -0.61 0.00	67.03 -0.45 0.00	49.18 -0.15 0.00	43.00 0.09 0.00	42.29 0.24 0.00	37.33 0.16 0.00	42.14 0.14 0.00	42.04 -0.03 0.00	47.61 0.11 0.00	55.75 -0.14 0.00	60.84 -0.42 0.00	53.76 -0.30 0.00	57.14 -0.23 0.00	60.43 -0.40 0.00	59.27 -0.37 0.00	50.45 -0.31 0.00	46.59 -0.35 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	49.88 -0.57 0.00	47.92 -0.97 0.00	48.10 -0.77 0.00	46.25 -0.68 0.00	51.95 -0.63 0.00	44.05 -0.55 0.00	49.37 -0.53 0.00	65.24 -1.06 0.00	66.70 -0.78 0.00	49.11 -0.22 0.00	43.06 0.16 0.00	42.38 0.33 0.00	37.34 0.17 0.00	42.11 0.11 0.00	42.01 -0.07 0.00	47.57 0.07 0.00	55.56 -0.33 0.00	60.52 -0.74 0.00	53.48 -0.58 0.00	56.88 -0.49 0.00	60.11 -0.73 0.00	59.02 -0.62 0.00	50.26 -0.50 0.00	46.45 -0.49 0.00
STA_56___34_KV_BUS2 355983	49.88 -0.57 0.00	47.92 -0.97 0.00	48.10 -0.77 0.00	46.25 -0.68 0.00	51.95 -0.63 0.00	44.05 -0.55 0.00	49.37 -0.53 0.00	65.24 -1.06 0.00	66.70 -0.78 0.00	49.11 -0.22 0.00	43.06 0.16 0.00	42.38 0.33 0.00	37.34 0.17 0.00	42.11 0.11 0.00	42.01 -0.07 0.00	47.57 0.07 0.00	55.56 -0.33 0.00	60.52 -0.74 0.00	53.48 -0.58 0.00	56.88 -0.49 0.00	60.11 -0.73 0.00	59.02 -0.62 0.00	50.26 -0.50 0.00	46.45 -0.49 0.00
STA_67___115KV_BK2 355882	50.14 -0.30 0.00	48.15 -0.74 0.00	48.34 -0.53 0.00	46.48 -0.45 0.00	52.23 -0.35 0.00	44.27 -0.33 0.00	49.62 -0.29 0.00	65.54 -0.76 0.00	67.03 -0.45 0.00	49.36 0.04 0.00	43.32 0.41 0.00	42.64 0.59 0.00	37.55 0.38 0.00	42.33 0.33 0.00	42.23 0.15 0.00	47.84 0.34 0.00	55.83 -0.05 0.00	60.79 -0.47 0.00	53.72 -0.34 0.00	57.14 -0.23 0.00	60.37 -0.46 0.00	59.31 -0.33 0.00	50.52 -0.24 0.00	46.69 -0.25 0.00
STA_7___115KV_9TRANS 80674	50.42 -0.03 0.00	48.40 -0.50 0.00	48.58 -0.29 0.00	46.71 -0.22 0.00	52.47 -0.11 0.00	44.48 -0.12 0.00	49.88 -0.03 0.00	65.91 -0.39 0.00	67.41 -0.07 0.00	49.65 0.32 0.00	43.57 0.66 0.00	42.90 0.85 0.00	37.78 0.61 0.00	42.61 0.61 0.00	42.50 0.42 0.00	48.16 0.67 0.00	56.22 0.33 0.00	61.24 -0.02 0.00	54.12 0.06 0.00	57.58 0.21 0.00	60.82 -0.02 0.00	59.73 0.10 0.00	50.85 0.09 0.00	46.97 0.03 0.00
STA_82___115KV_TB1 80780	50.17 -0.28 0.00	48.17 -0.73 0.00	48.36 -0.51 0.00	46.51 -0.43 0.00	52.25 -0.33 0.00	44.29 -0.30 0.00	49.65 -0.26 0.00	65.57 -0.72 0.00	67.07 -0.41 0.00	49.38 0.05 0.00	43.33 0.42 0.00	42.66 0.61 0.00	37.56 0.39 0.00	42.35 0.35 0.00	42.23 0.16 0.00	47.86 0.37 0.00	55.86 -0.02 0.00	60.82 -0.45 0.00	53.74 -0.32 0.00	57.18 -0.19 0.00	60.42 -0.42 0.00	59.34 -0.31 0.00	50.54 -0.22 0.00	46.72 -0.22 0.00
STEEL___WIND 323596	47.25 -0.16 3.03	45.36 -0.94 2.59	46.50 -0.44 1.93	44.35 -0.33 2.25	50.59 -0.11 1.88	43.57 -0.18 0.85	48.17 -0.16 1.57	62.37 -1.01 2.93	65.26 -0.53 1.69	49.18 0.42 0.57	43.96 1.05 0.00	43.29 1.24 0.00	38.01 0.84 0.00	42.90 0.90 0.00	41.91 0.40 0.57	47.12 0.68 1.06	55.29 -0.17 0.43	59.91 -1.30 0.04	53.06 -1.00 0.00	56.59 -0.75 0.04	58.78 -1.01 1.05	57.42 -0.64 1.58	48.61 -0.25 1.90	46.11 -0.13 0.70
STEPHTWN_115KV_BK_2 55603	50.85 0.41 0.00	49.43 0.53 0.00	49.25 0.38 0.00	47.22 0.29 0.00	52.96 0.38 0.00	44.94 0.35 0.00	50.22 0.32 0.00	66.90 0.60 0.00	67.83 0.35 0.00	49.33 0.00 0.00	42.65 -0.26 0.00	42.01 -0.04 0.00	37.35 0.18 0.00	42.18 0.18 0.00	42.44 0.36 0.00	47.92 0.42 0.00	56.70 0.81 0.00	62.04 0.78 0.00	54.61 0.55 0.00	57.97 0.61 0.00	61.64 0.80 0.00	60.31 0.67 0.00	51.17 0.41 0.00	47.29 0.35 0.00
STEBEN_REC_LFGE 323667	51.27 0.83 0.00	49.25 0.36 0.00	49.49 0.62 0.00	47.70 0.77 0.00	53.54 0.97 0.00	45.37 0.77 0.00	50.68 0.77 0.00	67.19 0.89 0.00	69.00 1.52 0.00	50.43 1.10 0.00	44.48 1.57 0.00	43.27 1.22 0.00	38.65 1.48 0.00	43.29 1.29 0.00	42.97 0.90 0.00	48.99 1.50 0.00	57.04 1.15 0.00	61.80 0.54 0.00	54.58 0.52 0.00	58.32 0.94 0.00	61.66 0.82 0.00	60.62 0.98 0.00	51.58 0.82 0.00	47.71 0.77 0.00
STILLWATER___SOLAR 323814	51.88 1.44 0.00	50.44 1.55 0.00	50.27 1.40 0.00	48.20 1.27 0.00	54.02 1.45 0.00	45.85 1.25 0.00	51.34 1.43 0.00	68.31 2.01 0.00	69.20 1.72 0.00	50.04 0.71 0.00	43.21 0.31 0.00	42.54 0.49 0.00	37.74 0.57 0.00	42.63 0.63 0.00	43.00 0.93 0.00	48.66 1.16 0.00	57.47 1.58 0.00	63.44 2.18 0.00	55.93 1.88 0.00	59.35 1.98 0.00	62.96 2.12 0.00	61.48 1.84 0.00	52.25 1.50 0.00	48.29 1.34 0.00
STONY___BROOK 24151	55.40 1.20 -3.75	51.99 1.34 -1.76	51.14 1.12 -1.15	49.46 0.90 -1.63	55.31 0.81 -1.91	43.34 0.65 1.90	11.92 0.37 38.36	12.37 0.72 54.65	12.43 0.74 55.79	16.08 0.78 34.04	45.00 1.49 -0.60	44.04 1.47 -0.52	38.44 1.25 -0.02	43.91 1.41 -0.50	43.60 1.47 -0.06	46.07 1.14 2.56	44.76 0.95 12.08	62.33 1.07 0.00	28.24 0.51 26.34	29.83 0.44 27.98	43.15 0.64 18.32	45.93 0.85 14.56	47.20 0.65 4.22	44.29 0.22 2.87
STURGEON_POOL_HYD 23609	52.35 1.91 0.00	50.79 1.90 0.00	50.68 1.81 0.00	48.63 1.69 0.00	54.36 1.78 0.00	46.09 1.49 0.00	51.37 1.46 0.00	68.39 2.09 0.00	69.59 2.10 0.00	51.12 1.79 0.00	44.54 1.64 0.00	43.67 1.62 0.00	38.61 1.44 0.00	43.71 1.71 0.00	43.90 1.83 0.00	49.34 1.85 0.00	57.82 1.93 0.00	63.02 1.76 0.00	55.66 1.60 0.00	58.94 1.58 0.00	62.58 1.75 0.00	61.60 1.96 0.00	52.40 1.65 0.00	48.15 1.21 0.00

ST_LAW_115_BK7_LBMP 345037	51.11 0.66 0.00	49.38 0.49 0.00	49.39 0.52 0.00	47.45 0.52 0.00	53.20 0.62 0.00	45.12 0.52 0.00	50.58 0.67 0.00	67.19 0.89 0.00	68.48 1.00 0.00	50.19 0.86 0.00	43.58 0.67 0.00	42.53 0.48 0.00	37.54 0.37 0.00	42.41 0.41 0.00	42.41 0.33 0.00	47.93 0.44 0.00	56.48 0.59 0.00	62.02 0.76 0.00	54.73 0.67 0.00	58.16 0.79 0.00	61.57 0.73 0.00	60.31 0.67 0.00	51.39 0.63 0.00	47.78 0.84 0.00
ST_LAW_115_BK8_LBMP 345038	51.11 0.66 0.00	49.38 0.49 0.00	49.39 0.52 0.00	47.45 0.52 0.00	53.20 0.62 0.00	45.12 0.52 0.00	50.58 0.67 0.00	67.19 0.89 0.00	68.48 1.00 0.00	50.19 0.86 0.00	43.58 0.67 0.00	42.53 0.48 0.00	37.54 0.37 0.00	42.41 0.41 0.00	42.41 0.33 0.00	47.93 0.44 0.00	56.48 0.59 0.00	62.02 0.76 0.00	54.73 0.67 0.00	58.16 0.79 0.00	61.57 0.73 0.00	60.31 0.67 0.00	51.39 0.63 0.00	47.78 0.84 0.00
ST_LAW_230_BK5_LBMP 345035	51.01 0.57 0.00	49.31 0.42 0.00	49.32 0.45 0.00	47.37 0.44 0.00	53.12 0.54 0.00	45.04 0.44 0.00	50.49 0.58 0.00	67.09 0.79 0.00	68.38 0.90 0.00	50.09 0.76 0.00	43.52 0.61 0.00	42.47 0.42 0.00	37.50 0.32 0.00	42.36 0.36 0.00	42.37 0.29 0.00	47.88 0.38 0.00	56.40 0.51 0.00	61.91 0.65 0.00	54.64 0.58 0.00	58.06 0.68 0.00	61.46 0.62 0.00	60.22 0.58 0.00	51.31 0.55 0.00	47.69 0.75 0.00
ST_LAW_230_BK6_LBMP 345036	51.01 0.57 0.00	49.31 0.42 0.00	49.32 0.45 0.00	47.37 0.44 0.00	53.12 0.54 0.00	45.04 0.44 0.00	50.49 0.58 0.00	67.09 0.79 0.00	68.38 0.90 0.00	50.09 0.76 0.00	43.52 0.61 0.00	42.47 0.42 0.00	37.50 0.32 0.00	42.36 0.36 0.00	42.37 0.29 0.00	47.88 0.38 0.00	56.40 0.51 0.00	61.91 0.65 0.00	54.64 0.58 0.00	58.06 0.68 0.00	61.46 0.62 0.00	60.22 0.58 0.00	51.31 0.55 0.00	47.69 0.75 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	52.33 1.89 0.00	50.72 1.83 0.00	50.59 1.72 0.00	48.53 1.60 0.00	54.30 1.72 0.00	46.10 1.50 0.00	51.34 1.43 0.00	68.35 2.05 0.00	69.51 2.03 0.00	51.02 1.69 0.00	44.50 1.59 0.00	43.74 1.69 0.00	38.67 1.49 0.00	43.75 1.75 0.00	43.88 1.80 0.00	49.31 1.82 0.00	57.77 1.88 0.00	62.93 1.67 0.00	55.60 1.54 0.00	58.89 1.52 0.00	62.49 1.65 0.00	61.48 1.84 0.00	52.30 1.54 0.00	48.06 1.12 0.00
SWANROAD_115KV_TB1 355699	49.08 -1.37 0.00	46.76 -2.13 0.00	47.21 -1.65 0.00	45.51 -1.42 0.00	51.29 -1.29 0.00	43.65 -0.95 0.00	48.87 -1.04 0.00	63.97 -2.33 0.00	65.76 -1.71 0.00	49.07 -0.26 0.00	43.48 0.57 0.00	42.83 0.78 0.00	37.61 0.44 0.00	42.36 0.36 0.00	41.91 -0.16 0.00	47.40 -0.10 0.00	54.47 -1.41 0.00	58.45 -2.81 0.00	51.66 -2.40 0.00	55.15 -2.22 0.00	58.11 -2.73 0.00	57.40 -2.24 0.00	49.13 -1.63 0.00	45.91 -1.04 0.00
SYNERGY___BIOGAS 323694	50.92 0.48 0.00	48.62 -0.28 0.00	48.98 0.11 0.00	47.16 0.23 0.00	53.10 0.51 0.00	45.09 0.50 0.00	50.60 0.69 0.00	66.53 0.23 0.00	68.21 0.73 0.00	50.36 1.03 0.00	44.38 1.47 0.00	43.63 1.59 0.00	38.14 0.97 0.00	43.23 1.23 0.00	42.88 0.80 0.00	48.83 1.33 0.00	56.73 0.85 0.00	61.32 0.06 0.00	54.23 0.17 0.00	57.81 0.44 0.00	60.94 0.10 0.00	60.01 0.37 0.00	51.19 0.43 0.00	47.52 0.57 0.00
SYRACUSE___ENERGY_ST1 323597	49.85 -0.59 0.00	48.25 -0.64 0.00	48.27 -0.60 0.00	46.38 -0.56 0.00	51.97 -0.62 0.00	44.15 -0.45 0.00	49.42 -0.49 0.00	65.62 -0.68 0.00	66.80 -0.68 0.00	48.80 -0.53 0.00	42.53 -0.38 0.00	41.76 -0.29 0.00	36.92 -0.26 0.00	41.68 -0.33 0.00	41.63 -0.44 0.00	47.05 -0.45 0.00	55.35 -0.54 0.00	60.66 -0.60 0.00	53.56 -0.50 0.00	56.82 -0.55 0.00	60.22 -0.62 0.00	58.99 -0.65 0.00	50.17 -0.59 0.00	46.33 -0.61 0.00
SYRACUSE___ENERGY_ST2 323598	49.85 -0.59 0.00	48.25 -0.64 0.00	48.27 -0.60 0.00	46.38 -0.56 0.00	51.97 -0.62 0.00	44.15 -0.45 0.00	49.42 -0.49 0.00	65.62 -0.68 0.00	66.80 -0.68 0.00	48.80 -0.53 0.00	42.53 -0.38 0.00	41.76 -0.29 0.00	36.92 -0.26 0.00	41.68 -0.33 0.00	41.63 -0.44 0.00	47.05 -0.45 0.00	55.35 -0.54 0.00	60.66 -0.60 0.00	53.56 -0.50 0.00	56.82 -0.55 0.00	60.22 -0.62 0.00	58.99 -0.65 0.00	50.17 -0.59 0.00	46.33 -0.61 0.00
SYRACUSE___POWER 24017	49.88 -0.57 0.00	48.29 -0.60 0.00	48.29 -0.58 0.00	46.40 -0.53 0.00	52.00 -0.59 0.00	44.16 -0.44 0.00	49.44 -0.47 0.00	65.66 -0.64 0.00	66.84 -0.64 0.00	48.85 -0.48 0.00	42.56 -0.35 0.00	41.80 -0.24 0.00	36.94 -0.24 0.00	41.74 -0.26 0.00	41.72 -0.35 0.00	47.12 -0.38 0.00	55.42 -0.46 0.00	60.73 -0.53 0.00	53.61 -0.45 0.00	56.89 -0.48 0.00	60.28 -0.56 0.00	59.08 -0.56 0.00	50.24 -0.52 0.00	46.38 -0.56 0.00
TALLMAN_138KV_BK151 55660	52.51 2.06 0.00	50.86 1.97 0.00	50.71 1.84 0.00	48.64 1.71 0.00	54.41 1.83 0.00	46.23 1.63 0.00	51.49 1.58 0.00	68.55 2.25 0.00	69.69 2.21 0.00	51.19 1.85 0.00	44.71 1.80 0.00	43.97 1.92 0.00	38.88 1.70 0.00	43.90 1.90 0.00	44.04 1.96 0.00	49.45 1.96 0.00	57.86 1.97 0.00	63.02 1.76 0.00	55.69 1.63 0.00	58.97 1.60 0.00	62.57 1.73 0.00	61.57 1.93 0.00	52.37 1.61 0.00	48.11 1.16 0.00
TEALLAVE_115KV_TB7 355573	49.58 -0.87 0.00	48.00 -0.89 0.00	47.99 -0.87 0.00	46.12 -0.81 0.00	51.69 -0.89 0.00	43.88 -0.71 0.00	49.15 -0.76 0.00	65.22 -1.08 0.00	66.43 -1.06 0.00	48.56 -0.77 0.00	42.32 -0.58 0.00	41.58 -0.47 0.00	36.73 -0.44 0.00	41.49 -0.51 0.00	41.48 -0.60 0.00	46.85 -0.64 0.00	55.08 -0.81 0.00	60.36 -0.90 0.00	53.25 -0.81 0.00	56.52 -0.85 0.00	59.90 -0.94 0.00	58.69 -0.95 0.00	49.93 -0.83 0.00	46.11 -0.84 0.00
TELGRAPH_34_KV_EAST 80808	50.08 -0.37 0.00	47.76 -1.14 0.00	48.17 -0.70 0.00	46.39 -0.54 0.00	52.26 -0.32 0.00	44.38 -0.22 0.00	49.73 -0.18 0.00	65.24 -1.07 0.00	67.00 -0.48 0.00	49.78 0.45 0.00	44.03 1.12 0.00	43.31 1.26 0.00	37.99 0.82 0.00	42.87 0.86 0.00	42.46 0.39 0.00	48.17 0.68 0.00	55.62 -0.27 0.00	59.92 -1.34 0.00	53.00 -1.06 0.00	56.54 -0.83 0.00	59.62 -1.22 0.00	58.81 -0.83 0.00	50.26 -0.50 0.00	46.77 -0.18 0.00
TEMPLE___115KV_TB 2 55572	49.58 -0.87 0.00	48.01 -0.88 0.00	48.01 -0.86 0.00	46.12 -0.81 0.00	51.69 -0.89 0.00	43.89 -0.70 0.00	49.15 -0.76 0.00	65.24 -1.06 0.00	66.42 -1.06 0.00	48.56 -0.76 0.00	42.34 -0.57 0.00	41.59 -0.46 0.00	36.75 -0.42 0.00	41.50 -0.50 0.00	41.50 -0.57 0.00	46.86 -0.63 0.00	55.11 -0.78 0.00	60.36 -0.90 0.00	53.26 -0.80 0.00	56.52 -0.85 0.00	59.91 -0.93 0.00	58.71 -0.93 0.00	49.94 -0.82 0.00	46.11 -0.83 0.00
TIANA____69_KV_BK 1 55817	-5.72 1.10 57.26	23.30 1.22 26.82	32.36 1.02 17.52	22.74 0.78 24.96	-13.43 0.51 66.52	6.25 0.46 38.80	11.54 0.28 38.65	11.86 0.63 55.07	12.05 0.78 56.21	14.40 0.81 35.75	35.34 1.55 9.12	35.63 1.52 7.94	38.24 1.30 0.23	35.72 1.41 7.69	42.73 1.58 0.93	46.27 1.36 2.58	44.97 1.25 12.17	62.80 1.54 0.00	28.52 1.00 26.53	30.15 0.97 28.19	43.29 0.92 18.46	46.20 1.23 14.67	47.46 0.94 4.25	44.45 0.40 2.90

TILDEN___115KV_TB1 80814	49.88 -0.57 0.00	48.29 -0.60 0.00	48.29 -0.58 0.00	46.40 -0.53 0.00	52.00 -0.59 0.00	44.16 -0.44 0.00	49.44 -0.47 0.00	65.66 -0.64 0.00	66.84 -0.64 0.00	48.85 -0.48 0.00	42.56 -0.35 0.00	41.80 -0.24 0.00	36.94 -0.24 0.00	41.74 -0.26 0.00	41.72 -0.35 0.00	47.12 -0.38 0.00	55.42 -0.46 0.00	60.73 -0.53 0.00	53.61 -0.45 0.00	56.89 -0.48 0.00	60.28 -0.56 0.00	59.08 -0.56 0.00	50.24 -0.52 0.00	46.38 -0.56 0.00
TRIGEN___CC 323695	52.33 1.89 0.00	50.77 1.88 0.00	50.55 1.68 0.00	48.43 1.50 0.00	53.73 1.52 0.37	45.09 1.26 0.77	44.03 1.02 6.89	58.28 1.53 9.56	59.14 1.52 9.86	44.71 1.42 6.04	44.78 1.87 0.00	43.92 1.87 0.00	38.79 1.62 0.00	43.83 1.83 0.00	43.95 1.87 0.00	48.76 1.67 0.41	55.52 1.57 1.94	62.79 1.53 0.00	51.04 1.21 4.23	54.01 1.14 4.49	59.18 1.28 2.94	58.74 1.44 2.34	51.32 1.24 0.68	47.33 0.85 0.46
TRINITY___115KV__4 BK 55933	50.25 -0.20 0.00	48.85 -0.04 0.00	48.69 -0.18 0.00	46.69 -0.24 0.00	52.26 -0.32 0.00	44.34 -0.25 0.00	49.53 -0.38 0.00	65.89 -0.41 0.00	66.91 -0.57 0.00	48.71 -0.62 0.00	42.22 -0.68 0.00	41.46 -0.59 0.00	36.85 -0.32 0.00	41.59 -0.41 0.00	41.84 -0.24 0.00	47.20 -0.29 0.00	55.75 -0.13 0.00	61.16 -0.10 0.00	53.92 -0.14 0.00	57.15 -0.22 0.00	60.71 -0.13 0.00	59.47 -0.18 0.00	50.51 -0.25 0.00	46.60 -0.34 0.00
UNION___PROCESSING_DRP 323587	50.18 -0.27 0.00	48.17 -0.72 0.00	48.37 -0.50 0.00	46.52 -0.41 0.00	52.26 -0.32 0.00	44.29 -0.30 0.00	49.66 -0.25 0.00	65.59 -0.71 0.00	67.07 -0.41 0.00	49.40 0.08 0.00	43.35 0.44 0.00	42.68 0.63 0.00	37.57 0.40 0.00	42.36 0.36 0.00	42.25 0.17 0.00	47.87 0.37 0.00	55.88 -0.01 0.00	60.83 -0.43 0.00	53.76 -0.30 0.00	57.19 -0.18 0.00	60.42 -0.42 0.00	59.36 -0.28 0.00	50.55 -0.21 0.00	46.72 -0.22 0.00
UPPER HUDSON___HYD 24058	51.64 1.20 0.00	50.30 1.40 0.00	50.13 1.26 0.00	48.09 1.16 0.00	53.92 1.34 0.00	45.64 1.05 0.00	51.24 1.33 0.00	68.14 1.84 0.00	68.92 1.44 0.00	49.66 0.33 0.00	42.81 -0.10 0.00	42.23 0.18 0.00	37.53 0.35 0.00	42.35 0.34 0.00	42.78 0.71 0.00	48.54 1.04 0.00	57.30 1.41 0.00	63.37 2.11 0.00	55.85 1.79 0.00	59.33 1.96 0.00	62.87 2.03 0.00	61.12 1.48 0.00	52.02 1.26 0.00	48.13 1.19 0.00
UPPER RAQUET___HYD 24056	52.73 2.28 0.00	50.86 1.97 0.00	50.90 2.03 0.00	48.89 1.96 0.00	54.83 2.25 0.00	46.51 1.92 0.00	52.22 2.31 0.00	69.35 3.04 0.00	70.69 3.21 0.00	51.51 2.18 0.00	44.57 1.66 0.00	43.31 1.26 0.00	38.25 1.07 0.00	43.18 1.18 0.00	43.21 1.14 0.00	48.78 1.28 0.00	57.90 2.01 0.00	64.04 2.78 0.00	56.67 2.61 0.00	60.20 2.83 0.00	63.70 2.86 0.00	62.47 2.83 0.00	53.17 2.41 0.00	49.42 2.47 0.00
VALLEY44_115KV_TB2 355964	50.66 0.22 0.00	48.45 -0.44 0.00	48.91 0.04 0.00	47.11 0.18 0.00	53.06 0.47 0.00	44.74 0.14 0.00	50.03 0.12 0.00	65.89 -0.41 0.00	67.30 -0.18 0.00	49.92 0.59 0.00	44.07 1.16 0.00	43.38 1.33 0.00	38.22 1.05 0.00	43.09 1.09 0.00	42.55 0.47 0.00	48.20 0.71 0.00	55.77 -0.12 0.00	60.08 -1.18 0.00	53.12 -0.94 0.00	56.76 -0.61 0.00	60.27 -0.57 0.00	59.38 -0.26 0.00	50.67 -0.09 0.00	46.70 -0.24 0.00
VALLEY___115KV_TB 1-4 80826	51.95 1.50 0.00	50.48 1.59 0.00	50.39 1.52 0.00	48.35 1.42 0.00	54.17 1.59 0.00	45.99 1.39 0.00	51.35 1.44 0.00	68.37 2.07 0.00	69.01 1.53 0.00	49.48 0.15 0.00	43.14 0.23 0.00	42.41 0.36 0.00	37.58 0.41 0.00	42.42 0.41 0.00	42.78 0.70 0.00	48.00 0.51 0.00	57.02 1.13 0.00	62.94 1.68 0.00	55.89 1.83 0.00	59.32 1.95 0.00	62.90 2.06 0.00	61.72 2.08 0.00	52.43 1.67 0.00	48.31 1.37 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	52.38 1.93 0.00	50.93 2.04 0.00	50.95 2.08 0.00	48.90 1.97 0.00	54.78 2.20 0.00	46.36 1.76 0.00	51.78 1.87 0.00	68.93 2.63 0.00	70.16 2.68 0.00	51.34 2.01 0.00	44.67 1.77 0.00	43.91 1.86 0.00	38.73 1.56 0.00	43.84 1.84 0.00	43.87 1.80 0.00	49.57 2.08 0.00	58.29 2.40 0.00	63.58 2.32 0.00	56.15 2.09 0.00	59.48 2.11 0.00	63.15 2.32 0.00	62.01 2.37 0.00	52.71 1.95 0.00	48.54 1.59 0.00
VISCHER___FERRY HYD 24020	51.27 0.82 0.00	49.83 0.94 0.00	49.62 0.75 0.00	47.55 0.62 0.00	53.27 0.69 0.00	45.26 0.67 0.00	50.60 0.69 0.00	67.37 1.07 0.00	68.33 0.85 0.00	49.60 0.28 0.00	42.90 -0.01 0.00	42.12 0.07 0.00	37.36 0.19 0.00	42.23 0.22 0.00	42.53 0.46 0.00	48.07 0.58 0.00	56.86 0.97 0.00	62.57 1.31 0.00	55.14 1.08 0.00	58.51 1.14 0.00	62.14 1.30 0.00	60.73 1.09 0.00	51.60 0.84 0.00	47.70 0.76 0.00
V_A_10_SYNC_DSASP 323832	49.76 -0.68 0.00	47.50 -1.39 0.00	47.92 -0.95 0.00	46.15 -0.79 0.00	51.96 -0.62 0.00	43.93 -0.67 0.00	49.15 -0.76 0.00	64.48 -1.82 0.00	66.19 -1.30 0.00	49.23 -0.10 0.00	43.54 0.64 0.00	42.88 0.83 0.00	37.71 0.53 0.00	42.46 0.46 0.00	42.08 0.01 0.00	47.60 0.11 0.00	55.10 -0.79 0.00	59.46 -1.80 0.00	52.56 -1.51 0.00	56.06 -1.31 0.00	59.17 -1.67 0.00	58.37 -1.27 0.00	49.92 -0.84 0.00	46.29 -0.65 0.00
V_CMM_10_SYNC_DSASP 323787	51.39 0.94 0.00	49.65 0.75 0.00	49.65 0.78 0.00	47.71 0.78 0.00	53.50 0.91 0.00	45.36 0.76 0.00	50.86 0.95 0.00	67.55 1.25 0.00	68.77 1.29 0.00	50.47 1.14 0.00	43.82 0.91 0.00	42.76 0.71 0.00	37.75 0.58 0.00	42.63 0.63 0.00	42.64 0.57 0.00	48.18 0.69 0.00	56.77 0.88 0.00	62.31 1.05 0.00	55.02 0.96 0.00	58.46 1.09 0.00	61.88 1.05 0.00	60.63 0.99 0.00	51.67 0.91 0.00	48.04 1.10 0.00
V_CMP_10_SYNC_DSASP 323788	51.63 1.18 0.00	49.89 1.00 0.00	49.87 1.00 0.00	47.89 0.96 0.00	53.70 1.12 0.00	45.55 0.96 0.00	50.92 1.01 0.00	67.75 1.45 0.00	68.93 1.46 0.00	50.52 1.19 0.00	43.86 0.95 0.00	42.70 0.65 0.00	37.65 0.48 0.00	42.62 0.62 0.00	42.77 0.70 0.00	48.49 1.00 0.00	56.98 1.10 0.00	62.66 1.40 0.00	55.21 1.15 0.00	58.72 1.36 0.00	62.16 1.32 0.00	60.69 1.05 0.00	51.98 1.22 0.00	48.40 1.46 0.00
V_D_10_SYNC_DSASP 323841	51.94 1.49 0.00	50.14 1.25 0.00	50.16 1.29 0.00	48.20 1.27 0.00	54.06 1.47 0.00	45.83 1.24 0.00	51.38 1.48 0.00	68.26 1.97 0.00	69.60 2.11 0.00	50.94 1.61 0.00	44.23 1.33 0.00	43.14 1.09 0.00	38.09 0.92 0.00	43.01 1.01 0.00	43.02 0.94 0.00	48.59 1.09 0.00	57.32 1.43 0.00	63.01 1.75 0.00	55.60 1.54 0.00	59.08 1.71 0.00	62.54 1.70 0.00	61.28 1.64 0.00	52.20 1.44 0.00	48.55 1.61 0.00
V_E_10_SYNC_DSASP 323830	54.24 3.05 -0.74	52.52 2.99 -0.63	52.51 3.17 -0.47	50.38 2.90 -0.55	56.35 3.31 -0.46	47.64 2.84 -0.21	53.58 3.28 -0.38	71.74 4.73 -0.71	72.49 4.60 -0.41	52.32 2.85 -0.14	45.08 2.17 0.00	44.31 2.26 0.00	39.16 1.98 0.00	44.59 2.59 0.00	44.77 2.55 -0.14	50.76 3.01 -0.26	59.96 3.96 -0.10	65.87 4.60 -0.01	58.26 4.20 0.00	61.74 4.36 -0.01	65.57 4.47 -0.25	64.35 4.32 -0.39	54.71 3.49 -0.46	50.07 2.96 -0.17

V_F_30_NSYNC___DSASP 323816	51.96 1.51 0.00	50.51 1.62 0.00	50.35 1.48 0.00	48.29 1.36 0.00	54.11 1.53 0.00	45.92 1.32 0.00	51.40 1.49 0.00	68.39 2.09 0.00	69.31 1.83 0.00	50.15 0.82 0.00	43.34 0.43 0.00	42.66 0.61 0.00	37.85 0.68 0.00	42.74 0.74 0.00	43.09 1.01 0.00	48.76 1.26 0.00	57.57 1.68 0.00	63.52 2.26 0.00	56.02 1.95 0.00	59.43 2.06 0.00	63.05 2.21 0.00	61.56 1.92 0.00	52.33 1.58 0.00	48.34 1.40 0.00
V_F_30_SYNC_DSASP 323786	50.56 0.11 0.00	49.14 0.25 0.00	48.98 0.11 0.00	46.97 0.04 0.00	52.57 -0.01 0.00	44.62 0.03 0.00	49.83 -0.08 0.00	66.34 0.04 0.00	67.33 -0.15 0.00	48.98 -0.35 0.00	42.47 -0.44 0.00	41.73 -0.33 0.00	37.10 -0.07 0.00	41.86 -0.14 0.00	42.09 0.02 0.00	47.52 0.02 0.00	56.15 0.27 0.00	61.60 0.34 0.00	54.32 0.25 0.00	57.57 0.20 0.00	61.16 0.32 0.00	59.88 0.24 0.00	50.84 0.08 0.00	46.91 -0.04 0.00
V_XM_10_SYNC_DSASP 323789	51.63 1.18 0.00	49.89 1.00 0.00	49.87 1.00 0.00	47.89 0.96 0.00	53.70 1.12 0.00	45.55 0.96 0.00	50.92 1.01 0.00	67.75 1.45 0.00	68.93 1.46 0.00	50.52 1.19 0.00	43.86 0.95 0.00	42.70 0.65 0.00	37.65 0.48 0.00	42.62 0.62 0.00	42.77 0.70 0.00	48.49 1.00 0.00	56.98 1.10 0.00	62.66 1.40 0.00	55.21 1.15 0.00	58.72 1.36 0.00	62.16 1.32 0.00	60.69 1.05 0.00	51.98 1.22 0.00	48.40 1.46 0.00
W.BABYLN_69_KV_BK1 56697	52.58 2.13 0.00	51.00 2.11 0.00	50.77 1.90 0.00	48.58 1.65 0.00	52.31 1.66 1.92	42.43 1.34 3.51	17.73 1.14 33.32	21.73 1.72 46.28	20.53 1.73 48.68	21.38 1.54 29.49	44.97 2.06 0.00	44.06 2.01 0.00	38.92 1.75 0.00	43.92 1.91 0.00	44.05 1.97 0.00	47.12 1.77 2.15	47.39 1.62 10.11	62.99 1.73 0.00	33.26 1.25 22.05	35.10 1.16 23.43	46.84 1.35 15.34	48.98 1.53 12.19	48.71 1.48 3.53	45.59 1.05 2.41
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	52.76 2.31 0.00	51.10 2.21 0.00	50.94 2.07 0.00	48.86 1.93 0.00	54.66 2.09 0.00	46.44 1.84 0.00	51.74 1.83 0.00	68.88 2.58 0.00	70.04 2.56 0.00	51.45 2.12 0.00	44.93 2.03 0.00	44.17 2.12 0.00	39.06 1.89 0.00	44.12 2.12 0.00	44.26 2.18 0.00	49.73 2.23 0.00	58.19 2.30 0.00	63.39 2.13 0.00	56.01 1.95 0.00	59.30 1.93 0.00	62.91 2.07 0.00	61.89 2.25 0.00	52.63 1.87 0.00	48.34 1.40 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	52.80 2.36 0.00	51.12 2.23 0.00	50.91 2.04 0.00	48.81 1.87 0.00	54.62 2.04 0.00	46.42 1.82 0.00	51.72 1.82 0.00	68.85 2.55 0.00	70.06 2.58 0.00	51.53 2.20 0.00	45.04 2.13 0.00	44.25 2.20 0.00	39.06 1.88 0.00	44.14 2.13 0.00	44.29 2.21 0.00	49.71 2.22 0.00	58.14 2.25 0.00	63.30 2.04 0.00	55.96 1.90 0.00	59.23 1.86 0.00	62.83 1.99 0.00	61.80 2.16 0.00	52.56 1.80 0.00	48.28 1.34 0.00
W50THST__13_KV_LOAD 356117	53.08 2.63 0.00	51.38 2.49 0.00	51.09 2.22 0.00	48.94 2.01 0.00	54.76 2.18 0.00	46.55 1.95 0.00	51.86 1.95 0.00	69.07 2.77 0.00	70.36 2.87 0.00	51.77 2.44 0.00	45.26 2.36 0.00	44.48 2.42 0.00	39.27 2.09 0.00	44.37 2.37 0.00	44.51 2.44 0.00	49.97 2.47 0.00	58.44 2.55 0.00	63.60 2.34 0.00	56.21 2.14 0.00	59.48 2.11 0.00	63.07 2.24 0.00	62.05 2.41 0.00	52.78 2.02 0.00	48.48 1.54 0.00
WADING RIVER_IC_1 23522	7.87 0.57 43.15	29.45 0.76 20.20	36.20 0.54 13.20	28.44 0.32 18.81	2.02 0.14 50.70	14.42 0.10 30.27	11.02 -0.21 38.68	11.14 -0.06 55.10	11.18 -0.05 56.25	14.07 0.18 35.43	37.06 1.03 6.87	37.12 1.05 5.99	37.93 0.93 0.17	37.24 1.04 5.80	42.51 1.13 0.70	45.65 0.74 2.59	44.16 0.45 12.18	61.83 0.57 0.00	27.57 0.06 26.56	29.13 -0.04 28.21	42.41 0.04 18.48	45.29 0.32 14.68	46.69 0.18 4.25	43.76 -0.28 2.90
WADING RIVER_IC_2 23547	7.87 0.57 43.15	29.45 0.76 20.20	36.20 0.54 13.20	28.44 0.32 18.81	2.02 0.14 50.70	14.42 0.10 30.27	11.02 -0.21 38.68	11.14 -0.06 55.10	11.18 -0.05 56.25	14.07 0.18 35.43	37.06 1.03 6.87	37.12 1.05 5.99	37.93 0.93 0.17	37.24 1.04 5.80	42.51 1.13 0.70	45.65 0.74 2.59	44.16 0.45 12.18	61.83 0.57 0.00	27.57 0.06 26.56	29.13 -0.04 28.21	42.41 0.04 18.48	45.29 0.32 14.68	46.69 0.18 4.25	43.76 -0.28 2.90
WADING RIVER_IC_3 23601	7.87 0.57 43.15	29.45 0.76 20.20	36.20 0.54 13.20	28.44 0.32 18.81	2.02 0.14 50.70	14.42 0.10 30.27	11.02 -0.21 38.68	11.14 -0.06 55.10	11.18 -0.05 56.25	14.07 0.18 35.43	37.06 1.03 6.87	37.12 1.05 5.99	37.93 0.93 0.17	37.24 1.04 5.80	42.51 1.13 0.70	45.65 0.74 2.59	44.16 0.45 12.18	61.83 0.57 0.00	27.57 0.06 26.56	29.13 -0.04 28.21	42.41 0.04 18.48	45.29 0.32 14.68	46.69 0.18 4.25	43.76 -0.28 2.90
WALDENNY_12_KV_BK2 80841	50.29 -0.16 0.00	47.93 -0.96 0.00	48.37 -0.50 0.00	46.57 -0.36 0.00	52.45 -0.13 0.00	44.44 -0.15 0.00	49.78 -0.13 0.00	65.34 -0.97 0.00	67.04 -0.45 0.00	49.85 0.52 0.00	44.06 1.15 0.00	43.40 1.35 0.00	38.13 0.96 0.00	43.01 1.01 0.00	42.58 0.50 0.00	48.27 0.77 0.00	55.78 -0.10 0.00	59.99 -1.27 0.00	53.09 -0.97 0.00	56.65 -0.72 0.00	59.83 -1.01 0.00	59.01 -0.63 0.00	50.49 -0.27 0.00	46.83 -0.11 0.00
WALDEN__HYDRO 24148	52.55 2.10 0.00	50.93 2.04 0.00	50.80 1.94 0.00	48.73 1.80 0.00	54.52 1.94 0.00	46.28 1.68 0.00	51.56 1.65 0.00	68.64 2.34 0.00	69.79 2.31 0.00	51.20 1.87 0.00	44.65 1.74 0.00	43.82 1.76 0.00	38.75 1.58 0.00	43.85 1.84 0.00	44.00 1.92 0.00	49.49 2.00 0.00	57.99 2.10 0.00	63.23 1.97 0.00	55.88 1.82 0.00	59.16 1.79 0.00	62.79 1.95 0.00	61.78 2.14 0.00	52.55 1.79 0.00	48.28 1.33 0.00
WARRENSBURG____ 23737	51.64 1.20 0.00	50.29 1.40 0.00	50.13 1.27 0.00	48.11 1.18 0.00	53.93 1.35 0.00	45.65 1.05 0.00	51.24 1.33 0.00	68.14 1.84 0.00	68.92 1.44 0.00	49.66 0.33 0.00	42.81 -0.10 0.00	42.23 0.18 0.00	37.53 0.35 0.00	42.35 0.34 0.00	42.79 0.71 0.00	48.54 1.04 0.00	57.30 1.41 0.00	63.37 2.11 0.00	55.85 1.79 0.00	59.33 1.96 0.00	62.87 2.03 0.00	61.12 1.48 0.00	52.02 1.26 0.00	48.13 1.19 0.00
WATERSIDE____6 8 9 23538	52.76 2.31 0.00	51.08 2.18 0.00	50.93 2.06 0.00	48.87 1.94 0.00	54.68 2.10 0.00	46.49 1.89 0.00	51.84 1.93 0.00	68.95 2.65 0.00	70.10 2.61 0.00	51.61 2.28 0.00	45.10 2.19 0.00	44.30 2.25 0.00	39.12 1.95 0.00	44.19 2.19 0.00	44.36 2.28 0.00	49.76 2.26 0.00	58.19 2.30 0.00	63.33 2.07 0.00	56.00 1.94 0.00	59.27 1.90 0.00	62.86 2.02 0.00	61.86 2.21 0.00	52.63 1.87 0.00	48.32 1.37 0.00
WATKINRD_115KV_LN8_ILLION 55919	51.44 1.00 0.00	49.95 1.06 0.00	49.89 1.02 0.00	47.88 0.95 0.00	53.64 1.06 0.00	45.51 0.92 0.00	50.84 0.94 0.00	67.67 1.36 0.00	68.46 0.98 0.00	49.37 0.04 0.00	43.02 0.10 0.00	42.25 0.20 0.00	37.42 0.25 0.00	42.27 0.27 0.00	42.53 0.45 0.00	47.80 0.31 0.00	56.61 0.73 0.00	62.37 1.11 0.00	55.29 1.23 0.00	58.68 1.31 0.00	62.23 1.39 0.00	61.06 1.42 0.00	51.87 1.11 0.00	47.82 0.88 0.00

WDELAWARE___HYD 323627	51.85 1.40 0.00	50.28 1.38 0.00	50.18 1.31 0.00	48.12 1.18 0.00	53.84 1.26 0.00	45.68 1.08 0.00	50.97 1.06 0.00	67.92 1.62 0.00	69.07 1.59 0.00	50.55 1.22 0.00	43.94 1.03 0.00	43.02 0.97 0.00	37.90 0.73 0.00	41.95 -0.05 0.00	42.06 -0.02 0.00	47.40 -0.09 0.00	55.81 -0.08 0.00	60.92 -0.34 0.00	53.91 -0.16 0.00	57.06 -0.31 0.00	60.76 -0.07 0.00	61.22 1.58 0.00	52.03 1.27 0.00	47.78 0.84 0.00
WEST BABYLON___IC 23714	52.58 2.13 0.00	51.00 2.11 0.00	50.77 1.90 0.00	48.58 1.65 0.00	52.31 1.66 1.92	42.43 1.34 3.51	17.73 1.14 33.32	21.73 1.72 46.28	20.53 1.73 48.68	21.38 1.54 29.49	44.97 2.06 0.00	44.06 2.01 0.00	38.92 1.75 0.00	43.92 1.91 0.00	44.05 1.97 0.00	47.12 1.77 2.15	47.39 1.62 10.11	62.99 1.73 0.00	33.26 1.25 22.05	35.10 1.16 23.43	46.84 1.35 15.34	48.98 1.53 12.19	48.71 1.48 3.53	45.59 1.05 2.41
WEST CANADA___HYD 24049	50.50 0.06 0.00	48.99 0.10 0.00	48.97 0.09 0.00	47.02 0.09 0.00	52.67 0.08 0.00	44.66 0.07 0.00	49.95 0.04 0.00	66.36 0.06 0.00	67.48 0.00 0.00	49.28 -0.05 0.00	42.85 -0.06 0.00	42.01 -0.04 0.00	37.17 0.00 0.00	42.01 0.01 0.00	42.11 0.04 0.00	47.51 0.01 0.00	55.93 0.05 0.00	61.32 0.06 0.00	54.12 0.05 0.00	57.43 0.06 0.00	60.91 0.07 0.00	59.73 0.09 0.00	50.81 0.05 0.00	46.93 -0.02 0.00
WESTERN_NY_WIND 24143	50.87 0.42 0.00	48.56 -0.34 0.00	48.91 0.04 0.00	47.11 0.17 0.00	53.04 0.46 0.00	45.05 0.46 0.00	50.54 0.64 0.00	66.45 0.15 0.00	68.14 0.66 0.00	50.32 0.99 0.00	44.37 1.46 0.00	43.61 1.56 0.00	38.13 0.96 0.00	43.22 1.21 0.00	42.85 0.77 0.00	48.80 1.30 0.00	56.68 0.79 0.00	61.23 -0.03 0.00	54.15 0.09 0.00	57.71 0.34 0.00	60.85 0.01 0.00	59.94 0.30 0.00	51.12 0.37 0.00	47.47 0.52 0.00
WESTOVER___LESR 323668	50.57 0.12 0.00	48.98 0.08 0.00	49.12 0.25 0.00	47.19 0.25 0.00	52.91 0.33 0.00	44.81 0.21 0.00	50.06 0.15 0.00	66.51 0.21 0.00	67.66 0.18 0.00	49.58 0.25 0.00	43.26 0.35 0.00	42.54 0.49 0.00	37.57 0.40 0.00	42.50 0.49 0.00	42.33 0.26 0.00	47.88 0.38 0.00	56.13 0.24 0.00	61.13 -0.14 0.00	54.00 -0.06 0.00	57.36 -0.02 0.00	60.87 0.04 0.00	59.76 0.12 0.00	50.86 0.10 0.00	46.92 -0.02 0.00
WETHRSFD_WT_PWR 323626	49.52 -0.24 0.68	47.48 -0.83 0.58	48.03 -0.40 0.43	46.17 -0.26 0.51	52.09 -0.07 0.43	44.23 -0.17 0.19	49.33 -0.22 0.36	64.74 -0.90 0.66	66.26 -0.88 0.35	48.88 -0.33 0.12	43.09 0.18 0.00	42.65 0.60 0.00	37.33 0.16 0.00	42.49 0.49 0.00	42.02 0.08 0.13	47.71 0.46 0.24	55.50 -0.29 0.10	60.00 -1.25 0.01	53.07 -1.00 0.00	56.59 -0.78 0.01	59.64 -0.96 0.24	58.69 -0.59 0.36	50.03 -0.30 0.43	46.59 -0.19 0.16
WHAVSTOR_138KV_BK127 55557	52.45 2.01 0.00	50.81 1.92 0.00	50.66 1.79 0.00	48.59 1.66 0.00	54.35 1.77 0.00	46.17 1.57 0.00	51.43 1.53 0.00	68.45 2.15 0.00	69.61 2.13 0.00	51.13 1.80 0.00	44.66 1.76 0.00	43.91 1.86 0.00	38.81 1.64 0.00	43.85 1.85 0.00	43.96 1.89 0.00	49.40 1.90 0.00	57.79 1.90 0.00	62.93 1.68 0.00	55.62 1.56 0.00	58.88 1.51 0.00	62.48 1.64 0.00	61.47 1.83 0.00	52.29 1.53 0.00	48.04 1.10 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	52.45 2.01 0.00	50.81 1.92 0.00	50.66 1.79 0.00	48.59 1.66 0.00	54.35 1.77 0.00	46.17 1.57 0.00	51.43 1.53 0.00	68.45 2.15 0.00	69.61 2.13 0.00	51.13 1.80 0.00	44.66 1.76 0.00	43.91 1.86 0.00	38.81 1.64 0.00	43.85 1.85 0.00	43.96 1.89 0.00	49.40 1.90 0.00	57.79 1.90 0.00	62.93 1.68 0.00	55.62 1.56 0.00	58.88 1.51 0.00	62.48 1.64 0.00	61.47 1.83 0.00	52.29 1.53 0.00	48.04 1.10 0.00
WHITEHAL_115KV_TB1 80871	52.44 2.00 0.00	51.27 2.37 0.00	50.80 1.94 0.00	48.90 1.97 0.00	55.04 2.46 0.00	46.63 2.03 0.00	53.04 3.14 0.00	70.70 4.40 0.00	71.11 3.63 0.00	50.44 1.10 0.00	43.04 0.13 0.00	42.65 0.60 0.00	38.04 0.86 0.00	43.12 1.12 0.00	43.90 1.83 0.00	50.11 2.61 0.00	59.36 3.47 0.00	65.84 4.58 0.00	57.64 3.58 0.00	61.63 4.26 0.00	65.11 4.27 0.00	62.24 2.59 0.00	52.90 2.14 0.00	49.26 2.32 0.00
WHITEPLN_13_KV_LOAD 356215	52.95 2.51 0.00	51.29 2.40 0.00	51.11 2.24 0.00	49.01 2.08 0.00	54.83 2.25 0.00	46.56 1.97 0.00	51.89 1.98 0.00	69.11 2.81 0.00	70.32 2.84 0.00	51.68 2.35 0.00	45.15 2.25 0.00	44.37 2.32 0.00	39.18 2.01 0.00	44.27 2.26 0.00	44.43 2.35 0.00	49.91 2.42 0.00	58.41 2.52 0.00	63.65 2.39 0.00	56.23 2.17 0.00	59.53 2.16 0.00	63.14 2.30 0.00	62.10 2.46 0.00	52.81 2.05 0.00	48.50 1.55 0.00
WM_FLOYD_69_KV_BK2 356380	-36.24 0.94 87.63	8.97 1.11 41.04	22.97 0.92 26.82	9.44 0.71 38.20	-47.43 0.56 100.57	-12.09 0.46 57.14	11.56 0.19 38.53	11.90 0.50 54.90	11.92 0.48 56.04	13.51 0.54 36.37	30.18 1.23 13.96	31.11 1.21 12.15	37.86 1.04 0.35	31.37 1.14 11.77	41.90 1.25 1.42	45.86 0.94 2.58	44.50 0.74 12.13	62.16 0.90 0.00	28.05 0.44 26.46	29.65 0.39 28.11	42.86 0.43 18.41	45.70 0.68 14.63	47.01 0.49 4.23	44.08 0.02 2.89
WOODARD___115KV_TB2 355635	49.53 -0.92 0.00	47.95 -0.94 0.00	47.94 -0.93 0.00	46.07 -0.86 0.00	51.63 -0.95 0.00	43.84 -0.76 0.00	49.07 -0.84 0.00	65.14 -1.17 0.00	66.35 -1.13 0.00	48.50 -0.83 0.00	42.27 -0.64 0.00	41.51 -0.54 0.00	36.68 -0.50 0.00	41.41 -0.59 0.00	41.42 -0.66 0.00	46.77 -0.72 0.00	55.01 -0.88 0.00	60.28 -0.98 0.00	53.20 -0.87 0.00	56.45 -0.92 0.00	59.84 -1.00 0.00	58.63 -1.01 0.00	49.87 -0.89 0.00	46.06 -0.88 0.00
WOODMERE_69_KV_BK1 55827	52.83 2.38 0.00	51.24 2.35 0.00	51.02 2.15 0.00	48.87 1.94 0.00	54.58 2.00 0.00	46.12 1.65 0.13	51.71 1.38 -0.42	67.78 2.01 0.53	70.63 2.00 -1.15	51.42 1.77 -0.32	45.19 2.28 0.00	44.34 2.29 0.00	39.16 1.98 0.00	44.25 2.24 0.00	44.40 2.32 0.00	49.69 2.19 0.00	58.04 2.15 0.00	63.43 2.17 0.00	55.86 1.79 0.00	59.11 1.74 0.00	62.74 1.90 0.00	61.67 2.03 0.00	52.47 1.71 0.00	48.25 1.31 0.00
YORK___WARBASSE 23770	52.91 2.46 0.00	51.19 2.30 0.00	51.03 2.16 0.00	48.95 2.01 0.00	54.75 2.17 0.00	46.57 1.97 0.00	51.97 2.06 0.00	69.10 2.80 0.00	70.20 2.72 0.00	51.66 2.33 0.00	45.10 2.20 0.00	44.33 2.28 0.00	39.14 1.97 0.00	44.20 2.20 0.00	44.38 2.31 0.00	49.78 2.28 0.00	58.22 2.33 0.00	63.40 2.14 0.00	56.08 2.02 0.00	59.37 2.01 0.00	62.98 2.14 0.00	61.98 2.33 0.00	52.78 2.02 0.00	48.41 1.46 0.00