

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

## Generator Data

03/02/2025

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	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	51.34	43.79	36.40	37.07	38.61	48.29	47.35	43.26	31.55	12.25	11.40	13.79	3.14	8.53	28.88	36.84	58.23	92.40	116.52	86.11	78.44	89.71	86.74	97.62
24138	1.75	1.40	0.99	0.96	0.94	1.40	1.64	1.70	1.10	0.47	0.52	0.64	0.21	0.59	1.77	2.20	3.02	4.67	5.96	4.53	3.64	4.10	3.93	3.81
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	51.58	43.99	36.59	37.25	38.80	48.57	47.57	43.47	31.69	12.31	11.45	13.83	3.14	8.55	28.95	36.94	58.43	92.78	117.08	86.49	78.78	90.11	87.11	98.00
24260	1.99	1.60	1.19	1.14	1.13	1.68	1.87	1.90	1.24	0.53	0.57	0.68	0.22	0.61	1.84	2.29	3.22	5.05	6.53	4.92	3.98	4.49	4.28	4.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	51.58	43.99	36.59	37.25	38.80	48.57	47.57	43.47	31.69	12.31	11.45	13.83	3.14	8.55	28.95	36.94	58.43	92.78	117.08	86.49	78.78	90.11	87.11	98.00
24261	1.99	1.60	1.19	1.14	1.13	1.68	1.87	1.90	1.24	0.53	0.57	0.68	0.22	0.61	1.84	2.29	3.22	5.05	6.53	4.92	3.98	4.49	4.28	4.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	54.13	46.08	38.43	39.11	40.84	51.04	50.01	45.27	32.79	12.57	11.54	13.94	3.13	8.55	29.20	37.40	60.59	97.84	123.77	91.26	83.29	95.20	91.70	103.25
24011	4.54	3.69	3.02	3.00	3.18	4.14	4.30	3.70	2.33	0.80	0.67	0.78	0.21	0.61	2.09	2.76	5.38	10.11	13.21	9.69	8.48	9.58	8.88	9.44
	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
ADK RESOURCE___RCVRY	54.61	46.45	38.74	39.40	41.14	51.44	50.43	45.60	33.00	12.64	11.61	14.01	3.15	8.62	29.44	37.67	61.17	99.00	125.41	92.44	84.35	96.35	92.71	104.32
23798	5.02	4.06	3.33	3.29	3.48	4.55	4.72	4.03	2.54	0.86	0.73	0.86	0.22	0.67	2.32	3.02	5.96	11.27	14.86	10.87	9.55	10.74	9.89	10.51
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	54.13	46.08	38.43	39.11	40.84	51.04	50.01	45.27	32.79	12.57	11.54	13.94</												

ALBANY___2 23572	50.47 0.88 0.00	43.06 0.67 0.00	35.95 0.54 0.00	36.61 0.50 0.00	38.16 0.49 0.00	47.58 0.69 0.00	46.53 0.82 0.00	42.21 0.64 0.00	30.82 0.37 0.00	11.88 0.10 0.00	10.97 0.09 0.00	13.24 0.09 0.00	2.98 0.05 0.00	8.11 0.16 0.00	27.61 0.50 0.00	35.27 0.63 0.00	56.25 1.04 0.00	89.42 1.69 0.00	112.99 2.43 0.00	83.44 1.86 0.00	76.45 1.65 0.00	87.64 2.03 0.00	84.80 1.98 0.00	96.00 2.19 0.00
ALBANY___3 23573	50.47 0.88 0.00	43.06 0.67 0.00	35.95 0.54 0.00	36.61 0.50 0.00	38.16 0.49 0.00	47.58 0.69 0.00	46.53 0.82 0.00	42.21 0.64 0.00	30.82 0.37 0.00	11.88 0.10 0.00	10.97 0.09 0.00	13.24 0.09 0.00	2.98 0.05 0.00	8.11 0.16 0.00	27.61 0.50 0.00	35.27 0.63 0.00	56.25 1.04 0.00	89.42 1.69 0.00	112.99 2.43 0.00	83.44 1.86 0.00	76.45 1.65 0.00	87.64 2.03 0.00	84.80 1.98 0.00	96.00 2.19 0.00
ALBANY___4 23574	50.47 0.88 0.00	43.06 0.67 0.00	35.95 0.54 0.00	36.61 0.50 0.00	38.16 0.49 0.00	47.58 0.69 0.00	46.53 0.82 0.00	42.21 0.64 0.00	30.82 0.37 0.00	11.88 0.10 0.00	10.97 0.09 0.00	13.24 0.09 0.00	2.98 0.05 0.00	8.11 0.16 0.00	27.61 0.50 0.00	35.27 0.63 0.00	56.25 1.04 0.00	89.42 1.69 0.00	112.99 2.43 0.00	83.44 1.86 0.00	76.45 1.65 0.00	87.64 2.03 0.00	84.80 1.98 0.00	96.00 2.19 0.00
ALBANY___LFGE 323615	50.83 1.24 0.00	43.38 0.99 0.00	36.22 0.81 0.00	36.88 0.78 0.00	38.44 0.77 0.00	47.95 1.06 0.00	46.90 1.19 0.00	42.55 0.98 0.00	31.06 0.60 0.00	11.97 0.20 0.00	11.05 0.18 0.00	13.34 0.19 0.00	3.00 0.07 0.00	8.17 0.22 0.00	27.82 0.72 0.00	35.57 0.93 0.00	56.79 1.58 0.00	90.34 2.61 0.00	114.12 3.56 0.00	84.26 2.68 0.00	77.16 2.35 0.00	88.41 2.79 0.00	85.51 2.69 0.00	96.72 2.91 0.00
ALCOA_PA_115KV_PL-6C 55860	51.18 1.59 0.00	43.81 1.42 0.00	36.55 1.14 0.00	37.35 1.24 0.00	39.06 1.39 0.00	48.49 1.60 0.00	46.97 1.26 0.00	42.54 0.97 0.00	31.25 0.80 0.00	12.10 0.33 0.00	11.15 0.27 0.00	13.53 0.38 0.00	2.93 0.00 0.00	7.92 -0.03 0.00	27.22 0.11 0.00	34.77 0.12 0.00	55.68 0.47 0.00	88.45 0.72 0.00	111.18 0.62 0.00	81.77 0.20 0.00	75.45 0.64 0.00	86.36 0.74 0.00	83.47 0.65 0.00	95.11 1.30 0.00
ALCOA_RYNLDS___DRP 24188	51.18 1.59 0.00	43.81 1.42 0.00	36.55 1.14 0.00	37.35 1.24 0.00	39.06 1.39 0.00	48.49 1.60 0.00	46.97 1.26 0.00	42.54 0.97 0.00	31.25 0.80 0.00	12.10 0.33 0.00	11.15 0.27 0.00	13.53 0.38 0.00	2.93 0.00 0.00	7.92 -0.03 0.00	27.22 0.11 0.00	34.77 0.12 0.00	55.68 0.47 0.00	88.45 0.72 0.00	111.18 0.62 0.00	81.77 0.20 0.00	75.45 0.64 0.00	86.36 0.74 0.00	83.47 0.65 0.00	95.11 1.30 0.00
ALCOA___DSASP 323711	51.18 1.59 0.00	43.81 1.42 0.00	36.55 1.14 0.00	37.35 1.24 0.00	39.05 1.38 0.00	48.49 1.60 0.00	46.96 1.26 0.00	42.54 0.97 0.00	31.25 0.80 0.00	12.10 0.33 0.00	11.15 0.27 0.00	13.53 0.38 0.00	2.93 0.00 0.00	7.92 -0.03 0.00	27.22 0.11 0.00	34.77 0.12 0.00	55.68 0.47 0.00	88.45 0.72 0.00	111.18 0.62 0.00	81.77 0.20 0.00	75.44 0.64 0.00	86.36 0.74 0.00	83.47 0.65 0.00	95.10 1.30 0.00
ALLEGHENY___COGEN 23514	49.24 -0.35 0.00	42.22 -0.17 0.00	34.96 -0.45 0.00	35.82 -0.29 0.00	37.41 -0.26 0.00	46.64 -0.25 0.00	45.10 -0.61 0.00	41.36 -0.21 0.00	30.10 -0.36 0.00	11.57 -0.20 0.00	10.64 -0.24 0.00	12.83 -0.32 0.00	2.92 0.00 0.00	7.93 -0.01 0.00	26.79 -0.32 0.00	34.43 -0.22 0.00	55.09 -0.13 0.00	88.31 0.58 0.00	111.40 0.85 0.00	82.55 0.98 0.00	75.22 0.42 0.00	85.86 0.25 0.00	83.53 0.71 0.00	95.55 1.74 0.00
ALTAMONT_115KV_TB 2 55880	50.58 0.99 0.00	43.18 0.78 0.00	36.04 0.63 0.00	36.71 0.60 0.00	38.27 0.60 0.00	47.73 0.83 0.00	46.66 0.95 0.00	42.40 0.83 0.00	30.92 0.47 0.00	11.92 0.15 0.00	11.01 0.14 0.00	13.29 0.14 0.00	2.99 0.06 0.00	8.13 0.19 0.00	27.68 0.57 0.00	35.35 0.71 0.00	56.42 1.20 0.00	89.87 2.14 0.00	113.48 2.92 0.00	83.81 2.24 0.00	76.67 1.87 0.00	87.81 2.19 0.00	85.00 2.18 0.00	96.00 2.19 0.00
ALTONA_WT_PWR 323606	42.40 -1.12 6.08	41.90 -0.49 0.00	34.97 -0.44 0.00	35.79 -0.32 0.00	37.60 -0.06 0.00	46.58 -0.32 0.00	45.12 -0.59 0.00	40.86 -0.71 0.00	30.04 -0.42 0.00	11.70 -0.07 0.00	10.71 -0.17 0.00	12.98 -0.17 0.00	2.85 -0.08 0.00	7.67 -0.27 0.00	26.17 -0.94 0.00	33.40 -1.25 0.00	53.94 -1.27 0.00	85.76 -1.97 0.00	109.69 -0.87 0.00	79.63 -1.94 0.00	73.74 -1.07 0.00	84.13 -1.48 0.00	81.68 -1.14 0.00	93.23 -0.58 0.00
AMERICAN_REF_FUEL 24010	45.39 -4.20 0.00	38.94 -3.45 0.00	32.20 -3.21 0.00	33.11 -3.00 0.00	34.57 -3.09 0.00	42.82 -4.07 0.00	40.64 -5.07 0.00	37.19 -4.37 0.00	27.41 -3.04 0.00	10.78 -0.99 0.00	10.03 -0.84 0.00	12.18 -0.97 0.00	2.80 -0.12 0.00	7.57 -0.37 0.00	25.37 -1.74 0.00	31.98 -2.66 0.00	50.44 -4.77 0.00	79.66 -8.06 0.00	99.46 -11.10 0.00	73.53 -8.04 0.00	67.08 -7.72 0.00	76.61 -9.00 0.00	75.42 -7.40 0.00	87.01 -6.79 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	47.27 -2.32 0.00	40.40 -1.99 0.00	33.45 -1.96 0.00	34.59 -1.52 0.00	36.38 -1.28 0.00	45.47 -1.43 0.00	43.80 -1.91 0.00	40.08 -1.48 0.00	29.39 -1.06 0.00	11.48 -0.30 0.00	10.69 -0.19 0.00	12.97 -0.18 0.00	2.96 0.03 0.00	8.00 0.05 0.00	26.82 -0.29 0.00	33.95 -0.70 0.00	54.03 -1.18 0.00	85.52 -2.21 0.00	106.97 -3.58 0.00	79.27 -2.30 0.00	72.22 -2.58 0.00	82.91 -2.71 0.00	80.80 -2.02 0.00	92.77 -1.04 0.00
ARTHUR KILL_GT_1 23520	60.37 1.96 -8.82	60.19 1.53 -16.27	58.91 1.15 -22.35	58.92 1.02 -21.79	58.91 0.91 -20.33	61.42 1.49 -13.04	58.13 1.62 -10.79	58.11 1.69 -14.85	58.01 1.09 -26.46	54.63 0.53 -42.33	64.03 0.56 -52.59	60.21 0.64 -46.41	60.19 0.22 -57.04	60.20 0.63 -51.62	60.24 1.83 -31.30	60.27 2.20 -23.42	63.57 2.91 -5.45	92.26 4.53 0.00	115.41 5.91 1.06	147.81 4.71 -61.53	333.68 3.79 -255.09	265.91 4.30 -176.00	385.45 4.24 -298.39	385.28 4.17 -287.30
ARTHUR_KILL_2 23512	60.22 1.81 -8.82	60.07 1.40 -16.27	58.81 1.05 -22.35	58.81 0.91 -21.79	58.81 0.81 -20.33	61.28 1.35 -13.04	57.99 1.49 -10.79	57.99 1.57 -14.85	57.93 1.01 -26.46	54.60 0.50 -42.33	64.00 0.53 -52.59	60.18 0.61 -46.41	60.18 0.22 -57.04	60.18 0.61 -51.62	60.18 1.77 -31.30	60.19 2.12 -23.42	63.41 2.75 -5.45	91.99 4.27 0.00	115.05 5.55 1.06	147.52 4.42 -61.53	333.44 3.55 -255.09	265.64 4.03 -176.00	385.18 3.97 -298.39	384.99 3.88 -287.30
ARTHUR_KILL_3 23513	26.95 1.24 23.88	52.78 0.97 -9.42	58.42 0.65 -22.36	58.50 0.60 -21.79	58.57 0.57 -20.34	61.09 0.96 -13.24	57.76 1.21 -10.84	58.25 1.31 -15.37	57.98 0.79 -26.74	54.48 0.37 -42.33	69.10 0.41 -57.82	60.04 0.47 -46.41	60.15 0.18 -57.05	60.07 0.49 -51.63	59.01 1.43 -30.47	59.84 1.77 -23.43	63.02 2.36 -5.44	91.53 3.80 0.00	115.50 4.94 0.00	85.31 3.74 0.00	77.68 2.87 0.00	88.84 3.23 0.00	85.91 3.10 0.00	96.70 2.89 0.00

ARTHUR_KILL_COGEN 323718	60.37 1.96 -8.82	60.19 1.53 -16.27	58.91 1.15 -22.35	58.92 1.02 -21.79	58.91 0.91 -20.33	61.42 1.49 -13.04	58.13 1.62 -10.79	58.11 1.69 -14.85	58.01 1.09 -26.46	54.63 0.53 -42.33	64.03 0.56 -52.59	60.21 0.64 -46.41	60.19 0.22 -57.04	60.20 0.63 -51.62	60.24 1.83 -31.30	60.27 2.20 -23.42	63.57 2.91 -5.45	92.26 4.53 0.00	115.41 5.91 1.06	147.81 4.71 -61.53	333.68 3.79 -255.09	265.91 4.30 -176.00	385.45 4.24 -298.39	385.28 4.17 -287.30
ASHOKAN____ 23654	52.70 3.10 0.00	44.98 2.58 0.00	37.50 2.09 0.00	38.19 2.08 0.00	39.84 2.17 0.00	49.79 2.90 0.00	48.74 3.03 0.00	44.34 2.77 0.00	32.16 1.71 0.00	12.32 0.55 0.00	11.33 0.46 0.00	13.64 0.49 0.00	3.08 0.15 0.00	8.36 0.41 0.00	28.42 1.31 0.00	36.41 1.76 0.00	58.49 3.28 0.00	94.14 6.42 0.00	119.50 8.95 0.00	88.27 6.69 0.00	80.50 5.70 0.00	92.01 6.39 0.00	88.89 6.07 0.00	100.31 6.50 0.00
ASTORIA_EAST_ENERGY_CC1 323581	51.13 1.54 0.00	43.70 1.31 0.00	36.37 0.96 0.00	37.00 0.88 0.00	38.53 0.86 0.00	48.22 1.32 0.00	47.09 1.38 0.00	43.02 1.46 0.00	31.42 0.96 0.00	12.22 0.44 -0.01	11.33 0.44 -0.01	13.72 0.57 0.00	3.13 0.19 -0.01	8.50 0.55 -0.01	28.78 1.66 -0.01	36.72 2.07 0.00	57.81 2.59 0.00	91.88 4.16 0.00	116.00 5.44 0.00	85.75 4.18 0.00	78.12 3.31 0.00	89.33 3.72 0.00	86.35 3.53 0.00	97.06 3.26 0.00
ASTORIA_EAST_ENERGY_CC2 323582	51.13 1.54 0.00	43.70 1.31 0.00	36.36 0.96 0.00	37.00 0.88 0.00	38.53 0.86 0.00	48.22 1.32 0.00	47.09 1.38 0.00	43.02 1.46 0.00	31.42 0.96 0.00	12.22 0.44 -0.01	11.33 0.44 -0.01	13.72 0.57 0.00	3.13 0.19 -0.01	8.50 0.55 -0.01	28.79 1.67 -0.01	36.73 2.08 0.00	57.82 2.61 0.00	91.88 4.16 0.00	116.00 5.44 0.00	85.75 4.18 0.00	78.12 3.31 0.00	89.33 3.72 0.00	86.35 3.53 0.00	97.07 3.26 0.00
ASTORIA_GT2_1 24094	51.16 1.57 0.00	43.73 1.34 0.00	36.38 0.97 0.00	37.01 0.90 0.00	38.54 0.88 0.00	48.24 1.35 0.00	47.12 1.41 0.00	43.05 1.48 0.00	31.44 0.99 0.00	12.22 0.45 -0.01	11.33 0.45 -0.01	13.73 0.57 0.00	3.13 0.19 -0.01	8.50 0.55 -0.01	28.78 1.66 -0.01	36.73 2.07 0.00	57.84 2.62 0.00	91.92 4.19 0.00	116.07 5.51 0.00	85.79 4.22 0.00	78.15 3.35 0.00	89.41 3.79 0.00	86.39 3.58 0.00	97.12 3.31 0.00
ASTORIA_GT2_2 24095	51.16 1.57 0.00	43.73 1.34 0.00	36.38 0.97 0.00	37.01 0.90 0.00	38.54 0.88 0.00	48.24 1.35 0.00	47.12 1.41 0.00	43.05 1.48 0.00	31.44 0.99 0.00	12.22 0.45 -0.01	11.33 0.45 -0.01	13.73 0.57 0.00	3.13 0.19 -0.01	8.50 0.55 -0.01	28.78 1.66 -0.01	36.73 2.07 0.00	57.84 2.62 0.00	91.92 4.19 0.00	116.07 5.51 0.00	85.79 4.22 0.00	78.15 3.35 0.00	89.41 3.79 0.00	86.39 3.58 0.00	97.12 3.31 0.00
ASTORIA_GT2_3 24096	51.16 1.57 0.00	43.73 1.34 0.00	36.38 0.97 0.00	37.01 0.90 0.00	38.54 0.88 0.00	48.24 1.35 0.00	47.12 1.41 0.00	43.05 1.48 0.00	31.44 0.99 0.00	12.22 0.45 -0.01	11.33 0.45 -0.01	13.73 0.57 0.00	3.13 0.19 -0.01	8.50 0.55 -0.01	28.78 1.66 -0.01	36.73 2.07 0.00	57.84 2.62 0.00	91.92 4.19 0.00	116.07 5.51 0.00	85.79 4.22 0.00	78.15 3.35 0.00	89.41 3.79 0.00	86.39 3.58 0.00	97.12 3.31 0.00
ASTORIA_GT2_4 24097	51.16 1.57 0.00	43.73 1.34 0.00	36.38 0.97 0.00	37.01 0.90 0.00	38.54 0.88 0.00	48.24 1.35 0.00	47.12 1.41 0.00	43.05 1.48 0.00	31.44 0.99 0.00	12.22 0.45 -0.01	11.33 0.45 -0.01	13.73 0.57 0.00	3.13 0.19 -0.01	8.50 0.55 -0.01	28.78 1.66 -0.01	36.73 2.07 0.00	57.84 2.62 0.00	91.92 4.19 0.00	116.07 5.51 0.00	85.79 4.22 0.00	78.15 3.35 0.00	89.41 3.79 0.00	86.39 3.58 0.00	97.12 3.31 0.00
ASTORIA_GT3_1 24098	51.16 1.57 0.00	43.73 1.34 0.00	36.38 0.97 0.00	37.01 0.90 0.00	38.54 0.88 0.00	48.24 1.35 0.00	47.12 1.41 0.00	43.05 1.48 0.00	31.44 0.99 0.00	12.22 0.45 -0.01	11.33 0.45 -0.01	13.73 0.57 0.00	3.13 0.19 -0.01	8.50 0.55 -0.01	28.78 1.66 -0.01	36.73 2.07 0.00	57.84 2.62 0.00	91.92 4.19 0.00	116.07 5.51 0.00	85.79 4.22 0.00	78.15 3.35 0.00	89.41 3.79 0.00	86.39 3.58 0.00	97.12 3.31 0.00
ASTORIA_GT3_2 24099	51.16 1.57 0.00	43.73 1.34 0.00	36.38 0.97 0.00	37.01 0.90 0.00	38.54 0.88 0.00	48.24 1.35 0.00	47.12 1.41 0.00	43.05 1.48 0.00	31.44 0.99 0.00	12.22 0.45 -0.01	11.33 0.45 -0.01	13.73 0.57 0.00	3.13 0.19 -0.01	8.50 0.55 -0.01	28.78 1.66 -0.01	36.73 2.07 0.00	57.84 2.62 0.00	91.92 4.19 0.00	116.07 5.51 0.00	85.79 4.22 0.00	78.15 3.35 0.00	89.41 3.79 0.00	86.39 3.58 0.00	97.12 3.31 0.00
ASTORIA_GT3_3 24100	51.16 1.57 0.00	43.73 1.34 0.00	36.38 0.97 0.00	37.01 0.90 0.00	38.54 0.88 0.00	48.24 1.35 0.00	47.12 1.41 0.00	43.05 1.48 0.00	31.44 0.99 0.00	12.22 0.45 -0.01	11.33 0.45 -0.01	13.73 0.57 0.00	3.13 0.19 -0.01	8.50 0.55 -0.01	28.78 1.66 -0.01	36.73 2.07 0.00	57.84 2.62 0.00	91.92 4.19 0.00	116.07 5.51 0.00	85.79 4.22 0.00	78.15 3.35 0.00	89.41 3.79 0.00	86.39 3.58 0.00	97.12 3.31 0.00
ASTORIA_GT3_4 24101	51.16 1.57 0.00	43.73 1.34 0.00	36.38 0.97 0.00	37.01 0.90 0.00	38.54 0.88 0.00	48.24 1.35 0.00	47.12 1.41 0.00	43.05 1.48 0.00	31.44 0.99 0.00	12.22 0.45 -0.01	11.33 0.45 -0.01	13.73 0.57 0.00	3.13 0.19 -0.01	8.50 0.55 -0.01	28.78 1.66 -0.01	36.73 2.07 0.00	57.84 2.62 0.00	91.92 4.19 0.00	116.07 5.51 0.00	85.79 4.22 0.00	78.15 3.35 0.00	89.41 3.79 0.00	86.39 3.58 0.00	97.12 3.31 0.00
ASTORIA_GT4_1 24102	51.16 1.57 0.00	43.73 1.34 0.00	36.38 0.97 0.00	37.01 0.90 0.00	38.54 0.88 0.00	48.24 1.35 0.00	47.12 1.41 0.00	43.05 1.48 0.00	31.44 0.99 0.00	12.22 0.45 -0.01	11.33 0.45 -0.01	13.73 0.57 0.00	3.13 0.19 -0.01	8.50 0.55 -0.01	28.78 1.66 -0.01	36.73 2.07 0.00	57.84 2.62 0.00	91.92 4.19 0.00	116.07 5.51 0.00	85.79 4.22 0.00	78.15 3.35 0.00	89.41 3.79 0.00	86.39 3.58 0.00	97.12 3.31 0.00
ASTORIA_GT4_2 24103	51.16 1.57 0.00	43.73 1.34 0.00	36.38 0.97 0.00	37.01 0.90 0.00	38.54 0.88 0.00	48.24 1.35 0.00	47.12 1.41 0.00	43.05 1.48 0.00	31.44 0.99 0.00	12.22 0.45 -0.01	11.33 0.45 -0.01	13.73 0.57 0.00	3.13 0.19 -0.01	8.50 0.55 -0.01	28.78 1.66 -0.01	36.73 2.07 0.00	57.84 2.62 0.00	91.92 4.19 0.00	116.07 5.51 0.00	85.79 4.22 0.00	78.15 3.35 0.00	89.41 3.79 0.00	86.39 3.58 0.00	97.12 3.31 0.00
ASTORIA_GT4_3 24104	51.16 1.57 0.00	43.73 1.34 0.00	36.38 0.97 0.00	37.01 0.90 0.00	38.54 0.88 0.00	48.24 1.35 0.00	47.12 1.41 0.00	43.05 1.48 0.00	31.44 0.99 0.00	12.22 0.45 -0.01	11.33 0.45 -0.01	13.73 0.57 0.00	3.13 0.19 -0.01	8.50 0.55 -0.01	28.78 1.66 -0.01	36.73 2.07 0.00	57.84 2.62 0.00	91.92 4.19 0.00	116.07 5.51 0.00	85.79 4.22 0.00	78.15 3.35 0.00	89.41 3.79 0.00	86.39 3.58 0.00	97.12 3.31 0.00

ASTORIA_GT4_4 24105	51.16 1.57 0.00	43.73 1.34 0.00	36.38 0.97 0.00	37.01 0.90 0.00	38.54 0.88 0.00	48.24 1.35 0.00	47.12 1.41 0.00	43.05 1.48 0.00	31.44 0.99 0.00	12.22 0.45 -0.01	11.33 0.45 -0.01	13.73 0.57 0.00	3.13 0.19 -0.01	8.50 0.55 -0.01	28.78 1.66 -0.01	36.73 2.07 0.00	57.84 2.62 0.00	91.92 4.19 0.00	116.07 5.51 0.00	85.79 4.22 0.00	78.15 3.35 0.00	89.41 3.79 0.00	86.39 3.58 0.00	97.12 3.31 0.00
ASTORIA_GT_1 23523	51.25 1.66 0.00	43.81 1.41 0.00	36.44 1.04 0.00	37.09 0.97 0.00	38.61 0.94 0.00	48.32 1.43 0.00	47.20 1.49 0.00	43.13 1.56 0.00	31.50 1.04 0.00	12.25 0.47 -0.01	11.35 0.47 -0.01	13.75 0.59 0.00	3.14 0.20 -0.01	8.52 0.57 -0.01	28.84 1.73 -0.01	36.80 2.15 0.00	57.94 2.72 0.00	92.11 4.39 0.00	116.29 5.73 0.00	85.97 4.40 0.00	78.32 3.52 0.00	89.57 3.96 0.00	86.56 3.74 0.00	97.31 3.50 0.00
ASTORIA_GT_10 24110	51.27 1.68 0.00	43.77 1.38 0.00	36.44 1.03 0.00	37.08 0.97 0.00	38.61 0.94 0.00	48.31 1.42 0.00	47.29 1.58 0.00	43.20 1.63 0.00	31.53 1.07 0.00	12.26 0.48 -0.01	11.85 0.54 -0.44	13.79 0.63 0.00	3.14 0.21 -0.01	8.53 0.58 -0.01	28.87 1.75 -0.01	36.82 2.17 0.00	58.11 2.90 0.00	92.25 4.53 0.00	116.74 5.84 -0.35	86.07 4.50 0.00	78.38 3.57 0.00	89.68 4.07 0.00	86.69 3.87 0.00	97.62 3.81 0.00
ASTORIA_GT_11 24225	51.27 1.68 0.00	43.77 1.38 0.00	36.44 1.03 0.00	37.08 0.97 0.00	38.61 0.94 0.00	48.31 1.42 0.00	47.29 1.58 0.00	43.20 1.63 0.00	31.53 1.07 0.00	12.26 0.48 -0.01	11.85 0.54 -0.44	13.79 0.63 0.00	3.14 0.21 -0.01	8.53 0.58 -0.01	28.87 1.75 -0.01	36.82 2.17 0.00	58.11 2.90 0.00	92.25 4.53 0.00	116.74 5.84 -0.35	86.07 4.50 0.00	78.38 3.57 0.00	89.68 4.07 0.00	86.69 3.87 0.00	97.62 3.81 0.00
ASTORIA_GT_12 24226	51.27 1.68 0.00	43.77 1.38 0.00	36.44 1.03 0.00	37.08 0.97 0.00	38.61 0.94 0.00	48.31 1.42 0.00	47.29 1.58 0.00	43.20 1.63 0.00	31.53 1.07 0.00	12.26 0.48 -0.01	11.85 0.54 -0.44	13.79 0.63 0.00	3.14 0.21 -0.01	8.53 0.58 -0.01	28.87 1.75 -0.01	36.82 2.17 0.00	58.11 2.90 0.00	92.25 4.53 0.00	116.74 5.84 -0.35	86.07 4.50 0.00	78.38 3.57 0.00	89.68 4.07 0.00	86.69 3.87 0.00	97.62 3.81 0.00
ASTORIA_GT_13 24227	51.27 1.68 0.00	43.77 1.38 0.00	36.44 1.03 0.00	37.08 0.97 0.00	38.61 0.94 0.00	48.31 1.42 0.00	47.29 1.58 0.00	43.20 1.63 0.00	31.53 1.07 0.00	12.26 0.48 -0.01	11.85 0.54 -0.44	13.79 0.63 0.00	3.14 0.21 -0.01	8.53 0.58 -0.01	28.87 1.75 -0.01	36.82 2.17 0.00	58.11 2.90 0.00	92.25 4.53 0.00	116.74 5.84 -0.35	86.07 4.50 0.00	78.38 3.57 0.00	89.68 4.07 0.00	86.69 3.87 0.00	97.62 3.81 0.00
ASTORIA_GT_5 24106	51.25 1.66 0.00	43.81 1.41 0.00	36.45 1.04 0.00	37.08 0.97 0.00	38.61 0.95 0.00	48.32 1.43 0.00	47.20 1.49 0.00	43.13 1.56 0.00	31.50 1.04 0.00	12.25 0.47 -0.01	11.35 0.47 -0.01	13.75 0.60 0.00	3.14 0.20 -0.01	8.52 0.57 -0.01	28.83 1.72 -0.01	36.79 2.14 0.00	57.95 2.73 0.00	92.11 4.38 0.00	116.29 5.74 0.00	85.98 4.40 0.00	78.31 3.51 0.00	89.58 3.97 0.00	86.56 3.74 0.00	97.31 3.50 0.00
ASTORIA_GT_7 24107	51.25 1.66 0.00	43.81 1.41 0.00	36.45 1.04 0.00	37.08 0.97 0.00	38.61 0.95 0.00	48.32 1.43 0.00	47.20 1.49 0.00	43.13 1.56 0.00	31.50 1.04 0.00	12.25 0.47 -0.01	11.35 0.47 -0.01	13.75 0.60 0.00	3.14 0.20 -0.01	8.52 0.57 -0.01	28.83 1.72 -0.01	36.79 2.14 0.00	57.95 2.73 0.00	92.11 4.38 0.00	116.29 5.74 0.00	85.98 4.40 0.00	78.31 3.51 0.00	89.58 3.97 0.00	86.56 3.74 0.00	97.31 3.50 0.00
ASTORIA_GT_8 24108	51.25 1.66 0.00	43.81 1.41 0.00	36.45 1.04 0.00	37.08 0.97 0.00	38.61 0.95 0.00	48.32 1.43 0.00	47.20 1.49 0.00	43.13 1.56 0.00	31.50 1.04 0.00	12.25 0.47 -0.01	11.35 0.47 -0.01	13.75 0.60 0.00	3.14 0.20 -0.01	8.52 0.57 -0.01	28.83 1.72 -0.01	36.79 2.14 0.00	57.95 2.73 0.00	92.11 4.38 0.00	116.29 5.74 0.00	85.98 4.40 0.00	78.31 3.51 0.00	89.58 3.97 0.00	86.56 3.74 0.00	97.31 3.50 0.00
ASTORIA___2 24149	51.17 1.58 0.00	43.73 1.34 0.00	36.38 0.97 0.00	37.02 0.90 0.00	38.54 0.87 0.00	48.24 1.35 0.00	47.12 1.41 0.00	43.05 1.48 0.00	31.44 0.99 0.00	12.23 0.45 -0.01	11.33 0.45 -0.01	13.73 0.57 0.00	3.13 0.19 -0.01	8.50 0.55 -0.01	28.79 1.67 -0.01	36.73 2.08 0.00	57.83 2.61 0.00	91.92 4.20 0.00	116.06 5.51 0.00	85.79 4.21 0.00	78.15 3.35 0.00	89.40 3.79 0.00	86.39 3.57 0.00	97.12 3.31 0.00
ASTORIA___3 23516	51.27 1.68 0.00	43.77 1.38 0.00	36.44 1.03 0.00	37.08 0.97 0.00	38.61 0.94 0.00	48.31 1.42 0.00	47.29 1.58 0.00	43.21 1.64 0.00	31.53 1.07 0.00	12.26 0.48 -0.01	11.85 0.54 -0.44	13.79 0.63 0.00	3.14 0.21 -0.01	8.53 0.58 -0.01	28.87 1.76 -0.01	36.83 2.18 0.00	58.11 2.89 0.00	92.25 4.53 0.00	116.74 5.84 -0.35	86.07 4.50 0.00	78.38 3.57 0.00	89.67 4.06 0.00	86.69 3.87 0.00	97.62 3.81 0.00
ASTORIA___4 23517	51.27 1.68 0.00	43.77 1.38 0.00	36.44 1.03 0.00	37.08 0.97 0.00	38.61 0.94 0.00	48.31 1.42 0.00	47.29 1.58 0.00	43.20 1.63 0.00	31.53 1.07 0.00	12.26 0.48 -0.01	11.85 0.54 -0.44	13.79 0.63 0.00	3.14 0.21 -0.01	8.53 0.58 -0.01	28.87 1.75 -0.01	36.82 2.17 0.00	58.11 2.90 0.00	92.25 4.53 0.00	116.74 5.84 -0.35	86.07 4.50 0.00	78.38 3.57 0.00	89.68 4.07 0.00	86.69 3.87 0.00	97.62 3.81 0.00
ASTORIA___5 23518	51.27 1.68 0.00	43.77 1.38 0.00	36.44 1.03 0.00	37.08 0.97 0.00	38.61 0.94 0.00	48.31 1.42 0.00	47.29 1.58 0.00	43.21 1.64 0.00	31.53 1.07 0.00	12.26 0.48 -0.01	11.85 0.54 -0.44	13.79 0.63 0.00	3.14 0.21 -0.01	8.53 0.58 -0.01	28.87 1.76 -0.01	36.83 2.18 0.00	58.11 2.89 0.00	92.25 4.53 0.00	116.74 5.84 -0.35	86.07 4.50 0.00	78.38 3.57 0.00	89.67 4.06 0.00	86.69 3.87 0.00	97.62 3.81 0.00
AST_ENERGY_2_CC3 323677	51.04 1.45 0.00	43.55 1.16 0.00	36.21 0.80 0.00	36.86 0.74 0.00	38.38 0.72 0.00	48.04 1.15 0.00	47.08 1.38 0.00	43.02 1.45 0.00	31.36 0.91 0.00	12.18 0.40 0.00	11.35 0.47 0.00	13.71 0.56 0.00	3.12 0.19 0.00	8.48 0.54 0.00	28.71 1.60 0.00	36.63 1.98 0.00	57.92 2.70 0.00	91.91 4.19 0.00	115.90 5.34 0.00	85.66 4.09 0.00	78.03 3.23 0.00	89.25 3.64 0.00	86.27 3.46 0.00	97.09 3.28 0.00
AST_ENERGY_2_CC4 323678	51.04 1.45 0.00	43.55 1.16 0.00	36.21 0.80 0.00	36.86 0.74 0.00	38.38 0.72 0.00	48.04 1.15 0.00	47.08 1.38 0.00	43.02 1.45 0.00	31.36 0.91 0.00	12.18 0.40 0.00	11.35 0.47 0.00	13.71 0.56 0.00	3.12 0.19 0.00	8.48 0.54 0.00	28.71 1.60 0.00	36.63 1.98 0.00	57.92 2.70 0.00	91.91 4.19 0.00	115.90 5.34 0.00	85.66 4.09 0.00	78.03 3.23 0.00	89.25 3.64 0.00	86.27 3.46 0.00	97.09 3.28 0.00

ATHENS_STG_1 23668	50.65 1.06 0.00	43.21 0.82 0.00	36.03 0.62 0.00	36.70 0.59 0.00	38.25 0.58 0.00	47.77 0.88 0.00	46.74 1.03 0.00	42.54 0.97 0.00	31.03 0.58 0.00	11.99 0.21 0.00	11.09 0.21 0.00	13.39 0.23 0.00	3.02 0.09 0.00	8.22 0.28 0.00	27.92 0.81 0.00	35.63 0.98 0.00	56.65 1.44 0.00	90.14 2.41 0.00	113.75 3.19 0.00	84.06 2.49 0.00	76.79 1.98 0.00	87.95 2.34 0.00	85.17 2.35 0.00	96.01 2.20 0.00
ATHENS_STG_2 23670	50.65 1.06 0.00	43.21 0.82 0.00	36.03 0.62 0.00	36.70 0.59 0.00	38.25 0.58 0.00	47.77 0.88 0.00	46.74 1.03 0.00	42.54 0.97 0.00	31.03 0.58 0.00	11.99 0.21 0.00	11.09 0.21 0.00	13.39 0.23 0.00	3.02 0.09 0.00	8.22 0.28 0.00	27.92 0.81 0.00	35.63 0.98 0.00	56.65 1.44 0.00	90.14 2.41 0.00	113.75 3.19 0.00	84.06 2.49 0.00	76.79 1.98 0.00	87.95 2.34 0.00	85.17 2.35 0.00	96.01 2.20 0.00
ATHENS_STG_3 23677	50.65 1.06 0.00	43.21 0.82 0.00	36.03 0.62 0.00	36.70 0.59 0.00	38.25 0.58 0.00	47.77 0.88 0.00	46.74 1.03 0.00	42.54 0.97 0.00	31.03 0.58 0.00	11.99 0.21 0.00	11.09 0.21 0.00	13.39 0.23 0.00	3.02 0.09 0.00	8.22 0.28 0.00	27.92 0.81 0.00	35.63 0.98 0.00	56.65 1.44 0.00	90.14 2.41 0.00	113.75 3.19 0.00	84.06 2.49 0.00	76.79 1.98 0.00	87.95 2.34 0.00	85.17 2.35 0.00	96.01 2.20 0.00
AUBURN___LFGE 323710	49.32 -0.28 0.00	42.11 -0.28 0.00	35.18 -0.22 0.00	35.81 -0.30 0.00	37.46 -0.20 0.00	46.65 -0.24 0.00	45.45 -0.26 0.00	41.46 -0.11 0.00	30.43 -0.02 0.00	11.75 -0.02 0.00	10.86 -0.02 0.00	13.12 -0.04 0.00	2.95 0.02 0.00	7.98 0.04 0.00	27.16 0.04 0.00	34.55 -0.10 0.00	55.32 0.11 0.00	87.93 0.21 0.00	110.64 0.08 0.00	81.68 0.11 0.00	74.82 0.02 0.00	85.55 -0.06 0.00	82.83 0.02 0.00	93.51 -0.30 0.00
BABYLON_RES_REC 323704	51.80 2.21 0.00	44.32 1.92 0.00	36.89 1.48 0.00	37.50 1.39 0.00	39.05 1.38 0.00	48.97 2.08 0.00	48.01 2.30 0.00	43.82 2.25 0.00	31.88 1.43 0.00	12.32 0.54 0.00	11.38 0.50 0.00	13.71 0.56 0.00	3.11 0.19 0.00	8.50 0.55 0.00	28.83 1.73 0.00	36.96 2.31 0.00	58.70 3.49 0.00	126.97 6.07 -33.17	118.00 7.44 0.00	87.00 5.42 0.00	79.45 4.65 0.00	90.79 5.18 0.00	87.59 4.77 0.00	98.72 4.91 0.00
BABYLON__69_KV_BK2 356345	52.35 2.75 0.00	44.79 2.39 0.00	37.28 1.87 0.00	37.90 1.78 0.00	39.47 1.80 0.00	49.50 2.61 0.00	48.55 2.85 0.00	44.31 2.74 0.00	32.23 1.77 0.00	12.44 0.67 0.00	11.49 0.62 0.00	13.84 0.68 0.00	3.14 0.21 0.00	8.57 0.63 0.00	29.12 2.01 0.00	37.34 2.69 0.00	59.40 4.18 0.00	128.16 7.27 -33.17	119.39 8.84 0.00	88.01 6.44 0.00	80.40 5.60 0.00	91.86 6.24 0.00	88.59 5.77 0.00	99.80 5.99 0.00
BALL_HILL_WT_PWR 323825	46.96 -2.63 0.00	40.22 -2.17 0.00	33.26 -2.15 0.00	34.27 -1.84 0.00	35.86 -1.81 0.00	44.66 -2.24 0.00	42.87 -2.84 0.00	39.19 -2.38 0.00	28.75 -1.70 0.00	11.24 -0.54 0.00	10.47 -0.40 0.00	12.73 -0.42 0.00	2.91 -0.01 0.00	7.89 -0.06 0.00	26.44 -0.67 0.00	33.45 -1.20 0.00	53.04 -2.18 0.00	83.81 -3.92 0.00	104.80 -5.75 0.00	77.60 -3.97 0.00	70.70 -4.10 0.00	81.07 -4.55 0.00	79.26 -3.56 0.00	91.11 -2.69 0.00
BARON_WINDS___WT_PWR 323822	46.66 -2.93 0.00	40.15 -2.24 0.00	33.14 -2.27 0.00	33.91 -2.21 0.00	35.38 -2.28 0.00	44.34 -2.56 0.00	43.05 -2.66 0.00	39.36 -2.21 0.00	28.66 -1.80 0.00	11.10 -0.68 0.00	10.30 -0.57 0.00	12.53 -0.63 0.00	2.86 -0.07 0.00	7.75 -0.20 0.00	25.97 -1.14 0.00	33.07 -1.58 0.00	52.88 -2.33 0.00	84.02 -3.71 0.00	105.28 -5.28 0.00	78.01 -3.56 0.00	70.92 -3.88 0.00	81.37 -4.25 0.00	79.44 -3.38 0.00	91.23 -2.58 0.00
BARRETT_IC_1 23704	51.29 1.70 0.00	43.87 1.48 0.00	36.55 1.14 0.00	37.16 1.06 0.00	38.66 1.00 0.00	48.47 1.58 0.00	47.47 1.76 0.00	43.26 1.70 0.00	31.52 1.06 0.00	12.23 0.46 0.00	11.34 0.47 0.00	13.72 0.57 0.00	3.11 0.19 0.00	8.49 0.55 0.00	28.79 1.68 0.00	36.82 2.16 -0.01	58.30 3.08 0.00	125.93 5.03 -33.17	116.76 6.21 0.00	86.05 4.47 0.00	78.53 3.72 0.00	89.73 4.11 0.00	86.62 3.80 0.00	97.57 3.76 0.00
BARRETT_IC_10 23701	51.29 1.70 0.00	43.87 1.48 0.00	36.55 1.14 0.00	37.16 1.06 0.00	38.66 1.00 0.00	48.47 1.58 0.00	47.47 1.76 0.00	43.26 1.70 0.00	31.52 1.06 0.00	12.23 0.46 0.00	11.34 0.47 0.00	13.72 0.57 0.00	3.11 0.19 0.00	8.49 0.55 0.00	28.79 1.68 0.00	36.82 2.16 -0.01	58.30 3.08 0.00	125.93 5.03 -33.17	116.76 6.21 0.00	86.05 4.47 0.00	78.53 3.72 0.00	89.73 4.11 0.00	86.62 3.80 0.00	97.57 3.76 0.00
BARRETT_IC_11 23702	51.29 1.70 0.00	43.87 1.48 0.00	36.55 1.14 0.00	37.16 1.06 0.00	38.66 1.00 0.00	48.47 1.58 0.00	47.47 1.76 0.00	43.26 1.70 0.00	31.52 1.06 0.00	12.23 0.46 0.00	11.34 0.47 0.00	13.72 0.57 0.00	3.11 0.19 0.00	8.49 0.55 0.00	28.79 1.68 0.00	36.82 2.16 -0.01	58.30 3.08 0.00	125.93 5.03 -33.17	116.76 6.21 0.00	86.05 4.47 0.00	78.53 3.72 0.00	89.73 4.11 0.00	86.62 3.80 0.00	97.57 3.76 0.00
BARRETT_IC_12 23703	51.29 1.70 0.00	43.87 1.48 0.00	36.55 1.14 0.00	37.16 1.06 0.00	38.66 1.00 0.00	48.47 1.58 0.00	47.47 1.76 0.00	43.26 1.70 0.00	31.52 1.06 0.00	12.23 0.46 0.00	11.34 0.47 0.00	13.72 0.57 0.00	3.11 0.19 0.00	8.49 0.55 0.00	28.79 1.68 0.00	36.82 2.16 -0.01	58.30 3.08 0.00	125.93 5.03 -33.17	116.76 6.21 0.00	86.05 4.47 0.00	78.53 3.72 0.00	89.73 4.11 0.00	86.62 3.80 0.00	97.57 3.76 0.00
BARRETT_IC_2 23705	51.29 1.70 0.00	43.87 1.48 0.00	36.55 1.14 0.00	37.16 1.06 0.00	38.66 1.00 0.00	48.47 1.58 0.00	47.47 1.76 0.00	43.26 1.70 0.00	31.52 1.06 0.00	12.23 0.46 0.00	11.34 0.47 0.00	13.72 0.57 0.00	3.11 0.19 0.00	8.49 0.55 0.00	28.79 1.68 0.00	36.82 2.16 -0.01	58.30 3.08 0.00	125.93 5.03 -33.17	116.76 6.21 0.00	86.05 4.47 0.00	78.53 3.72 0.00	89.73 4.11 0.00	86.62 3.80 0.00	97.57 3.76 0.00
BARRETT_IC_3 23706	51.29 1.70 0.00	43.87 1.48 0.00	36.55 1.14 0.00	37.16 1.06 0.00	38.66 1.00 0.00	48.47 1.58 0.00	47.47 1.76 0.00	43.26 1.70 0.00	31.52 1.06 0.00	12.23 0.46 0.00	11.34 0.47 0.00	13.72 0.57 0.00	3.11 0.19 0.00	8.49 0.55 0.00	28.79 1.68 0.00	36.82 2.16 -0.01	58.30 3.08 0.00	125.93 5.03 -33.17	116.76 6.21 0.00	86.05 4.47 0.00	78.53 3.72 0.00	89.73 4.11 0.00	86.62 3.80 0.00	97.57 3.76 0.00
BARRETT_IC_4 23707	51.29 1.70 0.00	43.87 1.48 0.00	36.55 1.14 0.00	37.16 1.06 0.00	38.66 1.00 0.00	48.47 1.58 0.00	47.47 1.76 0.00	43.26 1.70 0.00	31.52 1.06 0.00	12.23 0.46 0.00	11.34 0.47 0.00	13.72 0.57 0.00	3.11 0.19 0.00	8.49 0.55 0.00	28.79 1.68 0.00	36.82 2.16 -0.01	58.30 3.08 0.00	125.93 5.03 -33.17	116.76 6.21 0.00	86.05 4.47 0.00	78.53 3.72 0.00	89.73 4.11 0.00	86.62 3.80 0.00	97.57 3.76 0.00

BARRETT_IC_5 23708	51.29 1.70 0.00	43.87 1.48 0.00	36.55 1.14 0.00	37.16 1.06 0.00	38.66 1.00 0.00	48.47 1.58 0.00	47.47 1.76 0.00	43.26 1.70 0.00	31.52 1.06 0.00	12.23 0.46 0.00	11.34 0.47 0.00	13.72 0.57 0.00	3.11 0.19 0.00	8.49 0.55 0.00	28.79 1.68 0.00	36.82 2.16 -0.01	58.30 3.08 0.00	125.93 5.03 -33.17	116.76 6.21 0.00	86.05 4.47 0.00	78.53 3.72 0.00	89.73 4.11 0.00	86.62 3.80 0.00	97.57 3.76 0.00
BARRETT_IC_6 23709	51.29 1.70 0.00	43.87 1.48 0.00	36.55 1.14 0.00	37.16 1.06 0.00	38.66 1.00 0.00	48.47 1.58 0.00	47.47 1.76 0.00	43.26 1.70 0.00	31.52 1.06 0.00	12.23 0.46 0.00	11.34 0.47 0.00	13.72 0.57 0.00	3.11 0.19 0.00	8.49 0.55 0.00	28.79 1.68 0.00	36.82 2.16 -0.01	58.30 3.08 0.00	125.93 5.03 -33.17	116.76 6.21 0.00	86.05 4.47 0.00	78.53 3.72 0.00	89.73 4.11 0.00	86.62 3.80 0.00	97.57 3.76 0.00
BARRETT_IC_7 23710	51.29 1.70 0.00	43.87 1.48 0.00	36.55 1.14 0.00	37.17 1.06 0.00	38.66 1.00 0.00	48.47 1.58 0.00	47.47 1.76 0.00	43.26 1.70 0.00	31.52 1.06 0.00	12.23 0.46 0.00	11.34 0.47 0.00	13.72 0.56 0.00	3.11 0.19 0.00	8.49 0.55 0.00	28.79 1.68 0.00	36.82 2.16 -0.01	58.30 3.09 0.00	125.92 5.02 -33.17	116.76 6.21 0.00	86.04 4.47 0.00	78.53 3.72 0.00	89.73 4.11 0.00	86.62 3.80 0.00	97.57 3.76 0.00
BARRETT_IC_8 23711	51.29 1.70 0.00	43.87 1.48 0.00	36.55 1.14 0.00	37.16 1.06 0.00	38.66 1.00 0.00	48.47 1.58 0.00	47.47 1.76 0.00	43.26 1.70 0.00	31.52 1.06 0.00	12.23 0.46 0.00	11.34 0.47 0.00	13.72 0.57 0.00	3.11 0.19 0.00	8.49 0.55 0.00	28.79 1.68 0.00	36.82 2.16 -0.01	58.30 3.08 0.00	125.93 5.03 -33.17	116.76 6.21 0.00	86.05 4.47 0.00	78.53 3.72 0.00	89.73 4.11 0.00	86.62 3.80 0.00	97.57 3.76 0.00
BARRETT_IC_9 23700	51.29 1.70 0.00	43.87 1.48 0.00	36.55 1.14 0.00	37.16 1.06 0.00	38.66 1.00 0.00	48.47 1.58 0.00	47.47 1.76 0.00	43.26 1.70 0.00	31.52 1.06 0.00	12.23 0.46 0.00	11.34 0.47 0.00	13.72 0.57 0.00	3.11 0.19 0.00	8.49 0.55 0.00	28.79 1.68 0.00	36.82 2.16 -0.01	58.30 3.08 0.00	125.93 5.03 -33.17	116.76 6.21 0.00	86.05 4.47 0.00	78.53 3.72 0.00	89.73 4.11 0.00	86.62 3.80 0.00	97.57 3.76 0.00
BARRETT___1 23545	51.29 1.70 0.00	43.87 1.48 0.00	36.55 1.14 0.00	37.16 1.06 0.00	38.66 1.00 0.00	48.47 1.58 0.00	47.47 1.76 0.00	43.26 1.70 0.00	31.52 1.06 0.00	12.23 0.46 0.00	11.34 0.47 0.00	13.72 0.57 0.00	3.11 0.19 0.00	8.49 0.55 0.00	28.79 1.68 0.00	36.82 2.16 -0.01	58.30 3.08 0.00	125.93 5.03 -33.17	116.76 6.21 0.00	86.05 4.47 0.00	78.53 3.72 0.00	89.73 4.11 0.00	86.62 3.80 0.00	97.57 3.76 0.00
BARRETT___2 23546	51.29 1.70 0.00	43.87 1.48 0.00	36.55 1.14 0.00	37.16 1.06 0.00	38.66 1.00 0.00	48.47 1.58 0.00	47.47 1.76 0.00	43.26 1.70 0.00	31.52 1.06 0.00	12.23 0.46 0.00	11.34 0.47 0.00	13.72 0.57 0.00	3.11 0.19 0.00	8.49 0.55 0.00	28.79 1.68 0.00	36.82 2.16 -0.01	58.30 3.08 0.00	125.93 5.03 -33.17	116.76 6.21 0.00	86.05 4.47 0.00	78.53 3.72 0.00	89.73 4.11 0.00	86.62 3.80 0.00	97.57 3.76 0.00
BATAVIA__115KV_TB1 55881	47.79 -1.80 0.00	40.95 -1.44 0.00	33.90 -1.51 0.00	34.80 -1.32 0.00	36.32 -1.35 0.00	45.05 -1.84 0.00	43.08 -2.63 0.00	39.40 -2.16 0.00	28.96 -1.49 0.00	11.32 -0.46 0.00	10.47 -0.40 0.00	12.64 -0.52 0.00	2.89 -0.04 0.00	7.84 -0.11 0.00	26.45 -0.66 0.00	33.59 -1.06 0.00	53.29 -1.93 0.00	84.73 -3.00 0.00	106.12 -4.44 0.00	78.41 -3.17 0.00	71.41 -3.39 0.00	81.45 -4.16 0.00	79.68 -3.14 0.00	91.37 -2.44 0.00
BAYONEEC___CTG1 323682	51.12 1.53 0.00	43.62 1.22 0.00	36.27 0.86 0.00	36.92 0.81 0.00	38.45 0.79 0.00	48.13 1.23 0.00	47.16 1.45 0.00	43.09 1.53 0.00	31.42 0.97 0.00	12.20 0.42 0.00	11.35 0.47 0.00	13.71 0.55 0.00	3.12 0.19 0.00	8.48 0.54 0.00	28.70 1.59 0.00	36.62 1.98 0.00	57.90 2.68 0.00	91.91 4.18 0.00	115.91 5.35 0.00	85.66 4.09 0.00	78.02 3.22 0.00	89.24 3.62 0.00	86.29 3.47 0.00	97.12 3.32 0.00
BAYONEEC___CTG10 323750	51.12 1.53 0.00	43.62 1.22 0.00	36.27 0.86 0.00	36.92 0.81 0.00	38.45 0.79 0.00	48.13 1.23 0.00	47.16 1.45 0.00	43.09 1.53 0.00	31.42 0.97 0.00	12.20 0.42 0.00	11.35 0.47 0.00	13.71 0.55 0.00	3.12 0.19 0.00	8.48 0.54 0.00	28.70 1.59 0.00	36.62 1.98 0.00	57.90 2.68 0.00	91.91 4.18 0.00	115.91 5.35 0.00	85.66 4.09 0.00	78.02 3.22 0.00	89.24 3.62 0.00	86.29 3.47 0.00	97.12 3.32 0.00
BAYONEEC___CTG2 323683	51.12 1.53 0.00	43.62 1.22 0.00	36.27 0.86 0.00	36.92 0.81 0.00	38.45 0.79 0.00	48.13 1.23 0.00	47.16 1.45 0.00	43.09 1.53 0.00	31.42 0.97 0.00	12.20 0.42 0.00	11.35 0.47 0.00	13.71 0.55 0.00	3.12 0.19 0.00	8.48 0.54 0.00	28.70 1.59 0.00	36.62 1.98 0.00	57.90 2.68 0.00	91.91 4.18 0.00	115.91 5.35 0.00	85.66 4.09 0.00	78.02 3.22 0.00	89.24 3.62 0.00	86.29 3.47 0.00	97.12 3.32 0.00
BAYONEEC___CTG3 323684	51.12 1.53 0.00	43.62 1.22 0.00	36.27 0.86 0.00	36.92 0.81 0.00	38.45 0.79 0.00	48.13 1.23 0.00	47.16 1.45 0.00	43.09 1.53 0.00	31.42 0.97 0.00	12.20 0.42 0.00	11.35 0.47 0.00	13.71 0.55 0.00	3.12 0.19 0.00	8.48 0.54 0.00	28.70 1.59 0.00	36.62 1.98 0.00	57.90 2.68 0.00	91.91 4.18 0.00	115.91 5.35 0.00	85.66 4.09 0.00	78.02 3.22 0.00	89.24 3.62 0.00	86.29 3.47 0.00	97.12 3.32 0.00
BAYONEEC___CTG4 323685	51.12 1.53 0.00	43.62 1.22 0.00	36.27 0.86 0.00	36.92 0.81 0.00	38.45 0.79 0.00	48.13 1.23 0.00	47.16 1.45 0.00	43.09 1.53 0.00	31.42 0.97 0.00	12.20 0.42 0.00	11.35 0.47 0.00	13.71 0.55 0.00	3.12 0.19 0.00	8.48 0.54 0.00	28.70 1.59 0.00	36.62 1.98 0.00	57.90 2.68 0.00	91.91 4.18 0.00	115.91 5.35 0.00	85.66 4.09 0.00	78.02 3.22 0.00	89.24 3.62 0.00	86.29 3.47 0.00	97.12 3.32 0.00
BAYONEEC___CTG5 323686	51.12 1.53 0.00	43.62 1.22 0.00	36.27 0.86 0.00	36.92 0.81 0.00	38.45 0.79 0.00	48.13 1.23 0.00	47.16 1.45 0.00	43.09 1.53 0.00	31.42 0.97 0.00	12.20 0.42 0.00	11.35 0.47 0.00	13.71 0.55 0.00	3.12 0.19 0.00	8.48 0.54 0.00	28.70 1.59 0.00	36.62 1.98 0.00	57.90 2.68 0.00	91.91 4.18 0.00	115.91 5.35 0.00	85.66 4.09 0.00	78.02 3.22 0.00	89.24 3.62 0.00	86.29 3.47 0.00	97.12 3.32 0.00
BAYONEEC___CTG6 323687	51.12 1.53 0.00	43.62 1.22 0.00	36.27 0.86 0.00	36.92 0.81 0.00	38.45 0.79 0.00	48.13 1.23 0.00	47.16 1.45 0.00	43.09 1.53 0.00	31.42 0.97 0.00	12.20 0.42 0.00	11.35 0.47 0.00	13.71 0.55 0.00	3.12 0.19 0.00	8.48 0.54 0.00	28.70 1.59 0.00	36.62 1.98 0.00	57.90 2.68 0.00	91.91 4.18 0.00	115.91 5.35 0.00	85.66 4.09 0.00	78.02 3.22 0.00	89.24 3.62 0.00	86.29 3.47 0.00	97.12 3.32 0.00

BAYONEEC___CTG7 323688	51.12 1.53 0.00	43.62 1.22 0.00	36.27 0.86 0.00	36.92 0.81 0.00	38.45 0.79 0.00	48.13 1.23 0.00	47.16 1.45 0.00	43.09 1.53 0.00	31.42 0.97 0.00	12.20 0.42 0.00	11.35 0.47 0.00	13.71 0.55 0.00	3.12 0.19 0.00	8.48 0.54 0.00	28.70 1.59 0.00	36.62 1.98 0.00	57.90 2.68 0.00	91.91 4.18 0.00	115.91 5.35 0.00	85.66 4.09 0.00	78.02 3.22 0.00	89.24 3.62 0.00	86.29 3.47 0.00	97.12 3.32 0.00
BAYONEEC___CTG8 323689	51.12 1.53 0.00	43.62 1.22 0.00	36.27 0.86 0.00	36.92 0.81 0.00	38.45 0.79 0.00	48.13 1.23 0.00	47.16 1.45 0.00	43.09 1.53 0.00	31.42 0.97 0.00	12.20 0.42 0.00	11.35 0.47 0.00	13.71 0.55 0.00	3.12 0.19 0.00	8.48 0.54 0.00	28.70 1.59 0.00	36.62 1.98 0.00	57.90 2.68 0.00	91.91 4.18 0.00	115.91 5.35 0.00	85.66 4.09 0.00	78.02 3.22 0.00	89.24 3.62 0.00	86.29 3.47 0.00	97.12 3.32 0.00
BAYONEEC___CTG9 323749	51.12 1.53 0.00	43.62 1.22 0.00	36.27 0.86 0.00	36.92 0.81 0.00	38.45 0.79 0.00	48.13 1.23 0.00	47.16 1.45 0.00	43.09 1.53 0.00	31.42 0.97 0.00	12.20 0.42 0.00	11.35 0.47 0.00	13.71 0.55 0.00	3.12 0.19 0.00	8.48 0.54 0.00	28.70 1.59 0.00	36.62 1.98 0.00	57.90 2.68 0.00	91.91 4.18 0.00	115.91 5.35 0.00	85.66 4.09 0.00	78.02 3.22 0.00	89.24 3.62 0.00	86.29 3.47 0.00	97.12 3.32 0.00
BEACON___LESR 323632	51.20 1.61 0.00	43.69 1.30 0.00	36.39 0.98 0.00	37.23 1.12 0.00	38.69 1.02 0.00	48.25 1.36 0.00	47.19 1.48 0.00	42.76 1.19 0.00	31.22 0.76 0.00	12.02 0.25 0.00	11.10 0.22 0.00	13.41 0.25 0.00	3.01 0.08 0.00	8.20 0.26 0.00	27.97 0.85 0.00	35.79 1.14 0.00	57.27 2.05 0.00	91.16 3.44 0.00	115.19 4.63 0.00	84.90 3.32 0.00	77.81 3.01 0.00	89.19 3.58 0.00	86.10 3.28 0.00	97.49 3.68 0.00
BEAVER RIVER___HYD 24048	51.14 1.55 0.00	44.00 1.61 0.00	36.85 1.44 0.00	37.63 1.52 0.00	39.37 1.70 0.00	48.86 1.97 0.00	47.74 2.03 0.00	43.45 1.88 0.00	31.38 0.93 0.00	12.01 0.24 0.00	11.03 0.16 0.00	13.32 0.17 0.00	2.92 0.00 0.00	7.87 -0.07 0.00	26.93 -0.18 0.00	34.37 -0.27 0.00	55.86 0.65 0.00	91.68 3.96 0.00	116.82 6.26 0.00	85.64 4.07 0.00	77.57 2.77 0.00	89.27 3.65 0.00	86.18 3.36 0.00	97.44 3.63 0.00
BEEBEE_GT_13 23619	47.55 -2.04 0.00	40.70 -1.69 0.00	33.84 -1.57 0.00	34.67 -1.44 0.00	36.19 -1.48 0.00	44.93 -1.96 0.00	43.32 -2.39 0.00	39.57 -2.00 0.00	29.13 -1.32 0.00	11.35 -0.42 0.00	10.54 -0.33 0.00	12.77 -0.38 0.00	2.90 -0.03 0.00	7.86 -0.09 0.00	26.59 -0.52 0.00	33.76 -0.89 0.00	53.48 -1.73 0.00	84.85 -2.88 0.00	106.48 -4.08 0.00	78.62 -2.95 0.00	71.74 -3.06 0.00	81.93 -3.69 0.00	79.72 -3.09 0.00	90.98 -2.83 0.00
BENSHRST_27_KV_BENSHRST_1 355998	60.69 2.27 -8.82	60.52 1.86 -16.27	59.20 1.44 -22.35	59.26 1.36 -21.79	60.43 1.32 -21.45	61.85 1.92 -13.04	58.55 2.05 -10.79	58.49 2.07 -14.85	58.31 1.39 -26.46	54.73 0.63 -42.33	68.96 0.67 -57.41	60.36 0.79 -46.41	60.21 0.25 -57.04	60.27 0.70 -51.62	60.51 2.10 -31.30	62.69 2.59 -25.45	69.61 3.59 -10.80	93.29 5.56 0.00	132.95 7.18 -15.22	148.64 5.54 -61.53	334.47 4.57 -255.09	266.79 5.18 -176.00	386.17 4.97 -298.39	386.09 4.99 -287.30
BETHLEHEM___GRP 23843	50.47 0.88 0.00	43.06 0.67 0.00	35.95 0.54 0.00	36.61 0.50 0.00	38.16 0.49 0.00	47.58 0.69 0.00	46.53 0.82 0.00	42.21 0.64 0.00	30.82 0.37 0.00	11.88 0.10 0.00	10.97 0.09 0.00	13.24 0.09 0.00	2.98 0.05 0.00	8.11 0.16 0.00	27.61 0.50 0.00	35.27 0.63 0.00	56.25 1.04 0.00	89.42 1.69 0.00	112.99 2.43 0.00	83.44 1.86 0.00	76.45 1.65 0.00	87.64 2.03 0.00	84.80 1.98 0.00	96.00 2.19 0.00
BETHLEHEM___GS1 323560	50.47 0.88 0.00	43.06 0.67 0.00	35.95 0.54 0.00	36.62 0.50 0.00	38.16 0.49 0.00	47.59 0.69 0.00	46.53 0.82 0.00	42.21 0.64 0.00	30.82 0.37 0.00	11.88 0.10 0.00	10.97 0.09 0.00	13.24 0.09 0.00	2.98 0.05 0.00	8.11 0.16 0.00	27.61 0.50 0.00	35.27 0.63 0.00	56.25 1.04 0.00	89.42 1.69 0.00	112.99 2.43 0.00	83.44 1.86 0.00	76.45 1.65 0.00	87.64 2.02 0.00	84.80 1.98 0.00	96.00 2.19 0.00
BETHLEHEM___GS2 323561	50.47 0.88 0.00	43.06 0.67 0.00	35.95 0.54 0.00	36.62 0.50 0.00	38.16 0.49 0.00	47.59 0.69 0.00	46.53 0.82 0.00	42.21 0.64 0.00	30.82 0.37 0.00	11.88 0.10 0.00	10.97 0.09 0.00	13.24 0.09 0.00	2.98 0.05 0.00	8.11 0.16 0.00	27.61 0.50 0.00	35.27 0.63 0.00	56.25 1.04 0.00	89.42 1.69 0.00	112.99 2.43 0.00	83.44 1.86 0.00	76.45 1.65 0.00	87.64 2.02 0.00	84.80 1.98 0.00	96.00 2.19 0.00
BETHLEHEM___GS3 323562	50.47 0.88 0.00	43.06 0.67 0.00	35.95 0.54 0.00	36.62 0.50 0.00	38.16 0.49 0.00	47.59 0.69 0.00	46.53 0.82 0.00	42.21 0.64 0.00	30.82 0.37 0.00	11.88 0.10 0.00	10.97 0.09 0.00	13.24 0.09 0.00	2.98 0.05 0.00	8.11 0.16 0.00	27.61 0.50 0.00	35.27 0.63 0.00	56.25 1.04 0.00	89.42 1.69 0.00	112.99 2.43 0.00	83.44 1.86 0.00	76.45 1.65 0.00	87.64 2.02 0.00	84.80 1.98 0.00	96.00 2.19 0.00
BETHLEHEM___STEEL 23779	47.01 -2.59 0.00	40.29 -2.10 0.00	33.29 -2.12 0.00	34.25 -1.86 0.00	35.77 -1.90 0.00	44.46 -2.43 0.00	42.54 -3.17 0.00	38.89 -2.68 0.00	28.60 -1.86 0.00	11.20 -0.57 0.00	10.44 -0.43 0.00	12.68 -0.47 0.00	2.91 -0.02 0.00	7.87 -0.07 0.00	26.41 -0.71 0.00	33.38 -1.27 0.00	52.78 -2.43 0.00	83.41 -4.32 0.00	104.28 -6.27 0.00	77.11 -4.46 0.00	70.32 -4.48 0.00	80.44 -5.18 0.00	78.82 -4.00 0.00	90.70 -3.11 0.00
BETHLHEM_115KV_TB1 79974	50.47 0.88 0.00	43.09 0.70 0.00	35.96 0.55 0.00	36.63 0.52 0.00	38.17 0.51 0.00	47.62 0.72 0.00	46.55 0.84 0.00	42.24 0.67 0.00	30.84 0.39 0.00	11.89 0.11 0.00	10.98 0.10 0.00	13.26 0.10 0.00	2.98 0.06 0.00	8.11 0.17 0.00	27.63 0.52 0.00	35.30 0.65 0.00	56.28 1.07 0.00	89.50 1.77 0.00	113.09 2.53 0.00	83.51 1.94 0.00	76.47 1.67 0.00	87.66 2.05 0.00	84.84 2.02 0.00	95.97 2.16 0.00
BETHPAGE_CC_5 323564	51.42 1.83 0.00	44.00 1.61 0.00	36.63 1.23 0.00	37.24 1.13 0.00	38.77 1.11 0.00	48.57 1.68 0.00	47.61 1.90 0.00	43.47 1.91 0.00	31.69 1.24 0.00	12.26 0.49 0.00	11.35 0.47 0.00	13.68 0.53 0.00	3.11 0.18 0.00	8.47 0.53 0.00	28.75 1.64 0.00	36.80 2.15 0.00	58.31 3.09 0.00	126.13 5.23 -33.17	116.95 6.39 0.00	86.25 4.68 0.00	78.74 3.94 0.00	89.97 4.36 0.00	86.84 4.02 0.00	97.95 4.14 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	47.26 -2.33 0.00	40.51 -1.88 0.00	33.46 -1.95 0.00	34.41 -1.70 0.00	35.96 -1.71 0.00	44.70 -2.20 0.00	42.80 -2.91 0.00	39.12 -2.44 0.00	28.77 -1.68 0.00	11.26 -0.51 0.00	10.50 -0.37 0.00	12.76 -0.40 0.00	2.93 0.00 0.00	7.91 -0.03 0.00	26.55 -0.56 0.00	33.57 -1.08 0.00	53.08 -2.13 0.00	83.91 -3.82 0.00	104.89 -5.67 0.00	77.59 -3.98 0.00	70.74 -4.06 0.00	80.92 -4.70 0.00	79.28 -3.54 0.00	91.21 -2.60 0.00

BINGHAMTON___COGEN 23790	49.02 -0.57 0.00	41.96 -0.43 0.00	34.93 -0.48 0.00	35.69 -0.41 0.00	37.20 -0.46 0.00	46.36 -0.54 0.00	45.14 -0.56 0.00	41.15 -0.41 0.00	30.06 -0.40 0.00	11.63 -0.15 0.00	10.78 -0.10 0.00	13.05 -0.10 0.00	2.95 0.02 0.00	8.01 0.06 0.00	27.07 -0.04 0.00	34.57 -0.08 0.00	55.10 -0.11 0.00	87.40 -0.32 0.00	110.07 -0.49 0.00	81.36 -0.21 0.00	74.24 -0.57 0.00	85.11 -0.51 0.00	82.51 -0.31 0.00	93.57 -0.24 0.00
BIXINCNT_115KV_LOAD 355685	47.51 -2.09 0.00	40.89 -1.50 0.00	33.78 -1.63 0.00	34.51 -1.60 0.00	36.18 -1.48 0.00	45.37 -1.53 0.00	43.78 -1.93 0.00	40.05 -1.51 0.00	29.45 -1.01 0.00	11.46 -0.31 0.00	10.69 -0.19 0.00	13.01 -0.14 0.00	2.96 0.04 0.00	8.02 0.08 0.00	26.86 -0.25 0.00	33.87 -0.78 0.00	53.44 -1.78 0.00	85.04 -2.69 0.00	106.47 -4.08 0.00	78.83 -2.74 0.00	71.90 -2.90 0.00	82.38 -3.24 0.00	80.79 -2.03 0.00	93.10 -0.71 0.00
BLACK RIVER___HYD 24047	51.61 2.02 0.00	44.38 1.99 0.00	37.14 1.74 0.00	37.97 1.86 0.00	39.74 2.07 0.00	49.37 2.48 0.00	48.30 2.60 0.00	43.90 2.34 0.00	31.50 1.05 0.00	12.02 0.24 0.00	10.99 0.12 0.00	13.25 0.09 0.00	2.92 -0.01 0.00	7.85 -0.09 0.00	26.83 -0.28 0.00	34.25 -0.40 0.00	55.99 0.77 0.00	93.08 5.35 0.00	119.10 8.55 0.00	87.21 5.64 0.00	78.74 3.94 0.00	90.61 5.00 0.00	87.29 4.47 0.00	98.49 4.68 0.00
BLACKRVR_115KV_TB2 79977	51.61 2.02 0.00	44.38 1.99 0.00	37.14 1.73 0.00	37.96 1.85 0.00	39.74 2.07 0.00	49.37 2.48 0.00	48.30 2.60 0.00	43.90 2.34 0.00	31.50 1.05 0.00	12.02 0.24 0.00	10.99 0.12 0.00	13.25 0.09 0.00	2.92 -0.01 0.00	7.85 -0.09 0.00	26.83 -0.28 0.00	34.25 -0.40 0.00	55.99 0.77 0.00	93.08 5.35 0.00	119.10 8.55 0.00	87.22 5.64 0.00	78.75 3.95 0.00	90.61 5.00 0.00	87.29 4.47 0.00	98.49 4.68 0.00
BLISS_WT_PWR 323608	47.30 -2.29 0.00	40.74 -1.65 0.00	33.63 -1.78 0.00	34.31 -1.80 0.00	36.03 -1.63 0.00	45.28 -1.61 0.00	43.77 -1.93 0.00	40.06 -1.50 0.00	29.47 -0.99 0.00	11.45 -0.32 0.00	10.69 -0.19 0.00	13.01 -0.14 0.00	2.96 0.03 0.00	8.00 0.06 0.00	26.77 -0.34 0.00	33.74 -0.91 0.00	53.23 -1.98 0.00	84.93 -2.80 0.00	106.36 -4.20 0.00	78.81 -2.76 0.00	71.88 -2.92 0.00	82.33 -3.28 0.00	80.74 -2.08 0.00	93.12 -0.68 0.00
BLUESTONE___WT_PWR 323821	48.11 -1.48 0.00	41.19 -1.20 0.00	34.31 -1.10 0.00	35.58 -0.53 0.00	37.02 -0.64 0.00	46.20 -0.70 0.00	45.25 -0.46 0.00	41.57 0.00 0.00	30.07 -0.38 0.00	11.52 -0.25 0.00	10.59 -0.28 0.00	12.83 -0.33 0.00	2.91 -0.02 0.00	7.81 -0.13 0.00	26.40 -0.71 0.00	33.71 -0.94 0.00	55.38 0.16 0.00	90.20 2.47 0.00	114.91 4.35 0.00	85.33 3.75 0.00	77.62 2.82 0.00	88.35 2.73 0.00	86.16 3.34 0.00	95.58 1.77 0.00
BLUE_CIRC_CHEM_DRP 24182	50.85 1.26 0.00	43.41 1.02 0.00	36.24 0.83 0.00	36.92 0.81 0.00	38.47 0.80 0.00	47.96 1.06 0.00	46.86 1.15 0.00	42.46 0.89 0.00	30.87 0.42 0.00	11.87 0.10 0.00	10.97 0.09 0.00	13.24 0.09 0.00	2.98 0.05 0.00	8.10 0.16 0.00	27.59 0.48 0.00	35.27 0.63 0.00	56.53 1.31 0.00	90.12 2.39 0.00	113.78 3.22 0.00	84.03 2.45 0.00	76.92 2.12 0.00	88.14 2.53 0.00	85.35 2.53 0.00	96.55 2.74 0.00
BOC_GAS_DRP 24189	50.38 0.79 0.00	43.00 0.61 0.00	35.90 0.49 0.00	36.57 0.45 0.00	38.10 0.44 0.00	47.54 0.64 0.00	46.47 0.76 0.00	42.24 0.67 0.00	30.83 0.38 0.00	11.90 0.12 0.00	10.99 0.12 0.00	13.28 0.12 0.00	2.99 0.06 0.00	8.13 0.18 0.00	27.65 0.53 0.00	35.29 0.64 0.00	56.23 1.01 0.00	89.42 1.70 0.00	112.88 2.32 0.00	83.36 1.79 0.00	76.27 1.47 0.00	87.38 1.77 0.00	84.62 1.80 0.00	95.59 1.78 0.00
BOONVILLE_115KV_TB1 79983	50.86 1.27 0.00	43.60 1.21 0.00	36.48 1.07 0.00	37.23 1.12 0.00	38.89 1.22 0.00	48.39 1.50 0.00	47.33 1.62 0.00	43.09 1.52 0.00	31.36 0.91 0.00	12.05 0.28 0.00	11.12 0.24 0.00	13.42 0.27 0.00	2.98 0.05 0.00	8.06 0.11 0.00	27.46 0.35 0.00	35.14 0.49 0.00	56.61 1.40 0.00	91.42 3.69 0.00	115.81 5.25 0.00	85.22 3.65 0.00	77.52 2.72 0.00	88.90 3.28 0.00	85.88 3.07 0.00	97.05 3.24 0.00
BORALEX_4TH_BRANCH 23824	51.65 2.06 0.00	43.95 1.56 0.00	36.66 1.25 0.00	37.30 1.19 0.00	38.94 1.28 0.00	48.65 1.75 0.00	47.74 2.03 0.00	43.27 1.70 0.00	31.45 1.00 0.00	12.06 0.29 0.00	11.09 0.22 0.00	13.36 0.20 0.00	3.00 0.07 0.00	8.20 0.25 0.00	28.03 0.93 0.00	35.80 1.15 0.00	57.50 2.28 0.00	92.19 4.46 0.00	116.55 5.99 0.00	86.14 4.57 0.00	78.71 3.91 0.00	89.98 4.36 0.00	86.95 4.13 0.00	98.13 4.32 0.00
BOWLINE___1 23526	50.66 1.07 0.00	43.25 0.86 0.00	36.01 0.60 0.00	36.64 0.53 0.00	38.17 0.51 0.00	47.78 0.88 0.00	46.82 1.11 0.00	42.72 1.15 0.00	31.10 0.65 0.00	12.04 0.26 0.00	11.16 0.28 0.00	13.47 0.32 0.00	3.06 0.13 0.00	8.33 0.38 0.00	28.21 1.10 0.00	35.96 1.31 0.00	56.95 1.74 0.00	90.66 2.94 0.00	114.45 3.89 0.00	84.47 2.89 0.00	76.97 2.17 0.00	88.10 2.48 0.00	85.19 2.37 0.00	95.90 2.09 0.00
BOWLINE___2 23595	50.70 1.11 0.00	43.27 0.88 0.00	36.04 0.63 0.00	36.67 0.56 0.00	38.20 0.54 0.00	47.80 0.91 0.00	46.85 1.14 0.00	42.76 1.19 0.00	31.13 0.67 0.00	12.05 0.28 0.00	11.17 0.29 0.00	13.48 0.33 0.00	3.06 0.13 0.00	8.33 0.39 0.00	28.23 1.12 0.00	35.99 1.34 0.00	56.98 1.76 0.00	90.68 2.95 0.00	114.45 3.89 0.00	84.50 2.93 0.00	76.98 2.18 0.00	88.12 2.50 0.00	85.19 2.38 0.00	95.91 2.11 0.00
BRADY___115KV_TB2 356060	51.98 2.39 0.00	44.49 2.10 0.00	37.11 1.70 0.00	37.93 1.82 0.00	39.66 2.00 0.00	49.23 2.33 0.00	47.64 1.93 0.00	43.09 1.52 0.00	31.49 1.03 0.00	12.15 0.38 0.00	11.19 0.32 0.00	13.58 0.42 0.00	2.94 0.01 0.00	7.92 -0.02 0.00	27.25 0.14 0.00	34.80 0.15 0.00	55.88 0.67 0.00	89.40 1.68 0.00	112.83 2.27 0.00	82.98 1.40 0.00	76.53 1.73 0.00	87.62 2.01 0.00	84.65 1.83 0.00	96.51 2.70 0.00
BRANSCOMB___SOLAR 323811	52.63 3.04 0.00	44.84 2.45 0.00	37.42 2.01 0.00	38.10 1.99 0.00	39.76 2.10 0.00	49.66 2.77 0.00	48.65 2.95 0.00	44.08 2.51 0.00	31.93 1.48 0.00	12.24 0.47 0.00	11.26 0.38 0.00	13.58 0.43 0.00	3.06 0.13 0.00	8.32 0.38 0.00	28.41 1.30 0.00	36.38 1.74 0.00	58.77 3.55 0.00	94.57 6.85 0.00	119.57 9.01 0.00	88.19 6.62 0.00	80.57 5.77 0.00	92.15 6.53 0.00	88.89 6.07 0.00	100.21 6.40 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	52.17 2.57 0.00	44.63 2.24 0.00	37.20 1.79 0.00	37.79 1.68 0.00	39.33 1.66 0.00	49.36 2.46 0.00	48.43 2.72 0.00	44.21 2.64 0.00	32.16 1.71 0.00	12.41 0.63 0.00	11.44 0.57 0.00	13.78 0.63 0.00	3.13 0.20 0.00	8.55 0.60 0.00	29.04 1.93 0.00	37.21 2.56 0.00	59.17 3.96 0.00	127.70 6.81 -33.17	118.68 8.13 0.00	87.48 5.91 0.00	79.98 5.18 0.00	91.37 5.75 0.00	88.14 5.32 0.00	99.38 5.57 0.00



BRISTLHL_115KV_TB1 79998	49.29 -0.31 0.00	42.14 -0.25 0.00	35.23 -0.18 0.00	35.97 -0.14 0.00	37.51 -0.16 0.00	46.63 -0.26 0.00	45.45 -0.25 0.00	41.45 -0.11 0.00	30.40 -0.06 0.00	11.75 -0.03 0.00	10.87 -0.01 0.00	13.13 -0.02 0.00	2.95 0.02 0.00	8.00 0.06 0.00	27.18 0.07 0.00	34.67 0.02 0.00	55.32 0.10 0.00	88.38 0.66 0.00	111.58 1.02 0.00	82.23 0.66 0.00	74.97 0.17 0.00	85.71 0.10 0.00	82.86 0.04 0.00	93.82 0.01 0.00
BROOKHAVEN___DRP 24191	51.90 2.31 0.00	44.40 2.01 0.00	37.00 1.59 0.00	37.59 1.48 0.00	39.14 1.48 0.00	49.15 2.26 0.00	48.22 2.51 0.00	44.00 2.43 0.00	31.95 1.50 0.00	12.31 0.54 0.00	11.36 0.48 0.00	13.68 0.53 0.00	3.10 0.18 0.00	8.48 0.54 0.00	28.82 1.71 0.00	36.98 2.33 0.00	58.89 3.68 0.00	127.52 6.63 -33.17	117.85 7.29 0.00	86.86 5.28 0.00	79.54 4.75 0.00	90.85 5.23 0.00	87.56 4.74 0.00	98.65 4.84 0.00
BROOKLYN_NAVY_YARD 23515	51.03 1.44 0.00	43.50 1.11 0.00	36.16 0.75 0.00	36.81 0.70 0.00	38.32 0.65 0.00	47.96 1.07 0.00	47.10 1.39 0.00	43.05 1.49 0.00	31.39 0.94 0.00	12.19 0.41 0.00	11.36 0.49 0.00	13.70 0.54 0.00	3.12 0.19 0.00	8.47 0.53 0.00	28.70 1.59 0.00	36.61 1.96 0.00	57.88 2.67 0.00	91.83 4.10 0.00	115.82 5.26 0.00	85.61 4.04 0.00	77.98 3.18 0.00	89.19 3.57 0.00	86.24 3.42 0.00	97.06 3.25 0.00
BROOKLYN___ARMY_DRP 323595	60.42 2.00 -8.82	60.31 1.65 -16.27	59.03 1.26 -22.35	59.09 1.19 -21.79	60.24 1.13 -21.45	61.63 1.69 -13.04	58.32 1.82 -10.79	58.28 1.86 -14.85	58.15 1.24 -26.46	54.67 0.57 -42.33	68.90 0.62 -57.41	60.28 0.71 -46.41	60.19 0.23 -57.04	60.22 0.65 -51.62	60.35 1.94 -31.30	62.48 2.39 -25.45	69.27 3.25 -10.80	92.73 5.01 0.00	119.04 6.46 -2.03	148.12 5.01 -61.53	333.97 4.08 -255.09	266.22 4.62 -176.00	385.67 4.46 -298.39	385.53 4.43 -287.30
BROOKVLE_69_KV_TB1 55790	51.91 2.32 0.00	44.37 1.98 0.00	36.93 1.52 0.00	37.55 1.44 0.00	39.12 1.46 0.00	49.04 2.15 0.00	48.06 2.36 0.00	43.86 2.29 0.00	31.94 1.49 0.00	12.37 0.60 0.00	11.47 0.59 0.00	13.84 0.68 0.00	3.14 0.21 0.00	8.57 0.62 0.00	29.03 1.93 0.00	37.15 2.50 0.00	58.89 3.67 0.00	126.88 5.98 -33.17	117.99 7.43 0.00	87.03 5.46 0.00	79.41 4.61 0.00	90.77 5.16 0.00	87.62 4.80 0.00	98.72 4.91 0.00
BROOME_2_LFGE 323671	49.03 -0.57 0.00	41.96 -0.43 0.00	34.94 -0.47 0.00	35.70 -0.42 0.00	37.20 -0.46 0.00	46.35 -0.54 0.00	45.15 -0.56 0.00	41.15 -0.41 0.00	30.06 -0.40 0.00	11.63 -0.15 0.00	10.77 -0.10 0.00	13.05 -0.10 0.00	2.95 0.02 0.00	8.01 0.06 0.00	27.07 -0.04 0.00	34.56 -0.09 0.00	55.10 -0.11 0.00	87.41 -0.32 0.00	110.07 -0.48 0.00	81.36 -0.21 0.00	74.24 -0.56 0.00	85.11 -0.51 0.00	82.51 -0.31 0.00	93.57 -0.23 0.00
BROOME___LFGE 323600	49.03 -0.57 0.00	41.96 -0.43 0.00	34.94 -0.47 0.00	35.70 -0.42 0.00	37.20 -0.46 0.00	46.35 -0.54 0.00	45.15 -0.56 0.00	41.15 -0.41 0.00	30.06 -0.40 0.00	11.63 -0.15 0.00	10.77 -0.10 0.00	13.05 -0.10 0.00	2.95 0.02 0.00	8.01 0.06 0.00	27.07 -0.04 0.00	34.56 -0.09 0.00	55.10 -0.11 0.00	87.41 -0.32 0.00	110.07 -0.48 0.00	81.36 -0.21 0.00	74.24 -0.56 0.00	85.11 -0.51 0.00	82.51 -0.31 0.00	93.57 -0.23 0.00
BROWNFLS_115KV_TB_3_5 80003	51.15 1.56 0.00	43.92 1.53 0.00	36.73 1.32 0.00	37.52 1.41 0.00	39.24 1.58 0.00	48.66 1.77 0.00	47.27 1.56 0.00	42.91 1.34 0.00	31.19 0.73 0.00	11.99 0.21 0.00	11.04 0.17 0.00	13.37 0.22 0.00	2.92 -0.01 0.00	7.85 -0.09 0.00	26.92 -0.19 0.00	34.35 -0.30 0.00	55.49 0.28 0.00	89.90 2.18 0.00	113.95 3.39 0.00	83.61 2.04 0.00	76.30 1.50 0.00	87.72 2.11 0.00	84.87 2.06 0.00	96.38 2.57 0.00
BROWNSV1_27_KV_LOAD 356125	51.67 2.08 0.00	44.08 1.69 0.00	36.66 1.25 0.00	37.29 1.18 0.00	38.86 1.19 0.00	48.63 1.74 0.00	47.64 1.93 0.00	43.53 1.96 0.00	31.75 1.30 0.00	12.33 0.55 0.00	11.48 0.61 0.00	13.86 0.71 0.00	3.15 0.22 0.00	8.57 0.63 0.00	29.02 1.92 0.00	37.02 2.37 0.00	58.60 3.38 0.00	93.05 5.32 0.00	117.42 6.86 0.00	86.76 5.19 0.00	79.02 4.22 0.00	90.38 4.76 0.00	87.37 4.56 0.00	98.29 4.49 0.00
BURROWS___LYONSDAL 23803	50.82 1.23 0.00	43.63 1.24 0.00	36.54 1.13 0.00	37.29 1.18 0.00	38.96 1.30 0.00	48.46 1.57 0.00	47.40 1.69 0.00	43.16 1.60 0.00	31.35 0.90 0.00	12.04 0.27 0.00	11.10 0.22 0.00	13.39 0.23 0.00	2.96 0.04 0.00	8.00 0.06 0.00	27.30 0.19 0.00	34.90 0.26 0.00	56.37 1.15 0.00	91.46 3.74 0.00	116.08 5.52 0.00	85.30 3.73 0.00	77.46 2.66 0.00	88.96 3.35 0.00	85.90 3.08 0.00	97.07 3.26 0.00
CAITHNESS_CC_1 323624	51.80 2.21 0.00	44.32 1.92 0.00	36.92 1.52 0.00	37.52 1.41 0.00	39.07 1.40 0.00	49.05 2.16 0.00	48.12 2.41 0.00	43.91 2.34 0.00	31.90 1.44 0.00	12.30 0.52 0.00	11.35 0.47 0.00	13.67 0.51 0.00	3.10 0.18 0.00	8.47 0.53 0.00	28.80 1.69 0.00	36.93 2.28 0.00	58.76 3.55 0.00	127.27 6.37 -33.17	117.68 7.12 0.00	86.74 5.16 0.00	79.40 4.60 0.00	90.68 5.07 0.00	87.42 4.60 0.00	98.50 4.69 0.00
CALPINE BETH_PAGE_GT4 24209	51.32 1.73 0.00	43.90 1.51 0.00	36.55 1.14 0.00	37.16 1.05 0.00	38.70 1.03 0.00	48.49 1.60 0.00	47.54 1.83 0.00	43.39 1.82 0.00	31.61 1.16 0.00	12.23 0.46 0.00	11.32 0.44 0.00	13.65 0.50 0.00	3.10 0.17 0.00	8.45 0.51 0.00	28.68 1.57 0.00	36.72 2.07 0.00	58.21 3.00 0.00	126.01 5.12 -33.17	116.84 6.29 0.00	86.14 4.57 0.00	78.64 3.84 0.00	89.87 4.26 0.00	86.74 3.93 0.00	97.80 3.99 0.00
CALPINE_BETH_PAGE_GT_4 323586	51.32 1.73 0.00	43.90 1.51 0.00	36.55 1.14 0.00	37.15 1.05 0.00	38.70 1.03 0.00	48.49 1.60 0.00	47.53 1.83 0.00	43.39 1.83 0.00	31.61 1.15 0.00	12.23 0.46 0.00	11.32 0.44 0.00	13.65 0.50 0.00	3.10 0.17 0.00	8.45 0.51 0.00	28.69 1.57 0.00	36.72 2.07 0.00	58.21 3.00 0.00	126.01 5.11 -33.17	116.83 6.27 0.00	86.14 4.56 0.00	78.64 3.84 0.00	89.87 4.26 0.00	86.75 3.93 0.00	97.80 3.99 0.00
CALPINE_BP_GT1 23823	51.32 1.73 0.00	43.90 1.51 0.00	36.55 1.14 0.00	37.15 1.05 0.00	38.70 1.03 0.00	48.49 1.60 0.00	47.53 1.83 0.00	43.39 1.83 0.00	31.61 1.15 0.00	12.23 0.46 0.00	11.32 0.44 0.00	13.65 0.50 0.00	3.10 0.17 0.00	8.45 0.51 0.00	28.69 1.57 0.00	36.72 2.07 0.00	58.21 3.00 0.00	126.01 5.11 -33.17	116.83 6.27 0.00	86.14 4.56 0.00	78.64 3.84 0.00	89.87 4.26 0.00	86.75 3.93 0.00	97.80 3.99 0.00
CALSPAN___DRP 24200	47.01 -2.59 0.00	40.29 -2.10 0.00	33.29 -2.12 0.00	34.25 -1.86 0.00	35.77 -1.90 0.00	44.46 -2.43 0.00	42.54 -3.17 0.00	38.89 -2.68 0.00	28.60 -1.86 0.00	11.20 -0.57 0.00	10.44 -0.43 0.00	12.68 -0.47 0.00	2.91 -0.02 0.00	7.87 -0.07 0.00	26.41 -0.71 0.00	33.38 -1.27 0.00	52.78 -2.43 0.00	83.41 -4.32 0.00	104.28 -6.27 0.00	77.11 -4.46 0.00	70.32 -4.48 0.00	80.44 -5.18 0.00	78.82 -4.00 0.00	90.70 -3.11 0.00

CALVERTON___SOLAR 323806	51.98 2.39 0.00	44.47 2.08 0.00	37.05 1.65 0.00	37.65 1.54 0.00	39.21 1.54 0.00	49.24 2.35 0.00	48.30 2.59 0.00	44.07 2.50 0.00	31.99 1.53 0.00	12.32 0.55 0.00	11.36 0.49 0.00	13.68 0.53 0.00	3.11 0.18 0.00	8.48 0.54 0.00	28.83 1.72 0.00	37.01 2.36 0.00	58.98 3.77 0.00	127.76 6.86 -33.17	118.01 7.45 0.00	86.97 5.40 0.00	79.68 4.88 0.00	91.00 5.38 0.00	87.69 4.87 0.00	98.77 4.96 0.00
CANDIGU_WT_PWR 323617	46.66 -2.93 0.00	40.15 -2.24 0.00	33.14 -2.27 0.00	33.91 -2.21 0.00	35.38 -2.28 0.00	44.34 -2.56 0.00	43.05 -2.66 0.00	39.36 -2.21 0.00	28.66 -1.80 0.00	11.10 -0.68 0.00	10.30 -0.57 0.00	12.53 -0.63 0.00	2.86 -0.07 0.00	7.75 -0.20 0.00	25.97 -1.14 0.00	33.07 -1.58 0.00	52.88 -2.33 0.00	84.02 -3.71 0.00	105.28 -5.28 0.00	78.01 -3.56 0.00	70.92 -3.88 0.00	81.37 -4.25 0.00	79.44 -3.38 0.00	91.23 -2.58 0.00
CARR STREET_E__SYR 24060	48.35 -1.24 0.00	41.34 -1.05 0.00	34.58 -0.83 0.00	35.28 -0.83 0.00	36.76 -0.90 0.00	45.72 -1.17 0.00	44.55 -1.15 0.00	40.60 -0.96 0.00	29.82 -0.63 0.00	11.54 -0.23 0.00	10.68 -0.19 0.00	12.91 -0.24 0.00	2.90 -0.03 0.00	7.88 -0.06 0.00	26.76 -0.35 0.00	34.12 -0.53 0.00	54.25 -0.96 0.00	86.31 -1.42 0.00	108.79 -1.77 0.00	80.28 -1.29 0.00	73.33 -1.47 0.00	83.89 -1.73 0.00	81.18 -1.63 0.00	91.95 -1.86 0.00
CARTHAGE___PAPER 23857	51.77 2.18 0.00	44.53 2.14 0.00	37.28 1.87 0.00	38.09 1.99 0.00	39.86 2.19 0.00	49.51 2.62 0.00	48.40 2.69 0.00	43.99 2.42 0.00	31.65 1.19 0.00	12.08 0.31 0.00	11.07 0.19 0.00	13.36 0.20 0.00	2.93 0.00 0.00	7.89 -0.06 0.00	27.00 -0.11 0.00	34.50 -0.15 0.00	56.29 1.08 0.00	93.02 5.29 0.00	118.78 8.22 0.00	87.02 5.45 0.00	78.72 3.92 0.00	90.58 4.96 0.00	87.31 4.49 0.00	98.65 4.84 0.00
CASSADAGA_WT_PWR 323784	48.02 -1.58 0.00	41.14 -1.25 0.00	34.06 -1.35 0.00	35.14 -0.96 0.00	36.91 -0.75 0.00	46.09 -0.79 0.00	44.42 -1.29 0.00	40.64 -0.93 0.00	29.80 -0.66 0.00	11.63 -0.14 0.00	10.84 -0.03 0.00	13.17 0.02 0.00	3.00 0.07 0.00	8.13 0.18 0.00	27.23 0.12 0.00	34.46 -0.18 0.00	54.82 -0.39 0.00	86.70 -1.02 0.00	108.51 -2.05 0.00	80.36 -1.21 0.00	73.21 -1.59 0.00	84.06 -1.56 0.00	81.95 -0.86 0.00	94.04 0.23 0.00
CE_DUNWOOD___DRP 24194	51.11 1.52 0.00	43.61 1.22 0.00	36.31 0.90 0.00	36.94 0.83 0.00	38.48 0.81 0.00	48.16 1.27 0.00	47.20 1.49 0.00	43.07 1.50 0.00	31.39 0.93 0.00	12.16 0.38 0.00	11.28 0.40 0.00	13.63 0.47 0.00	3.09 0.16 0.00	8.42 0.48 0.00	28.52 1.41 0.00	36.39 1.74 0.00	57.63 2.42 0.00	91.66 3.93 0.00	115.68 5.12 0.00	85.44 3.87 0.00	77.88 3.07 0.00	89.10 3.48 0.00	86.14 3.32 0.00	96.98 3.17 0.00
CE_MILLWOOD___DRP 24193	51.02 1.44 0.00	43.54 1.15 0.00	36.25 0.84 0.00	36.89 0.78 0.00	38.43 0.77 0.00	48.09 1.20 0.00	47.13 1.42 0.00	43.00 1.44 0.00	31.33 0.88 0.00	12.13 0.36 0.00	11.25 0.38 0.00	13.59 0.44 0.00	3.08 0.16 0.00	8.39 0.45 0.00	28.44 1.33 0.00	36.28 1.64 0.00	57.47 2.26 0.00	91.45 3.73 0.00	115.46 4.90 0.00	85.24 3.67 0.00	77.70 2.90 0.00	88.92 3.31 0.00	85.95 3.13 0.00	96.76 2.95 0.00
CE_NYC2_DRP 24202	51.32 1.73 0.00	43.81 1.42 0.00	36.47 1.06 0.00	37.12 1.00 0.00	38.64 0.98 0.00	48.35 1.45 0.00	47.33 1.62 0.00	43.23 1.67 0.00	31.55 1.10 0.00	12.27 0.49 -0.01	11.86 0.54 -0.44	13.79 0.64 0.00	3.14 0.21 -0.01	8.54 0.59 -0.01	28.89 1.77 -0.01	36.84 2.19 0.00	58.16 2.94 0.00	92.32 4.60 0.00	116.82 5.91 -0.35	86.12 4.55 0.00	78.44 3.64 0.00	89.74 4.13 0.00	86.77 3.95 0.00	97.69 3.87 0.00
CE_NYC_DRP 24195	51.20 1.61 0.00	43.69 1.30 0.00	36.31 0.90 0.00	36.97 0.85 0.00	38.49 0.83 0.00	48.17 1.28 0.00	47.22 1.51 0.00	43.14 1.57 0.00	31.45 1.00 0.00	12.21 0.44 0.00	11.36 0.48 0.00	13.73 0.57 0.00	3.12 0.19 0.00	8.49 0.55 0.00	28.74 1.63 0.00	36.67 2.02 0.00	58.00 2.78 0.00	92.09 4.36 0.00	116.15 5.59 0.00	85.84 4.26 0.00	78.18 3.38 0.00	89.43 3.81 0.00	86.47 3.65 0.00	97.33 3.52 0.00
CHAFFEE___LFGE 323603	47.46 -2.13 0.00	40.67 -1.72 0.00	33.63 -1.78 0.00	34.59 -1.52 0.00	36.11 -1.55 0.00	44.86 -2.03 0.00	42.97 -2.74 0.00	39.23 -2.33 0.00	28.86 -1.60 0.00	11.30 -0.47 0.00	10.53 -0.34 0.00	12.79 -0.36 0.00	2.94 0.01 0.00	7.94 -0.01 0.00	26.61 -0.50 0.00	33.65 -0.99 0.00	53.26 -1.95 0.00	84.19 -3.54 0.00	105.30 -5.25 0.00	77.88 -3.69 0.00	70.98 -3.82 0.00	81.20 -4.41 0.00	79.48 -3.33 0.00	91.39 -2.42 0.00
CHATEAUG_35_KV_LOAD 355732	50.22 0.15 -0.48	42.71 0.32 0.00	35.64 0.23 0.00	36.47 0.36 0.00	38.21 0.55 0.00	47.45 0.55 0.00	45.96 0.25 0.00	41.62 0.05 0.00	30.57 0.12 0.00	11.86 0.08 0.00	10.88 0.00 0.00	13.20 0.04 0.00	2.87 -0.06 0.00	7.73 -0.21 0.00	26.56 -0.55 0.00	34.04 -0.61 0.00	54.69 -0.53 0.00	87.15 -0.57 0.00	110.32 -0.24 0.00	80.82 -0.76 0.00	74.62 -0.18 0.00	85.22 -0.40 0.00	82.45 -0.37 0.00	94.04 0.23 0.00
CHATEAUG_WT_PWR 323614	44.31 -0.13 5.15	42.46 0.07 0.00	35.44 0.04 0.00	36.27 0.16 0.00	38.01 0.35 0.00	47.16 0.27 0.00	45.71 0.00 0.00	41.40 -0.16 0.00	30.40 -0.05 0.00	11.80 0.03 0.00	10.84 -0.03 0.00	13.15 0.00 0.00	2.87 -0.06 0.00	7.73 -0.21 0.00	26.52 -0.59 0.00	33.94 -0.70 0.00	54.52 -0.69 0.00	86.75 -0.98 0.00	109.91 -0.65 0.00	80.42 -1.16 0.00	74.29 -0.51 0.00	84.87 -0.75 0.00	82.16 -0.66 0.00	93.72 -0.09 0.00
CHAT_HIGH_FALL_HYD 323578	50.22 0.15 -0.48	42.71 0.32 0.00	35.64 0.23 0.00	36.47 0.36 0.00	38.21 0.55 0.00	47.45 0.55 0.00	45.96 0.25 0.00	41.62 0.05 0.00	30.57 0.12 0.00	11.86 0.08 0.00	10.88 0.00 0.00	13.20 0.04 0.00	2.87 -0.06 0.00	7.73 -0.21 0.00	26.56 -0.55 0.00	34.04 -0.61 0.00	54.69 -0.53 0.00	87.15 -0.57 0.00	110.32 -0.24 0.00	80.82 -0.76 0.00	74.62 -0.18 0.00	85.22 -0.40 0.00	82.45 -0.37 0.00	94.04 0.23 0.00
CHAUTAUQUA___LFGE 323629	47.33 -2.26 0.00	40.51 -1.88 0.00	33.50 -1.91 0.00	34.57 -1.54 0.00	36.23 -1.44 0.00	45.20 -1.69 0.00	43.52 -2.18 0.00	39.80 -1.76 0.00	29.16 -1.29 0.00	11.38 -0.39 0.00	10.60 -0.27 0.00	12.88 -0.28 0.00	2.94 0.01 0.00	7.96 0.02 0.00	26.70 -0.41 0.00	33.81 -0.84 0.00	53.73 -1.48 0.00	85.02 -2.71 0.00	106.34 -4.21 0.00	78.77 -2.80 0.00	71.75 -3.05 0.00	82.36 -3.25 0.00	80.28 -2.54 0.00	92.22 -1.59 0.00
CHERRYST_13_KV_LD 356241	51.33 1.74 0.00	43.78 1.39 0.00	36.41 1.00 0.00	37.05 0.94 0.00	38.59 0.93 0.00	48.31 1.41 0.00	47.34 1.64 0.00	43.26 1.69 0.00	31.54 1.09 0.00	12.25 0.47 0.00	11.39 0.52 0.00	13.77 0.61 0.00	3.13 0.20 0.00	8.52 0.58 0.00	28.83 1.72 0.00	36.77 2.13 0.00	58.16 2.95 0.00	92.36 4.63 0.00	116.53 5.97 0.00	86.10 4.52 0.00	78.43 3.62 0.00	89.68 4.07 0.00	86.72 3.90 0.00	97.60 3.79 0.00

CHESTROR_138KV_BK263 355645	50.75 1.16 0.00	43.33 0.94 0.00	36.10 0.69 0.00	36.74 0.63 0.00	38.28 0.61 0.00	47.87 0.97 0.00	46.88 1.17 0.00	42.75 1.18 0.00	31.13 0.68 0.00	12.04 0.26 0.00	11.15 0.27 0.00	13.45 0.30 0.00	3.05 0.12 0.00	8.29 0.35 0.00	28.11 1.00 0.00	35.86 1.21 0.00	56.91 1.69 0.00	90.71 2.98 0.00	114.56 4.00 0.00	84.59 3.02 0.00	77.11 2.31 0.00	88.27 2.65 0.00	85.36 2.54 0.00	96.13 2.33 0.00
CH_MIDHUDSON___DRP 24192	51.35 1.76 0.00	43.80 1.41 0.00	36.48 1.07 0.00	37.13 1.02 0.00	38.70 1.03 0.00	48.40 1.50 0.00	47.42 1.71 0.00	43.21 1.64 0.00	31.49 1.03 0.00	12.16 0.39 0.00	11.26 0.39 0.00	13.59 0.44 0.00	3.08 0.15 0.00	8.37 0.43 0.00	28.42 1.31 0.00	36.29 1.65 0.00	57.68 2.46 0.00	92.00 4.27 0.00	116.24 5.68 0.00	85.87 4.29 0.00	78.30 3.50 0.00	89.57 3.96 0.00	86.58 3.76 0.00	97.43 3.62 0.00
CH_MISC_IPPS 23765	51.57 1.98 0.00	44.00 1.61 0.00	36.64 1.23 0.00	37.30 1.19 0.00	38.88 1.21 0.00	48.63 1.73 0.00	47.65 1.94 0.00	43.43 1.86 0.00	31.63 1.17 0.00	12.22 0.45 0.00	11.31 0.43 0.00	13.65 0.50 0.00	3.09 0.16 0.00	8.41 0.47 0.00	28.54 1.43 0.00	36.46 1.81 0.00	57.98 2.76 0.00	92.52 4.79 0.00	116.89 6.33 0.00	86.34 4.76 0.00	78.70 3.90 0.00	90.02 4.40 0.00	86.99 4.17 0.00	97.88 4.07 0.00
CH_RES_BVR_FALLS 23983	49.80 0.21 0.00	42.66 0.26 0.00	35.66 0.25 0.00	36.41 0.29 0.00	38.05 0.38 0.00	47.32 0.42 0.00	45.99 0.28 0.00	41.73 0.16 0.00	30.64 0.19 0.00	11.85 0.07 0.00	10.92 0.05 0.00	13.23 0.08 0.00	2.89 -0.04 0.00	7.81 -0.13 0.00	26.78 -0.33 0.00	34.27 -0.38 0.00	54.79 -0.43 0.00	87.21 -0.52 0.00	110.10 -0.45 0.00	80.96 -0.61 0.00	74.25 -0.55 0.00	85.04 -0.58 0.00	82.23 -0.59 0.00	93.53 -0.28 0.00
CH_RES_NIAGARA 23895	45.12 -4.48 0.00	38.64 -3.75 0.00	31.94 -3.47 0.00	32.88 -3.23 0.00	34.35 -3.32 0.00	42.55 -4.34 0.00	40.55 -5.16 0.00	37.10 -4.46 0.00	27.39 -3.06 0.00	10.77 -1.00 0.00	10.04 -0.84 0.00	12.19 -0.96 0.00	2.81 -0.12 0.00	7.58 -0.36 0.00	25.44 -1.67 0.00	32.09 -2.56 0.00	50.48 -4.73 0.00	79.63 -8.10 0.00	99.40 -11.15 0.00	73.47 -8.11 0.00	67.03 -7.77 0.00	76.56 -9.05 0.00	75.24 -7.57 0.00	86.75 -7.06 0.00
CH_RES_SYRACUSE 23985	49.04 -0.55 0.00	41.91 -0.48 0.00	35.05 -0.36 0.00	35.76 -0.35 0.00	37.29 -0.38 0.00	46.39 -0.51 0.00	45.20 -0.51 0.00	41.21 -0.35 0.00	30.27 -0.19 0.00	11.70 -0.07 0.00	10.82 -0.05 0.00	13.08 -0.08 0.00	2.94 0.01 0.00	7.97 0.03 0.00	27.09 -0.02 0.00	34.54 -0.11 0.00	55.02 -0.19 0.00	87.61 -0.12 0.00	110.42 -0.14 0.00	81.48 -0.10 0.00	74.42 -0.38 0.00	85.14 -0.48 0.00	82.36 -0.47 0.00	93.17 -0.64 0.00
CLINTON_WT_PWR 323605	44.31 -0.13 5.15	42.46 0.07 0.00	35.44 0.04 0.00	36.27 0.16 0.00	38.01 0.35 0.00	47.16 0.27 0.00	45.71 0.00 0.00	41.40 -0.16 0.00	30.40 -0.05 0.00	11.80 0.03 0.00	10.84 -0.03 0.00	13.15 0.00 0.00	2.87 -0.06 0.00	7.73 -0.21 0.00	26.52 -0.59 0.00	33.94 -0.70 0.00	54.52 -0.69 0.00	86.75 -0.98 0.00	109.91 -0.65 0.00	80.42 -1.16 0.00	74.29 -0.51 0.00	84.87 -0.75 0.00	82.16 -0.66 0.00	93.72 -0.09 0.00
CLINTON___LFGE 323618	53.09 0.07 -3.43	42.83 0.44 0.00	35.75 0.33 0.00	36.56 0.45 0.00	38.39 0.72 0.00	47.59 0.70 0.00	46.10 0.39 0.00	41.76 0.19 0.00	30.64 0.19 0.00	11.91 0.14 0.00	10.91 0.04 0.00	13.23 0.08 0.00	2.89 -0.03 0.00	7.80 -0.14 0.00	26.63 -0.48 0.00	34.01 -0.64 0.00	54.86 -0.35 0.00	87.36 -0.37 0.00	111.30 0.74 0.00	81.12 -0.46 0.00	75.00 0.20 0.00	85.62 0.00 0.00	82.98 0.16 0.00	94.57 0.76 0.00
COBBLENY_34_KV_TB1 80064	47.47 -2.12 0.00	40.68 -1.71 0.00	33.63 -1.78 0.00	34.59 -1.52 0.00	36.11 -1.56 0.00	44.86 -2.03 0.00	42.98 -2.73 0.00	39.24 -2.32 0.00	28.86 -1.60 0.00	11.30 -0.47 0.00	10.53 -0.34 0.00	12.79 -0.36 0.00	2.94 0.01 0.00	7.94 -0.01 0.00	26.63 -0.48 0.00	33.67 -0.97 0.00	53.26 -1.95 0.00	84.20 -3.53 0.00	105.31 -5.24 0.00	77.88 -3.69 0.00	70.98 -3.82 0.00	81.20 -4.42 0.00	79.48 -3.34 0.00	91.38 -2.42 0.00
COFFEEN___115KV_TB3 355620	51.98 2.39 0.00	44.68 2.29 0.00	37.39 1.98 0.00	38.23 2.12 0.00	40.01 2.34 0.00	49.72 2.83 0.00	48.64 2.93 0.00	44.21 2.65 0.00	31.65 1.20 0.00	12.06 0.28 0.00	11.02 0.14 0.00	13.26 0.11 0.00	2.92 0.00 0.00	7.87 -0.07 0.00	26.89 -0.22 0.00	34.34 -0.31 0.00	56.21 0.99 0.00	93.72 5.99 0.00	120.08 9.52 0.00	87.96 6.39 0.00	79.43 4.63 0.00	91.35 5.73 0.00	87.96 5.14 0.00	99.22 5.41 0.00
COLDSPRG_115KV_BK1 355956	49.16 -0.44 0.00	42.21 -0.18 0.00	34.93 -0.48 0.00	35.93 -0.18 0.00	37.58 -0.08 0.00	46.79 -0.10 0.00	44.98 -0.73 0.00	41.11 -0.46 0.00	30.10 -0.35 0.00	11.75 -0.02 0.00	10.99 0.11 0.00	13.38 0.23 0.00	3.06 0.13 0.00	8.30 0.36 0.00	27.76 0.65 0.00	35.08 0.43 0.00	55.57 0.36 0.00	87.60 -0.12 0.00	109.61 -0.95 0.00	81.10 -0.47 0.00	73.86 -0.94 0.00	84.87 -0.75 0.00	82.98 0.16 0.00	95.20 1.39 0.00
COLONIE_LFGE___ 323577	51.22 1.63 0.00	43.68 1.29 0.00	36.45 1.05 0.00	37.12 1.01 0.00	38.74 1.07 0.00	48.39 1.50 0.00	47.41 1.70 0.00	43.01 1.45 0.00	31.31 0.86 0.00	12.04 0.27 0.00	11.10 0.22 0.00	13.38 0.22 0.00	3.01 0.08 0.00	8.19 0.24 0.00	27.94 0.84 0.00	35.69 1.04 0.00	57.22 2.01 0.00	91.51 3.78 0.00	115.61 5.05 0.00	85.38 3.80 0.00	78.06 3.26 0.00	89.33 3.72 0.00	86.30 3.48 0.00	97.36 3.55 0.00
COOPERNY_115KV_TB1 80082	50.36 0.77 0.00	43.02 0.63 0.00	35.87 0.46 0.00	36.52 0.41 0.00	38.06 0.39 0.00	47.54 0.64 0.00	46.51 0.80 0.00	42.38 0.81 0.00	30.92 0.47 0.00	11.96 0.19 0.00	11.07 0.19 0.00	13.37 0.22 0.00	3.02 0.09 0.00	8.21 0.27 0.00	27.84 0.73 0.00	35.52 0.87 0.00	56.41 1.20 0.00	89.79 2.06 0.00	113.31 2.75 0.00	83.65 2.08 0.00	76.35 1.55 0.00	87.42 1.81 0.00	84.60 1.78 0.00	95.40 1.60 0.00
COPENHAGEN_WT_PWR 323753	51.10 1.51 0.00	44.00 1.61 0.00	36.81 1.40 0.00	37.64 1.53 0.00	39.40 1.74 0.00	48.93 2.03 0.00	47.88 2.18 0.00	43.55 1.98 0.00	31.27 0.81 0.00	11.93 0.16 0.00	10.94 0.06 0.00	13.17 0.02 0.00	2.90 -0.02 0.00	7.80 -0.15 0.00	26.65 -0.47 0.00	33.96 -0.69 0.00	55.48 0.26 0.00	92.35 4.63 0.00	118.14 7.59 0.00	86.41 4.84 0.00	77.86 3.05 0.00	89.76 4.14 0.00	86.48 3.66 0.00	97.56 3.75 0.00
CORNELL_____ 23752	49.90 0.31 0.00	42.67 0.28 0.00	35.59 0.18 0.00	36.34 0.23 0.00	37.93 0.26 0.00	47.28 0.38 0.00	46.13 0.42 0.00	42.11 0.55 0.00	30.80 0.35 0.00	11.87 0.10 0.00	10.92 0.05 0.00	13.18 0.02 0.00	2.97 0.04 0.00	8.05 0.11 0.00	27.34 0.23 0.00	34.94 0.29 0.00	56.04 0.83 0.00	89.48 1.76 0.00	112.97 2.41 0.00	83.45 1.87 0.00	76.16 1.35 0.00	87.08 1.47 0.00	84.30 1.48 0.00	95.36 1.55 0.00

CORONAAV_69_KV_TB1 355595	51.76 2.17 0.00	44.23 1.84 0.00	36.83 1.42 0.00	37.47 1.36 0.00	38.99 1.32 0.00	48.88 1.98 0.00	47.89 2.18 0.00	43.67 2.10 0.00	31.82 1.36 0.00	12.34 0.56 0.00	11.44 0.56 0.00	13.81 0.66 0.00	3.14 0.21 0.00	8.55 0.61 0.00	28.98 1.87 0.00	37.07 2.41 -0.01	58.74 3.52 0.00	126.73 5.83 -33.17	117.85 7.30 0.00	86.89 5.32 0.00	79.29 4.48 0.00	90.63 5.01 0.00	87.47 4.65 0.00	98.52 4.71 0.00
CORTLAND_115KV_TB3 80093	49.51 -0.08 0.00	42.33 -0.06 0.00	35.33 -0.08 0.00	36.07 -0.04 0.00	37.62 -0.05 0.00	46.86 -0.04 0.00	45.71 0.00 0.00	41.69 0.13 0.00	30.51 0.06 0.00	11.77 0.00 0.00	10.88 0.00 0.00	13.15 -0.01 0.00	2.96 0.03 0.00	8.03 0.08 0.00	27.23 0.12 0.00	34.79 0.14 0.00	55.61 0.39 0.00	88.58 0.85 0.00	111.70 1.14 0.00	82.49 0.92 0.00	75.26 0.45 0.00	86.17 0.55 0.00	83.40 0.58 0.00	94.38 0.57 0.00
COXSACKIE___GT 23611	53.09 3.50 0.00	45.32 2.93 0.00	37.81 2.40 0.00	38.52 2.41 0.00	40.16 2.50 0.00	50.11 3.22 0.00	48.96 3.25 0.00	44.33 2.77 0.00	32.07 1.62 0.00	12.23 0.45 0.00	11.19 0.32 0.00	13.50 0.34 0.00	3.03 0.10 0.00	8.24 0.30 0.00	28.10 0.99 0.00	36.06 1.42 0.00	58.39 3.18 0.00	94.56 6.83 0.00	120.35 9.79 0.00	88.74 7.17 0.00	81.00 6.20 0.00	92.57 6.95 0.00	89.37 6.55 0.00	101.25 7.44 0.00
CPV_VALLEY___CC1 323721	50.36 0.77 0.00	43.01 0.62 0.00	35.84 0.43 0.00	36.49 0.38 0.00	38.02 0.35 0.00	47.52 0.62 0.00	46.52 0.81 0.00	42.42 0.85 0.00	30.93 0.48 0.00	11.97 0.20 0.00	11.09 0.21 0.00	13.39 0.24 0.00	3.03 0.10 0.00	8.25 0.30 0.00	27.94 0.83 0.00	35.61 0.97 0.00	56.48 1.27 0.00	89.95 2.22 0.00	113.53 2.97 0.00	83.83 2.26 0.00	76.45 1.65 0.00	87.52 1.90 0.00	84.65 1.83 0.00	95.36 1.55 0.00
CPV_VALLEY___CC2 323722	50.36 0.77 0.00	43.01 0.62 0.00	35.84 0.43 0.00	36.49 0.38 0.00	38.02 0.35 0.00	47.52 0.62 0.00	46.52 0.81 0.00	42.42 0.85 0.00	30.93 0.48 0.00	11.97 0.20 0.00	11.09 0.21 0.00	13.39 0.24 0.00	3.03 0.10 0.00	8.25 0.30 0.00	27.94 0.83 0.00	35.61 0.97 0.00	56.48 1.27 0.00	89.95 2.22 0.00	113.53 2.97 0.00	83.83 2.26 0.00	76.45 1.65 0.00	87.52 1.90 0.00	84.65 1.83 0.00	95.36 1.55 0.00
CRESCENT___HYD 24018	51.22 1.63 0.00	43.68 1.29 0.00	36.45 1.05 0.00	37.12 1.01 0.00	38.74 1.07 0.00	48.39 1.50 0.00	47.41 1.70 0.00	43.01 1.45 0.00	31.31 0.86 0.00	12.04 0.27 0.00	11.10 0.22 0.00	13.38 0.22 0.00	3.01 0.08 0.00	8.19 0.24 0.00	27.94 0.84 0.00	35.69 1.04 0.00	57.22 2.01 0.00	91.51 3.78 0.00	115.61 5.05 0.00	85.38 3.80 0.00	78.06 3.26 0.00	89.33 3.72 0.00	86.30 3.48 0.00	97.36 3.55 0.00
CRICKET___VALLEY_CC1 323756	50.97 1.38 0.00	43.42 1.03 0.00	36.17 0.76 0.00	36.81 0.70 0.00	38.38 0.71 0.00	48.00 1.10 0.00	47.05 1.34 0.00	42.81 1.24 0.00	31.22 0.77 0.00	12.05 0.27 0.00	11.14 0.27 0.00	13.44 0.29 0.00	3.04 0.11 0.00	8.28 0.33 0.00	28.14 1.03 0.00	35.92 1.27 0.00	57.02 1.81 0.00	91.00 3.27 0.00	115.15 4.59 0.00	85.09 3.52 0.00	77.61 2.81 0.00	88.82 3.21 0.00	85.79 2.97 0.00	96.53 2.72 0.00
CRICKET___VALLEY_CC2 323757	50.97 1.38 0.00	43.42 1.03 0.00	36.17 0.76 0.00	36.81 0.70 0.00	38.38 0.71 0.00	48.00 1.10 0.00	47.05 1.34 0.00	42.81 1.24 0.00	31.22 0.77 0.00	12.05 0.27 0.00	11.14 0.27 0.00	13.44 0.29 0.00	3.04 0.11 0.00	8.28 0.33 0.00	28.14 1.03 0.00	35.92 1.27 0.00	57.02 1.81 0.00	91.00 3.27 0.00	115.15 4.59 0.00	85.09 3.52 0.00	77.61 2.81 0.00	88.82 3.21 0.00	85.79 2.97 0.00	96.53 2.72 0.00
CRICKET___VALLEY_CC3 323758	50.97 1.38 0.00	43.42 1.03 0.00	36.17 0.76 0.00	36.81 0.70 0.00	38.38 0.71 0.00	48.00 1.10 0.00	47.05 1.34 0.00	42.81 1.24 0.00	31.22 0.77 0.00	12.05 0.27 0.00	11.14 0.27 0.00	13.44 0.29 0.00	3.04 0.11 0.00	8.28 0.33 0.00	28.14 1.03 0.00	35.92 1.27 0.00	57.02 1.81 0.00	91.00 3.27 0.00	115.15 4.59 0.00	85.09 3.52 0.00	77.61 2.81 0.00	88.82 3.21 0.00	85.79 2.97 0.00	96.53 2.72 0.00
CRUCIBLE_METL_DRP 24180	49.04 -0.55 0.00	41.91 -0.48 0.00	35.05 -0.36 0.00	35.76 -0.36 0.00	37.29 -0.38 0.00	46.39 -0.51 0.00	45.20 -0.51 0.00	41.21 -0.35 0.00	30.27 -0.19 0.00	11.70 -0.07 0.00	10.82 -0.05 0.00	13.08 -0.08 0.00	2.94 0.01 0.00	7.97 0.03 0.00	27.09 -0.02 0.00	34.54 -0.11 0.00	55.02 -0.19 0.00	87.61 -0.12 0.00	110.42 -0.14 0.00	81.48 -0.10 0.00	74.42 -0.39 0.00	85.13 -0.48 0.00	82.35 -0.47 0.00	93.17 -0.64 0.00
DAHOWA___HYDRO 323763	53.03 3.43 0.00	45.17 2.78 0.00	37.69 2.28 0.00	38.38 2.27 0.00	40.06 2.40 0.00	50.05 3.15 0.00	49.04 3.33 0.00	44.42 2.85 0.00	32.17 1.72 0.00	12.33 0.56 0.00	11.33 0.46 0.00	13.67 0.52 0.00	3.08 0.15 0.00	8.38 0.44 0.00	28.62 1.51 0.00	36.65 2.00 0.00	59.25 4.04 0.00	95.51 7.78 0.00	120.78 10.22 0.00	89.08 7.51 0.00	81.36 6.56 0.00	93.04 7.43 0.00	89.69 6.87 0.00	101.06 7.25 0.00
DANC___LFGE 323619	50.32 0.73 0.00	43.21 0.81 0.00	36.15 0.74 0.00	36.95 0.83 0.00	38.60 0.94 0.00	47.92 1.03 0.00	46.81 1.10 0.00	42.62 1.05 0.00	30.84 0.38 0.00	11.82 0.05 0.00	10.88 0.01 0.00	13.12 -0.03 0.00	2.91 -0.01 0.00	7.86 -0.09 0.00	26.78 -0.33 0.00	34.11 -0.54 0.00	55.22 0.00 0.00	90.51 2.78 0.00	115.25 4.69 0.00	84.53 2.96 0.00	76.54 1.74 0.00	87.94 2.33 0.00	84.86 2.04 0.00	95.90 2.09 0.00
DANSKAMMER___1 23586	51.57 1.98 0.00	44.00 1.61 0.00	36.64 1.23 0.00	37.30 1.19 0.00	38.88 1.21 0.00	48.63 1.73 0.00	47.65 1.94 0.00	43.43 1.86 0.00	31.63 1.17 0.00	12.22 0.45 0.00	11.31 0.43 0.00	13.65 0.50 0.00	3.09 0.16 0.00	8.41 0.47 0.00	28.54 1.43 0.00	36.46 1.81 0.00	57.98 2.76 0.00	92.52 4.79 0.00	116.89 6.33 0.00	86.34 4.76 0.00	78.70 3.90 0.00	90.02 4.40 0.00	86.99 4.17 0.00	97.88 4.07 0.00
DANSKAMMER___2 23589	51.57 1.98 0.00	44.00 1.61 0.00	36.64 1.23 0.00	37.30 1.19 0.00	38.88 1.21 0.00	48.63 1.73 0.00	47.65 1.94 0.00	43.43 1.86 0.00	31.63 1.17 0.00	12.22 0.45 0.00	11.31 0.43 0.00	13.65 0.50 0.00	3.09 0.16 0.00	8.41 0.47 0.00	28.54 1.43 0.00	36.46 1.81 0.00	57.98 2.76 0.00	92.52 4.79 0.00	116.89 6.33 0.00	86.34 4.76 0.00	78.70 3.90 0.00	90.02 4.40 0.00	86.99 4.17 0.00	97.88 4.07 0.00
DANSKAMMER___3 23590	51.57 1.98 0.00	44.00 1.61 0.00	36.64 1.23 0.00	37.30 1.19 0.00	38.88 1.21 0.00	48.63 1.73 0.00	47.65 1.94 0.00	43.43 1.86 0.00	31.63 1.17 0.00	12.22 0.45 0.00	11.31 0.43 0.00	13.65 0.50 0.00	3.09 0.16 0.00	8.41 0.47 0.00	28.54 1.43 0.00	36.46 1.81 0.00	57.98 2.76 0.00	92.52 4.79 0.00	116.89 6.33 0.00	86.34 4.76 0.00	78.70 3.90 0.00	90.02 4.40 0.00	86.99 4.17 0.00	97.88 4.07 0.00

DANSKAMMER___4 23591	51.57 1.98 0.00	44.00 1.61 0.00	36.64 1.23 0.00	37.30 1.19 0.00	38.88 1.21 0.00	48.63 1.73 0.00	47.65 1.94 0.00	43.43 1.86 0.00	31.63 1.17 0.00	12.22 0.45 0.00	11.31 0.43 0.00	13.65 0.50 0.00	3.09 0.16 0.00	8.41 0.47 0.00	28.54 1.43 0.00	36.46 1.81 0.00	57.98 2.76 0.00	92.52 4.79 0.00	116.89 6.33 0.00	86.34 4.76 0.00	78.70 3.90 0.00	90.02 4.40 0.00	86.99 4.17 0.00	97.88 4.07 0.00
DANSKAMMER___DIESEL 23592	51.57 1.98 0.00	44.00 1.61 0.00	36.64 1.23 0.00	37.30 1.19 0.00	38.88 1.21 0.00	48.63 1.73 0.00	47.65 1.94 0.00	43.43 1.86 0.00	31.63 1.17 0.00	12.22 0.45 0.00	11.31 0.43 0.00	13.65 0.50 0.00	3.09 0.16 0.00	8.41 0.47 0.00	28.54 1.43 0.00	36.46 1.81 0.00	57.98 2.77 0.00	92.52 4.79 0.00	116.89 6.34 0.00	86.34 4.77 0.00	78.71 3.91 0.00	90.02 4.41 0.00	86.99 4.16 0.00	97.88 4.07 0.00
DARBY___SOLAR 323810	52.76 3.17 0.00	44.95 2.56 0.00	37.50 2.09 0.00	38.19 2.08 0.00	39.85 2.19 0.00	49.78 2.88 0.00	48.77 3.06 0.00	44.17 2.61 0.00	32.01 1.55 0.00	12.27 0.50 0.00	11.28 0.41 0.00	13.61 0.45 0.00	3.07 0.14 0.00	8.34 0.40 0.00	28.48 1.37 0.00	36.48 1.84 0.00	58.92 3.71 0.00	94.83 7.10 0.00	119.89 9.33 0.00	88.43 6.86 0.00	80.79 5.99 0.00	92.39 6.78 0.00	89.12 6.30 0.00	100.45 6.65 0.00
DASHVILLE___HYD 23610	51.32 1.72 0.00	43.79 1.40 0.00	36.48 1.07 0.00	37.14 1.02 0.00	38.70 1.03 0.00	48.40 1.51 0.00	47.41 1.71 0.00	43.22 1.65 0.00	31.48 1.02 0.00	12.15 0.38 0.00	11.24 0.37 0.00	13.57 0.41 0.00	3.07 0.14 0.00	8.35 0.41 0.00	28.34 1.23 0.00	36.18 1.54 0.00	57.54 2.32 0.00	91.82 4.10 0.00	116.07 5.51 0.00	85.72 4.15 0.00	78.17 3.37 0.00	89.44 3.82 0.00	86.48 3.66 0.00	97.36 3.55 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	51.76 2.17 0.00	44.31 1.92 0.00	36.97 1.56 0.00	37.54 1.43 0.00	39.14 1.48 0.00	49.16 2.26 0.00	48.21 2.50 0.00	43.99 2.42 0.00	31.89 1.44 0.00	12.27 0.49 0.00	11.31 0.44 0.00	13.63 0.48 0.00	3.09 0.16 0.00	8.43 0.49 0.00	28.69 1.58 0.00	36.85 2.20 0.00	58.91 3.69 0.00	127.79 6.90 -33.17	117.91 7.35 0.00	86.85 5.28 0.00	79.56 4.76 0.00	90.82 5.21 0.00	87.47 4.65 0.00	98.52 4.71 0.00
DELAWARE___LFGE 323621	50.57 0.98 0.00	43.24 0.85 0.00	36.07 0.66 0.00	36.80 0.69 0.00	38.38 0.71 0.00	47.88 0.98 0.00	46.75 1.04 0.00	42.60 1.03 0.00	31.12 0.66 0.00	12.02 0.25 0.00	11.12 0.25 0.00	13.44 0.29 0.00	3.03 0.10 0.00	8.22 0.28 0.00	27.87 0.76 0.00	35.59 0.94 0.00	56.71 1.50 0.00	90.18 2.45 0.00	113.73 3.17 0.00	84.03 2.45 0.00	76.75 1.95 0.00	87.91 2.29 0.00	85.20 2.38 0.00	96.15 2.34 0.00
DERFIELD_115KV_TB7 355931	49.62 0.03 0.00	42.39 0.00 0.00	35.44 0.03 0.00	36.13 0.02 0.00	37.67 0.00 0.00	46.94 0.05 0.00	45.84 0.13 0.00	41.68 0.11 0.00	30.48 0.02 0.00	11.76 -0.01 0.00	10.86 -0.01 0.00	13.12 -0.03 0.00	2.94 0.01 0.00	7.97 0.03 0.00	27.16 0.05 0.00	34.71 0.06 0.00	55.36 0.15 0.00	88.16 0.43 0.00	111.26 0.70 0.00	82.13 0.55 0.00	75.15 0.35 0.00	86.09 0.47 0.00	83.31 0.49 0.00	94.18 0.37 0.00
DOGLEVILLE___HYD 23807	49.64 0.04 0.00	42.31 -0.08 0.00	35.33 -0.08 0.00	35.95 -0.16 0.00	37.51 -0.15 0.00	46.93 0.04 0.00	46.06 0.35 0.00	41.68 0.12 0.00	29.84 -0.62 0.00	11.32 -0.45 0.00	10.43 -0.44 0.00	12.59 -0.56 0.00	2.86 -0.07 0.00	7.76 -0.19 0.00	26.35 -0.76 0.00	33.96 -0.69 0.00	55.51 0.30 0.00	89.29 1.56 0.00	113.50 2.95 0.00	84.10 2.52 0.00	76.66 1.86 0.00	87.89 2.27 0.00	84.91 2.09 0.00	95.37 1.56 0.00
DUNKIRK___115KV_TB_200 55889	47.30 -2.29 0.00	40.49 -1.90 0.00	33.49 -1.92 0.00	34.53 -1.59 0.00	36.16 -1.51 0.00	45.10 -1.80 0.00	43.42 -2.28 0.00	39.69 -1.88 0.00	29.08 -1.37 0.00	11.35 -0.42 0.00	10.57 -0.30 0.00	12.85 -0.31 0.00	2.94 0.01 0.00	7.95 0.01 0.00	26.67 -0.45 0.00	33.76 -0.89 0.00	53.64 -1.57 0.00	84.81 -2.91 0.00	106.09 -4.47 0.00	78.57 -3.01 0.00	71.56 -3.24 0.00	82.16 -3.45 0.00	80.11 -2.71 0.00	92.00 -1.81 0.00
DUNKIRK___1 23563	47.30 -2.29 0.00	40.49 -1.90 0.00	33.49 -1.92 0.00	34.53 -1.59 0.00	36.16 -1.51 0.00	45.10 -1.80 0.00	43.42 -2.28 0.00	39.69 -1.88 0.00	29.08 -1.37 0.00	11.35 -0.42 0.00	10.57 -0.30 0.00	12.85 -0.31 0.00	2.94 0.01 0.00	7.95 0.01 0.00	26.67 -0.45 0.00	33.76 -0.89 0.00	53.64 -1.57 0.00	84.81 -2.91 0.00	106.09 -4.47 0.00	78.57 -3.01 0.00	71.56 -3.24 0.00	82.16 -3.45 0.00	80.11 -2.71 0.00	92.00 -1.81 0.00
DUNKIRK___2 23564	47.30 -2.29 0.00	40.49 -1.90 0.00	33.49 -1.92 0.00	34.53 -1.59 0.00	36.16 -1.51 0.00	45.10 -1.80 0.00	43.42 -2.28 0.00	39.69 -1.88 0.00	29.08 -1.37 0.00	11.35 -0.42 0.00	10.57 -0.30 0.00	12.85 -0.31 0.00	2.94 0.01 0.00	7.95 0.01 0.00	26.67 -0.45 0.00	33.76 -0.89 0.00	53.64 -1.57 0.00	84.81 -2.91 0.00	106.09 -4.47 0.00	78.57 -3.01 0.00	71.56 -3.24 0.00	82.16 -3.45 0.00	80.11 -2.71 0.00	92.00 -1.81 0.00
DUNKIRK___3 23565	47.14 -2.45 0.00	40.39 -2.00 0.00	33.40 -2.01 0.00	34.39 -1.72 0.00	35.98 -1.69 0.00	44.83 -2.07 0.00	43.08 -2.63 0.00	39.37 -2.20 0.00	28.86 -1.60 0.00	11.27 -0.50 0.00	10.51 -0.37 0.00	12.77 -0.38 0.00	2.92 0.00 0.00	7.91 -0.03 0.00	26.52 -0.59 0.00	33.58 -1.07 0.00	53.26 -1.95 0.00	84.15 -3.57 0.00	105.25 -5.31 0.00	77.89 -3.68 0.00	71.00 -3.81 0.00	81.43 -4.18 0.00	79.54 -3.28 0.00	91.39 -2.42 0.00
DUNKIRK___4 23566	47.14 -2.45 0.00	40.39 -2.00 0.00	33.40 -2.01 0.00	34.39 -1.72 0.00	35.98 -1.69 0.00	44.83 -2.07 0.00	43.08 -2.63 0.00	39.37 -2.20 0.00	28.86 -1.60 0.00	11.27 -0.50 0.00	10.51 -0.37 0.00	12.77 -0.38 0.00	2.92 0.00 0.00	7.91 -0.03 0.00	26.52 -0.59 0.00	33.58 -1.07 0.00	53.26 -1.95 0.00	84.15 -3.57 0.00	105.25 -5.31 0.00	77.89 -3.68 0.00	71.00 -3.81 0.00	81.43 -4.18 0.00	79.54 -3.28 0.00	91.39 -2.42 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	51.25 1.66 0.00	43.72 1.33 0.00	36.38 0.97 0.00	37.03 0.92 0.00	38.57 0.90 0.00	48.26 1.37 0.00	47.28 1.57 0.00	43.14 1.57 0.00	31.44 0.99 0.00	12.18 0.41 0.00	11.31 0.44 0.00	13.67 0.51 0.00	3.10 0.18 0.00	8.45 0.51 0.00	28.62 1.51 0.00	36.53 1.88 0.00	57.83 2.62 0.00	91.89 4.16 0.00	115.96 5.40 0.00	85.65 4.08 0.00	78.06 3.26 0.00	89.31 3.69 0.00	86.35 3.53 0.00	97.19 3.38 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	51.12 1.53 0.00	43.63 1.24 0.00	36.34 0.93 0.00	37.00 0.89 0.00	38.55 0.88 0.00	48.21 1.31 0.00	47.24 1.52 0.00	43.07 1.50 0.00	31.36 0.91 0.00	12.12 0.34 0.00	11.22 0.34 0.00	13.54 0.39 0.00	3.07 0.14 0.00	8.35 0.41 0.00	28.30 1.19 0.00	36.13 1.48 0.00	57.39 2.18 0.00	91.55 3.83 0.00	115.63 5.07 0.00	85.40 3.82 0.00	77.84 3.03 0.00	89.07 3.46 0.00	86.10 3.28 0.00	96.93 3.12 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	51.24 1.65 0.00	43.78 1.39 0.00	36.44 1.03 0.00	37.07 0.96 0.00	38.61 0.94 0.00	48.32 1.42 0.00	47.24 1.53 0.00	43.15 1.58 0.00	31.50 1.04 0.00	12.24 0.46 -0.01	11.37 0.48 -0.01	13.73 0.57 0.00	3.13 0.19 -0.01	8.49 0.54 -0.01	28.75 1.64 -0.01	36.70 2.04 0.00	57.86 2.65 0.00	92.04 4.32 0.00	116.25 5.69 0.00	85.92 4.34 0.00	78.27 3.47 0.00	89.53 3.92 0.00	86.57 3.75 0.00	97.35 3.54 0.00
E179THST_13_KV_LOAD 356214	51.44 1.84 0.00	43.95 1.56 0.00	36.56 1.15 0.00	37.20 1.09 0.00	38.74 1.07 0.00	48.48 1.59 0.00	47.40 1.69 0.00	43.32 1.75 0.00	31.63 1.17 0.00	12.29 0.52 -0.01	11.41 0.53 -0.01	13.79 0.63 0.00	3.14 0.21 -0.01	8.53 0.58 -0.01	28.89 1.77 -0.01	36.87 2.22 0.00	58.15 2.94 0.00	92.51 4.78 0.00	116.83 6.27 0.00	86.34 4.77 0.00	78.65 3.85 0.00	89.98 4.36 0.00	86.98 4.16 0.00	97.81 4.00 0.00
EAST HAMPTON___GT 23717	50.81 1.22 0.00	43.50 1.11 0.00	36.37 0.96 0.00	36.88 0.76 0.00	38.49 0.82 0.00	48.36 1.46 0.00	47.42 1.72 0.00	43.26 1.70 0.00	31.34 0.88 0.00	12.04 0.27 0.00	11.10 0.22 0.00	13.40 0.25 0.00	3.03 0.11 0.00	8.28 0.34 0.00	28.22 1.11 0.00	36.22 1.58 0.00	58.10 2.89 0.00	126.62 5.72 -33.17	116.23 5.67 0.00	85.54 3.96 0.00	78.30 3.51 0.00	89.36 3.75 0.00	86.04 3.23 0.00	96.90 3.09 0.00
EAST RIVER___6 23660	51.21 1.62 0.00	43.69 1.30 0.00	36.32 0.91 0.00	36.95 0.84 0.00	38.49 0.82 0.00	48.17 1.28 0.00	47.21 1.50 0.00	43.13 1.57 0.00	31.45 1.00 0.00	12.21 0.44 0.00	11.36 0.49 0.00	13.73 0.58 0.00	3.12 0.19 0.00	8.49 0.55 0.00	28.75 1.64 0.00	36.67 2.02 0.00	58.03 2.81 0.00	92.14 4.41 0.00	116.17 5.62 0.00	85.87 4.30 0.00	78.22 3.42 0.00	89.45 3.84 0.00	86.49 3.67 0.00	97.33 3.53 0.00
EAST RIVER___7 23524	51.21 1.62 0.00	43.69 1.30 0.00	36.32 0.91 0.00	36.95 0.84 0.00	38.49 0.82 0.00	48.17 1.28 0.00	47.21 1.50 0.00	43.13 1.57 0.00	31.45 1.00 0.00	12.21 0.44 0.00	11.36 0.49 0.00	13.73 0.58 0.00	3.12 0.19 0.00	8.49 0.55 0.00	28.75 1.64 0.00	36.67 2.02 0.00	58.03 2.81 0.00	92.14 4.41 0.00	116.17 5.62 0.00	85.87 4.30 0.00	78.22 3.42 0.00	89.45 3.84 0.00	86.49 3.67 0.00	97.33 3.53 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	51.11 1.52 0.00	43.61 1.22 0.00	36.31 0.90 0.00	36.94 0.83 0.00	38.48 0.81 0.00	48.16 1.27 0.00	47.20 1.49 0.00	43.07 1.50 0.00	31.39 0.93 0.00	12.16 0.38 0.00	11.28 0.40 0.00	13.63 0.47 0.00	3.09 0.16 0.00	8.42 0.48 0.00	28.52 1.41 0.00	36.39 1.74 0.00	57.63 2.42 0.00	91.66 3.93 0.00	115.68 5.12 0.00	85.44 3.87 0.00	77.88 3.07 0.00	89.10 3.48 0.00	86.14 3.32 0.00	96.98 3.17 0.00
EAST_HAMPTON___DIESEL 23722	50.63 1.04 0.00	43.36 0.97 0.00	36.26 0.85 0.00	36.76 0.64 0.00	38.36 0.70 0.00	48.20 1.31 0.00	47.28 1.57 0.00	43.13 1.56 0.00	31.23 0.78 0.00	12.00 0.23 0.00	11.06 0.19 0.00	13.36 0.20 0.00	3.02 0.09 0.00	8.25 0.31 0.00	28.13 1.02 0.00	36.10 1.46 0.00	57.93 2.72 0.00	126.34 5.44 -33.17	115.86 5.31 0.00	85.27 3.70 0.00	78.05 3.25 0.00	89.05 3.44 0.00	85.74 2.92 0.00	96.59 2.78 0.00
EAST_POINT___SOLAR 323840	53.08 3.49 0.00	45.49 3.10 0.00	38.03 2.62 0.00	38.84 2.73 0.00	40.53 2.86 0.00	50.48 3.58 0.00	49.12 3.42 0.00	44.34 2.77 0.00	31.71 1.25 0.00	12.06 0.28 0.00	11.07 0.20 0.00	13.34 0.19 0.00	2.98 0.05 0.00	8.07 0.13 0.00	27.54 0.43 0.00	35.45 0.80 0.00	58.32 3.10 0.00	95.18 7.46 0.00	120.64 10.08 0.00	89.13 7.55 0.00	81.33 6.53 0.00	93.04 7.43 0.00	89.77 6.95 0.00	101.54 7.73 0.00
EAST_PULASKI___ESR 323781	49.85 0.26 0.00	42.70 0.30 0.00	35.72 0.31 0.00	36.47 0.35 0.00	38.06 0.39 0.00	47.27 0.38 0.00	46.08 0.38 0.00	42.01 0.44 0.00	30.63 0.18 0.00	11.80 0.03 0.00	10.90 0.02 0.00	13.16 0.01 0.00	2.94 0.01 0.00	7.97 0.02 0.00	27.09 -0.02 0.00	34.49 -0.15 0.00	55.37 0.15 0.00	89.40 1.67 0.00	113.25 2.69 0.00	83.37 1.80 0.00	75.80 1.00 0.00	86.80 1.18 0.00	83.83 1.01 0.00	94.91 1.11 0.00
EAST_RIVER___1 323558	51.20 1.61 0.00	43.69 1.30 0.00	36.31 0.90 0.00	36.96 0.85 0.00	38.50 0.83 0.00	48.17 1.28 0.00	47.22 1.51 0.00	43.14 1.57 0.00	31.45 1.00 0.00	12.21 0.44 0.00	11.36 0.49 0.00	13.73 0.57 0.00	3.12 0.19 0.00	8.49 0.55 0.00	28.75 1.63 0.00	36.67 2.02 0.00	57.99 2.78 0.00	92.09 4.36 0.00	116.15 5.59 0.00	85.83 4.26 0.00	78.19 3.38 0.00	89.43 3.81 0.00	86.47 3.65 0.00	97.33 3.52 0.00
EAST_RIVER___2 323559	51.21 1.62 0.00	43.69 1.30 0.00	36.32 0.91 0.00	36.95 0.84 0.00	38.49 0.82 0.00	48.17 1.28 0.00	47.21 1.50 0.00	43.13 1.57 0.00	31.45 1.00 0.00	12.21 0.44 0.00	11.36 0.49 0.00	13.73 0.58 0.00	3.12 0.19 0.00	8.49 0.55 0.00	28.75 1.64 0.00	36.67 2.02 0.00	58.03 2.81 0.00	92.14 4.41 0.00	116.17 5.62 0.00	85.87 4.30 0.00	78.22 3.42 0.00	89.45 3.84 0.00	86.49 3.67 0.00	97.33 3.53 0.00
EAST___DELAWARE_HYD 23607	50.81 1.22 0.00	43.37 0.98 0.00	36.13 0.72 0.00	36.79 0.68 0.00	38.34 0.67 0.00	47.96 1.07 0.00	46.97 1.26 0.00	42.81 1.25 0.00	31.13 0.68 0.00	12.00 0.22 0.00	11.08 0.21 0.00	13.38 0.22 0.00	3.03 0.10 0.00	8.22 0.28 0.00	27.89 0.78 0.00	35.68 1.03 0.00	56.84 1.62 0.00	90.88 3.16 0.00	114.85 4.29 0.00	84.91 3.34 0.00	77.46 2.66 0.00	88.57 2.95 0.00	85.56 2.74 0.00	96.25 2.44 0.00
EIGHT_POINT___WT_PWR 323820	45.91 -3.68 0.00	39.79 -2.61 0.00	32.70 -2.70 0.00	33.40 -2.71 0.00	34.94 -2.73 0.00	43.59 -3.30 0.00	42.52 -3.19 0.00	39.14 -2.43 0.00	28.52 -1.94 0.00	10.92 -0.85 0.00	10.12 -0.75 0.00	12.35 -0.81 0.00	2.82 -0.10 0.00	7.64 -0.30 0.00	25.73 -1.38 0.00	32.84 -1.81 0.00	52.64 -2.58 0.00	84.19 -3.54 0.00	105.98 -4.58 0.00	78.50 -3.07 0.00	71.58 -3.22 0.00	81.58 -4.03 0.00	79.61 -3.21 0.00	91.77 -2.04 0.00
ELBRIDGE_115KV_TB2 80188	48.58 -1.01 0.00	41.51 -0.88 0.00	34.72 -0.69 0.00	35.39 -0.72 0.00	36.93 -0.74 0.00	45.94 -0.95 0.00	44.76 -0.95 0.00	40.81 -0.76 0.00	29.97 -0.48 0.00	11.59 -0.18 0.00	10.72 -0.16 0.00	12.95 -0.20 0.00	2.91 -0.02 0.00	7.90 -0.05 0.00	26.83 -0.28 0.00	34.17 -0.48 0.00	54.47 -0.75 0.00	86.60 -1.13 0.00	109.07 -1.48 0.00	80.51 -1.06 0.00	73.66 -1.15 0.00	84.25 -1.36 0.00	81.56 -1.26 0.00	92.24 -1.57 0.00
ELEC_TRO_TEK 24086	51.53 1.94 0.00	44.03 1.64 0.00	36.66 1.25 0.00	37.29 1.18 0.00	38.81 1.15 0.00	48.64 1.75 0.00	47.68 1.98 0.00	43.51 1.94 0.00	31.69 1.24 0.00	12.28 0.51 0.00	11.38 0.50 0.00	13.74 0.59 0.00	3.12 0.19 0.00	8.51 0.56 0.00	28.83 1.72 0.00	36.86 2.21 0.00	58.41 3.19 0.00	126.20 5.30 -33.17	117.15 6.60 0.00	86.39 4.82 0.00	78.84 4.04 0.00	90.14 4.52 0.00	87.05 4.23 0.00	98.05 4.24 0.00

ELLENBURG_WT_PWR 323604	44.31 -0.13 5.15	42.46 0.07 0.00	35.44 0.04 0.00	36.27 0.16 0.00	38.01 0.35 0.00	47.16 0.27 0.00	45.71 0.00 0.00	41.40 -0.16 0.00	30.40 -0.05 0.00	11.80 0.03 0.00	10.84 -0.03 0.00	13.15 0.00 0.00	2.87 -0.06 0.00	7.73 -0.21 0.00	26.52 -0.59 0.00	33.94 -0.70 0.00	54.52 -0.69 0.00	86.75 -0.98 0.00	109.91 -0.65 0.00	80.42 -1.16 0.00	74.29 -0.51 0.00	84.87 -0.75 0.00	82.16 -0.66 0.00	93.72 -0.09 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	46.63 -2.96 0.00	39.96 -2.43 0.00	33.03 -2.38 0.00	33.98 -2.13 0.00	35.49 -2.18 0.00	44.08 -2.81 0.00	42.16 -3.55 0.00	38.55 -3.02 0.00	28.36 -2.09 0.00	11.12 -0.66 0.00	10.36 -0.51 0.00	12.59 -0.57 0.00	2.89 -0.04 0.00	7.81 -0.13 0.00	26.21 -0.90 0.00	33.13 -1.52 0.00	52.32 -2.89 0.00	82.67 -5.06 0.00	103.33 -7.22 0.00	76.44 -5.13 0.00	69.70 -5.11 0.00	79.71 -5.90 0.00	78.14 -4.68 0.00	89.93 -3.88 0.00
EMPIRE_CC_1 323656	50.39 0.80 0.00	42.98 0.59 0.00	35.96 0.55 0.00	36.60 0.49 0.00	38.07 0.41 0.00	47.47 0.57 0.00	46.51 0.80 0.00	42.27 0.70 0.00	30.89 0.43 0.00	11.91 0.13 0.00	11.01 0.13 0.00	13.29 0.13 0.00	2.99 0.06 0.00	8.14 0.20 0.00	27.78 0.67 0.00	35.43 0.78 0.00	56.55 1.33 0.00	89.77 2.04 0.00	113.37 2.82 0.00	83.77 2.19 0.00	76.82 2.02 0.00	87.97 2.35 0.00	85.06 2.24 0.00	95.98 2.17 0.00
EMPIRE_CC_2 323658	50.39 0.80 0.00	42.98 0.59 0.00	35.96 0.55 0.00	36.60 0.49 0.00	38.07 0.41 0.00	47.47 0.57 0.00	46.51 0.80 0.00	42.27 0.70 0.00	30.89 0.43 0.00	11.91 0.13 0.00	11.01 0.13 0.00	13.29 0.13 0.00	2.99 0.06 0.00	8.14 0.20 0.00	27.78 0.67 0.00	35.43 0.78 0.00	56.55 1.33 0.00	89.77 2.04 0.00	113.37 2.82 0.00	83.77 2.19 0.00	76.82 2.02 0.00	87.97 2.35 0.00	85.06 2.24 0.00	95.98 2.17 0.00
ENORWICH_115KV_TB1 80156	50.71 1.12 0.00	43.52 1.13 0.00	36.26 0.86 0.00	37.26 1.15 0.00	38.96 1.30 0.00	48.75 1.85 0.00	47.95 2.24 0.00	44.03 2.46 0.00	32.06 1.61 0.00	12.19 0.42 0.00	11.08 0.20 0.00	13.26 0.11 0.00	3.00 0.07 0.00	8.09 0.14 0.00	27.45 0.34 0.00	35.14 0.49 0.00	57.63 2.42 0.00	94.01 6.28 0.00	120.03 9.47 0.00	89.11 7.53 0.00	80.87 6.06 0.00	92.22 6.60 0.00	89.65 6.83 0.00	100.59 6.78 0.00
ERIE_ST_34_KV_TB1-2 80199	47.80 -1.79 0.00	40.97 -1.42 0.00	33.87 -1.54 0.00	34.82 -1.29 0.00	36.35 -1.31 0.00	45.17 -1.73 0.00	43.20 -2.51 0.00	39.47 -2.10 0.00	29.01 -1.44 0.00	11.35 -0.43 0.00	10.60 -0.28 0.00	12.88 -0.27 0.00	2.96 0.03 0.00	7.99 0.05 0.00	26.83 -0.28 0.00	33.93 -0.72 0.00	53.68 -1.53 0.00	84.72 -3.01 0.00	105.97 -4.59 0.00	78.37 -3.21 0.00	71.44 -3.37 0.00	81.78 -3.83 0.00	80.13 -2.69 0.00	92.11 -1.70 0.00
ERIE_WT_PWR 323693	47.05 -2.54 0.00	40.32 -2.07 0.00	33.31 -2.10 0.00	34.27 -1.84 0.00	35.80 -1.87 0.00	44.50 -2.40 0.00	42.57 -3.14 0.00	38.91 -2.66 0.00	28.60 -1.85 0.00	11.21 -0.56 0.00	10.44 -0.43 0.00	12.68 -0.47 0.00	2.91 -0.01 0.00	7.88 -0.07 0.00	26.39 -0.72 0.00	33.38 -1.27 0.00	52.81 -2.40 0.00	83.44 -4.28 0.00	104.32 -6.24 0.00	77.18 -4.39 0.00	70.36 -4.45 0.00	80.48 -5.13 0.00	78.87 -3.95 0.00	90.76 -3.05 0.00
ESPRGFLD_115KV_TB1 80157	51.50 1.91 0.00	44.24 1.84 0.00	36.96 1.55 0.00	37.78 1.66 0.00	39.43 1.77 0.00	49.06 2.16 0.00	47.73 2.03 0.00	43.48 1.92 0.00	31.77 1.31 0.00	12.28 0.51 0.00	11.36 0.49 0.00	13.72 0.56 0.00	3.06 0.13 0.00	8.28 0.34 0.00	28.17 1.06 0.00	36.03 1.39 0.00	57.61 2.40 0.00	92.15 4.43 0.00	116.35 5.79 0.00	85.95 4.37 0.00	78.55 3.74 0.00	89.91 4.29 0.00	87.01 4.19 0.00	98.56 4.75 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	49.81 0.22 0.00	42.59 0.20 0.00	35.54 0.13 0.00	36.29 0.17 0.00	37.87 0.20 0.00	47.19 0.30 0.00	46.05 0.34 0.00	42.03 0.46 0.00	30.75 0.30 0.00	11.85 0.07 0.00	10.90 0.03 0.00	13.16 0.00 0.00	2.97 0.04 0.00	8.04 0.10 0.00	27.30 0.20 0.00	34.88 0.23 0.00	55.94 0.72 0.00	89.29 1.57 0.00	112.74 2.18 0.00	83.28 1.71 0.00	75.99 1.19 0.00	86.92 1.30 0.00	84.15 1.33 0.00	95.18 1.37 0.00
ETNA____115KV_TB2 80207	49.81 0.22 0.00	42.59 0.20 0.00	35.54 0.13 0.00	36.29 0.17 0.00	37.87 0.20 0.00	47.19 0.30 0.00	46.05 0.34 0.00	42.03 0.46 0.00	30.75 0.30 0.00	11.85 0.07 0.00	10.90 0.03 0.00	13.16 0.00 0.00	2.97 0.04 0.00	8.04 0.10 0.00	27.30 0.20 0.00	34.88 0.23 0.00	55.94 0.72 0.00	89.29 1.57 0.00	112.74 2.18 0.00	83.28 1.71 0.00	75.99 1.19 0.00	86.92 1.30 0.00	84.15 1.33 0.00	95.18 1.37 0.00
EUCLID____115KV_TB2 356179	48.23 -1.36 0.00	41.23 -1.16 0.00	34.50 -0.91 0.00	35.20 -0.91 0.00	36.68 -0.99 0.00	45.60 -1.29 0.00	44.43 -1.28 0.00	40.49 -1.08 0.00	29.75 -0.70 0.00	11.51 -0.26 0.00	10.65 -0.22 0.00	12.87 -0.28 0.00	2.89 -0.03 0.00	7.86 -0.09 0.00	26.68 -0.43 0.00	34.00 -0.65 0.00	54.06 -1.15 0.00	86.02 -1.70 0.00	108.43 -2.13 0.00	80.02 -1.56 0.00	73.11 -1.69 0.00	83.64 -1.98 0.00	80.96 -1.86 0.00	91.69 -2.12 0.00
E_CANADA_CAP_HY 24051	52.08 2.49 0.00	44.74 2.35 0.00	37.43 2.02 0.00	38.25 2.14 0.00	39.93 2.26 0.00	49.61 2.72 0.00	48.17 2.46 0.00	43.71 2.15 0.00	31.73 1.28 0.00	12.22 0.45 0.00	11.28 0.41 0.00	13.62 0.46 0.00	3.02 0.10 0.00	8.17 0.23 0.00	27.92 0.81 0.00	35.78 1.13 0.00	57.60 2.38 0.00	92.84 5.12 0.00	117.32 6.76 0.00	86.66 5.08 0.00	79.27 4.46 0.00	90.93 5.31 0.00	87.89 5.07 0.00	99.64 5.83 0.00
E_CANADA_MHWK_HY 24050	49.64 0.04 0.00	42.31 -0.08 0.00	35.33 -0.08 0.00	35.95 -0.16 0.00	37.51 -0.15 0.00	46.93 0.04 0.00	46.06 0.35 0.00	41.68 0.12 0.00	29.84 -0.62 0.00	11.32 -0.45 0.00	10.43 -0.44 0.00	12.59 -0.56 0.00	2.86 -0.07 0.00	7.76 -0.19 0.00	26.35 -0.76 0.00	33.96 -0.69 0.00	55.51 0.30 0.00	89.29 1.56 0.00	113.50 2.95 0.00	84.10 2.52 0.00	76.66 1.86 0.00	87.89 2.27 0.00	84.91 2.09 0.00	95.37 1.56 0.00
E_FISHKILL____LBMP 23776	50.95 1.36 0.00	43.46 1.07 0.00	36.20 0.79 0.00	36.85 0.74 0.00	38.40 0.73 0.00	48.02 1.13 0.00	47.05 1.34 0.00	42.88 1.31 0.00	31.26 0.80 0.00	12.08 0.31 0.00	11.20 0.32 0.00	13.52 0.36 0.00	3.06 0.13 0.00	8.33 0.39 0.00	28.27 1.16 0.00	36.07 1.42 0.00	57.26 2.05 0.00	91.19 3.46 0.00	115.19 4.63 0.00	85.08 3.51 0.00	77.60 2.80 0.00	88.80 3.19 0.00	85.85 3.03 0.00	96.66 2.85 0.00
FALCON____SEABRD_CC1 323796	43.20 -0.49 5.90	42.45 0.05 0.00	35.43 0.02 0.00	36.24 0.12 0.00	38.07 0.40 0.00	47.15 0.26 0.00	45.68 -0.03 0.00	41.37 -0.20 0.00	30.39 -0.07 0.00	11.83 0.06 0.00	10.83 -0.04 0.00	13.13 -0.02 0.00	2.88 -0.05 0.00	7.75 -0.19 0.00	26.41 -0.70 0.00	33.68 -0.97 0.00	54.35 -0.86 0.00	86.10 -1.62 0.00	109.86 -0.70 0.00	79.90 -1.67 0.00	73.91 -0.89 0.00	84.42 -1.20 0.00	81.99 -0.84 0.00	93.37 -0.43 0.00

FALCON___SEABRD_CC2 323797	43.20 -0.49 5.90	42.45 0.05 0.00	35.43 0.02 0.00	36.24 0.12 0.00	38.07 0.40 0.00	47.15 0.26 0.00	45.68 -0.03 0.00	41.37 -0.20 0.00	30.39 -0.07 0.00	11.83 0.06 0.00	10.83 -0.04 0.00	13.13 -0.02 0.00	2.88 -0.05 0.00	7.75 -0.19 0.00	26.41 -0.70 0.00	33.68 -0.97 0.00	54.35 -0.86 0.00	86.10 -1.62 0.00	109.86 -0.70 0.00	79.90 -1.67 0.00	73.91 -0.89 0.00	84.42 -1.20 0.00	81.99 -0.84 0.00	93.37 -0.43 0.00
FAR ROCKAWAY___4 23548	52.15 2.56 0.00	44.55 2.16 0.00	37.09 1.68 0.00	37.73 1.62 0.00	39.27 1.61 0.00	49.22 2.33 0.00	48.23 2.52 0.00	43.97 2.40 0.00	32.03 1.58 0.00	12.42 0.64 0.00	11.52 0.64 0.00	13.91 0.76 0.00	3.16 0.23 0.00	8.61 0.67 0.00	29.20 2.09 0.00	37.35 2.69 -0.01	59.23 4.01 0.00	127.53 6.64 -33.17	118.90 8.34 0.00	87.68 6.10 0.00	79.97 5.16 0.00	91.39 5.78 0.00	88.20 5.38 0.00	99.30 5.50 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	51.23 1.64 0.00	43.71 1.32 0.00	36.34 0.94 0.00	37.00 0.89 0.00	38.53 0.87 0.00	48.22 1.33 0.00	47.26 1.55 0.00	43.18 1.61 0.00	31.48 1.03 0.00	12.22 0.45 0.00	11.37 0.50 0.00	13.74 0.59 0.00	3.12 0.20 0.00	8.50 0.56 0.00	28.77 1.66 0.00	36.70 2.06 0.00	58.05 2.83 0.00	92.15 4.42 0.00	116.21 5.65 0.00	85.90 4.32 0.00	78.23 3.43 0.00	89.47 3.86 0.00	86.53 3.71 0.00	97.38 3.57 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	51.26 1.67 0.00	43.73 1.34 0.00	36.37 0.96 0.00	37.01 0.90 0.00	38.55 0.89 0.00	48.25 1.35 0.00	47.28 1.57 0.00	43.20 1.64 0.00	31.50 1.05 0.00	12.22 0.45 0.00	11.38 0.51 0.00	13.75 0.59 0.00	3.12 0.20 0.00	8.50 0.56 0.00	28.78 1.67 0.00	36.71 2.06 0.00	58.06 2.85 0.00	92.20 4.47 0.00	116.31 5.75 0.00	85.95 4.38 0.00	78.29 3.49 0.00	89.54 3.92 0.00	86.57 3.75 0.00	97.43 3.62 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	51.21 1.62 0.00	43.69 1.30 0.00	36.33 0.92 0.00	36.98 0.86 0.00	38.52 0.85 0.00	48.20 1.31 0.00	47.24 1.53 0.00	43.16 1.59 0.00	31.47 1.02 0.00	12.21 0.44 0.00	11.37 0.50 0.00	13.73 0.58 0.00	3.12 0.19 0.00	8.49 0.55 0.00	28.75 1.64 0.00	36.67 2.02 0.00	58.00 2.79 0.00	92.09 4.36 0.00	116.16 5.60 0.00	85.84 4.27 0.00	78.20 3.40 0.00	89.43 3.81 0.00	86.49 3.67 0.00	97.33 3.52 0.00
FARRAGUT___LBMP 323566	51.17 1.58 0.00	43.65 1.26 0.00	36.31 0.90 0.00	36.95 0.84 0.00	38.49 0.82 0.00	48.17 1.27 0.00	47.21 1.50 0.00	43.13 1.57 0.00	31.45 0.99 0.00	12.21 0.43 0.00	11.36 0.48 0.00	13.72 0.57 0.00	3.12 0.19 0.00	8.48 0.54 0.00	28.73 1.62 0.00	36.65 2.00 0.00	57.95 2.74 0.00	92.01 4.28 0.00	116.07 5.51 0.00	85.77 4.19 0.00	78.14 3.33 0.00	89.35 3.74 0.00	86.41 3.59 0.00	97.24 3.43 0.00
FENNER___WINDPWR 24204	50.04 0.45 0.00	42.78 0.38 0.00	35.73 0.31 0.00	36.50 0.39 0.00	38.13 0.46 0.00	47.48 0.59 0.00	46.40 0.69 0.00	42.36 0.80 0.00	30.99 0.53 0.00	11.92 0.14 0.00	11.00 0.13 0.00	13.27 0.12 0.00	2.97 0.04 0.00	8.05 0.11 0.00	27.37 0.26 0.00	35.06 0.42 0.00	56.17 0.95 0.00	89.76 2.03 0.00	113.45 2.89 0.00	83.70 2.12 0.00	76.30 1.50 0.00	87.34 1.73 0.00	84.53 1.71 0.00	95.59 1.79 0.00
FIBERTEK___ENERGY 23856	49.04 -0.55 0.00	41.91 -0.48 0.00	35.05 -0.36 0.00	35.76 -0.36 0.00	37.29 -0.38 0.00	46.39 -0.51 0.00	45.20 -0.51 0.00	41.21 -0.35 0.00	30.27 -0.19 0.00	11.70 -0.07 0.00	10.82 -0.05 0.00	13.08 -0.08 0.00	2.94 0.01 0.00	7.97 0.03 0.00	27.09 -0.02 0.00	34.54 -0.11 0.00	55.02 -0.19 0.00	87.61 -0.12 0.00	110.42 -0.14 0.00	81.48 -0.10 0.00	74.42 -0.39 0.00	85.13 -0.48 0.00	82.35 -0.47 0.00	93.17 -0.64 0.00
FITZPATRICK____ 23598	47.57 -2.02 0.00	40.68 -1.72 0.00	34.08 -1.33 0.00	34.75 -1.36 0.00	36.22 -1.45 0.00	44.98 -1.91 0.00	43.82 -1.90 0.00	39.92 -1.65 0.00	29.36 -1.09 0.00	11.36 -0.41 0.00	10.51 -0.37 0.00	12.70 -0.45 0.00	2.85 -0.08 0.00	7.72 -0.22 0.00	26.28 -0.83 0.00	33.48 -1.17 0.00	53.19 -2.03 0.00	84.56 -3.17 0.00	106.58 -3.98 0.00	78.66 -2.92 0.00	71.96 -2.84 0.00	82.32 -3.30 0.00	79.70 -3.12 0.00	90.29 -3.52 0.00
FLOWRFLD_69_KV_BK1 356044	52.13 2.54 0.00	44.58 2.19 0.00	37.14 1.73 0.00	37.73 1.61 0.00	39.29 1.62 0.00	49.32 2.42 0.00	48.38 2.67 0.00	44.15 2.59 0.00	32.09 1.64 0.00	12.38 0.60 0.00	11.42 0.55 0.00	13.75 0.60 0.00	3.12 0.19 0.00	8.53 0.58 0.00	28.97 1.86 0.00	37.16 2.52 0.00	59.14 3.93 0.00	127.89 6.99 -33.17	118.75 8.19 0.00	87.50 5.93 0.00	80.02 5.21 0.00	91.38 5.76 0.00	88.09 5.27 0.00	99.24 5.43 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	51.67 2.08 0.00	44.09 1.70 0.00	36.71 1.30 0.00	37.37 1.26 0.00	38.95 1.29 0.00	48.72 1.83 0.00	47.74 2.03 0.00	43.52 1.95 0.00	31.69 1.23 0.00	12.24 0.47 0.00	11.33 0.46 0.00	13.68 0.52 0.00	3.10 0.17 0.00	8.43 0.49 0.00	28.60 1.49 0.00	36.54 1.90 0.00	58.10 2.89 0.00	92.75 5.02 0.00	117.16 6.60 0.00	86.54 4.96 0.00	78.89 4.09 0.00	90.23 4.61 0.00	87.18 4.36 0.00	98.10 4.29 0.00
FORT ORANGE____ 23900	50.92 1.33 0.00	43.46 1.08 0.00	36.28 0.87 0.00	36.94 0.83 0.00	38.46 0.79 0.00	47.89 1.00 0.00	46.66 0.95 0.00	42.30 0.73 0.00	30.82 0.36 0.00	11.85 0.08 0.00	10.94 0.06 0.00	13.19 0.04 0.00	2.97 0.04 0.00	8.07 0.13 0.00	27.50 0.39 0.00	35.16 0.51 0.00	56.14 0.93 0.00	89.60 1.88 0.00	113.37 2.82 0.00	83.71 2.13 0.00	76.64 1.83 0.00	87.83 2.21 0.00	85.05 2.23 0.00	96.84 3.03 0.00
FORT_DRUM_COGEN 23780	51.60 2.01 0.00	44.38 1.99 0.00	37.14 1.73 0.00	37.96 1.85 0.00	39.73 2.07 0.00	49.36 2.47 0.00	48.28 2.58 0.00	43.90 2.33 0.00	31.51 1.05 0.00	12.02 0.25 0.00	11.00 0.13 0.00	13.26 0.10 0.00	2.92 -0.01 0.00	7.85 -0.09 0.00	26.84 -0.27 0.00	34.28 -0.36 0.00	56.01 0.79 0.00	93.03 5.31 0.00	119.01 8.45 0.00	87.15 5.57 0.00	78.70 3.90 0.00	90.57 4.95 0.00	87.25 4.43 0.00	98.48 4.68 0.00
FOX_HILLS___ESR 323835	60.36 1.94 -8.82	60.21 1.55 -16.27	58.95 1.19 -22.35	58.98 1.08 -21.79	59.00 1.00 -20.33	61.49 1.55 -13.04	58.18 1.67 -10.79	58.16 1.74 -14.85	58.05 1.13 -26.46	54.64 0.54 -42.33	64.04 0.58 -52.59	60.24 0.67 -46.41	60.19 0.23 -57.04	60.20 0.64 -51.62	60.28 1.87 -31.30	60.34 2.27 -23.42	63.70 3.04 -5.45	92.39 4.66 0.00	115.44 6.06 1.17	147.87 4.77 -61.53	333.75 3.86 -255.09	265.98 4.37 -176.00	385.50 4.29 -298.39	385.33 4.22 -287.30
FPL FAR_ROCK_GT1 24212	52.15 2.56 0.00	44.55 2.16 0.00	37.09 1.68 0.00	37.73 1.62 0.00	39.27 1.60 0.00	49.22 2.33 0.00	48.23 2.52 0.00	43.96 2.39 0.00	32.03 1.58 0.00	12.42 0.64 0.00	11.52 0.64 0.00	13.91 0.76 0.00	3.16 0.23 0.00	8.61 0.67 0.00	29.20 2.09 0.00	37.35 2.70 -0.01	59.23 4.01 0.00	127.54 6.64 -33.17	118.90 8.35 0.00	87.67 6.10 0.00	79.97 5.17 0.00	91.39 5.77 0.00	88.19 5.37 0.00	99.30 5.49 0.00



FPL FAR_ROCK_GT2 23815	52.15 2.56 0.00	44.55 2.16 0.00	37.09 1.68 0.00	37.73 1.62 0.00	39.27 1.60 0.00	49.22 2.33 0.00	48.23 2.52 0.00	43.96 2.39 0.00	32.03 1.58 0.00	12.42 0.64 0.00	11.52 0.64 0.00	13.91 0.76 0.00	3.16 0.23 0.00	8.61 0.67 0.00	29.20 2.09 0.00	37.35 2.70 -0.01	59.23 4.01 0.00	127.54 6.64 -33.17	118.90 8.35 0.00	87.67 6.10 0.00	79.97 5.17 0.00	91.39 5.77 0.00	88.19 5.37 0.00	99.30 5.49 0.00
FRANKLIN_FALL_HYD 24054	51.47 1.57 -0.32	43.84 1.45 0.00	36.59 1.18 0.00	37.43 1.32 0.00	39.22 1.55 0.00	48.68 1.78 0.00	47.12 1.41 0.00	42.71 1.15 0.00	31.37 0.91 0.00	12.15 0.38 0.00	11.18 0.30 0.00	13.56 0.41 0.00	2.94 0.01 0.00	7.92 -0.02 0.00	27.20 0.09 0.00	34.83 0.18 0.00	55.98 0.77 0.00	89.28 1.56 0.00	112.90 2.34 0.00	82.84 1.27 0.00	76.45 1.65 0.00	87.40 1.78 0.00	84.54 1.73 0.00	96.39 2.58 0.00
FREEPORT_EQUS_GT1 23764	51.78 2.18 0.00	44.26 1.87 0.00	36.84 1.43 0.00	37.45 1.34 0.00	39.00 1.33 0.00	48.89 2.00 0.00	47.92 2.21 0.00	43.72 2.15 0.00	31.84 1.39 0.00	12.33 0.55 0.00	11.41 0.54 0.00	13.77 0.62 0.00	3.13 0.20 0.00	8.53 0.59 0.00	28.93 1.81 0.00	37.03 2.38 0.00	58.71 3.50 0.00	126.79 5.89 -33.17	117.92 7.36 0.00	86.95 5.37 0.00	79.34 4.53 0.00	90.66 5.04 0.00	87.50 4.68 0.00	98.56 4.75 0.00
FREEPORT___CT2 23818	51.78 2.18 0.00	44.26 1.87 0.00	36.84 1.43 0.00	37.45 1.34 0.00	39.00 1.33 0.00	48.89 2.00 0.00	47.92 2.21 0.00	43.72 2.15 0.00	31.84 1.39 0.00	12.33 0.55 0.00	11.41 0.54 0.00	13.77 0.62 0.00	3.13 0.20 0.00	8.53 0.59 0.00	28.93 1.81 0.00	37.03 2.38 0.00	58.71 3.50 0.00	126.79 5.89 -33.17	117.92 7.36 0.00	86.95 5.37 0.00	79.34 4.53 0.00	90.66 5.04 0.00	87.50 4.68 0.00	98.56 4.75 0.00
FRESHKLS_33_KV_LOAD 356253	60.37 1.96 -8.82	60.19 1.53 -16.27	58.91 1.15 -22.35	58.92 1.02 -21.79	58.91 0.91 -20.33	61.42 1.48 -13.04	58.13 1.62 -10.79	58.11 1.69 -14.85	58.01 1.09 -26.46	54.63 0.53 -42.33	64.02 0.56 -52.59	60.21 0.64 -46.41	60.19 0.22 -57.04	60.20 0.63 -51.62	60.22 1.81 -31.30	60.25 2.18 -23.42	63.57 2.91 -5.45	92.26 4.53 0.00	115.42 5.91 1.06	147.81 4.71 -61.53	333.69 3.79 -255.09	265.92 4.31 -176.00	385.46 4.25 -298.39	385.28 4.17 -287.30
FULTON COGEN____ 23766	49.29 -0.31 0.00	42.14 -0.25 0.00	35.23 -0.18 0.00	35.97 -0.14 0.00	37.51 -0.16 0.00	46.63 -0.26 0.00	45.45 -0.25 0.00	41.45 -0.11 0.00	30.40 -0.06 0.00	11.75 -0.03 0.00	10.87 -0.01 0.00	13.13 -0.02 0.00	2.95 0.02 0.00	8.00 0.06 0.00	27.18 0.07 0.00	34.67 0.02 0.00	55.32 0.10 0.00	88.38 0.66 0.00	111.58 1.02 0.00	82.23 0.66 0.00	74.97 0.17 0.00	85.71 0.10 0.00	82.86 0.04 0.00	93.82 0.01 0.00
FULTON___LFGE 323630	52.42 2.83 0.00	44.91 2.52 0.00	37.53 2.12 0.00	38.28 2.17 0.00	39.96 2.29 0.00	49.76 2.86 0.00	48.44 2.74 0.00	43.75 2.19 0.00	31.37 0.91 0.00	11.99 0.22 0.00	11.05 0.17 0.00	13.30 0.15 0.00	2.98 0.05 0.00	8.05 0.11 0.00	27.49 0.38 0.00	35.33 0.68 0.00	57.72 2.51 0.00	93.74 6.01 0.00	118.67 8.12 0.00	87.67 6.10 0.00	80.06 5.25 0.00	91.64 6.02 0.00	88.50 5.68 0.00	100.08 6.27 0.00
G.F.CEMENT___DRP 24184	54.13 4.54 0.00	46.08 3.69 0.00	38.43 3.02 0.00	39.11 3.00 0.00	40.84 3.18 0.00	51.04 4.14 0.00	50.01 4.30 0.00	45.27 3.70 0.00	32.79 2.33 0.00	12.57 0.80 0.00	11.54 0.67 0.00	13.94 0.78 0.00	3.13 0.21 0.00	8.55 0.61 0.00	29.20 2.09 0.00	37.40 2.76 0.00	60.59 5.38 0.00	97.84 10.11 0.00	123.77 13.21 0.00	91.26 9.69 0.00	83.29 8.48 0.00	95.20 9.58 0.00	91.70 8.88 0.00	103.25 9.44 0.00
GARDENVILLE___LBMP 24039	46.82 -2.77 0.00	40.15 -2.24 0.00	33.17 -2.24 0.00	34.13 -1.98 0.00	35.65 -2.01 0.00	44.32 -2.58 0.00	42.40 -3.30 0.00	38.76 -2.81 0.00	28.50 -1.95 0.00	11.17 -0.61 0.00	10.40 -0.47 0.00	12.64 -0.52 0.00	2.90 -0.03 0.00	7.84 -0.10 0.00	26.31 -0.80 0.00	33.26 -1.38 0.00	52.59 -2.63 0.00	83.11 -4.61 0.00	103.89 -6.67 0.00	76.86 -4.71 0.00	70.06 -4.74 0.00	80.17 -5.45 0.00	78.56 -4.26 0.00	90.40 -3.41 0.00
GARDNVLA_35_KV_LD 355827	47.08 -2.52 0.00	40.34 -2.05 0.00	33.33 -2.08 0.00	34.29 -1.82 0.00	35.81 -1.86 0.00	44.53 -2.37 0.00	42.61 -3.10 0.00	38.94 -2.63 0.00	28.65 -1.81 0.00	11.22 -0.55 0.00	10.46 -0.41 0.00	12.70 -0.45 0.00	2.92 -0.01 0.00	7.89 -0.06 0.00	26.46 -0.65 0.00	33.45 -1.20 0.00	52.90 -2.32 0.00	83.59 -4.13 0.00	104.52 -6.03 0.00	77.30 -4.27 0.00	70.47 -4.33 0.00	80.58 -5.04 0.00	78.95 -3.87 0.00	90.86 -2.95 0.00
GELCKHM___115KV_LOAD 80723	48.51 -1.08 0.00	41.47 -0.92 0.00	34.70 -0.71 0.00	35.40 -0.71 0.00	36.89 -0.78 0.00	45.87 -1.03 0.00	44.70 -1.01 0.00	40.74 -0.82 0.00	29.93 -0.53 0.00	11.58 -0.20 0.00	10.71 -0.17 0.00	12.94 -0.21 0.00	2.91 -0.02 0.00	7.90 -0.05 0.00	26.82 -0.29 0.00	34.18 -0.46 0.00	54.39 -0.82 0.00	86.57 -1.16 0.00	109.10 -1.46 0.00	80.51 -1.07 0.00	73.56 -1.24 0.00	84.15 -1.46 0.00	81.43 -1.39 0.00	92.19 -1.62 0.00
GENERAL___MILLS 23808	47.01 -2.59 0.00	40.29 -2.10 0.00	33.29 -2.12 0.00	34.25 -1.86 0.00	35.77 -1.90 0.00	44.46 -2.43 0.00	42.54 -3.17 0.00	38.89 -2.68 0.00	28.60 -1.86 0.00	11.20 -0.57 0.00	10.44 -0.43 0.00	12.68 -0.47 0.00	2.91 -0.02 0.00	7.87 -0.07 0.00	26.41 -0.71 0.00	33.38 -1.27 0.00	52.78 -2.43 0.00	83.41 -4.32 0.00	104.28 -6.27 0.00	77.11 -4.46 0.00	70.32 -4.48 0.00	80.44 -5.18 0.00	78.82 -4.00 0.00	90.70 -3.11 0.00
GE_PLASTICS___DRP 24183	50.56 0.97 0.00	43.16 0.77 0.00	36.02 0.61 0.00	36.69 0.58 0.00	38.24 0.58 0.00	47.68 0.79 0.00	46.61 0.91 0.00	42.33 0.76 0.00	30.88 0.43 0.00	11.91 0.13 0.00	11.00 0.12 0.00	13.28 0.12 0.00	2.99 0.06 0.00	8.13 0.18 0.00	27.66 0.55 0.00	35.33 0.68 0.00	56.35 1.13 0.00	89.67 1.94 0.00	113.24 2.68 0.00	83.64 2.07 0.00	76.55 1.75 0.00	87.72 2.10 0.00	84.92 2.10 0.00	96.03 2.22 0.00
GILBOA___1 23756	50.36 0.77 0.00	43.00 0.61 0.00	35.87 0.46 0.00	36.54 0.43 0.00	38.09 0.43 0.00	47.54 0.65 0.00	46.47 0.76 0.00	42.29 0.72 0.00	30.87 0.41 0.00	11.92 0.14 0.00	11.02 0.15 0.00	13.32 0.16 0.00	3.01 0.08 0.00	8.18 0.23 0.00	27.72 0.61 0.00	35.38 0.73 0.00	56.19 0.98 0.00	89.04 1.32 0.00	112.28 1.72 0.00	83.01 1.43 0.00	75.89 1.09 0.00	87.07 1.46 0.00	84.59 1.78 0.00	95.36 1.55 0.00
GILBOA___2 23757	50.36 0.77 0.00	43.00 0.61 0.00	35.87 0.46 0.00	36.54 0.43 0.00	38.09 0.43 0.00	47.54 0.65 0.00	46.47 0.76 0.00	42.29 0.72 0.00	30.87 0.41 0.00	11.92 0.14 0.00	11.02 0.15 0.00	13.32 0.16 0.00	3.01 0.08 0.00	8.18 0.23 0.00	27.72 0.61 0.00	35.38 0.73 0.00	56.19 0.98 0.00	89.04 1.32 0.00	112.28 1.72 0.00	83.01 1.43 0.00	75.89 1.09 0.00	87.07 1.46 0.00	84.59 1.78 0.00	95.36 1.55 0.00

GILBOA___3 23758	50.36 0.77 0.00	43.00 0.61 0.00	35.87 0.46 0.00	36.54 0.43 0.00	38.09 0.43 0.00	47.54 0.65 0.00	46.47 0.76 0.00	42.29 0.72 0.00	30.87 0.41 0.00	11.92 0.14 0.00	11.02 0.15 0.00	13.32 0.16 0.00	3.01 0.08 0.00	8.18 0.23 0.00	27.72 0.61 0.00	35.38 0.73 0.00	56.19 0.98 0.00	89.04 1.32 0.00	112.28 1.72 0.00	83.01 1.43 0.00	75.89 1.09 0.00	87.07 1.46 0.00	84.59 1.78 0.00	95.36 1.55 0.00
GILBOA___4 23759	50.36 0.77 0.00	43.00 0.61 0.00	35.87 0.46 0.00	36.54 0.43 0.00	38.09 0.43 0.00	47.54 0.65 0.00	46.47 0.76 0.00	42.29 0.72 0.00	30.87 0.41 0.00	11.92 0.14 0.00	11.02 0.15 0.00	13.32 0.16 0.00	3.01 0.08 0.00	8.18 0.23 0.00	27.72 0.61 0.00	35.38 0.73 0.00	56.19 0.98 0.00	89.04 1.32 0.00	112.28 1.72 0.00	83.01 1.43 0.00	75.89 1.09 0.00	87.07 1.46 0.00	84.59 1.78 0.00	95.36 1.55 0.00
GILBOA___ 23599	50.35 0.76 0.00	43.00 0.61 0.00	35.87 0.46 0.00	36.54 0.43 0.00	38.09 0.43 0.00	47.54 0.65 0.00	46.48 0.76 0.00	42.29 0.72 0.00	30.87 0.41 0.00	11.92 0.14 0.00	11.02 0.15 0.00	13.32 0.16 0.00	3.01 0.08 0.00	8.18 0.23 0.00	27.72 0.61 0.00	35.38 0.73 0.00	56.19 0.98 0.00	89.04 1.32 0.00	112.28 1.72 0.00	83.01 1.43 0.00	75.89 1.09 0.00	87.08 1.46 0.00	84.60 1.78 0.00	95.36 1.55 0.00
GINNA___ 23603	45.75 -3.84 0.00	39.16 -3.23 0.00	32.62 -2.79 0.00	33.39 -2.73 0.00	34.85 -2.81 0.00	43.30 -3.59 0.00	41.87 -3.84 0.00	38.21 -3.36 0.00	28.14 -2.32 0.00	10.96 -0.82 0.00	10.16 -0.71 0.00	12.30 -0.85 0.00	2.78 -0.14 0.00	7.54 -0.40 0.00	25.56 -1.55 0.00	32.51 -2.14 0.00	51.56 -3.65 0.00	81.83 -5.89 0.00	102.80 -7.75 0.00	75.86 -5.71 0.00	69.23 -5.58 0.00	79.03 -6.59 0.00	76.73 -6.09 0.00	87.37 -6.44 0.00
GLEN PARK___ 23778	51.88 2.29 0.00	44.60 2.21 0.00	37.32 1.91 0.00	38.16 2.05 0.00	39.93 2.27 0.00	49.63 2.74 0.00	48.55 2.84 0.00	44.13 2.56 0.00	31.61 1.15 0.00	12.04 0.27 0.00	11.01 0.13 0.00	13.26 0.10 0.00	2.92 -0.01 0.00	7.86 -0.08 0.00	26.86 -0.25 0.00	34.32 -0.33 0.00	56.15 0.93 0.00	93.54 5.81 0.00	119.78 9.22 0.00	87.76 6.19 0.00	79.25 4.45 0.00	91.14 5.53 0.00	87.77 4.95 0.00	99.01 5.20 0.00
GLENDALE_27_KV_LOAD 356172	51.52 1.93 0.00	43.98 1.59 0.00	36.61 1.20 0.00	37.26 1.15 0.00	38.79 1.12 0.00	48.53 1.63 0.00	47.52 1.81 0.00	43.41 1.84 0.00	31.67 1.22 0.00	12.31 0.54 -0.01	11.90 0.59 -0.44	13.85 0.69 0.00	3.16 0.22 -0.01	8.58 0.63 -0.01	29.00 1.88 -0.01	36.98 2.34 0.00	58.42 3.21 0.00	92.75 5.03 0.00	117.50 6.47 -0.48	86.52 4.95 0.00	78.81 4.01 0.00	90.17 4.55 0.00	87.14 4.32 0.00	98.10 4.29 0.00
GLENWOOD_IC_1_G5 23712	51.78 2.19 0.00	44.25 1.86 0.00	36.83 1.42 0.00	37.47 1.36 0.00	39.03 1.36 0.00	48.90 2.01 0.00	47.94 2.23 0.00	43.74 2.17 0.00	31.87 1.42 0.00	12.35 0.57 0.00	11.44 0.56 0.00	13.81 0.66 0.00	3.13 0.21 0.00	8.55 0.60 0.00	28.97 1.86 0.00	37.05 2.40 0.00	58.71 3.50 0.00	126.43 5.53 -33.17	117.40 6.85 0.00	86.61 5.04 0.00	79.04 4.24 0.00	90.33 4.71 0.00	87.23 4.41 0.00	98.29 4.49 0.00
GLENWOOD_IC_2_G1 23688	51.65 2.06 0.00	44.14 1.75 0.00	36.75 1.34 0.00	37.37 1.25 0.00	38.92 1.26 0.00	48.79 1.89 0.00	47.81 2.10 0.00	43.62 2.06 0.00	31.78 1.33 0.00	12.31 0.54 0.00	11.40 0.53 0.00	13.77 0.62 0.00	3.13 0.20 0.00	8.52 0.58 0.00	28.89 1.78 0.00	36.94 2.30 0.00	58.55 3.34 0.00	126.38 5.49 -33.17	117.38 6.82 0.00	86.57 4.99 0.00	78.99 4.19 0.00	90.31 4.69 0.00	87.21 4.39 0.00	98.23 4.42 0.00
GLENWOOD_IC_3_G1 23689	51.65 2.06 0.00	44.14 1.75 0.00	36.75 1.34 0.00	37.37 1.25 0.00	38.92 1.26 0.00	48.79 1.89 0.00	47.81 2.10 0.00	43.62 2.06 0.00	31.78 1.33 0.00	12.31 0.54 0.00	11.40 0.53 0.00	13.77 0.62 0.00	3.13 0.20 0.00	8.52 0.58 0.00	28.89 1.78 0.00	36.94 2.30 0.00	58.55 3.34 0.00	126.38 5.49 -33.17	117.38 6.82 0.00	86.57 4.99 0.00	78.99 4.19 0.00	90.31 4.69 0.00	87.21 4.39 0.00	98.23 4.42 0.00
GLENWOOD___4 23550	51.78 2.19 0.00	44.25 1.86 0.00	36.83 1.42 0.00	37.47 1.36 0.00	39.03 1.36 0.00	48.90 2.01 0.00	47.94 2.23 0.00	43.74 2.17 0.00	31.87 1.42 0.00	12.35 0.57 0.00	11.44 0.56 0.00	13.81 0.66 0.00	3.13 0.21 0.00	8.55 0.60 0.00	28.97 1.86 0.00	37.05 2.40 0.00	58.72 3.50 0.00	126.54 5.64 -33.17	117.58 7.02 0.00	86.71 5.14 0.00	79.13 4.33 0.00	90.44 4.83 0.00	87.32 4.50 0.00	98.40 4.60 0.00
GLENWOOD___5 23614	51.78 2.19 0.00	44.25 1.86 0.00	36.83 1.42 0.00	37.47 1.36 0.00	39.03 1.36 0.00	48.90 2.01 0.00	47.94 2.23 0.00	43.74 2.17 0.00	31.87 1.42 0.00	12.35 0.57 0.00	11.44 0.56 0.00	13.81 0.66 0.00	3.13 0.21 0.00	8.55 0.60 0.00	28.97 1.86 0.00	37.05 2.40 0.00	58.72 3.50 0.00	126.54 5.64 -33.17	117.58 7.02 0.00	86.71 5.14 0.00	79.13 4.33 0.00	90.44 4.83 0.00	87.32 4.50 0.00	98.40 4.60 0.00
GLOBAL GREEN_PORT_GT1 23814	51.37 1.78 0.00	43.98 1.59 0.00	36.73 1.32 0.00	37.27 1.16 0.00	38.89 1.22 0.00	48.85 1.96 0.00	47.91 2.20 0.00	43.71 2.15 0.00	31.68 1.22 0.00	12.17 0.40 0.00	11.23 0.35 0.00	13.54 0.38 0.00	3.07 0.14 0.00	8.37 0.43 0.00	28.50 1.39 0.00	36.60 1.95 0.00	58.64 3.42 0.00	127.43 6.54 -33.17	117.38 6.83 0.00	86.43 4.85 0.00	79.11 4.31 0.00	90.30 4.69 0.00	86.95 4.14 0.00	97.91 4.10 0.00
GLOBE___DSASP 323697	45.05 -4.54 0.00	38.59 -3.80 0.00	31.90 -3.52 0.00	32.83 -3.28 0.00	34.29 -3.38 0.00	42.48 -4.41 0.00	40.48 -5.23 0.00	37.03 -4.53 0.00	27.33 -3.12 0.00	10.75 -1.02 0.00	10.02 -0.85 0.00	12.17 -0.98 0.00	2.80 -0.12 0.00	7.57 -0.37 0.00	25.40 -1.71 0.00	32.04 -2.61 0.00	50.39 -4.83 0.00	79.50 -8.23 0.00	99.26 -11.30 0.00	73.33 -8.25 0.00	66.93 -7.87 0.00	76.44 -9.17 0.00	75.14 -7.68 0.00	86.64 -7.17 0.00
GOETHSLN___LBMP 323567	17.66 1.22 33.15	35.67 0.96 7.68	34.92 0.65 1.14	35.59 0.58 1.11	36.02 0.56 2.20	47.37 0.95 0.47	46.41 1.21 0.51	42.63 1.30 0.24	30.71 0.79 0.54	12.14 0.37 0.00	9.22 0.41 2.06	11.26 0.47 2.37	2.64 0.18 0.47	8.43 0.49 0.00	26.69 1.42 1.84	33.23 1.75 3.17	51.65 2.35 5.91	91.52 3.80 0.00	115.50 4.94 0.00	85.30 3.73 0.00	77.68 2.88 0.00	88.85 3.23 0.00	85.92 3.10 0.00	96.69 2.88 0.00
GOLAH___69_KV_TB 1_2 80279	47.76 -1.84 0.00	40.89 -1.50 0.00	33.98 -1.43 0.00	34.81 -1.30 0.00	36.35 -1.31 0.00	45.12 -1.77 0.00	43.43 -2.28 0.00	39.69 -1.87 0.00	29.19 -1.26 0.00	11.38 -0.40 0.00	10.55 -0.32 0.00	12.77 -0.38 0.00	2.90 -0.03 0.00	7.86 -0.08 0.00	26.60 -0.51 0.00	33.80 -0.84 0.00	53.60 -1.61 0.00	85.12 -2.61 0.00	106.85 -3.71 0.00	78.88 -2.69 0.00	71.95 -2.86 0.00	82.11 -3.51 0.00	79.99 -2.83 0.00	91.35 -2.46 0.00

GOODYEAR_LAKE_HYD 323669	51.15 1.56 0.00	43.79 1.40 0.00	36.54 1.13 0.00	37.31 1.19 0.00	38.91 1.25 0.00	48.52 1.62 0.00	47.34 1.63 0.00	43.16 1.59 0.00	31.54 1.09 0.00	12.19 0.41 0.00	11.28 0.41 0.00	13.63 0.47 0.00	3.06 0.13 0.00	8.31 0.36 0.00	28.19 1.08 0.00	36.01 1.36 0.00	57.47 2.26 0.00	91.54 3.81 0.00	115.46 4.90 0.00	85.30 3.73 0.00	77.88 3.08 0.00	89.13 3.52 0.00	86.33 3.51 0.00	97.50 3.70 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	49.00 -0.59 0.00	41.95 -0.44 0.00	34.92 -0.49 0.00	35.67 -0.45 0.00	37.18 -0.49 0.00	46.33 -0.56 0.00	45.12 -0.59 0.00	41.12 -0.45 0.00	30.03 -0.43 0.00	11.61 -0.16 0.00	10.76 -0.11 0.00	13.05 -0.11 0.00	2.95 0.02 0.00	8.01 0.06 0.00	27.06 -0.05 0.00	34.55 -0.10 0.00	55.08 -0.13 0.00	87.33 -0.39 0.00	109.93 -0.62 0.00	81.28 -0.30 0.00	74.16 -0.64 0.00	85.08 -0.54 0.00	82.45 -0.37 0.00	93.53 -0.28 0.00
GOUDEY___7 23579	49.00 -0.59 0.00	41.95 -0.44 0.00	34.92 -0.49 0.00	35.67 -0.45 0.00	37.18 -0.49 0.00	46.33 -0.56 0.00	45.12 -0.59 0.00	41.12 -0.45 0.00	30.03 -0.43 0.00	11.61 -0.16 0.00	10.76 -0.11 0.00	13.05 -0.11 0.00	2.95 0.02 0.00	8.01 0.06 0.00	27.06 -0.05 0.00	34.55 -0.10 0.00	55.08 -0.13 0.00	87.33 -0.39 0.00	109.93 -0.62 0.00	81.28 -0.30 0.00	74.16 -0.64 0.00	85.08 -0.54 0.00	82.45 -0.37 0.00	93.53 -0.28 0.00
GOUDEY___8 23580	49.00 -0.59 0.00	41.95 -0.44 0.00	34.92 -0.49 0.00	35.67 -0.45 0.00	37.18 -0.49 0.00	46.33 -0.56 0.00	45.12 -0.59 0.00	41.12 -0.45 0.00	30.03 -0.43 0.00	11.61 -0.16 0.00	10.76 -0.11 0.00	13.05 -0.11 0.00	2.95 0.02 0.00	8.01 0.06 0.00	27.06 -0.05 0.00	34.55 -0.10 0.00	55.08 -0.13 0.00	87.33 -0.39 0.00	109.93 -0.62 0.00	81.28 -0.30 0.00	74.16 -0.64 0.00	85.08 -0.54 0.00	82.45 -0.37 0.00	93.53 -0.28 0.00
GOWANUS_GT1_1 24077	60.41 1.99 -8.82	60.30 1.64 -16.27	59.02 1.26 -22.35	59.09 1.19 -21.79	60.24 1.13 -21.45	61.62 1.68 -13.04	58.32 1.81 -10.79	58.28 1.86 -14.85	58.15 1.24 -26.46	54.67 0.57 -42.33	68.90 0.62 -57.41	60.28 0.71 -46.41	60.19 0.23 -57.04	60.22 0.65 -51.62	60.35 1.94 -31.30	62.48 2.38 -25.45	69.25 3.24 -10.80	92.72 5.00 0.00	119.00 6.42 -2.03	148.09 4.98 -61.53	333.95 4.06 -255.09	266.21 4.60 -176.00	385.66 4.46 -298.39	385.49 4.38 -287.30
GOWANUS_GT1_2 24078	60.41 1.99 -8.82	60.30 1.64 -16.27	59.02 1.26 -22.35	59.09 1.19 -21.79	60.24 1.13 -21.45	61.62 1.68 -13.04	58.32 1.81 -10.79	58.28 1.86 -14.85	58.15 1.24 -26.46	54.67 0.57 -42.33	68.90 0.62 -57.41	60.28 0.71 -46.41	60.19 0.23 -57.04	60.22 0.65 -51.62	60.35 1.94 -31.30	62.48 2.38 -25.45	69.25 3.24 -10.80	92.72 5.00 0.00	119.00 6.42 -2.03	148.09 4.98 -61.53	333.95 4.06 -255.09	266.21 4.60 -176.00	385.66 4.46 -298.39	385.49 4.38 -287.30
GOWANUS_GT1_3 24079	60.41 1.99 -8.82	60.30 1.64 -16.27	59.02 1.26 -22.35	59.09 1.19 -21.79	60.24 1.13 -21.45	61.62 1.68 -13.04	58.32 1.81 -10.79	58.28 1.86 -14.85	58.15 1.24 -26.46	54.67 0.57 -42.33	68.90 0.62 -57.41	60.28 0.71 -46.41	60.19 0.23 -57.04	60.22 0.65 -51.62	60.35 1.94 -31.30	62.48 2.38 -25.45	69.25 3.24 -10.80	92.72 5.00 0.00	119.00 6.42 -2.03	148.09 4.98 -61.53	333.95 4.06 -255.09	266.21 4.60 -176.00	385.66 4.46 -298.39	385.49 4.38 -287.30
GOWANUS_GT1_4 24080	60.41 1.99 -8.82	60.30 1.64 -16.27	59.02 1.26 -22.35	59.09 1.19 -21.79	60.24 1.13 -21.45	61.62 1.68 -13.04	58.32 1.81 -10.79	58.28 1.86 -14.85	58.15 1.24 -26.46	54.67 0.57 -42.33	68.90 0.62 -57.41	60.28 0.71 -46.41	60.19 0.23 -57.04	60.22 0.65 -51.62	60.35 1.94 -31.30	62.48 2.38 -25.45	69.25 3.24 -10.80	92.72 5.00 0.00	119.00 6.42 -2.03	148.09 4.98 -61.53	333.95 4.06 -255.09	266.21 4.60 -176.00	385.66 4.46 -298.39	385.49 4.38 -287.30
GOWANUS_GT1_5 24084	60.41 1.99 -8.82	60.30 1.64 -16.27	59.02 1.26 -22.35	59.09 1.19 -21.79	60.24 1.13 -21.45	61.62 1.68 -13.04	58.32 1.81 -10.79	58.28 1.86 -14.85	58.15 1.24 -26.46	54.67 0.57 -42.33	68.90 0.62 -57.41	60.28 0.71 -46.41	60.19 0.23 -57.04	60.22 0.65 -51.62	60.35 1.94 -31.30	62.48 2.38 -25.45	69.25 3.24 -10.80	92.72 5.00 0.00	119.00 6.42 -2.03	148.09 4.98 -61.53	333.95 4.06 -255.09	266.21 4.60 -176.00	385.66 4.46 -298.39	385.49 4.38 -287.30
GOWANUS_GT1_6 24111	60.41 1.99 -8.82	60.30 1.64 -16.27	59.02 1.26 -22.35	59.09 1.19 -21.79	60.24 1.13 -21.45	61.62 1.68 -13.04	58.32 1.81 -10.79	58.28 1.86 -14.85	58.15 1.24 -26.46	54.67 0.57 -42.33	68.90 0.62 -57.41	60.28 0.71 -46.41	60.19 0.23 -57.04	60.22 0.65 -51.62	60.35 1.94 -31.30	62.48 2.38 -25.45	69.25 3.24 -10.80	92.72 5.00 0.00	119.00 6.42 -2.03	148.09 4.98 -61.53	333.95 4.06 -255.09	266.21 4.60 -176.00	385.66 4.46 -298.39	385.49 4.38 -287.30
GOWANUS_GT1_7 24112	60.41 1.99 -8.82	60.30 1.64 -16.27	59.02 1.26 -22.35	59.09 1.19 -21.79	60.24 1.13 -21.45	61.62 1.68 -13.04	58.32 1.81 -10.79	58.28 1.86 -14.85	58.15 1.24 -26.46	54.67 0.57 -42.33	68.90 0.62 -57.41	60.28 0.71 -46.41	60.19 0.23 -57.04	60.22 0.65 -51.62	60.35 1.94 -31.30	62.48 2.38 -25.45	69.25 3.24 -10.80	92.72 5.00 0.00	119.00 6.42 -2.03	148.09 4.98 -61.53	333.95 4.06 -255.09	266.21 4.60 -176.00	385.66 4.46 -298.39	385.49 4.38 -287.30
GOWANUS_GT1_8 24113	60.41 1.99 -8.82	60.30 1.64 -16.27	59.02 1.26 -22.35	59.09 1.19 -21.79	60.24 1.13 -21.45	61.62 1.68 -13.04	58.32 1.81 -10.79	58.28 1.86 -14.85	58.15 1.24 -26.46	54.67 0.57 -42.33	68.90 0.62 -57.41	60.28 0.71 -46.41	60.19 0.23 -57.04	60.22 0.65 -51.62	60.35 1.94 -31.30	62.48 2.38 -25.45	69.25 3.24 -10.80	92.72 5.00 0.00	119.00 6.42 -2.03	148.09 4.98 -61.53	333.95 4.06 -255.09	266.21 4.60 -176.00	385.66 4.46 -298.39	385.49 4.38 -287.30
GOWANUS_GT2_1 24114	60.42 2.00 -8.82	60.31 1.65 -16.27	59.03 1.26 -22.35	59.09 1.19 -21.79	60.24 1.13 -21.45	61.63 1.69 -13.04	58.32 1.82 -10.79	58.28 1.86 -14.85	58.15 1.24 -26.46	54.67 0.57 -42.33	68.90 0.62 -57.41	60.28 0.71 -46.41	60.19 0.23 -57.04	60.22 0.65 -51.62	60.36 1.95 -31.30	62.49 2.39 -25.45	69.27 3.25 -10.80	92.74 5.01 0.00	145.13 6.46 -28.11	148.12 5.01 -61.53	333.96 4.07 -255.09	266.22 4.61 -176.00	385.67 4.46 -298.39	385.53 4.42 -287.30
GOWANUS_GT2_2 24115	60.42 2.00 -8.82	60.31 1.65 -16.27	59.03 1.26 -22.35	59.09 1.19 -21.79	60.24 1.13 -21.45	61.63 1.69 -13.04	58.32 1.82 -10.79	58.28 1.86 -14.85	58.15 1.24 -26.46	54.67 0.57 -42.33	68.90 0.62 -57.41	60.28 0.71 -46.41	60.19 0.23 -57.04	60.22 0.65 -51.62	60.36 1.95 -31.30	62.49 2.39 -25.45	69.27 3.25 -10.80	92.74 5.01 0.00	145.13 6.46 -28.11	148.12 5.01 -61.53	333.96 4.07 -255.09	266.22 4.61 -176.00	385.67 4.46 -298.39	385.53 4.42 -287.30
GOWANUS_GT2_3 24116	60.42 2.00 -8.82	60.31 1.65 -16.27	59.03 1.26 -22.35	59.09 1.19 -21.79	60.24 1.13 -21.45	61.63 1.69 -13.04	58.32 1.82 -10.79	58.28 1.86 -14.85	58.15 1.24 -26.46	54.67 0.57 -42.33	68.90 0.62 -57.41	60.28 0.71 -46.41	60.19 0.23 -57.04	60.22 0.65 -51.62	60.36 1.95 -31.30	62.49 2.39 -25.45	69.27 3.25 -10.80	92.74 5.01 0.00	145.13 6.46 -28.11	148.12 5.01 -61.53	333.96 4.07 -255.09	266.22 4.61 -176.00	385.67 4.46 -298.39	385.53 4.42 -287.30

GOWANUS_GT2_4 24117	60.42 2.00 -8.82	60.31 1.65 -16.27	59.03 1.26 -22.35	59.09 1.19 -21.79	60.24 1.13 -21.45	61.63 1.69 -13.04	58.32 1.82 -10.79	58.28 1.86 -14.85	58.15 1.24 -26.46	54.67 0.57 -42.33	68.90 0.62 -57.41	60.28 0.71 -46.41	60.19 0.23 -57.04	60.22 0.65 -51.62	60.36 1.95 -31.30	62.49 2.39 -25.45	69.27 3.25 -10.80	92.74 5.01 0.00	145.13 6.46 -28.11	148.12 5.01 -61.53	333.96 4.07 -255.09	266.22 4.61 -176.00	385.67 4.46 -298.39	385.53 4.42 -287.30
GOWANUS_GT2_5 24118	60.42 2.00 -8.82	60.31 1.65 -16.27	59.03 1.26 -22.35	59.09 1.19 -21.79	60.24 1.13 -21.45	61.63 1.69 -13.04	58.32 1.82 -10.79	58.28 1.86 -14.85	58.15 1.24 -26.46	54.67 0.57 -42.33	68.90 0.62 -57.41	60.28 0.71 -46.41	60.19 0.23 -57.04	60.22 0.65 -51.62	60.36 1.95 -31.30	62.49 2.39 -25.45	69.27 3.25 -10.80	92.74 5.01 0.00	145.13 6.46 -28.11	148.12 5.01 -61.53	333.96 4.07 -255.09	266.22 4.61 -176.00	385.67 4.46 -298.39	385.53 4.42 -287.30
GOWANUS_GT2_6 24119	60.42 2.00 -8.82	60.31 1.65 -16.27	59.03 1.26 -22.35	59.09 1.19 -21.79	60.24 1.13 -21.45	61.63 1.69 -13.04	58.32 1.82 -10.79	58.28 1.86 -14.85	58.15 1.24 -26.46	54.67 0.57 -42.33	68.90 0.62 -57.41	60.28 0.71 -46.41	60.19 0.23 -57.04	60.22 0.65 -51.62	60.36 1.95 -31.30	62.49 2.39 -25.45	69.27 3.25 -10.80	92.74 5.01 0.00	145.13 6.46 -28.11	148.12 5.01 -61.53	333.96 4.07 -255.09	266.22 4.61 -176.00	385.67 4.46 -298.39	385.53 4.42 -287.30
GOWANUS_GT2_7 24120	60.42 2.00 -8.82	60.31 1.65 -16.27	59.03 1.26 -22.35	59.09 1.19 -21.79	60.24 1.13 -21.45	61.63 1.69 -13.04	58.32 1.82 -10.79	58.28 1.86 -14.85	58.15 1.24 -26.46	54.67 0.57 -42.33	68.90 0.62 -57.41	60.28 0.71 -46.41	60.19 0.23 -57.04	60.22 0.65 -51.62	60.36 1.95 -31.30	62.49 2.39 -25.45	69.27 3.25 -10.80	92.74 5.01 0.00	145.13 6.46 -28.11	148.12 5.01 -61.53	333.96 4.07 -255.09	266.22 4.61 -176.00	385.67 4.46 -298.39	385.53 4.42 -287.30
GOWANUS_GT2_8 24121	60.42 2.00 -8.82	60.31 1.65 -16.27	59.03 1.26 -22.35	59.09 1.19 -21.79	60.24 1.13 -21.45	61.63 1.69 -13.04	58.32 1.82 -10.79	58.28 1.86 -14.85	58.15 1.24 -26.46	54.67 0.57 -42.33	68.90 0.62 -57.41	60.28 0.71 -46.41	60.19 0.23 -57.04	60.22 0.65 -51.62	60.36 1.95 -31.30	62.49 2.39 -25.45	69.27 3.25 -10.80	92.74 5.01 0.00	145.13 6.46 -28.11	148.12 5.01 -61.53	333.96 4.07 -255.09	266.22 4.61 -176.00	385.67 4.46 -298.39	385.53 4.42 -287.30
GOWANUS_GT3_1 24122	60.41 1.99 -8.82	60.30 1.64 -16.27	59.02 1.26 -22.35	59.08 1.19 -21.79	60.24 1.13 -21.45	61.62 1.69 -13.04	58.32 1.81 -10.79	58.28 1.86 -14.85	58.15 1.24 -26.46	54.67 0.57 -42.33	68.90 0.62 -57.41	60.28 0.71 -46.41	60.19 0.23 -57.04	60.22 0.65 -51.62	60.36 1.95 -31.30	62.49 2.39 -25.45	69.25 3.23 -10.80	92.72 5.00 0.00	119.00 6.42 -2.03	148.08 4.97 -61.53	333.95 4.06 -255.09	266.20 4.59 -176.00	385.66 4.45 -298.39	385.49 4.38 -287.30
GOWANUS_GT3_2 24123	60.41 1.99 -8.82	60.30 1.64 -16.27	59.02 1.26 -22.35	59.08 1.19 -21.79	60.24 1.13 -21.45	61.62 1.69 -13.04	58.32 1.81 -10.79	58.28 1.86 -14.85	58.15 1.24 -26.46	54.67 0.57 -42.33	68.90 0.62 -57.41	60.28 0.71 -46.41	60.19 0.23 -57.04	60.22 0.65 -51.62	60.36 1.95 -31.30	62.49 2.39 -25.45	69.25 3.23 -10.80	92.72 5.00 0.00	119.00					

GOWANUS_GT4_3 24132	60.42 2.00 -8.82	60.31 1.65 -16.27	59.03 1.26 -22.35	59.09 1.19 -21.79	60.24 1.13 -21.45	61.63 1.69 -13.04	58.32 1.82 -10.79	58.28 1.86 -14.85	58.15 1.24 -26.46	54.67 0.57 -42.33	68.90 0.62 -57.41	60.28 0.71 -46.41	60.19 0.23 -57.04	60.22 0.65 -51.62	60.35 1.94 -31.30	62.48 2.39 -25.45	69.27 3.25 -10.80	92.73 5.01 0.00	145.13 6.46 -28.11	148.12 5.01 -61.53	333.97 4.08 -255.09	266.22 4.62 -176.00	385.67 4.46 -298.39	385.53 4.43 -287.30
GOWANUS_GT4_4 24133	60.42 2.00 -8.82	60.31 1.65 -16.27	59.03 1.26 -22.35	59.09 1.19 -21.79	60.24 1.13 -21.45	61.63 1.69 -13.04	58.32 1.82 -10.79	58.28 1.86 -14.85	58.15 1.24 -26.46	54.67 0.57 -42.33	68.90 0.62 -57.41	60.28 0.71 -46.41	60.19 0.23 -57.04	60.22 0.65 -51.62	60.35 1.94 -31.30	62.48 2.39 -25.45	69.27 3.25 -10.80	92.73 5.01 0.00	145.13 6.46 -28.11	148.12 5.01 -61.53	333.97 4.08 -255.09	266.22 4.62 -176.00	385.67 4.46 -298.39	385.53 4.43 -287.30
GOWANUS_GT4_5 24134	60.42 2.00 -8.82	60.31 1.65 -16.27	59.03 1.26 -22.35	59.09 1.19 -21.79	60.24 1.13 -21.45	61.63 1.69 -13.04	58.32 1.82 -10.79	58.28 1.86 -14.85	58.15 1.24 -26.46	54.67 0.57 -42.33	68.90 0.62 -57.41	60.28 0.71 -46.41	60.19 0.23 -57.04	60.22 0.65 -51.62	60.35 1.94 -31.30	62.48 2.39 -25.45	69.27 3.25 -10.80	92.73 5.01 0.00	145.13 6.46 -28.11	148.12 5.01 -61.53	333.97 4.08 -255.09	266.22 4.62 -176.00	385.67 4.46 -298.39	385.53 4.43 -287.30
GOWANUS_GT4_6 24135	60.42 2.00 -8.82	60.31 1.65 -16.27	59.03 1.26 -22.35	59.09 1.19 -21.79	60.24 1.13 -21.45	61.63 1.69 -13.04	58.32 1.82 -10.79	58.28 1.86 -14.85	58.15 1.24 -26.46	54.67 0.57 -42.33	68.90 0.62 -57.41	60.28 0.71 -46.41	60.19 0.23 -57.04	60.22 0.65 -51.62	60.35 1.94 -31.30	62.48 2.39 -25.45	69.27 3.25 -10.80	92.73 5.01 0.00	145.13 6.46 -28.11	148.12 5.01 -61.53	333.97 4.08 -255.09	266.22 4.62 -176.00	385.67 4.46 -298.39	385.53 4.43 -287.30
GOWANUS_GT4_7 24136	60.42 2.00 -8.82	60.31 1.65 -16.27	59.03 1.26 -22.35	59.09 1.19 -21.79	60.24 1.13 -21.45	61.63 1.69 -13.04	58.32 1.82 -10.79	58.28 1.86 -14.85	58.15 1.24 -26.46	54.67 0.57 -42.33	68.90 0.62 -57.41	60.28 0.71 -46.41	60.19 0.23 -57.04	60.22 0.65 -51.62	60.35 1.94 -31.30	62.48 2.39 -25.45	69.27 3.25 -10.80	92.73 5.01 0.00	145.13 6.46 -28.11	148.12 5.01 -61.53	333.97 4.08 -255.09	266.22 4.62 -176.00	385.67 4.46 -298.39	385.53 4.43 -287.30
GOWANUS_GT4_8 24137	60.42 2.00 -8.82	60.31 1.65 -16.27	59.03 1.26 -22.35	59.09 1.19 -21.79	60.24 1.13 -21.45	61.63 1.69 -13.04	58.32 1.82 -10.79	58.28 1.86 -14.85	58.15 1.24 -26.46	54.67 0.57 -42.33	68.90 0.62 -57.41	60.28 0.71 -46.41	60.19 0.23 -57.04	60.22 0.65 -51.62	60.35 1.94 -31.30	62.48 2.39 -25.45	69.27 3.25 -10.80	92.73 5.01 0.00	145.13 6.46 -28.11	148.12 5.01 -61.53	333.97 4.08 -255.09	266.22 4.62 -176.00	385.67 4.46 -298.39	385.53 4.43 -287.30
GREENBSH_115KV_TB3 55895	50.57 0.98 0.00	43.16 0.77 0.00	36.03 0.62 0.00	36.70 0.59 0.00	38.23 0.57 0.00	47.67 0.78 0.00	46.59 0.88 0.00	42.27 0.70 0.00	30.85 0.40 0.00	11.89 0.11 0.00	10.98 0.10 0.00	13.25 0.10 0.00	2.98 0.05 0.00	8.11 0.16 0.00	27.62 0.51 0.00	35.29 0.64 0.00	56.30 1.09 0.00	89.57 1.85 0.00	113.21 2.65 0.00	83.59 2.01 0.00	76.55 1.75 0.00	87.76 2.14 0.00	84.93 2.11 0.00	96.18 2.37 0.00
GREENDGE_115KV_TB5 80291	48.73 -0.87 0.00	41.73 -0.66 0.00	34.65 -0.75 0.00	35.43 -0.68 0.00	36.99 -0.68 0.00	46.11 -0.79 0.00	44.89 -0.82 0.00	41.02 -0.55 0.00	29.98 -0.47 0.00	11.58 -0.19 0.00	10.71 -0.17 0.00	12.95 -0.21 0.00	2.93 0.01 0.00	7.95 0.00 0.00	26.89 -0.22 0.00	34.40 -0.25 0.00	54.88 -0.34 0.00	87.11 -0.61 0.00	108.55 -2.00 0.00	80.64 -0.93 0.00	73.76 -1.04 0.00	84.24 -1.38 0.00	81.84 -0.98 0.00	92.96 -0.85 0.00
GREENIDGE___3 23582	48.73 -0.87 0.00	41.73 -0.66 0.00	34.65 -0.75 0.00	35.43 -0.68 0.00	36.99 -0.68 0.00	46.11 -0.79 0.00	44.89 -0.82 0.00	41.02 -0.55 0.00	29.98 -0.47 0.00	11.58 -0.19 0.00	10.71 -0.17 0.00	12.95 -0.21 0.00	2.93 0.01 0.00	7.95 0.00 0.00	26.89 -0.22 0.00	34.40 -0.25 0.00	54.88 -0.34 0.00	87.11 -0.61 0.00	108.55 -2.00 0.00	80.64 -0.93 0.00	73.76 -1.04 0.00	84.24 -1.38 0.00	81.84 -0.98 0.00	92.96 -0.85 0.00
GREENIDGE___4 23583	48.73 -0.87 0.00	41.74 -0.66 0.00	34.66 -0.75 0.00	35.43 -0.68 0.00	36.99 -0.68 0.00	46.11 -0.79 0.00	44.89 -0.82 0.00	41.02 -0.55 0.00	29.98 -0.47 0.00	11.58 -0.19 0.00	10.71 -0.17 0.00	12.95 -0.21 0.00	2.93 0.01 0.00	7.95 0.00 0.00	26.88 -0.23 0.00	34.40 -0.25 0.00	54.87 -0.34 0.00	87.11 -0.61 0.00	108.56 -2.00 0.00	80.64 -0.93 0.00	73.76 -1.05 0.00	84.24 -1.37 0.00	81.85 -0.97 0.00	92.96 -0.85 0.00
GREENLWN_69_KV_BK 3 55738	51.46 1.87 0.00	43.99 1.60 0.00	36.63 1.22 0.00	37.24 1.13 0.00	38.79 1.12 0.00	48.62 1.73 0.00	47.67 1.96 0.00	43.51 1.95 0.00	31.70 1.24 0.00	12.27 0.49 0.00	11.35 0.47 0.00	13.69 0.54 0.00	3.11 0.18 0.00	8.48 0.54 0.00	28.78 1.67 0.00	36.83 2.18 0.00	58.28 3.07 0.00	126.16 5.26 -33.17	117.01 6.46 0.00	86.19 4.62 0.00	78.76 3.96 0.00	90.08 4.47 0.00	87.04 4.22 0.00	98.22 4.41 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	60.42 2.00 -8.82	60.31 1.65 -16.27	59.03 1.26 -22.35	59.09 1.19 -21.79	60.24 1.13 -21.45	61.63 1.69 -13.04	58.32 1.82 -10.79	58.28 1.86 -14.85	58.15 1.24 -26.46	54.67 0.57 -42.33	68.90 0.62 -57.41	60.28 0.71 -46.41	60.19 0.23 -57.04	60.22 0.65 -51.62	60.35 1.94 -31.30	62.48 2.39 -25.45	69.27 3.25 -10.80	92.73 5.01 0.00	119.04 6.46 -2.03	148.12 5.01 -61.53	333.97 4.08 -255.09	266.22 4.62 -176.00	385.67 4.46 -298.39	385.53 4.43 -287.30
GRISSOM___SOLAR 323813	52.33 2.74 0.00	44.80 2.41 0.00	37.43 2.02 0.00	38.16 2.05 0.00	39.82 2.16 0.00	49.62 2.72 0.00	48.34 2.64 0.00	43.60 2.04 0.00	31.13 0.67 0.00	11.89 0.12 0.00	10.94 0.07 0.00	13.16 0.01 0.00	2.95 0.03 0.00	7.99 0.05 0.00	27.28 0.17 0.00	35.06 0.42 0.00	57.53 2.32 0.00	93.54 5.81 0.00	118.38 7.83 0.00	87.46 5.88 0.00	79.89 5.09 0.00	91.39 5.77 0.00	88.30 5.48 0.00	99.76 5.95 0.00
GROVEVILLE___HYD 323602	51.67 2.08 0.00	44.09 1.70 0.00	36.71 1.30 0.00	37.37 1.26 0.00	38.95 1.29 0.00	48.72 1.83 0.00	47.74 2.03 0.00	43.52 1.95 0.00	31.69 1.23 0.00	12.24 0.47 0.00	11.33 0.46 0.00	13.68 0.52 0.00	3.10 0.17 0.00	8.43 0.49 0.00	28.60 1.49 0.00	36.54 1.90 0.00	58.10 2.89 0.00	92.75 5.02 0.00	117.16 6.60 0.00	86.54 4.96 0.00	78.89 4.09 0.00	90.23 4.61 0.00	87.18 4.36 0.00	98.10 4.29 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	49.04 -0.55 0.00	41.91 -0.48 0.00	35.05 -0.36 0.00	35.76 -0.36 0.00	37.29 -0.38 0.00	46.39 -0.51 0.00	45.20 -0.51 0.00	41.21 -0.35 0.00	30.27 -0.19 0.00	11.70 -0.07 0.00	10.82 -0.05 0.00	13.08 -0.08 0.00	2.94 0.01 0.00	7.97 0.03 0.00	27.09 -0.02 0.00	34.54 -0.11 0.00	55.02 -0.19 0.00	87.61 -0.12 0.00	110.42 -0.14 0.00	81.48 -0.10 0.00	74.42 -0.39 0.00	85.13 -0.48 0.00	82.35 -0.47 0.00	93.17 -0.64 0.00

HAMLTNNY_34_KV_TB 80303	49.31 -0.28 0.00	42.04 -0.35 0.00	35.13 -0.28 0.00	35.86 -0.25 0.00	37.40 -0.26 0.00	46.54 -0.35 0.00	45.37 -0.34 0.00	41.44 -0.12 0.00	30.43 -0.02 0.00	11.76 -0.02 0.00	10.85 -0.03 0.00	13.10 -0.06 0.00	2.94 0.01 0.00	7.97 0.02 0.00	27.10 -0.01 0.00	34.56 -0.09 0.00	55.22 0.01 0.00	87.93 0.20 0.00	110.85 0.29 0.00	81.83 0.25 0.00	74.80 0.00 0.00	85.63 0.02 0.00	82.79 -0.03 0.00	93.51 -0.30 0.00
HAMPSHIRE___PAPER_HYD 323593	51.15 1.56 0.00	43.92 1.53 0.00	36.72 1.32 0.00	37.52 1.41 0.00	39.24 1.58 0.00	48.66 1.77 0.00	47.27 1.56 0.00	42.91 1.34 0.00	31.19 0.73 0.00	11.99 0.21 0.00	11.04 0.17 0.00	13.37 0.22 0.00	2.92 -0.01 0.00	7.85 -0.09 0.00	26.92 -0.19 0.00	34.35 -0.30 0.00	55.49 0.28 0.00	89.90 2.18 0.00	113.95 3.39 0.00	83.61 2.04 0.00	76.30 1.50 0.00	87.72 2.11 0.00	84.87 2.05 0.00	96.38 2.57 0.00
HARDSCRABBLE_WT_PWR 323673	49.40 -0.19 0.00	42.18 -0.21 0.00	35.26 -0.14 0.00	35.92 -0.19 0.00	37.48 -0.18 0.00	46.83 -0.06 0.00	45.92 0.21 0.00	41.61 0.04 0.00	29.91 -0.55 0.00	11.39 -0.38 0.00	10.51 -0.36 0.00	12.69 -0.46 0.00	2.87 -0.06 0.00	7.78 -0.17 0.00	26.44 -0.67 0.00	34.04 -0.61 0.00	55.30 0.09 0.00	88.69 0.97 0.00	112.72 2.16 0.00	83.55 1.98 0.00	76.23 1.43 0.00	87.37 1.76 0.00	84.45 1.64 0.00	95.02 1.21 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	51.16 1.57 0.00	43.66 1.27 0.00	36.37 0.96 0.00	37.00 0.89 0.00	38.55 0.88 0.00	48.24 1.35 0.00	47.25 1.54 0.00	43.10 1.53 0.00	31.38 0.92 0.00	12.14 0.36 0.00	11.24 0.37 0.00	13.57 0.42 0.00	3.08 0.15 0.00	8.38 0.44 0.00	28.39 1.28 0.00	36.23 1.58 0.00	57.52 2.30 0.00	91.68 3.95 0.00	115.78 5.22 0.00	85.45 3.88 0.00	77.86 3.06 0.00	89.10 3.49 0.00	86.11 3.29 0.00	96.94 3.13 0.00
HARSNRAD_115KV_TB1 81005	46.04 -3.56 0.00	39.48 -2.91 0.00	32.63 -2.78 0.00	33.52 -2.59 0.00	34.94 -2.72 0.00	43.22 -3.67 0.00	41.08 -4.63 0.00	37.58 -3.99 0.00	27.69 -2.76 0.00	10.87 -0.90 0.00	10.11 -0.76 0.00	12.27 -0.88 0.00	2.82 -0.10 0.00	7.62 -0.32 0.00	25.60 -1.51 0.00	32.31 -2.34 0.00	50.96 -4.25 0.00	80.55 -7.18 0.00	100.59 -9.96 0.00	74.38 -7.20 0.00	67.84 -6.96 0.00	77.46 -8.15 0.00	76.19 -6.63 0.00	87.81 -6.00 0.00
HARZA MOOSE___RIVER 24016	50.82 1.23 0.00	43.63 1.24 0.00	36.54 1.13 0.00	37.29 1.18 0.00	38.96 1.30 0.00	48.46 1.57 0.00	47.40 1.69 0.00	43.16 1.60 0.00	31.35 0.90 0.00	12.04 0.27 0.00	11.10 0.22 0.00	13.39 0.23 0.00	2.96 0.04 0.00	8.00 0.06 0.00	27.30 0.19 0.00	34.90 0.26 0.00	56.37 1.15 0.00	91.46 3.74 0.00	116.08 5.52 0.00	85.30 3.73 0.00	77.46 2.66 0.00	88.96 3.35 0.00	85.90 3.08 0.00	97.07 3.26 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	48.40 -1.19 0.00	41.38 -1.01 0.00	34.61 -0.80 0.00	35.31 -0.80 0.00	36.80 -0.87 0.00	45.76 -1.13 0.00	44.58 -1.13 0.00	40.63 -0.93 0.00	29.85 -0.61 0.00	11.55 -0.22 0.00	10.69 -0.18 0.00	12.92 -0.23 0.00	2.91 -0.02 0.00	7.89 -0.05 0.00	26.79 -0.32 0.00	34.15 -0.49 0.00	54.30 -0.92 0.00	86.39 -1.33 0.00	108.88 -1.68 0.00	80.35 -1.22 0.00	73.39 -1.41 0.00	83.96 -1.66 0.00	81.27 -1.55 0.00	92.05 -1.76 0.00
HELLGATE_13_KV_LD 55870	51.30 1.70 0.00	43.80 1.41 0.00	36.46 1.05 0.00	37.10 0.99 0.00	38.62 0.96 0.00	48.33 1.44 0.00	47.31 1.60 0.00	43.21 1.65 0.00	31.54 1.08 0.00	12.27 0.48 -0.01	11.86 0.54 -0.44	13.79 0.63 0.00	3.14 0.21 -0.01	8.54 0.58 -0.01	28.87 1.76 -0.01	36.83 2.18 0.00	58.12 2.91 0.00	92.29 4.56 0.00	116.78 5.87 -0.35	86.09 4.52 0.00	78.41 3.61 0.00	89.73 4.11 0.00	86.70 3.88 0.00	97.63 3.82 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	51.30 1.70 0.00	43.80 1.41 0.00	36.46 1.05 0.00	37.10 0.99 0.00	38.62 0.96 0.00	48.33 1.44 0.00	47.31 1.60 0.00	43.21 1.65 0.00	31.54 1.08 0.00	12.27 0.48 -0.01	11.86 0.54 -0.44	13.79 0.63 0.00	3.14 0.21 -0.01	8.54 0.58 -0.01	28.87 1.76 -0.01	36.83 2.18 0.00	58.12 2.91 0.00	92.29 4.56 0.00	116.78 5.87 -0.35	86.09 4.52 0.00	78.41 3.61 0.00	89.73 4.11 0.00	86.70 3.88 0.00	97.63 3.82 0.00
HEMPSTEAD____ 23647	51.54 1.95 0.00	44.07 1.67 0.00	36.68 1.27 0.00	37.29 1.18 0.00	38.85 1.19 0.00	48.69 1.80 0.00	47.71 2.01 0.00	43.55 1.98 0.00	31.72 1.27 0.00	12.28 0.51 0.00	11.38 0.51 0.00	13.73 0.58 0.00	3.12 0.19 0.00	8.50 0.56 0.00	28.83 1.72 0.00	36.88 2.23 0.00	58.46 3.24 0.00	126.30 5.41 -33.17	117.25 6.69 0.00	86.46 4.88 0.00	78.89 4.09 0.00	90.16 4.55 0.00	87.06 4.24 0.00	98.08 4.28 0.00
HEWLETT_69_KV_BK3 55828	51.90 2.31 0.00	44.35 1.96 0.00	36.94 1.53 0.00	37.57 1.46 0.00	39.09 1.43 0.00	48.99 2.10 0.00	48.01 2.31 0.00	43.77 2.20 0.00	31.90 1.44 0.00	12.36 0.59 0.00	11.46 0.59 0.00	13.85 0.70 0.00	3.14 0.22 0.00	8.58 0.63 0.00	29.06 1.95 0.00	37.17 2.52 -0.01	58.94 3.72 0.00	127.05 6.15 -33.17	118.27 7.71 0.00	87.19 5.62 0.00	79.56 4.76 0.00	90.92 5.31 0.00	87.75 4.94 0.00	98.83 5.03 0.00
HICKLING___1 23621	48.13 -1.46 0.00	41.30 -1.09 0.00	34.19 -1.22 0.00	34.97 -1.14 0.00	36.47 -1.20 0.00	45.58 -1.31 0.00	44.32 -1.39 0.00	40.41 -1.16 0.00	29.40 -1.06 0.00	11.37 -0.40 0.00	10.56 -0.31 0.00	12.85 -0.30 0.00	2.92 -0.01 0.00	7.94 0.00 0.00	26.69 -0.42 0.00	34.07 -0.58 0.00	54.41 -0.81 0.00	86.14 -1.59 0.00	108.00 -2.56 0.00	80.00 -1.57 0.00	72.79 -2.01 0.00	83.67 -1.95 0.00	81.21 -1.61 0.00	92.77 -1.04 0.00
HICKLING___2 23622	48.13 -1.46 0.00	41.30 -1.09 0.00	34.19 -1.22 0.00	34.97 -1.14 0.00	36.47 -1.20 0.00	45.58 -1.31 0.00	44.32 -1.39 0.00	40.41 -1.16 0.00	29.40 -1.06 0.00	11.37 -0.40 0.00	10.56 -0.31 0.00	12.85 -0.30 0.00	2.92 -0.01 0.00	7.94 0.00 0.00	26.69 -0.42 0.00	34.07 -0.58 0.00	54.41 -0.81 0.00	86.14 -1.59 0.00	108.00 -2.56 0.00	80.00 -1.57 0.00	72.79 -2.01 0.00	83.67 -1.95 0.00	81.21 -1.61 0.00	92.77 -1.04 0.00
HIGH FALLS___HY 23754	51.67 2.08 0.00	44.10 1.71 0.00	36.72 1.31 0.00	37.40 1.29 0.00	38.97 1.31 0.00	48.77 1.88 0.00	47.82 2.11 0.00	43.64 2.07 0.00	31.73 1.28 0.00	12.23 0.45 0.00	11.30 0.42 0.00	13.63 0.48 0.00	3.09 0.16 0.00	8.40 0.46 0.00	28.44 1.33 0.00	36.39 1.74 0.00	57.94 2.72 0.00	92.68 4.96 0.00	117.29 6.73 0.00	86.63 5.06 0.00	78.92 4.12 0.00	90.28 4.66 0.00	87.20 4.38 0.00	98.02 4.21 0.00
HIGH_RIVER___SOLAR 323847	51.33 1.73 0.00	43.88 1.49 0.00	36.65 1.24 0.00	37.35 1.24 0.00	38.96 1.30 0.00	48.56 1.66 0.00	47.39 1.68 0.00	42.89 1.33 0.00	30.92 0.47 0.00	11.84 0.06 0.00	10.91 0.03 0.00	13.17 0.01 0.00	2.95 0.02 0.00	8.00 0.06 0.00	27.27 0.16 0.00	35.05 0.40 0.00	56.76 1.54 0.00	91.46 3.73 0.00	115.61 5.05 0.00	85.38 3.81 0.00	78.04 3.24 0.00	89.33 3.71 0.00	86.37 3.55 0.00	97.61 3.80 0.00

HILLBURN___GT 23639	50.91 1.32 0.00	43.46 1.07 0.00	36.19 0.78 0.00	36.82 0.71 0.00	38.35 0.68 0.00	48.01 1.11 0.00	47.04 1.33 0.00	42.93 1.37 0.00	31.25 0.80 0.00	12.10 0.33 0.00	11.22 0.34 0.00	13.54 0.39 0.00	3.08 0.15 0.00	8.37 0.43 0.00	28.36 1.25 0.00	36.15 1.50 0.00	57.26 2.04 0.00	91.18 3.46 0.00	115.11 4.56 0.00	84.92 3.35 0.00	77.39 2.58 0.00	88.58 2.96 0.00	85.61 2.79 0.00	96.40 2.59 0.00
HILLSIDE_115KV_TB1 80332	47.74 -1.85 0.00	40.95 -1.44 0.00	33.94 -1.47 0.00	34.70 -1.42 0.00	36.18 -1.48 0.00	45.16 -1.73 0.00	43.93 -1.79 0.00	40.02 -1.55 0.00	29.10 -1.35 0.00	11.26 -0.51 0.00	10.47 -0.41 0.00	12.74 -0.41 0.00	2.89 -0.03 0.00	7.87 -0.07 0.00	26.43 -0.68 0.00	33.73 -0.92 0.00	53.87 -1.34 0.00	85.09 -2.64 0.00	106.74 -3.82 0.00	79.07 -2.50 0.00	72.02 -2.78 0.00	82.85 -2.77 0.00	80.33 -2.49 0.00	91.56 -2.25 0.00
HISHELDN_WT_PWR 323625	46.31 -3.29 0.00	39.76 -2.63 0.00	32.82 -2.59 0.00	33.74 -2.37 0.00	35.25 -2.42 0.00	43.96 -2.93 0.00	42.26 -3.45 0.00	38.64 -2.92 0.00	28.35 -2.11 0.00	11.06 -0.72 0.00	10.28 -0.59 0.00	12.48 -0.67 0.00	2.86 -0.07 0.00	7.73 -0.21 0.00	25.91 -1.20 0.00	32.83 -1.82 0.00	52.04 -3.17 0.00	82.62 -5.11 0.00	103.43 -7.13 0.00	76.54 -5.04 0.00	69.73 -5.07 0.00	79.78 -5.83 0.00	78.22 -4.59 0.00	90.07 -3.74 0.00
HOLTSVILLE_IC_1 23690	51.87 2.28 0.00	44.37 1.97 0.00	36.97 1.56 0.00	37.56 1.45 0.00	39.11 1.44 0.00	49.10 2.20 0.00	48.16 2.45 0.00	43.95 2.39 0.00	31.96 1.51 0.00	12.33 0.55 0.00	11.38 0.50 0.00	13.70 0.55 0.00	3.11 0.18 0.00	8.49 0.55 0.00	28.86 1.75 0.00	36.99 2.35 0.00	58.82 3.61 0.00	127.27 6.38 -33.17	117.89 7.33 0.00	86.89 5.31 0.00	79.48 4.68 0.00	90.79 5.18 0.00	87.55 4.73 0.00	98.69 4.88 0.00
HOLTSVILLE_IC_10 23699	52.14 2.55 0.00	44.60 2.21 0.00	37.15 1.74 0.00	37.74 1.63 0.00	39.30 1.64 0.00	49.34 2.44 0.00	48.41 2.70 0.00	44.18 2.61 0.00	32.11 1.65 0.00	12.38 0.60 0.00	11.42 0.55 0.00	13.75 0.60 0.00	3.12 0.19 0.00	8.53 0.58 0.00	28.97 1.86 0.00	37.17 2.52 0.00	59.16 3.94 0.00	127.89 6.99 -33.17	118.67 8.12 0.00	87.46 5.89 0.00	80.01 5.20 0.00	91.37 5.76 0.00	88.09 5.28 0.00	99.24 5.43 0.00
HOLTSVILLE_IC_2 23691	51.87 2.28 0.00	44.37 1.97 0.00	36.97 1.56 0.00	37.56 1.45 0.00	39.11 1.44 0.00	49.10 2.20 0.00	48.16 2.45 0.00	43.95 2.39 0.00	31.96 1.51 0.00	12.33 0.55 0.00	11.38 0.50 0.00	13.70 0.55 0.00	3.11 0.18 0.00	8.49 0.55 0.00	28.86 1.75 0.00	36.99 2.35 0.00	58.82 3.61 0.00	127.27 6.38 -33.17	117.89 7.33 0.00	86.89 5.31 0.00	79.48 4.68 0.00	90.79 5.18 0.00	87.55 4.73 0.00	98.69 4.88 0.00
HOLTSVILLE_IC_3 23692	51.87 2.28 0.00	44.37 1.97 0.00	36.97 1.56 0.00	37.56 1.45 0.00	39.11 1.44 0.00	49.10 2.20 0.00	48.16 2.45 0.00	43.95 2.39 0.00	31.96 1.51 0.00	12.33 0.55 0.00	11.38 0.50 0.00	13.70 0.55 0.00	3.11 0.18 0.00	8.49 0.55 0.00	28.86 1.75 0.00	36.99 2.35 0.00	58.82 3.61 0.00	127.27 6.38 -33.17	117.89 7.33 0.00	86.89 5.31 0.00	79.48 4.68 0.00	90.79 5.18 0.00	87.55 4.73 0.00	98.69 4.88 0.00
HOLTSVILLE_IC_4 23693	51.87 2.28 0.00	44.37 1.97 0.00	36.97 1.56 0.00	37.56 1.45 0.00	39.11 1.44 0.00	49.10 2.20 0.00	48.16 2.45 0.00	43.95 2.39 0.00	31.96 1.51 0.00	12.33 0.55 0.00	11.38 0.50 0.00	13.70 0.55 0.00	3.11 0.18 0.00	8.49 0.55 0.00	28.86 1.75 0.00	36.99 2.35 0.00	58.82 3.61 0.00	127.27 6.38 -33.17	117.89 7.33 0.00	86.89 5.31 0.00	79.48 4.68 0.00	90.79 5.18 0.00	87.55 4.73 0.00	98.69 4.88 0.00
HOLTSVILLE_IC_5 23694	51.87 2.28 0.00	44.37 1.97 0.00	36.97 1.56 0.00	37.56 1.45 0.00	39.11 1.44 0.00	49.10 2.20 0.00	48.16 2.45 0.00	43.95 2.39 0.00	31.96 1.51 0.00	12.33 0.55 0.00	11.38 0.50 0.00	13.70 0.55 0.00	3.11 0.18 0.00	8.49 0.55 0.00	28.86 1.75 0.00	36.99 2.35 0.00	58.82 3.61 0.00	127.27 6.38 -33.17	117.89 7.33 0.00	86.89 5.31 0.00	79.48 4.68 0.00	90.79 5.18 0.00	87.55 4.73 0.00	98.69 4.88 0.00
HOLTSVILLE_IC_6 23695	52.14 2.55 0.00	44.60 2.21 0.00	37.15 1.74 0.00	37.74 1.63 0.00	39.30 1.64 0.00	49.34 2.44 0.00	48.41 2.70 0.00	44.18 2.61 0.00	32.11 1.65 0.00	12.38 0.60 0.00	11.42 0.55 0.00	13.75 0.60 0.00	3.12 0.19 0.00	8.53 0.58 0.00	28.97 1.86 0.00	37.17 2.52 0.00	59.16 3.94 0.00	127.89 6.99 -33.17	118.67 8.12 0.00	87.46 5.89 0.00	80.01 5.20 0.00	91.37 5.76 0.00	88.09 5.28 0.00	99.24 5.43 0.00
HOLTSVILLE_IC_7 23696	52.14 2.55 0.00	44.60 2.21 0.00	37.15 1.74 0.00	37.74 1.63 0.00	39.30 1.64 0.00	49.34 2.44 0.00	48.41 2.70 0.00	44.18 2.61 0.00	32.11 1.65 0.00	12.38 0.60 0.00	11.42 0.55 0.00	13.75 0.60 0.00	3.12 0.19 0.00	8.53 0.58 0.00	28.97 1.86 0.00	37.17 2.52 0.00	59.16 3.94 0.00	127.89 6.99 -33.17	118.67 8.12 0.00	87.46 5.89 0.00	80.01 5.20 0.00	91.37 5.76 0.00	88.09 5.28 0.00	99.24 5.43 0.00
HOLTSVILLE_IC_8 23697	52.14 2.55 0.00	44.60 2.21 0.00	37.15 1.74 0.00	37.74 1.63 0.00	39.30 1.64 0.00	49.34 2.44 0.00	48.41 2.70 0.00	44.18 2.61 0.00	32.11 1.65 0.00	12.38 0.60 0.00	11.42 0.55 0.00	13.75 0.60 0.00	3.12 0.19 0.00	8.53 0.58 0.00	28.97 1.86 0.00	37.17 2.52 0.00	59.16 3.94 0.00	127.89 6.99 -33.17	118.67 8.12 0.00	87.46 5.89 0.00	80.01 5.20 0.00	91.37 5.76 0.00	88.09 5.28 0.00	99.24 5.43 0.00
HOLTSVILLE_IC_9 23698	52.14 2.55 0.00	44.60 2.21 0.00	37.15 1.74 0.00	37.74 1.63 0.00	39.30 1.64 0.00	49.34 2.44 0.00	48.41 2.70 0.00	44.18 2.61 0.00	32.11 1.65 0.00	12.38 0.60 0.00	11.42 0.55 0.00	13.75 0.60 0.00	3.12 0.19 0.00	8.53 0.58 0.00	28.97 1.86 0.00	37.17 2.52 0.00	59.16 3.94 0.00	127.89 6.99 -33.17	118.67 8.12 0.00	87.46 5.89 0.00	80.01 5.20 0.00	91.37 5.76 0.00	88.09 5.28 0.00	99.24 5.43 0.00
HOMER_HL_115KV_TB2 355744	48.42 -1.17 0.00	41.76 -0.63 0.00	34.56 -0.85 0.00	35.43 -0.68 0.00	36.94 -0.73 0.00	45.86 -1.03 0.00	43.93 -1.78 0.00	40.11 -1.45 0.00	29.27 -1.18 0.00	11.42 -0.35 0.00	10.72 -0.16 0.00	13.10 -0.05 0.00	3.00 0.07 0.00	8.16 0.21 0.00	27.22 0.12 0.00	34.30 -0.35 0.00	54.11 -1.11 0.00	84.83 -2.89 0.00	106.08 -4.48 0.00	78.41 -3.17 0.00	71.40 -3.40 0.00	82.33 -3.29 0.00	80.91 -1.91 0.00	92.93 -0.88 0.00
HOWARD_WT_PWR 323690	45.97 -3.62 0.00	39.84 -2.56 0.00	32.76 -2.65 0.00	33.43 -2.68 0.00	34.96 -2.71 0.00	43.66 -3.23 0.00	42.54 -3.16 0.00	39.24 -2.33 0.00	28.58 -1.87 0.00	10.94 -0.83 0.00	10.13 -0.74 0.00	12.37 -0.79 0.00	2.83 -0.10 0.00	7.65 -0.29 0.00	25.78 -1.33 0.00	32.88 -1.77 0.00	52.65 -2.56 0.00	84.22 -3.50 0.00	106.05 -4.51 0.00	78.55 -3.02 0.00	71.60 -3.20 0.00	81.61 -4.01 0.00	79.73 -3.09 0.00	91.89 -1.91 0.00

HQ_GEN_CEDARS 23644	51.36 1.77 0.00	43.96 1.58 0.00	36.68 1.27 0.00	37.48 1.37 0.00	39.19 1.52 0.00	48.66 1.77 0.00	47.10 1.39 0.00	42.64 1.08 0.00	31.33 0.87 0.00	12.13 0.35 0.00	11.18 0.30 0.00	13.57 0.41 0.00	2.94 0.01 0.00	7.93 -0.01 0.00	27.27 0.16 0.00	34.74 0.10 0.00	55.66 0.45 0.00	88.42 0.70 0.00	111.20 0.64 0.00	81.76 0.18 0.00	75.44 0.64 0.00	86.38 0.76 0.00	83.51 0.70 0.00	95.19 1.39 0.00
HQ_GEN_CEDARS_PROXY 323590	51.35 1.76 0.00	43.96 1.58 0.00	36.68 1.27 0.00	37.48 1.37 0.00	39.19 1.52 0.00	48.66 1.77 0.00	47.10 1.39 0.00	42.64 1.08 0.00	31.33 0.88 0.00	12.13 0.35 0.00	11.18 0.30 0.00	13.57 0.41 0.00	2.94 0.01 0.00	7.93 -0.01 0.00	27.27 0.16 0.00	34.74 0.10 0.00	55.66 0.45 0.00	88.42 0.70 0.00	111.20 0.64 0.00	81.76 0.19 0.00	75.44 0.64 0.00	86.38 0.76 0.00	83.51 0.69 0.00	95.19 1.39 0.00
HQ_GEN_IMPORT 323601	50.23 0.64 0.00	42.99 0.59 0.00	35.87 0.46 0.00	36.62 0.51 0.00	38.26 0.59 0.00	47.58 0.68 0.00	46.22 0.51 0.00	41.94 0.38 0.00	30.80 0.34 0.00	11.92 0.15 0.00	8.15 0.12 2.84	13.32 0.17 0.00	8.79 -0.02 -5.88	4.24 -0.08 3.63	27.05 -0.06 0.00	34.68 0.04 0.00	55.40 0.18 0.00	87.75 0.03 0.00	109.21 -0.17 1.18	81.32 -0.25 0.00	75.03 0.23 0.00	85.88 0.20 -0.07	82.90 0.08 0.00	94.27 0.46 0.00
HQ_GEN_WHEEL 23651	50.23 0.64 0.00	42.99 0.59 0.00	35.87 0.46 0.00	36.62 0.51 0.00	38.26 0.59 0.00	47.58 0.68 0.00	46.22 0.51 0.00	41.94 0.38 0.00	30.80 0.34 0.00	11.92 0.15 0.00	8.15 0.12 2.84	13.32 0.17 0.00	8.79 -0.02 -5.88	4.24 -0.08 3.63	27.05 -0.06 0.00	34.68 0.04 0.00	55.40 0.18 0.00	87.75 0.03 0.00	109.21 -0.17 1.18	81.32 -0.25 0.00	75.03 0.23 0.00	85.88 0.20 -0.07	82.90 0.08 0.00	94.27 0.46 0.00
HUDSON AVE_GT_3 23810	51.25 1.66 0.00	43.71 1.32 0.00	36.35 0.94 0.00	37.00 0.89 0.00	38.54 0.87 0.00	48.22 1.33 0.00	47.27 1.56 0.00	43.19 1.63 0.00	31.49 1.04 0.00	12.22 0.45 0.00	11.38 0.50 0.00	13.75 0.59 0.00	3.12 0.20 0.00	8.50 0.56 0.00	28.78 1.67 0.00	36.72 2.08 0.00	58.07 2.85 0.00	92.19 4.47 0.00	116.31 5.75 0.00	85.95 4.38 0.00	78.29 3.49 0.00	89.53 3.92 0.00	86.57 3.75 0.00	97.43 3.62 0.00
HUDSON AVE_GT_4 23540	51.25 1.66 0.00	43.71 1.32 0.00	36.35 0.94 0.00	37.00 0.89 0.00	38.54 0.87 0.00	48.22 1.33 0.00	47.27 1.56 0.00	43.19 1.63 0.00	31.49 1.04 0.00	12.22 0.45 0.00	11.38 0.50 0.00	13.75 0.59 0.00	3.12 0.20 0.00	8.50 0.56 0.00	28.78 1.67 0.00	36.72 2.08 0.00	58.07 2.85 0.00	92.19 4.47 0.00	116.31 5.75 0.00	85.95 4.38 0.00	78.29 3.49 0.00	89.53 3.92 0.00	86.57 3.75 0.00	97.43 3.62 0.00
HUDSON AVE_GT_5 23657	51.25 1.66 0.00	43.71 1.32 0.00	36.35 0.94 0.00	37.00 0.89 0.00	38.54 0.87 0.00	48.22 1.33 0.00	47.27 1.56 0.00	43.19 1.63 0.00	31.49 1.04 0.00	12.22 0.45 0.00	11.38 0.50 0.00	13.75 0.59 0.00	3.12 0.20 0.00	8.50 0.56 0.00	28.78 1.67 0.00	36.72 2.08 0.00	58.07 2.85 0.00	92.19 4.47 0.00	116.31 5.75 0.00	85.95 4.38 0.00	78.29 3.49 0.00	89.53 3.92 0.00	86.57 3.75 0.00	97.43 3.62 0.00
HUDSON_AVE_10 24168	51.03 1.44 0.00	43.50 1.11 0.00	36.16 0.75 0.00	36.81 0.70 0.00	38.32 0.65 0.00	47.96 1.07 0.00	47.10 1.39 0.00	43.06 1.49 0.00	31.39 0.94 0.00	12.19 0.41 0.00	11.36 0.49 0.00	13.69 0.54 0.00	3.12 0.19 0.00	8.47 0.53 0.00	28.69 1.58 0.00	36.61 1.96 0.00	57.89 2.67 0.00	91.83 4.10 0.00	115.82 5.26 0.00	85.61 4.04 0.00	77.98 3.18 0.00	89.18 3.57 0.00	86.24 3.42 0.00	97.06 3.25 0.00
HUDSON___115KV_TB 4 355613	51.84 2.25 0.00	44.24 1.85 0.00	36.93 1.52 0.00	37.61 1.50 0.00	39.19 1.52 0.00	48.84 1.94 0.00	47.68 1.97 0.00	43.20 1.63 0.00	31.33 0.88 0.00	12.01 0.24 0.00	11.04 0.17 0.00	13.32 0.17 0.00	3.00 0.07 0.00	8.15 0.20 0.00	27.75 0.64 0.00	35.51 0.86 0.00	57.08 1.86 0.00	91.73 4.01 0.00	116.29 5.73 0.00	85.88 4.30 0.00	78.54 3.73 0.00	89.89 4.27 0.00	86.95 4.13 0.00	98.70 4.90 0.00
HUNTER MOUNT___DRP 323613	52.24 2.65 0.00	44.60 2.21 0.00	37.22 1.81 0.00	37.92 1.80 0.00	39.52 1.85 0.00	49.27 2.37 0.00	48.13 2.42 0.00	43.60 2.03 0.00	31.60 1.15 0.00	12.10 0.32 0.00	11.11 0.23 0.00	13.40 0.25 0.00	3.01 0.08 0.00	8.18 0.24 0.00	27.89 0.78 0.00	35.73 1.08 0.00	57.58 2.36 0.00	92.68 4.96 0.00	117.61 7.05 0.00	86.81 5.23 0.00	79.37 4.57 0.00	90.82 5.20 0.00	87.77 4.96 0.00	99.51 5.70 0.00
HUNTINGTON_RES_REC 323705	51.75 2.15 0.00	44.23 1.84 0.00	36.85 1.44 0.00	37.44 1.33 0.00	38.99 1.32 0.00	48.93 2.03 0.00	47.99 2.28 0.00	43.79 2.22 0.00	31.86 1.41 0.00	12.30 0.53 0.00	11.36 0.49 0.00	13.69 0.54 0.00	3.11 0.18 0.00	8.49 0.55 0.00	28.83 1.72 0.00	36.94 2.30 0.00	58.63 3.42 0.00	126.96 6.06 -33.17	117.78 7.22 0.00	86.79 5.21 0.00	79.30 4.50 0.00	90.63 5.02 0.00	87.47 4.65 0.00	98.64 4.83 0.00
HUNTLEY___63 23557	46.31 -3.28 0.00	39.70 -2.69 0.00	32.79 -2.62 0.00	33.74 -2.37 0.00	35.22 -2.45 0.00	43.67 -3.22 0.00	41.66 -4.05 0.00	38.12 -3.45 0.00	28.08 -2.37 0.00	11.02 -0.75 0.00	10.26 -0.61 0.00	12.46 -0.69 0.00	2.87 -0.06 0.00	7.74 -0.20 0.00	25.98 -1.13 0.00	32.80 -1.85 0.00	51.68 -3.53 0.00	81.52 -6.20 0.00	101.77 -8.79 0.00	75.26 -6.32 0.00	68.62 -6.18 0.00	78.43 -7.19 0.00	77.01 -5.81 0.00	88.72 -5.09 0.00
HUNTLEY___64 23558	46.31 -3.28 0.00	39.70 -2.69 0.00	32.79 -2.62 0.00	33.74 -2.37 0.00	35.22 -2.45 0.00	43.67 -3.22 0.00	41.66 -4.05 0.00	38.12 -3.45 0.00	28.08 -2.37 0.00	11.02 -0.75 0.00	10.26 -0.61 0.00	12.46 -0.69 0.00	2.87 -0.06 0.00	7.74 -0.20 0.00	25.98 -1.13 0.00	32.80 -1.85 0.00	51.68 -3.53 0.00	81.52 -6.20 0.00	101.77 -8.79 0.00	75.26 -6.32 0.00	68.62 -6.18 0.00	78.43 -7.19 0.00	77.01 -5.81 0.00	88.72 -5.09 0.00
HUNTLEY___65 23559	46.31 -3.28 0.00	39.70 -2.69 0.00	32.79 -2.62 0.00	33.74 -2.37 0.00	35.22 -2.45 0.00	43.67 -3.22 0.00	41.66 -4.05 0.00	38.12 -3.45 0.00	28.08 -2.37 0.00	11.02 -0.75 0.00	10.26 -0.61 0.00	12.46 -0.69 0.00	2.87 -0.06 0.00	7.74 -0.20 0.00	25.98 -1.13 0.00	32.80 -1.85 0.00	51.68 -3.53 0.00	81.52 -6.20 0.00	101.77 -8.79 0.00	75.26 -6.32 0.00	68.62 -6.18 0.00	78.43 -7.19 0.00	77.01 -5.81 0.00	88.72 -5.09 0.00
HUNTLEY___66 23560	46.31 -3.28 0.00	39.70 -2.69 0.00	32.79 -2.62 0.00	33.74 -2.37 0.00	35.22 -2.45 0.00	43.67 -3.22 0.00	41.66 -4.05 0.00	38.12 -3.45 0.00	28.08 -2.37 0.00	11.02 -0.75 0.00	10.26 -0.61 0.00	12.46 -0.69 0.00	2.87 -0.06 0.00	7.74 -0.20 0.00	25.98 -1.13 0.00	32.80 -1.85 0.00	51.68 -3.53 0.00	81.52 -6.20 0.00	101.77 -8.79 0.00	75.26 -6.32 0.00	68.62 -6.18 0.00	78.43 -7.19 0.00	77.01 -5.81 0.00	88.72 -5.09 0.00



HUNTLEY___67 23561	46.22 -3.37 0.00	39.61 -2.79 0.00	32.75 -2.66 0.00	33.69 -2.42 0.00	35.19 -2.48 0.00	43.67 -3.22 0.00	41.71 -4.00 0.00	38.14 -3.42 0.00	28.10 -2.36 0.00	11.02 -0.75 0.00	10.27 -0.60 0.00	12.47 -0.68 0.00	2.87 -0.06 0.00	7.75 -0.19 0.00	26.01 -1.11 0.00	32.85 -1.80 0.00	51.83 -3.38 0.00	81.85 -5.87 0.00	102.30 -8.26 0.00	75.67 -5.91 0.00	69.00 -5.80 0.00	78.89 -6.72 0.00	77.36 -5.45 0.00	89.08 -4.73 0.00
HUNTLEY___68 23562	46.22 -3.37 0.00	39.61 -2.79 0.00	32.75 -2.66 0.00	33.69 -2.42 0.00	35.19 -2.48 0.00	43.67 -3.22 0.00	41.71 -4.00 0.00	38.14 -3.42 0.00	28.10 -2.36 0.00	11.02 -0.75 0.00	10.27 -0.60 0.00	12.47 -0.68 0.00	2.87 -0.06 0.00	7.75 -0.19 0.00	26.01 -1.11 0.00	32.85 -1.80 0.00	51.83 -3.38 0.00	81.85 -5.87 0.00	102.30 -8.26 0.00	75.67 -5.91 0.00	69.00 -5.80 0.00	78.89 -6.72 0.00	77.36 -5.45 0.00	89.08 -4.73 0.00
HYLAND___LFG 323620	49.50 -0.09 0.00	42.43 0.04 0.00	35.13 -0.28 0.00	36.00 -0.11 0.00	37.60 -0.07 0.00	46.88 -0.02 0.00	45.34 -0.36 0.00	41.58 0.01 0.00	30.21 -0.24 0.00	11.59 -0.19 0.00	10.63 -0.25 0.00	12.82 -0.34 0.00	2.92 -0.01 0.00	7.92 -0.02 0.00	26.76 -0.35 0.00	34.46 -0.19 0.00	55.20 -0.02 0.00	88.67 0.94 0.00	111.96 1.41 0.00	83.02 1.45 0.00	75.67 0.87 0.00	86.38 0.76 0.00	84.00 1.18 0.00	96.04 2.23 0.00
INDECK___CORINTH 23802	54.20 4.61 0.00	46.15 3.76 0.00	38.49 3.08 0.00	39.19 3.08 0.00	40.92 3.25 0.00	51.12 4.23 0.00	50.10 4.39 0.00	45.35 3.78 0.00	32.86 2.41 0.00	12.60 0.82 0.00	11.57 0.70 0.00	13.97 0.82 0.00	3.14 0.21 0.00	8.57 0.63 0.00	29.26 2.15 0.00	37.48 2.83 0.00	60.71 5.49 0.00	97.94 10.21 0.00	123.86 13.31 0.00	91.32 9.74 0.00	83.35 8.55 0.00	95.33 9.71 0.00	91.81 8.99 0.00	103.42 9.61 0.00
INDECK___ILION 23567	49.69 0.09 0.00	42.42 0.03 0.00	35.45 0.04 0.00	36.12 0.00 0.00	37.67 0.01 0.00	47.02 0.12 0.00	46.00 0.29 0.00	41.76 0.20 0.00	30.28 -0.17 0.00	11.61 -0.16 0.00	10.73 -0.15 0.00	12.95 -0.21 0.00	2.91 -0.02 0.00	7.90 -0.04 0.00	26.90 -0.21 0.00	34.50 -0.15 0.00	55.56 0.35 0.00	88.79 1.06 0.00	112.43 1.87 0.00	83.14 1.57 0.00	75.95 1.15 0.00	87.00 1.39 0.00	84.13 1.31 0.00	94.87 1.06 0.00
INDECK___OLEAN 23982	48.42 -1.17 0.00	41.76 -0.63 0.00	34.55 -0.85 0.00	35.43 -0.68 0.00	36.93 -0.73 0.00	45.86 -1.03 0.00	43.93 -1.78 0.00	40.11 -1.46 0.00	29.27 -1.18 0.00	11.42 -0.35 0.00	10.72 -0.16 0.00	13.10 -0.05 0.00	3.00 0.07 0.00	8.16 0.21 0.00	27.21 0.10 0.00	34.28 -0.37 0.00	54.11 -1.10 0.00	84.83 -2.90 0.00	106.08 -4.48 0.00	78.41 -3.16 0.00	71.40 -3.40 0.00	82.33 -3.28 0.00	80.91 -1.91 0.00	92.93 -0.88 0.00
INDECK___OSWEGO 23783	49.78 0.19 0.00	42.59 0.20 0.00	35.62 0.21 0.00	36.35 0.24 0.00	37.92 0.25 0.00	47.15 0.25 0.00	45.95 0.24 0.00	41.90 0.34 0.00	30.67 0.22 0.00	11.84 0.06 0.00	10.95 0.07 0.00	13.23 0.08 0.00	2.97 0.04 0.00	8.05 0.11 0.00	27.34 0.23 0.00	34.85 0.20 0.00	55.72 0.51 0.00	89.33 1.60 0.00	112.87 2.31 0.00	83.14 1.57 0.00	75.74 0.94 0.00	86.61 0.99 0.00	83.71 0.90 0.00	94.77 0.96 0.00
INDECK___YERKES 23781	46.34 -3.25 0.00	39.72 -2.67 0.00	32.81 -2.60 0.00	33.76 -2.35 0.00	35.24 -2.43 0.00	43.69 -3.20 0.00	41.68 -4.03 0.00	38.15 -3.41 0.00	28.09 -2.36 0.00	11.03 -0.74 0.00	10.27 -0.60 0.00	12.46 -0.69 0.00	2.87 -0.06 0.00	7.75 -0.19 0.00	25.98 -1.12 0.00	32.80 -1.85 0.00	51.68 -3.53 0.00	81.48 -6.24 0.00	101.71 -8.85 0.00	75.19 -6.38 0.00	68.57 -6.23 0.00	78.36 -7.25 0.00	76.96 -5.85 0.00	88.65 -5.16 0.00
INDIAN POINT_GT_1 24139	50.98 1.38 0.00	43.50 1.11 0.00	36.22 0.81 0.00	36.86 0.75 0.00	38.40 0.73 0.00	48.05 1.16 0.00	47.10 1.39 0.00	42.97 1.40 0.00	31.30 0.85 0.00	12.12 0.34 0.00	11.24 0.36 0.00	13.57 0.42 0.00	3.08 0.15 0.00	8.39 0.44 0.00	28.41 1.30 0.00	36.24 1.60 0.00	57.41 2.19 0.00	91.37 3.64 0.00	115.32 4.77 0.00	85.16 3.59 0.00	77.61 2.80 0.00	88.82 3.21 0.00	85.85 3.03 0.00	96.63 2.82 0.00
INDIAN POINT_GT_2 23659	50.98 1.38 0.00	43.50 1.11 0.00	36.22 0.81 0.00	36.86 0.75 0.00	38.40 0.73 0.00	48.05 1.16 0.00	47.10 1.39 0.00	42.97 1.40 0.00	31.30 0.85 0.00	12.12 0.34 0.00	11.24 0.36 0.00	13.57 0.42 0.00	3.08 0.15 0.00	8.39 0.44 0.00	28.41 1.30 0.00	36.24 1.60 0.00	57.41 2.19 0.00	91.37 3.64 0.00	115.32 4.77 0.00	85.16 3.59 0.00	77.61 2.80 0.00	88.82 3.21 0.00	85.85 3.03 0.00	96.63 2.82 0.00
INDIAN POINT_GT_3 24019	50.98 1.38 0.00	43.50 1.11 0.00	36.22 0.81 0.00	36.86 0.75 0.00	38.40 0.73 0.00	48.05 1.16 0.00	47.10 1.39 0.00	42.97 1.40 0.00	31.30 0.85 0.00	12.12 0.34 0.00	11.24 0.36 0.00	13.57 0.42 0.00	3.08 0.15 0.00	8.39 0.44 0.00	28.41 1.30 0.00	36.24 1.60 0.00	57.41 2.19 0.00	91.37 3.64 0.00	115.32 4.77 0.00	85.16 3.59 0.00	77.61 2.80 0.00	88.82 3.21 0.00	85.85 3.03 0.00	96.63 2.82 0.00
INDIAN POINT___2 23530	50.89 1.30 0.00	43.43 1.04 0.00	36.17 0.76 0.00	36.81 0.70 0.00	38.33 0.66 0.00	47.97 1.08 0.00	47.01 1.30 0.00	42.92 1.35 0.00	31.25 0.79 0.00	12.10 0.33 0.00	11.22 0.34 0.00	13.55 0.39 0.00	3.08 0.15 0.00	8.37 0.43 0.00	28.36 1.25 0.00	36.17 1.52 0.00	57.27 2.06 0.00	91.15 3.42 0.00	115.01 4.46 0.00	84.92 3.35 0.00	77.40 2.59 0.00	88.58 2.97 0.00	85.64 2.82 0.00	96.38 2.57 0.00
INDIAN POINT___3 23531	50.90 1.31 0.00	43.43 1.04 0.00	36.17 0.76 0.00	36.81 0.70 0.00	38.33 0.67 0.00	47.98 1.09 0.00	47.01 1.31 0.00	42.90 1.34 0.00	31.25 0.79 0.00	12.10 0.32 0.00	11.22 0.35 0.00	13.55 0.39 0.00	3.07 0.15 0.00	8.37 0.43 0.00	28.35 1.24 0.00	36.17 1.52 0.00	57.28 2.07 0.00	91.17 3.44 0.00	115.07 4.51 0.00	84.96 3.39 0.00	77.44 2.64 0.00	88.60 2.98 0.00	85.68 2.87 0.00	96.47 2.66 0.00
INGHAM_C_115KV_TB7 356103	49.64 0.04 0.00	42.31 -0.08 0.00	35.33 -0.08 0.00	35.95 -0.16 0.00	37.51 -0.16 0.00	46.93 0.04 0.00	46.06 0.35 0.00	41.68 0.12 0.00	29.84 -0.62 0.00	11.32 -0.45 0.00	10.44 -0.44 0.00	12.59 -0.56 0.00	2.86 -0.07 0.00	7.76 -0.19 0.00	26.35 -0.76 0.00	33.95 -0.69 0.00	55.51 0.30 0.00	89.29 1.56 0.00	113.51 2.95 0.00	84.10 2.52 0.00	76.66 1.86 0.00	87.89 2.27 0.00	84.91 2.09 0.00	95.37 1.56 0.00
IP CORINTH___1 23988	54.21 4.62 0.00	46.15 3.76 0.00	38.50 3.09 0.00	39.19 3.08 0.00	40.92 3.25 0.00	51.12 4.23 0.00	50.10 4.39 0.00	45.35 3.79 0.00	32.86 2.41 0.00	12.60 0.83 0.00	11.57 0.70 0.00	13.97 0.82 0.00	3.14 0.21 0.00	8.57 0.63 0.00	29.26 2.15 0.00	37.48 2.83 0.00	60.71 5.49 0.00	97.94 10.21 0.00	123.87 13.31 0.00	91.32 9.75 0.00	83.35 8.55 0.00	95.33 9.72 0.00	91.81 8.99 0.00	103.42 9.61 0.00

IP___TICONDEROGA 23804	56.49 6.90 0.00	47.83 5.44 0.00	39.87 4.46 0.00	40.50 4.39 0.00	42.28 4.62 0.00	52.95 6.05 0.00	51.96 6.25 0.00	46.82 5.25 0.00	33.67 3.21 0.00	12.88 1.11 0.00	11.81 0.94 0.00	14.30 1.15 0.00	3.21 0.28 0.00	8.85 0.90 0.00	30.33 3.22 0.00	38.70 4.06 0.00	63.08 7.87 0.00	102.94 15.22 0.00	131.03 20.47 0.00	96.52 14.95 0.00	88.01 13.21 0.00	100.25 14.63 0.00	96.25 13.43 0.00	108.10 14.28 0.00
ISLIP_RES_REC 323679	52.32 2.73 0.00	44.76 2.36 0.00	37.28 1.87 0.00	37.87 1.76 0.00	39.44 1.77 0.00	49.52 2.63 0.00	48.60 2.89 0.00	44.34 2.77 0.00	32.21 1.75 0.00	12.41 0.64 0.00	11.45 0.58 0.00	13.79 0.64 0.00	3.13 0.20 0.00	8.55 0.61 0.00	29.05 1.94 0.00	37.27 2.63 0.00	59.37 4.15 0.00	128.33 7.43 -33.17	119.22 8.66 0.00	87.88 6.30 0.00	80.36 5.56 0.00	91.78 6.16 0.00	88.47 5.65 0.00	99.63 5.82 0.00
JAMAICA__27_KV_LOAD 355505	51.16 1.57 0.00	43.50 1.11 0.00	36.09 0.69 0.00	36.77 0.66 0.00	38.24 0.58 0.00	47.88 0.99 0.00	47.25 1.54 0.00	43.25 1.68 0.00	31.54 1.08 0.00	12.26 0.48 0.00	11.47 0.59 0.00	13.75 0.59 0.00	3.13 0.21 0.00	8.53 0.58 0.00	28.86 1.75 0.00	36.83 2.18 0.00	58.19 2.97 0.00	92.15 4.42 0.00	116.25 5.69 0.00	85.97 4.39 0.00	78.35 3.55 0.00	89.57 3.95 0.00	86.61 3.79 0.00	97.49 3.68 0.00
JANIS___SOLAR 323808	50.46 0.86 0.00	43.21 0.82 0.00	36.02 0.61 0.00	36.90 0.78 0.00	38.54 0.87 0.00	48.11 1.22 0.00	47.11 1.40 0.00	43.11 1.54 0.00	31.44 0.98 0.00	12.01 0.24 0.00	10.89 0.02 0.00	13.10 -0.06 0.00	2.97 0.05 0.00	8.00 0.06 0.00	27.17 0.06 0.00	34.88 0.23 0.00	56.77 1.56 0.00	91.78 4.05 0.00	116.69 6.13 0.00	86.39 4.82 0.00	78.60 3.81 0.00	89.73 4.12 0.00	86.98 4.16 0.00	98.09 4.28 0.00
JARVIS____ 23743	49.62 0.03 0.00	42.39 0.00 0.00	35.44 0.03 0.00	36.13 0.02 0.00	37.67 0.00 0.00	46.94 0.05 0.00	45.84 0.13 0.00	41.68 0.11 0.00	30.48 0.02 0.00	11.76 -0.01 0.00	10.86 -0.01 0.00	13.12 -0.03 0.00	2.94 0.01 0.00	7.97 0.03 0.00	27.16 0.05 0.00	34.71 0.06 0.00	55.36 0.15 0.00	88.16 0.44 0.00	111.26 0.71 0.00	82.13 0.56 0.00	75.15 0.35 0.00	86.08 0.47 0.00	83.31 0.49 0.00	94.18 0.37 0.00
JENNISON___1 23625	49.23 -0.37 0.00	42.16 -0.23 0.00	35.13 -0.28 0.00	36.18 0.07 0.00	37.71 0.04 0.00	47.07 0.18 0.00	46.08 0.37 0.00	42.22 0.66 0.00	30.67 0.22 0.00	11.76 -0.01 0.00	10.81 -0.07 0.00	13.05 -0.10 0.00	2.96 0.03 0.00	7.97 0.02 0.00	26.97 -0.14 0.00	34.48 -0.17 0.00	56.12 0.90 0.00	90.75 3.03 0.00	115.26 4.70 0.00	85.48 3.90 0.00	77.79 2.99 0.00	88.73 3.12 0.00	86.30 3.48 0.00	96.53 2.73 0.00
JENNISON___2 23626	49.23 -0.37 0.00	42.16 -0.23 0.00	35.13 -0.28 0.00	36.18 0.07 0.00	37.71 0.04 0.00	47.07 0.18 0.00	46.08 0.37 0.00	42.22 0.66 0.00	30.67 0.22 0.00	11.76 -0.01 0.00	10.81 -0.07 0.00	13.05 -0.10 0.00	2.96 0.03 0.00	7.97 0.02 0.00	26.97 -0.14 0.00	34.48 -0.17 0.00	56.12 0.90 0.00	90.75 3.03 0.00	115.26 4.70 0.00	85.48 3.90 0.00	77.79 2.99 0.00	88.73 3.12 0.00	86.30 3.48 0.00	96.53 2.73 0.00
JERICHO_RISE_WT_PWR 323719	50.08 0.08 -0.40	42.61 0.22 0.00	35.56 0.15 0.00	36.38 0.27 0.00	38.11 0.45 0.00	47.32 0.42 0.00	45.85 0.14 0.00	41.50 -0.06 0.00	30.51 0.06 0.00	11.84 0.06 0.00	10.88 0.00 0.00	13.20 0.04 0.00	2.87 -0.06 0.00	7.73 -0.21 0.00	26.56 -0.55 0.00	34.03 -0.61 0.00	54.64 -0.57 0.00	86.94 -0.79 0.00	109.99 -0.57 0.00	80.57 -1.00 0.00	74.41 -0.39 0.00	85.02 -0.60 0.00	82.26 -0.56 0.00	93.84 0.03 0.00
KATONAH__115KV_46KV_TB4 355592	51.56 1.97 0.00	44.00 1.61 0.00	36.63 1.22 0.00	37.28 1.17 0.00	38.86 1.19 0.00	48.61 1.72 0.00	47.66 1.96 0.00	43.48 1.92 0.00	31.69 1.24 0.00	12.26 0.49 0.00	11.37 0.49 0.00	13.73 0.57 0.00	3.11 0.18 0.00	8.47 0.53 0.00	28.70 1.59 0.00	36.62 1.98 0.00	58.16 2.94 0.00	92.68 4.95 0.00	117.07 6.52 0.00	86.49 4.91 0.00	78.83 4.03 0.00	90.16 4.54 0.00	87.10 4.27 0.00	98.01 4.20 0.00
KCE_NY_1 323755	52.84 3.25 0.00	44.97 2.58 0.00	37.51 2.10 0.00	38.17 2.06 0.00	39.84 2.18 0.00	49.71 2.82 0.00	48.71 3.01 0.00	44.15 2.58 0.00	32.03 1.58 0.00	12.31 0.53 0.00	11.33 0.46 0.00	13.66 0.50 0.00	3.08 0.15 0.00	8.37 0.43 0.00	28.57 1.46 0.00	36.60 1.95 0.00	59.04 3.82 0.00	94.81 7.08 0.00	119.72 9.16 0.00	88.18 6.61 0.00	80.65 5.85 0.00	92.38 6.77 0.00	88.99 6.17 0.00	100.38 6.57 0.00
KCE_NY_6_ESR 323823	47.05 -2.54 0.00	40.32 -2.07 0.00	33.31 -2.10 0.00	34.27 -1.84 0.00	35.80 -1.87 0.00	44.50 -2.40 0.00	42.57 -3.14 0.00	38.91 -2.66 0.00	28.60 -1.85 0.00	11.21 -0.56 0.00	10.44 -0.43 0.00	12.68 -0.47 0.00	2.91 -0.01 0.00	7.88 -0.07 0.00	26.39 -0.72 0.00	33.38 -1.27 0.00	52.81 -2.40 0.00	83.44 -4.28 0.00	104.32 -6.24 0.00	77.18 -4.39 0.00	70.36 -4.45 0.00	80.48 -5.13 0.00	78.87 -3.95 0.00	90.76 -3.05 0.00
KEDC_PORT_JEFF_GT2 24210	52.09 2.50 0.00	44.55 2.16 0.00	37.12 1.71 0.00	37.72 1.61 0.00	39.27 1.60 0.00	49.29 2.40 0.00	48.36 2.65 0.00	44.13 2.57 0.00	32.07 1.62 0.00	12.37 0.60 0.00	11.41 0.54 0.00	13.75 0.59 0.00	3.12 0.19 0.00	8.52 0.58 0.00	28.96 1.85 0.00	37.14 2.49 0.00	59.10 3.89 0.00	127.81 6.91 -33.17	118.56 8.00 0.00	87.38 5.81 0.00	79.92 5.12 0.00	91.27 5.66 0.00	88.00 5.18 0.00	99.14 5.33 0.00
KEDC_PORT_JEFF_GT3 24211	52.09 2.50 0.00	44.55 2.16 0.00	37.12 1.71 0.00	37.72 1.61 0.00	39.27 1.60 0.00	49.29 2.40 0.00	48.36 2.65 0.00	44.13 2.57 0.00	32.07 1.62 0.00	12.37 0.60 0.00	11.41 0.54 0.00	13.75 0.59 0.00	3.12 0.19 0.00	8.52 0.58 0.00	28.96 1.85 0.00	37.14 2.49 0.00	59.10 3.89 0.00	127.81 6.91 -33.17	118.56 8.00 0.00	87.38 5.81 0.00	79.92 5.12 0.00	91.27 5.66 0.00	88.00 5.18 0.00	99.14 5.33 0.00
KEDC_GLWD_GT4 24219	51.78 2.19 0.00	44.25 1.86 0.00	36.83 1.42 0.00	37.47 1.36 0.00	39.02 1.35 0.00	48.90 2.00 0.00	47.94 2.23 0.00	43.74 2.17 0.00	31.87 1.42 0.00	12.35 0.57 0.00	11.44 0.56 0.00	13.81 0.65 0.00	3.13 0.21 0.00	8.55 0.60 0.00	28.97 1.86 0.00	37.05 2.41 0.00	58.72 3.50 0.00	126.43 5.54 -33.17	117.41 6.85 0.00	86.62 5.04 0.00	79.04 4.23 0.00	90.32 4.71 0.00	87.23 4.41 0.00	98.29 4.49 0.00
KEDC_GLWD_GT5 24220	51.78 2.19 0.00	44.25 1.86 0.00	36.83 1.42 0.00	37.47 1.36 0.00	39.02 1.35 0.00	48.90 2.00 0.00	47.94 2.23 0.00	43.74 2.17 0.00	31.87 1.42 0.00	12.35 0.57 0.00	11.44 0.56 0.00	13.81 0.65 0.00	3.13 0.21 0.00	8.55 0.60 0.00	28.97 1.86 0.00	37.05 2.41 0.00	58.72 3.50 0.00	126.43 5.54 -33.17	117.41 6.85 0.00	86.62 5.04 0.00	79.04 4.23 0.00	90.32 4.71 0.00	87.23 4.41 0.00	98.29 4.49 0.00

KENSICO____ 23655	51.11 1.52 0.00	43.61 1.22 0.00	36.31 0.90 0.00	36.94 0.83 0.00	38.48 0.81 0.00	48.16 1.27 0.00	47.20 1.49 0.00	43.07 1.50 0.00	31.39 0.93 0.00	12.16 0.38 0.00	11.28 0.40 0.00	13.63 0.47 0.00	3.09 0.16 0.00	8.42 0.48 0.00	28.52 1.41 0.00	36.39 1.74 0.00	57.63 2.42 0.00	91.66 3.93 0.00	115.68 5.12 0.00	85.44 3.87 0.00	77.88 3.07 0.00	89.10 3.48 0.00	86.14 3.32 0.00	96.98 3.17 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	51.73 2.14 0.00	44.14 1.75 0.00	36.76 1.36 0.00	37.44 1.33 0.00	39.02 1.35 0.00	48.82 1.93 0.00	47.83 2.12 0.00	43.63 2.06 0.00	31.71 1.26 0.00	12.21 0.44 0.00	11.28 0.40 0.00	13.61 0.46 0.00	3.08 0.15 0.00	8.38 0.44 0.00	28.39 1.28 0.00	36.33 1.69 0.00	57.91 2.70 0.00	92.70 4.97 0.00	117.30 6.75 0.00	86.65 5.07 0.00	78.98 4.17 0.00	90.31 4.70 0.00	87.25 4.44 0.00	98.13 4.31 0.00
KIAC_JFK_GT1 23816	50.65 1.06 0.00	43.07 0.68 0.00	35.74 0.33 0.00	36.39 0.28 0.00	37.86 0.19 0.00	47.40 0.51 0.00	46.76 1.05 0.00	42.82 1.25 0.00	31.23 0.78 0.00	12.14 0.36 0.00	11.36 0.48 0.00	13.62 0.46 0.00	3.10 0.18 0.00	8.44 0.50 0.00	28.57 1.47 0.00	36.47 1.83 0.00	57.59 2.38 0.00	91.21 3.48 0.00	115.05 4.49 0.00	85.08 3.51 0.00	77.53 2.73 0.00	88.63 3.02 0.00	85.70 2.88 0.00	96.47 2.66 0.00
KIAC_JFK_GT2 23817	50.65 1.06 0.00	43.07 0.68 0.00	35.74 0.33 0.00	36.39 0.28 0.00	37.86 0.19 0.00	47.40 0.51 0.00	46.76 1.05 0.00	42.82 1.25 0.00	31.23 0.78 0.00	12.14 0.36 0.00	11.36 0.48 0.00	13.62 0.46 0.00	3.10 0.18 0.00	8.44 0.50 0.00	28.57 1.47 0.00	36.47 1.83 0.00	57.59 2.38 0.00	91.21 3.48 0.00	115.05 4.49 0.00	85.08 3.51 0.00	77.53 2.73 0.00	88.63 3.02 0.00	85.70 2.88 0.00	96.47 2.66 0.00
KIAC_JFK____ 323774	50.65 1.06 0.00	43.07 0.68 0.00	35.74 0.33 0.00	36.39 0.28 0.00	37.86 0.19 0.00	47.41 0.51 0.00	46.76 1.05 0.00	42.82 1.25 0.00	31.23 0.77 0.00	12.14 0.36 0.00	11.36 0.48 0.00	13.62 0.47 0.00	3.10 0.18 0.00	8.44 0.50 0.00	28.58 1.47 0.00	36.48 1.83 0.00	57.59 2.38 0.00	91.21 3.48 0.00	115.05 4.50 0.00	85.08 3.50 0.00	77.53 2.73 0.00	88.62 3.01 0.00	85.69 2.87 0.00	96.46 2.66 0.00
KINTIGH____ 23543	46.15 -3.45 0.00	39.55 -2.84 0.00	32.78 -2.63 0.00	33.66 -2.45 0.00	35.14 -2.52 0.00	43.59 -3.31 0.00	41.75 -3.95 0.00	38.16 -3.40 0.00	28.11 -2.35 0.00	11.01 -0.77 0.00	10.25 -0.63 0.00	12.44 -0.72 0.00	2.85 -0.08 0.00	7.71 -0.23 0.00	25.94 -1.17 0.00	32.80 -1.85 0.00	51.75 -3.46 0.00	81.73 -5.99 0.00	102.27 -8.28 0.00	75.58 -6.00 0.00	68.95 -5.85 0.00	78.84 -6.78 0.00	77.17 -5.65 0.00	88.56 -5.25 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	53.09 0.07 -3.43	42.83 0.44 0.00	35.75 0.33 0.00	36.56 0.45 0.00	38.39 0.72 0.00	47.59 0.70 0.00	46.10 0.39 0.00	41.76 0.19 0.00	30.64 0.19 0.00	11.91 0.14 0.00	10.91 0.04 0.00	13.23 0.08 0.00	2.89 -0.03 0.00	7.80 -0.14 0.00	26.63 -0.48 0.00	34.01 -0.64 0.00	54.86 -0.35 0.00	87.36 -0.37 0.00	111.29 0.74 0.00	81.12 -0.46 0.00	75.00 0.19 0.00	85.62 0.00 0.00	82.98 0.16 0.00	94.57 0.76 0.00
LACHUTE__HYDRO 323717	56.49 6.89 0.00	47.83 5.44 0.00	39.87 4.46 0.00	40.50 4.39 0.00	42.28 4.62 0.00	52.95 6.05 0.00	51.96 6.25 0.00	46.81 5.25 0.00	33.67 3.21 0.00	12.88 1.11 0.00	11.82 0.94 0.00	14.30 1.15 0.00	3.21 0.28 0.00	8.85 0.90 0.00	30.33 3.22 0.00	38.70 4.06 0.00	63.08 7.87 0.00	102.94 15.21 0.00	131.02 20.47 0.00	96.52 14.95 0.00	88.01 13.20 0.00	100.25 14.63 0.00	96.25 13.43 0.00	108.09 14.28 0.00
LAWRNCV_115KV_TB1 80681	51.49 1.90 0.00	44.11 1.72 0.00	36.81 1.40 0.00	37.63 1.52 0.00	39.36 1.69 0.00	48.76 1.86 0.00	47.07 1.36 0.00	42.61 1.05 0.00	31.22 0.76 0.00	12.06 0.29 0.00	11.14 0.27 0.00	13.54 0.39 0.00	2.93 0.00 0.00	7.89 -0.05 0.00	27.14 0.03 0.00	34.60 -0.05 0.00	55.50 0.28 0.00	88.42 0.69 0.00	111.26 0.70 0.00	81.77 0.20 0.00	75.38 0.57 0.00	86.48 0.87 0.00	83.82 1.00 0.00	95.67 1.87 0.00
LEDERLE____ 23769	51.06 1.47 0.00	43.57 1.19 0.00	36.29 0.88 0.00	36.91 0.80 0.00	38.45 0.78 0.00	48.14 1.24 0.00	47.17 1.46 0.00	43.05 1.48 0.00	31.34 0.88 0.00	12.13 0.36 0.00	11.24 0.37 0.00	13.58 0.43 0.00	3.09 0.16 0.00	8.40 0.45 0.00	28.44 1.32 0.00	36.26 1.62 0.00	57.43 2.22 0.00	91.44 3.72 0.00	115.44 4.89 0.00	85.19 3.62 0.00	77.62 2.82 0.00	88.85 3.23 0.00	85.88 3.07 0.00	96.69 2.88 0.00
LIGHTHSE_115KV_TB6 355974	49.77 0.18 0.00	42.64 0.25 0.00	35.68 0.27 0.00	36.43 0.32 0.00	38.02 0.36 0.00	47.20 0.31 0.00	46.02 0.32 0.00	41.93 0.37 0.00	30.54 0.08 0.00	11.75 -0.02 0.00	10.85 -0.03 0.00	13.11 -0.05 0.00	2.92 0.00 0.00	7.92 -0.03 0.00	26.93 -0.18 0.00	34.28 -0.37 0.00	55.09 -0.13 0.00	89.21 1.48 0.00	113.12 2.56 0.00	83.18 1.61 0.00	75.59 0.79 0.00	86.62 1.01 0.00	83.66 0.84 0.00	94.74 0.93 0.00
LINDEN COGEN____ 23786	15.50 1.19 35.28	30.00 0.93 13.32	30.00 0.62 6.03	30.00 0.56 6.67	30.00 0.53 8.20	30.00 0.91 17.81	30.00 1.16 16.87	30.00 1.27 12.84	28.59 0.77 2.63	12.14 0.36 0.00	9.21 0.40 2.06	11.25 0.46 2.37	2.64 0.18 0.47	8.43 0.49 0.00	26.68 1.41 1.84	29.80 1.74 6.58	30.00 2.32 27.53	75.37 3.75 16.11	115.44 4.89 0.00	85.27 3.70 0.00	77.62 2.82 0.00	88.79 3.18 0.00	85.85 3.03 0.00	96.64 2.83 0.00
LINDHRST_69_KV_BK1 356055	52.05 2.46 0.00	44.52 2.13 0.00	37.07 1.66 0.00	37.67 1.56 0.00	39.24 1.57 0.00	49.20 2.31 0.00	48.24 2.53 0.00	44.03 2.46 0.00	32.05 1.60 0.00	12.38 0.61 0.00	11.44 0.57 0.00	13.80 0.64 0.00	3.13 0.21 0.00	8.55 0.60 0.00	29.01 1.90 0.00	37.18 2.53 0.00	59.05 3.84 0.00	127.49 6.60 -33.17	118.66 8.10 0.00	87.50 5.93 0.00	79.91 5.11 0.00	91.29 5.67 0.00	88.07 5.25 0.00	99.20 5.40 0.00
LIPA_MISC_IPP 23656	51.90 2.31 0.00	44.40 2.01 0.00	37.00 1.59 0.00	37.59 1.48 0.00	39.14 1.48 0.00	49.15 2.26 0.00	48.22 2.51 0.00	44.00 2.43 0.00	31.95 1.50 0.00	12.31 0.54 0.00	11.36 0.48 0.00	13.68 0.53 0.00	3.10 0.18 0.00	8.48 0.54 0.00	28.82 1.71 0.00	36.98 2.33 0.00	58.89 3.68 0.00	127.52 6.63 -33.17	117.85 7.29 0.00	86.86 5.28 0.00	79.54 4.75 0.00	90.85 5.23 0.00	87.56 4.74 0.00	98.65 4.84 0.00
LISF__SOLAR 323691	52.01 2.42 0.00	44.49 2.10 0.00	37.07 1.66 0.00	37.67 1.56 0.00	39.22 1.55 0.00	49.25 2.35 0.00	48.32 2.61 0.00	44.08 2.51 0.00	31.99 1.54 0.00	12.32 0.55 0.00	11.37 0.49 0.00	13.68 0.53 0.00	3.11 0.18 0.00	8.48 0.54 0.00	28.84 1.74 0.00	37.03 2.38 0.00	59.01 3.80 0.00	127.78 6.88 -33.17	118.13 7.58 0.00	87.08 5.51 0.00	79.75 4.95 0.00	91.08 5.47 0.00	87.77 4.95 0.00	98.85 5.04 0.00

LITTLE FALLS___HYD 24013	49.64 0.04 0.00	42.31 -0.08 0.00	35.33 -0.08 0.00	35.95 -0.16 0.00	37.51 -0.16 0.00	46.93 0.04 0.00	46.06 0.35 0.00	41.68 0.12 0.00	29.84 -0.62 0.00	11.32 -0.45 0.00	10.44 -0.44 0.00	12.59 -0.56 0.00	2.86 -0.07 0.00	7.76 -0.19 0.00	26.35 -0.76 0.00	33.95 -0.69 0.00	55.51 0.30 0.00	89.29 1.56 0.00	113.51 2.95 0.00	84.10 2.52 0.00	76.66 1.86 0.00	87.89 2.27 0.00	84.91 2.09 0.00	95.37 1.56 0.00
LITTLRIV_115KV_TB1 356100	52.38 2.79 0.00	44.86 2.47 0.00	37.43 2.02 0.00	38.26 2.15 0.00	40.02 2.36 0.00	49.59 2.70 0.00	47.86 2.16 0.00	43.29 1.73 0.00	31.56 1.11 0.00	12.15 0.38 0.00	11.21 0.33 0.00	13.61 0.46 0.00	2.94 0.01 0.00	7.91 -0.04 0.00	27.24 0.13 0.00	34.76 0.11 0.00	55.92 0.70 0.00	89.77 2.04 0.00	113.34 2.78 0.00	83.31 1.74 0.00	76.79 1.99 0.00	88.04 2.42 0.00	85.20 2.38 0.00	97.22 3.41 0.00
LI_NEWBRDGE___DRP 323616	51.36 1.77 0.00	43.90 1.51 0.00	36.55 1.14 0.00	37.18 1.07 0.00	38.70 1.03 0.00	48.52 1.62 0.00	47.56 1.85 0.00	43.40 1.83 0.00	31.62 1.17 0.00	12.24 0.47 0.00	11.34 0.46 0.00	13.68 0.53 0.00	3.11 0.18 0.00	8.47 0.53 0.00	28.72 1.61 0.00	36.72 2.07 0.00	58.18 2.96 0.00	125.89 4.99 -33.17	116.70 6.15 0.00	86.06 4.49 0.00	78.57 3.76 0.00	89.82 4.20 0.00	86.73 3.91 0.00	97.73 3.93 0.00
LOCKPORT_115KV_TB60_63_64 80432	46.08 -3.52 0.00	39.53 -2.86 0.00	32.67 -2.75 0.00	33.56 -2.55 0.00	35.01 -2.66 0.00	43.33 -3.57 0.00	41.17 -4.53 0.00	37.69 -3.88 0.00	27.76 -2.69 0.00	10.90 -0.88 0.00	10.14 -0.74 0.00	12.30 -0.86 0.00	2.83 -0.10 0.00	7.64 -0.30 0.00	25.65 -1.46 0.00	32.37 -2.28 0.00	51.07 -4.14 0.00	80.75 -6.98 0.00	100.85 -9.70 0.00	74.57 -7.01 0.00	68.00 -6.80 0.00	77.66 -7.96 0.00	76.38 -6.44 0.00	88.02 -5.79 0.00
LOCKPORT___CC1 323769	46.03 -3.56 0.00	39.48 -2.91 0.00	32.63 -2.78 0.00	33.52 -2.59 0.00	34.93 -2.73 0.00	43.22 -3.68 0.00	41.06 -4.64 0.00	37.57 -3.99 0.00	27.68 -2.77 0.00	10.87 -0.90 0.00	10.11 -0.76 0.00	12.27 -0.88 0.00	2.82 -0.10 0.00	7.62 -0.32 0.00	25.58 -1.53 0.00	32.28 -2.37 0.00	50.95 -4.26 0.00	80.54 -7.19 0.00	100.59 -9.96 0.00	74.37 -7.21 0.00	67.83 -6.96 0.00	77.48 -8.14 0.00	76.18 -6.64 0.00	87.80 -6.01 0.00
LOCKPORT___CC2 323770	46.03 -3.56 0.00	39.48 -2.91 0.00	32.63 -2.78 0.00	33.52 -2.59 0.00	34.93 -2.73 0.00	43.22 -3.68 0.00	41.06 -4.64 0.00	37.57 -3.99 0.00	27.68 -2.77 0.00	10.87 -0.90 0.00	10.11 -0.76 0.00	12.27 -0.88 0.00	2.82 -0.10 0.00	7.62 -0.32 0.00	25.58 -1.53 0.00	32.28 -2.37 0.00	50.95 -4.26 0.00	80.54 -7.19 0.00	100.59 -9.96 0.00	74.37 -7.21 0.00	67.83 -6.96 0.00	77.48 -8.14 0.00	76.18 -6.64 0.00	87.80 -6.01 0.00
LOCKPORT___CC3 323771	46.03 -3.56 0.00	39.48 -2.91 0.00	32.63 -2.78 0.00	33.52 -2.59 0.00	34.93 -2.73 0.00	43.22 -3.68 0.00	41.06 -4.64 0.00	37.57 -3.99 0.00	27.68 -2.77 0.00	10.87 -0.90 0.00	10.11 -0.76 0.00	12.27 -0.88 0.00	2.82 -0.10 0.00	7.62 -0.32 0.00	25.58 -1.53 0.00	32.28 -2.37 0.00	50.95 -4.26 0.00	80.54 -7.19 0.00	100.59 -9.96 0.00	74.37 -7.21 0.00	67.83 -6.96 0.00	77.48 -8.14 0.00	76.18 -6.64 0.00	87.80 -6.01 0.00
LONG_LAKE_PHOENIX 24014	49.29 -0.31 0.00	42.14 -0.25 0.00	35.23 -0.18 0.00	35.97 -0.14 0.00	37.51 -0.16 0.00	46.63 -0.26 0.00	45.45 -0.25 0.00	41.45 -0.11 0.00	30.40 -0.06 0.00	11.75 -0.03 0.00	10.87 -0.01 0.00	13.13 -0.02 0.00	2.95 0.02 0.00	8.00 0.06 0.00	27.18 0.07 0.00	34.67 0.02 0.00	55.32 0.10 0.00	88.38 0.66 0.00	111.58 1.02 0.00	82.23 0.66 0.00	74.97 0.17 0.00	85.71 0.10 0.00	82.86 0.04 0.00	93.82 0.01 0.00
LOVETT___3 23632	50.76 1.17 0.00	43.32 0.93 0.00	36.08 0.67 0.00	36.71 0.60 0.00	38.24 0.58 0.00	47.86 0.97 0.00	46.90 1.19 0.00	42.80 1.23 0.00	31.17 0.71 0.00	12.07 0.29 0.00	11.19 0.31 0.00	13.51 0.36 0.00	3.07 0.14 0.00	8.35 0.41 0.00	28.28 1.17 0.00	36.06 1.41 0.00	57.10 1.88 0.00	90.86 3.14 0.00	114.67 4.11 0.00	84.67 3.10 0.00	77.14 2.34 0.00	88.30 2.69 0.00	85.37 2.55 0.00	96.11 2.30 0.00
LOVETT___4 23642	50.76 1.17 0.00	43.32 0.93 0.00	36.08 0.67 0.00	36.71 0.60 0.00	38.24 0.58 0.00	47.86 0.97 0.00	46.90 1.19 0.00	42.80 1.23 0.00	31.17 0.71 0.00	12.07 0.29 0.00	11.19 0.31 0.00	13.51 0.36 0.00	3.07 0.14 0.00	8.35 0.41 0.00	28.28 1.17 0.00	36.06 1.41 0.00	57.10 1.88 0.00	90.86 3.14 0.00	114.67 4.11 0.00	84.67 3.10 0.00	77.14 2.34 0.00	88.30 2.69 0.00	85.37 2.55 0.00	96.11 2.30 0.00
LOVETT___5 23593	50.76 1.17 0.00	43.32 0.93 0.00	36.08 0.67 0.00	36.71 0.60 0.00	38.24 0.58 0.00	47.86 0.97 0.00	46.90 1.19 0.00	42.80 1.23 0.00	31.17 0.71 0.00	12.07 0.29 0.00	11.19 0.31 0.00	13.51 0.36 0.00	3.07 0.14 0.00	8.35 0.41 0.00	28.28 1.17 0.00	36.06 1.41 0.00	57.10 1.88 0.00	90.86 3.14 0.00	114.67 4.11 0.00	84.67 3.10 0.00	77.14 2.34 0.00	88.30 2.69 0.00	85.37 2.55 0.00	96.11 2.30 0.00
LOWER RAQUET___HYD 24057	51.53 1.94 0.00	44.16 1.77 0.00	36.85 1.44 0.00	37.67 1.56 0.00	39.41 1.74 0.00	48.79 1.90 0.00	47.05 1.34 0.00	42.61 1.04 0.00	31.18 0.73 0.00	12.05 0.27 0.00	11.13 0.26 0.00	13.53 0.38 0.00	2.92 0.00 0.00	7.88 -0.07 0.00	27.10 -0.01 0.00	34.56 -0.09 0.00	55.44 0.22 0.00	88.42 0.70 0.00	111.32 0.76 0.00	81.77 0.20 0.00	75.34 0.54 0.00	86.52 0.90 0.00	83.92 1.10 0.00	95.81 2.00 0.00
LOWER___HUDSON 24059	51.22 1.63 0.00	43.68 1.29 0.00	36.45 1.05 0.00	37.12 1.01 0.00	38.74 1.07 0.00	48.39 1.50 0.00	47.41 1.70 0.00	43.01 1.45 0.00	31.31 0.86 0.00	12.04 0.27 0.00	11.10 0.22 0.00	13.38 0.22 0.00	3.01 0.08 0.00	8.19 0.24 0.00	27.94 0.84 0.00	35.69 1.04 0.00	57.22 2.01 0.00	91.51 3.78 0.00	115.61 5.05 0.00	85.38 3.80 0.00	78.06 3.26 0.00	89.33 3.72 0.00	86.30 3.48 0.00	97.36 3.55 0.00
LOWVILLE_115KV_TB2 356335	50.87 1.28 0.00	43.81 1.42 0.00	36.76 1.35 0.00	37.52 1.40 0.00	39.23 1.56 0.00	48.72 1.82 0.00	47.67 1.97 0.00	43.41 1.85 0.00	31.41 0.96 0.00	12.03 0.26 0.00	11.07 0.19 0.00	13.35 0.20 0.00	2.94 0.01 0.00	7.90 -0.04 0.00	27.00 -0.11 0.00	34.46 -0.18 0.00	55.97 0.75 0.00	91.79 4.06 0.00	116.92 6.37 0.00	85.72 4.14 0.00	77.57 2.77 0.00	89.29 3.68 0.00	86.17 3.35 0.00	97.36 3.55 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	52.73 3.13 0.00	44.91 2.52 0.00	37.47 2.06 0.00	38.16 2.05 0.00	39.82 2.16 0.00	49.72 2.82 0.00	48.69 2.99 0.00	44.13 2.56 0.00	32.02 1.57 0.00	12.30 0.52 0.00	11.32 0.45 0.00	13.66 0.51 0.00	3.07 0.15 0.00	8.37 0.43 0.00	28.55 1.44 0.00	36.57 1.93 0.00	58.95 3.73 0.00	94.65 6.93 0.00	119.58 9.02 0.00	88.17 6.60 0.00	80.57 5.76 0.00	92.18 6.56 0.00	88.92 6.10 0.00	100.28 6.47 0.00

LUTHERNY_35_KV_BK2 355980	52.84 3.25 0.00	44.97 2.58 0.00	37.51 2.10 0.00	38.18 2.07 0.00	39.84 2.18 0.00	49.71 2.82 0.00	48.71 3.01 0.00	44.15 2.58 0.00	32.03 1.58 0.00	12.31 0.54 0.00	11.33 0.46 0.00	13.66 0.50 0.00	3.08 0.15 0.00	8.37 0.43 0.00	28.57 1.46 0.00	36.60 1.95 0.00	59.04 3.82 0.00	94.80 7.08 0.00	119.72 9.17 0.00	88.18 6.61 0.00	80.65 5.84 0.00	92.38 6.77 0.00	88.99 6.17 0.00	100.38 6.57 0.00
LWR___OSWEGATCHIE_HYD 23850	51.15 1.56 0.00	43.92 1.53 0.00	36.73 1.32 0.00	37.52 1.41 0.00	39.24 1.58 0.00	48.66 1.77 0.00	47.27 1.56 0.00	42.91 1.34 0.00	31.19 0.73 0.00	11.99 0.21 0.00	11.04 0.17 0.00	13.37 0.22 0.00	2.92 -0.01 0.00	7.85 -0.09 0.00	26.92 -0.19 0.00	34.35 -0.30 0.00	55.49 0.28 0.00	89.90 2.18 0.00	113.95 3.39 0.00	83.61 2.04 0.00	76.30 1.50 0.00	87.72 2.11 0.00	84.87 2.06 0.00	96.38 2.57 0.00
LYONS_FALL_HYD 23570	50.82 1.23 0.00	43.63 1.24 0.00	36.54 1.13 0.00	37.29 1.18 0.00	38.96 1.30 0.00	48.46 1.57 0.00	47.40 1.69 0.00	43.16 1.60 0.00	31.35 0.90 0.00	12.04 0.27 0.00	11.10 0.22 0.00	13.39 0.24 0.00	2.96 0.04 0.00	8.00 0.06 0.00	27.30 0.19 0.00	34.90 0.26 0.00	56.36 1.15 0.00	91.47 3.74 0.00	116.08 5.52 0.00	85.30 3.73 0.00	77.46 2.66 0.00	88.96 3.34 0.00	85.90 3.08 0.00	97.06 3.26 0.00
MADISON___COUNTY_LFGE 323628	50.59 1.00 0.00	43.24 0.85 0.00	36.11 0.70 0.00	36.90 0.79 0.00	38.54 0.87 0.00	48.03 1.13 0.00	46.94 1.23 0.00	42.80 1.23 0.00	31.27 0.82 0.00	12.03 0.26 0.00	11.11 0.24 0.00	13.40 0.24 0.00	2.99 0.07 0.00	8.13 0.18 0.00	27.62 0.51 0.00	35.42 0.76 0.00	56.80 1.58 0.00	90.85 3.12 0.00	114.75 4.19 0.00	84.61 3.03 0.00	77.13 2.33 0.00	88.28 2.66 0.00	85.35 2.54 0.00	96.45 2.64 0.00
MALONE___115KV_TB1 356076	51.47 1.57 -0.32	43.84 1.45 0.00	36.59 1.18 0.00	37.43 1.32 0.00	39.22 1.55 0.00	48.68 1.78 0.00	47.12 1.41 0.00	42.71 1.15 0.00	31.37 0.91 0.00	12.15 0.38 0.00	11.18 0.30 0.00	13.56 0.41 0.00	2.94 0.01 0.00	7.92 -0.02 0.00	27.20 0.09 0.00	34.83 0.18 0.00	55.98 0.77 0.00	89.28 1.56 0.00	112.90 2.34 0.00	82.84 1.27 0.00	76.45 1.65 0.00	87.40 1.78 0.00	84.54 1.73 0.00	96.39 2.58 0.00
MAPLEWOD_115KV_TB3 80458	51.00 1.41 0.00	43.51 1.12 0.00	36.34 0.93 0.00	37.01 0.90 0.00	38.58 0.91 0.00	48.14 1.25 0.00	47.12 1.41 0.00	42.78 1.21 0.00	31.19 0.74 0.00	12.01 0.23 0.00	11.09 0.21 0.00	13.38 0.22 0.00	3.01 0.08 0.00	8.19 0.25 0.00	27.91 0.80 0.00	35.67 1.02 0.00	57.04 1.82 0.00	90.95 3.22 0.00	114.88 4.32 0.00	84.86 3.29 0.00	77.65 2.85 0.00	88.91 3.29 0.00	85.94 3.12 0.00	97.06 3.25 0.00
MAPLE_RIDGE_WT_1 323574	49.56 -0.03 0.00	42.47 0.08 0.00	35.53 0.12 0.00	36.26 0.15 0.00	37.89 0.23 0.00	47.13 0.23 0.00	45.87 0.17 0.00	41.65 0.09 0.00	30.56 0.10 0.00	11.80 0.03 0.00	10.89 0.01 0.00	13.18 0.02 0.00	2.89 -0.04 0.00	7.82 -0.13 0.00	26.74 -0.37 0.00	34.18 -0.46 0.00	54.61 -0.61 0.00	87.10 -0.63 0.00	110.18 -0.37 0.00	81.02 -0.56 0.00	74.06 -0.74 0.00	84.88 -0.74 0.00	82.11 -0.71 0.00	93.34 -0.47 0.00
MAPLE_RIDGE_WT_2 323611	49.56 -0.03 0.00	42.47 0.08 0.00	35.53 0.12 0.00	36.26 0.15 0.00	37.89 0.23 0.00	47.13 0.23 0.00	45.87 0.17 0.00	41.65 0.09 0.00	30.56 0.10 0.00	11.80 0.03 0.00	10.89 0.01 0.00	13.18 0.02 0.00	2.89 -0.04 0.00	7.82 -0.13 0.00	26.74 -0.37 0.00	34.18 -0.46 0.00	54.61 -0.61 0.00	87.10 -0.63 0.00	110.18 -0.37 0.00	81.02 -0.56 0.00	74.06 -0.74 0.00	84.88 -0.74 0.00	82.11 -0.71 0.00	93.34 -0.47 0.00
MARBLE_RIVER_WT_PWR 323696	41.80 -1.72 6.08	41.38 -1.02 0.00	34.56 -0.85 0.00	35.38 -0.73 0.00	37.16 -0.50 0.00	46.04 -0.85 0.00	44.57 -1.14 0.00	40.36 -1.20 0.00	29.68 -0.77 0.00	11.57 -0.20 0.00	10.59 -0.29 0.00	12.83 -0.33 0.00	2.81 -0.11 0.00	7.59 -0.35 0.00	25.89 -1.22 0.00	33.06 -1.59 0.00	53.41 -1.80 0.00	85.06 -2.67 0.00	109.11 -1.45 0.00	79.04 -2.53 0.00	73.23 -1.57 0.00	83.48 -2.14 0.00	81.17 -1.65 0.00	92.77 -1.04 0.00
MARSHVLE_115KV_TB1 80742	52.25 2.66 0.00	44.86 2.47 0.00	37.53 2.12 0.00	38.34 2.23 0.00	40.01 2.35 0.00	49.76 2.86 0.00	48.33 2.63 0.00	43.82 2.26 0.00	31.71 1.26 0.00	12.19 0.42 0.00	11.25 0.38 0.00	13.57 0.42 0.00	3.02 0.09 0.00	8.16 0.22 0.00	27.87 0.76 0.00	35.74 1.09 0.00	57.74 2.53 0.00	93.27 5.55 0.00	117.93 7.37 0.00	87.11 5.54 0.00	79.65 4.84 0.00	91.29 5.67 0.00	88.21 5.39 0.00	99.96 6.15 0.00
MARSH_HILL_WT_PWR 323713	45.91 -3.68 0.00	39.79 -2.61 0.00	32.70 -2.70 0.00	33.40 -2.71 0.00	34.94 -2.73 0.00	43.59 -3.30 0.00	42.52 -3.19 0.00	39.14 -2.43 0.00	28.52 -1.94 0.00	10.92 -0.85 0.00	10.12 -0.75 0.00	12.35 -0.81 0.00	2.82 -0.10 0.00	7.64 -0.30 0.00	25.73 -1.38 0.00	32.84 -1.81 0.00	52.64 -2.58 0.00	84.19 -3.54 0.00	105.98 -4.58 0.00	78.50 -3.07 0.00	71.58 -3.22 0.00	81.58 -4.03 0.00	79.61 -3.21 0.00	91.77 -2.04 0.00
MCINTYRE_115KV_TB2 80467	52.70 3.11 0.00	45.10 2.71 0.00	37.61 2.20 0.00	38.47 2.36 0.00	40.23 2.56 0.00	49.89 3.00 0.00	48.22 2.51 0.00	43.57 2.01 0.00	31.72 1.27 0.00	12.22 0.44 0.00	11.24 0.37 0.00	13.64 0.49 0.00	2.94 0.01 0.00	7.92 -0.02 0.00	27.29 0.18 0.00	34.85 0.20 0.00	56.08 0.86 0.00	90.21 2.49 0.00	114.08 3.52 0.00	83.90 2.33 0.00	77.39 2.59 0.00	88.63 3.01 0.00	85.61 2.79 0.00	97.64 3.84 0.00
MECO_____69_KV_BK1 80468	52.94 3.35 0.00	45.36 2.97 0.00	37.89 2.48 0.00	38.65 2.54 0.00	40.33 2.67 0.00	50.25 3.35 0.00	48.95 3.24 0.00	44.22 2.65 0.00	31.62 1.17 0.00	12.07 0.30 0.00	11.11 0.24 0.00	13.38 0.23 0.00	3.01 0.08 0.00	8.10 0.15 0.00	27.68 0.57 0.00	35.63 0.98 0.00	58.30 3.09 0.00	94.98 7.25 0.00	120.24 9.68 0.00	88.81 7.24 0.00	81.09 6.29 0.00	92.68 7.06 0.00	89.47 6.65 0.00	101.13 7.32 0.00
MENANDS___115KV_TB5 355628	50.79 1.20 0.00	43.34 0.95 0.00	36.19 0.78 0.00	36.86 0.74 0.00	38.40 0.73 0.00	47.91 1.02 0.00	46.90 1.19 0.00	42.57 1.00 0.00	31.06 0.61 0.00	11.97 0.20 0.00	11.05 0.18 0.00	13.34 0.18 0.00	3.00 0.07 0.00	8.17 0.23 0.00	27.85 0.73 0.00	35.57 0.92 0.00	56.79 1.57 0.00	90.38 2.65 0.00	114.17 3.61 0.00	84.33 2.76 0.00	77.21 2.41 0.00	88.43 2.82 0.00	85.52 2.70 0.00	96.64 2.82 0.00
MG INDUSTRY___DRP 24185	50.85 1.26 0.00	43.41 1.02 0.00	36.24 0.83 0.00	36.92 0.81 0.00	38.47 0.80 0.00	47.96 1.06 0.00	46.86 1.15 0.00	42.46 0.89 0.00	30.87 0.42 0.00	11.87 0.10 0.00	10.97 0.09 0.00	13.24 0.09 0.00	2.98 0.05 0.00	8.10 0.16 0.00	27.59 0.48 0.00	35.27 0.63 0.00	56.53 1.31 0.00	90.12 2.39 0.00	113.78 3.22 0.00	84.03 2.45 0.00	76.92 2.12 0.00	88.14 2.53 0.00	85.35 2.53 0.00	96.55 2.74 0.00

MID___OSWEGATCHIE_HYD 23849	51.15 1.56 0.00	43.92 1.53 0.00	36.73 1.32 0.00	37.52 1.41 0.00	39.24 1.58 0.00	48.66 1.77 0.00	47.27 1.56 0.00	42.91 1.34 0.00	31.19 0.73 0.00	11.99 0.21 0.00	11.04 0.17 0.00	13.37 0.22 0.00	2.92 -0.01 0.00	7.85 -0.09 0.00	26.92 -0.19 0.00	34.35 -0.30 0.00	55.49 0.28 0.00	89.90 2.18 0.00	113.95 3.39 0.00	83.61 2.04 0.00	76.30 1.50 0.00	87.72 2.11 0.00	84.87 2.06 0.00	96.38 2.57 0.00
MID___RAQUETTE_HYD 23851	51.53 1.94 0.00	44.16 1.77 0.00	36.85 1.44 0.00	37.67 1.56 0.00	39.41 1.74 0.00	48.79 1.90 0.00	47.05 1.35 0.00	42.61 1.04 0.00	31.18 0.73 0.00	12.05 0.27 0.00	11.13 0.26 0.00	13.53 0.38 0.00	2.92 0.00 0.00	7.88 -0.07 0.00	27.10 -0.01 0.00	34.56 -0.09 0.00	55.43 0.22 0.00	88.42 0.70 0.00	111.31 0.76 0.00	81.77 0.20 0.00	75.34 0.53 0.00	86.52 0.90 0.00	83.92 1.10 0.00	95.81 2.01 0.00
MILLIKEN___1 23584	49.86 0.27 0.00	42.62 0.23 0.00	35.57 0.16 0.00	36.29 0.18 0.00	37.89 0.23 0.00	47.23 0.33 0.00	46.06 0.36 0.00	42.05 0.48 0.00	30.78 0.32 0.00	11.87 0.09 0.00	10.93 0.05 0.00	13.19 0.03 0.00	2.97 0.04 0.00	8.05 0.10 0.00	27.34 0.23 0.00	34.91 0.26 0.00	55.99 0.77 0.00	89.29 1.57 0.00	112.69 2.13 0.00	83.23 1.66 0.00	76.02 1.22 0.00	86.93 1.32 0.00	84.13 1.32 0.00	95.11 1.31 0.00
MILLIKEN___2 23585	49.86 0.27 0.00	42.62 0.23 0.00	35.57 0.16 0.00	36.29 0.18 0.00	37.89 0.23 0.00	47.23 0.33 0.00	46.06 0.36 0.00	42.05 0.48 0.00	30.78 0.32 0.00	11.87 0.09 0.00	10.93 0.05 0.00	13.19 0.03 0.00	2.97 0.04 0.00	8.05 0.10 0.00	27.34 0.23 0.00	34.91 0.26 0.00	55.99 0.77 0.00	89.29 1.57 0.00	112.69 2.13 0.00	83.23 1.66 0.00	76.02 1.22 0.00	86.93 1.32 0.00	84.13 1.32 0.00	95.11 1.31 0.00
MILLIKEN___DIESEL 23629	49.86 0.27 0.00	42.62 0.23 0.00	35.57 0.16 0.00	36.29 0.18 0.00	37.89 0.23 0.00	47.23 0.33 0.00	46.06 0.36 0.00	42.05 0.48 0.00	30.78 0.32 0.00	11.87 0.09 0.00	10.93 0.05 0.00	13.19 0.03 0.00	2.97 0.04 0.00	8.05 0.10 0.00	27.34 0.23 0.00	34.91 0.26 0.00	55.99 0.77 0.00	89.29 1.57 0.00	112.69 2.13 0.00	83.23 1.66 0.00	76.02 1.22 0.00	86.93 1.32 0.00	84.13 1.32 0.00	95.11 1.31 0.00
MILLSEAT___LFGE 323607	47.27 -2.32 0.00	40.51 -1.88 0.00	33.52 -1.89 0.00	34.42 -1.69 0.00	35.92 -1.74 0.00	44.53 -2.36 0.00	42.50 -3.21 0.00	38.88 -2.69 0.00	28.59 -1.86 0.00	11.19 -0.58 0.00	10.36 -0.51 0.00	12.53 -0.63 0.00	2.87 -0.06 0.00	7.77 -0.17 0.00	26.18 -0.92 0.00	33.19 -1.46 0.00	52.63 -2.59 0.00	83.54 -4.19 0.00	104.56 -6.00 0.00	77.26 -4.32 0.00	70.40 -4.40 0.00	80.32 -5.30 0.00	78.68 -4.14 0.00	90.35 -3.46 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	51.02 1.44 0.00	43.54 1.15 0.00	36.25 0.84 0.00	36.89 0.78 0.00	38.43 0.77 0.00	48.09 1.20 0.00	47.13 1.42 0.00	43.00 1.44 0.00	31.33 0.88 0.00	12.13 0.36 0.00	11.25 0.38 0.00	13.59 0.44 0.00	3.08 0.16 0.00	8.39 0.45 0.00	28.44 1.33 0.00	36.28 1.64 0.00	57.47 2.26 0.00	91.45 3.73 0.00	115.46 4.90 0.00	85.24 3.67 0.00	77.70 2.90 0.00	88.92 3.31 0.00	85.95 3.13 0.00	96.76 2.95 0.00
MILLWOOD_13_KV_LOAD 356217	51.10 1.51 0.00	43.61 1.22 0.00	36.31 0.90 0.00	36.94 0.83 0.00	38.48 0.81 0.00	48.16 1.27 0.00	47.20 1.49 0.00	43.07 1.50 0.00	31.37 0.92 0.00	12.15 0.37 0.00	11.26 0.39 0.00	13.60 0.45 0.00	3.09 0.16 0.00	8.40 0.46 0.00	28.47 1.36 0.00	36.32 1.67 0.00	57.56 2.35 0.00	91.63 3.90 0.00	115.65 5.09 0.00	85.41 3.83 0.00	77.84 3.03 0.00	89.08 3.46 0.00	86.10 3.28 0.00	96.93 3.12 0.00
MODEL_CITY_ENERGY 24167	45.59 -4.00 0.00	39.11 -3.28 0.00	32.34 -3.07 0.00	33.24 -2.87 0.00	34.70 -2.97 0.00	42.96 -3.93 0.00	40.77 -4.93 0.00	37.32 -4.25 0.00	27.49 -2.96 0.00	10.81 -0.96 0.00	10.05 -0.82 0.00	12.21 -0.95 0.00	2.81 -0.12 0.00	7.58 -0.36 0.00	25.43 -1.68 0.00	32.06 -2.59 0.00	50.57 -4.64 0.00	79.93 -7.80 0.00	99.81 -10.75 0.00	73.78 -7.79 0.00	67.31 -7.49 0.00	76.87 -8.74 0.00	75.67 -7.15 0.00	87.26 -6.55 0.00
MODERN_LFGE___ 323580	45.59 -4.00 0.00	39.11 -3.28 0.00	32.34 -3.07 0.00	33.24 -2.87 0.00	34.70 -2.97 0.00	42.96 -3.93 0.00	40.77 -4.93 0.00	37.32 -4.25 0.00	27.49 -2.96 0.00	10.81 -0.96 0.00	10.05 -0.82 0.00	12.21 -0.95 0.00	2.81 -0.12 0.00	7.58 -0.36 0.00	25.43 -1.68 0.00	32.06 -2.59 0.00	50.57 -4.64 0.00	79.93 -7.80 0.00	99.81 -10.75 0.00	73.78 -7.79 0.00	67.31 -7.49 0.00	76.87 -8.74 0.00	75.67 -7.15 0.00	87.26 -6.55 0.00
MOHAWK_PAPER___DRP 24187	51.00 1.41 0.00	43.51 1.12 0.00	36.34 0.93 0.00	37.01 0.90 0.00	38.58 0.91 0.00	48.14 1.25 0.00	47.12 1.41 0.00	42.78 1.21 0.00	31.19 0.74 0.00	12.01 0.23 0.00	11.09 0.21 0.00	13.38 0.22 0.00	3.01 0.08 0.00	8.19 0.25 0.00	27.91 0.80 0.00	35.67 1.02 0.00	57.04 1.82 0.00	90.95 3.22 0.00	114.88 4.32 0.00	84.86 3.29 0.00	77.65 2.85 0.00	88.91 3.29 0.00	85.94 3.12 0.00	97.06 3.25 0.00
MOHICAN__35_KV_115KV_LD 80490	54.13 4.54 0.00	46.08 3.69 0.00	38.43 3.02 0.00	39.11 3.00 0.00	40.84 3.18 0.00	51.04 4.14 0.00	50.01 4.30 0.00	45.27 3.70 0.00	32.79 2.33 0.00	12.57 0.80 0.00	11.54 0.67 0.00	13.94 0.78 0.00	3.13 0.21 0.00	8.55 0.61 0.00	29.20 2.09 0.00	37.40 2.76 0.00	60.59 5.38 0.00	97.84 10.11 0.00	123.77 13.21 0.00	91.26 9.69 0.00	83.29 8.48 0.00	95.20 9.58 0.00	91.70 8.88 0.00	103.25 9.44 0.00
MONGAUP___HYD 23641	51.56 1.97 0.00	44.01 1.62 0.00	36.67 1.26 0.00	37.34 1.23 0.00	38.91 1.25 0.00	48.65 1.75 0.00	47.64 1.93 0.00	43.38 1.81 0.00	31.44 0.98 0.00	12.04 0.27 0.00	11.10 0.22 0.00	13.39 0.24 0.00	3.03 0.10 0.00	8.24 0.30 0.00	27.93 0.82 0.00	35.64 0.99 0.00	56.92 1.71 0.00	91.36 3.63 0.00	115.52 4.96 0.00	85.33 3.76 0.00	77.87 3.07 0.00	89.48 3.86 0.00	86.95 4.14 0.00	97.89 4.08 0.00
MONTAUK___DIESEL 23721	50.81 1.22 0.00	43.50 1.11 0.00	36.37 0.96 0.00	36.88 0.77 0.00	38.49 0.82 0.00	48.35 1.46 0.00	47.42 1.72 0.00	43.26 1.70 0.00	31.34 0.88 0.00	12.04 0.27 0.00	11.10 0.22 0.00	13.40 0.25 0.00	3.03 0.11 0.00	8.28 0.34 0.00	28.22 1.11 0.00	36.22 1.57 0.00	58.10 2.89 0.00	126.62 5.72 -33.17	116.23 5.67 0.00	85.54 3.96 0.00	78.30 3.50 0.00	89.37 3.75 0.00	86.04 3.23 0.00	96.90 3.09 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	48.02 -1.58 0.00	41.15 -1.25 0.00	34.06 -1.35 0.00	35.15 -0.96 0.00	36.92 -0.75 0.00	46.10 -0.80 0.00	44.42 -1.29 0.00	40.65 -0.92 0.00	29.80 -0.66 0.00	11.63 -0.14 0.00	10.84 -0.03 0.00	13.17 0.02 0.00	3.00 0.07 0.00	8.13 0.18 0.00	27.24 0.13 0.00	34.47 -0.17 0.00	54.82 -0.39 0.00	86.70 -1.02 0.00	108.51 -2.05 0.00	80.35 -1.22 0.00	73.21 -1.59 0.00	84.06 -1.55 0.00	81.96 -0.86 0.00	94.04 0.23 0.00

MORRIS_RIDGE___SOLAR 323848	46.48 -3.11 0.00	39.98 -2.41 0.00	32.98 -2.43 0.00	33.81 -2.30 0.00	35.31 -2.36 0.00	44.18 -2.71 0.00	42.73 -2.98 0.00	39.08 -2.49 0.00	28.49 -1.97 0.00	11.04 -0.73 0.00	10.25 -0.63 0.00	12.42 -0.73 0.00	2.84 -0.08 0.00	7.70 -0.25 0.00	25.84 -1.27 0.00	32.91 -1.73 0.00	52.48 -2.74 0.00	83.49 -4.23 0.00	104.65 -5.90 0.00	77.51 -4.06 0.00	70.54 -4.27 0.00	80.78 -4.83 0.00	79.01 -3.81 0.00	90.86 -2.95 0.00
MORTIMER_115KV_TB3 55949	47.44 -2.15 0.00	40.62 -1.77 0.00	33.77 -1.64 0.00	34.60 -1.51 0.00	36.11 -1.55 0.00	44.84 -2.05 0.00	43.24 -2.47 0.00	39.48 -2.08 0.00	29.07 -1.39 0.00	11.33 -0.45 0.00	10.52 -0.35 0.00	12.74 -0.41 0.00	2.90 -0.03 0.00	7.84 -0.11 0.00	26.53 -0.58 0.00	33.68 -0.97 0.00	53.35 -1.87 0.00	84.62 -3.10 0.00	106.20 -4.35 0.00	78.43 -3.15 0.00	71.56 -3.24 0.00	81.71 -3.90 0.00	79.54 -3.27 0.00	90.76 -3.05 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	51.22 1.63 0.00	43.72 1.33 0.00	36.38 0.97 0.00	37.02 0.90 0.00	38.55 0.89 0.00	48.25 1.36 0.00	47.28 1.57 0.00	43.17 1.61 0.00	31.47 1.02 0.00	12.21 0.44 0.00	11.35 0.48 0.00	13.71 0.56 0.00	3.12 0.19 0.00	8.48 0.54 0.00	28.71 1.60 0.00	36.63 1.99 0.00	57.95 2.73 0.00	92.05 4.32 0.00	116.13 5.57 0.00	85.82 4.24 0.00	78.18 3.37 0.00	89.43 3.82 0.00	86.46 3.64 0.00	97.33 3.52 0.00
MUNSVILLE_WIND_PWR 323609	50.77 1.18 0.00	43.60 1.21 0.00	36.34 0.93 0.00	37.36 1.24 0.00	39.08 1.42 0.00	48.94 2.05 0.00	48.24 2.53 0.00	44.34 2.78 0.00	32.31 1.86 0.00	12.25 0.48 0.00	11.14 0.26 0.00	13.30 0.15 0.00	3.01 0.08 0.00	8.11 0.17 0.00	27.51 0.40 0.00	35.22 0.57 0.00	57.90 2.69 0.00	94.62 6.89 0.00	120.99 10.43 0.00	89.90 8.32 0.00	81.50 6.70 0.00	92.94 7.33 0.00	90.40 7.59 0.00	101.43 7.62 0.00
N SALMON___HYD 24042	51.47 1.56 -0.32	43.84 1.45 0.00	36.59 1.18 0.00	37.43 1.32 0.00	39.22 1.55 0.00	48.68 1.78 0.00	47.12 1.42 0.00	42.71 1.15 0.00	31.37 0.91 0.00	12.15 0.38 0.00	11.18 0.30 0.00	13.56 0.41 0.00	2.94 0.01 0.00	7.92 -0.02 0.00	27.20 0.09 0.00	34.83 0.18 0.00	55.98 0.77 0.00	89.28 1.56 0.00	112.89 2.34 0.00	82.84 1.27 0.00	76.45 1.65 0.00	87.40 1.78 0.00	84.54 1.72 0.00	96.39 2.58 0.00
N.AKRON__115KV_KNAPP 355671	46.92 -2.67 0.00	40.24 -2.15 0.00	33.27 -2.14 0.00	34.19 -1.93 0.00	35.66 -2.00 0.00	44.19 -2.70 0.00	42.10 -3.61 0.00	38.53 -3.04 0.00	28.35 -2.10 0.00	11.11 -0.66 0.00	10.31 -0.56 0.00	12.48 -0.68 0.00	2.86 -0.06 0.00	7.74 -0.20 0.00	26.07 -1.05 0.00	32.98 -1.67 0.00	52.17 -3.04 0.00	82.71 -5.02 0.00	103.41 -7.15 0.00	76.42 -5.15 0.00	69.66 -5.14 0.00	79.49 -6.13 0.00	78.00 -4.81 0.00	89.67 -4.14 0.00
N.BELMOR_69_KV_BK1 55787	51.69 2.10 0.00	44.20 1.80 0.00	36.79 1.38 0.00	37.40 1.29 0.00	38.95 1.29 0.00	48.83 1.94 0.00	47.85 2.14 0.00	43.67 2.10 0.00	31.81 1.35 0.00	12.31 0.54 0.00	11.40 0.53 0.00	13.76 0.60 0.00	3.12 0.20 0.00	8.52 0.58 0.00	28.88 1.77 0.00	36.97 2.33 0.00	58.63 3.41 0.00	126.66 5.76 -33.17	117.72 7.16 0.00	86.82 5.24 0.00	79.21 4.41 0.00	90.54 4.92 0.00	87.39 4.57 0.00	98.44 4.63 0.00
N.E_GEN_SANDY PD 24062	49.51 1.44 1.53	43.49 1.10 0.00	36.27 0.86 0.00	36.91 0.80 0.00	38.48 0.82 0.00	48.06 1.17 0.00	47.12 1.41 0.00	42.82 1.25 0.00	31.20 0.75 0.00	12.19 0.25 -0.17	8.25 0.22 2.84	13.38 0.23 0.00	8.90 0.09 -5.88	8.22 0.28 0.00	27.00 0.92 1.03	25.38 1.10 10.36	55.57 1.77 1.41	91.05 3.32 0.00	113.94 4.56 1.18	85.06 3.49 0.00	77.68 2.88 0.00	88.98 3.29 -0.07	85.91 3.10 0.00	96.78 2.97 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	50.86 1.27 0.00	43.41 1.02 0.00	36.15 0.74 0.00	36.78 0.67 0.00	38.31 0.64 0.00	47.96 1.06 0.00	47.00 1.28 0.00	42.88 1.31 0.00	31.22 0.76 0.00	12.08 0.31 0.00	11.20 0.33 0.00	13.53 0.37 0.00	3.07 0.15 0.00	8.36 0.42 0.00	28.33 1.22 0.00	36.12 1.47 0.00	57.20 1.99 0.00	91.08 3.35 0.00	114.90 4.35 0.00	84.83 3.26 0.00	77.29 2.49 0.00	88.47 2.86 0.00	85.53 2.71 0.00	96.29 2.48 0.00
N.QUEENS_27_KV_LOAD 356247	51.25 1.66 0.00	43.81 1.41 0.00	36.45 1.04 0.00	37.08 0.97 0.00	38.61 0.95 0.00	48.32 1.43 0.00	47.20 1.49 0.00	43.13 1.56 0.00	31.50 1.04 0.00	12.25 0.47 -0.01	11.35 0.47 -0.01	13.75 0.60 0.00	3.14 0.20 -0.01	8.52 0.57 -0.01	28.83 1.72 -0.01	36.79 2.14 0.00	57.95 2.73 0.00	92.11 4.38 0.00	116.29 5.74 0.00	85.98 4.40 0.00	78.31 3.51 0.00	89.58 3.97 0.00	86.56 3.74 0.00	97.31 3.50 0.00
N.TROY___115KV_TB1 355778	51.22 1.63 0.00	43.68 1.29 0.00	36.45 1.04 0.00	37.11 1.00 0.00	38.74 1.08 0.00	48.39 1.49 0.00	47.41 1.70 0.00	43.02 1.45 0.00	31.31 0.86 0.00	12.04 0.27 0.00	11.10 0.22 0.00	13.38 0.22 0.00	3.01 0.08 0.00	8.19 0.24 0.00	27.94 0.84 0.00	35.69 1.04 0.00	57.22 2.01 0.00	91.50 3.78 0.00	115.61 5.05 0.00	85.38 3.81 0.00	78.06 3.26 0.00	89.33 3.72 0.00	86.30 3.48 0.00	97.36 3.55 0.00
NARROWS_GT1_1 24228	60.42 2.00 -8.82	60.31 1.65 -16.27	59.03 1.26 -22.35	59.09 1.19 -21.79	60.24 1.13 -21.45	61.63 1.69 -13.04	58.32 1.82 -10.79	58.28 1.86 -14.85	58.15 1.24 -26.46	54.67 0.57 -42.33	68.90 0.62 -57.41	60.28 0.71 -46.41	60.19 0.23 -57.04	60.22 0.65 -51.62	60.36 1.95 -31.30	62.49 2.39 -25.45	69.27 3.25 -10.80	92.74 5.01 0.00	145.13 6.46 -28.11	148.12 5.01 -61.53	333.96 4.07 -255.09	266.22 4.61 -176.00	385.67 4.46 -298.39	385.53 4.42 -287.30
NARROWS_GT1_2 24229	60.42 2.00 -8.82	60.31 1.65 -16.27	59.03 1.26 -22.35	59.09 1.19 -21.79	60.24 1.13 -21.45	61.63 1.69 -13.04	58.32 1.82 -10.79	58.28 1.86 -14.85	58.15 1.24 -26.46	54.67 0.57 -42.33	68.90 0.62 -57.41	60.28 0.71 -46.41	60.19 0.23 -57.04	60.22 0.65 -51.62	60.36 1.95 -31.30	62.49 2.39 -25.45	69.27 3.25 -10.80	92.74 5.01 0.00	145.13 6.46 -28.11	148.12 5.01 -61.53	333.96 4.07 -255.09	266.22 4.61 -176.00	385.67 4.46 -298.39	385.53 4.42 -287.30
NARROWS_GT1_3 24230	60.42 2.00 -8.82	60.31 1.65 -16.27	59.03 1.26 -22.35	59.09 1.19 -21.79	60.24 1.13 -21.45	61.63 1.69 -13.04	58.32 1.82 -10.79	58.28 1.86 -14.85	58.15 1.24 -26.46	54.67 0.57 -42.33	68.90 0.62 -57.41	60.28 0.71 -46.41	60.19 0.23 -57.04	60.22 0.65 -51.62	60.36 1.95 -31.30	62.49 2.39 -25.45	69.27 3.25 -10.80	92.74 5.01 0.00	145.13 6.46 -28.11	148.12 5.01 -61.53	333.96 4.07 -255.09	266.22 4.61 -176.00	385.67 4.46 -298.39	385.53 4.42 -287.30
NARROWS_GT1_4 24231	60.42 2.00 -8.82	60.31 1.65 -16.27	59.03 1.26 -22.35	59.09 1.19 -21.79	60.24 1.13 -21.45	61.63 1.69 -13.04	58.32 1.82 -10.79	58.28 1.86 -14.85	58.15 1.24 -26.46	54.67 0.57 -42.33	68.90 0.62 -57.41	60.28 0.71 -46.41	60.19 0.23 -57.04	60.22 0.65 -51.62	60.36 1.95 -31.30	62.49 2.39 -25.45	69.27 3.25 -10.80	92.74 5.01 0.00	145.13 6.46 -28.11	148.12 5.01 -61.53	333.96 4.07 -255.09	266.22 4.61 -176.00	385.67 4.46 -298.39	385.53 4.42 -287.30

NARROWS_GT1_5 24232	60.42 2.00 -8.82	60.31 1.65 -16.27	59.03 1.26 -22.35	59.09 1.19 -21.79	60.24 1.13 -21.45	61.63 1.69 -13.04	58.32 1.82 -10.79	58.28 1.86 -14.85	58.15 1.24 -26.46	54.67 0.57 -42.33	68.90 0.62 -57.41	60.28 0.71 -46.41	60.19 0.23 -57.04	60.22 0.65 -51.62	60.36 1.95 -31.30	62.49 2.39 -25.45	69.27 3.25 -10.80	92.74 5.01 0.00	145.13 6.46 -28.11	148.12 5.01 -61.53	333.96 4.07 -255.09	266.22 4.61 -176.00	385.67 4.46 -298.39	385.53 4.42 -287.30
NARROWS_GT1_6 24233	60.42 2.00 -8.82	60.31 1.65 -16.27	59.03 1.26 -22.35	59.09 1.19 -21.79	60.24 1.13 -21.45	61.63 1.69 -13.04	58.32 1.82 -10.79	58.28 1.86 -14.85	58.15 1.24 -26.46	54.67 0.57 -42.33	68.90 0.62 -57.41	60.28 0.71 -46.41	60.19 0.23 -57.04	60.22 0.65 -51.62	60.36 1.95 -31.30	62.49 2.39 -25.45	69.27 3.25 -10.80	92.74 5.01 0.00	145.13 6.46 -28.11	148.12 5.01 -61.53	333.96 4.07 -255.09	266.22 4.61 -176.00	385.67 4.46 -298.39	385.53 4.42 -287.30
NARROWS_GT1_7 24234	60.42 2.00 -8.82	60.31 1.65 -16.27	59.03 1.26 -22.35	59.09 1.19 -21.79	60.24 1.13 -21.45	61.63 1.69 -13.04	58.32 1.82 -10.79	58.28 1.86 -14.85	58.15 1.24 -26.46	54.67 0.57 -42.33	68.90 0.62 -57.41	60.28 0.71 -46.41	60.19 0.23 -57.04	60.22 0.65 -51.62	60.36 1.95 -31.30	62.49 2.39 -25.45	69.27 3.25 -10.80	92.74 5.01 0.00	145.13 6.46 -28.11	148.12 5.01 -61.53	333.96 4.07 -255.09	266.22 4.61 -176.00	385.67 4.46 -298.39	385.53 4.42 -287.30
NARROWS_GT1_8 24235	60.42 2.00 -8.82	60.31 1.65 -16.27	59.03 1.26 -22.35	59.09 1.19 -21.79	60.24 1.13 -21.45	61.63 1.69 -13.04	58.32 1.82 -10.79	58.28 1.86 -14.85	58.15 1.24 -26.46	54.67 0.57 -42.33	68.90 0.62 -57.41	60.28 0.71 -46.41	60.19 0.23 -57.04	60.22 0.65 -51.62	60.36 1.95 -31.30	62.49 2.39 -25.45	69.27 3.25 -10.80	92.74 5.01 0.00	145.13 6.46 -28.11	148.12 5.01 -61.53	333.96 4.07 -255.09	266.22 4.61 -176.00	385.67 4.46 -298.39	385.53 4.42 -287.30
NARROWS_GT2_1 24236	60.42 2.00 -8.82	60.31 1.65 -16.27	59.03 1.26 -22.35	59.09 1.19 -21.79	60.24 1.13 -21.45	61.63 1.69 -13.04	58.32 1.82 -10.79	58.28 1.86 -14.85	58.15 1.24 -26.46	54.67 0.57 -42.33	68.90 0.62 -57.41	60.28 0.71 -46.41	60.19 0.23 -57.04	60.22 0.65 -51.62	60.36 1.95 -31.30	62.49 2.39 -25.45	69.27 3.25 -10.80	92.74 5.01 0.00	119.04 6.46 -2.03	148.12 5.01 -61.53	333.96 4.07 -255.09	266.22 4.61 -176.00	385.67 4.46 -298.39	385.53 4.42 -287.30
NARROWS_GT2_2 24237	60.42 2.00 -8.82	60.31 1.65 -16.27	59.03 1.26 -22.35	59.09 1.19 -21.79	60.24 1.13 -21.45	61.63 1.69 -13.04	58.32 1.82 -10.79	58.28 1.86 -14.85	58.15 1.24 -26.46	54.67 0.57 -42.33	68.90 0.62 -57.41	60.28 0.71 -46.41	60.19 0.23 -57.04	60.22 0.65 -51.62	60.36 1.95 -31.30	62.49 2.39 -25.45	69.27 3.25 -10.80	92.74 5.01 0.00	119.04 6.46 -2.03	148.12 5.01 -61.53	333.96 4.07 -255.09	266.22 4.61 -176.00	385.67 4.46 -298.39	385.53 4.42 -287.30
NARROWS_GT2_3 24238	60.42 2.00 -8.82	60.31 1.65 -16.27	59.03 1.26 -22.35	59.09 1.19 -21.79	60.24 1.13 -21.45	61.63 1.69 -13.04	58.32 1.82 -10.79	58.28 1.86 -14.85	58.15 1.24 -26.46	54.67 0.57 -42.33	68.90 0.62 -57.41	60.28 0.71 -46.41	60.19 0.23 -57.04	60.22 0.65 -51.62	60.36 1.95 -31.30	62.49 2.39 -25.45	69.27 3.25 -10.80	92.74 5.01 0.00	119.04 6.46 -2.03	148.12 5.01 -61.53	333.96 4.07 -255.09	266.22 4.61 -176.00	385.67 4.46 -298.39	385.53 4.42 -287.30
NARROWS_GT2_4 24239	60.42 2.00 -8.82	60.31 1.65 -16.27	59.03 1.26 -22.35	59.09 1.19 -21.79	60.24 1.13 -21.45	61.63 1.69 -13.04	58.32 1.82 -10.79	58.28 1.86 -14.85	58.15 1.24 -26.46	54.67 0.57 -42.33	68.90 0.62 -57.41	60.28 0.71 -46.41	60.19 0.23 -57.04	60.22 0.65 -51.62	60.36 1.95 -31.30	62.49 2.39 -25.45	69.27 3.25 -10.80	92.74 5.01 0.00	119.04 6.46 -2.03	148.12 5.01 -61.53	333.96 4.07 -255.09	266.22 4.61 -176.00	385.67 4.46 -298.39	385.53 4.42 -287.30
NARROWS_GT2_5 24240	60.42 2.00 -8.82	60.31 1.65 -16.27	59.03 1.26 -22.35	59.09 1.19 -21.79	60.24 1.13 -21.45	61.63 1.69 -13.04	58.32 1.82 -10.79	58.28 1.86 -14.85	58.15 1.24 -26.46	54.67 0.57 -42.33	68.90 0.62 -57.41	60.28 0.71 -46.41	60.19 0.23 -57.04	60.22 0.65 -51.62	60.36 1.95 -31.30	62.49 2.39 -25.45	69.27 3.25 -10.80	92.74 5.01 0.00	119.04 6.46 -2.03	148.12 5.01 -61.53	333.96 4.07 -255.09	266.22 4.61 -176.00	385.67 4.46 -298.39	385.53 4.42 -287.30
NARROWS_GT2_6 24241	60.42 2.00 -8.82	60.31 1.65 -16.27	59.03 1.26 -22.35	59.09 1.19 -21.79	60.24 1.13 -21.45	61.63 1.69 -13.04	58.32 1.82 -10.79	58.28 1.86 -14.85	58.15 1.24 -26.46	54.67 0.57 -42.33	68.90 0.62 -57.41	60.28 0.71 -46.41	60.19 0.23 -57.04	60.22 0.65 -51.62	60.36 1.95 -31.30	62.49 2.39 -25.45	69.27 3.25 -10.80	92.74 5.01 0.00	119.04 6.46 -2.03	148.12 5.01 -61.53	333.96 4.07 -255.09	266.22 4.61 -176.00	385.67 4.46 -298.39	385.53 4.42 -287.30
NARROWS_GT2_7 24242	60.42 2.00 -8.82	60.31 1.65 -16.27	59.03 1.26 -22.35	59.09 1.19 -21.79	60.24 1.13 -21.45	61.63 1.69 -13.04	58.32 1.82 -10.79	58.28 1.86 -14.85	58.15 1.24 -26.46	54.67 0.57 -42.33	68.90 0.62 -57.41	60.28 0.71 -46.41	60.19 0.23 -57.04	60.22 0.65 -51.62	60.36 1.95 -31.30	62.49 2.39 -25.45	69.27 3.25 -10.80	92.74 5.01 0.00	119.04 6.46 -2.03	148.12 5.01 -61.53	333.96 4.07 -255.09	266.22 4.61 -176.00	385.67 4.46 -298.39	385.53 4.42 -287.30
NARROWS_GT2_8 24243	60.42 2.00 -8.82	60.31 1.65 -16.27	59.03 1.26 -22.35	59.09 1.19 -21.79	60.24 1.13 -21.45	61.63 1.69 -13.04	58.32 1.82 -10.79	58.28 1.86 -14.85	58.15 1.24 -26.46	54.67 0.57 -42.33	68.90 0.62 -57.41	60.28 0.71 -46.41	60.19 0.23 -57.04	60.22 0.65 -51.62	60.36 1.95 -31.30	62.49 2.39 -25.45	69.27 3.25 -10.80	92.74 5.01 0.00	119.04 6.46 -2.03	148.12 5.01 -61.53	333.96 4.07 -255.09	266.22 4.61 -176.00	385.67 4.46 -298.39	385.53 4.42 -287.30
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	52.24 2.65 0.00	44.60 2.21 0.00	37.22 1.81 0.00	37.92 1.80 0.00	39.52 1.85 0.00	49.27 2.37 0.00	48.13 2.42 0.00	43.60 2.03 0.00	31.60 1.15 0.00	12.10 0.32 0.00	11.11 0.23 0.00	13.40 0.25 0.00	3.01 0.08 0.00	8.18 0.24 0.00	27.89 0.78 0.00	35.73 1.08 0.00	57.58 2.36 0.00	92.68 4.96 0.00	117.61 7.05 0.00	86.81 5.23 0.00	79.37 4.57 0.00	90.82 5.20 0.00	87.77 4.96 0.00	99.51 5.70 0.00
NCHELSEA_115KV_TR2 355582	51.60 2.01 0.00	44.01 1.62 0.00	36.65 1.24 0.00	37.32 1.21 0.00	38.89 1.22 0.00	48.65 1.75 0.00	47.67 1.96 0.00	43.45 1.88 0.00	31.64 1.19 0.00	12.22 0.45 0.00	11.32 0.44 0.00	13.66 0.50 0.00	3.09 0.16 0.00	8.42 0.48 0.00	28.56 1.45 0.00	36.49 1.84 0.00	58.01 2.80 0.00	92.58 4.85 0.00	116.94 6.39 0.00	86.38 4.80 0.00	78.74 3.94 0.00	90.06 4.45 0.00	87.01 4.19 0.00	97.94 4.13 0.00
NEG CAPITAL___MECHNVIL 23645	52.58 2.98 0.00	44.79 2.40 0.00	37.38 1.97 0.00	38.06 1.95 0.00	39.71 2.05 0.00	49.58 2.69 0.00	48.56 2.85 0.00	44.03 2.46 0.00	31.97 1.52 0.00	12.28 0.51 0.00	11.32 0.44 0.00	13.65 0.50 0.00	3.07 0.14 0.00	8.36 0.42 0.00	28.53 1.42 0.00	36.53 1.88 0.00	58.84 3.63 0.00	94.42 6.69 0.00	119.26 8.71 0.00	87.99 6.42 0.00	80.38 5.58 0.00	91.92 6.30 0.00	88.68 5.86 0.00	100.02 6.21 0.00



NEG CENTRAL_HIGH_ACRES 23767	47.05 -2.54 0.00	40.24 -2.15 0.00	33.52 -1.89 0.00	34.31 -1.80 0.00	35.81 -1.86 0.00	44.50 -2.39 0.00	43.04 -2.67 0.00	39.30 -2.27 0.00	28.98 -1.48 0.00	11.30 -0.48 0.00	10.47 -0.40 0.00	12.68 -0.47 0.00	2.87 -0.05 0.00	7.78 -0.17 0.00	26.32 -0.79 0.00	33.48 -1.17 0.00	53.16 -2.05 0.00	84.39 -3.33 0.00	106.02 -4.54 0.00	78.19 -3.38 0.00	71.36 -3.44 0.00	81.50 -4.11 0.00	79.14 -3.68 0.00	90.14 -3.67 0.00
NEG CENTRAL___DRP 24199	48.90 -0.69 0.00	41.83 -0.56 0.00	34.86 -0.55 0.00	35.58 -0.53 0.00	37.14 -0.52 0.00	46.28 -0.61 0.00	45.06 -0.64 0.00	41.12 -0.44 0.00	30.13 -0.32 0.00	11.65 -0.12 0.00	10.77 -0.11 0.00	13.02 -0.13 0.00	2.94 0.01 0.00	7.96 0.01 0.00	27.00 -0.11 0.00	34.47 -0.18 0.00	55.04 -0.17 0.00	87.46 -0.26 0.00	109.75 -0.80 0.00	81.18 -0.39 0.00	74.19 -0.61 0.00	84.81 -0.80 0.00	82.18 -0.64 0.00	93.14 -0.67 0.00
NEG CENTRAL___INDECK 23768	48.74 -0.85 0.00	41.80 -0.59 0.00	34.63 -0.78 0.00	35.47 -0.64 0.00	37.05 -0.62 0.00	46.17 -0.72 0.00	44.65 -1.06 0.00	40.93 -0.63 0.00	29.87 -0.58 0.00	11.54 -0.24 0.00	10.65 -0.22 0.00	12.87 -0.29 0.00	2.93 0.00 0.00	7.95 0.01 0.00	26.84 -0.27 0.00	34.37 -0.28 0.00	54.85 -0.36 0.00	87.61 -0.12 0.00	110.32 -0.24 0.00	81.68 0.11 0.00	74.35 -0.45 0.00	84.86 -0.76 0.00	82.59 -0.23 0.00	94.53 0.73 0.00
NEG CENTRAL___SENECA 23627	48.93 -0.66 0.00	41.88 -0.52 0.00	34.81 -0.60 0.00	35.58 -0.53 0.00	37.14 -0.52 0.00	46.30 -0.60 0.00	45.06 -0.64 0.00	41.16 -0.40 0.00	30.12 -0.33 0.00	11.64 -0.13 0.00	10.77 -0.11 0.00	13.02 -0.13 0.00	2.95 0.02 0.00	7.98 0.04 0.00	27.01 -0.10 0.00	34.55 -0.10 0.00	55.19 -0.02 0.00	87.66 -0.06 0.00	109.66 -0.90 0.00	81.27 -0.30 0.00	74.21 -0.59 0.00	84.81 -0.81 0.00	82.26 -0.55 0.00	93.38 -0.43 0.00
NEG CENTRAL___STATE_STREET 24147	49.32 -0.28 0.00	42.11 -0.28 0.00	35.18 -0.22 0.00	35.81 -0.30 0.00	37.46 -0.20 0.00	46.65 -0.24 0.00	45.45 -0.26 0.00	41.46 -0.11 0.00	30.43 -0.02 0.00	11.75 -0.02 0.00	10.86 -0.02 0.00	13.12 -0.04 0.00	2.95 0.02 0.00	7.98 0.04 0.00	27.16 0.04 0.00	34.55 -0.10 0.00	55.32 0.11 0.00	87.93 0.21 0.00	110.64 0.08 0.00	81.68 0.11 0.00	74.82 0.02 0.00	85.55 -0.06 0.00	82.83 0.02 0.00	93.51 -0.30 0.00
NEG MILLWOOD___DRP 24198	51.78 2.19 0.00	44.17 1.77 0.00	36.77 1.36 0.00	37.43 1.32 0.00	39.02 1.35 0.00	48.81 1.92 0.00	47.86 2.15 0.00	43.64 2.08 0.00	31.80 1.35 0.00	12.29 0.52 0.00	11.39 0.51 0.00	13.75 0.60 0.00	3.12 0.19 0.00	8.47 0.53 0.00	28.74 1.63 0.00	36.70 2.05 0.00	58.33 3.11 0.00	93.06 5.34 0.00	117.59 7.04 0.00	86.87 5.29 0.00	79.20 4.39 0.00	90.54 4.93 0.00	87.45 4.63 0.00	98.40 4.59 0.00
NEG NORTH_FLCN_SEA 23793	43.20 -0.49 5.90	42.45 0.05 0.00	35.43 0.02 0.00	36.24 0.12 0.00	38.07 0.40 0.00	47.15 0.26 0.00	45.68 -0.03 0.00	41.37 -0.20 0.00	30.39 -0.07 0.00	11.83 0.06 0.00	10.83 -0.04 0.00	13.13 -0.02 0.00	2.88 -0.05 0.00	7.75 -0.19 0.00	26.41 -0.70 0.00	33.68 -0.97 0.00	54.35 -0.86 0.00	86.10 -1.62 0.00	109.86 -0.70 0.00	79.90 -1.67 0.00	73.91 -0.89 0.00	84.42 -1.20 0.00	81.98 -0.84 0.00	93.37 -0.43 0.00
NEG NORTH_KES_CHATEGAY 23792	50.22 0.15 -0.48	42.71 0.32 0.00	35.64 0.23 0.00	36.47 0.36 0.00	38.21 0.55 0.00	47.45 0.55 0.00	45.96 0.25 0.00	41.62 0.05 0.00	30.57 0.12 0.00	11.86 0.08 0.00	10.88 0.00 0.00	13.20 0.04 0.00	2.87 -0.06 0.00	7.73 -0.21 0.00	26.56 -0.55 0.00	34.04 -0.61 0.00	54.69 -0.53 0.00	87.15 -0.57 0.00	110.32 -0.24 0.00	80.82 -0.76 0.00	74.62 -0.18 0.00	85.22 -0.40 0.00	82.45 -0.37 0.00	94.04 0.23 0.00
NEG NORTH___ALICE_FALLS 23915	53.09 0.07 -3.43	42.83 0.44 0.00	35.75 0.33 0.00	36.56 0.45 0.00	38.39 0.72 0.00	47.59 0.70 0.00	46.10 0.39 0.00	41.76 0.19 0.00	30.64 0.19 0.00	11.91 0.14 0.00	10.91 0.04 0.00	13.23 0.08 0.00	2.89 -0.03 0.00	7.80 -0.14 0.00	26.63 -0.48 0.00	34.01 -0.64 0.00	54.86 -0.35 0.00	87.36 -0.37 0.00	111.29 0.74 0.00	81.12 -0.46 0.00	75.00 0.19 0.00	85.62 0.00 0.00	82.98 0.16 0.00	94.57 0.76 0.00
NEG NORTH___LWR_SARANAC 23913	53.09 0.07 -3.43	42.83 0.44 0.00	35.75 0.33 0.00	36.56 0.45 0.00	38.39 0.72 0.00	47.59 0.70 0.00	46.10 0.39 0.00	41.76 0.19 0.00	30.64 0.19 0.00	11.91 0.14 0.00	10.91 0.04 0.00	13.23 0.08 0.00	2.89 -0.03 0.00	7.80 -0.14 0.00	26.63 -0.48 0.00	34.01 -0.64 0.00	54.86 -0.35 0.00	87.36 -0.37 0.00	111.29 0.74 0.00	81.12 -0.46 0.00	75.00 0.19 0.00	85.62 0.00 0.00	82.98 0.16 0.00	94.57 0.76 0.00
NEG NORTH___PLATTSBURG 23628	53.09 0.07 -3.43	42.83 0.44 0.00	35.75 0.33 0.00	36.56 0.45 0.00	38.39 0.72 0.00	47.59 0.70 0.00	46.10 0.39 0.00	41.76 0.19 0.00	30.64 0.19 0.00	11.91 0.14 0.00	10.91 0.04 0.00	13.23 0.08 0.00	2.89 -0.03 0.00	7.80 -0.14 0.00	26.63 -0.48 0.00	34.01 -0.64 0.00	54.86 -0.35 0.00	87.36 -0.37 0.00	111.30 0.74 0.00	81.12 -0.46 0.00	75.00 0.20 0.00	85.62 0.00 0.00	82.98 0.16 0.00	94.57 0.76 0.00
NEG WEST_LEA_LOCKPORT 23791	46.04 -3.56 0.00	39.48 -2.91 0.00	32.63 -2.78 0.00	33.52 -2.59 0.00	34.94 -2.72 0.00	43.22 -3.67 0.00	41.08 -4.63 0.00	37.58 -3.99 0.00	27.69 -2.76 0.00	10.87 -0.90 0.00	10.11 -0.76 0.00	12.27 -0.88 0.00	2.82 -0.10 0.00	7.62 -0.32 0.00	25.60 -1.51 0.00	32.31 -2.34 0.00	50.96 -4.25 0.00	80.55 -7.18 0.00	100.59 -9.96 0.00	74.38 -7.20 0.00	67.84 -6.96 0.00	77.46 -8.15 0.00	76.19 -6.63 0.00	87.81 -6.00 0.00
NEG WEST___LANCASTR 23811	48.04 -1.55 0.00	41.20 -1.19 0.00	34.07 -1.34 0.00	35.02 -1.10 0.00	36.55 -1.12 0.00	45.41 -1.48 0.00	43.48 -2.23 0.00	39.69 -1.88 0.00	29.15 -1.30 0.00	11.39 -0.38 0.00	10.65 -0.23 0.00	12.96 -0.20 0.00	2.97 0.04 0.00	8.04 0.09 0.00	26.95 -0.16 0.00	34.11 -0.54 0.00	53.97 -1.24 0.00	85.01 -2.71 0.00	106.32 -4.24 0.00	78.63 -2.95 0.00	71.68 -3.12 0.00	82.15 -3.46 0.00	80.50 -2.31 0.00	92.51 -1.30 0.00
NEG_PENN_ALLEGHNY 23528	49.16 -0.44 0.00	42.06 -0.33 0.00	35.03 -0.38 0.00	35.80 -0.31 0.00	37.31 -0.36 0.00	46.47 -0.42 0.00	45.25 -0.45 0.00	41.28 -0.29 0.00	30.15 -0.30 0.00	11.65 -0.12 0.00	10.80 -0.07 0.00	13.09 -0.06 0.00	2.96 0.03 0.00	8.03 0.09 0.00	27.15 0.04 0.00	34.68 0.03 0.00	55.29 0.07 0.00	87.67 -0.05 0.00	110.41 -0.15 0.00	81.64 0.07 0.00	74.47 -0.33 0.00	85.34 -0.27 0.00	82.72 -0.09 0.00	93.85 0.04 0.00
NEG___GEN_MONROE 24207	47.76 -1.84 0.00	40.89 -1.50 0.00	33.98 -1.43 0.00	34.81 -1.30 0.00	36.35 -1.31 0.00	45.12 -1.77 0.00	43.43 -2.28 0.00	39.69 -1.87 0.00	29.19 -1.26 0.00	11.38 -0.40 0.00	10.55 -0.32 0.00	12.77 -0.38 0.00	2.90 -0.03 0.00	7.86 -0.08 0.00	26.60 -0.51 0.00	33.80 -0.84 0.00	53.60 -1.61 0.00	85.12 -2.61 0.00	106.85 -3.71 0.00	78.88 -2.69 0.00	71.95 -2.86 0.00	82.11 -3.51 0.00	79.99 -2.83 0.00	91.35 -2.46 0.00

NEPA__ENERGY 23901	47.21 -2.38 0.00	40.49 -1.90 0.00	33.47 -1.94 0.00	34.39 -1.72 0.00	35.93 -1.73 0.00	44.80 -2.09 0.00	43.16 -2.55 0.00	39.39 -2.17 0.00	28.75 -1.71 0.00	11.20 -0.58 0.00	10.45 -0.43 0.00	12.72 -0.43 0.00	2.91 -0.01 0.00	7.91 -0.04 0.00	26.44 -0.67 0.00	33.53 -1.12 0.00	53.32 -1.89 0.00	84.04 -3.69 0.00	105.12 -5.44 0.00	77.81 -3.76 0.00	70.85 -3.95 0.00	81.57 -4.05 0.00	79.47 -3.35 0.00	91.17 -2.64 0.00
NEVERSink__HYD 23608	51.13 1.54 0.00	43.64 1.25 0.00	36.36 0.95 0.00	37.03 0.91 0.00	38.58 0.92 0.00	48.26 1.36 0.00	47.26 1.55 0.00	43.07 1.50 0.00	31.33 0.87 0.00	12.07 0.30 0.00	11.15 0.28 0.00	13.47 0.31 0.00	3.04 0.11 0.00	8.28 0.33 0.00	28.07 0.96 0.00	35.91 1.26 0.00	57.19 1.97 0.00	91.42 3.69 0.00	115.50 4.95 0.00	85.40 3.82 0.00	77.91 3.11 0.00	89.09 3.47 0.00	86.07 3.25 0.00	96.83 3.02 0.00
NEWKRMKL_115KV_TB1 55635	50.73 1.14 0.00	43.30 0.91 0.00	36.14 0.74 0.00	36.81 0.70 0.00	38.36 0.69 0.00	47.85 0.96 0.00	46.80 1.09 0.00	42.45 0.89 0.00	30.99 0.54 0.00	11.94 0.17 0.00	11.03 0.15 0.00	13.31 0.16 0.00	2.99 0.07 0.00	8.15 0.20 0.00	27.76 0.65 0.00	35.49 0.84 0.00	56.65 1.43 0.00	90.08 2.35 0.00	113.81 3.25 0.00	84.03 2.46 0.00	76.96 2.15 0.00	88.21 2.60 0.00	85.32 2.50 0.00	96.53 2.73 0.00
NEWTON__FALLS_HYD 23847	51.15 1.56 0.00	43.92 1.53 0.00	36.73 1.32 0.00	37.52 1.41 0.00	39.24 1.58 0.00	48.66 1.77 0.00	47.27 1.56 0.00	42.91 1.34 0.00	31.19 0.73 0.00	11.99 0.21 0.00	11.04 0.17 0.00	13.37 0.22 0.00	2.92 -0.01 0.00	7.85 -0.09 0.00	26.92 -0.19 0.00	34.35 -0.30 0.00	55.49 0.28 0.00	89.90 2.18 0.00	113.95 3.39 0.00	83.61 2.04 0.00	76.30 1.50 0.00	87.72 2.11 0.00	84.87 2.06 0.00	96.38 2.57 0.00
NGRID_A1_DSASP 323792	45.10 -4.49 0.00	38.64 -3.75 0.00	31.93 -3.48 0.00	32.88 -3.24 0.00	34.34 -3.32 0.00	42.55 -4.35 0.00	40.53 -5.17 0.00	37.09 -4.47 0.00	27.38 -3.08 0.00	10.77 -1.00 0.00	10.03 -0.84 0.00	12.19 -0.96 0.00	2.80 -0.12 0.00	7.58 -0.36 0.00	25.42 -1.69 0.00	32.08 -2.57 0.00	50.48 -4.73 0.00	79.62 -8.10 0.00	99.42 -11.14 0.00	73.46 -8.11 0.00	67.02 -7.78 0.00	76.58 -9.04 0.00	75.24 -7.57 0.00	86.75 -7.06 0.00
NGRID_A2_DSASP 323793	45.10 -4.49 0.00	38.64 -3.75 0.00	31.93 -3.48 0.00	32.88 -3.24 0.00	34.34 -3.32 0.00	42.55 -4.35 0.00	40.53 -5.17 0.00	37.09 -4.47 0.00	27.38 -3.08 0.00	10.77 -1.00 0.00	10.03 -0.84 0.00	12.19 -0.96 0.00	2.80 -0.12 0.00	7.58 -0.36 0.00	25.42 -1.69 0.00	32.08 -2.57 0.00	50.48 -4.73 0.00	79.62 -8.10 0.00	99.42 -11.14 0.00	73.46 -8.11 0.00	67.02 -7.78 0.00	76.58 -9.04 0.00	75.24 -7.57 0.00	86.75 -7.06 0.00
NGRID_A4_DSASP 323807	45.10 -4.49 0.00	38.64 -3.75 0.00	31.93 -3.48 0.00	32.88 -3.24 0.00	34.34 -3.32 0.00	42.55 -4.35 0.00	40.53 -5.17 0.00	37.09 -4.47 0.00	27.38 -3.08 0.00	10.77 -1.00 0.00	10.03 -0.84 0.00	12.19 -0.96 0.00	2.80 -0.12 0.00	7.58 -0.36 0.00	25.42 -1.69 0.00	32.08 -2.57 0.00	50.48 -4.73 0.00	79.62 -8.10 0.00	99.42 -11.14 0.00	73.46 -8.11 0.00	67.02 -7.78 0.00	76.58 -9.04 0.00	75.24 -7.57 0.00	86.75 -7.06 0.00
NIAGARA_115E_LBMP 323715	45.32 -4.27 0.00	38.90 -3.49 0.00	32.17 -3.24 0.00	33.08 -3.03 0.00	34.53 -3.13 0.00	42.76 -4.14 0.00	40.54 -5.16 0.00	37.11 -4.45 0.00	27.34 -3.11 0.00	10.76 -1.01 0.00	10.01 -0.86 0.00	12.16 -1.00 0.00	2.80 -0.12 0.00	7.55 -0.39 0.00	25.30 -1.81 0.00	31.90 -2.75 0.00	50.29 -4.93 0.00	79.45 -8.27 0.00	99.18 -11.38 0.00	73.32 -8.25 0.00	66.89 -7.91 0.00	76.40 -9.22 0.00	75.27 -7.54 0.00	86.85 -6.95 0.00
NIAGARA_115W_LBMP 323714	45.04 -4.55 0.00	38.58 -3.81 0.00	31.89 -3.52 0.00	32.83 -3.28 0.00	34.29 -3.38 0.00	42.48 -4.42 0.00	40.47 -5.23 0.00	37.02 -4.54 0.00	27.33 -3.12 0.00	10.75 -1.02 0.00	10.02 -0.86 0.00	12.17 -0.98 0.00	2.80 -0.12 0.00	7.57 -0.37 0.00	25.38 -1.73 0.00	32.03 -2.62 0.00	50.40 -4.82 0.00	79.48 -8.24 0.00	99.24 -11.32 0.00	73.33 -8.24 0.00	66.92 -7.88 0.00	76.45 -9.17 0.00	75.13 -7.68 0.00	86.63 -7.17 0.00
NIAGARA_230_LBMP 323716	45.56 -4.04 0.00	39.03 -3.36 0.00	32.28 -3.12 0.00	33.21 -2.90 0.00	34.69 -2.98 0.00	42.98 -3.91 0.00	40.99 -4.71 0.00	37.48 -4.09 0.00	27.65 -2.80 0.00	10.86 -0.91 0.00	10.12 -0.76 0.00	12.29 -0.86 0.00	2.82 -0.10 0.00	7.63 -0.31 0.00	25.63 -1.48 0.00	32.35 -2.30 0.00	50.97 -4.24 0.00	80.45 -7.28 0.00	100.51 -10.04 0.00	74.31 -7.26 0.00	67.79 -7.01 0.00	77.48 -8.13 0.00	76.07 -6.75 0.00	87.65 -6.16 0.00
NIAGARA__115KV_198_GIBSON 55903	45.05 -4.54 0.00	38.59 -3.80 0.00	31.90 -3.52 0.00	32.83 -3.28 0.00	34.29 -3.38 0.00	42.48 -4.41 0.00	40.48 -5.23 0.00	37.03 -4.53 0.00	27.33 -3.12 0.00	10.75 -1.02 0.00	10.02 -0.85 0.00	12.17 -0.98 0.00	2.80 -0.12 0.00	7.57 -0.37 0.00	25.40 -1.71 0.00	32.04 -2.61 0.00	50.39 -4.83 0.00	79.50 -8.23 0.00	99.26 -11.30 0.00	73.33 -8.25 0.00	66.93 -7.87 0.00	76.44 -9.17 0.00	75.14 -7.68 0.00	86.64 -7.17 0.00
NIAGARA____ 23760	45.56 -4.04 0.00	39.03 -3.36 0.00	32.28 -3.12 0.00	33.21 -2.90 0.00	34.69 -2.98 0.00	42.98 -3.91 0.00	40.99 -4.71 0.00	37.48 -4.09 0.00	27.65 -2.80 0.00	10.86 -0.91 0.00	10.12 -0.76 0.00	12.29 -0.86 0.00	2.82 -0.10 0.00	7.63 -0.31 0.00	25.63 -1.48 0.00	32.35 -2.30 0.00	50.97 -4.24 0.00	80.45 -7.28 0.00	100.51 -10.04 0.00	74.31 -7.26 0.00	67.79 -7.01 0.00	77.48 -8.13 0.00	76.07 -6.75 0.00	87.65 -6.16 0.00
NINE_MILE_1 23575	47.57 -2.03 0.00	40.68 -1.72 0.00	34.08 -1.33 0.00	34.75 -1.36 0.00	36.21 -1.46 0.00	44.98 -1.91 0.00	43.82 -1.90 0.00	39.91 -1.65 0.00	29.36 -1.09 0.00	11.36 -0.41 0.00	10.51 -0.37 0.00	12.70 -0.45 0.00	2.85 -0.08 0.00	7.72 -0.22 0.00	26.28 -0.83 0.00	33.48 -1.17 0.00	53.19 -2.03 0.00	84.56 -3.17 0.00	106.58 -3.98 0.00	78.66 -2.92 0.00	71.95 -2.85 0.00	82.32 -3.30 0.00	79.70 -3.12 0.00	90.29 -3.52 0.00
NINE_MILE_2 23744	47.57 -2.03 0.00	40.68 -1.72 0.00	34.08 -1.33 0.00	34.75 -1.36 0.00	36.21 -1.46 0.00	44.98 -1.91 0.00	43.82 -1.90 0.00	39.92 -1.65 0.00	29.36 -1.09 0.00	11.36 -0.41 0.00	10.51 -0.37 0.00	12.70 -0.45 0.00	2.85 -0.08 0.00	7.72 -0.22 0.00	26.28 -0.83 0.00	33.48 -1.17 0.00	53.19 -2.03 0.00	84.56 -3.17 0.00	106.58 -3.98 0.00	78.66 -2.92 0.00	71.95 -2.85 0.00	82.32 -3.30 0.00	79.70 -3.12 0.00	90.29 -3.52 0.00
NM_CAPITAL__DRP 24208	50.72 1.13 0.00	43.27 0.88 0.00	36.14 0.73 0.00	36.80 0.69 0.00	38.34 0.68 0.00	47.84 0.95 0.00	46.81 1.11 0.00	42.48 0.92 0.00	31.02 0.56 0.00	11.95 0.18 0.00	11.03 0.16 0.00	13.32 0.17 0.00	3.00 0.07 0.00	8.16 0.21 0.00	27.80 0.69 0.00	35.51 0.86 0.00	56.68 1.46 0.00	90.18 2.46 0.00	113.91 3.35 0.00	84.13 2.56 0.00	77.05 2.24 0.00	88.27 2.65 0.00	85.36 2.54 0.00	96.49 2.68 0.00

NM_CENTRAL___DRP 24181	48.50 -1.10 0.00	41.45 -0.94 0.00	34.68 -0.72 0.00	35.39 -0.72 0.00	36.88 -0.79 0.00	45.86 -1.03 0.00	44.69 -1.01 0.00	40.73 -0.83 0.00	29.92 -0.54 0.00	11.58 -0.19 0.00	10.71 -0.16 0.00	12.95 -0.20 0.00	2.91 -0.02 0.00	7.90 -0.04 0.00	26.84 -0.27 0.00	34.22 -0.43 0.00	54.42 -0.80 0.00	86.61 -1.12 0.00	109.18 -1.38 0.00	80.57 -1.00 0.00	73.57 -1.23 0.00	84.16 -1.45 0.00	81.45 -1.37 0.00	92.23 -1.58 0.00
NM_FRONTIER___DRP 24179	45.05 -4.54 0.00	38.59 -3.80 0.00	31.90 -3.52 0.00	32.83 -3.28 0.00	34.29 -3.38 0.00	42.48 -4.41 0.00	40.48 -5.23 0.00	37.03 -4.53 0.00	27.33 -3.12 0.00	10.75 -1.02 0.00	10.02 -0.85 0.00	12.17 -0.98 0.00	2.80 -0.12 0.00	7.57 -0.37 0.00	25.40 -1.71 0.00	32.04 -2.61 0.00	50.39 -4.83 0.00	79.50 -8.23 0.00	99.26 -11.30 0.00	73.33 -8.25 0.00	66.93 -7.87 0.00	76.44 -9.17 0.00	75.14 -7.68 0.00	86.64 -7.17 0.00
NM_ST_REGIS___HYD 24053	51.58 1.87 -0.12	44.11 1.72 0.00	36.81 1.40 0.00	37.63 1.52 0.00	39.39 1.72 0.00	48.79 1.90 0.00	47.11 1.40 0.00	42.65 1.08 0.00	31.24 0.78 0.00	12.07 0.30 0.00	11.14 0.27 0.00	13.54 0.39 0.00	2.93 0.00 0.00	7.88 -0.06 0.00	27.12 0.02 0.00	34.63 -0.02 0.00	55.55 0.34 0.00	88.65 0.93 0.00	111.76 1.20 0.00	82.08 0.50 0.00	75.67 0.87 0.00	86.78 1.16 0.00	84.10 1.28 0.00	96.01 2.20 0.00
NORTHPORT___1 23551	51.59 2.00 0.00	44.21 1.82 0.00	36.86 1.45 0.00	37.45 1.34 0.00	38.96 1.30 0.00	48.93 2.03 0.00	47.99 2.28 0.00	43.86 2.29 0.00	31.94 1.49 0.00	12.32 0.55 0.00	11.34 0.47 0.00	13.66 0.50 0.00	3.10 0.17 0.00	8.47 0.53 0.00	28.79 1.68 0.00	36.88 2.23 0.00	58.45 3.23 0.00	126.37 5.47 -33.17	116.86 6.30 0.00	86.11 4.53 0.00	78.74 3.94 0.00	90.01 4.40 0.00	86.93 4.12 0.00	98.22 4.41 0.00
NORTHPORT___2 23552	51.59 2.00 0.00	44.21 1.82 0.00	36.86 1.45 0.00	37.45 1.34 0.00	38.96 1.30 0.00	48.93 2.03 0.00	47.99 2.28 0.00	43.86 2.29 0.00	31.94 1.49 0.00	12.32 0.55 0.00	11.34 0.47 0.00	13.66 0.50 0.00	3.10 0.17 0.00	8.47 0.53 0.00	28.79 1.68 0.00	36.88 2.23 0.00	58.45 3.23 0.00	126.37 5.47 -33.17	116.86 6.30 0.00	86.11 4.53 0.00	78.74 3.94 0.00	90.01 4.40 0.00	86.93 4.12 0.00	98.22 4.41 0.00
NORTHPORT___3 23553	51.35 1.76 0.00	43.90 1.51 0.00	36.55 1.14 0.00	37.15 1.05 0.00	38.70 1.04 0.00	48.53 1.63 0.00	47.57 1.86 0.00	43.42 1.85 0.00	31.62 1.17 0.00	12.24 0.47 0.00	11.32 0.45 0.00	13.66 0.51 0.00	3.10 0.18 0.00	8.46 0.52 0.00	28.71 1.60 0.00	36.76 2.11 0.00	58.09 2.88 0.00	125.86 4.97 -33.17	116.61 6.05 0.00	85.89 4.31 0.00	78.51 3.71 0.00	89.82 4.21 0.00	86.82 4.00 0.00	98.03 4.22 0.00
NORTHPORT___4 23650	51.35 1.76 0.00	43.90 1.51 0.00	36.55 1.14 0.00	37.15 1.05 0.00	38.70 1.04 0.00	48.53 1.63 0.00	47.57 1.86 0.00	43.42 1.85 0.00	31.62 1.17 0.00	12.24 0.47 0.00	11.32 0.45 0.00	13.66 0.51 0.00	3.10 0.18 0.00	8.46 0.52 0.00	28.71 1.60 0.00	36.76 2.11 0.00	58.09 2.88 0.00	125.86 4.97 -33.17	116.61 6.05 0.00	85.89 4.31 0.00	78.51 3.71 0.00	89.82 4.21 0.00	86.82 4.00 0.00	98.03 4.22 0.00
NORTHPORT___IC 23718	51.59 2.00 0.00	44.21 1.82 0.00	36.86 1.45 0.00	37.45 1.34 0.00	38.96 1.29 0.00	48.92 2.03 0.00	47.99 2.29 0.00	43.86 2.30 0.00	31.94 1.49 0.00	12.32 0.55 0.00	11.34 0.47 0.00	13.66 0.50 0.00	3.10 0.17 0.00	8.47 0.53 0.00	28.79 1.68 0.00	36.88 2.23 0.00	58.45 3.24 0.00	126.37 5.47 -33.17	116.86 6.30 0.00	86.11 4.53 0.00	78.74 3.94 0.00	90.02 4.41 0.00	86.93 4.12 0.00	98.23 4.42 0.00
NORTH___COUNTRY_ESR 323785	50.08 0.08 -0.40	42.61 0.22 0.00	35.56 0.15 0.00	36.38 0.27 0.00	38.11 0.45 0.00	47.32 0.42 0.00	45.85 0.14 0.00	41.50 -0.06 0.00	30.51 0.06 0.00	11.84 0.06 0.00	10.88 0.00 0.00	13.20 0.04 0.00	2.87 -0.06 0.00	7.73 -0.21 0.00	26.56 -0.55 0.00	34.03 -0.61 0.00	54.64 -0.57 0.00	86.94 -0.79 0.00	109.99 -0.57 0.00	80.57 -1.00 0.00	74.41 -0.39 0.00	85.02 -0.60 0.00	82.26 -0.56 0.00	93.84 0.03 0.00
NPX_GEN_1385_PROXY 323591	51.00 1.41 0.00	43.98 1.59 0.00	36.82 1.42 0.00	37.34 1.23 0.00	38.72 1.05 0.00	48.86 1.97 0.00	47.93 2.23 0.00	44.14 2.57 0.00	32.32 1.86 0.00	12.34 0.56 0.00	11.18 0.30 0.00	13.36 0.20 0.00	-24.51 0.11 27.54	8.34 0.40 0.00	28.49 1.38 0.00	36.49 1.85 0.00	57.39 2.18 0.00	124.55 3.66 -33.17	42.32 3.81 72.04	49.04 2.70 35.23	77.31 2.51 0.00	88.35 2.73 0.00	85.33 2.51 0.00	97.42 3.62 0.00
NPX_GEN_CSC 323557	52.03 2.44 0.00	44.52 2.13 0.00	37.09 1.68 0.00	37.69 1.58 0.00	39.25 1.58 0.00	49.29 2.39 0.00	48.35 2.64 0.00	44.11 2.55 0.00	32.02 1.57 0.00	12.34 0.56 0.00	11.38 0.50 0.00	13.70 0.55 0.00	3.11 0.18 0.00	8.49 0.55 0.00	28.88 1.77 0.00	37.06 2.42 0.00	59.06 3.85 0.00	127.85 6.96 -33.17	117.80 7.24 0.00	86.84 5.27 0.00	79.66 4.85 0.00	90.96 5.35 0.00	87.64 4.82 0.00	98.71 4.90 0.00
NSINS_S___GLNS_FALLS 23858	54.22 4.63 0.00	46.16 3.76 0.00	38.50 3.09 0.00	39.19 3.08 0.00	40.92 3.25 0.00	51.13 4.24 0.00	50.10 4.39 0.00	45.35 3.79 0.00	32.86 2.40 0.00	12.59 0.82 0.00	11.57 0.70 0.00	13.97 0.82 0.00	3.14 0.21 0.00	8.57 0.63 0.00	29.26 2.15 0.00	37.49 2.84 0.00	60.73 5.52 0.00	98.02 10.30 0.00	123.99 13.43 0.00	91.42 9.85 0.00	83.42 8.62 0.00	95.37 9.75 0.00	91.87 9.05 0.00	103.45 9.64 0.00
NUCOR_STEEL___DRP 24197	49.27 -0.33 0.00	42.05 -0.34 0.00	35.16 -0.25 0.00	35.77 -0.34 0.00	37.43 -0.24 0.00	46.61 -0.29 0.00	45.40 -0.30 0.00	41.41 -0.15 0.00	30.40 -0.05 0.00	11.75 -0.03 0.00	10.85 -0.03 0.00	13.11 -0.04 0.00	2.95 0.02 0.00	7.97 0.03 0.00	27.14 0.03 0.00	34.50 -0.15 0.00	55.27 0.05 0.00	87.75 0.03 0.00	110.45 -0.11 0.00	81.52 -0.05 0.00	74.73 -0.07 0.00	85.47 -0.14 0.00	82.75 -0.07 0.00	93.38 -0.43 0.00
NUMBER_THREE_WT_PWR 323818	50.81 1.22 0.00	43.78 1.39 0.00	36.73 1.32 0.00	37.48 1.37 0.00	39.20 1.53 0.00	48.68 1.78 0.00	47.63 1.93 0.00	43.38 1.81 0.00	31.38 0.93 0.00	12.02 0.24 0.00	11.06 0.18 0.00	13.34 0.19 0.00	2.93 0.00 0.00	7.89 -0.05 0.00	26.96 -0.15 0.00	34.40 -0.24 0.00	55.90 0.68 0.00	91.68 3.96 0.00	116.85 6.29 0.00	85.64 4.06 0.00	77.47 2.67 0.00	89.20 3.58 0.00	86.09 3.27 0.00	97.28 3.47 0.00
NYISO_LBMP_REFERENCE 24008	49.59 0.00 0.00	42.39 0.00 0.00	35.41 0.00 0.00	36.11 0.00 0.00	37.67 0.00 0.00	46.89 0.00 0.00	45.71 0.00 0.00	41.57 0.00 0.00	30.46 0.00 0.00	11.77 0.00 0.00	10.87 0.00 0.00	13.15 0.00 0.00	2.93 0.00 0.00	7.94 0.00 0.00	27.11 0.00 0.00	34.65 0.00 0.00	55.21 0.00 0.00	87.73 0.00 0.00	110.56 0.00 0.00	81.57 0.00 0.00	74.80 0.00 0.00	85.61 0.00 0.00	82.82 0.00 0.00	93.81 0.00 0.00

NYPA_BRENTWD____GT 24164	52.17 2.57 0.00	44.63 2.24 0.00	37.19 1.79 0.00	37.79 1.68 0.00	39.33 1.66 0.00	49.36 2.46 0.00	48.43 2.72 0.00	44.21 2.64 0.00	32.16 1.71 0.00	12.41 0.63 0.00	11.44 0.57 0.00	13.78 0.63 0.00	3.13 0.20 0.00	8.55 0.60 0.00	29.04 1.93 0.00	37.21 2.56 0.00	59.17 3.96 0.00	127.71 6.81 -33.17	118.68 8.13 0.00	87.48 5.91 0.00	79.98 5.18 0.00	91.37 5.75 0.00	88.14 5.32 0.00	99.39 5.58 0.00
NYPA_GOWANUS____GT5 24156	60.42 2.00 -8.82	60.31 1.65 -16.27	59.03 1.26 -22.35	59.09 1.19 -21.79	60.24 1.13 -21.45	61.63 1.69 -13.04	58.32 1.82 -10.79	58.28 1.86 -14.85	58.15 1.24 -26.46	54.67 0.57 -42.33	68.90 0.62 -57.41	60.28 0.71 -46.41	60.19 0.23 -57.04	60.22 0.65 -51.62	60.36 1.95 -31.30	62.49 2.39 -25.45	69.27 3.25 -10.80	92.74 5.01 0.00	145.13 6.46 -28.11	148.12 5.01 -61.53	333.96 4.07 -255.09	266.22 4.61 -176.00	385.67 4.46 -298.39	385.53 4.42 -287.30
NYPA_GOWANUS____GT6 24157	60.42 2.00 -8.82	60.31 1.65 -16.27	59.03 1.26 -22.35	59.09 1.19 -21.79	60.24 1.13 -21.45	61.63 1.69 -13.04	58.32 1.82 -10.79	58.28 1.86 -14.85	58.15 1.24 -26.46	54.67 0.57 -42.33	68.90 0.62 -57.41	60.28 0.71 -46.41	60.19 0.23 -57.04	60.22 0.65 -51.62	60.36 1.95 -31.30	62.49 2.39 -25.45	69.27 3.25 -10.80	92.74 5.01 0.00	145.13 6.46 -28.11	148.12 5.01 -61.53	333.96 4.07 -255.09	266.22 4.61 -176.00	385.67 4.46 -298.39	385.53 4.42 -287.30
NYPA_HARLEM_RVR_GT1 24160	51.18 1.59 0.00	43.75 1.35 0.00	36.41 1.00 0.00	37.04 0.92 0.00	38.57 0.90 0.00	48.27 1.38 0.00	47.15 1.45 0.00	43.08 1.52 0.00	31.46 1.00 0.00	12.23 0.45 -0.01	11.34 0.46 -0.01	13.73 0.57 0.00	3.13 0.19 -0.01	8.50 0.55 -0.01	28.78 1.66 -0.01	36.72 2.07 0.00	57.84 2.62 0.00	91.97 4.24 0.00	116.12 5.56 0.00	85.83 4.26 0.00	78.19 3.38 0.00	89.42 3.80 0.00	86.44 3.62 0.00	97.19 3.38 0.00
NYPA_HARLEM_RVR_GT2 24161	51.18 1.59 0.00	43.75 1.35 0.00	36.41 1.00 0.00	37.04 0.92 0.00	38.57 0.90 0.00	48.27 1.38 0.00	47.15 1.45 0.00	43.08 1.52 0.00	31.46 1.00 0.00	12.23 0.45 -0.01	11.34 0.46 -0.01	13.73 0.57 0.00	3.13 0.19 -0.01	8.50 0.55 -0.01	28.78 1.66 -0.01	36.72 2.07 0.00	57.84 2.62 0.00	91.97 4.24 0.00	116.12 5.56 0.00	85.83 4.26 0.00	78.19 3.38 0.00	89.42 3.80 0.00	86.44 3.62 0.00	97.19 3.38 0.00
NYPA_KENT____GT 24152	56.79 1.89 -5.31	53.73 1.55 -9.79	50.03 1.17 -13.45	50.32 1.10 -13.11	51.63 1.06 -12.91	56.32 1.58 -7.85	53.91 1.71 -6.50	52.26 1.76 -8.94	46.91 1.16 -15.31	35.79 0.52 -23.49	46.14 0.58 -34.68	41.77 0.68 -27.93	37.47 0.22 -34.33	39.64 0.62 -31.07	47.82 1.87 -18.84	52.26 2.30 -15.32	64.83 3.11 -6.50	92.51 4.79 0.00	118.08 6.17 -1.36	115.77 4.77 -29.43	174.94 3.83 -96.31	195.92 4.37 -105.94	253.13 4.22 -166.09	270.88 4.17 -172.89
NYPA_POUCH1____GT 24155	60.36 1.95 -8.82	60.21 1.55 -16.27	58.95 1.19 -22.35	58.98 1.08 -21.79	59.00 1.00 -20.33	61.49 1.56 -13.04	58.18 1.67 -10.79	58.16 1.74 -14.85	58.05 1.13 -26.46	54.64 0.54 -42.33	64.05 0.59 -52.59	60.24 0.67 -46.41	60.19 0.23 -57.04	60.20 0.64 -51.62	60.29 1.89 -31.30	60.35 2.28 -23.42	63.70 3.04 -5.45	92.39 4.66 0.00	115.44 6.06 1.17	147.87 4.77 -61.53	333.75 3.85 -255.09	265.98 4.37 -176.00	385.50 4.29 -298.39	385.33 4.22 -287.30
NYPA_VERNON____GT2 24162	53.16 1.77 -1.80	47.15 1.45 -3.31	41.03 1.08 -4.55	41.56 1.02 -4.43	43.01 0.98 -4.37	51.03 1.48 -2.65	49.55 1.65 -2.20	46.28 1.70 -3.02	36.74 1.11 -5.18	20.22 0.49 -7.95	23.38 0.55 -11.96	23.25 0.64 -9.45	14.76 0.21 -11.62	19.05 0.60 -10.52	35.27 1.79 -6.38	42.04 2.21 -5.18	60.40 2.99 -2.20	92.37 4.65 0.00	117.22 5.98 -0.68	96.13 4.60 -9.95	106.45 3.68 -27.97	125.70 4.19 -35.89	140.69 3.98 -53.89	156.23 3.93 -58.49
NYPA_VERNON____GT3 24163	53.16 1.77 -1.80	47.15 1.45 -3.31	41.03 1.08 -4.55	41.56 1.02 -4.43	43.01 0.98 -4.37	51.03 1.48 -2.65	49.55 1.65 -2.20	46.28 1.70 -3.02	36.74 1.11 -5.18	20.22 0.49 -7.95	23.38 0.55 -11.96	23.25 0.64 -9.45	14.76 0.21 -11.62	19.05 0.60 -10.52	35.27 1.79 -6.38	42.04 2.21 -5.18	60.40 2.99 -2.20	92.37 4.65 0.00	117.22 5.98 -0.68	96.13 4.60 -9.95	106.45 3.68 -27.97	125.70 4.19 -35.89	140.69 3.98 -53.89	156.23 3.93 -58.49
NYPA____ASTORIA_CC1 323568	51.27 1.68 0.00	43.77 1.38 0.00	36.44 1.03 0.00	37.08 0.97 0.00	38.61 0.94 0.00	48.31 1.42 0.00	47.29 1.58 0.00	43.21 1.64 0.00	31.53 1.07 0.00	12.26 0.48 -0.01	11.85 0.54 -0.44	13.79 0.63 0.00	3.14 0.21 -0.01	8.53 0.58 -0.01	28.87 1.76 -0.01	36.83 2.18 0.00	58.11 2.89 0.00	92.25 4.53 0.00	116.74 5.84 -0.35	86.07 4.50 0.00	78.38 3.57 0.00	89.67 4.06 0.00	86.69 3.87 0.00	97.62 3.81 0.00
NYPA____ASTORIA_CC2 323569	51.27 1.68 0.00	43.77 1.38 0.00	36.44 1.03 0.00	37.08 0.97 0.00	38.61 0.94 0.00	48.31 1.42 0.00	47.29 1.58 0.00	43.21 1.64 0.00	31.53 1.07 0.00	12.26 0.48 -0.01	11.85 0.54 -0.44	13.79 0.63 0.00	3.14 0.21 -0.01	8.53 0.58 -0.01	28.87 1.76 -0.01	36.83 2.18 0.00	58.11 2.89 0.00	92.25 4.53 0.00	116.74 5.84 -0.35	86.07 4.50 0.00	78.38 3.57 0.00	89.67 4.06 0.00	86.69 3.87 0.00	97.62 3.81 0.00
NYPA____HOLTSVILL 23794	51.87 2.28 0.00	44.37 1.97 0.00	36.97 1.56 0.00	37.56 1.45 0.00	39.11 1.44 0.00	49.10 2.20 0.00	48.16 2.45 0.00	43.95 2.39 0.00	31.96 1.51 0.00	12.33 0.55 0.00	11.38 0.50 0.00	13.70 0.55 0.00	3.11 0.18 0.00	8.49 0.55 0.00	28.86 1.75 0.00	36.99 2.35 0.00	58.82 3.61 0.00	127.27 6.38 -33.17	117.89 7.33 0.00	86.89 5.31 0.00	79.48 4.68 0.00	90.79 5.18 0.00	87.55 4.73 0.00	98.69 4.88 0.00
NYPA____HELLGATE_GT1 24158	51.18 1.59 0.00	43.75 1.35 0.00	36.41 1.00 0.00	37.04 0.92 0.00	38.57 0.90 0.00	48.27 1.38 0.00	47.15 1.45 0.00	43.08 1.52 0.00	31.46 1.00 0.00	12.23 0.45 -0.01	11.34 0.46 -0.01	13.73 0.57 0.00	3.13 0.19 -0.01	8.50 0.55 -0.01	28.78 1.66 -0.01	36.72 2.07 0.00	57.84 2.62 0.00	91.97 4.24 0.00	116.12 5.56 0.00	85.83 4.26 0.00	78.19 3.38 0.00	89.42 3.80 0.00	86.44 3.62 0.00	97.19 3.38 0.00
NYPA____HELLGATE_GT2 24159	51.18 1.59 0.00	43.75 1.35 0.00	36.41 1.00 0.00	37.04 0.92 0.00	38.57 0.90 0.00	48.27 1.38 0.00	47.15 1.45 0.00	43.08 1.52 0.00	31.46 1.00 0.00	12.23 0.45 -0.01	11.34 0.46 -0.01	13.73 0.57 0.00	3.13 0.19 -0.01	8.50 0.55 -0.01	28.78 1.66 -0.01	36.72 2.07 0.00	57.84 2.62 0.00	91.97 4.24 0.00	116.12 5.56 0.00	85.83 4.26 0.00	78.19 3.38 0.00	89.42 3.80 0.00	86.44 3.62 0.00	97.19 3.38 0.00
NYS_BARGE____HYD 23848	46.07 -3.52 0.00	39.52 -2.87 0.00	32.66 -2.74 0.00	33.57 -2.55 0.00	35.00 -2.66 0.00	43.33 -3.57 0.00	41.17 -4.53 0.00	37.67 -3.90 0.00	27.76 -2.70 0.00	10.90 -0.87 0.00	10.14 -0.74 0.00	12.29 -0.86 0.00	2.83 -0.10 0.00	7.64 -0.30 0.00	25.63 -1.48 0.00	32.35 -2.30 0.00	51.07 -4.14 0.00	80.73 -6.99 0.00	100.86 -9.70 0.00	74.57 -7.00 0.00	68.00 -6.80 0.00	77.66 -7.96 0.00	76.37 -6.45 0.00	88.02 -5.79 0.00

OAK ORCHARD___HYD 24046	47.44 -2.15 0.00	40.61 -1.78 0.00	33.77 -1.64 0.00	34.60 -1.51 0.00	36.11 -1.55 0.00	44.84 -2.06 0.00	43.22 -2.49 0.00	39.48 -2.09 0.00	29.06 -1.39 0.00	11.33 -0.44 0.00	10.52 -0.35 0.00	12.74 -0.41 0.00	2.89 -0.03 0.00	7.84 -0.11 0.00	26.51 -0.60 0.00	33.67 -0.98 0.00	53.35 -1.87 0.00	84.61 -3.11 0.00	106.21 -4.35 0.00	78.42 -3.15 0.00	71.55 -3.25 0.00	81.72 -3.89 0.00	79.54 -3.28 0.00	90.76 -3.05 0.00
OAKDALE___35_KV_LOAD 356122	48.93 -0.67 0.00	41.88 -0.51 0.00	34.87 -0.54 0.00	35.63 -0.48 0.00	37.13 -0.54 0.00	46.27 -0.62 0.00	45.06 -0.65 0.00	41.07 -0.50 0.00	30.00 -0.46 0.00	11.60 -0.17 0.00	10.75 -0.12 0.00	13.03 -0.12 0.00	2.94 0.02 0.00	8.00 0.05 0.00	27.04 -0.07 0.00	34.50 -0.15 0.00	54.98 -0.23 0.00	87.21 -0.52 0.00	109.77 -0.79 0.00	81.15 -0.42 0.00	74.04 -0.76 0.00	84.91 -0.70 0.00	82.34 -0.48 0.00	93.36 -0.45 0.00
OCC_CHEM___DRP 24175	45.12 -4.48 0.00	38.64 -3.75 0.00	31.94 -3.47 0.00	32.88 -3.23 0.00	34.35 -3.32 0.00	42.55 -4.34 0.00	40.55 -5.16 0.00	37.10 -4.46 0.00	27.39 -3.06 0.00	10.77 -1.00 0.00	10.04 -0.84 0.00	12.19 -0.96 0.00	2.81 -0.12 0.00	7.58 -0.36 0.00	25.44 -1.67 0.00	32.09 -2.56 0.00	50.48 -4.73 0.00	79.63 -8.10 0.00	99.40 -11.15 0.00	73.47 -8.11 0.00	67.03 -7.77 0.00	76.56 -9.05 0.00	75.24 -7.57 0.00	86.75 -7.06 0.00
OH_GEN_PROXY 24063	45.63 -3.96 0.00	39.10 -3.29 0.00	32.35 -3.06 0.00	33.27 -2.84 0.00	34.74 -2.93 0.00	43.07 -3.82 0.00	41.11 -4.60 0.00	37.59 -3.98 0.00	27.72 -2.73 0.00	10.88 -0.89 0.00	10.14 -0.73 0.00	12.32 -0.83 0.00	2.83 -0.09 0.00	7.65 -0.29 0.00	25.69 -1.42 0.00	32.44 -2.21 0.00	51.16 -4.06 0.00	80.72 -7.01 0.00	100.86 -9.69 0.00	74.58 -7.00 0.00	68.03 -6.77 0.00	77.80 -7.82 0.00	76.27 -6.55 0.00	87.80 -6.01 0.00
OLIN_CORP_DRP 24177	45.40 -4.20 0.00	38.95 -3.44 0.00	32.20 -3.21 0.00	33.12 -2.99 0.00	34.57 -3.09 0.00	42.82 -4.07 0.00	40.64 -5.06 0.00	37.20 -4.37 0.00	27.42 -3.04 0.00	10.78 -0.99 0.00	10.03 -0.84 0.00	12.18 -0.97 0.00	2.81 -0.12 0.00	7.57 -0.37 0.00	25.38 -1.72 0.00	32.00 -2.65 0.00	50.44 -4.78 0.00	79.68 -8.05 0.00	99.45 -11.11 0.00	73.52 -8.05 0.00	67.09 -7.71 0.00	76.61 -9.01 0.00	75.43 -7.39 0.00	87.02 -6.79 0.00
OLIN_CORP_DSASP 323712	45.10 -4.49 0.00	38.64 -3.75 0.00	31.93 -3.48 0.00	32.88 -3.24 0.00	34.34 -3.32 0.00	42.55 -4.35 0.00	40.53 -5.17 0.00	37.09 -4.47 0.00	27.38 -3.08 0.00	10.77 -1.00 0.00	10.03 -0.84 0.00	12.19 -0.96 0.00	2.80 -0.12 0.00	7.58 -0.36 0.00	25.42 -1.69 0.00	32.08 -2.57 0.00	50.48 -4.73 0.00	79.62 -8.10 0.00	99.42 -11.14 0.00	73.46 -8.11 0.00	67.02 -7.78 0.00	76.58 -9.04 0.00	75.24 -7.57 0.00	86.75 -7.06 0.00
ONEIDA_HERK_LFGE 323681	50.82 1.23 0.00	43.56 1.17 0.00	36.44 1.03 0.00	37.19 1.07 0.00	38.85 1.18 0.00	48.34 1.45 0.00	47.28 1.57 0.00	43.03 1.47 0.00	31.33 0.88 0.00	12.04 0.27 0.00	11.11 0.24 0.00	13.41 0.26 0.00	2.98 0.05 0.00	8.06 0.11 0.00	27.46 0.35 0.00	35.14 0.49 0.00	56.59 1.37 0.00	91.31 3.58 0.00	115.65 5.09 0.00	85.09 3.51 0.00	77.44 2.63 0.00	88.81 3.20 0.00	85.79 2.97 0.00	96.95 3.14 0.00
ONEIDA___115KV_TB4 55905	50.59 1.00 0.00	43.24 0.85 0.00	36.11 0.70 0.00	36.90 0.79 0.00	38.54 0.87 0.00	48.03 1.13 0.00	46.94 1.23 0.00	42.80 1.23 0.00	31.27 0.82 0.00	12.03 0.26 0.00	11.11 0.24 0.00	13.40 0.24 0.00	2.99 0.07 0.00	8.13 0.18 0.00	27.62 0.51 0.00	35.42 0.76 0.00	56.80 1.58 0.00	90.85 3.12 0.00	114.75 4.19 0.00	84.61 3.03 0.00	77.13 2.33 0.00	88.28 2.66 0.00	85.35 2.54 0.00	96.45 2.64 0.00
ONONDAGA_REF_OCCRA 23987	48.91 -0.68 0.00	41.81 -0.58 0.00	34.95 -0.46 0.00	35.67 -0.44 0.00	37.18 -0.49 0.00	46.26 -0.64 0.00	45.08 -0.62 0.00	41.10 -0.47 0.00	30.17 -0.28 0.00	11.67 -0.10 0.00	10.79 -0.08 0.00	13.04 -0.11 0.00	2.93 0.00 0.00	7.96 0.02 0.00	27.04 -0.07 0.00	34.50 -0.15 0.00	54.90 -0.31 0.00	87.41 -0.32 0.00	110.21 -0.35 0.00	81.32 -0.25 0.00	74.25 -0.55 0.00	84.94 -0.68 0.00	82.18 -0.64 0.00	93.03 -0.78 0.00
ONONDAGA___COGEN 23986	49.04 -0.55 0.00	41.91 -0.48 0.00	35.05 -0.36 0.00	35.76 -0.36 0.00	37.29 -0.38 0.00	46.39 -0.51 0.00	45.20 -0.51 0.00	41.21 -0.35 0.00	30.27 -0.19 0.00	11.70 -0.07 0.00	10.82 -0.05 0.00	13.08 -0.08 0.00	2.94 0.01 0.00	7.97 0.03 0.00	27.09 -0.02 0.00	34.54 -0.11 0.00	55.02 -0.19 0.00	87.61 -0.12 0.00	110.42 -0.14 0.00	81.48 -0.10 0.00	74.42 -0.39 0.00	85.13 -0.48 0.00	82.35 -0.47 0.00	93.17 -0.64 0.00
ONTARIO___LFGE 23819	48.93 -0.66 0.00	41.88 -0.51 0.00	34.81 -0.60 0.00	35.58 -0.53 0.00	37.15 -0.52 0.00	46.30 -0.59 0.00	45.07 -0.64 0.00	41.16 -0.40 0.00	30.12 -0.33 0.00	11.64 -0.13 0.00	10.77 -0.11 0.00	13.02 -0.13 0.00	2.95 0.02 0.00	7.98 0.04 0.00	27.00 -0.11 0.00	34.54 -0.11 0.00	55.19 -0.02 0.00	87.66 -0.07 0.00	109.66 -0.90 0.00	81.27 -0.30 0.00	74.21 -0.59 0.00	84.81 -0.81 0.00	82.27 -0.55 0.00	93.38 -0.43 0.00
ORANGEVILLE_WT_PWR 323706	46.25 -3.34 0.00	39.74 -2.65 0.00	32.79 -2.62 0.00	33.69 -2.42 0.00	35.20 -2.46 0.00	43.97 -2.92 0.00	42.34 -3.36 0.00	38.72 -2.84 0.00	28.37 -2.08 0.00	11.04 -0.73 0.00	10.27 -0.60 0.00	12.46 -0.70 0.00	2.85 -0.07 0.00	7.71 -0.24 0.00	25.85 -1.26 0.00	32.79 -1.86 0.00	52.06 -3.15 0.00	82.74 -4.99 0.00	103.59 -6.96 0.00	76.73 -4.85 0.00	69.86 -4.94 0.00	79.93 -5.69 0.00	78.35 -4.47 0.00	90.20 -3.60 0.00
ORANGEVILLE___ESR 323794	46.25 -3.34 0.00	39.74 -2.65 0.00	32.79 -2.62 0.00	33.69 -2.42 0.00	35.20 -2.46 0.00	43.97 -2.92 0.00	42.34 -3.36 0.00	38.72 -2.84 0.00	28.37 -2.08 0.00	11.04 -0.73 0.00	10.27 -0.60 0.00	12.46 -0.70 0.00	2.85 -0.07 0.00	7.71 -0.24 0.00	25.85 -1.26 0.00	32.79 -1.86 0.00	52.06 -3.15 0.00	82.74 -4.99 0.00	103.59 -6.96 0.00	76.73 -4.85 0.00	69.86 -4.94 0.00	79.93 -5.69 0.00	78.35 -4.47 0.00	90.20 -3.60 0.00
OSWEGATCHIE___HYD 24044	51.15 1.56 0.00	43.92 1.53 0.00	36.72 1.32 0.00	37.52 1.41 0.00	39.24 1.58 0.00	48.66 1.77 0.00	47.27 1.56 0.00	42.91 1.34 0.00	31.19 0.73 0.00	11.99 0.21 0.00	11.04 0.17 0.00	13.37 0.22 0.00	2.92 -0.01 0.00	7.85 -0.09 0.00	26.92 -0.19 0.00	34.35 -0.30 0.00	55.49 0.28 0.00	89.90 2.18 0.00	113.95 3.39 0.00	83.61 2.04 0.00	76.30 1.50 0.00	87.72 2.11 0.00	84.87 2.05 0.00	96.38 2.57 0.00
OSWEGO___5 23606	47.96 -1.64 0.00	41.00 -1.39 0.00	34.32 -1.09 0.00	35.00 -1.11 0.00	36.48 -1.18 0.00	45.34 -1.55 0.00	44.16 -1.54 0.00	40.23 -1.34 0.00	29.57 -0.89 0.00	11.44 -0.33 0.00	10.58 -0.30 0.00	12.79 -0.36 0.00	2.87 -0.06 0.00	7.78 -0.16 0.00	26.47 -0.65 0.00	33.74 -0.91 0.00	53.63 -1.59 0.00	85.25 -2.48 0.00	107.42 -3.14 0.00	79.29 -2.28 0.00	72.52 -2.28 0.00	82.98 -2.63 0.00	80.37 -2.46 0.00	91.03 -2.78 0.00

OSWEGO___6 23613	47.96 -1.64 0.00	41.00 -1.39 0.00	34.32 -1.09 0.00	35.00 -1.11 0.00	36.48 -1.18 0.00	45.34 -1.55 0.00	44.16 -1.54 0.00	40.23 -1.34 0.00	29.57 -0.89 0.00	11.44 -0.33 0.00	10.58 -0.30 0.00	12.79 -0.36 0.00	2.87 -0.06 0.00	7.78 -0.16 0.00	26.47 -0.65 0.00	33.74 -0.91 0.00	53.63 -1.59 0.00	85.25 -2.48 0.00	107.42 -3.14 0.00	79.29 -2.28 0.00	72.52 -2.28 0.00	82.98 -2.63 0.00	80.37 -2.46 0.00	91.03 -2.78 0.00
OUTOKUMPU-AB___DRP 24206	46.31 -3.28 0.00	39.70 -2.69 0.00	32.79 -2.62 0.00	33.74 -2.37 0.00	35.22 -2.45 0.00	43.67 -3.22 0.00	41.66 -4.05 0.00	38.12 -3.45 0.00	28.08 -2.37 0.00	11.02 -0.75 0.00	10.26 -0.61 0.00	12.46 -0.69 0.00	2.87 -0.06 0.00	7.74 -0.20 0.00	25.98 -1.13 0.00	32.80 -1.85 0.00	51.68 -3.53 0.00	81.52 -6.20 0.00	101.77 -8.79 0.00	75.26 -6.32 0.00	68.62 -6.18 0.00	78.43 -7.19 0.00	77.01 -5.81 0.00	88.72 -5.09 0.00
OXBOW___BTM 323836	45.63 -3.96 0.00	39.10 -3.30 0.00	32.30 -3.11 0.00	33.24 -2.87 0.00	34.71 -2.96 0.00	43.02 -3.87 0.00	41.02 -4.69 0.00	37.53 -4.04 0.00	27.68 -2.77 0.00	10.88 -0.89 0.00	10.13 -0.74 0.00	12.31 -0.84 0.00	2.83 -0.09 0.00	7.65 -0.29 0.00	25.65 -1.46 0.00	32.38 -2.27 0.00	51.02 -4.19 0.00	80.47 -7.26 0.00	100.48 -10.08 0.00	74.27 -7.30 0.00	67.74 -7.06 0.00	77.40 -8.22 0.00	76.00 -6.81 0.00	87.58 -6.23 0.00
OXBOW____ 24026	45.64 -3.96 0.00	39.10 -3.29 0.00	32.30 -3.11 0.00	33.25 -2.86 0.00	34.71 -2.95 0.00	43.03 -3.87 0.00	41.03 -4.68 0.00	37.54 -4.03 0.00	27.69 -2.77 0.00	10.88 -0.89 0.00	10.13 -0.74 0.00	12.31 -0.85 0.00	2.83 -0.09 0.00	7.65 -0.29 0.00	25.67 -1.44 0.00	32.39 -2.25 0.00	51.02 -4.19 0.00	80.48 -7.25 0.00	100.47 -10.09 0.00	74.26 -7.32 0.00	67.75 -7.05 0.00	77.39 -8.23 0.00	76.01 -6.81 0.00	87.58 -6.23 0.00
OXY_CHEM_DSASP 323612	45.12 -4.48 0.00	38.64 -3.75 0.00	31.94 -3.47 0.00	32.88 -3.23 0.00	34.35 -3.32 0.00	42.55 -4.34 0.00	40.55 -5.16 0.00	37.10 -4.46 0.00	27.39 -3.06 0.00	10.77 -1.00 0.00	10.04 -0.84 0.00	12.19 -0.96 0.00	2.81 -0.12 0.00	7.58 -0.36 0.00	25.44 -1.67 0.00	32.09 -2.56 0.00	50.48 -4.73 0.00	79.63 -8.10 0.00	99.40 -11.15 0.00	73.47 -8.11 0.00	67.03 -7.77 0.00	76.56 -9.05 0.00	75.24 -7.57 0.00	86.75 -7.06 0.00
OZONE_PARK_ESR 323760	51.66 2.07 0.00	44.07 1.68 0.00	36.64 1.23 0.00	37.29 1.18 0.00	38.85 1.18 0.00	48.62 1.73 0.00	47.64 1.94 0.00	43.55 1.98 0.00	31.75 1.30 0.00	12.32 0.55 0.00	11.47 0.60 0.00	13.86 0.70 0.00	3.15 0.22 0.00	8.57 0.63 0.00	29.01 1.90 0.00	37.02 2.37 0.00	58.56 3.35 0.00	93.05 5.32 0.00	117.43 6.87 0.00	86.77 5.20 0.00	79.04 4.24 0.00	90.38 4.76 0.00	87.40 4.58 0.00	98.34 4.53 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	45.12 -4.48 0.00	38.64 -3.75 0.00	31.94 -3.47 0.00	32.88 -3.23 0.00	34.35 -3.32 0.00	42.55 -4.34 0.00	40.55 -5.16 0.00	37.10 -4.46 0.00	27.39 -3.06 0.00	10.77 -1.00 0.00	10.04 -0.84 0.00	12.19 -0.96 0.00	2.81 -0.12 0.00	7.58 -0.36 0.00	25.44 -1.67 0.00	32.09 -2.56 0.00	50.48 -4.73 0.00	79.63 -8.10 0.00	99.40 -11.15 0.00	73.47 -8.11 0.00	67.03 -7.77 0.00	76.56 -9.05 0.00	75.24 -7.57 0.00	86.75 -7.06 0.00
PACKARD__115KV_DUPONT_184 80571	45.12 -4.48 0.00	38.64 -3.75 0.00	31.94 -3.47 0.00	32.88 -3.23 0.00	34.35 -3.32 0.00	42.55 -4.34 0.00	40.55 -5.16 0.00	37.10 -4.46 0.00	27.39 -3.06 0.00	10.77 -1.00 0.00	10.04 -0.84 0.00	12.19 -0.96 0.00	2.81 -0.12 0.00	7.58 -0.36 0.00	25.44 -1.67 0.00	32.09 -2.56 0.00	50.48 -4.73 0.00	79.63 -8.10 0.00	99.40 -11.15 0.00	73.47 -8.11 0.00	67.03 -7.77 0.00	76.56 -9.05 0.00	75.24 -7.57 0.00	86.75 -7.06 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	51.22 1.63 0.00	43.75 1.36 0.00	36.41 1.00 0.00	37.05 0.94 0.00	38.57 0.91 0.00	48.27 1.38 0.00	47.23 1.52 0.00	43.16 1.59 0.00	31.50 1.04 0.00	12.25 0.47 -0.01	11.36 0.48 -0.01	13.73 0.57 0.00	3.13 0.19 -0.01	8.49 0.54 -0.01	28.75 1.63 -0.01	36.69 2.04 0.00	57.86 2.64 0.00	92.04 4.32 0.00	116.26 5.70 0.00	85.92 4.35 0.00	78.28 3.48 0.00	89.55 3.93 0.00	86.57 3.75 0.00	97.38 3.57 0.00
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	51.61 2.01 0.00	44.03 1.64 0.00	36.66 1.25 0.00	37.39 1.28 0.00	38.95 1.28 0.00	48.80 1.91 0.00	47.73 2.02 0.00	43.60 2.03 0.00	31.80 1.35 0.00	12.35 0.57 -0.01	11.45 0.57 -0.01	13.82 0.67 0.00	3.15 0.21 -0.01	8.54 0.59 -0.01	28.92 1.80 -0.01	36.91 2.26 0.00	58.23 3.02 0.00	92.81 5.08 0.00	117.27 6.71 0.00	86.72 5.15 0.00	79.00 4.19 0.00	90.27 4.66 0.00	87.27 4.46 0.00	98.19 4.38 0.00
PATROON__115KV_TB1 80586	50.84 1.24 0.00	43.38 0.99 0.00	36.22 0.81 0.00	36.89 0.78 0.00	38.44 0.77 0.00	47.95 1.06 0.00	46.90 1.19 0.00	42.55 0.99 0.00	31.06 0.60 0.00	11.97 0.19 0.00	11.05 0.18 0.00	13.34 0.19 0.00	3.00 0.07 0.00	8.17 0.22 0.00	27.82 0.72 0.00	35.57 0.92 0.00	56.79 1.58 0.00	90.34 2.61 0.00	114.12 3.56 0.00	84.26 2.69 0.00	77.15 2.35 0.00	88.41 2.80 0.00	85.51 2.69 0.00	96.72 2.92 0.00
PATTRSNVILLE___SOLAR 323815	51.18 1.58 0.00	43.74 1.35 0.00	36.52 1.11 0.00	37.22 1.11 0.00	38.81 1.15 0.00	48.40 1.50 0.00	47.24 1.53 0.00	42.81 1.24 0.00	31.01 0.55 0.00	11.93 0.15 0.00	11.01 0.13 0.00	13.27 0.12 0.00	2.98 0.05 0.00	8.07 0.13 0.00	27.49 0.38 0.00	35.23 0.59 0.00	56.75 1.53 0.00	91.17 3.44 0.00	115.17 4.62 0.00	85.06 3.48 0.00	77.76 2.96 0.00	89.04 3.42 0.00	86.05 3.24 0.00	97.23 3.43 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	47.79 -1.81 0.00	40.97 -1.42 0.00	33.87 -1.54 0.00	34.82 -1.29 0.00	36.35 -1.31 0.00	45.17 -1.73 0.00	43.21 -2.50 0.00	39.47 -2.10 0.00	29.01 -1.44 0.00	11.35 -0.43 0.00	10.59 -0.28 0.00	12.88 -0.27 0.00	2.96 0.03 0.00	7.99 0.05 0.00	26.82 -0.29 0.00	33.92 -0.72 0.00	53.68 -1.53 0.00	84.65 -3.07 0.00	105.87 -4.69 0.00	78.31 -3.26 0.00	71.37 -3.43 0.00	81.73 -3.88 0.00	80.09 -2.73 0.00	92.06 -1.75 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	51.78 2.19 0.00	44.17 1.77 0.00	36.77 1.36 0.00	37.43 1.32 0.00	39.02 1.35 0.00	48.81 1.92 0.00	47.86 2.15 0.00	43.64 2.08 0.00	31.80 1.35 0.00	12.29 0.52 0.00	11.39 0.51 0.00	13.75 0.60 0.00	3.12 0.19 0.00	8.47 0.53 0.00	28.74 1.63 0.00	36.70 2.05 0.00	58.33 3.11 0.00	93.06 5.34 0.00	117.59 7.04 0.00	86.87 5.29 0.00	79.20 4.39 0.00	90.54 4.93 0.00	87.45 4.63 0.00	98.40 4.59 0.00
PEEKSKILL____ 23653	50.98 1.38 0.00	43.50 1.11 0.00	36.22 0.81 0.00	36.86 0.74 0.00	38.40 0.73 0.00	48.05 1.16 0.00	47.10 1.39 0.00	42.97 1.40 0.00	31.30 0.85 0.00	12.12 0.34 0.00	11.24 0.36 0.00	13.57 0.42 0.00	3.08 0.15 0.00	8.39 0.44 0.00	28.41 1.30 0.00	36.24 1.60 0.00	57.41 2.19 0.00	91.37 3.64 0.00	115.32 4.77 0.00	85.16 3.59 0.00	77.61 2.80 0.00	88.81 3.20 0.00	85.85 3.03 0.00	96.63 2.82 0.00

PGE MADISON___WINDPWR 24146	50.77 1.18 0.00	43.60 1.21 0.00	36.34 0.93 0.00	37.36 1.24 0.00	39.08 1.42 0.00	48.94 2.05 0.00	48.24 2.53 0.00	44.34 2.78 0.00	32.31 1.86 0.00	12.25 0.48 0.00	11.14 0.26 0.00	13.30 0.15 0.00	3.01 0.08 0.00	8.11 0.17 0.00	27.51 0.40 0.00	35.22 0.57 0.00	57.90 2.69 0.00	94.62 6.89 0.00	120.99 10.43 0.00	89.90 8.32 0.00	81.50 6.70 0.00	92.94 7.33 0.00	90.40 7.59 0.00	101.43 7.62 0.00
PIERCEFIELD___HYD 23852	51.53 1.94 0.00	44.16 1.77 0.00	36.85 1.44 0.00	37.67 1.56 0.00	39.41 1.74 0.00	48.79 1.90 0.00	47.05 1.35 0.00	42.61 1.04 0.00	31.18 0.73 0.00	12.05 0.27 0.00	11.13 0.26 0.00	13.53 0.38 0.00	2.92 0.00 0.00	7.88 -0.07 0.00	27.10 -0.01 0.00	34.56 -0.09 0.00	55.43 0.22 0.00	88.42 0.70 0.00	111.31 0.76 0.00	81.77 0.20 0.00	75.34 0.53 0.00	86.52 0.90 0.00	83.92 1.10 0.00	95.81 2.01 0.00
PINELAWN_CC_1 323563	51.80 2.21 0.00	44.32 1.92 0.00	36.89 1.48 0.00	37.50 1.39 0.00	39.05 1.38 0.00	48.97 2.08 0.00	48.01 2.30 0.00	43.82 2.25 0.00	31.88 1.43 0.00	12.32 0.54 0.00	11.38 0.50 0.00	13.71 0.56 0.00	3.11 0.19 0.00	8.50 0.55 0.00	28.83 1.73 0.00	36.96 2.31 0.00	58.70 3.49 0.00	126.97 6.07 -33.17	118.00 7.44 0.00	87.00 5.42 0.00	79.45 4.65 0.00	90.79 5.18 0.00	87.59 4.77 0.00	98.72 4.91 0.00
PJM_GEN_HTP_PROXY 323702	51.15 1.56 0.00	43.65 1.26 0.00	36.29 0.88 0.00	36.95 0.84 0.00	38.48 0.81 0.00	48.16 1.26 0.00	47.20 1.49 0.00	43.12 1.55 0.00	31.44 0.99 0.00	12.20 0.42 0.00	8.50 0.47 2.84	13.71 0.55 0.00	9.00 0.19 -5.88	8.47 0.53 0.00	28.70 1.59 0.00	36.60 1.96 0.00	57.88 2.67 0.00	91.92 4.19 0.00	114.80 5.41 1.18	85.67 4.10 0.00	78.06 3.26 0.00	89.33 3.65 -0.07	86.34 3.52 0.00	97.17 3.37 0.00
PJM_GEN_KEystone 24065	46.47 -0.80 2.32	41.24 -0.61 0.54	34.62 -0.71 0.08	35.34 -0.69 0.08	36.75 -0.76 0.15	46.01 -0.85 0.03	44.73 -0.94 0.04	45.91 -0.70 -5.04	29.73 -0.68 0.04	11.56 -0.21 0.00	7.77 -0.12 2.99	12.87 -0.11 0.17	8.82 0.05 -5.85	8.09 0.14 0.00	27.12 0.14 0.13	34.41 -0.02 0.22	54.43 -0.37 0.41	86.86 -0.87 0.00	108.03 -1.35 1.18	80.70 -0.88 0.00	73.48 -1.32 0.00	84.45 -1.24 -0.07	81.97 -0.85 0.00	93.01 -0.80 0.00
PJM_GEN_NEPTUNE_PROXY 323594	51.32 1.73 0.00	43.87 1.48 0.00	36.52 1.12 0.00	37.14 1.03 0.00	38.68 1.01 0.00	48.48 1.59 0.00	47.53 1.82 0.00	43.38 1.81 0.00	31.60 1.15 0.00	12.24 0.47 0.00	8.49 0.46 2.84	13.68 0.52 0.00	8.99 0.18 -5.88	8.47 0.53 0.00	28.70 1.59 0.00	36.70 2.06 0.00	58.14 2.93 0.00	110.23 4.93 -17.57	115.44 6.05 1.18	86.01 4.43 0.00	78.51 3.71 0.00	89.81 4.13 -0.07	86.66 3.85 0.00	97.66 3.86 0.00
PJM_GEN_VFT_PROXY 323633	15.50 1.19 35.28	30.00 0.93 13.32	30.00 0.62 6.03	30.00 0.56 6.67	30.00 0.53 8.20	30.00 0.91 17.81	30.00 1.16 16.87	30.00 1.27 12.84	28.59 0.77 2.63	12.14 0.36 0.00	6.37 0.40 4.90	11.25 0.46 2.37	8.52 0.18 -5.42	8.43 0.49 0.00	26.68 1.41 1.84	29.80 1.74 6.58	30.00 2.32 27.53	75.37 3.75 16.11	114.27 4.89 1.18	85.27 3.70 0.00	77.62 2.82 0.00	88.86 3.18 -0.07	85.85 3.03 0.00	96.64 2.83 0.00
PLATSBURG_115KV_PMLD1 355749	43.00 -0.52 6.08	42.40 0.01 0.00	35.39 -0.02 0.00	36.20 0.09 0.00	38.03 0.36 0.00	47.10 0.21 0.00	45.64 -0.07 0.00	41.34 -0.23 0.00	30.36 -0.09 0.00	11.82 0.05 0.00	10.82 -0.05 0.00	13.12 -0.03 0.00	2.88 -0.05 0.00	7.75 -0.19 0.00	26.42 -0.69 0.00	33.71 -0.94 0.00	54.43 -0.79 0.00	86.41 -1.32 0.00	110.23 -0.32 0.00	80.17 -1.40 0.00	74.14 -0.67 0.00	84.68 -0.94 0.00	82.17 -0.65 0.00	93.66 -0.15 0.00
PLEASANTVLY___LBMP 24000	50.96 1.37 0.00	43.46 1.08 0.00	36.20 0.79 0.00	36.85 0.74 0.00	38.40 0.74 0.00	48.02 1.13 0.00	47.05 1.35 0.00	42.88 1.31 0.00	31.26 0.80 0.00	12.08 0.31 0.00	11.19 0.32 0.00	13.51 0.36 0.00	3.06 0.13 0.00	8.33 0.38 0.00	28.25 1.14 0.00	36.06 1.41 0.00	57.23 2.02 0.00	91.18 3.45 0.00	115.18 4.62 0.00	85.08 3.51 0.00	77.59 2.79 0.00	88.80 3.19 0.00	85.85 3.03 0.00	96.65 2.84 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	51.40 1.81 0.00	43.78 1.39 0.00	36.48 1.07 0.00	37.11 1.00 0.00	38.66 1.00 0.00	48.37 1.48 0.00	47.39 1.68 0.00	43.22 1.66 0.00	31.51 1.05 0.00	12.19 0.42 0.00	11.31 0.44 0.00	13.67 0.51 0.00	3.10 0.17 0.00	8.44 0.50 0.00	28.63 1.51 0.00	36.50 1.85 0.00	57.78 2.56 0.00	91.83 4.10 0.00	115.94 5.39 0.00	85.64 4.07 0.00	78.07 3.27 0.00	89.31 3.70 0.00	86.35 3.53 0.00	97.18 3.37 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	51.40 1.81 0.00	43.78 1.39 0.00	36.48 1.07 0.00	37.11 1.00 0.00	38.66 1.00 0.00	48.37 1.48 0.00	47.39 1.68 0.00	43.22 1.66 0.00	31.51 1.05 0.00	12.19 0.42 0.00	11.31 0.44 0.00	13.67 0.51 0.00	3.10 0.17 0.00	8.44 0.50 0.00	28.63 1.51 0.00	36.50 1.85 0.00	57.78 2.56 0.00	91.83 4.10 0.00	115.94 5.39 0.00	85.64 4.07 0.00	78.07 3.27 0.00	89.31 3.70 0.00	86.35 3.53 0.00	97.18 3.37 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	51.60 2.01 0.00	44.01 1.62 0.00	36.65 1.24 0.00	37.31 1.20 0.00	38.89 1.23 0.00	48.66 1.77 0.00	47.68 1.97 0.00	43.45 1.88 0.00	31.64 1.18 0.00	12.21 0.44 0.00	11.30 0.42 0.00	13.64 0.48 0.00	3.09 0.16 0.00	8.40 0.45 0.00	28.50 1.39 0.00	36.42 1.77 0.00	57.97 2.75 0.00	92.53 4.80 0.00	116.98 6.43 0.00	86.42 4.85 0.00	78.79 3.99 0.00	90.12 4.51 0.00	87.07 4.25 0.00	97.95 4.15 0.00
POLETTI___ 23519	51.05 1.46 0.00	43.55 1.16 0.00	36.22 0.81 0.00	36.86 0.75 0.00	38.39 0.73 0.00	48.05 1.16 0.00	47.09 1.38 0.00	43.03 1.46 0.00	31.36 0.91 0.00	12.18 0.40 0.00	11.35 0.47 0.00	13.71 0.56 0.00	3.12 0.19 0.00	8.48 0.54 0.00	28.71 1.60 0.00	36.63 1.98 0.00	57.92 2.70 0.00	91.92 4.19 0.00	115.92 5.36 0.00	85.67 4.09 0.00	78.03 3.23 0.00	89.25 3.64 0.00	86.29 3.47 0.00	97.10 3.29 0.00
POMONA___ESR 323819	50.86 1.27 0.00	43.41 1.02 0.00	36.15 0.74 0.00	36.78 0.67 0.00	38.30 0.64 0.00	47.96 1.06 0.00	47.00 1.28 0.00	42.88 1.31 0.00	31.22 0.76 0.00	12.08 0.31 0.00	11.21 0.33 0.00	13.53 0.37 0.00	3.07 0.15 0.00	8.36 0.42 0.00	28.33 1.22 0.00	36.12 1.47 0.00	57.20 1.98 0.00	91.08 3.35 0.00	114.90 4.35 0.00	84.84 3.26 0.00	77.29 2.49 0.00	88.47 2.86 0.00	85.52 2.71 0.00	96.29 2.48 0.00
PORT_JEFF_3 23555	52.05 2.46 0.00	44.52 2.13 0.00	37.10 1.69 0.00	37.69 1.58 0.00	39.24 1.58 0.00	49.27 2.37 0.00	48.33 2.63 0.00	44.12 2.55 0.00	32.06 1.61 0.00	12.36 0.59 0.00	11.41 0.54 0.00	13.74 0.59 0.00	3.12 0.19 0.00	8.52 0.58 0.00	28.95 1.84 0.00	37.13 2.48 0.00	59.07 3.86 0.00	127.72 6.82 -33.17	118.45 7.89 0.00	87.30 5.73 0.00	79.85 5.05 0.00	91.20 5.59 0.00	87.94 5.12 0.00	99.09 5.28 0.00

PORT_JEFF_4 23616	52.05 2.46 0.00	44.52 2.13 0.00	37.10 1.69 0.00	37.69 1.58 0.00	39.24 1.58 0.00	49.27 2.37 0.00	48.33 2.63 0.00	44.12 2.55 0.00	32.06 1.61 0.00	12.36 0.59 0.00	11.41 0.54 0.00	13.74 0.59 0.00	3.12 0.19 0.00	8.52 0.58 0.00	28.95 1.84 0.00	37.13 2.48 0.00	59.07 3.86 0.00	127.72 6.82 -33.17	118.45 7.89 0.00	87.30 5.73 0.00	79.85 5.05 0.00	91.20 5.59 0.00	87.94 5.12 0.00	99.09 5.28 0.00
PORT_JEFF_IC 23713	52.10 2.50 0.00	44.55 2.16 0.00	37.12 1.71 0.00	37.72 1.61 0.00	39.27 1.61 0.00	49.29 2.40 0.00	48.36 2.65 0.00	44.13 2.57 0.00	32.07 1.62 0.00	12.37 0.60 0.00	11.41 0.54 0.00	13.75 0.59 0.00	3.12 0.19 0.00	8.52 0.58 0.00	28.96 1.85 0.00	37.14 2.49 0.00	59.10 3.89 0.00	127.81 6.91 -33.17	118.56 8.00 0.00	87.38 5.80 0.00	79.92 5.12 0.00	91.27 5.66 0.00	88.00 5.18 0.00	99.14 5.34 0.00
PPL_PILGRIM_ST_GT1 24216	52.17 2.57 0.00	44.63 2.24 0.00	37.19 1.79 0.00	37.79 1.68 0.00	39.33 1.66 0.00	49.36 2.46 0.00	48.43 2.72 0.00	44.21 2.64 0.00	32.16 1.71 0.00	12.41 0.63 0.00	11.44 0.57 0.00	13.78 0.63 0.00	3.13 0.20 0.00	8.55 0.60 0.00	29.04 1.93 0.00	37.21 2.56 0.00	59.17 3.96 0.00	127.71 6.81 -33.17	118.68 8.13 0.00	87.48 5.91 0.00	79.98 5.18 0.00	91.37 5.75 0.00	88.14 5.32 0.00	99.39 5.58 0.00
PPL_PILGRIM_ST_GT2 24217	52.17 2.57 0.00	44.63 2.24 0.00	37.19 1.79 0.00	37.79 1.68 0.00	39.33 1.66 0.00	49.36 2.46 0.00	48.43 2.72 0.00	44.21 2.64 0.00	32.16 1.71 0.00	12.41 0.63 0.00	11.44 0.57 0.00	13.78 0.63 0.00	3.13 0.20 0.00	8.55 0.60 0.00	29.04 1.93 0.00	37.21 2.56 0.00	59.17 3.96 0.00	127.71 6.81 -33.17	118.68 8.13 0.00	87.48 5.91 0.00	79.98 5.18 0.00	91.37 5.75 0.00	88.14 5.32 0.00	99.39 5.58 0.00
PPL_SHRM_GT3 24213	52.09 2.50 0.00	44.56 2.17 0.00	37.13 1.72 0.00	37.72 1.61 0.00	39.28 1.62 0.00	49.34 2.44 0.00	48.40 2.70 0.00	44.17 2.60 0.00	32.05 1.60 0.00	12.35 0.57 0.00	11.39 0.51 0.00	13.71 0.56 0.00	3.11 0.18 0.00	8.49 0.55 0.00	28.89 1.78 0.00	37.08 2.43 0.00	59.12 3.90 0.00	127.95 7.05 -33.17	118.00 7.44 0.00	86.97 5.40 0.00	79.76 4.96 0.00	91.08 5.47 0.00	87.77 4.95 0.00	98.82 5.01 0.00
PPL_SHRM_GT4 24214	52.09 2.50 0.00	44.56 2.17 0.00	37.13 1.72 0.00	37.72 1.61 0.00	39.28 1.62 0.00	49.34 2.44 0.00	48.40 2.70 0.00	44.17 2.60 0.00	32.05 1.60 0.00	12.35 0.57 0.00	11.39 0.51 0.00	13.71 0.56 0.00	3.11 0.18 0.00	8.49 0.55 0.00	28.89 1.78 0.00	37.08 2.43 0.00	59.12 3.90 0.00	127.95 7.05 -33.17	118.00 7.44 0.00	86.97 5.40 0.00	79.76 4.96 0.00	91.08 5.47 0.00	87.77 4.95 0.00	98.82 5.01 0.00
PROJECT___ORANGE 1 24174	48.50 -1.10 0.00	41.46 -0.93 0.00	34.68 -0.72 0.00	35.39 -0.72 0.00	36.87 -0.79 0.00	45.86 -1.03 0.00	44.69 -1.02 0.00	40.73 -0.84 0.00	29.92 -0.54 0.00	11.58 -0.19 0.00	10.72 -0.16 0.00	12.95 -0.20 0.00	2.91 -0.02 0.00	7.91 -0.03 0.00	26.85 -0.26 0.00	34.23 -0.42 0.00	54.43 -0.79 0.00	86.61 -1.12 0.00	109.16 -1.39 0.00	80.57 -1.00 0.00	73.57 -1.23 0.00	84.16 -1.45 0.00	81.45 -1.37 0.00	92.24 -1.57 0.00
PROJECT___ORANGE 2 24166	48.50 -1.10 0.00	41.46 -0.93 0.00	34.68 -0.72 0.00	35.39 -0.72 0.00	36.87 -0.79 0.00	45.86 -1.03 0.00	44.69 -1.02 0.00	40.73 -0.84 0.00	29.92 -0.54 0.00	11.58 -0.19 0.00	10.72 -0.16 0.00	12.95 -0.20 0.00	2.91 -0.02 0.00	7.91 -0.03 0.00	26.85 -0.26 0.00	34.23 -0.42 0.00	54.43 -0.79 0.00	86.61 -1.12 0.00	109.16 -1.39 0.00	80.57 -1.00 0.00	73.57 -1.23 0.00	84.16 -1.45 0.00	81.45 -1.37 0.00	92.24 -1.57 0.00
PUCKETT___SOLAR 323809	49.30 -0.30 0.00	42.21 -0.18 0.00	35.15 -0.26 0.00	36.01 -0.10 0.00	37.52 -0.14 0.00	46.81 -0.09 0.00	45.65 -0.06 0.00	41.68 0.11 0.00	30.32 -0.13 0.00	11.67 -0.11 0.00	10.74 -0.14 0.00	12.98 -0.17 0.00	2.94 0.01 0.00	7.97 0.03 0.00	27.04 -0.08 0.00	34.58 -0.07 0.00	55.60 0.38 0.00	88.89 1.16 0.00	112.33 1.77 0.00	83.10 1.53 0.00	75.75 0.95 0.00	86.69 1.08 0.00	84.11 1.29 0.00	94.98 1.17 0.00
PYRITES___HYD 24023	52.67 3.08 0.00	45.09 2.70 0.00	37.60 2.20 0.00	38.46 2.35 0.00	40.23 2.56 0.00	49.85 2.95 0.00	48.13 2.42 0.00	43.52 1.96 0.00	31.68 1.23 0.00	12.19 0.41 0.00	11.22 0.35 0.00	13.63 0.48 0.00	2.94 0.01 0.00	7.91 -0.03 0.00	27.26 0.15 0.00	34.80 0.15 0.00	56.02 0.80 0.00	90.18 2.45 0.00	113.98 3.42 0.00	83.79 2.22 0.00	77.25 2.45 0.00	88.53 2.91 0.00	85.62 2.80 0.00	97.69 3.88 0.00
QUAKERRD_115KV_BK1 80622	46.79 -2.80 0.00	40.03 -2.36 0.00	33.36 -2.05 0.00	34.14 -1.98 0.00	35.62 -2.04 0.00	44.26 -2.63 0.00	42.79 -2.92 0.00	39.06 -2.51 0.00	28.75 -1.70 0.00	11.19 -0.58 0.00	10.38 -0.49 0.00	12.57 -0.58 0.00	2.85 -0.08 0.00	7.71 -0.23 0.00	26.13 -0.98 0.00	33.21 -1.44 0.00	52.66 -2.56 0.00	83.55 -4.18 0.00	104.93 -5.62 0.00	77.46 -4.11 0.00	70.72 -4.08 0.00	80.75 -4.86 0.00	78.45 -4.36 0.00	89.38 -4.43 0.00
QUEENSBRY_115KV_TB8 356137	54.47 4.87 0.00	46.35 3.96 0.00	38.67 3.26 0.00	39.35 3.24 0.00	41.09 3.43 0.00	51.36 4.47 0.00	50.33 4.62 0.00	45.55 3.98 0.00	32.98 2.53 0.00	12.65 0.87 0.00	11.61 0.74 0.00	14.02 0.87 0.00	3.15 0.22 0.00	8.61 0.67 0.00	29.39 2.28 0.00	37.65 3.00 0.00	61.05 5.84 0.00	98.59 10.86 0.00	124.76 14.20 0.00	91.97 10.39 0.00	83.91 9.11 0.00	95.91 10.30 0.00	92.33 9.51 0.00	103.96 10.15 0.00
RAMAPO___LBMP 323565	50.73 1.15 0.00	43.30 0.91 0.00	36.07 0.66 0.00	36.70 0.59 0.00	38.22 0.55 0.00	47.84 0.95 0.00	46.89 1.18 0.00	42.79 1.22 0.00	31.15 0.69 0.00	12.05 0.28 0.00	11.17 0.30 0.00	13.48 0.33 0.00	3.06 0.13 0.00	8.34 0.39 0.00	28.23 1.12 0.00	35.99 1.34 0.00	56.99 1.77 0.00	90.76 3.03 0.00	114.56 4.00 0.00	84.55 2.97 0.00	77.03 2.23 0.00	88.19 2.57 0.00	85.28 2.46 0.00	96.03 2.22 0.00
RANKINE____ 23646	47.01 -2.59 0.00	40.29 -2.10 0.00	33.29 -2.12 0.00	34.25 -1.86 0.00	35.77 -1.90 0.00	44.46 -2.43 0.00	42.54 -3.17 0.00	38.89 -2.68 0.00	28.60 -1.86 0.00	11.20 -0.57 0.00	10.44 -0.43 0.00	12.68 -0.47 0.00	2.91 -0.02 0.00	7.87 -0.07 0.00	26.41 -0.71 0.00	33.38 -1.27 0.00	52.78 -2.43 0.00	83.41 -4.32 0.00	104.28 -6.27 0.00	77.11 -4.46 0.00	70.32 -4.48 0.00	80.44 -5.18 0.00	78.82 -4.00 0.00	90.70 -3.11 0.00
RAVENSWOOD_GT2_1 24244	51.22 1.63 0.00	43.70 1.31 0.00	36.36 0.95 0.00	37.00 0.89 0.00	38.55 0.88 0.00	48.24 1.35 0.00	47.26 1.55 0.00	43.17 1.60 0.00	31.47 1.02 0.00	12.21 0.44 0.00	11.36 0.49 0.00	13.73 0.57 0.00	3.12 0.19 0.00	8.49 0.55 0.00	28.74 1.63 0.00	36.67 2.02 0.00	57.99 2.77 0.00	92.08 4.35 0.00	116.16 5.60 0.00	85.84 4.26 0.00	78.21 3.41 0.00	89.47 3.85 0.00	86.49 3.67 0.00	97.33 3.53 0.00



RAVENSWOOD_GT2_2 24245	51.22 1.63 0.00	43.70 1.31 0.00	36.36 0.95 0.00	37.00 0.89 0.00	38.55 0.88 0.00	48.24 1.35 0.00	47.26 1.55 0.00	43.17 1.60 0.00	31.47 1.02 0.00	12.21 0.44 0.00	11.36 0.49 0.00	13.73 0.57 0.00	3.12 0.19 0.00	8.49 0.55 0.00	28.74 1.63 0.00	36.67 2.02 0.00	57.99 2.77 0.00	92.08 4.35 0.00	116.16 5.60 0.00	85.84 4.26 0.00	78.21 3.41 0.00	89.47 3.85 0.00	86.49 3.67 0.00	97.33 3.53 0.00
RAVENSWOOD_GT2_3 24246	51.25 1.66 0.00	43.73 1.34 0.00	36.38 0.97 0.00	37.02 0.91 0.00	38.55 0.89 0.00	48.26 1.36 0.00	47.28 1.57 0.00	43.18 1.61 0.00	31.48 1.03 0.00	12.22 0.45 0.00	11.37 0.50 0.00	13.73 0.58 0.00	3.12 0.19 0.00	8.49 0.55 0.00	28.75 1.64 0.00	36.67 2.03 0.00	58.01 2.80 0.00	92.13 4.41 0.00	116.21 5.65 0.00	85.88 4.30 0.00	78.23 3.43 0.00	89.49 3.87 0.00	86.52 3.70 0.00	97.39 3.58 0.00
RAVENSWOOD_GT2_4 24247	51.25 1.66 0.00	43.73 1.34 0.00	36.38 0.97 0.00	37.02 0.91 0.00	38.55 0.89 0.00	48.26 1.36 0.00	47.28 1.57 0.00	43.18 1.61 0.00	31.48 1.03 0.00	12.22 0.45 0.00	11.37 0.50 0.00	13.73 0.58 0.00	3.12 0.19 0.00	8.49 0.55 0.00	28.75 1.64 0.00	36.67 2.03 0.00	58.01 2.80 0.00	92.13 4.41 0.00	116.21 5.65 0.00	85.88 4.30 0.00	78.23 3.43 0.00	89.49 3.87 0.00	86.52 3.70 0.00	97.39 3.58 0.00
RAVENSWOOD_GT3_1 24248	51.22 1.63 0.00	43.70 1.31 0.00	36.36 0.95 0.00	37.00 0.89 0.00	38.55 0.88 0.00	48.24 1.34 0.00	47.26 1.55 0.00	43.17 1.60 0.00	31.47 1.02 0.00	12.21 0.44 0.00	11.36 0.49 0.00	13.73 0.57 0.00	3.12 0.19 0.00	8.49 0.55 0.00	28.74 1.63 0.00	36.67 2.02 0.00	57.99 2.77 0.00	92.07 4.34 0.00	116.15 5.59 0.00	85.84 4.26 0.00	78.20 3.39 0.00	89.43 3.82 0.00	86.49 3.67 0.00	97.33 3.53 0.00
RAVENSWOOD_GT3_2 24249	51.22 1.63 0.00	43.70 1.31 0.00	36.36 0.95 0.00	37.00 0.89 0.00	38.55 0.88 0.00	48.24 1.34 0.00	47.26 1.55 0.00	43.17 1.60 0.00	31.47 1.02 0.00	12.21 0.44 0.00	11.36 0.49 0.00	13.73 0.57 0.00	3.12 0.19 0.00	8.49 0.55 0.00	28.74 1.63 0.00	36.67 2.02 0.00	57.99 2.77 0.00	92.07 4.34 0.00	116.15 5.59 0.00	85.84 4.26 0.00	78.20 3.39 0.00	89.43 3.82 0.00	86.49 3.67 0.00	97.33 3.53 0.00
RAVENSWOOD_GT3_3 24250	51.30 1.71 0.00	43.77 1.38 0.00	36.42 1.01 0.00	37.06 0.94 0.00	38.60 0.93 0.00	48.30 1.41 0.00	47.33 1.62 0.00	43.22 1.66 0.00	31.51 1.06 0.00	12.23 0.46 0.00	11.38 0.51 0.00	13.75 0.60 0.00	3.12 0.20 0.00	8.50 0.56 0.00	28.79 1.68 0.00	36.73 2.08 0.00	58.08 2.87 0.00	92.23 4.50 0.00	116.34 5.78 0.00	85.98 4.40 0.00	78.33 3.52 0.00	89.59 3.97 0.00	86.62 3.79 0.00	97.49 3.69 0.00
RAVENSWOOD_GT3_4 24251	51.30 1.71 0.00	43.77 1.38 0.00	36.42 1.01 0.00	37.06 0.94 0.00	38.60 0.93 0.00	48.30 1.41 0.00	47.33 1.62 0.00	43.22 1.66 0.00	31.51 1.06 0.00	12.23 0.46 0.00	11.38 0.51 0.00	13.75 0.60 0.00	3.12 0.20 0.00	8.50 0.56 0.00	28.79 1.68 0.00	36.73 2.08 0.00	58.08 2.87 0.00	92.23 4.50 0.00	116.34 5.78 0.00	85.98 4.40 0.00	78.33 3.52 0.00	89.59 3.97 0.00	86.62 3.79 0.00	97.49 3.69 0.00
RAVENSWOOD_GT_1 23729	53.16 1.77 -1.80	47.15 1.44 -3.31	41.04 1.08 -4.55	41.56 1.01 -4.43	43.01 0.98 -4.37	51.03 1.48 -2.65	49.55 1.65 -2.20	46.29 1.70 -3.02	36.74 1.11 -5.18	20.22 0.49 -7.95	23.38 0.55 -11.96	23.25 0.64 -9.45	14.76 0.21 -11.62	19.05 0.60 -10.52	35.27 1.78 -6.38	42.04 2.21 -5.18	60.41 2.99 -2.20	92.37 4.65 0.00	117.22 5.98 -0.68	96.13 4.60 -9.95	106.45 3.68 -27.97	125.70 4.19 -35.89	140.69 3.98 -53.89	156.23 3.93 -58.49
RAVENSWOOD_GT_10 24258	51.43 1.63 -0.21	44.07 1.30 -0.38	36.88 0.94 -0.52	37.51 0.89 -0.51	39.05 0.88 -0.50	48.54 1.34 -0.31	47.51 1.54 -0.25	43.51 1.60 -0.35	32.06 1.01 -0.60	13.13 0.44 -0.92	12.74 0.48 -1.38	14.81 0.57 -1.09	4.46 0.19 -1.34	9.70 0.54 -1.21	29.47 1.62 -0.74	37.26 2.01 -0.60	58.24 2.77 -0.25	92.07 4.34 0.00	116.14 5.58 0.00	86.97 4.25 -1.15	80.60 3.38 -2.41	93.82 3.84 -4.37	92.28 3.64 -5.82	104.08 3.52 -6.75
RAVENSWOOD_GT_11 24259	51.43 1.63 -0.21	44.07 1.30 -0.38	36.88 0.94 -0.52	37.51 0.89 -0.51	39.05 0.88 -0.50	48.54 1.34 -0.31	47.51 1.54 -0.25	43.51 1.60 -0.35	32.06 1.01 -0.60	13.13 0.44 -0.92	12.74 0.48 -1.38	14.81 0.57 -1.09	4.46 0.19 -1.34	9.70 0.54 -1.21	29.47 1.62 -0.74	37.26 2.01 -0.60	58.24 2.77 -0.25	92.07 4.34 0.00	116.14 5.58 0.00	86.97 4.25 -1.15	80.60 3.38 -2.41	93.82 3.84 -4.37	92.28 3.64 -5.82	104.08 3.52 -6.75
RAVENSWOOD_GT_4 24252	52.57 1.61 -1.37	46.21 1.30 -2.52	39.81 0.93 -3.47	40.36 0.87 -3.38	41.85 0.85 -3.32	50.24 1.32 -2.02	48.91 1.53 -1.67	45.45 1.58 -2.30	35.39 1.00 -3.94	18.25 0.43 -6.05	20.45 0.47 -9.10	20.91 0.56 -7.19	11.95 0.19 -8.84	16.48 0.54 -8.00	33.56 1.60 -4.85	40.58 1.99 -3.94	59.63 2.74 -1.68	92.03 4.30 0.00	116.10 5.54 0.00	93.37 4.22 -7.58	99.44 3.34 -21.30	116.30 3.75 -26.94	127.46 3.61 -41.04	141.80 3.45 -44.54
RAVENSWOOD_GT_5 24254	52.57 1.61 -1.37	46.21 1.30 -2.52	39.81 0.93 -3.47	40.36 0.87 -3.38	41.85 0.85 -3.32	50.24 1.32 -2.02	48.91 1.53 -1.67	45.45 1.58 -2.30	35.39 1.00 -3.94	18.25 0.43 -6.05	20.45 0.47 -9.10	20.91 0.56 -7.19	11.95 0.19 -8.84	16.48 0.54 -8.00	33.56 1.60 -4.85	40.58 1.99 -3.94	59.63 2.74 -1.68	92.03 4.30 0.00	116.10 5.54 0.00	93.37 4.22 -7.58	99.44 3.34 -21.30	116.30 3.75 -26.94	127.46 3.61 -41.04	141.80 3.45 -44.54
RAVENSWOOD_GT_6 24253	52.57 1.61 -1.37	46.21 1.30 -2.52	39.81 0.93 -3.47	40.36 0.87 -3.38	41.85 0.85 -3.32	50.24 1.32 -2.02	48.91 1.53 -1.67	45.45 1.58 -2.30	35.39 1.00 -3.94	18.25 0.43 -6.05	20.45 0.47 -9.10	20.91 0.56 -7.19	11.95 0.19 -8.84	16.48 0.54 -8.00	33.56 1.60 -4.85	40.58 1.99 -3.94	59.63 2.74 -1.68	92.03 4.30 0.00	116.10 5.54 0.00	93.37 4.22 -7.58	99.44 3.34 -21.30	116.30 3.75 -26.94	127.46 3.61 -41.04	141.80 3.45 -44.54
RAVENSWOOD_GT_7 24255	52.57 1.61 -1.37	46.21 1.30 -2.52	39.81 0.93 -3.47	40.36 0.87 -3.38	41.85 0.85 -3.32	50.24 1.32 -2.02	48.91 1.53 -1.67	45.45 1.58 -2.30	35.39 1.00 -3.94	18.25 0.43 -6.05	20.45 0.47 -9.10	20.91 0.56 -7.19	11.95 0.19 -8.84	16.48 0.54 -8.00	33.56 1.60 -4.85	40.58 1.99 -3.94	59.63 2.74 -1.68	92.03 4.30 0.00	116.10 5.54 0.00	93.37 4.22 -7.58	99.44 3.34 -21.30	116.30 3.75 -26.94	127.46 3.61 -41.04	141.80 3.45 -44.54
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	51.43 1.63 -0.21	44.07 1.30 -0.38	36.88 0.94 -0.52	37.51 0.89 -0.51	39.05 0.88 -0.50	48.54 1.34 -0.31	47.51 1.54 -0.25	43.51 1.60 -0.35	32.06 1.01 -0.60	13.13 0.44 -0.92	12.74 0.48 -1.38	14.81 0.57 -1.09	4.46 0.19 -1.34	9.70 0.54 -1.21	29.47 1.62 -0.74	37.26 2.01 -0.60	58.24 2.77 -0.25	92.07 4.34 0.00	116.14 5.58 0.00	86.97 4.25 -1.15	80.60 3.38 -2.41	93.82 3.84 -4.37	92.28 3.64 -5.82	104.08 3.52 -6.75

RAVENSWOOD_GT_9 24257	51.43 1.63 -0.21	44.07 1.30 -0.38	36.88 0.94 -0.52	37.51 0.89 -0.51	39.05 0.88 -0.50	48.54 1.34 -0.31	47.51 1.54 -0.25	43.51 1.60 -0.35	32.06 1.01 -0.60	13.13 0.44 -0.92	12.74 0.48 -1.38	14.81 0.57 -1.09	4.46 0.19 -1.34	9.70 0.54 -1.21	29.47 1.62 -0.74	37.26 2.01 -0.60	58.24 2.77 -0.25	92.07 4.34 0.00	116.14 5.58 0.00	86.97 4.25 -1.15	80.60 3.38 -2.41	93.82 3.84 -4.37	92.28 3.64 -5.82	104.08 3.52 -6.75
RAVENSWOOD___1 23533	49.54 1.72 1.77	40.54 1.41 3.26	31.99 1.06 4.48	32.75 1.00 4.37	34.34 0.97 4.30	45.72 1.45 2.62	45.15 1.61 2.16	40.24 1.65 2.98	26.44 1.09 5.10	4.44 0.49 7.82	0.52 0.54 10.90	4.48 0.63 9.30	-8.29 0.21 11.43	-1.81 0.59 10.34	22.60 1.77 6.27	31.72 2.18 5.10	55.96 2.91 2.17	92.29 4.56 0.00	116.43 5.87 0.00	76.28 4.51 9.80	50.86 3.61 27.55	54.41 4.10 35.30	33.64 3.90 53.07	40.03 3.82 57.60
RAVENSWOOD___2 23534	49.54 1.72 1.77	40.54 1.41 3.26	31.99 1.06 4.48	32.75 1.00 4.37	34.34 0.97 4.30	45.72 1.45 2.62	45.15 1.61 2.16	40.24 1.65 2.98	26.44 1.09 5.10	4.44 0.49 7.82	0.52 0.54 10.90	4.48 0.63 9.30	-8.29 0.21 11.43	-1.81 0.59 10.34	22.60 1.77 6.27	31.72 2.18 5.10	55.96 2.91 2.17	92.29 4.56 0.00	116.43 5.87 0.00	76.28 4.51 9.80	50.86 3.61 27.55	54.41 4.10 35.30	33.64 3.90 53.07	40.03 3.82 57.60
RAVENSWOOD___3 23535	51.22 1.63 0.00	43.70 1.31 0.00	36.36 0.95 0.00	37.00 0.89 0.00	38.54 0.88 0.00	48.24 1.35 0.00	47.26 1.55 0.00	43.17 1.60 0.00	31.47 1.02 0.00	12.21 0.44 0.00	11.36 0.49 0.00	13.73 0.57 0.00	3.12 0.19 0.00	8.49 0.55 0.00	28.75 1.63 0.00	36.67 2.02 0.00	57.99 2.77 0.00	92.08 4.35 0.00	116.16 5.60 0.00	85.83 4.26 0.00	78.21 3.41 0.00	89.44 3.82 0.00	86.49 3.67 0.00	97.33 3.53 0.00
RAVENSWOOD___4 23820	49.54 1.72 1.77	40.54 1.41 3.26	31.99 1.06 4.48	32.75 1.00 4.37	34.34 0.97 4.30	45.72 1.45 2.62	45.15 1.61 2.16	40.24 1.65 2.98	26.44 1.09 5.10	4.44 0.49 7.82	0.52 0.54 10.90	4.48 0.63 9.30	-8.29 0.21 11.43	-1.81 0.59 10.34	22.60 1.77 6.27	31.72 2.18 5.10	55.96 2.91 2.17	92.29 4.56 0.00	116.43 5.87 0.00	76.28 4.51 9.80	50.86 3.61 27.55	54.41 4.10 35.30	33.64 3.90 53.07	40.03 3.82 57.60
RCPI_TRUST___DRP 24196	51.18 1.59 0.00	43.66 1.27 0.00	36.31 0.90 0.00	36.97 0.85 0.00	38.51 0.84 0.00	48.18 1.29 0.00	47.23 1.52 0.00	43.14 1.57 0.00	31.45 1.00 0.00	12.20 0.43 0.00	11.35 0.48 0.00	13.72 0.57 0.00	3.12 0.19 0.00	8.48 0.54 0.00	28.72 1.61 0.00	36.64 1.99 0.00	57.94 2.72 0.00	92.00 4.27 0.00	116.05 5.49 0.00	85.75 4.18 0.00	78.12 3.32 0.00	89.34 3.73 0.00	86.41 3.59 0.00	97.24 3.43 0.00
RED___ROCHESTER 323720	47.84 -1.75 0.00	40.93 -1.47 0.00	34.03 -1.38 0.00	34.86 -1.25 0.00	36.39 -1.28 0.00	45.19 -1.71 0.00	43.57 -2.14 0.00	39.80 -1.77 0.00	29.30 -1.15 0.00	11.42 -0.35 0.00	10.61 -0.27 0.00	12.85 -0.30 0.00	2.92 -0.01 0.00	7.90 -0.04 0.00	26.74 -0.37 0.00	33.97 -0.68 0.00	53.84 -1.37 0.00	85.45 -2.28 0.00	107.26 -3.30 0.00	79.21 -2.36 0.00	72.26 -2.55 0.00	82.51 -3.11 0.00	80.24 -2.58 0.00	91.53 -2.28 0.00
REGAN___SOLAR 323812	52.69 3.10 0.00	45.12 2.73 0.00	37.69 2.28 0.00	38.44 2.33 0.00	40.11 2.44 0.00	49.98 3.08 0.00	48.69 2.98 0.00	43.87 2.30 0.00	31.18 0.73 0.00	11.86 0.09 0.00	10.92 0.04 0.00	13.13 -0.03 0.00	2.98 0.05 0.00	7.97 0.03 0.00	27.27 0.16 0.00	35.12 0.47 0.00	57.80 2.58 0.00	94.40 6.68 0.00	119.51 8.95 0.00	88.28 6.70 0.00	80.60 5.80 0.00	92.15 6.54 0.00	88.98 6.16 0.00	100.57 6.76 0.00
RENSSELAER___COGEN 23796	50.57 0.98 0.00	43.16 0.77 0.00	36.03 0.62 0.00	36.70 0.59 0.00	38.23 0.56 0.00	47.67 0.78 0.00	46.59 0.88 0.00	42.27 0.70 0.00	30.85 0.40 0.00	11.89 0.11 0.00	10.98 0.10 0.00	13.25 0.10 0.00	2.98 0.05 0.00	8.11 0.16 0.00	27.62 0.51 0.00	35.29 0.64 0.00	56.31 1.09 0.00	89.58 1.85 0.00	113.21 2.65 0.00	83.59 2.01 0.00	76.55 1.75 0.00	87.75 2.14 0.00	84.93 2.11 0.00	96.18 2.37 0.00
REPUBLIC_115KV_BARTNBRK 55605	57.08 7.49 0.00	48.21 5.82 0.00	40.19 4.78 0.00	40.88 4.77 0.00	42.63 4.97 0.00	53.38 6.49 0.00	52.47 6.76 0.00	47.22 5.65 0.00	33.95 3.49 0.00	12.99 1.21 0.00	11.92 1.04 0.00	14.45 1.30 0.00	3.24 0.31 0.00	8.92 0.98 0.00	30.63 3.52 0.00	39.05 4.41 0.00	63.69 8.48 0.00	103.93 16.20 0.00	132.27 21.71 0.00	97.61 16.03 0.00	88.84 14.03 0.00	101.15 15.53 0.00	97.21 14.39 0.00	109.02 15.21 0.00
REVERE_CPPR_DRP 24186	51.27 1.68 0.00	43.84 1.45 0.00	36.61 1.20 0.00	37.40 1.29 0.00	39.06 1.39 0.00	48.67 1.78 0.00	47.59 1.88 0.00	43.34 1.78 0.00	31.63 1.17 0.00	12.17 0.39 0.00	11.24 0.37 0.00	13.56 0.41 0.00	3.02 0.09 0.00	8.19 0.25 0.00	27.87 0.76 0.00	35.75 1.10 0.00	57.51 2.29 0.00	92.34 4.61 0.00	116.67 6.11 0.00	85.95 4.38 0.00	78.27 3.47 0.00	89.61 3.99 0.00	86.57 3.75 0.00	97.76 3.95 0.00
REYNOLDS_115KV_TB3 80639	50.75 1.16 0.00	43.28 0.89 0.00	36.16 0.75 0.00	36.81 0.70 0.00	38.36 0.69 0.00	47.86 0.96 0.00	46.86 1.15 0.00	42.56 0.99 0.00	31.05 0.60 0.00	11.96 0.19 0.00	11.04 0.17 0.00	13.34 0.18 0.00	3.00 0.07 0.00	8.17 0.23 0.00	27.86 0.75 0.00	35.55 0.91 0.00	56.76 1.54 0.00	90.37 2.64 0.00	114.14 3.58 0.00	84.30 2.73 0.00	77.16 2.36 0.00	88.39 2.78 0.00	85.47 2.65 0.00	96.53 2.72 0.00
RIVERBAY____ 323610	51.61 2.01 0.00	44.03 1.64 0.00	36.66 1.25 0.00	37.39 1.28 0.00	38.95 1.28 0.00	48.80 1.91 0.00	47.73 2.02 0.00	43.60 2.03 0.00	31.80 1.35 0.00	12.35 0.57 -0.01	11.45 0.57 -0.01	13.82 0.67 0.00	3.15 0.21 -0.01	8.54 0.59 -0.01	28.92 1.80 -0.01	36.91 2.26 0.00	58.23 3.02 0.00	92.81 5.08 0.00	117.27 6.71 0.00	86.72 5.15 0.00	79.00 4.19 0.00	90.27 4.66 0.00	87.27 4.46 0.00	98.19 4.38 0.00
RIVERSDE_115KV_TB3 55908	50.72 1.13 0.00	43.27 0.88 0.00	36.14 0.73 0.00	36.80 0.69 0.00	38.34 0.68 0.00	47.84 0.95 0.00	46.81 1.11 0.00	42.48 0.92 0.00	31.02 0.56 0.00	11.95 0.18 0.00	11.03 0.16 0.00	13.32 0.17 0.00	3.00 0.07 0.00	8.16 0.21 0.00	27.80 0.69 0.00	35.51 0.86 0.00	56.68 1.46 0.00	90.18 2.46 0.00	113.91 3.35 0.00	84.13 2.56 0.00	77.05 2.24 0.00	88.27 2.65 0.00	85.36 2.54 0.00	96.49 2.68 0.00
ROARING___BROOK_WT_PWR 323790	49.56 -0.03 0.00	42.47 0.08 0.00	35.53 0.12 0.00	36.26 0.15 0.00	37.89 0.23 0.00	47.13 0.23 0.00	45.87 0.17 0.00	41.65 0.09 0.00	30.56 0.10 0.00	11.80 0.03 0.00	10.89 0.01 0.00	13.18 0.02 0.00	2.89 -0.04 0.00	7.82 -0.13 0.00	26.74 -0.37 0.00	34.18 -0.46 0.00	54.61 -0.61 0.00	87.10 -0.63 0.00	110.18 -0.37 0.00	81.02 -0.56 0.00	74.06 -0.74 0.00	84.88 -0.74 0.00	82.11 -0.71 0.00	93.34 -0.47 0.00

ROCHESRG_115KV_T4 355643	47.26 -2.34 0.00	40.46 -1.94 0.00	33.64 -1.77 0.00	34.47 -1.65 0.00	35.97 -1.70 0.00	44.67 -2.22 0.00	43.07 -2.64 0.00	39.33 -2.24 0.00	28.95 -1.50 0.00	11.28 -0.49 0.00	10.48 -0.40 0.00	12.70 -0.45 0.00	2.88 -0.04 0.00	7.81 -0.13 0.00	26.42 -0.69 0.00	33.54 -1.11 0.00	53.11 -2.10 0.00	84.22 -3.51 0.00	105.70 -4.86 0.00	78.04 -3.53 0.00	71.23 -3.58 0.00	81.36 -4.25 0.00	79.21 -3.61 0.00	90.40 -3.41 0.00
ROCHESTER_9_IC 23652	47.55 -2.04 0.00	40.70 -1.69 0.00	33.84 -1.57 0.00	34.67 -1.44 0.00	36.19 -1.48 0.00	44.93 -1.96 0.00	43.32 -2.39 0.00	39.57 -2.00 0.00	29.13 -1.32 0.00	11.35 -0.42 0.00	10.54 -0.33 0.00	12.77 -0.38 0.00	2.90 -0.03 0.00	7.86 -0.09 0.00	26.59 -0.52 0.00	33.76 -0.89 0.00	53.48 -1.73 0.00	84.85 -2.88 0.00	106.48 -4.08 0.00	78.62 -2.95 0.00	71.74 -3.06 0.00	81.93 -3.69 0.00	79.72 -3.09 0.00	90.98 -2.83 0.00
ROCKVIEW_13_KV_LD 356306	51.40 1.81 0.00	43.83 1.44 0.00	36.48 1.07 0.00	37.13 1.02 0.00	38.67 1.01 0.00	48.40 1.51 0.00	47.41 1.71 0.00	43.26 1.69 0.00	31.53 1.08 0.00	12.22 0.44 0.00	11.34 0.47 0.00	13.71 0.56 0.00	3.11 0.19 0.00	8.48 0.53 0.00	28.72 1.60 0.00	36.66 2.02 0.00	58.03 2.81 0.00	92.21 4.48 0.00	116.36 5.80 0.00	85.97 4.39 0.00	78.35 3.55 0.00	89.62 4.00 0.00	86.60 3.78 0.00	97.51 3.70 0.00
ROME____115KV_TB2 80656	51.27 1.68 0.00	43.84 1.45 0.00	36.61 1.20 0.00	37.40 1.29 0.00	39.06 1.39 0.00	48.67 1.78 0.00	47.59 1.88 0.00	43.34 1.78 0.00	31.63 1.17 0.00	12.17 0.39 0.00	11.24 0.37 0.00	13.56 0.41 0.00	3.02 0.09 0.00	8.19 0.25 0.00	27.87 0.76 0.00	35.75 1.10 0.00	57.51 2.29 0.00	92.34 4.61 0.00	116.67 6.11 0.00	85.95 4.38 0.00	78.27 3.47 0.00	89.61 3.99 0.00	86.57 3.75 0.00	97.76 3.95 0.00
ROSETON___1 23587	50.86 1.27 0.00	43.40 1.01 0.00	36.15 0.74 0.00	36.80 0.69 0.00	38.35 0.68 0.00	47.96 1.07 0.00	46.97 1.26 0.00	42.81 1.24 0.00	31.21 0.75 0.00	12.07 0.29 0.00	11.18 0.30 0.00	13.49 0.34 0.00	3.05 0.13 0.00	8.32 0.37 0.00	28.21 1.10 0.00	36.00 1.35 0.00	57.12 1.90 0.00	90.99 3.26 0.00	114.90 4.35 0.00	84.85 3.28 0.00	77.39 2.58 0.00	88.57 2.96 0.00	85.65 2.83 0.00	96.45 2.64 0.00
ROSETON___2 23588	50.86 1.27 0.00	43.40 1.01 0.00	36.15 0.74 0.00	36.80 0.69 0.00	38.35 0.68 0.00	47.96 1.07 0.00	46.97 1.26 0.00	42.81 1.24 0.00	31.21 0.75 0.00	12.07 0.29 0.00	11.18 0.30 0.00	13.49 0.34 0.00	3.05 0.13 0.00	8.32 0.37 0.00	28.21 1.10 0.00	36.00 1.35 0.00	57.12 1.90 0.00	90.99 3.26 0.00	114.90 4.35 0.00	84.85 3.28 0.00	77.39 2.58 0.00	88.57 2.96 0.00	85.65 2.83 0.00	96.45 2.64 0.00
ROTRRDAM_115KV_TB3 80664	50.75 1.15 0.00	43.33 0.94 0.00	36.17 0.76 0.00	36.85 0.74 0.00	38.42 0.76 0.00	47.93 1.03 0.00	46.83 1.12 0.00	42.54 0.97 0.00	30.98 0.53 0.00	11.94 0.17 0.00	11.02 0.15 0.00	13.31 0.16 0.00	2.99 0.06 0.00	8.13 0.18 0.00	27.67 0.56 0.00	35.37 0.72 0.00	56.58 1.37 0.00	90.31 2.59 0.00	114.03 3.47 0.00	84.18 2.61 0.00	76.99 2.19 0.00	88.16 2.55 0.00	85.27 2.45 0.00	96.28 2.47 0.00
RUSSELL___1 23602	47.84 -1.75 0.00	40.93 -1.46 0.00	34.03 -1.38 0.00	34.87 -1.25 0.00	36.39 -1.28 0.00	45.19 -1.70 0.00	43.58 -2.13 0.00	39.81 -1.76 0.00	29.31 -1.14 0.00	11.42 -0.35 0.00	10.61 -0.27 0.00	12.86 -0.30 0.00	2.92 -0.01 0.00	7.90 -0.04 0.00	26.76 -0.36 0.00	33.98 -0.67 0.00	53.85 -1.36 0.00	85.45 -2.27 0.00	107.26 -3.30 0.00	79.20 -2.37 0.00	72.26 -2.54 0.00	82.51 -3.11 0.00	80.25 -2.57 0.00	91.53 -2.28 0.00
RUSSELL___2 23532	47.84 -1.75 0.00	40.93 -1.46 0.00	34.03 -1.38 0.00	34.87 -1.25 0.00	36.39 -1.28 0.00	45.19 -1.70 0.00	43.58 -2.13 0.00	39.81 -1.76 0.00	29.31 -1.14 0.00	11.42 -0.35 0.00	10.61 -0.27 0.00	12.86 -0.30 0.00	2.92 -0.01 0.00	7.90 -0.04 0.00	26.76 -0.36 0.00	33.98 -0.67 0.00	53.85 -1.36 0.00	85.45 -2.27 0.00	107.26 -3.30 0.00	79.20 -2.37 0.00	72.26 -2.54 0.00	82.51 -3.11 0.00	80.25 -2.57 0.00	91.53 -2.28 0.00
RUSSELL___3 23549	47.84 -1.75 0.00	40.93 -1.46 0.00	34.03 -1.38 0.00	34.87 -1.25 0.00	36.39 -1.28 0.00	45.19 -1.70 0.00	43.58 -2.13 0.00	39.81 -1.76 0.00	29.31 -1.14 0.00	11.42 -0.35 0.00	10.61 -0.27 0.00	12.86 -0.30 0.00	2.92 -0.01 0.00	7.90 -0.04 0.00	26.76 -0.36 0.00	33.98 -0.67 0.00	53.85 -1.36 0.00	85.45 -2.27 0.00	107.26 -3.30 0.00	79.20 -2.37 0.00	72.26 -2.54 0.00	82.51 -3.11 0.00	80.25 -2.57 0.00	91.53 -2.28 0.00
RUSSELL___4 23556	47.84 -1.75 0.00	40.93 -1.46 0.00	34.03 -1.38 0.00	34.87 -1.25 0.00	36.39 -1.28 0.00	45.19 -1.70 0.00	43.58 -2.13 0.00	39.81 -1.76 0.00	29.31 -1.14 0.00	11.42 -0.35 0.00	10.61 -0.27 0.00	12.86 -0.30 0.00	2.92 -0.01 0.00	7.90 -0.04 0.00	26.76 -0.36 0.00	33.98 -0.67 0.00	53.85 -1.36 0.00	85.45 -2.27 0.00	107.26 -3.30 0.00	79.20 -2.37 0.00	72.26 -2.54 0.00	82.51 -3.11 0.00	80.25 -2.57 0.00	91.53 -2.28 0.00
RUSSELL___STATION 23914	47.84 -1.75 0.00	40.93 -1.46 0.00	34.03 -1.38 0.00	34.87 -1.25 0.00	36.39 -1.28 0.00	45.19 -1.70 0.00	43.58 -2.13 0.00	39.81 -1.76 0.00	29.31 -1.14 0.00	11.42 -0.35 0.00	10.61 -0.27 0.00	12.86 -0.30 0.00	2.92 -0.01 0.00	7.90 -0.04 0.00	26.76 -0.36 0.00	33.98 -0.67 0.00	53.85 -1.36 0.00	85.45 -2.27 0.00	107.26 -3.30 0.00	79.20 -2.37 0.00	72.26 -2.54 0.00	82.51 -3.11 0.00	80.25 -2.57 0.00	91.53 -2.28 0.00
S SALMON___HYD 24043	49.77 0.18 0.00	42.64 0.25 0.00	35.68 0.27 0.00	36.43 0.32 0.00	38.02 0.36 0.00	47.20 0.31 0.00	46.02 0.32 0.00	41.93 0.37 0.00	30.54 0.08 0.00	11.75 -0.02 0.00	10.85 -0.02 0.00	13.11 -0.05 0.00	2.92 0.00 0.00	7.92 -0.03 0.00	26.93 -0.18 0.00	34.28 -0.37 0.00	55.09 -0.13 0.00	89.20 1.47 0.00	113.11 2.56 0.00	83.18 1.61 0.00	75.59 0.79 0.00	86.62 1.01 0.00	83.66 0.85 0.00	94.74 0.93 0.00
S.PERRY___115KV_TB1 80734	48.75 -0.85 0.00	41.80 -0.59 0.00	34.62 -0.79 0.00	35.47 -0.64 0.00	37.05 -0.62 0.00	46.17 -0.72 0.00	44.66 -1.04 0.00	40.94 -0.63 0.00	29.87 -0.58 0.00	11.54 -0.24 0.00	10.65 -0.22 0.00	12.87 -0.29 0.00	2.93 0.00 0.00	7.95 0.01 0.00	26.85 -0.26 0.00	34.38 -0.27 0.00	54.84 -0.38 0.00	87.62 -0.11 0.00	110.33 -0.23 0.00	81.69 0.11 0.00	74.35 -0.45 0.00	84.86 -0.76 0.00	82.59 -0.23 0.00	94.53 0.73 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	46.35 -3.24 0.00	39.72 -2.68 0.00	32.82 -2.58 0.00	33.77 -2.34 0.00	35.28 -2.39 0.00	43.78 -3.11 0.00	41.83 -3.87 0.00	38.25 -3.32 0.00	28.17 -2.28 0.00	11.05 -0.72 0.00	10.30 -0.57 0.00	12.51 -0.64 0.00	2.88 -0.05 0.00	7.77 -0.17 0.00	26.08 -1.03 0.00	32.94 -1.70 0.00	51.99 -3.22 0.00	82.15 -5.58 0.00	102.63 -7.92 0.00	75.92 -5.66 0.00	69.23 -5.57 0.00	79.15 -6.47 0.00	77.61 -5.21 0.00	89.35 -4.45 0.00

SAWYER___23_KV_LOAD 55526	46.35 -3.24 0.00	39.72 -2.68 0.00	32.82 -2.58 0.00	33.77 -2.34 0.00	35.28 -2.39 0.00	43.78 -3.11 0.00	41.83 -3.87 0.00	38.25 -3.32 0.00	28.17 -2.28 0.00	11.05 -0.72 0.00	10.30 -0.57 0.00	12.51 -0.64 0.00	2.88 -0.05 0.00	7.77 -0.17 0.00	26.08 -1.03 0.00	32.94 -1.70 0.00	51.99 -3.22 0.00	82.15 -5.58 0.00	102.63 -7.92 0.00	75.92 -5.66 0.00	69.23 -5.57 0.00	79.15 -6.47 0.00	77.61 -5.21 0.00	89.35 -4.45 0.00
SELKIRK___I 23801	50.85 1.26 0.00	43.41 1.02 0.00	36.24 0.83 0.00	36.91 0.80 0.00	38.47 0.80 0.00	47.95 1.06 0.00	46.86 1.15 0.00	42.46 0.89 0.00	30.87 0.42 0.00	11.87 0.10 0.00	10.97 0.09 0.00	13.24 0.09 0.00	2.98 0.05 0.00	8.10 0.16 0.00	27.59 0.48 0.00	35.28 0.63 0.00	56.53 1.31 0.00	90.12 2.39 0.00	113.78 3.22 0.00	84.03 2.45 0.00	76.92 2.12 0.00	88.14 2.53 0.00	85.35 2.53 0.00	96.54 2.73 0.00
SELKIRK___II 23799	50.56 0.97 0.00	43.16 0.77 0.00	36.02 0.61 0.00	36.69 0.58 0.00	38.25 0.57 0.00	47.68 0.79 0.00	46.61 0.91 0.00	42.33 0.76 0.00	30.88 0.43 0.00	11.91 0.13 0.00	11.00 0.12 0.00	13.28 0.12 0.00	2.99 0.06 0.00	8.13 0.18 0.00	27.66 0.55 0.00	35.33 0.68 0.00	56.35 1.13 0.00	89.68 1.95 0.00	113.23 2.68 0.00	83.64 2.06 0.00	76.55 1.75 0.00	87.72 2.10 0.00	84.92 2.10 0.00	96.03 2.22 0.00
SENECA OSWGO___HYD 24041	49.29 -0.31 0.00	42.14 -0.25 0.00	35.23 -0.18 0.00	35.97 -0.14 0.00	37.51 -0.16 0.00	46.63 -0.26 0.00	45.46 -0.25 0.00	41.45 -0.11 0.00	30.40 -0.06 0.00	11.75 -0.03 0.00	10.87 -0.01 0.00	13.13 -0.02 0.00	2.95 0.02 0.00	8.00 0.06 0.00	27.18 0.07 0.00	34.67 0.02 0.00	55.32 0.10 0.00	88.38 0.66 0.00	111.58 1.02 0.00	82.23 0.65 0.00	74.98 0.18 0.00	85.71 0.10 0.00	82.86 0.04 0.00	93.82 0.01 0.00
SENECA___115KV_TB3 355854	47.10 -2.50 0.00	40.36 -2.03 0.00	33.35 -2.06 0.00	34.30 -1.81 0.00	35.84 -1.83 0.00	44.55 -2.35 0.00	42.62 -3.09 0.00	38.96 -2.60 0.00	28.65 -1.80 0.00	11.22 -0.55 0.00	10.46 -0.41 0.00	12.70 -0.45 0.00	2.92 -0.01 0.00	7.89 -0.06 0.00	26.45 -0.66 0.00	33.45 -1.20 0.00	52.89 -2.33 0.00	83.58 -4.15 0.00	104.50 -6.06 0.00	77.28 -4.30 0.00	70.46 -4.35 0.00	80.60 -5.01 0.00	78.98 -3.84 0.00	90.88 -2.93 0.00
SENECA___ENERGY 23797	48.56 -1.03 0.00	41.54 -0.85 0.00	34.64 -0.76 0.00	35.35 -0.76 0.00	36.91 -0.75 0.00	45.97 -0.93 0.00	44.74 -0.97 0.00	40.83 -0.74 0.00	29.95 -0.51 0.00	11.58 -0.19 0.00	10.71 -0.16 0.00	12.95 -0.20 0.00	2.92 0.00 0.00	7.92 -0.03 0.00	26.87 -0.24 0.00	34.30 -0.35 0.00	54.73 -0.48 0.00	86.90 -0.83 0.00	109.14 -1.41 0.00	80.68 -0.90 0.00	73.77 -1.04 0.00	84.26 -1.35 0.00	81.67 -1.15 0.00	92.56 -1.25 0.00
SHOEMAKER___GT 23640	50.72 1.13 0.00	43.31 0.92 0.00	36.10 0.69 0.00	36.76 0.64 0.00	38.30 0.64 0.00	47.87 0.97 0.00	46.86 1.16 0.00	42.70 1.14 0.00	31.09 0.64 0.00	12.01 0.23 0.00	11.11 0.23 0.00	13.41 0.25 0.00	3.03 0.11 0.00	8.25 0.31 0.00	27.97 0.86 0.00	35.69 1.05 0.00	56.76 1.54 0.00	90.58 2.86 0.00	114.40 3.85 0.00	84.48 2.91 0.00	77.08 2.27 0.00	88.23 2.61 0.00	85.36 2.54 0.00	96.16 2.35 0.00
SHOEMAKR_138KV_BK 111 55601	50.68 1.09 0.00	43.28 0.88 0.00	36.06 0.65 0.00	36.72 0.61 0.00	38.26 0.60 0.00	47.82 0.93 0.00	46.82 1.11 0.00	42.67 1.11 0.00	31.08 0.63 0.00	12.01 0.23 0.00	11.12 0.24 0.00	13.42 0.26 0.00	3.04 0.11 0.00	8.26 0.32 0.00	27.99 0.88 0.00	35.72 1.07 0.00	56.76 1.55 0.00	90.53 2.80 0.00	114.33 3.77 0.00	84.42 2.85 0.00	77.02 2.21 0.00	88.14 2.52 0.00	85.27 2.45 0.00	96.08 2.27 0.00
SHOREHAM_IC_1 23715	52.09 2.50 0.00	44.56 2.17 0.00	37.13 1.72 0.00	37.72 1.61 0.00	39.28 1.62 0.00	49.34 2.44 0.00	48.40 2.70 0.00	44.17 2.60 0.00	32.05 1.60 0.00	12.35 0.57 0.00	11.39 0.51 0.00	13.71 0.56 0.00	3.11 0.18 0.00	8.49 0.55 0.00	28.89 1.78 0.00	37.08 2.43 0.00	59.12 3.90 0.00	127.95 7.05 -33.17	118.00 7.44 0.00	86.97 5.40 0.00	79.76 4.96 0.00	91.08 5.47 0.00	87.77 4.95 0.00	98.82 5.01 0.00
SHOREHAM_IC_2 23716	52.09 2.50 0.00	44.56 2.17 0.00	37.13 1.72 0.00	37.72 1.61 0.00	39.28 1.62 0.00	49.34 2.44 0.00	48.40 2.70 0.00	44.17 2.60 0.00	32.05 1.60 0.00	12.35 0.57 0.00	11.39 0.51 0.00	13.71 0.56 0.00	3.11 0.18 0.00	8.49 0.55 0.00	28.89 1.78 0.00	37.08 2.43 0.00	59.12 3.90 0.00	127.95 7.05 -33.17	118.00 7.44 0.00	86.97 5.40 0.00	79.76 4.96 0.00	91.08 5.47 0.00	87.77 4.95 0.00	98.82 5.01 0.00
SISSONVILLE____ 23735	51.53 1.94 0.00	44.16 1.77 0.00	36.85 1.44 0.00	37.67 1.56 0.00	39.41 1.74 0.00	48.79 1.90 0.00	47.05 1.35 0.00	42.61 1.04 0.00	31.18 0.73 0.00	12.05 0.27 0.00	11.13 0.26 0.00	13.53 0.38 0.00	2.92 0.00 0.00	7.88 -0.07 0.00	27.10 -0.01 0.00	34.56 -0.09 0.00	55.43 0.22 0.00	88.42 0.70 0.00	111.31 0.76 0.00	81.77 0.20 0.00	75.34 0.53 0.00	86.52 0.90 0.00	83.92 1.10 0.00	95.81 2.01 0.00
SITHE_IND_GS1 24169	47.52 -2.07 0.00	40.64 -1.75 0.00	34.07 -1.34 0.00	34.74 -1.37 0.00	36.18 -1.49 0.00	44.94 -1.96 0.00	43.77 -1.94 0.00	39.88 -1.69 0.00	29.36 -1.10 0.00	11.36 -0.41 0.00	10.51 -0.37 0.00	12.70 -0.45 0.00	2.85 -0.08 0.00	7.72 -0.22 0.00	26.27 -0.84 0.00	33.47 -1.18 0.00	53.14 -2.08 0.00	84.48 -3.25 0.00	106.48 -4.08 0.00	78.58 -3.00 0.00	71.88 -2.92 0.00	82.23 -3.38 0.00	79.62 -3.20 0.00	90.19 -3.62 0.00
SITHE_IND_GS2 24170	47.52 -2.07 0.00	40.64 -1.75 0.00	34.07 -1.34 0.00	34.74 -1.37 0.00	36.18 -1.49 0.00	44.94 -1.96 0.00	43.77 -1.94 0.00	39.88 -1.69 0.00	29.36 -1.10 0.00	11.36 -0.41 0.00	10.51 -0.37 0.00	12.70 -0.45 0.00	2.85 -0.08 0.00	7.72 -0.22 0.00	26.27 -0.84 0.00	33.47 -1.18 0.00	53.14 -2.08 0.00	84.48 -3.25 0.00	106.48 -4.08 0.00	78.58 -3.00 0.00	71.88 -2.92 0.00	82.23 -3.38 0.00	79.62 -3.20 0.00	90.19 -3.62 0.00
SITHE_IND_GS3 24171	47.52 -2.07 0.00	40.64 -1.75 0.00	34.07 -1.34 0.00	34.74 -1.37 0.00	36.18 -1.49 0.00	44.94 -1.96 0.00	43.77 -1.94 0.00	39.88 -1.69 0.00	29.36 -1.10 0.00	11.36 -0.41 0.00	10.51 -0.37 0.00	12.70 -0.45 0.00	2.85 -0.08 0.00	7.72 -0.22 0.00	26.27 -0.84 0.00	33.47 -1.18 0.00	53.14 -2.08 0.00	84.48 -3.25 0.00	106.48 -4.08 0.00	78.58 -3.00 0.00	71.88 -2.92 0.00	82.23 -3.38 0.00	79.62 -3.20 0.00	90.19 -3.62 0.00
SITHE_IND_GS4 24172	47.52 -2.07 0.00	40.64 -1.75 0.00	34.07 -1.34 0.00	34.74 -1.37 0.00	36.18 -1.49 0.00	44.94 -1.96 0.00	43.77 -1.94 0.00	39.88 -1.69 0.00	29.36 -1.10 0.00	11.36 -0.41 0.00	10.51 -0.37 0.00	12.70 -0.45 0.00	2.85 -0.08 0.00	7.72 -0.22 0.00	26.27 -0.84 0.00	33.47 -1.18 0.00	53.14 -2.08 0.00	84.48 -3.25 0.00	106.48 -4.08 0.00	78.58 -3.00 0.00	71.88 -2.92 0.00	82.23 -3.38 0.00	79.62 -3.20 0.00	90.19 -3.62 0.00

SITHE___BATAVIA 24024	47.84 -1.75 0.00	41.01 -1.38 0.00	33.95 -1.45 0.00	34.85 -1.26 0.00	36.38 -1.28 0.00	45.12 -1.77 0.00	43.15 -2.56 0.00	39.48 -2.08 0.00	29.01 -1.44 0.00	11.34 -0.43 0.00	10.48 -0.39 0.00	12.65 -0.50 0.00	2.90 -0.03 0.00	7.85 -0.10 0.00	26.48 -0.63 0.00	33.63 -1.02 0.00	53.40 -1.81 0.00	84.89 -2.84 0.00	106.35 -4.21 0.00	78.58 -2.99 0.00	71.57 -3.23 0.00	81.63 -3.99 0.00	79.83 -2.99 0.00	91.50 -2.30 0.00
SITHE___INDEPEND 23800	47.52 -2.07 0.00	40.64 -1.75 0.00	34.07 -1.34 0.00	34.74 -1.38 0.00	36.18 -1.49 0.00	44.94 -1.96 0.00	43.77 -1.94 0.00	39.87 -1.69 0.00	29.36 -1.10 0.00	11.36 -0.41 0.00	10.51 -0.37 0.00	12.70 -0.45 0.00	2.85 -0.08 0.00	7.72 -0.22 0.00	26.27 -0.84 0.00	33.47 -1.18 0.00	53.14 -2.08 0.00	84.48 -3.24 0.00	106.48 -4.08 0.00	78.58 -3.00 0.00	71.89 -2.92 0.00	82.24 -3.38 0.00	79.62 -3.20 0.00	90.19 -3.62 0.00
SITHE___MASSENA 23902	51.20 1.61 0.00	43.83 1.44 0.00	36.56 1.16 0.00	37.36 1.25 0.00	39.06 1.40 0.00	48.51 1.62 0.00	46.98 1.27 0.00	42.55 0.98 0.00	31.26 0.81 0.00	12.10 0.33 0.00	11.15 0.28 0.00	13.54 0.38 0.00	2.94 0.01 0.00	7.92 -0.03 0.00	27.22 0.11 0.00	34.77 0.12 0.00	55.68 0.47 0.00	88.45 0.72 0.00	111.20 0.64 0.00	81.77 0.20 0.00	75.44 0.64 0.00	86.38 0.76 0.00	83.47 0.65 0.00	95.13 1.33 0.00
SITHE___OGDNSBRG 24021	52.49 2.89 0.00	44.93 2.54 0.00	37.46 2.05 0.00	38.31 2.20 0.00	40.07 2.40 0.00	49.71 2.81 0.00	48.05 2.34 0.00	43.44 1.87 0.00	31.66 1.20 0.00	12.20 0.42 0.00	11.22 0.35 0.00	13.63 0.47 0.00	2.94 0.01 0.00	7.92 -0.02 0.00	27.27 0.16 0.00	34.83 0.18 0.00	56.01 0.80 0.00	89.98 2.25 0.00	113.72 3.17 0.00	83.62 2.04 0.00	77.14 2.34 0.00	88.31 2.69 0.00	85.32 2.51 0.00	97.30 3.49 0.00
SITHE___STERLING 23777	50.59 1.00 0.00	43.24 0.85 0.00	36.11 0.70 0.00	36.90 0.79 0.00	38.54 0.87 0.00	48.02 1.13 0.00	46.94 1.23 0.00	42.80 1.23 0.00	31.27 0.82 0.00	12.03 0.26 0.00	11.11 0.24 0.00	13.40 0.24 0.00	2.99 0.07 0.00	8.13 0.18 0.00	27.62 0.51 0.00	35.41 0.76 0.00	56.80 1.58 0.00	90.84 3.12 0.00	114.75 4.19 0.00	84.61 3.03 0.00	77.14 2.33 0.00	88.28 2.66 0.00	85.36 2.54 0.00	96.45 2.64 0.00
SLEIGHT__34_KV_TB1 80719	48.04 -1.55 0.00	41.07 -1.32 0.00	34.23 -1.18 0.00	34.99 -1.13 0.00	36.54 -1.12 0.00	45.43 -1.47 0.00	44.03 -1.68 0.00	40.21 -1.36 0.00	29.58 -0.87 0.00	11.48 -0.29 0.00	10.63 -0.24 0.00	12.87 -0.29 0.00	2.91 -0.02 0.00	7.87 -0.08 0.00	26.69 -0.42 0.00	33.96 -0.69 0.00	54.03 -1.18 0.00	85.83 -1.90 0.00	107.93 -2.62 0.00	79.67 -1.91 0.00	72.76 -2.05 0.00	83.08 -2.54 0.00	80.57 -2.26 0.00	91.55 -2.26 0.00
SOUTH CAIRO___GT 23612	52.99 3.40 0.00	45.24 2.85 0.00	37.75 2.34 0.00	38.46 2.35 0.00	40.10 2.43 0.00	50.02 3.12 0.00	48.88 3.18 0.00	44.25 2.69 0.00	32.00 1.54 0.00	12.21 0.43 0.00	11.18 0.30 0.00	13.48 0.32 0.00	3.02 0.10 0.00	8.23 0.29 0.00	28.06 0.95 0.00	35.99 1.34 0.00	58.21 2.99 0.00	94.18 6.45 0.00	119.82 9.26 0.00	88.44 6.86 0.00	80.79 5.99 0.00	92.35 6.73 0.00	89.18 6.36 0.00	101.05 7.24 0.00
SOUTH HAMPTN___IC 23720	51.97 2.38 0.00	44.47 2.08 0.00	37.08 1.68 0.00	37.67 1.56 0.00	39.25 1.59 0.00	49.31 2.42 0.00	48.35 2.65 0.00	44.12 2.56 0.00	32.00 1.55 0.00	12.32 0.55 0.00	11.36 0.48 0.00	13.68 0.53 0.00	3.10 0.18 0.00	8.47 0.53 0.00	28.82 1.71 0.00	37.00 2.35 0.00	59.08 3.86 0.00	127.99 7.10 -33.17	118.15 7.59 0.00	87.07 5.50 0.00	79.77 4.97 0.00	91.07 5.45 0.00	87.73 4.92 0.00	98.82 5.02 0.00
SOUTHDOW_115KV_TB1 355954	49.10 -0.49 0.00	42.10 -0.29 0.00	34.84 -0.57 0.00	35.87 -0.24 0.00	37.57 -0.10 0.00	46.83 -0.07 0.00	45.09 -0.62 0.00	41.24 -0.33 0.00	30.22 -0.23 0.00	11.80 0.03 0.00	11.01 0.13 0.00	13.39 0.23 0.00	3.06 0.13 0.00	8.29 0.35 0.00	27.76 0.65 0.00	35.12 0.47 0.00	55.74 0.52 0.00	88.05 0.32 0.00	110.19 -0.37 0.00	81.57 0.00 0.00	74.29 -0.52 0.00	85.28 -0.34 0.00	83.21 0.39 0.00	95.43 1.62 0.00
SOUTHOLD_69_KV_BK 2 55809	51.37 1.78 0.00	43.98 1.59 0.00	36.73 1.32 0.00	37.27 1.16 0.00	38.89 1.22 0.00	48.85 1.96 0.00	47.91 2.21 0.00	43.71 2.15 0.00	31.68 1.22 0.00	12.18 0.40 0.00	11.22 0.35 0.00	13.54 0.39 0.00	3.07 0.14 0.00	8.37 0.43 0.00	28.50 1.39 0.00	36.60 1.95 0.00	58.64 3.42 0.00	127.43 6.53 -33.17	117.37 6.82 0.00	86.43 4.85 0.00	79.11 4.31 0.00	90.30 4.69 0.00	86.96 4.14 0.00	97.91 4.10 0.00
SOUTHOLD___IC 23719	51.37 1.78 0.00	43.98 1.59 0.00	36.73 1.32 0.00	37.27 1.16 0.00	38.89 1.22 0.00	48.85 1.96 0.00	47.91 2.20 0.00	43.71 2.15 0.00	31.68 1.22 0.00	12.17 0.40 0.00	11.23 0.35 0.00	13.54 0.38 0.00	3.07 0.14 0.00	8.37 0.43 0.00	28.50 1.39 0.00	36.60 1.95 0.00	58.64 3.42 0.00	127.43 6.54 -33.17	117.38 6.83 0.00	86.43 4.85 0.00	79.11 4.31 0.00	90.30 4.69 0.00	86.95 4.14 0.00	97.91 4.10 0.00
SOUTH_FORK_WT_PWR 323839	50.63 1.04 0.00	43.36 0.97 0.00	36.26 0.85 0.00	36.76 0.64 0.00	38.36 0.70 0.00	48.20 1.31 0.00	47.28 1.57 0.00	43.13 1.56 0.00	31.23 0.78 0.00	12.00 0.23 0.00	11.06 0.19 0.00	13.36 0.20 0.00	3.02 0.09 0.00	8.25 0.31 0.00	28.13 1.02 0.00	36.10 1.46 0.00	57.93 2.72 0.00	126.34 5.44 -33.17	115.86 5.31 0.00	85.27 3.70 0.00	78.05 3.25 0.00	89.05 3.44 0.00	85.74 2.92 0.00	96.59 2.78 0.00
SPIERFLS_115KV_TB 1 80737	54.21 4.62 0.00	46.15 3.76 0.00	38.50 3.09 0.00	39.19 3.08 0.00	40.92 3.25 0.00	51.12 4.23 0.00	50.10 4.39 0.00	45.35 3.79 0.00	32.86 2.41 0.00	12.60 0.83 0.00	11.57 0.70 0.00	13.97 0.82 0.00	3.14 0.21 0.00	8.57 0.63 0.00	29.26 2.15 0.00	37.48 2.83 0.00	60.71 5.49 0.00	97.94 10.21 0.00	123.87 13.31 0.00	91.32 9.75 0.00	83.35 8.55 0.00	95.33 9.72 0.00	91.81 8.99 0.00	103.42 9.61 0.00
ST LAWRENCE____ 23600	50.27 0.68 0.00	43.03 0.64 0.00	35.89 0.48 0.00	36.67 0.56 0.00	38.34 0.67 0.00	47.64 0.75 0.00	46.19 0.49 0.00	41.87 0.31 0.00	30.79 0.34 0.00	11.93 0.15 0.00	10.99 0.11 0.00	13.32 0.17 0.00	2.89 -0.03 0.00	7.82 -0.12 0.00	26.88 -0.23 0.00	34.46 -0.19 0.00	55.13 -0.08 0.00	87.43 -0.29 0.00	110.01 -0.55 0.00	80.91 -0.67 0.00	74.66 -0.14 0.00	85.40 -0.21 0.00	82.49 -0.33 0.00	93.94 0.13 0.00
STATE_CA_115KV_115_LB 55624	50.84 1.24 0.00	43.38 0.99 0.00	36.22 0.81 0.00	36.89 0.78 0.00	38.44 0.77 0.00	47.95 1.06 0.00	46.90 1.19 0.00	42.55 0.99 0.00	31.06 0.60 0.00	11.97 0.19 0.00	11.05 0.18 0.00	13.35 0.19 0.00	3.00 0.07 0.00	8.17 0.22 0.00	27.82 0.72 0.00	35.58 0.93 0.00	56.79 1.58 0.00	90.34 2.61 0.00	114.12 3.56 0.00	84.26 2.69 0.00	77.15 2.35 0.00	88.41 2.79 0.00	85.51 2.69 0.00	96.72 2.92 0.00

STATE_ST_34_KV_LOAD 55959	49.32 -0.28 0.00	42.11 -0.28 0.00	35.18 -0.22 0.00	35.81 -0.30 0.00	37.46 -0.20 0.00	46.65 -0.24 0.00	45.45 -0.26 0.00	41.46 -0.11 0.00	30.43 -0.02 0.00	11.75 -0.02 0.00	10.86 -0.02 0.00	13.12 -0.04 0.00	2.95 0.02 0.00	7.98 0.04 0.00	27.16 0.04 0.00	34.55 -0.10 0.00	55.32 0.11 0.00	87.93 0.21 0.00	110.64 0.08 0.00	81.68 0.11 0.00	74.82 0.02 0.00	85.55 -0.06 0.00	82.83 0.02 0.00	93.51 -0.30 0.00
STATION 5_MISC_HYD 23604	47.55 -2.05 0.00	40.70 -1.69 0.00	33.84 -1.57 0.00	34.67 -1.44 0.00	36.19 -1.48 0.00	44.93 -1.97 0.00	43.32 -2.39 0.00	39.56 -2.00 0.00	29.13 -1.32 0.00	11.35 -0.42 0.00	10.54 -0.33 0.00	12.77 -0.38 0.00	2.90 -0.03 0.00	7.86 -0.08 0.00	26.58 -0.53 0.00	33.75 -0.90 0.00	53.48 -1.73 0.00	84.84 -2.89 0.00	106.48 -4.08 0.00	78.62 -2.95 0.00	71.74 -3.07 0.00	81.92 -3.69 0.00	79.72 -3.10 0.00	90.98 -2.83 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	48.85 -0.74 0.00	41.76 -0.63 0.00	34.78 -0.63 0.00	35.57 -0.54 0.00	37.13 -0.54 0.00	46.20 -0.69 0.00	44.84 -0.87 0.00	40.98 -0.59 0.00	30.11 -0.34 0.00	11.68 -0.10 0.00	10.81 -0.07 0.00	13.07 -0.08 0.00	2.95 0.03 0.00	7.99 0.05 0.00	27.11 0.00 0.00	34.56 -0.09 0.00	55.04 -0.18 0.00	87.53 -0.20 0.00	109.93 -0.63 0.00	81.22 -0.35 0.00	74.13 -0.68 0.00	84.65 -0.96 0.00	82.07 -0.75 0.00	93.13 -0.68 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	47.40 -2.20 0.00	40.55 -1.84 0.00	33.75 -1.66 0.00	34.56 -1.55 0.00	36.07 -1.59 0.00	44.79 -2.10 0.00	43.23 -2.48 0.00	39.48 -2.08 0.00	29.07 -1.39 0.00	11.33 -0.45 0.00	10.51 -0.36 0.00	12.74 -0.41 0.00	2.89 -0.04 0.00	7.83 -0.12 0.00	26.49 -0.61 0.00	33.65 -0.99 0.00	53.34 -1.87 0.00	84.63 -3.10 0.00	106.24 -4.32 0.00	78.44 -3.14 0.00	71.58 -3.23 0.00	81.71 -3.90 0.00	79.46 -3.36 0.00	90.63 -3.18 0.00
STA_56___34_KV_BUS2 355983	47.40 -2.20 0.00	40.55 -1.84 0.00	33.75 -1.66 0.00	34.56 -1.55 0.00	36.07 -1.59 0.00	44.79 -2.10 0.00	43.23 -2.48 0.00	39.48 -2.08 0.00	29.07 -1.39 0.00	11.33 -0.45 0.00	10.51 -0.36 0.00	12.74 -0.41 0.00	2.89 -0.04 0.00	7.83 -0.12 0.00	26.49 -0.61 0.00	33.65 -0.99 0.00	53.34 -1.87 0.00	84.63 -3.10 0.00	106.24 -4.32 0.00	78.44 -3.14 0.00	71.58 -3.23 0.00	81.71 -3.90 0.00	79.46 -3.36 0.00	90.63 -3.18 0.00
STA_67___115KV_BK2 355882	47.44 -2.15 0.00	40.60 -1.79 0.00	33.76 -1.65 0.00	34.59 -1.52 0.00	36.11 -1.56 0.00	44.83 -2.07 0.00	43.22 -2.49 0.00	39.47 -2.10 0.00	29.06 -1.40 0.00	11.32 -0.45 0.00	10.52 -0.36 0.00	12.74 -0.41 0.00	2.90 -0.03 0.00	7.84 -0.11 0.00	26.53 -0.58 0.00	33.67 -0.98 0.00	53.33 -1.88 0.00	84.59 -3.14 0.00	106.17 -4.39 0.00	78.39 -3.19 0.00	71.53 -3.27 0.00	81.69 -3.93 0.00	79.52 -3.29 0.00	90.75 -3.06 0.00
STA_7___115KV_9TRANS 80674	47.84 -1.75 0.00	40.93 -1.46 0.00	34.03 -1.38 0.00	34.87 -1.25 0.00	36.39 -1.28 0.00	45.19 -1.70 0.00	43.58 -2.13 0.00	39.81 -1.76 0.00	29.31 -1.14 0.00	11.42 -0.35 0.00	10.61 -0.27 0.00	12.86 -0.30 0.00	2.92 -0.01 0.00	7.90 -0.04 0.00	26.76 -0.36 0.00	33.98 -0.67 0.00	53.85 -1.36 0.00	85.45 -2.27 0.00	107.26 -3.30 0.00	79.20 -2.37 0.00	72.26 -2.54 0.00	82.51 -3.11 0.00	80.25 -2.57 0.00	91.53 -2.28 0.00
STA_82___115KV_TB1 80780	47.44 -2.15 0.00	40.60 -1.79 0.00	33.77 -1.64 0.00	34.59 -1.51 0.00	36.11 -1.56 0.00	44.83 -2.06 0.00	43.22 -2.49 0.00	39.47 -2.09 0.00	29.06 -1.39 0.00	11.33 -0.45 0.00	10.52 -0.36 0.00	12.74 -0.41 0.00	2.89 -0.04 0.00	7.84 -0.11 0.00	26.53 -0.58 0.00	33.67 -0.98 0.00	53.34 -1.87 0.00	84.60 -3.12 0.00	106.18 -4.37 0.00	78.39 -3.18 0.00	71.55 -3.25 0.00	81.70 -3.92 0.00	79.53 -3.29 0.00	90.75 -3.06 0.00
STEEL___WIND 323596	47.05 -2.54 0.00	40.32 -2.07 0.00	33.31 -2.10 0.00	34.27 -1.84 0.00	35.80 -1.87 0.00	44.50 -2.40 0.00	42.57 -3.14 0.00	38.91 -2.66 0.00	28.60 -1.85 0.00	11.21 -0.56 0.00	10.44 -0.43 0.00	12.68 -0.47 0.00	2.91 -0.01 0.00	7.88 -0.07 0.00	26.39 -0.72 0.00	33.38 -1.27 0.00	52.81 -2.40 0.00	83.44 -4.28 0.00	104.32 -6.24 0.00	77.18 -4.39 0.00	70.36 -4.45 0.00	80.48 -5.13 0.00	78.87 -3.95 0.00	90.76 -3.05 0.00
STEPHTWN_115KV_BK_2 55603	51.21 1.61 0.00	43.69 1.30 0.00	36.39 0.98 0.00	37.23 1.12 0.00	38.69 1.03 0.00	48.25 1.36 0.00	47.19 1.48 0.00	42.76 1.20 0.00	31.22 0.76 0.00	12.03 0.25 0.00	11.10 0.22 0.00	13.41 0.25 0.00	3.01 0.08 0.00	8.20 0.26 0.00	27.96 0.85 0.00	35.79 1.15 0.00	57.27 2.06 0.00	91.16 3.44 0.00	115.18 4.62 0.00	84.90 3.32 0.00	77.81 3.01 0.00	89.19 3.58 0.00	86.10 3.28 0.00	97.49 3.68 0.00
STEUBEN_REC_LFGE 323667	46.63 -2.96 0.00	40.36 -2.04 0.00	33.23 -2.18 0.00	33.94 -2.17 0.00	35.47 -2.19 0.00	44.27 -2.63 0.00	43.07 -2.64 0.00	39.67 -1.90 0.00	28.92 -1.53 0.00	11.10 -0.68 0.00	10.28 -0.59 0.00	12.55 -0.61 0.00	2.87 -0.06 0.00	7.76 -0.18 0.00	26.16 -0.95 0.00	33.34 -1.31 0.00	53.28 -1.94 0.00	85.09 -2.64 0.00	107.06 -3.50 0.00	79.24 -2.33 0.00	72.25 -2.55 0.00	82.37 -3.25 0.00	80.50 -2.32 0.00	92.66 -1.15 0.00
STILLWATER___SOLAR 323814	52.62 3.03 0.00	44.83 2.43 0.00	37.40 1.99 0.00	38.09 1.98 0.00	39.75 2.08 0.00	49.63 2.73 0.00	48.61 2.90 0.00	44.05 2.49 0.00	31.95 1.50 0.00	12.26 0.49 0.00	11.29 0.42 0.00	13.61 0.46 0.00	3.07 0.14 0.00	8.34 0.40 0.00	28.46 1.35 0.00	36.46 1.81 0.00	58.78 3.57 0.00	94.47 6.74 0.00	119.36 8.80 0.00	88.03 6.46 0.00	80.44 5.64 0.00	92.00 6.39 0.00	88.76 5.94 0.00	100.10 6.29 0.00
STONY___BROOK 24151	52.08 2.49 0.00	44.54 2.15 0.00	37.10 1.70 0.00	37.70 1.59 0.00	39.25 1.59 0.00	49.29 2.39 0.00	48.34 2.63 0.00	44.12 2.56 0.00	32.06 1.61 0.00	12.36 0.59 0.00	11.41 0.54 0.00	13.74 0.59 0.00	3.12 0.19 0.00	8.52 0.58 0.00	28.95 1.84 0.00	37.13 2.48 0.00	59.08 3.87 0.00	127.81 6.91 -33.17	118.57 8.01 0.00	87.39 5.81 0.00	79.93 5.13 0.00	91.27 5.66 0.00	87.99 5.17 0.00	99.14 5.33 0.00
STURGEON_POOL_HYD 23609	51.25 1.66 0.00	43.72 1.33 0.00	36.42 1.01 0.00	37.08 0.97 0.00	38.65 0.99 0.00	48.35 1.45 0.00	47.37 1.66 0.00	43.20 1.63 0.00	31.48 1.02 0.00	12.16 0.39 0.00	11.25 0.38 0.00	13.58 0.43 0.00	3.08 0.15 0.00	8.37 0.43 0.00	28.38 1.27 0.00	36.24 1.59 0.00	57.56 2.35 0.00	91.79 4.07 0.00	115.98 5.42 0.00	85.67 4.10 0.00	78.12 3.32 0.00	89.36 3.75 0.00	86.42 3.61 0.00	97.20 3.39 0.00
ST_LAW_115_BK7_LBMP 345037	50.37 0.78 0.00	43.12 0.72 0.00	35.97 0.57 0.00	36.75 0.63 0.00	38.43 0.76 0.00	47.74 0.85 0.00	46.29 0.57 0.00	41.91 0.35 0.00	30.84 0.38 0.00	11.95 0.17 0.00	11.00 0.13 0.00	13.35 0.19 0.00	2.89 -0.03 0.00	7.82 -0.13 0.00	26.89 -0.22 0.00	34.47 -0.18 0.00	55.15 -0.06 0.00	87.47 -0.26 0.00	110.00 -0.56 0.00	80.90 -0.67 0.00	74.69 -0.11 0.00	85.41 -0.20 0.00	82.50 -0.32 0.00	93.99 0.18 0.00

ST_LAW_115_BK8_LBMP 345038	50.37 0.78 0.00	43.12 0.72 0.00	35.97 0.57 0.00	36.75 0.63 0.00	38.43 0.76 0.00	47.74 0.85 0.00	46.29 0.57 0.00	41.91 0.35 0.00	30.84 0.38 0.00	11.95 0.17 0.00	11.00 0.13 0.00	13.35 0.19 0.00	2.89 -0.03 0.00	7.82 -0.13 0.00	26.89 -0.22 0.00	34.47 -0.18 0.00	55.15 -0.06 0.00	87.47 -0.26 0.00	110.00 -0.56 0.00	80.90 -0.67 0.00	74.69 -0.11 0.00	85.41 -0.20 0.00	82.50 -0.32 0.00	93.99 0.18 0.00
ST_LAW_230_BK5_LBMP 345035	50.27 0.68 0.00	43.03 0.64 0.00	35.89 0.48 0.00	36.67 0.56 0.00	38.34 0.67 0.00	47.64 0.75 0.00	46.19 0.49 0.00	41.87 0.31 0.00	30.79 0.34 0.00	11.93 0.15 0.00	10.99 0.11 0.00	13.32 0.17 0.00	2.89 -0.03 0.00	7.82 -0.12 0.00	26.88 -0.23 0.00	34.46 -0.19 0.00	55.13 -0.08 0.00	87.43 -0.29 0.00	110.01 -0.55 0.00	80.91 -0.67 0.00	74.66 -0.14 0.00	85.40 -0.21 0.00	82.49 -0.33 0.00	93.94 0.13 0.00
ST_LAW_230_BK6_LBMP 345036	50.27 0.68 0.00	43.03 0.64 0.00	35.89 0.48 0.00	36.67 0.56 0.00	38.34 0.67 0.00	47.64 0.75 0.00	46.19 0.49 0.00	41.87 0.31 0.00	30.79 0.34 0.00	11.93 0.15 0.00	10.99 0.11 0.00	13.32 0.17 0.00	2.89 -0.03 0.00	7.82 -0.12 0.00	26.88 -0.23 0.00	34.46 -0.19 0.00	55.13 -0.08 0.00	87.43 -0.29 0.00	110.01 -0.55 0.00	80.91 -0.67 0.00	74.66 -0.14 0.00	85.40 -0.21 0.00	82.49 -0.33 0.00	93.94 0.13 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	50.80 1.21 0.00	43.36 0.97 0.00	36.12 0.71 0.00	36.76 0.65 0.00	38.30 0.64 0.00	47.91 1.02 0.00	46.93 1.22 0.00	42.80 1.23 0.00	31.18 0.72 0.00	12.06 0.29 0.00	11.17 0.29 0.00	13.48 0.33 0.00	3.06 0.13 0.00	8.32 0.37 0.00	28.18 1.07 0.00	35.94 1.29 0.00	57.02 1.81 0.00	90.88 3.15 0.00	114.73 4.17 0.00	84.69 3.11 0.00	77.21 2.40 0.00	88.37 2.76 0.00	85.45 2.63 0.00	96.21 2.40 0.00
SWANROAD_115KV_TB1 355699	45.50 -4.09 0.00	39.05 -3.34 0.00	32.27 -3.14 0.00	33.18 -2.93 0.00	34.64 -3.03 0.00	42.88 -4.01 0.00	40.69 -5.02 0.00	37.24 -4.33 0.00	27.44 -3.02 0.00	10.79 -0.99 0.00	10.04 -0.83 0.00	12.18 -0.97 0.00	2.81 -0.12 0.00	7.57 -0.37 0.00	25.39 -1.72 0.00	32.01 -2.64 0.00	50.45 -4.76 0.00	79.74 -7.99 0.00	99.54 -11.01 0.00	73.58 -7.99 0.00	67.12 -7.68 0.00	76.65 -8.97 0.00	75.52 -7.30 0.00	87.11 -6.70 0.00
SYNERGY___BIOGAS 323694	47.84 -1.75 0.00	41.01 -1.38 0.00	33.95 -1.45 0.00	34.85 -1.26 0.00	36.38 -1.28 0.00	45.12 -1.77 0.00	43.15 -2.56 0.00	39.48 -2.08 0.00	29.01 -1.44 0.00	11.34 -0.43 0.00	10.48 -0.39 0.00	12.65 -0.50 0.00	2.90 -0.03 0.00	7.85 -0.10 0.00	26.48 -0.63 0.00	33.63 -1.02 0.00	53.40 -1.81 0.00	84.89 -2.84 0.00	106.35 -4.21 0.00	78.58 -2.99 0.00	71.57 -3.23 0.00	81.63 -3.99 0.00	79.83 -2.99 0.00	91.50 -2.30 0.00
SYRACUSE___ENERGY_ST1 323597	49.04 -0.55 0.00	41.91 -0.48 0.00	35.05 -0.36 0.00	35.76 -0.36 0.00	37.29 -0.38 0.00	46.39 -0.51 0.00	45.20 -0.51 0.00	41.21 -0.35 0.00	30.27 -0.19 0.00	11.70 -0.07 0.00	10.82 -0.05 0.00	13.08 -0.08 0.00	2.94 0.01 0.00	7.97 0.03 0.00	27.09 -0.02 0.00	34.54 -0.11 0.00	55.02 -0.19 0.00	87.61 -0.12 0.00	110.42 -0.14 0.00	81.48 -0.10 0.00	74.42 -0.39 0.00	85.13 -0.48 0.00	82.35 -0.47 0.00	93.17 -0.64 0.00
SYRACUSE___ENERGY_ST2 323598	49.04 -0.55 0.00	41.91 -0.48 0.00	35.05 -0.36 0.00	35.76 -0.36 0.00	37.29 -0.38 0.00	46.39 -0.51 0.00	45.20 -0.51 0.00	41.21 -0.35 0.00	30.27 -0.19 0.00	11.70 -0.07 0.00	10.82 -0.05 0.00	13.08 -0.08 0.00	2.94 0.01 0.00	7.97 0.03 0.00	27.09 -0.02 0.00	34.54 -0.11 0.00	55.02 -0.19 0.00	87.61 -0.12 0.00	110.42 -0.14 0.00	81.48 -0.10 0.00	74.42 -0.39 0.00	85.13 -0.48 0.00	82.35 -0.47 0.00	93.17 -0.64 0.00
SYRACUSE___POWER 24017	48.84 -0.75 0.00	41.75 -0.64 0.00	34.91 -0.50 0.00	35.62 -0.49 0.00	37.13 -0.54 0.00	46.20 -0.70 0.00	45.02 -0.69 0.00	41.04 -0.53 0.00	30.12 -0.33 0.00	11.65 -0.12 0.00	10.78 -0.09 0.00	13.03 -0.12 0.00	2.93 0.00 0.00	7.95 0.01 0.00	27.01 -0.10 0.00	34.44 -0.20 0.00	54.83 -0.38 0.00	87.27 -0.45 0.00	110.03 -0.52 0.00	81.19 -0.38 0.00	74.13 -0.67 0.00	84.81 -0.81 0.00	82.06 -0.76 0.00	92.90 -0.90 0.00
TALLMAN___138KV_BK151 55660	50.82 1.23 0.00	43.38 0.99 0.00	36.13 0.72 0.00	36.75 0.64 0.00	38.28 0.62 0.00	47.92 1.03 0.00	46.97 1.26 0.00	42.87 1.30 0.00	31.21 0.75 0.00	12.08 0.30 0.00	11.20 0.32 0.00	13.52 0.37 0.00	3.07 0.14 0.00	8.36 0.42 0.00	28.31 1.20 0.00	36.09 1.44 0.00	57.15 1.94 0.00	91.00 3.27 0.00	114.78 4.22 0.00	84.75 3.18 0.00	77.19 2.39 0.00	88.37 2.76 0.00	85.44 2.63 0.00	96.20 2.39 0.00
TEALLAVE_115KV_TB7 355573	48.50 -1.10 0.00	41.45 -0.94 0.00	34.68 -0.72 0.00	35.39 -0.72 0.00	36.88 -0.79 0.00	45.86 -1.03 0.00	44.69 -1.01 0.00	40.73 -0.83 0.00	29.92 -0.54 0.00	11.58 -0.19 0.00	10.71 -0.16 0.00	12.95 -0.20 0.00	2.91 -0.02 0.00	7.90 -0.04 0.00	26.84 -0.27 0.00	34.22 -0.43 0.00	54.42 -0.80 0.00	86.61 -1.12 0.00	109.18 -1.38 0.00	80.57 -1.00 0.00	73.57 -1.23 0.00	84.16 -1.45 0.00	81.45 -1.37 0.00	92.23 -1.58 0.00
TELGRAPH_34_KV_EAST 80808	46.68 -2.91 0.00	40.01 -2.38 0.00	33.10 -2.30 0.00	34.01 -2.10 0.00	35.48 -2.19 0.00	43.95 -2.94 0.00	41.87 -3.83 0.00	38.32 -3.25 0.00	28.21 -2.24 0.00	11.06 -0.71 0.00	10.28 -0.59 0.00	12.45 -0.71 0.00	2.86 -0.07 0.00	7.72 -0.22 0.00	25.98 -1.14 0.00	32.83 -1.81 0.00	51.90 -3.32 0.00	82.19 -5.53 0.00	102.72 -7.83 0.00	75.92 -5.65 0.00	69.23 -5.58 0.00	79.02 -6.60 0.00	77.56 -5.26 0.00	89.18 -4.63 0.00
TEMPLE___115KV_TB 2 55572	48.50 -1.10 0.00	41.46 -0.93 0.00	34.68 -0.72 0.00	35.39 -0.72 0.00	36.87 -0.79 0.00	45.86 -1.03 0.00	44.69 -1.02 0.00	40.73 -0.84 0.00	29.92 -0.54 0.00	11.58 -0.19 0.00	10.72 -0.16 0.00	12.95 -0.20 0.00	2.91 -0.02 0.00	7.91 -0.03 0.00	26.85 -0.26 0.00	34.23 -0.42 0.00	54.43 -0.79 0.00	86.61 -1.12 0.00	109.16 -1.39 0.00	80.57 -1.00 0.00	73.57 -1.23 0.00	84.16 -1.45 0.00	81.45 -1.37 0.00	92.24 -1.57 0.00
TIANA____69_KV_BK 1 55817	52.10 2.51 0.00	44.58 2.19 0.00	37.16 1.75 0.00	37.76 1.65 0.00	39.34 1.67 0.00	49.41 2.52 0.00	48.46 2.75 0.00	44.21 2.65 0.00	32.07 1.62 0.00	12.35 0.58 0.00	11.39 0.51 0.00	13.72 0.57 0.00	3.11 0.18 0.00	8.49 0.55 0.00	28.89 1.78 0.00	37.09 2.45 0.00	59.19 3.97 0.00	128.14 7.24 -33.17	118.41 7.85 0.00	87.27 5.69 0.00	79.95 5.14 0.00	91.28 5.67 0.00	87.96 5.14 0.00	99.05 5.24 0.00
TILDEN___115KV_TB1 80814	48.84 -0.75 0.00	41.75 -0.64 0.00	34.91 -0.50 0.00	35.62 -0.49 0.00	37.13 -0.54 0.00	46.20 -0.70 0.00	45.02 -0.69 0.00	41.04 -0.53 0.00	30.12 -0.33 0.00	11.65 -0.12 0.00	10.78 -0.09 0.00	13.03 -0.12 0.00	2.93 0.00 0.00	7.95 0.01 0.00	27.01 -0.10 0.00	34.44 -0.20 0.00	54.83 -0.38 0.00	87.27 -0.45 0.00	110.03 -0.52 0.00	81.19 -0.38 0.00	74.13 -0.67 0.00	84.81 -0.81 0.00	82.06 -0.76 0.00	92.90 -0.90 0.00

TRIGEN___CC 323695	51.53 1.94 0.00	44.03 1.64 0.00	36.66 1.25 0.00	37.29 1.18 0.00	38.81 1.15 0.00	48.64 1.75 0.00	47.68 1.98 0.00	43.51 1.94 0.00	31.69 1.24 0.00	12.28 0.51 0.00	11.38 0.50 0.00	13.74 0.59 0.00	3.12 0.19 0.00	8.51 0.56 0.00	28.83 1.72 0.00	36.86 2.21 0.00	58.41 3.19 0.00	126.20 5.30 -33.17	117.15 6.60 0.00	86.39 4.82 0.00	78.84 4.04 0.00	90.14 4.52 0.00	87.05 4.23 0.00	98.05 4.24 0.00
TRINITY___115KV___4 BK 55933	50.67 1.08 0.00	43.24 0.84 0.00	36.11 0.69 0.00	36.77 0.66 0.00	38.32 0.65 0.00	47.80 0.91 0.00	46.77 1.06 0.00	42.43 0.87 0.00	30.97 0.52 0.00	11.94 0.16 0.00	11.02 0.14 0.00	13.30 0.14 0.00	2.99 0.06 0.00	8.14 0.20 0.00	27.74 0.64 0.00	35.45 0.80 0.00	56.59 1.38 0.00	90.02 2.30 0.00	113.72 3.17 0.00	83.99 2.42 0.00	76.92 2.11 0.00	88.14 2.53 0.00	85.25 2.44 0.00	96.42 2.61 0.00
UNION___PROCESSING_DRP 323587	47.44 -2.15 0.00	40.62 -1.77 0.00	33.77 -1.64 0.00	34.60 -1.51 0.00	36.11 -1.55 0.00	44.84 -2.05 0.00	43.24 -2.47 0.00	39.48 -2.08 0.00	29.07 -1.39 0.00	11.33 -0.45 0.00	10.52 -0.35 0.00	12.74 -0.41 0.00	2.90 -0.03 0.00	7.84 -0.11 0.00	26.53 -0.58 0.00	33.68 -0.97 0.00	53.35 -1.87 0.00	84.62 -3.10 0.00	106.20 -4.35 0.00	78.43 -3.15 0.00	71.56 -3.24 0.00	81.71 -3.90 0.00	79.54 -3.27 0.00	90.76 -3.05 0.00
UPPER HUDSON___HYD 24058	54.20 4.61 0.00	46.15 3.76 0.00	38.49 3.08 0.00	39.19 3.08 0.00	40.92 3.25 0.00	51.12 4.23 0.00	50.10 4.39 0.00	45.35 3.78 0.00	32.86 2.41 0.00	12.60 0.82 0.00	11.57 0.70 0.00	13.97 0.82 0.00	3.14 0.21 0.00	8.57 0.63 0.00	29.26 2.15 0.00	37.48 2.83 0.00	60.71 5.49 0.00	97.94 10.21 0.00	123.86 13.31 0.00	91.32 9.74 0.00	83.35 8.55 0.00	95.33 9.71 0.00	91.81 8.99 0.00	103.42 9.61 0.00
UPPER RAQUET___HYD 24056	51.53 1.94 0.00	44.16 1.77 0.00	36.85 1.44 0.00	37.67 1.56 0.00	39.41 1.74 0.00	48.79 1.90 0.00	47.05 1.34 0.00	42.61 1.04 0.00	31.18 0.73 0.00	12.05 0.27 0.00	11.13 0.26 0.00	13.53 0.38 0.00	2.92 0.00 0.00	7.88 -0.07 0.00	27.10 -0.01 0.00	34.56 -0.09 0.00	55.44 0.22 0.00	88.42 0.70 0.00	111.32 0.76 0.00	81.77 0.20 0.00	75.34 0.54 0.00	86.52 0.90 0.00	83.92 1.10 0.00	95.81 2.00 0.00
VALLEY44_115KV_TB2 355964	48.34 -1.25 0.00	41.66 -0.73 0.00	34.48 -0.93 0.00	35.35 -0.76 0.00	36.85 -0.82 0.00	45.75 -1.14 0.00	43.80 -1.91 0.00	39.99 -1.58 0.00	29.22 -1.24 0.00	11.40 -0.37 0.00	10.70 -0.17 0.00	13.07 -0.09 0.00	2.99 0.06 0.00	8.14 0.19 0.00	27.19 0.09 0.00	34.33 -0.32 0.00	54.20 -1.01 0.00	84.96 -2.76 0.00	106.23 -4.32 0.00	78.50 -3.08 0.00	71.51 -3.29 0.00	82.39 -3.22 0.00	80.95 -1.87 0.00	92.99 -0.81 0.00
VALLEY___115KV_TB 1-4 80826	49.50 -0.09 0.00	42.31 -0.08 0.00	35.38 -0.03 0.00	36.03 -0.08 0.00	37.61 -0.06 0.00	46.94 0.05 0.00	45.96 0.25 0.00	41.67 0.11 0.00	30.12 -0.34 0.00	11.53 -0.25 0.00	10.66 -0.22 0.00	12.87 -0.29 0.00	2.90 -0.03 0.00	7.86 -0.08 0.00	26.74 -0.37 0.00	34.35 -0.30 0.00	55.50 0.28 0.00	88.69 0.96 0.00	112.50 1.95 0.00	83.27 1.69 0.00	76.00 1.20 0.00	87.09 1.48 0.00	84.21 1.39 0.00	94.88 1.07 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	52.64 3.04 0.00	45.01 2.62 0.00	37.53 2.12 0.00	38.32 2.21 0.00	39.99 2.32 0.00	49.93 3.03 0.00	48.78 3.08 0.00	44.48 2.91 0.00	32.50 2.05 0.00	12.54 0.77 0.00	11.62 0.74 0.00	14.02 0.87 0.00	3.15 0.22 0.00	8.55 0.60 0.00	28.95 1.84 0.00	36.97 2.33 0.00	59.01 3.80 0.00	93.51 5.78 0.00	117.75 7.20 0.00	86.99 5.42 0.00	79.46 4.66 0.00	90.99 5.37 0.00	88.06 5.24 0.00	99.43 5.63 0.00
VISCHER___FERRY HYD 24020	51.22 1.63 0.00	43.68 1.29 0.00	36.45 1.05 0.00	37.12 1.01 0.00	38.74 1.07 0.00	48.39 1.50 0.00	47.41 1.70 0.00	43.01 1.45 0.00	31.31 0.86 0.00	12.04 0.27 0.00	11.10 0.22 0.00	13.38 0.22 0.00	3.01 0.08 0.00	8.19 0.24 0.00	27.94 0.84 0.00	35.69 1.04 0.00	57.22 2.01 0.00	91.51 3.78 0.00	115.61 5.05 0.00	85.38 3.80 0.00	78.06 3.26 0.00	89.33 3.72 0.00	86.30 3.48 0.00	97.36 3.55 0.00
V_A_10_SYNC_DSASP 323832	46.14 -3.45 0.00	39.54 -2.85 0.00	32.78 -2.63 0.00	33.66 -2.45 0.00	35.14 -2.52 0.00	43.58 -3.31 0.00	41.75 -3.96 0.00	38.16 -3.41 0.00	28.10 -2.35 0.00	11.01 -0.76 0.00	10.24 -0.63 0.00	12.44 -0.71 0.00	2.85 -0.08 0.00	7.71 -0.23 0.00	25.93 -1.18 0.00	32.79 -1.86 0.00	51.76 -3.46 0.00	81.72 -6.01 0.00	102.28 -8.28 0.00	75.59 -5.98 0.00	68.95 -5.85 0.00	78.84 -6.78 0.00	77.17 -5.65 0.00	88.55 -5.26 0.00
V_CMM_10_SYNC_DSASP 323787	50.59 0.99 0.00	43.30 0.91 0.00	36.13 0.72 0.00	36.93 0.82 0.00	38.61 0.95 0.00	47.98 1.08 0.00	46.51 0.80 0.00	42.11 0.55 0.00	30.97 0.52 0.00	12.00 0.23 0.00	11.05 0.17 0.00	13.40 0.25 0.00	2.91 -0.02 0.00	7.86 -0.09 0.00	27.02 -0.09 0.00	34.63 -0.02 0.00	55.43 0.21 0.00	87.91 0.18 0.00	110.31 -0.24 0.00	81.00 -0.58 0.00	74.77 -0.04 0.00	85.53 -0.08 0.00	82.65 -0.17 0.00	94.14 0.33 0.00
V_CMP_10_SYNC_DSASP 323788	43.00 -0.52 6.08	42.40 0.01 0.00	35.39 -0.02 0.00	36.20 0.09 0.00	38.02 0.36 0.00	47.11 0.21 0.00	45.64 -0.07 0.00	41.34 -0.23 0.00	30.36 -0.09 0.00	11.82 0.05 0.00	10.82 -0.05 0.00	13.12 -0.03 0.00	2.88 -0.05 0.00	7.75 -0.19 0.00	26.42 -0.69 0.00	33.71 -0.94 0.00	54.43 -0.79 0.00	86.40 -1.32 0.00	110.23 -0.32 0.00	80.17 -1.40 0.00	74.13 -0.67 0.00	84.68 -0.94 0.00	82.17 -0.65 0.00	93.66 -0.15 0.00
V_D_10_SYNC_DSASP 323841	51.18 1.59 0.00	43.81 1.42 0.00	36.55 1.14 0.00	37.35 1.24 0.00	39.05 1.38 0.00	48.49 1.60 0.00	46.96 1.26 0.00	42.54 0.97 0.00	31.25 0.80 0.00	12.10 0.33 0.00	11.15 0.27 0.00	13.53 0.38 0.00	2.93 0.00 0.00	7.92 -0.03 0.00	27.22 0.11 0.00	34.77 0.12 0.00	55.68 0.47 0.00	88.45 0.72 0.00	111.18 0.62 0.00	81.77 0.20 0.00	75.44 0.64 0.00	86.36 0.74 0.00	83.47 0.65 0.00	95.10 1.30 0.00
V_E_10_SYNC_DSASP 323830	50.77 1.18 0.00	43.60 1.21 0.00	36.34 0.93 0.00	37.36 1.24 0.00	39.08 1.42 0.00	48.94 2.05 0.00	48.24 2.53 0.00	44.34 2.78 0.00	32.31 1.86 0.00	12.25 0.48 0.00	11.14 0.26 0.00	13.30 0.15 0.00	3.01 0.08 0.00	8.11 0.17 0.00	27.51 0.40 0.00	35.22 0.57 0.00	57.90 2.69 0.00	94.62 6.89 0.00	120.99 10.43 0.00	89.90 8.32 0.00	81.50 6.70 0.00	92.94 7.33 0.00	90.40 7.59 0.00	101.43 7.62 0.00
V_F_30_NSYNC___DSASP 323816	52.73 3.14 0.00	44.91 2.52 0.00	37.47 2.06 0.00	38.16 2.05 0.00	39.82 2.16 0.00	49.72 2.82 0.00	48.69 2.98 0.00	44.13 2.57 0.00	32.03 1.57 0.00	12.30 0.52 0.00	11.32 0.45 0.00	13.66 0.51 0.00	3.07 0.15 0.00	8.37 0.42 0.00	28.55 1.44 0.00	36.57 1.93 0.00	58.95 3.73 0.00	94.66 6.93 0.00	119.58 9.02 0.00	88.17 6.60 0.00	80.57 5.76 0.00	92.17 6.56 0.00	88.92 6.10 0.00	100.28 6.47 0.00



V_F_30_SYNC_DSASP 323786	50.84 1.24 0.00	43.38 0.99 0.00	36.22 0.81 0.00	36.89 0.78 0.00	38.44 0.77 0.00	47.95 1.06 0.00	46.90 1.19 0.00	42.55 0.99 0.00	31.06 0.60 0.00	11.97 0.19 0.00	11.05 0.18 0.00	13.34 0.19 0.00	3.00 0.07 0.00	8.17 0.22 0.00	27.82 0.72 0.00	35.57 0.92 0.00	56.79 1.58 0.00	90.34 2.61 0.00	114.12 3.56 0.00	84.26 2.69 0.00	77.15 2.35 0.00	88.41 2.80 0.00	85.51 2.69 0.00	96.72 2.92 0.00
V_XM_10_SYNC_DSASP 323789	43.00 -0.52 6.08	42.40 0.01 0.00	35.39 -0.02 0.00	36.20 0.09 0.00	38.02 0.36 0.00	47.11 0.21 0.00	45.64 -0.07 0.00	41.34 -0.23 0.00	30.36 -0.09 0.00	11.82 0.05 0.00	10.82 -0.05 0.00	13.12 -0.03 0.00	2.88 -0.05 0.00	7.75 -0.19 0.00	26.42 -0.69 0.00	33.71 -0.94 0.00	54.43 -0.79 0.00	86.40 -1.32 0.00	110.23 -0.32 0.00	80.17 -1.40 0.00	74.13 -0.67 0.00	84.68 -0.94 0.00	82.17 -0.65 0.00	93.66 -0.15 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	50.98 1.39 0.00	43.51 1.12 0.00	36.24 0.83 0.00	36.87 0.75 0.00	38.40 0.73 0.00	48.06 1.17 0.00	47.10 1.39 0.00	42.99 1.43 0.00	31.29 0.84 0.00	12.12 0.34 0.00	11.23 0.35 0.00	13.56 0.40 0.00	3.08 0.15 0.00	8.38 0.44 0.00	28.39 1.28 0.00	36.21 1.56 0.00	57.34 2.12 0.00	91.30 3.58 0.00	115.22 4.67 0.00	85.07 3.50 0.00	77.50 2.69 0.00	88.69 3.07 0.00	85.76 2.94 0.00	96.53 2.73 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	51.19 1.60 0.00	43.67 1.28 0.00	36.31 0.90 0.00	36.97 0.86 0.00	38.51 0.84 0.00	48.18 1.29 0.00	47.23 1.52 0.00	43.14 1.57 0.00	31.45 1.00 0.00	12.21 0.43 0.00	11.35 0.48 0.00	13.72 0.57 0.00	3.12 0.19 0.00	8.48 0.54 0.00	28.73 1.62 0.00	36.66 2.01 0.00	57.95 2.74 0.00	92.01 4.28 0.00	116.09 5.53 0.00	85.77 4.19 0.00	78.14 3.33 0.00	89.36 3.75 0.00	86.41 3.59 0.00	97.25 3.45 0.00
W50THST__13_KV_LOAD 356117	51.37 1.78 0.00	43.80 1.41 0.00	36.42 1.01 0.00	37.09 0.98 0.00	38.62 0.96 0.00	48.31 1.42 0.00	47.37 1.66 0.00	43.29 1.72 0.00	31.56 1.11 0.00	12.25 0.48 0.00	11.40 0.52 0.00	13.79 0.64 0.00	3.14 0.21 0.00	8.53 0.59 0.00	28.88 1.77 0.00	36.84 2.20 0.00	58.23 3.02 0.00	92.43 4.70 0.00	116.54 5.98 0.00	86.11 4.54 0.00	78.45 3.64 0.00	89.71 4.10 0.00	86.75 3.94 0.00	97.63 3.82 0.00
WADING RIVER_IC_1 23522	52.05 2.45 0.00	44.52 2.13 0.00	37.10 1.69 0.00	37.69 1.58 0.00	39.26 1.59 0.00	49.29 2.40 0.00	48.36 2.65 0.00	44.13 2.56 0.00	32.03 1.57 0.00	12.34 0.56 0.00	11.38 0.50 0.00	13.71 0.55 0.00	3.11 0.18 0.00	8.49 0.55 0.00	28.88 1.77 0.00	37.06 2.42 0.00	59.07 3.86 0.00	127.86 6.97 -33.17	117.80 7.24 0.00	86.84 5.27 0.00	79.67 4.87 0.00	90.98 5.36 0.00	87.64 4.82 0.00	98.89 5.09 0.00
WADING RIVER_IC_2 23547	52.05 2.45 0.00	44.52 2.13 0.00	37.10 1.69 0.00	37.69 1.58 0.00	39.26 1.59 0.00	49.29 2.40 0.00	48.36 2.65 0.00	44.13 2.56 0.00	32.03 1.57 0.00	12.34 0.56 0.00	11.38 0.50 0.00	13.71 0.55 0.00	3.11 0.18 0.00	8.49 0.55 0.00	28.88 1.77 0.00	37.06 2.42 0.00	59.07 3.86 0.00	127.86 6.97 -33.17	117.80 7.24 0.00	86.84 5.27 0.00	79.67 4.87 0.00	90.98 5.36 0.00	87.64 4.82 0.00	98.89 5.09 0.00
WADING RIVER_IC_3 23601	52.05 2.45 0.00	44.52 2.13 0.00	37.10 1.69 0.00	37.69 1.58 0.00	39.26 1.59 0.00	49.29 2.40 0.00	48.36 2.65 0.00	44.13 2.56 0.00	32.03 1.57 0.00	12.34 0.56 0.00	11.38 0.50 0.00	13.71 0.55 0.00	3.11 0.18 0.00	8.49 0.55 0.00	28.88 1.77 0.00	37.06 2.42 0.00	59.07 3.86 0.00	127.86 6.97 -33.17	117.80 7.24 0.00	86.84 5.27 0.00	79.67 4.87 0.00	90.98 5.36 0.00	87.64 4.82 0.00	98.89 5.09 0.00
WALDENNY_12_KV_BK2 80841	47.03 -2.56 0.00	40.31 -2.08 0.00	33.30 -2.10 0.00	34.26 -1.85 0.00	35.77 -1.90 0.00	44.46 -2.44 0.00	42.50 -3.21 0.00	38.86 -2.70 0.00	28.59 -1.86 0.00	11.20 -0.57 0.00	10.44 -0.44 0.00	12.68 -0.48 0.00	2.91 -0.01 0.00	7.87 -0.07 0.00	26.41 -0.70 0.00	33.38 -1.27 0.00	52.77 -2.44 0.00	83.42 -4.31 0.00	104.30 -6.25 0.00	77.11 -4.47 0.00	70.30 -4.50 0.00	80.39 -5.23 0.00	78.81 -4.01 0.00	90.69 -3.12 0.00
WALDEN__HYDRO 24148	51.16 1.57 0.00	43.66 1.27 0.00	36.37 0.96 0.00	37.01 0.90 0.00	38.58 0.91 0.00	48.24 1.35 0.00	47.27 1.56 0.00	43.09 1.53 0.00	31.37 0.92 0.00	12.12 0.35 0.00	11.22 0.34 0.00	13.54 0.39 0.00	3.07 0.14 0.00	8.35 0.41 0.00	28.30 1.19 0.00	36.13 1.48 0.00	57.39 2.18 0.00	91.59 3.86 0.00	115.72 5.17 0.00	85.48 3.91 0.00	77.91 3.11 0.00	89.15 3.54 0.00	86.17 3.35 0.00	96.98 3.17 0.00
WARRENSBURG____ 23737	54.21 4.62 0.00	46.15 3.76 0.00	38.50 3.09 0.00	39.19 3.08 0.00	40.92 3.25 0.00	51.12 4.23 0.00	50.10 4.39 0.00	45.35 3.79 0.00	32.86 2.41 0.00	12.60 0.83 0.00	11.57 0.70 0.00	13.97 0.82 0.00	3.14 0.21 0.00	8.57 0.63 0.00	29.26 2.15 0.00	37.48 2.83 0.00	60.71 5.49 0.00	97.94 10.21 0.00	123.87 13.31 0.00	91.32 9.75 0.00	83.35 8.55 0.00	95.33 9.72 0.00	91.81 8.99 0.00	103.42 9.61 0.00
WATERSIDE____6 8 9 23538	49.55 1.72 1.77	40.54 1.41 3.26	31.99 1.06 4.48	32.75 1.00 4.37	34.34 0.97 4.30	45.72 1.45 2.62	45.15 1.61 2.16	40.25 1.66 2.98	26.44 1.09 5.10	4.44 0.49 7.82	0.52 0.54 10.90	4.48 0.63 9.30	-8.29 0.21 11.43	-1.81 0.59 10.34	22.60 1.76 6.27	31.72 2.17 5.10	55.96 2.92 2.17	92.29 4.56 0.00	116.43 5.87 0.00	76.28 4.51 9.80	50.86 3.61 27.55	54.41 4.10 35.30	33.63 3.89 53.07	40.03 3.82 57.60
WATKINRD_115KV_LN8_ILLION 55919	49.69 0.09 0.00	42.42 0.03 0.00	35.45 0.04 0.00	36.12 0.00 0.00	37.67 0.01 0.00	47.02 0.12 0.00	46.00 0.29 0.00	41.76 0.20 0.00	30.28 -0.17 0.00	11.61 -0.16 0.00	10.73 -0.15 0.00	12.95 -0.21 0.00	2.91 -0.02 0.00	7.90 -0.04 0.00	26.90 -0.21 0.00	34.50 -0.15 0.00	55.56 0.35 0.00	88.79 1.06 0.00	112.43 1.87 0.00	83.14 1.57 0.00	75.95 1.15 0.00	87.00 1.39 0.00	84.13 1.31 0.00	94.87 1.06 0.00
WATSON____69_KV_BK 1 55734	52.48 2.89 0.00	44.90 2.51 0.00	37.39 1.98 0.00	37.99 1.88 0.00	39.55 1.89 0.00	49.66 2.77 0.00	48.70 3.00 0.00	44.45 2.88 0.00	32.32 1.86 0.00	12.47 0.70 0.00	11.50 0.63 0.00	13.85 0.70 0.00	3.14 0.22 0.00	8.59 0.64 0.00	29.17 2.06 0.00	37.42 2.77 0.00	59.56 4.34 0.00	128.47 7.57 -33.17	119.71 9.15 0.00	88.27 6.69 0.00	80.67 5.86 0.00	92.12 6.50 0.00	88.80 5.98 0.00	100.05 6.24 0.00
WDELAWARE__HYD 323627	50.83 1.24 0.00	43.38 0.99 0.00	36.14 0.73 0.00	36.81 0.69 0.00	38.35 0.69 0.00	47.98 1.08 0.00	46.99 1.28 0.00	42.82 1.26 0.00	31.15 0.69 0.00	12.01 0.23 0.00	11.09 0.21 0.00	13.38 0.22 0.00	3.03 0.10 0.00	8.23 0.28 0.00	27.90 0.79 0.00	35.69 1.05 0.00	56.86 1.64 0.00	90.90 3.18 0.00	114.90 4.34 0.00	84.93 3.36 0.00	77.48 2.68 0.00	88.60 2.98 0.00	85.58 2.76 0.00	96.28 2.47 0.00

WEST BABYLON___IC 23714	52.23 2.64 0.00	44.69 2.29 0.00	37.21 1.80 0.00	37.81 1.70 0.00	39.37 1.70 0.00	49.38 2.49 0.00	48.43 2.72 0.00	44.20 2.64 0.00	32.15 1.70 0.00	12.42 0.64 0.00	11.47 0.59 0.00	13.82 0.67 0.00	3.14 0.21 0.00	8.56 0.62 0.00	29.07 1.96 0.00	37.27 2.63 0.00	59.27 4.05 0.00	127.92 7.02 -33.17	119.13 8.57 0.00	87.85 6.27 0.00	80.23 5.43 0.00	91.67 6.05 0.00	88.41 5.59 0.00	99.59 5.79 0.00
WEST CANADA___HYD 24049	49.62 0.03 0.00	42.39 0.00 0.00	35.44 0.03 0.00	36.13 0.02 0.00	37.67 0.00 0.00	46.94 0.05 0.00	45.84 0.13 0.00	41.68 0.11 0.00	30.48 0.02 0.00	11.76 -0.01 0.00	10.86 -0.01 0.00	13.12 -0.03 0.00	2.94 0.01 0.00	7.97 0.03 0.00	27.16 0.05 0.00	34.71 0.06 0.00	55.36 0.15 0.00	88.16 0.44 0.00	111.26 0.71 0.00	82.13 0.56 0.00	75.15 0.35 0.00	86.08 0.47 0.00	83.31 0.49 0.00	94.18 0.37 0.00
WESTERN_NY_WIND 24143	47.79 -1.80 0.00	40.95 -1.44 0.00	33.90 -1.51 0.00	34.80 -1.32 0.00	36.32 -1.35 0.00	45.05 -1.84 0.00	43.08 -2.63 0.00	39.40 -2.16 0.00	28.96 -1.49 0.00	11.32 -0.46 0.00	10.47 -0.40 0.00	12.64 -0.52 0.00	2.89 -0.04 0.00	7.84 -0.11 0.00	26.45 -0.66 0.00	33.59 -1.06 0.00	53.29 -1.93 0.00	84.73 -3.00 0.00	106.12 -4.44 0.00	78.41 -3.17 0.00	71.41 -3.39 0.00	81.45 -4.16 0.00	79.68 -3.14 0.00	91.37 -2.44 0.00
WESTOVER___LESR 323668	49.00 -0.59 0.00	41.95 -0.44 0.00	34.92 -0.49 0.00	35.67 -0.45 0.00	37.18 -0.49 0.00	46.33 -0.56 0.00	45.12 -0.59 0.00	41.12 -0.45 0.00	30.03 -0.43 0.00	11.61 -0.16 0.00	10.76 -0.11 0.00	13.05 -0.11 0.00	2.95 0.02 0.00	8.01 0.06 0.00	27.06 -0.05 0.00	34.55 -0.10 0.00	55.08 -0.13 0.00	87.33 -0.39 0.00	109.93 -0.62 0.00	81.28 -0.30 0.00	74.16 -0.64 0.00	85.08 -0.54 0.00	82.45 -0.37 0.00	93.53 -0.28 0.00
WETHRSFD_WT_PWR 323626	46.25 -3.34 0.00	39.75 -2.64 0.00	32.79 -2.62 0.00	33.69 -2.42 0.00	35.19 -2.47 0.00	43.98 -2.91 0.00	42.37 -3.33 0.00	38.75 -2.81 0.00	28.38 -2.07 0.00	11.04 -0.73 0.00	10.26 -0.61 0.00	12.45 -0.71 0.00	2.85 -0.07 0.00	7.70 -0.24 0.00	25.84 -1.27 0.00	32.80 -1.86 0.00	52.09 -3.13 0.00	82.78 -4.95 0.00	103.69 -6.87 0.00	76.79 -4.78 0.00	69.91 -4.89 0.00	80.01 -5.61 0.00	78.41 -4.41 0.00	90.27 -3.53 0.00
WHAVSTOR_138KV_BK127 55557	50.74 1.15 0.00	43.31 0.92 0.00	36.06 0.65 0.00	36.69 0.58 0.00	38.22 0.55 0.00	47.84 0.94 0.00	46.89 1.18 0.00	42.79 1.22 0.00	31.15 0.70 0.00	12.06 0.29 0.00	11.18 0.31 0.00	13.50 0.34 0.00	3.07 0.14 0.00	8.34 0.40 0.00	28.26 1.15 0.00	36.04 1.39 0.00	57.05 1.84 0.00	90.83 3.10 0.00	114.63 4.07 0.00	84.60 3.02 0.00	77.09 2.29 0.00	88.25 2.63 0.00	85.34 2.52 0.00	96.06 2.26 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	50.74 1.15 0.00	43.31 0.92 0.00	36.06 0.65 0.00	36.69 0.58 0.00	38.22 0.55 0.00	47.84 0.94 0.00	46.89 1.18 0.00	42.79 1.22 0.00	31.15 0.70 0.00	12.06 0.29 0.00	11.18 0.31 0.00	13.50 0.34 0.00	3.07 0.14 0.00	8.34 0.40 0.00	28.26 1.15 0.00	36.04 1.39 0.00	57.05 1.84 0.00	90.83 3.10 0.00	114.63 4.07 0.00	84.60 3.02 0.00	77.09 2.29 0.00	88.25 2.63 0.00	85.34 2.52 0.00	96.06 2.26 0.00
WHITEHAL_115KV_TB1 80871	55.24 5.65 0.00	46.85 4.46 0.00	39.05 3.64 0.00	39.65 3.54 0.00	41.40 3.74 0.00	51.83 4.93 0.00	50.84 5.14 0.00	45.85 4.28 0.00	33.14 2.69 0.00	12.68 0.91 0.00	11.63 0.76 0.00	14.07 0.92 0.00	3.16 0.23 0.00	8.72 0.77 0.00	29.85 2.74 0.00	38.07 3.42 0.00	61.98 6.77 0.00	100.76 13.03 0.00	127.97 17.41 0.00	94.22 12.64 0.00	85.98 11.18 0.00	98.12 12.50 0.00	94.17 11.35 0.00	105.76 11.95 0.00
WHITEPLN_13_KV_LOAD 356215	51.61 2.02 0.00	44.05 1.66 0.00	36.68 1.28 0.00	37.29 1.18 0.00	38.85 1.19 0.00	48.64 1.74 0.00	47.66 1.95 0.00	43.51 1.94 0.00	31.71 1.26 0.00	12.28 0.50 0.00	11.39 0.51 0.00	13.76 0.60 0.00	3.12 0.20 0.00	8.50 0.56 0.00	28.80 1.69 0.00	36.80 2.15 0.00	58.30 3.08 0.00	92.77 5.04 0.00	117.10 6.55 0.00	86.51 4.94 0.00	78.83 4.03 0.00	90.18 4.56 0.00	87.14 4.32 0.00	98.06 4.25 0.00
WM_FLOYD_69_KV_BK2 356380	52.10 2.51 0.00	44.57 2.18 0.00	37.13 1.73 0.00	37.73 1.62 0.00	39.29 1.63 0.00	49.34 2.45 0.00	48.41 2.70 0.00	44.16 2.59 0.00	32.05 1.60 0.00	12.34 0.57 0.00	11.39 0.51 0.00	13.71 0.55 0.00	3.11 0.18 0.00	8.49 0.55 0.00	28.89 1.78 0.00	37.09 2.45 0.00	59.12 3.91 0.00	127.97 7.07 -33.17	118.45 7.89 0.00	87.30 5.73 0.00	79.94 5.14 0.00	91.30 5.69 0.00	87.98 5.16 0.00	99.08 5.27 0.00
WOODARD___115KV_TB2 355635	48.58 -1.01 0.00	41.52 -0.87 0.00	34.74 -0.67 0.00	35.45 -0.66 0.00	36.94 -0.73 0.00	45.94 -0.95 0.00	44.76 -0.95 0.00	40.80 -0.77 0.00	29.97 -0.49 0.00	11.59 -0.18 0.00	10.73 -0.15 0.00	12.96 -0.19 0.00	2.91 -0.02 0.00	7.91 -0.04 0.00	26.86 -0.25 0.00	34.23 -0.41 0.00	54.47 -0.74 0.00	86.72 -1.00 0.00	109.32 -1.24 0.00	80.67 -0.91 0.00	73.69 -1.11 0.00	84.27 -1.35 0.00	81.57 -1.25 0.00	92.34 -1.47 0.00
YORK___WARBASSE 23770	60.42 2.00 -8.82	60.31 1.65 -16.27	59.03 1.26 -22.35	59.09 1.19 -21.79	60.24 1.13 -21.45	61.63 1.69 -13.04	58.32 1.82 -10.79	58.28 1.86 -14.85	58.15 1.24 -26.46	54.67 0.57 -42.33	68.90 0.62 -57.41	60.28 0.71 -46.41	60.19 0.23 -57.04	60.22 0.65 -51.62	60.35 1.94 -31.30	62.48 2.39 -25.45	69.27 3.25 -10.80	92.73 5.01 0.00	117.01 6.46 0.00	148.12 5.01 -61.53	333.97 4.08 -255.09	266.22 4.62 -176.00	385.67 4.46 -298.39	385.53 4.43 -287.30