

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

## Generator Data

08/07/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	
59TH STREET_GT_1	38.51	36.25	33.96	32.09	31.70	44.68	46.07	52.61	43.87	41.80	45.57	52.06	57.39	62.42	58.91	66.77	71.73	82.31	96.97	83.91	90.82	76.03	59.52	46.88
24138	1.22	1.16	1.03	0.94	0.90	1.08	1.48	1.95	1.92	1.84	2.06	2.51	2.53	2.56	2.39	2.52	2.63	3.16	4.06	2.31	1.83	1.23	0.98	1.18
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.22	-1.45	-1.95	-2.30	-0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	38.52	36.24	33.96	32.09	31.70	44.67	46.04	52.55	43.82	41.73	45.49	51.97	57.32	62.40	58.90	66.78	71.76	82.35	97.10	84.08	91.08	76.26	59.72	46.99
24260	1.23	1.15	1.03	0.94	0.90	1.07	1.45	1.90	1.87	1.77	1.98	2.42	2.46	2.54	2.38	2.53	2.66	3.20	4.19	2.48	2.09	1.46	1.18	1.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.22	-1.45	-1.95	-2.30	-0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	38.52	36.24	33.96	32.09	31.70	44.67	46.04	52.55	43.82	41.73	45.49	51.97	57.32	62.40	58.90	66.78	71.76	82.35	97.10	84.08	91.08	76.26	59.72	46.99
24261	1.23	1.15	1.03	0.94	0.90	1.07	1.45	1.90	1.87	1.77	1.98	2.42	2.46	2.54	2.38	2.53	2.66	3.20	4.19	2.48	2.09	1.46	1.18	1.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.22	-1.45	-1.95	-2.30	-0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	39.26	36.85	34.73	32.83	32.50	45.92	46.83	53.24	44.07	41.59	44.24	48.08	52.41	56.83	57.51	66.19	71.55	82.71	99.13	86.60	93.90	78.73	61.23	47.77
24011	1.97	1.76	1.81	1.67	1.70	2.32	2.24	2.59	2.12	1.63	1.14	1.30	1.29	1.34	1.49	1.94	2.45	3.56	6.22	5.01	4.91	3.93	2.69	2.07
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	1.33	1.78	2.06	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	39.65	37.14	35.02	33.10	32.79	46.30	47.18	53.62	44.32	41.74	44.37	48.35	52.73	57.20	57.88	66.58	72.06	83.45	100.23	87.49	94.67	79.40	61.69	48.13
23798	2.36	2.05	2.09	1.94	1.99	2.71	2.58	2.97	2.37	1.78	1.27	1.55	1.58	1.68	1.85	2.33	2.97	4.30	7.33	5.89	5.68	4.60	3.15	2.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	1.31	1.76	2.04	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	39.26	36.85	34.73	32.83	32.50	45.92	46.83	53.24	44.07	41.59	44													

ALBANY___2 23572	36.84 -0.45 0.00	34.81 -0.28 0.00	32.81 -0.12 0.00	31.05 -0.11 0.00	30.74 -0.06 0.00	43.33 -0.27 0.00	44.35 -0.25 0.00	50.46 -0.20 0.00	41.97 0.01 0.00	39.72 -0.24 0.00	42.64 -0.50 0.16	46.43 -0.60 1.08	50.57 -0.88 1.45	54.77 -1.09 1.69	54.94 -1.12 0.19	62.99 -1.26 0.00	67.81 -1.29 0.00	77.83 -1.33 0.00	92.08 -0.83 0.00	80.50 -1.09 0.00	87.46 -1.53 0.00	73.43 -1.36 0.00	57.39 -1.16 0.00	44.94 -0.76 0.00
ALBANY___3 23573	36.84 -0.45 0.00	34.81 -0.28 0.00	32.81 -0.12 0.00	31.05 -0.11 0.00	30.74 -0.06 0.00	43.33 -0.27 0.00	44.35 -0.25 0.00	50.46 -0.20 0.00	41.97 0.01 0.00	39.72 -0.24 0.00	42.64 -0.50 0.16	46.43 -0.60 1.08	50.57 -0.88 1.45	54.77 -1.09 1.69	54.94 -1.12 0.19	62.99 -1.26 0.00	67.81 -1.29 0.00	77.83 -1.33 0.00	92.08 -0.83 0.00	80.50 -1.09 0.00	87.46 -1.53 0.00	73.43 -1.36 0.00	57.39 -1.16 0.00	44.94 -0.76 0.00
ALBANY___4 23574	36.84 -0.45 0.00	34.81 -0.28 0.00	32.81 -0.12 0.00	31.05 -0.11 0.00	30.74 -0.06 0.00	43.33 -0.27 0.00	44.35 -0.25 0.00	50.46 -0.20 0.00	41.97 0.01 0.00	39.72 -0.24 0.00	42.64 -0.50 0.16	46.43 -0.60 1.08	50.57 -0.88 1.45	54.77 -1.09 1.69	54.94 -1.12 0.19	62.99 -1.26 0.00	67.81 -1.29 0.00	77.83 -1.33 0.00	92.08 -0.83 0.00	80.50 -1.09 0.00	87.46 -1.53 0.00	73.43 -1.36 0.00	57.39 -1.16 0.00	44.94 -0.76 0.00
ALBANY___LFGE 323615	37.32 0.03 0.00	35.24 0.14 0.00	33.19 0.26 0.00	31.40 0.24 0.00	31.08 0.28 0.00	43.82 0.23 0.00	44.86 0.28 0.00	51.05 0.40 0.00	42.44 0.49 0.00	40.21 0.25 0.00	43.15 0.03 0.18	46.95 0.03 1.19	51.16 -0.15 1.59	55.44 -0.26 1.85	55.73 -0.32 0.21	63.92 -0.33 0.00	68.86 -0.24 0.00	79.02 -0.13 0.00	93.49 0.59 0.00	81.69 0.10 0.00	88.73 -0.27 0.00	74.48 -0.31 0.00	58.16 -0.39 0.00	45.51 -0.19 0.00
ALCOA_PA_115KV_PL-6C 55860	38.04 0.75 0.00	35.96 0.87 0.00	33.68 0.76 0.00	31.88 0.72 0.00	31.54 0.73 0.00	44.77 1.17 0.00	45.73 1.13 0.00	51.87 1.22 0.00	42.85 0.90 0.00	40.93 0.97 0.00	44.48 1.18 0.00	49.20 1.09 0.00	54.15 1.25 0.00	58.93 1.38 0.00	57.57 1.31 0.00	65.64 1.39 0.00	70.20 1.09 0.00	79.89 0.74 0.00	92.99 0.08 0.00	82.21 0.61 0.00	90.19 1.21 0.00	449.83 1.95 -373.08	150.13 1.82 -89.77	134.39 1.26 -87.43
ALCOA_RYNLDS___DRP 24188	38.04 0.75 0.00	35.96 0.87 0.00	33.68 0.76 0.00	31.88 0.72 0.00	31.54 0.73 0.00	44.77 1.17 0.00	45.73 1.13 0.00	51.87 1.22 0.00	42.85 0.90 0.00	40.93 0.97 0.00	44.48 1.18 0.00	49.20 1.09 0.00	54.15 1.25 0.00	58.93 1.38 0.00	57.57 1.31 0.00	65.64 1.39 0.00	70.20 1.09 0.00	79.89 0.74 0.00	92.99 0.08 0.00	82.21 0.61 0.00	90.19 1.21 0.00	449.83 1.95 -373.08	150.13 1.82 -89.77	134.39 1.26 -87.43
ALCOA___DSASP 323711	38.04 0.75 0.00	35.96 0.87 0.00	33.68 0.76 0.00	31.88 0.72 0.00	31.54 0.73 0.00	44.77 1.17 0.00	45.73 1.13 0.00	51.87 1.22 0.00	42.86 0.91 0.00	40.93 0.97 0.00	44.48 1.18 0.00	49.19 1.09 0.00	54.15 1.25 0.00	58.93 1.38 0.00	57.56 1.31 0.00	65.64 1.39 0.00	70.19 1.09 0.00	79.89 0.74 0.00	92.99 0.08 0.00	82.21 0.61 0.00	90.19 1.20 0.00	449.82 1.95 -373.08	150.13 1.82 -89.77	134.39 1.26 -87.43
ALLEGHENY___COGEN 23514	38.50 1.21 0.00	35.75 0.66 0.00	33.45 0.52 0.00	31.68 0.53 0.00	31.22 0.42 0.00	44.69 1.09 0.00	45.47 0.88 0.00	51.40 0.74 0.00	41.81 -0.14 0.00	39.93 -0.03 0.00	43.60 0.30 0.00	48.66 0.55 0.00	53.82 0.91 0.00	58.89 1.34 0.00	57.81 1.55 0.00	66.00 1.75 0.00	71.85 2.75 0.00	82.98 3.83 0.00	98.84 5.94 0.00	86.79 5.20 0.00	94.73 5.74 0.00	79.04 4.24 0.00	61.44 2.90 0.00	47.73 2.03 0.00
ALTAMONT_115KV_TB 2 55880	37.39 0.10 0.00	35.30 0.21 0.00	33.23 0.30 0.00	31.44 0.28 0.00	31.10 0.30 0.00	43.88 0.28 0.00	44.92 0.33 0.00	51.09 0.44 0.00	42.38 0.43 0.00	40.19 0.23 0.00	43.25 0.06 0.11	47.46 0.06 0.71	51.85 -0.10 0.95	56.22 -0.23 1.11	55.87 -0.26 0.12	63.98 -0.27 0.00	68.89 -0.21 0.00	79.08 -0.07 0.00	93.47 0.56 0.00	81.76 0.17 0.00	88.89 -0.10 0.00	74.66 -0.14 0.00	58.38 -0.16 0.00	45.70 0.00 0.00
ALTONA_WT_PWR 323606	37.40 0.11 0.00	35.47 0.38 0.00	33.23 0.30 0.00	31.43 0.27 0.00	31.07 0.27 0.00	44.08 0.48 0.00	45.09 0.50 0.00	51.20 0.54 0.00	42.33 0.38 0.00	40.45 0.49 0.00	43.95 0.65 0.00	48.56 0.46 0.00	53.30 0.40 0.00	57.98 0.43 0.00	56.69 0.43 0.00	64.68 0.43 0.00	69.41 0.31 0.00	78.98 -0.17 0.00	92.04 -0.86 0.00	81.25 -0.34 0.00	89.00 0.01 0.00	68.50 0.67 6.96	48.08 0.72 11.17	44.80 0.30 1.21
AMERICAN_REF_FUEL 24010	37.64 0.35 0.00	34.91 -0.18 0.00	32.54 -0.39 0.00	30.92 -0.23 0.00	30.37 -0.43 0.00	43.48 -0.12 0.00	43.41 -1.18 0.00	49.04 -1.62 0.00	40.41 -1.54 0.00	39.54 -0.42 0.00	43.88 0.58 0.00	49.11 1.01 0.00	55.05 2.14 0.00	60.01 2.46 0.00	59.06 2.80 0.00	66.86 2.61 0.00	71.94 2.84 0.00	81.97 2.81 0.00	96.14 3.23 0.00	83.39 1.80 0.00	90.30 1.30 0.00	75.56 0.77 0.00	59.32 0.77 0.00	46.22 0.52 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	37.85 0.56 0.00	34.85 -0.24 0.00	32.51 -0.42 0.00	30.93 -0.22 0.00	30.44 -0.36 0.00	43.71 0.11 0.00	43.81 -0.78 0.00	49.57 -1.08 0.00	41.24 -0.71 0.00	40.57 0.61 0.00	45.06 1.76 0.00	50.78 2.67 0.00	56.63 3.72 0.00	62.03 4.48 0.00	61.22 4.96 0.00	69.74 5.49 0.00	75.11 6.01 0.00	85.86 6.71 0.00	100.64 7.73 0.00	87.48 5.89 0.00	94.79 5.80 0.00	78.69 3.89 0.00	61.11 2.57 0.00	46.67 0.96 0.00
ARTHUR KILL_GT_1 23520	38.11 0.82 0.00	35.87 0.78 0.00	33.63 0.70 0.00	31.78 0.63 0.00	31.39 0.58 0.00	44.12 0.52 0.00	45.56 0.96 0.00	51.80 1.15 0.00	43.32 1.37 0.00	41.16 1.20 0.00	44.78 1.27 -0.22	51.20 1.64 -1.45	56.34 1.48 -1.95	61.37 1.52 -2.30	58.05 1.53 -0.26	65.80 1.55 0.00	70.72 1.62 0.00	81.15 2.00 0.00	95.77 2.87 0.00	82.93 1.34 0.00	89.93 0.94 0.00	75.39 0.59 0.00	59.20 0.66 0.00	46.86 1.15 0.00
ARTHUR_KILL_2 23512	37.99 0.70 0.00	35.76 0.67 0.00	33.52 0.60 0.00	31.68 0.52 0.00	31.27 0.47 0.00	43.97 0.37 0.00	45.41 0.81 0.00	51.66 1.01 0.00	43.18 1.23 0.00	41.04 1.08 0.00	44.64 1.13 -0.21	51.03 1.49 -1.44	56.15 1.30 -1.95	61.17 1.31 -2.30	57.82 1.31 -0.26	65.55 1.30 0.00	70.43 1.33 0.00	80.86 1.70 0.00	95.40 2.49 0.00	82.61 1.01 0.00	89.56 0.56 0.00	75.10 0.30 0.00	58.98 0.44 0.00	46.70 0.99 0.00
ARTHUR_KILL_3 23513	38.01 0.72 0.00	35.78 0.69 0.00	33.51 0.59 0.00	31.67 0.51 0.00	31.27 0.47 0.00	44.04 0.44 0.00	45.37 0.78 0.00	51.79 1.13 0.00	43.16 1.21 0.00	41.12 1.16 0.00	44.81 1.30 -0.22	51.20 1.65 -1.45	56.45 1.60 -1.95	61.44 1.58 -2.30	57.91 1.39 -0.26	65.65 1.40 0.00	70.57 1.47 0.00	81.02 1.87 0.00	95.58 2.67 0.00	82.73 1.14 0.00	89.63 0.63 0.00	75.08 0.28 0.00	58.83 0.29 0.00	46.34 0.64 0.00

ARTHUR_KILL_COGEN 323718	38.11 0.83 0.00	35.86 0.78 0.00	33.62 0.70 0.00	31.79 0.63 0.00	31.38 0.58 0.00	44.12 0.52 0.00	45.57 0.98 0.00	51.82 1.17 0.00	43.32 1.37 0.00	41.18 1.22 0.00	44.78 1.27 -0.21	51.20 1.66 -1.44	56.34 1.48 -1.95	61.37 1.51 -2.30	58.02 1.50 -0.26	65.78 1.54 0.00	70.69 1.59 0.00	81.15 2.00 0.00	95.76 2.85 0.00	82.93 1.34 0.00	89.93 0.94 0.00	75.41 0.61 0.00	59.20 0.66 0.00	46.86 1.16 0.00
ASHOKAN____ 23654	37.89 0.60 0.00	35.67 0.58 0.00	33.53 0.60 0.00	31.71 0.55 0.00	31.33 0.53 0.00	44.24 0.64 0.00	45.43 0.84 0.00	51.87 1.22 0.00	43.15 1.19 0.00	40.94 0.98 0.00	44.13 0.83 0.00	49.37 1.27 0.00	53.93 1.03 0.00	58.70 1.15 0.00	56.89 0.63 0.00	64.84 0.59 0.00	70.47 1.36 0.00	80.85 1.70 0.00	95.97 3.06 0.00	83.92 2.33 0.00	91.07 2.08 0.00	76.24 1.45 0.00	59.43 0.88 0.00	46.39 0.69 0.00
ASTORIA_EAST_ENERGY_CC1 323581	38.24 0.95 0.00	35.92 0.83 0.00	33.68 0.76 0.00	31.87 0.71 0.00	31.46 0.66 0.00	44.19 0.59 0.00	45.67 1.08 0.00	52.06 1.40 0.00	43.81 1.50 -0.36	42.09 1.38 -0.75	44.89 1.38 -0.22	51.35 1.80 -1.45	56.49 1.64 -1.95	61.34 1.49 -2.30	65.99 1.49 -8.25	70.64 1.60 -4.79	73.65 1.52 -3.03	81.16 2.01 0.00	95.57 2.66 0.00	82.80 1.21 0.00	89.83 0.84 0.00	75.27 0.47 0.00	59.10 0.56 0.00	46.76 1.06 0.00
ASTORIA_EAST_ENERGY_CC2 323582	38.24 0.95 0.00	35.92 0.83 0.00	33.68 0.76 0.00	31.87 0.71 0.00	31.46 0.66 0.00	44.19 0.59 0.00	45.67 1.08 0.00	52.06 1.40 0.00	43.81 1.50 -0.36	42.09 1.38 -0.75	44.89 1.38 -0.22	51.35 1.80 -1.45	56.49 1.64 -1.95	61.34 1.49 -2.30	65.98 1.48 -8.25	70.64 1.60 -4.79	73.65 1.52 -3.03	81.16 2.01 0.00	95.57 2.66 0.00	82.80 1.21 0.00	89.83 0.84 0.00	75.27 0.47 0.00	59.10 0.56 0.00	46.76 1.06 0.00
ASTORIA_GT2_1 24094	38.26 0.97 0.00	35.93 0.84 0.00	33.69 0.77 0.00	31.89 0.73 0.00	31.48 0.68 0.00	44.20 0.60 0.00	45.71 1.12 0.00	52.08 1.43 0.00	43.82 1.50 -0.36	42.07 1.36 -0.75	44.93 1.42 -0.22	51.37 1.82 -1.45	56.51 1.65 -1.95	61.39 1.53 -2.30	66.00 1.50 -8.25	70.67 1.63 -4.79	73.73 1.60 -3.03	81.20 2.05 0.00	95.66 2.75 0.00	82.86 1.27 0.00	89.90 0.91 0.00	75.32 0.52 0.00	59.13 0.58 0.00	46.78 1.08 0.00
ASTORIA_GT2_2 24095	38.26 0.97 0.00	35.93 0.84 0.00	33.69 0.77 0.00	31.89 0.73 0.00	31.48 0.68 0.00	44.20 0.60 0.00	45.71 1.12 0.00	52.08 1.43 0.00	43.82 1.50 -0.36	42.07 1.36 -0.75	44.93 1.42 -0.22	51.37 1.82 -1.45	56.51 1.65 -1.95	61.39 1.53 -2.30	66.00 1.50 -8.25	70.67 1.63 -4.79	73.73 1.60 -3.03	81.20 2.05 0.00	95.66 2.75 0.00	82.86 1.27 0.00	89.90 0.91 0.00	75.32 0.52 0.00	59.13 0.58 0.00	46.78 1.08 0.00
ASTORIA_GT2_3 24096	38.26 0.97 0.00	35.93 0.84 0.00	33.69 0.77 0.00	31.89 0.73 0.00	31.48 0.68 0.00	44.20 0.60 0.00	45.71 1.12 0.00	52.08 1.43 0.00	43.82 1.50 -0.36	42.07 1.36 -0.75	44.93 1.42 -0.22	51.37 1.82 -1.45	56.51 1.65 -1.95	61.39 1.53 -2.30	66.00 1.50 -8.25	70.67 1.63 -4.79	73.73 1.60 -3.03	81.20 2.05 0.00	95.66 2.75 0.00	82.86 1.27 0.00	89.90 0.91 0.00	75.32 0.52 0.00	59.13 0.58 0.00	46.78 1.08 0.00
ASTORIA_GT2_4 24097	38.26 0.97 0.00	35.93 0.84 0.00	33.69 0.77 0.00	31.89 0.73 0.00	31.48 0.68 0.00	44.20 0.60 0.00	45.71 1.12 0.00	52.08 1.43 0.00	43.82 1.50 -0.36	42.07 1.36 -0.75	44.93 1.42 -0.22	51.37 1.82 -1.45	56.51 1.65 -1.95	61.39 1.53 -2.30	66.00 1.50 -8.25	70.67 1.63 -4.79	73.73 1.60 -3.03	81.20 2.05 0.00	95.66 2.75 0.00	82.86 1.27 0.00	89.90 0.91 0.00	75.32 0.52 0.00	59.13 0.58 0.00	46.78 1.08 0.00
ASTORIA_GT3_1 24098	38.26 0.97 0.00	35.93 0.84 0.00	33.69 0.77 0.00	31.89 0.73 0.00	31.48 0.68 0.00	44.20 0.60 0.00	45.71 1.12 0.00	52.08 1.43 0.00	43.82 1.50 -0.36	42.07 1.36 -0.75	44.93 1.42 -0.22	51.37 1.82 -1.45	56.51 1.65 -1.95	61.39 1.53 -2.30	66.00 1.50 -8.25	70.67 1.63 -4.79	73.73 1.60 -3.03	81.20 2.05 0.00	95.66 2.75 0.00	82.86 1.27 0.00	89.90 0.91 0.00	75.32 0.52 0.00	59.13 0.58 0.00	46.78 1.08 0.00
ASTORIA_GT3_2 24099	38.26 0.97 0.00	35.93 0.84 0.00	33.69 0.77 0.00	31.89 0.73 0.00	31.48 0.68 0.00	44.20 0.60 0.00	45.71 1.12 0.00	52.08 1.43 0.00	43.82 1.50 -0.36	42.07 1.36 -0.75	44.93 1.42 -0.22	51.37 1.82 -1.45	56.51 1.65 -1.95	61.39 1.53 -2.30	66.00 1.50 -8.25	70.67 1.63 -4.79	73.73 1.60 -3.03	81.20 2.05 0.00	95.66 2.75 0.00	82.86 1.27 0.00	89.90 0.91 0.00	75.32 0.52 0.00	59.13 0.58 0.00	46.78 1.08 0.00
ASTORIA_GT3_3 24100	38.26 0.97 0.00	35.93 0.84 0.00	33.69 0.77 0.00	31.89 0.73 0.00	31.48 0.68 0.00	44.20 0.60 0.00	45.71 1.12 0.00	52.08 1.43 0.00	43.82 1.50 -0.36	42.07 1.36 -0.75	44.93 1.42 -0.22	51.37 1.82 -1.45	56.51 1.65 -1.95	61.39 1.53 -2.30	66.00 1.50 -8.25	70.67 1.63 -4.79	73.73 1.60 -3.03	81.20 2.05 0.00	95.66 2.75 0.00	82.86 1.27 0.00	89.90 0.91 0.00	75.32 0.52 0.00	59.13 0.58 0.00	46.78 1.08 0.00
ASTORIA_GT3_4 24101	38.26 0.97 0.00	35.93 0.84 0.00	33.69 0.77 0.00	31.89 0.73 0.00	31.48 0.68 0.00	44.20 0.60 0.00	45.71 1.12 0.00	52.08 1.43 0.00	43.82 1.50 -0.36	42.07 1.36 -0.75	44.93 1.42 -0.22	51.37 1.82 -1.45	56.51 1.65 -1.95	61.39 1.53 -2.30	66.00 1.50 -8.25	70.67 1.63 -4.79	73.73 1.60 -3.03	81.20 2.05 0.00	95.66 2.75 0.00	82.86 1.27 0.00	89.90 0.91 0.00	75.32 0.52 0.00	59.13 0.58 0.00	46.78 1.08 0.00
ASTORIA_GT4_1 24102	38.26 0.97 0.00	35.93 0.84 0.00	33.69 0.77 0.00	31.89 0.73 0.00	31.48 0.68 0.00	44.20 0.60 0.00	45.71 1.12 0.00	52.08 1.43 0.00	43.82 1.50 -0.36	42.07 1.36 -0.75	44.93 1.42 -0.22	51.37 1.82 -1.45	56.51 1.65 -1.95	61.39 1.53 -2.30	66.00 1.50 -8.25	70.67 1.63 -4.79	73.73 1.60 -3.03	81.20 2.05 0.00	95.66 2.75 0.00	82.86 1.27 0.00	89.90 0.91 0.00	75.32 0.52 0.00	59.13 0.58 0.00	46.78 1.08 0.00
ASTORIA_GT4_2 24103	38.26 0.97 0.00	35.93 0.84 0.00	33.69 0.77 0.00	31.89 0.73 0.00	31.48 0.68 0.00	44.20 0.60 0.00	45.71 1.12 0.00	52.08 1.43 0.00	43.82 1.50 -0.36	42.07 1.36 -0.75	44.93 1.42 -0.22	51.37 1.82 -1.45	56.51 1.65 -1.95	61.39 1.53 -2.30	66.00 1.50 -8.25	70.67 1.63 -4.79	73.73 1.60 -3.03	81.20 2.05 0.00	95.66 2.75 0.00	82.86 1.27 0.00	89.90 0.91 0.00	75.32 0.52 0.00	59.13 0.58 0.00	46.78 1.08 0.00
ASTORIA_GT4_3 24104	38.26 0.97 0.00	35.93 0.84 0.00	33.69 0.77 0.00	31.89 0.73 0.00	31.48 0.68 0.00	44.20 0.60 0.00	45.71 1.12 0.00	52.08 1.43 0.00	43.82 1.50 -0.36	42.07 1.36 -0.75	44.93 1.42 -0.22	51.37 1.82 -1.45	56.51 1.65 -1.95	61.39 1.53 -2.30	66.00 1.50 -8.25	70.67 1.63 -4.79	73.73 1.60 -3.03	81.20 2.05 0.00	95.66 2.75 0.00	82.86 1.27 0.00	89.90 0.91 0.00	75.32 0.52 0.00	59.13 0.58 0.00	46.78 1.08 0.00

ASTORIA_GT4_4 24105	38.26 0.97 0.00	35.93 0.84 0.00	33.69 0.77 0.00	31.89 0.73 0.00	31.48 0.68 0.00	44.20 0.60 0.00	45.71 1.12 0.00	52.08 1.43 0.00	43.82 1.50 -0.36	42.07 1.36 -0.75	44.93 1.42 -0.22	51.37 1.82 -1.45	56.51 1.65 -1.95	61.39 1.53 -2.30	66.00 1.50 -8.25	70.67 1.63 -4.79	73.73 1.60 -3.03	81.20 2.05 0.00	95.66 2.75 0.00	82.86 1.27 0.00	89.90 0.91 0.00	75.32 0.52 0.00	59.13 0.58 0.00	46.78 1.08 0.00
ASTORIA_GT_1 23523	38.34 1.05 0.00	36.00 0.91 0.00	33.76 0.83 0.00	31.94 0.79 0.00	31.53 0.73 0.00	44.28 0.68 0.00	45.80 1.21 0.00	52.18 1.53 0.00	43.91 1.60 -0.36	42.17 1.45 -0.75	45.03 1.51 -0.22	51.49 1.94 -1.45	56.65 1.80 -1.95	61.56 1.70 -2.30	66.15 1.65 -8.25	70.83 1.79 -4.79	73.91 1.78 -3.03	81.42 2.27 0.00	95.90 2.99 0.00	83.05 1.46 0.00	90.10 1.11 0.00	75.48 0.69 0.00	59.26 0.72 0.00	46.88 1.18 0.00
ASTORIA_GT_10 24110	38.26 0.97 0.00	35.96 0.87 0.00	33.72 0.79 0.00	31.88 0.72 0.00	31.48 0.68 0.00	44.22 0.62 0.00	45.67 1.08 0.00	52.11 1.46 0.00	43.50 1.55 0.00	41.40 1.44 0.00	45.10 1.59 -0.22	51.56 2.01 -1.45	56.74 1.89 -1.95	61.70 1.84 -2.30	58.27 1.76 -0.26	66.08 1.83 0.00	70.96 1.86 0.00	81.47 2.31 0.00	95.98 3.07 0.00	83.08 1.49 0.00	90.05 1.05 0.00	75.41 0.61 0.00	59.14 0.60 0.00	46.71 1.01 0.00
ASTORIA_GT_11 24225	38.26 0.97 0.00	35.96 0.87 0.00	33.72 0.79 0.00	31.88 0.72 0.00	31.48 0.68 0.00	44.22 0.62 0.00	45.67 1.08 0.00	52.11 1.46 0.00	43.50 1.55 0.00	41.40 1.44 0.00	45.10 1.59 -0.22	51.56 2.01 -1.45	56.74 1.89 -1.95	61.70 1.84 -2.30	58.27 1.76 -0.26	66.08 1.83 0.00	70.96 1.86 0.00	81.47 2.31 0.00	95.98 3.07 0.00	83.08 1.49 0.00	90.05 1.05 0.00	75.41 0.61 0.00	59.14 0.60 0.00	46.71 1.01 0.00
ASTORIA_GT_12 24226	38.26 0.97 0.00	35.96 0.87 0.00	33.72 0.79 0.00	31.88 0.72 0.00	31.48 0.68 0.00	44.22 0.62 0.00	45.67 1.08 0.00	52.11 1.46 0.00	43.50 1.55 0.00	41.40 1.44 0.00	45.10 1.59 -0.22	51.56 2.01 -1.45	56.74 1.89 -1.95	61.70 1.84 -2.30	58.27 1.76 -0.26	66.08 1.83 0.00	70.96 1.86 0.00	81.47 2.31 0.00	95.98 3.07 0.00	83.08 1.49 0.00	90.05 1.05 0.00	75.41 0.61 0.00	59.14 0.60 0.00	46.71 1.01 0.00
ASTORIA_GT_13 24227	38.26 0.97 0.00	35.96 0.87 0.00	33.72 0.79 0.00	31.88 0.72 0.00	31.48 0.68 0.00	44.22 0.62 0.00	45.67 1.08 0.00	52.11 1.46 0.00	43.50 1.55 0.00	41.40 1.44 0.00	45.10 1.59 -0.22	51.56 2.01 -1.45	56.74 1.89 -1.95	61.70 1.84 -2.30	58.27 1.76 -0.26	66.08 1.83 0.00	70.96 1.86 0.00	81.47 2.31 0.00	95.98 3.07 0.00	83.08 1.49 0.00	90.05 1.05 0.00	75.41 0.61 0.00	59.14 0.60 0.00	46.71 1.01 0.00
ASTORIA_GT_5 24106	38.34 1.05 0.00	36.00 0.91 0.00	33.76 0.83 0.00	31.94 0.79 0.00	31.53 0.73 0.00	44.28 0.68 0.00	45.80 1.21 0.00	52.18 1.53 0.00	43.91 1.60 -0.36	42.17 1.45 -0.75	45.03 1.51 -0.22	51.49 1.94 -1.45	56.65 1.80 -1.95	61.56 1.70 -2.30	66.15 1.65 -8.25	70.83 1.79 -4.79	73.91 1.78 -3.03	81.42 2.27 0.00	95.90 2.99 0.00	83.05 1.46 0.00	90.10 1.11 0.00	75.48 0.69 0.00	59.26 0.72 0.00	46.88 1.18 0.00
ASTORIA_GT_7 24107	38.34 1.05 0.00	36.00 0.91 0.00	33.76 0.83 0.00	31.94 0.79 0.00	31.53 0.73 0.00	44.28 0.68 0.00	45.80 1.21 0.00	52.18 1.53 0.00	43.91 1.60 -0.36	42.17 1.45 -0.75	45.03 1.51 -0.22	51.49 1.94 -1.45	56.65 1.80 -1.95	61.56 1.70 -2.30	66.15 1.65 -8.25	70.83 1.79 -4.79	73.91 1.78 -3.03	81.42 2.27 0.00	95.90 2.99 0.00	83.05 1.46 0.00	90.10 1.11 0.00	75.48 0.69 0.00	59.26 0.72 0.00	46.88 1.18 0.00
ASTORIA_GT_8 24108	38.34 1.05 0.00	36.00 0.91 0.00	33.76 0.83 0.00	31.94 0.79 0.00	31.53 0.73 0.00	44.28 0.68 0.00	45.80 1.21 0.00	52.18 1.53 0.00	43.91 1.60 -0.36	42.17 1.45 -0.75	45.03 1.51 -0.22	51.49 1.94 -1.45	56.65 1.80 -1.95	61.56 1.70 -2.30	66.15 1.65 -8.25	70.83 1.79 -4.79	73.91 1.78 -3.03	81.42 2.27 0.00	95.90 2.99 0.00	83.05 1.46 0.00	90.10 1.11 0.00	75.48 0.69 0.00	59.26 0.72 0.00	46.88 1.18 0.00
ASTORIA___2 24149	38.27 0.98 0.00	35.94 0.84 0.00	33.69 0.77 0.00	31.89 0.73 0.00	31.48 0.68 0.00	44.20 0.60 0.00	45.71 1.12 0.00	52.09 1.43 0.00	43.84 1.53 -0.36	42.12 1.40 -0.75	44.93 1.42 -0.22	51.38 1.83 -1.45	56.53 1.68 -1.95	61.38 1.53 -2.30	66.02 1.51 -8.25	70.67 1.63 -4.79	73.71 1.58 -3.03	81.19 2.04 0.00	95.65 2.74 0.00	82.86 1.27 0.00	89.90 0.90 0.00	75.32 0.52 0.00	59.14 0.59 0.00	46.78 1.08 0.00
ASTORIA___3 23516	38.27 0.98 0.00	35.94 0.84 0.00	33.69 0.77 0.00	31.89 0.73 0.00	31.48 0.68 0.00	44.20 0.60 0.00	45.71 1.12 0.00	52.09 1.43 0.00	43.84 1.53 -0.36	42.12 1.40 -0.75	44.93 1.41 -0.22	51.38 1.83 -1.45	56.53 1.67 -1.95	61.38 1.52 -2.30	66.01 1.50 -8.25	70.67 1.63 -4.79	73.71 1.58 -3.03	81.19 2.04 0.00	95.64 2.73 0.00	82.86 1.27 0.00	89.89 0.90 0.00	75.31 0.51 0.00	59.13 0.59 0.00	46.78 1.08 0.00
ASTORIA___4 23517	38.26 0.97 0.00	35.93 0.84 0.00	33.69 0.77 0.00	31.89 0.73 0.00	31.48 0.68 0.00	44.20 0.60 0.00	45.71 1.12 0.00	52.08 1.43 0.00	43.82 1.50 -0.36	42.07 1.36 -0.75	44.93 1.42 -0.22	51.37 1.82 -1.45	56.51 1.65 -1.95	61.39 1.53 -2.30	66.00 1.50 -8.25	70.67 1.63 -4.79	73.73 1.60 -3.03	81.19 2.04 0.00	95.66 2.75 0.00	82.86 1.27 0.00	89.89 0.90 0.00	75.31 0.51 0.00	59.13 0.58 0.00	46.78 1.08 0.00
ASTORIA___5 23518	38.27 0.98 0.00	35.97 0.88 0.00	33.72 0.79 0.00	31.88 0.72 0.00	31.48 0.68 0.00	44.22 0.62 0.00	45.67 1.08 0.00	52.11 1.46 0.00	43.51 1.56 0.00	41.42 1.46 0.00	45.10 1.59 -0.22	51.56 2.01 -1.45	56.75 1.89 -1.95	61.68 1.82 -2.30	58.25 1.73 -0.26	66.05 1.80 0.00	70.94 1.84 0.00	81.47 2.31 0.00	95.96 3.05 0.00	83.07 1.48 0.00	90.04 1.05 0.00	75.41 0.61 0.00	59.15 0.60 0.00	46.71 1.01 0.00
AST_ENERGY_2_CC3 323677	38.10 0.81 0.00	35.86 0.77 0.00	33.60 0.68 0.00	31.78 0.62 0.00	31.39 0.59 0.00	44.16 0.56 0.00	45.51 0.92 0.00	51.93 1.28 0.00	43.28 1.33 0.00	41.22 1.26 0.00	44.93 1.42 -0.22	51.33 1.78 -1.45	56.58 1.73 -1.95	61.57 1.71 -2.30	58.03 1.51 -0.26	65.81 1.57 0.00	70.74 1.64 0.00	81.25 2.10 0.00	95.81 2.90 0.00	82.96 1.37 0.00	89.91 0.91 0.00	75.29 0.49 0.00	58.99 0.44 0.00	46.45 0.75 0.00
AST_ENERGY_2_CC4 323678	38.10 0.81 0.00	35.86 0.77 0.00	33.60 0.68 0.00	31.78 0.62 0.00	31.39 0.59 0.00	44.16 0.56 0.00	45.51 0.92 0.00	51.93 1.28 0.00	43.28 1.33 0.00	41.22 1.26 0.00	44.93 1.42 -0.22	51.33 1.78 -1.45	56.58 1.73 -1.95	61.57 1.71 -2.30	58.03 1.51 -0.26	65.81 1.57 0.00	70.74 1.64 0.00	81.25 2.10 0.00	95.81 2.90 0.00	82.96 1.37 0.00	89.91 0.91 0.00	75.29 0.49 0.00	58.99 0.44 0.00	46.45 0.75 0.00

ATHENS_STG_1 23668	37.49 0.20 0.00	35.33 0.24 0.00	33.22 0.30 0.00	31.41 0.26 0.00	31.05 0.25 0.00	43.79 0.20 0.00	44.91 0.31 0.00	51.11 0.46 0.00	42.44 0.49 0.00	40.31 0.35 0.00	43.65 0.27 -0.09	49.07 0.38 -0.59	53.97 0.28 -0.79	58.66 0.17 -0.94	56.45 0.08 -0.11	64.32 0.07 0.00	69.16 0.06 0.00	79.35 0.20 0.00	93.72 0.81 0.00	81.77 0.18 0.00	88.83 -0.16 0.00	74.58 -0.21 0.00	58.36 -0.18 0.00	45.75 0.05 0.00
ATHENS_STG_2 23670	37.49 0.20 0.00	35.33 0.24 0.00	33.22 0.30 0.00	31.41 0.26 0.00	31.05 0.25 0.00	43.79 0.20 0.00	44.91 0.31 0.00	51.11 0.46 0.00	42.44 0.49 0.00	40.31 0.35 0.00	43.65 0.27 -0.09	49.07 0.38 -0.59	53.97 0.28 -0.79	58.66 0.17 -0.94	56.45 0.08 -0.11	64.32 0.07 0.00	69.16 0.06 0.00	79.35 0.20 0.00	93.72 0.81 0.00	81.77 0.18 0.00	88.83 -0.16 0.00	74.58 -0.21 0.00	58.36 -0.18 0.00	45.75 0.05 0.00
ATHENS_STG_3 23677	37.49 0.20 0.00	35.33 0.24 0.00	33.22 0.30 0.00	31.41 0.26 0.00	31.05 0.25 0.00	43.79 0.20 0.00	44.91 0.31 0.00	51.11 0.46 0.00	42.44 0.49 0.00	40.31 0.35 0.00	43.65 0.27 -0.09	49.07 0.38 -0.59	53.97 0.28 -0.79	58.66 0.17 -0.94	56.45 0.08 -0.11	64.32 0.07 0.00	69.16 0.06 0.00	79.35 0.20 0.00	93.72 0.81 0.00	81.77 0.18 0.00	88.83 -0.16 0.00	74.58 -0.21 0.00	58.36 -0.18 0.00	45.75 0.05 0.00
AUBURN____LFGE 323710	37.77 0.48 0.00	35.39 0.30 0.00	33.01 0.08 0.00	31.23 0.07 0.00	30.95 0.15 0.00	43.94 0.34 0.00	44.74 0.15 0.00	50.68 0.02 0.00	41.85 -0.10 0.00	39.89 -0.06 0.00	43.29 -0.01 0.00	48.19 0.09 0.00	53.11 0.21 0.00	57.98 0.43 0.00	56.85 0.59 0.00	65.04 0.79 0.00	70.61 1.09 -0.42	85.68 1.71 -4.82	101.34 2.75 -5.68	83.89 2.29 0.00	91.32 2.18 -0.15	77.16 1.46 -0.90	59.58 1.03 0.00	46.35 0.65 0.00
BABYLON_RES_REC 323704	32.22 0.67 5.74	35.92 0.83 0.00	33.74 0.81 0.00	31.93 0.78 0.00	31.52 0.72 0.00	44.28 0.68 0.00	42.82 0.86 2.63	18.76 0.71 32.60	14.94 0.61 27.62	16.95 0.21 23.21	44.11 0.60 -0.22	44.98 0.39 3.52	45.37 0.24 7.78	46.14 0.13 11.53	38.10 -0.01 18.15	53.09 0.22 11.39	55.90 -0.01 13.19	79.54 0.39 0.00	86.50 0.63 7.04	70.38 -0.46 10.75	72.87 -0.77 15.36	48.91 -0.95 24.94	46.38 -0.74 11.42	43.76 0.23 2.17
BALL_HILL_WT_PWR 323825	38.20 0.92 0.00	35.34 0.24 0.00	32.95 0.03 0.00	31.32 0.16 0.00	30.77 -0.03 0.00	44.16 0.56 0.00	44.26 -0.33 0.00	50.01 -0.64 0.00	41.35 -0.59 0.00	40.45 0.49 0.00	44.84 1.55 0.00	50.39 2.28 0.00	56.21 3.30 0.00	61.51 3.97 0.00	60.59 4.33 0.00	68.83 4.58 0.00	74.07 4.97 0.00	84.69 5.54 0.00	99.40 6.49 0.00	86.30 4.71 0.00	93.52 4.53 0.00	77.94 3.14 0.00	60.85 2.31 0.00	47.05 1.35 0.00
BARON_WINDS____WT_PWR 323822	37.29 0.00 0.00	34.66 -0.43 0.00	32.55 -0.38 0.00	30.88 -0.27 0.00	30.39 -0.41 0.00	43.63 0.03 0.00	44.29 -0.30 0.00	49.97 -0.68 0.00	41.24 -0.71 0.00	39.70 -0.26 0.00	43.48 0.19 0.00	48.55 0.45 0.00	53.67 0.76 0.00	58.63 1.07 0.00	57.44 1.19 0.00	65.49 1.24 0.00	70.97 1.75 -0.12	83.13 2.58 -1.39	98.05 3.49 -1.65	84.22 2.63 0.00	91.64 2.60 -0.04	76.46 1.41 -0.26	59.28 0.74 0.00	46.09 0.39 0.00
BARRETT_IC_1 23704	38.57 0.67 -0.61	35.95 0.86 0.00	33.75 0.82 0.00	31.91 0.76 0.00	31.50 0.70 0.00	44.31 0.71 0.00	45.71 0.84 -0.28	54.71 0.60 -3.46	47.32 0.51 -4.86	46.89 0.46 -6.46	44.55 1.04 -0.22	50.90 1.01 -1.79	56.22 0.88 -2.44	60.97 0.76 -2.65	96.66 0.42 -39.98	81.65 0.59 -16.81	86.29 0.45 -16.74	80.13 0.98 0.00	94.26 1.49 0.14	81.42 0.22 0.40	88.00 -0.31 0.68	75.62 -0.45 -1.26	59.31 -0.31 -1.07	46.12 0.19 -0.23
BARRETT_IC_10 23701	38.57 0.67 -0.61	35.95 0.86 0.00	33.75 0.82 0.00	31.91 0.76 0.00	31.50 0.70 0.00	44.31 0.71 0.00	45.71 0.84 -0.28	54.71 0.60 -3.46	21.60 0.51 20.86	-6.33 0.46 46.76	44.55 1.04 -0.22	50.90 1.01 -1.79	56.22 0.88 -2.44	60.97 0.76 -2.65	-467.55 0.42 524.23	-256.95 0.59 321.79	-128.00 0.45 197.55	80.13 0.98 0.00	94.26 1.49 0.14	81.42 0.22 0.40	88.00 -0.31 0.68	75.62 -0.45 -1.26	59.31 -0.31 -1.07	46.12 0.19 -0.23
BARRETT_IC_11 23702	38.57 0.67 -0.61	35.95 0.86 0.00	33.75 0.82 0.00	31.91 0.76 0.00	31.50 0.70 0.00	44.31 0.71 0.00	45.71 0.84 -0.28	54.71 0.60 -3.46	21.60 0.51 20.86	-6.33 0.46 46.76	44.55 1.04 -0.22	50.90 1.01 -1.79	56.22 0.88 -2.44	60.97 0.76 -2.65	-467.55 0.42 524.23	-256.95 0.59 321.79	-128.00 0.45 197.55	80.13 0.98 0.00	94.26 1.49 0.14	81.42 0.22 0.40	88.00 -0.31 0.68	75.62 -0.45 -1.26	59.31 -0.31 -1.07	46.12 0.19 -0.23
BARRETT_IC_12 23703	38.57 0.67 -0.61	35.95 0.86 0.00	33.75 0.82 0.00	31.91 0.76 0.00	31.50 0.70 0.00	44.31 0.71 0.00	45.71 0.84 -0.28	54.71 0.60 -3.46	21.60 0.51 20.86	-6.33 0.46 46.76	44.55 1.04 -0.22	50.90 1.01 -1.79	56.22 0.88 -2.44	60.97 0.76 -2.65	-467.55 0.42 524.23	-256.95 0.59 321.79	-128.00 0.45 197.55	80.13 0.98 0.00	94.26 1.49 0.14	81.42 0.22 0.40	88.00 -0.31 0.68	75.62 -0.45 -1.26	59.31 -0.31 -1.07	46.12 0.19 -0.23
BARRETT_IC_2 23705	38.57 0.67 -0.61	35.95 0.86 0.00	33.75 0.82 0.00	31.91 0.76 0.00	31.50 0.70 0.00	44.31 0.71 0.00	45.71 0.84 -0.28	54.71 0.60 -3.46	47.32 0.51 -4.86	46.89 0.46 -6.46	44.55 1.04 -0.22	50.90 1.01 -1.79	56.22 0.88 -2.44	60.97 0.76 -2.65	96.66 0.42 -39.98	81.65 0.59 -16.81	86.29 0.45 -16.74	80.13 0.98 0.00	94.26 1.49 0.14	81.42 0.22 0.40	88.00 -0.31 0.68	75.62 -0.45 -1.26	59.31 -0.31 -1.07	46.12 0.19 -0.23
BARRETT_IC_3 23706	38.57 0.67 -0.61	35.95 0.86 0.00	33.75 0.82 0.00	31.91 0.76 0.00	31.50 0.70 0.00	44.31 0.71 0.00	45.71 0.84 -0.28	54.71 0.60 -3.46	47.32 0.51 -4.86	46.89 0.46 -6.46	44.55 1.04 -0.22	50.90 1.01 -1.79	56.22 0.88 -2.44	60.97 0.76 -2.65	96.66 0.42 -39.98	81.65 0.59 -16.81	86.29 0.45 -16.74	80.13 0.98 0.00	94.26 1.49 0.14	81.42 0.22 0.40	88.00 -0.31 0.68	75.62 -0.45 -1.26	59.31 -0.31 -1.07	46.12 0.19 -0.23
BARRETT_IC_4 23707	38.57 0.67 -0.61	35.95 0.86 0.00	33.75 0.82 0.00	31.91 0.76 0.00	31.50 0.70 0.00	44.31 0.71 0.00	45.71 0.84 -0.28	54.71 0.60 -3.46	47.32 0.51 -4.86	46.89 0.46 -6.46	44.55 1.04 -0.22	50.90 1.01 -1.79	56.22 0.88 -2.44	60.97 0.76 -2.65	96.66 0.42 -39.98	81.65 0.59 -16.81	86.29 0.45 -16.74	80.13 0.98 0.00	94.26 1.49 0.14	81.42 0.22 0.40	88.00 -0.31 0.68	75.62 -0.45 -1.26	59.31 -0.31 -1.07	46.12 0.19 -0.23
BARRETT_IC_5 23708	38.57 0.67 -0.61	35.95 0.86 0.00	33.75 0.82 0.00	31.91 0.76 0.00	31.50 0.70 0.00	44.31 0.71 0.00	45.71 0.84 -0.28	54.71 0.60 -3.46	47.32 0.51 -4.86	46.89 0.46 -6.46	44.55 1.04 -0.22	50.90 1.01 -1.79	56.22 0.88 -2.44	60.97 0.76 -2.65	96.66 0.42 -39.98	81.65 0.59 -16.81	86.29 0.45 -16.74	80.13 0.98 0.00	94.26 1.49 0.14	81.42 0.22 0.40	88.00 -0.31 0.68	75.62 -0.45 -1.26	59.31 -0.31 -1.07	46.12 0.19 -0.23

BARRETT_IC_6 23709	38.57 0.67 -0.61	35.95 0.86 0.00	33.75 0.82 0.00	31.91 0.76 0.00	31.50 0.70 0.00	44.31 0.71 0.00	45.71 0.84 -0.28	54.71 0.60 -3.46	47.32 0.51 -4.86	46.89 0.46 -6.46	44.55 1.04 -0.22	50.90 1.01 -1.79	56.22 0.88 -2.44	60.97 0.76 -2.65	96.66 0.42 -39.98	81.65 0.59 -16.81	86.29 0.45 -16.74	80.13 0.98 0.00	94.26 1.49 0.14	81.42 0.22 0.40	88.00 -0.31 0.68	75.62 -0.45 -1.26	59.31 -0.31 -1.07	46.12 0.19 -0.23
BARRETT_IC_7 23710	38.60 0.70 -0.61	35.95 0.86 0.00	33.75 0.82 0.00	31.91 0.76 0.00	31.50 0.70 0.00	44.31 0.71 0.00	45.75 0.88 -0.28	54.77 0.65 -3.46	47.39 0.58 -4.86	46.98 0.56 -6.46	44.55 1.04 -0.22	50.92 1.03 -1.79	56.23 0.88 -2.44	61.00 0.79 -2.65	96.84 0.60 -39.98	81.88 0.82 -16.81	86.39 0.55 -16.74	80.12 0.97 0.00	94.29 1.52 0.14	81.43 0.23 0.40	87.99 -0.31 0.68	75.63 -0.43 -1.26	59.33 -0.28 -1.07	46.12 0.19 -0.23
BARRETT_IC_8 23711	38.57 0.67 -0.61	35.95 0.86 0.00	33.75 0.82 0.00	31.91 0.76 0.00	31.50 0.70 0.00	44.31 0.71 0.00	45.71 0.84 -0.28	54.71 0.60 -3.46	47.32 0.51 -4.86	46.89 0.46 -6.46	44.55 1.04 -0.22	50.90 1.01 -1.79	56.22 0.88 -2.44	60.97 0.76 -2.65	96.66 0.42 -39.98	81.65 0.59 -16.81	86.29 0.45 -16.74	80.13 0.98 0.00	94.26 1.49 0.14	81.42 0.22 0.40	88.00 -0.31 0.68	75.62 -0.45 -1.26	59.31 -0.31 -1.07	46.12 0.19 -0.23
BARRETT_IC_9 23700	38.57 0.67 -0.61	35.95 0.86 0.00	33.75 0.82 0.00	31.91 0.76 0.00	31.50 0.70 0.00	44.31 0.71 0.00	45.71 0.84 -0.28	54.71 0.60 -3.46	21.60 0.51 20.86	-6.33 0.46 46.76	44.55 1.04 -0.22	50.90 1.01 -1.79	56.22 0.88 -2.44	60.97 0.76 -2.65	-467.55 0.42 524.23	-256.95 0.59 321.79	-128.00 0.45 197.55	80.13 0.98 0.00	94.26 1.49 0.14	81.42 0.22 0.40	88.00 -0.31 0.68	75.62 -0.45 -1.26	59.31 -0.31 -1.07	46.12 0.19 -0.23
BARRETT___1 23545	38.57 0.67 -0.61	35.95 0.86 0.00	33.75 0.82 0.00	31.91 0.76 0.00	31.50 0.70 0.00	44.31 0.71 0.00	45.71 0.84 -0.28	54.71 0.60 -3.46	47.32 0.51 -4.86	46.89 0.46 -6.46	44.55 1.04 -0.22	50.90 1.01 -1.79	56.22 0.88 -2.44	60.97 0.76 -2.65	96.66 0.42 -39.98	81.65 0.59 -16.81	86.29 0.45 -16.74	80.13 0.98 0.00	94.26 1.49 0.14	81.42 0.22 0.40	88.00 -0.31 0.68	75.62 -0.45 -1.26	59.31 -0.31 -1.07	46.12 0.19 -0.23
BARRETT___2 23546	38.57 0.67 -0.61	35.95 0.86 0.00	33.75 0.82 0.00	31.91 0.76 0.00	31.50 0.70 0.00	44.31 0.71 0.00	45.71 0.84 -0.28	54.71 0.60 -3.46	21.60 0.51 20.86	-6.33 0.46 46.76	44.55 1.04 -0.22	50.90 1.01 -1.79	56.22 0.88 -2.44	60.97 0.76 -2.65	-467.55 0.42 524.23	-256.95 0.59 321.79	-128.00 0.45 197.55	80.13 0.98 0.00	94.26 1.49 0.14	81.42 0.22 0.40	88.00 -0.31 0.68	75.62 -0.45 -1.26	59.31 -0.31 -1.07	46.12 0.19 -0.23
BATAVIA__115KV_TB1 55881	39.39 2.10 0.00	36.55 1.46 0.00	34.05 1.12 0.00	32.30 1.15 0.00	31.76 0.96 0.00	45.47 1.87 0.00	45.79 1.20 0.00	51.89 1.23 0.00	42.59 0.63 0.00	41.09 1.13 0.00	44.72 1.43 0.00	49.94 1.84 0.00	55.71 2.81 0.00	60.97 3.41 0.00	59.88 3.62 0.00	68.27 4.02 0.00	73.70 4.60 0.00	84.57 5.42 0.00	99.45 6.54 0.00	86.68 5.08 0.00	93.93 4.94 0.00	78.59 3.79 0.00	62.19 3.64 0.00	48.26 2.56 0.00
BAYONEEC___CTG1 323682	38.18 0.89 0.00	35.94 0.85 0.00	33.66 0.74 0.00	31.82 0.66 0.00	31.42 0.62 0.00	44.26 0.66 0.00	45.61 1.01 0.00	52.04 1.39 0.00	43.37 1.42 0.00	41.32 1.36 0.00	45.02 1.51 -0.22	51.43 1.88 -1.45	56.69 1.83 -1.95	61.69 1.83 -2.30	58.15 1.63 -0.26	65.95 1.70 0.00	70.90 1.80 0.00	81.42 2.26 0.00	96.02 3.11 0.00	83.16 1.57 0.00	90.09 1.09 0.00	75.45 0.65 0.00	59.11 0.57 0.00	46.56 0.86 0.00
BAYONEEC___CTG10 323750	38.18 0.89 0.00	35.94 0.85 0.00	33.66 0.74 0.00	31.82 0.66 0.00	31.42 0.62 0.00	44.26 0.66 0.00	45.61 1.01 0.00	52.04 1.39 0.00	43.37 1.42 0.00	41.32 1.36 0.00	45.02 1.51 -0.22	51.43 1.88 -1.45	56.69 1.83 -1.95	61.69 1.83 -2.30	58.15 1.63 -0.26	65.95 1.70 0.00	70.90 1.80 0.00	81.42 2.26 0.00	96.02 3.11 0.00	83.16 1.57 0.00	90.09 1.09 0.00	75.45 0.65 0.00	59.11 0.57 0.00	46.56 0.86 0.00
BAYONEEC___CTG2 323683	38.18 0.89 0.00	35.94 0.85 0.00	33.66 0.74 0.00	31.82 0.66 0.00	31.42 0.62 0.00	44.26 0.66 0.00	45.61 1.01 0.00	52.04 1.39 0.00	43.37 1.42 0.00	41.32 1.36 0.00	45.02 1.51 -0.22	51.43 1.88 -1.45	56.69 1.83 -1.95	61.69 1.83 -2.30	58.15 1.63 -0.26	65.95 1.70 0.00	70.90 1.80 0.00	81.42 2.26 0.00	96.02 3.11 0.00	83.16 1.57 0.00	90.09 1.09 0.00	75.45 0.65 0.00	59.11 0.57 0.00	46.56 0.86 0.00
BAYONEEC___CTG3 323684	38.18 0.89 0.00	35.94 0.85 0.00	33.66 0.74 0.00	31.82 0.66 0.00	31.42 0.62 0.00	44.26 0.66 0.00	45.61 1.01 0.00	52.04 1.39 0.00	43.37 1.42 0.00	41.32 1.36 0.00	45.02 1.51 -0.22	51.43 1.88 -1.45	56.69 1.83 -1.95	61.69 1.83 -2.30	58.15 1.63 -0.26	65.95 1.70 0.00	70.90 1.80 0.00	81.42 2.26 0.00	96.02 3.11 0.00	83.16 1.57 0.00	90.09 1.09 0.00	75.45 0.65 0.00	59.11 0.57 0.00	46.56 0.86 0.00
BAYONEEC___CTG4 323685	38.18 0.89 0.00	35.94 0.85 0.00	33.66 0.74 0.00	31.82 0.66 0.00	31.42 0.62 0.00	44.26 0.66 0.00	45.61 1.01 0.00	52.04 1.39 0.00	43.37 1.42 0.00	41.32 1.36 0.00	45.02 1.51 -0.22	51.43 1.88 -1.45	56.69 1.83 -1.95	61.69 1.83 -2.30	58.15 1.63 -0.26	65.95 1.70 0.00	70.90 1.80 0.00	81.42 2.26 0.00	96.02 3.11 0.00	83.16 1.57 0.00	90.09 1.09 0.00	75.45 0.65 0.00	59.11 0.57 0.00	46.56 0.86 0.00
BAYONEEC___CTG5 323686	38.18 0.89 0.00	35.94 0.85 0.00	33.66 0.74 0.00	31.82 0.66 0.00	31.42 0.62 0.00	44.26 0.66 0.00	45.61 1.01 0.00	52.04 1.39 0.00	43.37 1.42 0.00	41.32 1.36 0.00	45.02 1.51 -0.22	51.43 1.88 -1.45	56.69 1.83 -1.95	61.69 1.83 -2.30	58.15 1.63 -0.26	65.95 1.70 0.00	70.90 1.80 0.00	81.42 2.26 0.00	96.02 3.11 0.00	83.16 1.57 0.00	90.09 1.09 0.00	75.45 0.65 0.00	59.11 0.57 0.00	46.56 0.86 0.00
BAYONEEC___CTG6 323687	38.18 0.89 0.00	35.94 0.85 0.00	33.66 0.74 0.00	31.82 0.66 0.00	31.42 0.62 0.00	44.26 0.66 0.00	45.61 1.01 0.00	52.04 1.39 0.00	43.37 1.42 0.00	41.32 1.36 0.00	45.02 1.51 -0.22	51.43 1.88 -1.45	56.69 1.83 -1.95	61.69 1.83 -2.30	58.15 1.63 -0.26	65.95 1.70 0.00	70.90 1.80 0.00	81.42 2.26 0.00	96.02 3.11 0.00	83.16 1.57 0.00	90.09 1.09 0.00	75.45 0.65 0.00	59.11 0.57 0.00	46.56 0.86 0.00
BAYONEEC___CTG7 323688	38.18 0.89 0.00	35.94 0.85 0.00	33.66 0.74 0.00	31.82 0.66 0.00	31.42 0.62 0.00	44.26 0.66 0.00	45.61 1.01 0.00	52.04 1.39 0.00	43.37 1.42 0.00	41.32 1.36 0.00	45.02 1.51 -0.22	51.43 1.88 -1.45	56.69 1.83 -1.95	61.69 1.83 -2.30	58.15 1.63 -0.26	65.95 1.70 0.00	70.90 1.80 0.00	81.42 2.26 0.00	96.02 3.11 0.00	83.16 1.57 0.00	90.09 1.09 0.00	75.45 0.65 0.00	59.11 0.57 0.00	46.56 0.86 0.00

BAYONEEC___CTG8 323689	38.18 0.89 0.00	35.94 0.85 0.00	33.66 0.74 0.00	31.82 0.66 0.00	31.42 0.62 0.00	44.26 0.66 0.00	45.61 1.01 0.00	52.04 1.39 0.00	43.37 1.42 0.00	41.32 1.36 0.00	45.02 1.51 -0.22	51.43 1.88 -1.45	56.69 1.83 -1.95	61.69 1.83 -2.30	58.15 1.63 -0.26	65.95 1.70 0.00	70.90 1.80 0.00	81.42 2.26 0.00	96.02 3.11 0.00	83.16 1.57 0.00	90.09 1.09 0.00	75.45 0.65 0.00	59.11 0.57 0.00	46.56 0.86 0.00
BAYONEEC___CTG9 323749	38.18 0.89 0.00	35.94 0.85 0.00	33.66 0.74 0.00	31.82 0.66 0.00	31.42 0.62 0.00	44.26 0.66 0.00	45.61 1.01 0.00	52.04 1.39 0.00	43.37 1.42 0.00	41.32 1.36 0.00	45.02 1.51 -0.22	51.43 1.88 -1.45	56.69 1.83 -1.95	61.69 1.83 -2.30	58.15 1.63 -0.26	65.95 1.70 0.00	70.90 1.80 0.00	81.42 2.26 0.00	96.02 3.11 0.00	83.16 1.57 0.00	90.09 1.09 0.00	75.45 0.65 0.00	59.11 0.57 0.00	46.56 0.86 0.00
BEACON___LESR 323632	37.32 0.03 0.00	35.32 0.23 0.00	33.26 0.34 0.00	31.47 0.31 0.00	31.16 0.36 0.00	44.03 0.43 0.00	44.99 0.39 0.00	51.25 0.59 0.00	42.67 0.72 0.00	40.36 0.40 0.00	43.36 0.24 0.17	47.14 0.19 1.15	51.26 -0.10 1.55	55.51 -0.24 1.80	55.74 -0.32 0.20	63.99 -0.26 0.00	68.97 -0.13 0.00	79.15 0.00 0.00	93.80 0.90 0.00	81.90 0.31 0.00	88.87 -0.13 0.00	74.48 -0.32 0.00	58.21 -0.34 0.00	45.56 -0.14 0.00
BEAVER RIVER___HYD 24048	39.32 2.03 0.00	36.66 1.57 0.00	34.44 1.51 0.00	32.51 1.35 0.00	32.16 1.36 0.00	45.77 2.17 0.00	46.77 2.18 0.00	52.90 2.25 0.00	43.63 1.67 0.00	41.34 1.38 0.00	44.76 1.46 0.00	49.59 1.49 0.00	54.44 1.53 0.00	59.38 1.83 0.00	58.13 1.87 0.00	66.39 2.14 0.00	71.70 2.37 -0.23	85.05 3.29 -2.61	100.95 4.96 -3.08	87.14 5.55 0.00	95.96 6.89 -0.08	233.26 5.95 -152.52	112.62 4.37 -49.70	73.46 2.73 -25.02
BEEBEE_GT_13 23619	38.12 0.84 0.00	35.55 0.46 0.00	33.18 0.26 0.00	31.44 0.28 0.00	30.99 0.19 0.00	44.14 0.54 0.00	44.76 0.17 0.00	50.75 0.10 0.00	41.90 -0.06 0.00	40.40 0.44 0.00	44.29 0.99 0.00	49.54 1.44 0.00	55.06 2.16 0.00	60.18 2.63 0.00	59.04 2.78 0.00	67.31 3.06 0.00	72.62 3.52 0.00	83.29 4.14 0.00	97.98 5.07 0.00	85.37 3.78 0.00	92.48 3.49 0.00	77.26 2.46 0.00	60.28 1.74 0.00	46.82 1.12 0.00
BENSHRST_27_KV_BENSHRST_1 355998	38.56 1.27 0.00	36.23 1.14 0.00	33.94 1.02 0.00	32.08 0.93 0.00	31.68 0.87 0.00	44.56 0.96 0.00	46.01 1.42 0.00	52.46 1.80 0.00	43.83 1.88 0.00	41.69 1.73 0.00	45.42 1.91 -0.22	51.94 2.39 -1.45	57.18 2.33 -1.95	62.22 2.37 -2.30	58.85 2.33 -0.26	66.70 2.45 0.00	71.62 2.52 0.00	82.21 3.06 0.00	96.88 3.98 0.00	83.84 2.24 0.00	90.85 1.86 0.00	76.13 1.33 0.00	59.76 1.22 0.00	47.17 1.47 0.00
BETHLEHEM___GRP 23843	36.84 -0.45 0.00	34.81 -0.28 0.00	32.81 -0.12 0.00	31.05 -0.11 0.00	30.74 -0.06 0.00	43.33 -0.27 0.00	44.35 -0.25 0.00	50.46 -0.20 0.00	41.97 0.01 0.00	39.72 -0.24 0.00	42.64 -0.50 0.16	46.43 -0.60 1.08	50.57 -0.88 1.45	54.77 -1.09 1.69	54.94 -1.12 0.19	62.99 -1.26 0.00	67.81 -1.29 0.00	77.83 -1.33 0.00	92.08 -0.83 0.00	80.50 -1.09 0.00	87.46 -1.53 0.00	73.43 -1.36 0.00	57.39 -1.16 0.00	44.94 -0.76 0.00
BETHLEHEM___GS1 323560	36.84 -0.45 0.00	34.81 -0.28 0.00	32.81 -0.12 0.00	31.05 -0.11 0.00	30.74 -0.06 0.00	43.33 -0.27 0.00	44.34 -0.25 0.00	50.46 -0.19 0.00	41.97 0.02 0.00	39.72 -0.24 0.00	42.64 -0.49 0.16	46.43 -0.59 1.08	50.57 -0.88 1.45	54.77 -1.09 1.69	54.92 -1.15 0.19	62.97 -1.28 0.00	67.80 -1.30 0.00	77.83 -1.33 0.00	92.08 -0.83 0.00	80.50 -1.09 0.00	87.46 -1.54 0.00	73.44 -1.36 0.00	57.39 -1.16 0.00	44.94 -0.76 0.00
BETHLEHEM___GS2 323561	36.84 -0.45 0.00	34.81 -0.28 0.00	32.81 -0.12 0.00	31.05 -0.11 0.00	30.74 -0.06 0.00	43.33 -0.27 0.00	44.34 -0.25 0.00	50.46 -0.19 0.00	41.97 0.02 0.00	39.72 -0.24 0.00	42.64 -0.49 0.16	46.43 -0.59 1.08	50.57 -0.88 1.45	54.77 -1.09 1.69	54.92 -1.15 0.19	62.97 -1.28 0.00	67.80 -1.30 0.00	77.83 -1.33 0.00	92.08 -0.83 0.00	80.50 -1.09 0.00	87.46 -1.54 0.00	73.44 -1.36 0.00	57.39 -1.16 0.00	44.94 -0.76 0.00
BETHLEHEM___GS3 323562	36.84 -0.45 0.00	34.81 -0.28 0.00	32.81 -0.12 0.00	31.05 -0.11 0.00	30.74 -0.06 0.00	43.33 -0.27 0.00	44.34 -0.25 0.00	50.46 -0.19 0.00	41.97 0.02 0.00	39.72 -0.24 0.00	42.64 -0.49 0.16	46.43 -0.59 1.08	50.57 -0.88 1.45	54.77 -1.09 1.69	54.92 -1.15 0.19	62.97 -1.28 0.00	67.80 -1.30 0.00	77.83 -1.33 0.00	92.08 -0.83 0.00	80.50 -1.09 0.00	87.46 -1.54 0.00	73.44 -1.36 0.00	57.39 -1.16 0.00	44.94 -0.76 0.00
BETHLEHEM___STEEL 23779	38.66 1.37 0.00	35.80 0.71 0.00	33.36 0.44 0.00	31.69 0.53 0.00	31.11 0.31 0.00	44.59 1.00 0.00	44.66 0.07 0.00	50.47 -0.18 0.00	41.65 -0.30 0.00	40.78 0.82 0.00	45.24 1.95 0.00	50.76 2.66 0.00	56.78 3.87 0.00	62.06 4.51 0.00	60.91 4.65 0.00	69.13 4.88 0.00	74.47 5.37 0.00	85.20 6.05 0.00	99.97 7.06 0.00	86.73 5.13 0.00	93.82 4.82 0.00	78.28 3.48 0.00	61.24 2.70 0.00	47.54 1.84 0.00
BETHLHEM_115KV_TB1 79974	36.94 -0.35 0.00	34.90 -0.19 0.00	32.90 -0.03 0.00	31.13 -0.03 0.00	30.81 0.02 0.00	43.42 -0.18 0.00	44.46 -0.13 0.00	50.59 -0.06 0.00	42.05 0.10 0.00	39.82 -0.14 0.00	42.78 -0.36 0.15	46.64 -0.44 1.02	50.83 -0.71 1.37	55.06 -0.90 1.60	55.14 -0.94 0.18	63.19 -1.06 0.00	68.03 -1.07 0.00	78.07 -1.08 0.00	92.36 -0.55 0.00	80.72 -0.87 0.00	87.72 -1.28 0.00	73.66 -1.14 0.00	57.57 -0.98 0.00	45.08 -0.62 0.00
BETHPAGE_CC_5 323564	32.65 0.59 5.23	35.81 0.72 0.00	33.62 0.69 0.00	31.82 0.66 0.00	31.40 0.60 0.00	44.14 0.54 0.00	42.94 0.74 2.40	21.55 0.61 29.72	17.44 0.62 25.13	19.48 0.59 21.08	44.61 1.10 -0.22	46.07 1.06 3.09	46.98 1.02 6.94	48.16 0.97 10.36	41.38 0.81 15.69	55.22 0.95 9.98	58.09 0.70 11.71	80.15 1.00 0.00	87.90 1.45 6.46	71.92 0.20 9.87	74.57 -0.32 14.10	51.56 -0.45 22.79	47.68 -0.45 10.41	43.85 0.13 1.98
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	38.83 1.54 0.00	35.96 0.87 0.00	33.50 0.57 0.00	31.82 0.66 0.00	31.23 0.43 0.00	44.77 1.16 0.00	44.85 0.26 0.00	50.69 0.03 0.00	41.85 -0.10 0.00	40.99 1.03 0.00	45.48 2.19 0.00	51.04 2.94 0.00	57.10 4.20 0.00	62.43 4.88 0.00	61.31 5.05 0.00	69.60 5.36 0.00	74.99 5.89 0.00	85.75 6.61 0.00	100.60 7.69 0.00	87.25 5.65 0.00	94.39 5.40 0.00	78.72 3.93 0.00	61.56 3.01 0.00	47.78 2.08 0.00
BINGHAMTON___COGEN 23790	37.46 0.17 0.00	35.08 -0.01 0.00	32.88 -0.05 0.00	31.15 -0.01 0.00	30.74 -0.06 0.00	43.72 0.12 0.00	44.64 0.05 0.00	50.58 -0.07 0.00	41.86 -0.09 0.00	40.00 0.04 0.00	43.47 0.18 0.00	48.51 0.40 0.00	53.39 0.49 0.00	58.30 0.75 0.00	57.05 0.79 0.00	65.19 0.94 0.00	70.40 1.09 -0.21	83.06 1.54 -2.36	97.91 2.22 -2.79	83.19 1.60 0.00	90.53 1.46 -0.07	76.11 0.87 -0.44	59.06 0.51 0.00	46.04 0.33 0.00

BIXINCNT_115KV_LOAD 355685	38.50 1.21 0.00	35.75 0.66 0.00	33.31 0.39 0.00	31.65 0.49 0.00	31.05 0.25 0.00	44.49 0.89 0.00	44.83 0.24 0.00	50.68 0.03 0.00	41.81 -0.14 0.00	40.81 0.84 0.00	45.17 1.87 0.00	50.82 2.72 0.00	56.71 3.81 0.00	62.23 4.68 0.00	61.00 4.74 0.00	69.17 4.92 0.00	74.24 5.14 0.00	84.36 5.21 0.00	99.05 6.14 0.00	86.36 4.77 0.00	93.56 4.56 0.00	77.99 3.19 0.00	61.17 2.62 0.00	47.44 1.74 0.00
BLACK RIVER___HYD 24047	39.75 2.46 0.00	36.98 1.89 0.00	34.75 1.82 0.00	32.83 1.68 0.00	32.51 1.71 0.00	46.23 2.63 0.00	47.31 2.72 0.00	53.46 2.81 0.00	44.08 2.13 0.00	41.69 1.73 0.00	45.10 1.81 0.00	49.95 1.85 0.00	54.72 1.81 0.00	59.75 2.19 0.00	58.51 2.25 0.00	66.75 2.49 0.00	72.49 3.01 -0.39	87.81 4.25 -4.41	104.86 6.75 -5.20	89.11 7.52 0.00	98.29 9.16 -0.14	187.99 7.55 -105.64	98.23 5.42 -34.27	66.34 3.39 -17.25
BLACKRVR_115KV_TB2 79977	39.74 2.45 0.00	36.98 1.89 0.00	34.75 1.82 0.00	32.83 1.68 0.00	32.51 1.71 0.00	46.23 2.63 0.00	47.31 2.72 0.00	53.45 2.80 0.00	44.07 2.12 0.00	41.69 1.73 0.00	45.10 1.81 0.00	49.95 1.85 0.00	54.72 1.81 0.00	59.75 2.19 0.00	58.50 2.24 0.00	66.74 2.49 0.00	72.50 3.01 -0.39	87.82 4.26 -4.41	104.86 6.75 -5.20	89.11 7.51 0.00	98.29 9.15 -0.14	187.99 7.55 -105.64	98.23 5.41 -34.27	66.34 3.39 -17.25
BLDWN_LI_69_KV_BK4 356085	35.32 0.95 2.92	36.13 1.03 0.00	33.89 0.96 0.00	32.05 0.90 0.00	31.64 0.84 0.00	44.51 0.91 0.00	44.37 1.12 1.34	35.09 1.03 16.60	29.26 0.95 13.65	29.90 0.91 10.97	44.91 1.39 -0.22	48.42 1.46 1.15	51.16 1.44 3.18	53.87 1.43 5.11	56.44 1.35 1.16	63.27 1.63 2.61	66.95 1.40 3.55	80.91 1.76 0.00	91.48 2.45 3.88	76.72 1.12 5.99	81.21 0.80 8.58	62.09 0.44 13.15	52.94 0.25 5.86	45.16 0.56 1.11
BLISS_WT_PWR 323608	38.50 1.21 0.00	35.75 0.66 0.00	33.31 0.38 0.00	31.65 0.49 0.00	31.05 0.25 0.00	44.49 0.89 0.00	44.84 0.25 0.00	50.70 0.04 0.00	41.84 -0.11 0.00	40.81 0.84 0.00	45.17 1.87 0.00	50.83 2.72 0.00	56.74 3.84 0.00	62.28 4.73 0.00	61.22 4.96 0.00	69.39 5.14 0.00	74.37 5.27 0.00	84.34 5.19 0.00	99.07 6.16 0.00	86.36 4.76 0.00	93.56 4.56 0.00	77.98 3.19 0.00	61.17 2.62 0.00	47.44 1.74 0.00
BLUESTONE___WT_PWR 323821	39.07 1.78 0.00	36.54 1.45 0.00	34.20 1.28 0.00	32.28 1.13 0.00	32.01 1.21 0.00	45.57 1.97 0.00	46.68 2.09 0.00	52.98 2.32 0.00	43.79 1.84 0.00	41.70 1.74 0.00	45.28 1.98 0.00	50.45 2.35 0.00	55.58 2.67 0.00	60.56 3.01 0.00	59.33 3.07 0.00	67.96 3.71 0.00	73.22 3.94 -0.18	86.15 4.96 -2.04	101.90 6.58 -2.41	87.06 5.47 0.00	95.39 6.33 -0.07	79.96 4.78 -0.38	61.70 3.16 0.00	48.01 2.31 0.00
BLUE_CIRC_CHEM_DRP 24182	36.85 -0.44 0.00	35.28 0.20 0.00	33.33 0.40 0.00	31.55 0.39 0.00	31.22 0.42 0.00	44.03 0.43 0.00	45.03 0.44 0.00	51.18 0.53 0.00	42.44 0.49 0.00	40.14 0.18 0.00	43.16 -0.03 0.11	47.20 -0.19 0.71	51.45 -0.50 0.96	55.73 -0.71 1.11	55.40 -0.73 0.12	63.46 -0.79 0.00	68.48 -0.62 0.00	78.44 -0.72 0.00	93.08 0.17 0.00	81.52 -0.07 0.00	88.69 -0.30 0.00	74.49 -0.31 0.00	58.24 -0.30 0.00	45.64 -0.07 0.00
BOC_GAS_DRP 24189	37.17 -0.12 0.00	35.11 0.02 0.00	33.08 0.15 0.00	31.29 0.14 0.00	30.95 0.15 0.00	43.66 0.07 0.00	44.71 0.12 0.00	50.85 0.20 0.00	42.22 0.27 0.00	40.06 0.10 0.00	43.15 -0.05 0.10	47.37 -0.06 0.68	51.74 -0.25 0.92	56.06 -0.43 1.07	55.65 -0.48 0.12	63.69 -0.56 0.00	68.52 -0.58 0.00	78.55 -0.60 0.00	92.84 -0.07 0.00	81.17 -0.42 0.00	88.25 -0.74 0.00	74.12 -0.68 0.00	57.97 -0.57 0.00	45.42 -0.28 0.00
BOONVILLE_115KV_TB1 79983	38.72 1.43 0.00	36.21 1.12 0.00	34.00 1.07 0.00	32.14 0.98 0.00	31.77 0.97 0.00	45.15 1.55 0.00	46.14 1.55 0.00	52.25 1.59 0.00	43.17 1.23 0.00	41.03 1.07 0.00	44.47 1.18 0.00	49.41 1.30 0.00	54.31 1.41 0.00	59.21 1.65 0.00	57.97 1.71 0.00	66.28 2.03 0.00	71.57 2.35 -0.11	83.64 3.20 -1.28	99.04 4.62 -1.51	86.04 4.44 0.00	94.12 5.08 -0.04	136.58 4.15 -57.62	80.27 2.96 -18.76	57.06 1.91 -9.44
BORALEX_4TH_BRANCH 23824	38.42 1.13 0.00	36.41 1.32 0.00	34.38 1.45 0.00	32.47 1.32 0.00	32.15 1.35 0.00	45.43 1.83 0.00	46.26 1.66 0.00	52.52 1.86 0.00	43.54 1.60 0.00	41.10 1.14 0.00	43.43 0.57 0.43	45.68 0.48 2.89	49.29 0.28 3.90	53.22 0.24 4.57	55.88 0.14 0.52	64.41 0.16 0.00	69.14 0.04 0.00	79.80 0.65 0.00	95.06 2.15 0.00	83.10 1.51 0.00	90.36 1.37 0.00	75.93 1.14 0.00	59.25 0.70 0.00	46.39 0.69 0.00
BOWLINE___1 23526	37.93 0.64 0.00	35.74 0.65 0.00	33.50 0.57 0.00	31.66 0.50 0.00	31.26 0.46 0.00	44.10 0.50 0.00	45.39 0.80 0.00	51.77 1.12 0.00	43.02 1.07 0.00	40.91 0.95 0.00	44.55 1.05 -0.20	50.92 1.45 -1.36	56.20 1.47 -1.83	61.23 1.52 -2.17	57.82 1.31 -0.24	65.60 1.35 0.00	70.58 1.48 0.00	81.09 1.93 0.00	95.77 2.86 0.00	83.07 1.48 0.00	90.05 1.05 0.00	75.49 0.69 0.00	59.07 0.53 0.00	46.41 0.71 0.00
BOWLINE___2 23595	37.88 0.59 0.00	35.70 0.61 0.00	33.48 0.55 0.00	31.65 0.49 0.00	31.24 0.44 0.00	44.07 0.47 0.00	45.39 0.80 0.00	51.77 1.11 0.00	43.01 1.07 0.00	40.89 0.93 0.00	44.53 1.03 -0.20	50.88 1.41 -1.36	56.17 1.44 -1.83	61.19 1.48 -2.17	57.80 1.30 -0.24	65.58 1.33 0.00	70.55 1.45 0.00	81.05 1.90 0.00	95.74 2.83 0.00	83.04 1.45 0.00	90.01 1.02 0.00	75.46 0.66 0.00	59.05 0.51 0.00	46.38 0.68 0.00
BRADY___115KV_TB2 356060	38.68 1.39 0.00	36.55 1.47 0.00	34.22 1.30 0.00	32.40 1.24 0.00	32.04 1.24 0.00	45.52 1.92 0.00	46.49 1.90 0.00	52.62 1.96 0.00	43.26 1.32 0.00	41.17 1.21 0.00	44.80 1.51 0.00	49.42 1.32 0.00	54.41 1.51 0.00	59.29 1.74 0.00	57.86 1.60 0.00	65.95 1.70 0.00	70.44 1.34 0.00	80.33 1.18 0.00	93.84 0.93 0.00	83.54 1.94 0.00	91.99 3.00 0.00	563.64 3.61 -485.23	214.26 3.09 -152.62	133.30 2.17 -85.43
BRANSCOMB___SOLAR 323811	38.72 1.44 0.00	36.46 1.37 0.00	34.33 1.41 0.00	32.46 1.30 0.00	32.11 1.32 0.00	45.38 1.78 0.00	46.35 1.75 0.00	52.66 2.01 0.00	43.61 1.67 0.00	41.23 1.27 0.00	43.96 0.89 0.22	47.49 0.86 1.47	51.66 0.74 1.99	56.00 0.76 2.30	56.82 0.82 0.26	65.41 1.16 0.00	70.60 1.50 0.00	81.47 2.32 0.00	97.22 4.31 0.00	85.03 3.44 0.00	92.34 3.35 0.00	77.47 2.67 0.00	60.35 1.81 0.00	47.13 1.43 0.00
BRDGHMPT_69_KV_BK1 55812	31.95 1.19 6.53	36.31 1.22 0.00	34.17 1.24 0.00	32.39 1.23 0.00	31.92 1.12 0.00	44.73 1.13 0.00	42.89 1.30 2.99	14.92 1.37 37.10	11.83 1.34 31.47	14.90 1.43 26.50	45.46 1.95 -0.22	45.95 2.04 4.20	46.00 2.17 9.08	46.60 2.42 13.37	37.22 2.36 21.39	54.58 3.50 13.17	57.27 3.44 15.27	83.63 4.48 0.00	90.36 5.40 7.95	73.02 3.56 12.13	74.80 3.13 17.32	48.50 1.98 28.28	46.68 1.12 12.98	44.32 1.09 2.47



BRENTWOD_69_KV_W. BRTWOOD 56703	31.60 0.71 6.40	35.97 0.87 0.00	33.82 0.90 0.00	32.05 0.89 0.00	31.62 0.82 0.00	44.37 0.77 0.00	42.61 0.96 2.93	15.07 0.78 36.37	11.84 0.72 30.83	14.73 0.70 25.94	44.69 1.18 -0.22	45.07 1.05 4.09	45.02 0.98 8.87	45.44 0.96 13.07	36.61 0.94 20.59	52.98 1.42 12.69	55.08 0.82 14.83	80.47 1.32 0.00	86.71 1.60 7.81	70.26 0.57 11.91	72.10 0.10 17.00	46.70 -0.36 27.74	45.55 -0.27 12.73	43.49 0.21 2.42
BRISTLHL_115KV_TB1 79998	36.75 -0.54 0.00	34.48 -0.61 0.00	32.32 -0.61 0.00	30.58 -0.58 0.00	30.20 -0.59 0.00	42.83 -0.77 0.00	43.78 -0.81 0.00	49.66 -0.99 0.00	41.08 -0.87 0.00	39.18 -0.78 0.00	42.50 -0.79 0.00	47.27 -0.83 0.00	52.05 -0.85 0.00	56.71 -0.84 0.00	55.53 -0.73 0.00	63.48 -0.78 -0.01	69.37 -0.64 -0.92	89.21 -0.38 -10.43	105.16 -0.06 -12.31	81.42 -0.18 0.00	88.91 -0.41 -0.33	80.74 -0.65 -6.60	60.07 -0.70 -2.23	45.28 -0.65 -0.23
BROOKHAVEN___DRP 24191	31.00 0.25 6.54	35.48 0.39 0.00	33.38 0.45 0.00	31.65 0.49 0.00	31.21 0.41 0.00	43.74 0.14 0.00	41.93 0.33 2.99	13.72 0.18 37.12	10.72 0.25 31.48	13.70 0.25 26.51	44.13 0.62 -0.22	44.40 0.50 4.20	44.20 0.39 9.09	44.52 0.34 13.38	35.20 0.34 21.40	51.93 0.87 13.18	54.35 0.53 15.28	80.34 1.19 0.00	86.56 1.61 7.96	69.89 0.44 12.14	71.51 -0.15 17.33	45.82 -0.68 28.30	44.71 -0.85 12.99	42.93 -0.30 2.48
BROOKLYN_NAVY_YARD 23515	38.12 0.83 0.00	35.88 0.79 0.00	33.61 0.69 0.00	31.78 0.62 0.00	31.37 0.57 0.00	44.19 0.59 0.00	45.55 0.96 0.00	51.99 1.34 0.00	43.86 1.37 -0.55	42.38 1.28 -1.13	44.91 1.40 -0.22	51.33 1.78 -1.45	56.57 1.72 -1.95	61.56 1.70 -2.30	70.01 1.50 -12.25	73.01 1.57 -7.19	75.35 1.70 -4.55	81.30 2.14 0.00	95.88 2.97 0.00	83.01 1.42 0.00	89.95 0.96 0.00	75.36 0.56 0.00	59.06 0.52 0.00	46.51 0.81 0.00
BROOKLYN___ARMY_DRP 323595	38.32 1.03 0.00	36.02 0.93 0.00	33.75 0.83 0.00	31.90 0.74 0.00	31.50 0.70 0.00	44.30 0.70 0.00	45.75 1.15 0.00	52.15 1.50 0.00	43.54 1.60 0.00	41.42 1.46 0.00	45.11 1.60 -0.22	51.58 2.03 -1.45	56.76 1.91 -1.95	61.76 1.91 -2.30	58.39 1.87 -0.26	66.19 1.95 0.00	71.07 1.97 0.00	81.58 2.43 0.00	96.14 3.23 0.00	83.22 1.62 0.00	90.18 1.19 0.00	75.59 0.79 0.00	59.35 0.81 0.00	46.86 1.15 0.00
BROOME_2_LFGE 323671	37.46 0.17 0.00	35.08 -0.01 0.00	32.88 -0.05 0.00	31.15 -0.01 0.00	30.74 -0.06 0.00	43.73 0.13 0.00	44.64 0.05 0.00	50.58 -0.07 0.00	41.86 -0.09 0.00	40.00 0.04 0.00	43.48 0.18 0.00	48.51 0.41 0.00	53.39 0.49 0.00	58.30 0.75 0.00	57.07 0.81 0.00	65.21 0.96 0.00	70.41 1.11 -0.21	83.06 1.55 -2.36	97.92 2.22 -2.79	83.19 1.59 0.00	90.53 1.46 -0.07	76.11 0.87 -0.44	59.07 0.52 0.00	46.04 0.33 0.00
BROOME___LFGE 323600	37.46 0.17 0.00	35.08 -0.01 0.00	32.88 -0.05 0.00	31.15 -0.01 0.00	30.74 -0.06 0.00	43.73 0.13 0.00	44.64 0.05 0.00	50.58 -0.07 0.00	41.86 -0.09 0.00	40.00 0.04 0.00	43.48 0.18 0.00	48.51 0.41 0.00	53.39 0.49 0.00	58.30 0.75 0.00	57.07 0.81 0.00	65.21 0.96 0.00	70.41 1.11 -0.21	83.06 1.55 -2.36	97.92 2.22 -2.79	83.19 1.59 0.00	90.53 1.46 -0.07	76.11 0.87 -0.44	59.07 0.52 0.00	46.04 0.33 0.00
BROWNFLS_115KV_TB_3_5 80003	38.75 1.46 0.00	36.45 1.36 0.00	34.17 1.25 0.00	32.31 1.15 0.00	31.96 1.16 0.00	45.44 1.84 0.00	46.43 1.83 0.00	52.58 1.92 0.00	43.33 1.38 0.00	41.22 1.26 0.00	44.74 1.45 0.00	49.47 1.37 0.00	54.38 1.48 0.00	59.30 1.75 0.00	57.99 1.73 0.00	66.18 1.93 0.00	71.05 1.79 -0.16	83.13 2.20 -1.78	97.77 2.76 -2.10	85.08 3.48 0.00	93.67 4.61 -0.06	354.48 4.63 -275.05	152.01 3.66 -89.81	93.26 2.35 -45.21
BROWNSV1_27_KV_LOAD 356125	38.59 1.30 0.00	36.30 1.21 0.00	34.00 1.07 0.00	32.13 0.97 0.00	31.73 0.92 0.00	44.71 1.11 0.00	46.08 1.49 0.00	52.61 1.95 0.00	43.86 1.90 0.00	41.76 1.80 0.00	45.54 2.03 -0.22	52.02 2.47 -1.45	57.37 2.52 -1.95	62.47 2.61 -2.30	58.97 2.45 -0.26	66.84 2.59 0.00	71.84 2.74 0.00	82.46 3.31 0.00	97.21 4.31 0.00	84.21 2.61 0.00	91.22 2.23 0.00	76.40 1.60 0.00	59.82 1.28 0.00	47.07 1.36 0.00
BURROWS___LYONSDAL 23803	38.84 1.55 0.00	36.28 1.19 0.00	34.07 1.14 0.00	32.19 1.03 0.00	31.84 1.04 0.00	45.26 1.67 0.00	46.26 1.66 0.00	52.37 1.71 0.00	43.25 1.30 0.00	41.07 1.11 0.00	44.50 1.21 0.00	49.43 1.33 0.00	54.33 1.42 0.00	59.22 1.66 0.00	57.98 1.72 0.00	66.29 2.04 0.00	71.58 2.35 -0.14	83.94 3.25 -1.54	99.46 4.73 -1.82	86.31 4.72 0.00	94.56 5.52 -0.05	155.62 4.58 -76.25	86.65 3.27 -24.83	60.28 2.08 -12.50
CAITHNESS_CC_1 323624	30.95 0.20 6.54	35.48 0.39 0.00	33.37 0.45 0.00	31.65 0.49 0.00	31.21 0.41 0.00	43.74 0.14 0.00	41.88 0.28 3.00	13.58 0.06 37.14	10.62 0.16 31.49	13.57 0.13 26.52	44.11 0.59 -0.22	44.35 0.45 4.20	44.16 0.35 9.09	44.41 0.24 13.38	34.91 0.07 21.42	51.46 0.40 13.19	54.09 0.28 15.29	80.16 1.01 0.00	86.33 1.38 7.96	69.70 0.25 12.15	71.32 -0.34 17.34	45.67 -0.82 28.31	44.61 -0.94 13.00	42.89 -0.34 2.48
CALPINE BETH_PAGE_GT4 24209	33.28 0.64 4.65	35.84 0.75 0.00	33.63 0.71 0.00	31.82 0.67 0.00	31.41 0.61 0.00	44.17 0.57 0.00	43.26 0.79 2.13	24.90 0.68 26.43	20.35 0.70 22.30	21.99 0.67 18.64	44.63 1.11 -0.22	46.62 1.11 2.60	47.99 1.07 5.99	49.58 1.06 9.02	44.42 1.02 12.85	56.98 1.09 8.36	59.81 0.73 10.02	80.14 0.99 0.00	88.59 1.48 5.79	72.94 0.21 8.87	76.03 -0.28 12.67	54.18 -0.27 20.35	48.96 -0.31 9.27	44.11 0.17 1.76
CALPINE_BETH_PAGE_GT_4 323586	33.26 0.62 4.65	35.84 0.75 0.00	33.63 0.71 0.00	31.82 0.67 0.00	31.41 0.61 0.00	44.17 0.58 0.00	43.23 0.76 2.13	24.87 0.65 26.43	20.30 0.65 22.30	21.93 0.61 18.64	44.62 1.11 -0.22	46.60 1.09 2.60	47.96 1.05 5.99	49.55 1.02 9.02	44.26 0.86 12.85	56.76 0.87 8.36	59.72 0.64 10.02	80.14 0.99 0.00	88.57 1.46 5.79	72.93 0.21 8.87	76.03 -0.29 12.67	54.16 -0.28 20.35	48.94 -0.33 9.27	44.11 0.17 1.76
CALPINE_BP_GT1 23823	33.26 0.62 4.65	35.84 0.75 0.00	33.63 0.71 0.00	31.82 0.67 0.00	31.41 0.61 0.00	44.17 0.58 0.00	43.23 0.76 2.13	24.87 0.65 26.43	20.30 0.65 22.30	21.93 0.61 18.64	44.62 1.11 -0.22	46.60 1.09 2.60	47.96 1.05 5.99	49.55 1.02 9.02	44.26 0.86 12.85	56.76 0.87 8.36	59.72 0.64 10.02	80.14 0.99 0.00	88.57 1.46 5.79	72.93 0.21 8.87	76.03 -0.29 12.67	54.16 -0.28 20.35	48.94 -0.33 9.27	44.11 0.17 1.76
CALSPAN___DRP 24200	38.66 1.37 0.00	35.80 0.71 0.00	33.36 0.44 0.00	31.69 0.53 0.00	31.11 0.31 0.00	44.59 1.00 0.00	44.66 0.07 0.00	50.47 -0.18 0.00	41.65 -0.30 0.00	40.78 0.82 0.00	45.24 1.95 0.00	50.76 2.66 0.00	56.78 3.87 0.00	62.06 4.51 0.00	60.91 4.65 0.00	69.13 4.88 0.00	74.47 5.37 0.00	85.20 6.05 0.00	99.97 7.06 0.00	86.73 5.13 0.00	93.82 4.82 0.00	78.28 3.48 0.00	61.24 2.70 0.00	47.54 1.84 0.00

CALVERTON___SOLAR 323806	31.03 0.28 6.54	35.54 0.45 0.00	33.43 0.51 0.00	31.70 0.54 0.00	31.26 0.46 0.00	43.82 0.22 0.00	41.96 0.36 2.99	13.73 0.18 37.12	10.74 0.27 31.48	13.69 0.24 26.51	44.23 0.71 -0.22	44.50 0.59 4.20	44.34 0.52 9.09	44.64 0.46 13.37	35.15 0.29 21.40	51.81 0.74 13.18	54.52 0.70 15.28	80.68 1.53 0.00	86.98 2.03 7.95	70.25 0.79 12.14	71.85 0.18 17.32	46.08 -0.42 28.29	44.87 -0.68 12.99	43.06 -0.17 2.48
CANDIGU_WT_PWR 323617	37.29 0.00 0.00	34.66 -0.43 0.00	32.55 -0.38 0.00	30.88 -0.27 0.00	30.39 -0.41 0.00	43.63 0.03 0.00	44.29 -0.30 0.00	49.97 -0.68 0.00	41.24 -0.71 0.00	39.70 -0.26 0.00	43.48 0.19 0.00	48.55 0.45 0.00	53.67 0.76 0.00	58.63 1.07 0.00	57.44 1.19 0.00	65.49 1.24 0.00	70.97 1.75 -0.12	83.13 2.58 -1.39	98.05 3.49 -1.65	84.22 2.63 0.00	91.64 2.60 -0.04	76.46 1.41 -0.26	59.28 0.74 0.00	46.09 0.39 0.00
CARR STREET_E_SYR 24060	36.81 -0.48 0.00	34.52 -0.57 0.00	32.34 -0.59 0.00	30.60 -0.56 0.00	30.23 -0.57 0.00	42.87 -0.73 0.00	43.81 -0.78 0.00	49.71 -0.94 0.00	41.13 -0.82 0.00	39.26 -0.70 0.00	42.63 -0.67 0.00	47.48 -0.62 0.00	52.34 -0.56 0.00	57.08 -0.48 0.00	55.89 -0.36 0.00	63.93 -0.32 0.00	69.16 -0.22 -0.28	82.32 0.02 -3.15	97.00 0.37 -3.71	81.72 0.12 0.00	88.95 -0.14 -0.10	78.85 -0.43 -4.49	59.86 -0.55 -1.87	45.38 -0.51 -0.19
CARTHAGE___PAPER 23857	39.76 2.47 0.00	37.02 1.94 0.00	34.78 1.86 0.00	32.85 1.69 0.00	32.50 1.70 0.00	46.27 2.67 0.00	47.32 2.73 0.00	53.49 2.83 0.00	44.07 2.12 0.00	41.68 1.72 0.00	45.08 1.79 0.00	49.91 1.80 0.00	54.71 1.81 0.00	59.72 2.17 0.00	58.48 2.22 0.00	66.76 2.51 0.00	72.34 2.91 -0.33	86.94 4.07 -3.71	103.54 6.25 -4.38	88.56 6.97 0.00	97.67 8.56 -0.12	205.82 7.24 -123.78	104.06 5.27 -40.24	69.31 3.35 -20.26
CASSADAGA_WT_PWR 323784	37.85 0.55 0.00	34.87 -0.22 0.00	32.51 -0.41 0.00	30.89 -0.27 0.00	30.42 -0.38 0.00	43.76 0.16 0.00	43.99 -0.60 0.00	49.83 -0.82 0.00	41.44 -0.50 0.00	40.83 0.87 0.00	45.36 2.07 0.00	51.19 3.08 0.00	57.02 4.11 0.00	62.46 4.91 0.00	61.60 5.34 0.00	70.11 5.87 0.00	75.49 6.39 0.00	86.00 6.85 0.00	100.91 8.01 0.00	87.85 6.26 0.00	95.24 6.25 0.00	78.99 4.20 0.00	61.19 2.65 0.00	46.68 0.97 0.00
CE_DUNWOOD___DRP 24194	38.10 0.81 0.00	35.88 0.79 0.00	33.64 0.71 0.00	31.80 0.64 0.00	31.40 0.60 0.00	44.26 0.66 0.00	45.57 0.98 0.00	51.96 1.31 0.00	43.24 1.29 0.00	41.12 1.16 0.00	44.81 1.30 -0.22	51.20 1.65 -1.44	56.49 1.64 -1.94	61.52 1.67 -2.30	58.05 1.53 -0.26	65.87 1.62 0.00	70.81 1.71 0.00	81.32 2.17 0.00	96.01 3.10 0.00	83.26 1.67 0.00	90.23 1.24 0.00	75.62 0.82 0.00	59.17 0.63 0.00	46.50 0.80 0.00
CE_MILLWOOD___DRP 24193	38.04 0.75 0.00	35.82 0.73 0.00	33.58 0.66 0.00	31.74 0.59 0.00	31.35 0.55 0.00	44.20 0.60 0.00	45.51 0.91 0.00	51.89 1.24 0.00	43.16 1.21 0.00	41.04 1.08 0.00	44.69 1.19 -0.21	51.09 1.55 -1.43	56.38 1.54 -1.93	61.41 1.57 -2.28	57.94 1.43 -0.26	65.74 1.49 0.00	70.68 1.58 0.00	81.19 2.03 0.00	95.86 2.95 0.00	83.15 1.55 0.00	90.13 1.14 0.00	75.54 0.74 0.00	59.11 0.57 0.00	46.45 0.74 0.00
CE_NYC2_DRP 24202	38.28 0.99 0.00	35.98 0.89 0.00	33.74 0.81 0.00	31.89 0.74 0.00	31.49 0.69 0.00	44.26 0.66 0.00	45.71 1.12 0.00	52.16 1.51 0.00	43.53 1.59 0.00	41.44 1.48 0.00	45.15 1.64 -0.22	51.61 2.05 -1.45	56.80 1.95 -1.95	61.77 1.91 -2.30	58.35 1.83 -0.26	66.15 1.91 0.00	71.05 1.95 0.00	81.58 2.43 0.00	96.12 3.21 0.00	83.19 1.60 0.00	90.15 1.16 0.00	75.50 0.71 0.00	59.21 0.66 0.00	46.75 1.05 0.00
CE_NYC_DRP 24195	38.27 0.98 0.00	36.02 0.93 0.00	33.73 0.81 0.00	31.89 0.73 0.00	31.48 0.68 0.00	44.35 0.75 0.00	45.71 1.12 0.00	52.17 1.51 0.00	43.48 1.53 0.00	41.41 1.45 0.00	45.16 1.64 -0.22	51.59 2.04 -1.45	56.88 2.02 -1.95	61.92 2.06 -2.30	58.43 1.91 -0.26	66.22 1.97 0.00	71.17 2.07 0.00	81.66 2.51 0.00	96.29 3.38 0.00	83.39 1.80 0.00	90.36 1.37 0.00	75.68 0.88 0.00	59.28 0.74 0.00	46.66 0.95 0.00
CHAFFEE___LFGE 323603	38.57 1.28 0.00	35.74 0.64 0.00	33.29 0.37 0.00	31.62 0.46 0.00	31.05 0.25 0.00	44.49 0.89 0.00	44.61 0.02 0.00	50.44 -0.22 0.00	41.68 -0.27 0.00	40.73 0.77 0.00	45.18 1.89 0.00	50.67 2.57 0.00	56.62 3.72 0.00	61.79 4.24 0.00	60.83 4.57 0.00	69.03 4.78 0.00	74.47 5.37 0.00	85.02 5.87 0.00	99.83 6.93 0.00	86.65 5.06 0.00	93.74 4.75 0.00	78.22 3.43 0.00	61.15 2.61 0.00	47.45 1.75 0.00
CHATEAUG_35_KV_LOAD 355732	37.55 0.26 0.00	35.54 0.45 0.00	33.29 0.37 0.00	31.49 0.33 0.00	31.12 0.32 0.00	44.17 0.57 0.00	45.19 0.60 0.00	51.26 0.60 0.00	42.37 0.42 0.00	40.47 0.51 0.00	43.98 0.68 0.00	48.61 0.51 0.00	53.44 0.54 0.00	58.14 0.59 0.00	56.83 0.58 0.00	64.82 0.57 0.00	69.54 0.44 0.00	79.12 -0.03 0.00	92.14 -0.77 0.00	81.50 -0.09 0.00	89.41 0.42 0.00	75.59 1.03 0.23	46.60 1.03 12.98	49.70 0.55 -3.44
CHATEAUG_WT_PWR 323614	37.43 0.14 0.00	35.45 0.36 0.00	33.21 0.28 0.00	31.41 0.26 0.00	31.05 0.25 0.00	44.06 0.46 0.00	45.06 0.47 0.00	51.16 0.50 0.00	42.33 0.37 0.00	40.42 0.46 0.00	43.92 0.62 0.00	48.56 0.46 0.00	53.36 0.46 0.00	58.04 0.48 0.00	56.73 0.47 0.00	64.74 0.49 0.00	69.44 0.34 0.00	79.02 -0.13 0.00	92.07 -0.84 0.00	81.25 -0.35 0.00	89.06 0.07 0.00	68.28 0.69 7.21	48.40 0.75 10.90	44.90 0.37 1.18
CHAT_HIGH_FALL_HYD 323578	37.55 0.26 0.00	35.54 0.45 0.00	33.29 0.37 0.00	31.49 0.33 0.00	31.12 0.32 0.00	44.17 0.57 0.00	45.19 0.60 0.00	51.26 0.60 0.00	42.37 0.42 0.00	40.47 0.51 0.00	43.98 0.68 0.00	48.61 0.51 0.00	53.44 0.54 0.00	58.14 0.59 0.00	56.83 0.58 0.00	64.82 0.57 0.00	69.54 0.44 0.00	79.12 -0.03 0.00	92.14 -0.77 0.00	81.50 -0.09 0.00	89.41 0.42 0.00	75.59 1.03 0.23	46.60 1.03 12.98	49.70 0.55 -3.44
CHAUTAUQUA___LFGE 323629	38.14 0.85 0.00	35.21 0.12 0.00	32.84 -0.09 0.00	31.22 0.07 0.00	30.70 -0.10 0.00	44.10 0.51 0.00	44.21 -0.38 0.00	49.95 -0.71 0.00	41.38 -0.56 0.00	40.51 0.55 0.00	44.92 1.63 0.00	50.56 2.46 0.00	56.34 3.44 0.00	61.71 4.16 0.00	60.87 4.61 0.00	69.24 4.99 0.00	74.51 5.41 0.00	85.35 6.20 0.00	100.11 7.20 0.00	87.00 5.40 0.00	94.31 5.32 0.00	78.48 3.68 0.00	61.11 2.56 0.00	47.01 1.31 0.00
CHERRYST_13_KV_LD 356241	38.37 1.08 0.00	36.11 1.02 0.00	33.82 0.90 0.00	31.97 0.81 0.00	31.57 0.77 0.00	44.49 0.89 0.00	45.86 1.26 0.00	52.35 1.69 0.00	43.65 1.70 0.00	41.58 1.62 0.00	45.36 1.85 -0.22	51.82 2.27 -1.45	57.13 2.28 -1.95	62.20 2.34 -2.30	58.71 2.19 -0.26	66.52 2.27 0.00	71.47 2.37 0.00	82.03 2.88 0.00	96.66 3.75 0.00	83.67 2.07 0.00	90.66 1.67 0.00	75.92 1.13 0.00	59.45 0.91 0.00	46.79 1.09 0.00

CHESTROR_138KV_BK263 355645	37.89 0.61 0.00	35.67 0.59 0.00	33.45 0.53 0.00	31.62 0.46 0.00	31.22 0.42 0.00	44.05 0.45 0.00	45.29 0.70 0.00	51.61 0.96 0.00	42.87 0.92 0.00	40.74 0.78 0.00	44.31 0.83 -0.18	50.49 1.15 -1.24	55.73 1.17 -1.66	60.73 1.21 -1.97	57.59 1.11 -0.22	65.39 1.15 0.00	70.34 1.24 0.00	80.83 1.68 0.00	95.48 2.58 0.00	82.98 1.39 0.00	90.02 1.03 0.00	75.50 0.70 0.00	59.04 0.50 0.00	46.31 0.61 0.00
CH_MIDHUDSON___DRP 24192	38.13 0.84 0.00	35.89 0.80 0.00	33.68 0.75 0.00	31.82 0.66 0.00	31.43 0.63 0.00	44.35 0.75 0.00	45.61 1.02 0.00	52.00 1.35 0.00	43.20 1.25 0.00	41.05 1.09 0.00	44.57 1.12 -0.16	50.56 1.42 -1.04	55.78 1.47 -1.41	60.81 1.58 -1.68	57.93 1.48 -0.19	65.90 1.65 0.00	70.88 1.78 0.00	81.47 2.31 0.00	96.27 3.37 0.00	83.62 2.02 0.00	90.62 1.63 0.00	75.92 1.12 0.00	59.33 0.79 0.00	46.53 0.82 0.00
CH_MISC_IPPS 23765	38.37 1.08 0.00	36.10 1.02 0.00	33.85 0.93 0.00	31.98 0.83 0.00	31.59 0.80 0.00	44.59 0.99 0.00	45.86 1.27 0.00	52.31 1.66 0.00	43.50 1.55 0.00	41.36 1.39 0.00	44.96 1.50 -0.17	51.14 1.89 -1.15	56.42 1.97 -1.54	61.47 2.09 -1.82	58.43 1.96 -0.21	66.46 2.21 0.00	71.53 2.44 0.00	82.23 3.08 0.00	97.15 4.24 0.00	84.35 2.76 0.00	91.39 2.40 0.00	76.52 1.72 0.00	59.79 1.24 0.00	46.85 1.15 0.00
CH_RES_BVR_FALLS 23983	37.22 -0.07 0.00	35.00 -0.09 0.00	32.83 -0.10 0.00	31.08 -0.08 0.00	30.76 -0.04 0.00	43.62 0.02 0.00	44.64 0.05 0.00	50.72 0.06 0.00	42.02 0.07 0.00	40.07 0.11 0.00	43.47 0.17 0.00	48.21 0.11 0.00	53.05 0.14 0.00	57.70 0.14 0.00	56.39 0.13 0.00	64.38 0.13 0.00	69.16 0.05 0.00	79.10 -0.05 0.00	92.60 -0.31 0.00	81.44 -0.15 0.00	89.02 0.03 0.00	70.38 0.22 4.64	56.58 0.25 2.22	45.50 0.02 0.23
CH_RES_NIAGARA 23895	37.63 0.34 0.00	34.93 -0.16 0.00	32.55 -0.38 0.00	30.93 -0.22 0.00	30.37 -0.43 0.00	43.42 -0.18 0.00	43.38 -1.21 0.00	49.00 -1.65 0.00	40.37 -1.58 0.00	39.54 -0.42 0.00	43.94 0.64 0.00	49.18 1.08 0.00	55.09 2.18 0.00	60.06 2.50 0.00	58.87 2.61 0.00	66.65 2.40 0.00	71.69 2.59 0.00	81.82 2.67 0.00	95.97 3.07 0.00	83.23 1.64 0.00	90.11 1.12 0.00	75.33 0.53 0.00	59.18 0.64 0.00	46.15 0.45 0.00
CH_RES_SYRACUSE 23985	37.21 -0.08 0.00	34.88 -0.21 0.00	32.66 -0.27 0.00	30.91 -0.25 0.00	30.55 -0.25 0.00	43.34 -0.26 0.00	44.26 -0.34 0.00	50.18 -0.48 0.00	41.51 -0.44 0.00	39.60 -0.36 0.00	42.99 -0.30 0.00	47.86 -0.24 0.00	52.73 -0.18 0.00	57.52 -0.03 0.00	56.37 0.11 0.00	64.50 0.25 0.00	70.02 0.42 -0.50	85.67 0.79 -5.73	101.02 1.35 -6.76	82.58 0.99 0.00	89.96 0.79 -0.18	79.65 0.39 -4.47	60.29 0.12 -1.62	45.85 -0.02 -0.17
CLINTON_WT_PWR 323605	37.43 0.14 0.00	35.45 0.36 0.00	33.21 0.28 0.00	31.41 0.26 0.00	31.05 0.25 0.00	44.06 0.46 0.00	45.06 0.47 0.00	51.16 0.50 0.00	42.33 0.37 0.00	40.42 0.46 0.00	43.92 0.62 0.00	48.56 0.46 0.00	53.36 0.46 0.00	58.04 0.48 0.00	56.73 0.47 0.00	64.74 0.49 0.00	69.44 0.34 0.00	79.02 -0.13 0.00	92.07 -0.84 0.00	81.25 -0.35 0.00	89.06 0.07 0.00	68.28 0.69 7.21	48.40 0.75 10.90	44.90 0.37 1.18
CLINTON___LFGE 323618	37.57 0.28 0.00	35.63 0.54 0.00	33.38 0.45 0.00	31.56 0.41 0.00	31.21 0.40 0.00	44.29 0.69 0.00	45.31 0.72 0.00	51.43 0.77 0.00	42.49 0.53 0.00	40.56 0.60 0.00	44.07 0.78 0.00	48.69 0.59 0.00	53.45 0.54 0.00	58.16 0.61 0.00	56.88 0.62 0.00	64.96 0.71 0.00	69.78 0.68 0.00	79.42 0.27 0.00	92.67 -0.24 0.00	81.91 0.31 0.00	89.63 0.64 0.00	70.46 1.23 5.57	46.87 1.12 12.79	44.87 0.56 1.39
COBBLENY_34_KV_TB1 80064	38.57 1.28 0.00	35.73 0.64 0.00	33.29 0.37 0.00	31.63 0.47 0.00	31.05 0.24 0.00	44.49 0.89 0.00	44.61 0.01 0.00	50.43 -0.22 0.00	41.65 -0.31 0.00	40.74 0.78 0.00	45.18 1.89 0.00	50.67 2.57 0.00	56.60 3.69 0.00	61.78 4.23 0.00	60.63 4.37 0.00	68.83 4.58 0.00	74.36 5.26 0.00	85.04 5.89 0.00	99.80 6.89 0.00	86.65 5.05 0.00	93.75 4.76 0.00	78.21 3.42 0.00	61.15 2.60 0.00	47.46 1.75 0.00
COFFEEN___115KV_TB3 355620	40.06 2.77 0.00	37.27 2.18 0.00	35.01 2.08 0.00	33.07 1.91 0.00	32.76 1.96 0.00	46.60 3.00 0.00	47.70 3.10 0.00	53.87 3.21 0.00	44.37 2.42 0.00	41.93 1.97 0.00	45.33 2.04 0.00	50.20 2.09 0.00	54.89 1.98 0.00	59.93 2.37 0.00	58.69 2.43 0.00	66.90 2.65 0.00	72.72 3.22 -0.40	88.27 4.59 -4.53	105.63 7.37 -5.35	89.87 8.28 0.00	99.29 10.15 -0.14	185.57 8.34 -102.43	97.74 5.99 -33.21	66.22 3.79 -16.72
COLDSPRG_115KV_BK1 355956	38.33 1.04 0.00	35.45 0.36 0.00	33.05 0.12 0.00	31.39 0.23 0.00	30.88 0.09 0.00	44.37 0.77 0.00	44.88 0.29 0.00	50.83 0.18 0.00	42.08 0.13 0.00	41.25 1.29 0.00	45.73 2.44 0.00	51.65 3.54 0.00	57.38 4.47 0.00	63.01 5.46 0.00	61.81 5.55 0.00	70.09 5.84 0.00	75.15 6.05 0.00	85.11 5.96 0.00	99.92 7.01 0.00	87.37 5.78 0.00	94.61 5.62 0.00	78.69 3.89 0.00	61.51 2.97 0.00	47.36 1.66 0.00
COLONIE_LFGE___ 323577	38.04 0.75 0.00	35.90 0.82 0.00	33.83 0.90 0.00	31.97 0.81 0.00	31.64 0.84 0.00	44.67 1.08 0.00	45.63 1.04 0.00	51.88 1.23 0.00	43.03 1.08 0.00	40.73 0.77 0.00	43.48 0.44 0.26	46.81 0.43 1.73	50.91 0.32 2.32	55.14 0.30 2.71	56.18 0.23 0.31	64.58 0.33 0.00	69.53 0.43 0.00	80.03 0.88 0.00	95.00 2.09 0.00	83.04 1.45 0.00	90.20 1.20 0.00	75.75 0.95 0.00	59.13 0.59 0.00	46.24 0.53 0.00
COOPERNY_115KV_TB1 80082	37.71 0.42 0.00	35.48 0.39 0.00	33.27 0.35 0.00	31.45 0.30 0.00	31.07 0.27 0.00	43.87 0.27 0.00	45.03 0.44 0.00	51.28 0.63 0.00	42.55 0.60 0.00	40.49 0.53 0.00	44.00 0.57 -0.13	49.79 0.83 -0.86	54.92 0.86 -1.15	59.80 0.89 -1.36	57.21 0.80 -0.15	65.08 0.83 0.00	70.03 0.93 0.00	80.40 1.25 0.00	94.82 1.92 0.00	82.61 1.01 0.00	89.77 0.77 0.00	75.29 0.49 0.00	58.90 0.36 0.00	46.14 0.44 0.00
COPENHAGEN_WT_PWR 323753	39.35 2.06 0.00	36.59 1.50 0.00	34.39 1.47 0.00	32.52 1.37 0.00	32.20 1.40 0.00	45.73 2.13 0.00	46.82 2.23 0.00	52.93 2.28 0.00	43.72 1.77 0.00	41.40 1.43 0.00	44.81 1.51 0.00	49.67 1.57 0.00	54.44 1.54 0.00	59.43 1.88 0.00	58.21 1.95 0.00	66.40 2.14 0.00	72.12 2.60 -0.42	87.65 3.74 -4.75	104.56 6.04 -5.61	88.34 6.74 0.00	97.34 8.19 -0.15	178.27 6.73 -96.74	94.69 4.81 -31.33	64.39 2.91 -15.78
CORNELL_____ 23752	38.07 0.78 0.00	35.63 0.54 0.00	33.37 0.44 0.00	31.57 0.41 0.00	31.19 0.39 0.00	44.34 0.74 0.00	45.30 0.71 0.00	51.32 0.66 0.00	42.31 0.36 0.00	40.30 0.34 0.00	43.63 0.33 0.00	48.51 0.41 0.00	53.40 0.49 0.00	58.25 0.70 0.00	57.05 0.79 0.00	65.32 1.07 0.00	70.79 1.41 -0.28	84.54 2.20 -3.18	100.22 3.56 -3.76	84.78 3.19 0.00	92.45 3.35 -0.10	77.80 2.41 -0.60	60.15 1.60 0.00	46.78 1.08 0.00

CORONA__69_KV_TB1 355595	38.35 1.06 0.00	36.22 1.13 0.00	33.97 1.04 0.00	32.12 0.97 0.00	31.71 0.91 0.00	44.62 1.02 0.00	45.84 1.24 0.00	51.84 1.19 0.00	44.14 1.08 -1.11	43.28 1.03 -2.30	45.01 1.49 -0.22	51.01 1.60 -1.31	56.02 1.56 -1.55	60.63 1.60 -1.48	82.41 1.55 -24.60	80.65 1.85 -14.54	79.47 1.68 -8.69	81.41 2.26 0.00	95.33 3.07 0.66	81.99 1.53 1.14	88.37 1.08 1.71	74.42 0.64 1.02	58.85 0.41 0.10	46.39 0.69 0.00
CORTLAND__115KV_TB3 80093	37.68 0.39 0.00	35.31 0.22 0.00	33.09 0.16 0.00	31.32 0.16 0.00	30.92 0.12 0.00	43.93 0.33 0.00	44.90 0.31 0.00	50.92 0.27 0.00	42.06 0.12 0.00	40.09 0.13 0.00	43.45 0.15 0.00	48.36 0.26 0.00	53.25 0.35 0.00	58.08 0.52 0.00	56.86 0.60 0.00	65.05 0.80 0.00	70.41 1.02 -0.29	84.04 1.58 -3.30	99.32 2.51 -3.90	83.74 2.14 0.00	91.25 2.15 -0.10	76.88 1.47 -0.62	59.46 0.92 0.00	46.29 0.58 0.00
COXSACKIE__GT 23611	38.54 1.25 0.00	36.42 1.33 0.00	34.36 1.44 0.00	32.50 1.35 0.00	32.19 1.39 0.00	45.50 1.90 0.00	46.59 2.00 0.00	53.14 2.48 0.00	44.06 2.11 0.00	41.51 1.56 0.00	44.43 1.21 0.07	48.72 1.11 0.49	52.84 0.60 0.67	57.43 0.65 0.77	56.76 0.59 0.09	65.00 0.75 0.00	70.29 1.19 0.00	81.23 2.08 0.00	97.14 4.23 0.00	85.50 3.91 0.00	93.10 4.11 0.00	78.08 3.28 0.00	60.71 2.17 0.00	47.28 1.58 0.00
CPV_VALLEY__CC1 323721	37.63 0.34 0.00	35.43 0.34 0.00	33.24 0.31 0.00	31.42 0.26 0.00	31.03 0.23 0.00	43.76 0.16 0.00	44.98 0.38 0.00	51.25 0.60 0.00	42.56 0.61 0.00	40.47 0.51 0.00	44.01 0.55 -0.16	50.02 0.81 -1.10	55.18 0.79 -1.48	60.07 0.77 -1.75	57.11 0.66 -0.20	64.90 0.65 0.00	69.83 0.73 0.00	80.20 1.05 0.00	94.70 1.79 0.00	82.34 0.74 0.00	89.36 0.37 0.00	74.94 0.14 0.00	58.63 0.08 0.00	45.98 0.28 0.00
CPV_VALLEY__CC2 323722	37.63 0.34 0.00	35.43 0.34 0.00	33.24 0.31 0.00	31.42 0.26 0.00	31.03 0.23 0.00	43.76 0.16 0.00	44.98 0.38 0.00	51.25 0.60 0.00	42.56 0.61 0.00	40.47 0.51 0.00	44.01 0.55 -0.16	50.02 0.81 -1.10	55.18 0.79 -1.48	60.07 0.77 -1.75	57.11 0.66 -0.20	64.90 0.65 0.00	69.83 0.73 0.00	80.20 1.05 0.00	94.70 1.79 0.00	82.34 0.74 0.00	89.36 0.37 0.00	74.94 0.14 0.00	58.63 0.08 0.00	45.98 0.28 0.00
CRESCENT__HYD 24018	38.04 0.75 0.00	35.90 0.82 0.00	33.83 0.90 0.00	31.97 0.81 0.00	31.64 0.84 0.00	44.67 1.08 0.00	45.63 1.04 0.00	51.88 1.23 0.00	43.03 1.08 0.00	40.73 0.77 0.00	43.48 0.44 0.26	46.81 0.43 1.73	50.91 0.32 2.32	55.14 0.30 2.71	56.18 0.23 0.31	64.58 0.33 0.00	69.53 0.43 0.00	80.03 0.88 0.00	95.00 2.09 0.00	83.04 1.45 0.00	90.20 1.20 0.00	75.75 0.95 0.00	59.13 0.59 0.00	46.24 0.53 0.00
CRICKET__VALLEY_CC1 323756	37.55 0.26 0.00	35.40 0.31 0.00	33.25 0.33 0.00	31.42 0.26 0.00	31.06 0.26 0.00	43.81 0.21 0.00	45.02 0.43 0.00	51.29 0.63 0.00	42.64 0.70 0.00	40.46 0.50 0.00	40.87 0.35 2.77	30.09 0.49 18.50	28.38 0.38 24.90	28.42 0.26 29.39	53.09 0.15 3.32	64.38 0.13 0.00	69.24 0.14 0.00	79.67 0.52 0.00	94.37 1.45 0.00	82.04 0.45 0.00	88.85 -0.14 0.00	74.50 -0.30 0.00	58.23 -0.32 0.00	45.69 -0.01 0.00
CRICKET__VALLEY_CC2 323757	37.55 0.26 0.00	35.40 0.31 0.00	33.25 0.33 0.00	31.42 0.26 0.00	31.06 0.26 0.00	43.81 0.21 0.00	45.02 0.43 0.00	51.29 0.63 0.00	42.64 0.70 0.00	40.46 0.50 0.00	40.87 0.35 2.77	30.09 0.49 18.50	28.38 0.38 24.90	28.42 0.26 29.39	53.09 0.15 3.32	64.38 0.13 0.00	69.24 0.14 0.00	79.67 0.52 0.00	94.37 1.45 0.00	82.04 0.45 0.00	88.85 -0.14 0.00	74.50 -0.30 0.00	58.23 -0.32 0.00	45.69 -0.01 0.00
CRICKET__VALLEY_CC3 323758	37.55 0.26 0.00	35.40 0.31 0.00	33.25 0.33 0.00	31.42 0.26 0.00	31.06 0.26 0.00	43.81 0.21 0.00	45.02 0.43 0.00	51.29 0.63 0.00	42.64 0.70 0.00	40.46 0.50 0.00	40.87 0.35 2.77	30.09 0.49 18.50	28.38 0.38 24.90	28.42 0.26 29.39	53.09 0.15 3.32	64.38 0.13 0.00	69.24 0.14 0.00	79.67 0.52 0.00	94.37 1.45 0.00	82.04 0.45 0.00	88.85 -0.14 0.00	74.50 -0.30 0.00	58.23 -0.32 0.00	45.69 -0.01 0.00
CRUCIBLE__METL_DRP 24180	37.21 -0.08 0.00	34.89 -0.20 0.00	32.66 -0.27 0.00	30.91 -0.25 0.00	30.55 -0.25 0.00	43.34 -0.26 0.00	44.25 -0.34 0.00	50.17 -0.49 0.00	41.51 -0.44 0.00	39.60 -0.37 0.00	42.99 -0.31 0.00	47.86 -0.24 0.00	52.72 -0.18 0.00	57.51 -0.04 0.00	56.35 0.09 0.00	64.48 0.22 0.00	70.01 0.41 -0.50	85.67 0.79 -5.73	101.02 1.35 -6.76	82.58 0.98 0.00	89.95 0.78 -0.18	79.65 0.39 -4.47	60.29 0.12 -1.62	45.85 -0.02 -0.17
DAHOWA__HYDRO 323763	38.96 1.67 0.00	36.65 1.56 0.00	34.53 1.61 0.00	32.64 1.48 0.00	32.30 1.50 0.00	45.67 2.07 0.00	46.61 2.02 0.00	52.96 2.31 0.00	43.86 1.91 0.00	41.43 1.47 0.00	44.15 1.07 0.21	47.77 1.09 1.42	51.98 0.99 1.91	56.38 1.04 2.21	57.12 1.12 0.25	65.75 1.50 0.00	71.03 1.93 0.00	82.01 2.86 0.00	98.01 5.11 0.00	85.69 4.09 0.00	93.02 4.03 0.00	78.03 3.23 0.00	60.74 2.20 0.00	47.41 1.71 0.00
DANC__LFGE 323619	38.37 1.08 0.00	35.80 0.71 0.00	33.62 0.69 0.00	31.79 0.64 0.00	31.45 0.65 0.00	44.65 1.05 0.00	45.69 1.10 0.00	51.70 1.05 0.00	42.72 0.77 0.00	40.55 0.59 0.00	43.91 0.61 0.00	48.70 0.60 0.00	53.46 0.55 0.00	58.33 0.77 0.00	57.12 0.86 0.00	65.15 0.90 0.00	70.82 1.20 -0.52	87.09 1.99 -5.95	103.46 3.54 -7.02	85.59 3.99 0.00	93.97 4.79 -0.19	144.13 3.85 -65.49	82.33 2.74 -21.05	57.86 1.57 -10.60
DANSKAMMER__1 23586	38.37 1.08 0.00	36.10 1.02 0.00	33.85 0.93 0.00	31.98 0.83 0.00	31.59 0.80 0.00	44.59 0.99 0.00	45.86 1.27 0.00	52.31 1.66 0.00	43.50 1.55 0.00	41.36 1.39 0.00	44.96 1.50 -0.17	51.14 1.89 -1.15	56.42 1.97 -1.54	61.47 2.09 -1.82	58.43 1.96 -0.21	66.46 2.21 0.00	71.53 2.44 0.00	82.23 3.08 0.00	97.15 4.24 0.00	84.35 2.76 0.00	91.39 2.40 0.00	76.52 1.72 0.00	59.79 1.24 0.00	46.85 1.15 0.00
DANSKAMMER__2 23589	38.37 1.08 0.00	36.10 1.02 0.00	33.85 0.93 0.00	31.98 0.83 0.00	31.59 0.80 0.00	44.59 0.99 0.00	45.86 1.27 0.00	52.31 1.66 0.00	43.50 1.55 0.00	41.36 1.39 0.00	44.96 1.50 -0.17	51.14 1.89 -1.15	56.42 1.97 -1.54	61.47 2.09 -1.82	58.43 1.96 -0.21	66.46 2.21 0.00	71.53 2.44 0.00	82.23 3.08 0.00	97.15 4.24 0.00	84.35 2.76 0.00	91.39 2.40 0.00	76.52 1.72 0.00	59.79 1.24 0.00	46.85 1.15 0.00
DANSKAMMER__3 23590	38.37 1.08 0.00	36.10 1.02 0.00	33.85 0.93 0.00	31.98 0.83 0.00	31.59 0.80 0.00	44.59 0.99 0.00	45.86 1.27 0.00	52.31 1.66 0.00	43.50 1.55 0.00	41.36 1.39 0.00	44.96 1.50 -0.17	51.14 1.89 -1.15	56.42 1.97 -1.54	61.47 2.09 -1.82	58.43 1.96 -0.21	66.46 2.21 0.00	71.53 2.44 0.00	82.23 3.08 0.00	97.15 4.24 0.00	84.35 2.76 0.00	91.39 2.40 0.00	76.52 1.72 0.00	59.79 1.24 0.00	46.85 1.15 0.00

DANSKAMMER___4 23591	38.37 1.08 0.00	36.10 1.02 0.00	33.85 0.93 0.00	31.98 0.83 0.00	31.59 0.80 0.00	44.59 0.99 0.00	45.86 1.27 0.00	52.31 1.66 0.00	43.50 1.55 0.00	41.36 1.39 0.00	44.96 1.50 -0.17	51.14 1.89 -1.15	56.42 1.97 -1.54	61.47 2.09 -1.82	58.43 1.96 -0.21	66.46 2.21 0.00	71.53 2.44 0.00	82.23 3.08 0.00	97.15 4.24 0.00	84.35 2.76 0.00	91.39 2.40 0.00	76.52 1.72 0.00	59.79 1.24 0.00	46.85 1.15 0.00
DANSKAMMER___DIESEL 23592	38.37 1.08 0.00	36.10 1.01 0.00	33.85 0.93 0.00	31.98 0.83 0.00	31.59 0.80 0.00	44.59 0.99 0.00	45.87 1.28 0.00	52.31 1.65 0.00	43.50 1.55 0.00	41.35 1.39 0.00	44.97 1.50 -0.17	51.15 1.89 -1.15	56.43 1.98 -1.54	61.48 2.11 -1.82	58.46 2.00 -0.21	66.50 2.25 0.00	71.56 2.46 0.00	82.23 3.08 0.00	97.16 4.25 0.00	84.35 2.76 0.00	91.39 2.40 0.00	76.54 1.74 0.00	59.79 1.24 0.00	46.85 1.15 0.00
DARBY___SOLAR 323810	38.74 1.45 0.00	36.46 1.37 0.00	34.34 1.41 0.00	32.45 1.29 0.00	32.11 1.32 0.00	45.38 1.78 0.00	46.34 1.75 0.00	52.65 2.00 0.00	43.60 1.65 0.00	41.21 1.25 0.00	43.93 0.85 0.22	47.49 0.86 1.47	51.67 0.74 1.98	56.01 0.76 2.30	56.85 0.85 0.26	65.42 1.17 0.00	70.63 1.53 0.00	81.51 2.36 0.00	97.30 4.39 0.00	85.08 3.48 0.00	92.35 3.36 0.00	77.49 2.70 0.00	60.37 1.83 0.00	47.14 1.44 0.00
DASHVILLE___HYD 23610	37.89 0.60 0.00	35.64 0.54 0.00	33.42 0.50 0.00	31.60 0.44 0.00	31.21 0.41 0.00	44.01 0.41 0.00	45.26 0.67 0.00	51.60 0.95 0.00	42.92 0.97 0.00	40.83 0.87 0.00	44.31 0.91 -0.10	50.06 1.27 -0.69	55.07 1.24 -0.92	59.86 1.22 -1.09	57.38 1.00 -0.12	65.29 1.04 0.00	70.34 1.24 0.00	80.68 1.53 0.00	95.36 2.46 0.00	82.95 1.36 0.00	90.00 1.01 0.00	75.45 0.66 0.00	58.99 0.45 0.00	46.23 0.52 0.00
DELAWARE___LFGE 323621	37.91 0.62 0.00	35.61 0.52 0.00	33.42 0.50 0.00	31.61 0.46 0.00	31.23 0.43 0.00	44.18 0.58 0.00	45.27 0.68 0.00	51.48 0.82 0.00	42.67 0.71 0.00	40.63 0.67 0.00	44.07 0.73 -0.04	49.33 0.95 -0.28	54.27 0.99 -0.38	58.82 1.16 -0.12	57.45 1.19 0.00	65.60 1.35 0.00	70.67 1.47 -0.10	82.03 1.74 -1.14	96.66 2.40 -1.35	83.36 1.77 0.00	90.71 1.68 -0.04	76.28 1.27 -0.21	59.49 0.95 0.00	46.49 0.79 0.00
DERFIELD_115KV_TB7 355931	37.29 0.00 0.00	35.08 -0.01 0.00	32.93 0.00 0.00	31.16 0.00 0.00	30.81 0.01 0.00	43.60 0.00 0.00	44.60 0.01 0.00	50.67 0.02 0.00	41.99 0.04 0.00	39.93 -0.03 0.00	43.21 -0.08 0.00	48.03 -0.08 0.00	52.80 -0.11 0.00	57.44 -0.11 0.00	56.15 -0.11 0.00	64.15 -0.10 0.00	69.05 -0.05 0.00	79.17 0.02 0.00	93.24 0.33 0.00	81.76 0.16 0.00	89.06 0.06 0.00	74.77 -0.03 0.00	58.48 -0.06 0.00	45.64 -0.06 0.00
DOGLEVILLE___HYD 23807	38.04 0.75 0.00	35.85 0.76 0.00	33.78 0.85 0.00	31.93 0.77 0.00	31.60 0.80 0.00	44.66 1.06 0.00	45.74 1.15 0.00	51.74 1.09 0.00	42.56 0.61 0.00	39.76 -0.20 0.00	42.36 -0.94 0.00	46.91 -1.19 0.00	51.58 -1.32 0.00	56.36 -1.19 0.00	55.33 -0.92 0.00	63.85 -0.40 0.00	68.82 -0.27 0.00	79.56 0.41 0.00	95.67 2.76 0.00	83.74 2.15 0.00	91.29 2.30 0.00	76.42 1.63 0.00	59.37 0.83 0.00	46.33 0.63 0.00
DUNKIRK__115KV_TB_200 55889	38.16 0.87 0.00	35.24 0.15 0.00	32.86 -0.06 0.00	31.25 0.09 0.00	30.72 -0.08 0.00	44.14 0.54 0.00	44.22 -0.37 0.00	49.93 -0.72 0.00	41.34 -0.61 0.00	40.47 0.51 0.00	44.87 1.57 0.00	50.48 2.37 0.00	56.23 3.33 0.00	61.58 4.03 0.00	60.54 4.28 0.00	68.90 4.65 0.00	74.24 5.14 0.00	85.20 6.04 0.00	99.92 7.01 0.00	86.82 5.22 0.00	94.13 5.14 0.00	78.33 3.54 0.00	61.04 2.50 0.00	47.04 1.33 0.00
DUNKIRK___1 23563	38.16 0.87 0.00	35.24 0.15 0.00	32.86 -0.06 0.00	31.25 0.09 0.00	30.72 -0.08 0.00	44.14 0.54 0.00	44.22 -0.37 0.00	49.93 -0.72 0.00	41.34 -0.61 0.00	40.47 0.51 0.00	44.87 1.57 0.00	50.48 2.37 0.00	56.23 3.33 0.00	61.58 4.03 0.00	60.54 4.28 0.00	68.90 4.65 0.00	74.24 5.14 0.00	85.20 6.04 0.00	99.92 7.01 0.00	86.82 5.22 0.00	94.13 5.14 0.00	78.33 3.54 0.00	61.04 2.50 0.00	47.04 1.33 0.00
DUNKIRK___2 23564	38.16 0.87 0.00	35.24 0.15 0.00	32.86 -0.06 0.00	31.25 0.09 0.00	30.72 -0.08 0.00	44.14 0.54 0.00	44.22 -0.37 0.00	49.93 -0.72 0.00	41.34 -0.61 0.00	40.47 0.51 0.00	44.87 1.57 0.00	50.48 2.37 0.00	56.23 3.33 0.00	61.58 4.03 0.00	60.54 4.28 0.00	68.90 4.65 0.00	74.24 5.14 0.00	85.20 6.04 0.00	99.92 7.01 0.00	86.82 5.22 0.00	94.13 5.14 0.00	78.33 3.54 0.00	61.04 2.50 0.00	47.04 1.33 0.00
DUNKIRK___3 23565	38.19 0.90 0.00	35.31 0.22 0.00	32.92 0.00 0.00	31.30 0.14 0.00	30.76 -0.04 0.00	44.16 0.56 0.00	44.26 -0.33 0.00	50.01 -0.65 0.00	41.35 -0.60 0.00	40.44 0.48 0.00	44.82 1.52 0.00	50.40 2.30 0.00	56.17 3.27 0.00	61.50 3.95 0.00	60.41 4.15 0.00	68.66 4.41 0.00	73.96 4.86 0.00	84.77 5.62 0.00	99.41 6.50 0.00	86.38 4.79 0.00	93.60 4.61 0.00	78.00 3.20 0.00	60.86 2.32 0.00	47.04 1.34 0.00
DUNKIRK___4 23566	38.19 0.90 0.00	35.31 0.22 0.00	32.92 0.00 0.00	31.30 0.14 0.00	30.76 -0.04 0.00	44.16 0.56 0.00	44.26 -0.33 0.00	50.01 -0.65 0.00	41.35 -0.60 0.00	40.44 0.48 0.00	44.82 1.52 0.00	50.40 2.30 0.00	56.17 3.27 0.00	61.50 3.95 0.00	60.41 4.15 0.00	68.66 4.41 0.00	73.96 4.86 0.00	84.77 5.62 0.00	99.41 6.50 0.00	86.38 4.79 0.00	93.60 4.61 0.00	78.00 3.20 0.00	60.86 2.32 0.00	47.04 1.34 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	38.18 0.89 0.00	35.95 0.86 0.00	33.70 0.77 0.00	31.85 0.69 0.00	31.45 0.65 0.00	44.34 0.74 0.00	45.64 1.05 0.00	52.05 1.40 0.00	43.32 1.37 0.00	41.22 1.26 0.00	44.91 1.40 -0.22	51.30 1.75 -1.45	56.61 1.76 -1.95	61.63 1.77 -2.30	58.15 1.63 -0.26	65.98 1.73 0.00	70.91 1.81 0.00	81.44 2.29 0.00	96.12 3.21 0.00	83.34 1.74 0.00	90.29 1.30 0.00	75.68 0.88 0.00	59.22 0.68 0.00	46.56 0.86 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	38.10 0.81 0.00	35.85 0.76 0.00	33.62 0.69 0.00	31.77 0.61 0.00	31.37 0.57 0.00	44.27 0.66 0.00	45.54 0.94 0.00	51.92 1.27 0.00	43.16 1.21 0.00	41.02 1.06 0.00	44.61 1.14 -0.17	50.74 1.49 -1.15	55.98 1.53 -1.54	60.96 1.59 -1.82	57.96 1.49 -0.20	65.89 1.64 0.00	70.89 1.79 0.00	81.45 2.30 0.00	96.24 3.33 0.00	83.61 2.01 0.00	90.65 1.66 0.00	75.98 1.18 0.00	59.38 0.83 0.00	46.57 0.86 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	38.22 0.93 0.00	35.93 0.83 0.00	33.69 0.76 0.00	31.87 0.71 0.00	31.46 0.66 0.00	44.22 0.62 0.00	45.71 1.12 0.00	52.12 1.47 0.00	43.48 1.53 0.00	41.35 1.39 0.00	44.99 1.48 -0.22	51.44 1.89 -1.45	56.63 1.78 -1.95	61.59 1.74 -2.30	58.22 1.70 -0.26	66.10 1.85 0.00	70.97 1.87 0.00	81.48 2.33 0.00	96.02 3.11 0.00	83.17 1.58 0.00	90.23 1.23 0.00	75.58 0.78 0.00	59.27 0.72 0.00	46.80 1.10 0.00

E179THST_13_KV_LOAD 356214	38.44 1.15 0.00	36.12 1.02 0.00	33.86 0.93 0.00	32.04 0.88 0.00	31.62 0.83 0.00	44.45 0.85 0.00	45.96 1.36 0.00	52.41 1.75 0.00	43.72 1.77 0.00	41.59 1.63 0.00	45.27 1.76 -0.22	51.76 2.21 -1.45	56.98 2.13 -1.95	61.99 2.13 -2.30	58.60 2.08 -0.26	66.53 2.28 0.00	71.41 2.31 0.00	82.02 2.87 0.00	96.62 3.71 0.00	83.69 2.09 0.00	90.79 1.80 0.00	76.04 1.25 0.00	59.62 1.08 0.00	47.07 1.37 0.00
EAST HAMPTON___GT 23717	32.44 1.68 6.53	36.79 1.70 0.00	34.66 1.73 0.00	32.87 1.71 0.00	32.35 1.55 0.00	45.31 1.72 0.00	43.37 1.77 2.99	15.47 1.91 37.10	12.32 1.84 31.47	15.40 1.94 26.50	46.07 2.56 -0.22	46.62 2.71 4.20	46.79 2.96 9.08	47.56 3.37 13.37	37.91 3.04 21.39	55.51 4.43 13.17	58.56 4.73 15.27	85.14 5.99 0.00	91.92 6.96 7.95	74.26 4.80 12.13	76.30 4.63 17.32	49.93 3.41 28.28	47.76 2.20 12.98	45.11 1.88 2.47
EAST RIVER___6 23660	38.34 1.05 0.00	36.07 0.98 0.00	33.76 0.83 0.00	31.90 0.75 0.00	31.50 0.69 0.00	44.38 0.78 0.00	45.71 1.12 0.00	52.18 1.53 0.00	43.50 1.55 0.00	41.46 1.50 0.00	45.23 1.72 -0.22	51.68 2.12 -1.45	56.98 2.13 -1.95	62.03 2.18 -2.30	58.51 1.99 -0.26	66.30 2.05 0.00	71.26 2.16 0.00	81.74 2.58 0.00	96.34 3.43 0.00	83.40 1.80 0.00	90.52 1.53 0.00	75.71 0.91 0.00	59.37 0.83 0.00	46.71 1.01 0.00
EAST RIVER___7 23524	38.34 1.05 0.00	36.07 0.98 0.00	33.76 0.83 0.00	31.90 0.75 0.00	31.50 0.69 0.00	44.38 0.78 0.00	45.71 1.12 0.00	52.18 1.53 0.00	43.50 1.55 0.00	41.46 1.50 0.00	45.23 1.72 -0.22	51.68 2.12 -1.45	56.98 2.13 -1.95	62.03 2.18 -2.30	58.51 1.99 -0.26	66.30 2.05 0.00	71.26 2.16 0.00	81.74 2.58 0.00	96.34 3.43 0.00	83.40 1.80 0.00	90.52 1.53 0.00	75.71 0.91 0.00	59.37 0.83 0.00	46.71 1.01 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	38.10 0.81 0.00	35.88 0.79 0.00	33.64 0.71 0.00	31.80 0.64 0.00	31.40 0.60 0.00	44.26 0.66 0.00	45.57 0.98 0.00	51.96 1.31 0.00	43.24 1.29 0.00	41.12 1.16 0.00	44.81 1.30 -0.22	51.20 1.65 -1.44	56.49 1.64 -1.94	61.52 1.67 -2.30	58.05 1.53 -0.26	65.87 1.62 0.00	70.81 1.71 0.00	81.32 2.17 0.00	96.01 3.10 0.00	83.26 1.67 0.00	90.23 1.24 0.00	75.62 0.82 0.00	59.17 0.63 0.00	46.50 0.80 0.00
EAST_HAMPTON___DIESEL 23722	32.44 1.69 6.53	36.79 1.70 0.00	34.67 1.74 0.00	32.88 1.73 0.00	32.35 1.56 0.00	45.31 1.71 0.00	43.36 1.76 2.99	15.46 1.91 37.10	12.31 1.83 31.47	15.40 1.94 26.50	46.07 2.56 -0.22	46.60 2.69 4.20	46.77 2.94 9.08	47.56 3.37 13.37	37.89 3.02 21.39	55.51 4.43 13.17	58.56 4.73 15.27	85.16 6.01 0.00	91.98 7.03 7.95	74.33 4.87 12.13	76.37 4.70 17.32	49.96 3.45 28.28	47.77 2.21 12.98	45.13 1.90 2.47
EAST_POINT___SOLAR 323840	39.56 2.28 0.00	37.03 1.94 0.00	34.64 1.71 0.00	32.72 1.57 0.00	32.32 1.52 0.00	45.90 2.30 0.00	47.05 2.46 0.00	52.77 2.11 0.00	42.59 0.64 0.00	39.90 -0.07 0.00	42.89 -0.25 0.15	46.96 -0.13 1.01	51.79 0.26 1.36	56.11 -0.06 1.39	56.29 0.18 0.15	65.39 1.14 0.00	71.45 2.34 0.00	82.14 2.99 0.00	98.40 5.49 0.00	87.54 5.95 0.00	95.79 6.79 0.00	80.46 5.67 0.00	62.84 4.30 0.00	48.79 3.09 0.00
EAST_PULASKI___ESR 323781	37.40 0.11 0.00	35.04 -0.05 0.00	32.87 -0.05 0.00	31.09 -0.06 0.00	30.74 -0.06 0.00	43.60 0.00 0.00	44.58 -0.01 0.00	50.52 -0.14 0.00	41.75 -0.20 0.00	39.73 -0.23 0.00	43.03 -0.26 0.00	47.71 -0.39 0.00	52.43 -0.47 0.00	57.18 -0.37 0.00	55.98 -0.27 0.00	63.92 -0.33 -0.01	69.70 -0.18 -0.77	88.16 0.24 -8.76	104.34 1.08 -10.34	82.86 1.27 0.00	90.70 1.43 -0.28	110.92 0.96 -35.16	70.10 0.60 -10.96	51.39 0.17 -5.52
EAST_RIVER___1 323558	38.27 0.98 0.00	36.02 0.93 0.00	33.73 0.81 0.00	31.89 0.73 0.00	31.48 0.68 0.00	44.35 0.75 0.00	45.71 1.11 0.00	52.15 1.50 0.00	43.48 1.53 0.00	41.41 1.45 0.00	45.16 1.64 -0.22	51.59 2.04 -1.45	56.87 2.02 -1.95	61.91 2.05 -2.30	58.37 1.85 -0.26	66.17 1.92 0.00	71.13 2.03 0.00	81.66 2.51 0.00	96.29 3.38 0.00	83.39 1.80 0.00	90.36 1.37 0.00	75.68 0.88 0.00	59.27 0.73 0.00	46.66 0.96 0.00
EAST_RIVER___2 323559	38.34 1.05 0.00	36.07 0.98 0.00	33.76 0.83 0.00	31.90 0.75 0.00	31.50 0.69 0.00	44.38 0.78 0.00	45.71 1.12 0.00	52.18 1.53 0.00	43.50 1.55 0.00	41.46 1.50 0.00	45.23 1.72 -0.22	51.68 2.12 -1.45	56.98 2.13 -1.95	62.03 2.18 -2.30	58.51 1.99 -0.26	66.30 2.05 0.00	71.26 2.16 0.00	81.74 2.58 0.00	96.34 3.43 0.00	83.40 1.80 0.00	90.52 1.53 0.00	75.71 0.91 0.00	59.37 0.83 0.00	46.71 1.01 0.00
EAST___DELAWARE_HYD 23607	37.57 0.28 0.00	35.31 0.22 0.00	33.07 0.15 0.00	31.23 0.07 0.00	30.84 0.04 0.00	43.53 -0.07 0.00	44.78 0.19 0.00	51.04 0.38 0.00	42.42 0.46 0.00	40.31 0.35 0.00	43.78 0.35 -0.14	49.56 0.54 -0.91	54.72 0.59 -1.23	59.52 0.52 -1.45	55.51 -0.91 -0.16	63.17 -1.08 0.00	68.22 -0.89 0.00	78.41 -0.74 0.00	92.75 -0.16 0.00	80.98 -0.61 0.00	89.98 0.99 0.00	75.36 0.56 0.00	58.82 0.28 0.00	46.00 0.29 0.00
EIGHT_POINT___WT_PWR 323820	37.48 0.19 0.00	34.99 -0.10 0.00	32.95 0.03 0.00	31.18 0.02 0.00	30.69 -0.11 0.00	44.07 0.47 0.00	44.75 0.15 0.00	50.47 -0.19 0.00	41.66 -0.29 0.00	40.10 0.14 0.00	43.82 0.52 0.00	48.77 0.67 0.00	53.91 1.01 0.00	58.90 1.35 0.00	57.81 1.55 0.00	65.86 1.61 0.00	71.63 2.41 -0.12	84.03 3.49 -1.39	99.25 4.70 -1.64	85.36 3.77 0.00	92.76 3.73 -0.04	77.37 2.32 -0.26	59.90 1.36 0.00	46.42 0.72 0.00
ELBRIDGE_115KV_TB2 80188	37.10 -0.19 0.00	34.78 -0.31 0.00	32.54 -0.39 0.00	30.79 -0.36 0.00	30.46 -0.34 0.00	43.20 -0.40 0.00	44.09 -0.50 0.00	49.95 -0.70 0.00	41.34 -0.62 0.00	39.42 -0.54 0.00	42.80 -0.49 0.00	47.64 -0.46 0.00	52.51 -0.40 0.00	57.27 -0.28 0.00	56.08 -0.18 0.00	64.14 -0.11 0.00	69.67 0.04 -0.53	85.57 0.36 -6.05	100.93 0.88 -7.14	82.18 0.59 0.00	89.53 0.35 -0.19	75.94 0.01 -1.13	58.42 -0.12 0.00	45.51 -0.20 0.00
ELEC_TRO_TEK 24086	37.04 0.78 1.03	35.96 0.87 0.00	33.74 0.81 0.00	31.91 0.75 0.00	31.50 0.70 0.00	44.32 0.72 0.00	45.08 0.96 0.47	45.70 0.88 5.83	38.00 0.85 4.80	36.91 0.81 3.86	44.73 1.22 -0.22	49.83 1.27 -0.45	54.03 1.23 0.10	57.95 1.20 0.80	57.49 1.17 -0.06	65.33 1.40 0.32	68.69 1.17 1.59	80.73 1.58 0.00	93.40 2.26 1.76	79.67 0.86 2.79	85.29 0.34 4.05	69.61 0.06 5.24	56.39 -0.03 2.12	45.66 0.35 0.39
ELLENBURG_WT_PWR 323604	37.43 0.14 0.00	35.45 0.36 0.00	33.21 0.28 0.00	31.41 0.26 0.00	31.05 0.25 0.00	44.06 0.46 0.00	45.06 0.47 0.00	51.16 0.50 0.00	42.33 0.37 0.00	40.42 0.46 0.00	43.92 0.62 0.00	48.56 0.46 0.00	53.36 0.46 0.00	58.04 0.48 0.00	56.73 0.47 0.00	64.74 0.49 0.00	69.44 0.34 0.00	79.02 -0.13 0.00	92.07 -0.84 0.00	81.25 -0.35 0.00	89.06 0.07 0.00	68.28 0.69 7.21	48.40 0.75 10.90	44.90 0.37 1.18

ELM_ST_23_KV_LD_REV_LBMP_A 345012	38.39 1.10 0.00	35.58 0.49 0.00	33.15 0.22 0.00	31.50 0.34 0.00	30.93 0.13 0.00	44.30 0.70 0.00	44.36 -0.23 0.00	50.13 -0.52 0.00	41.36 -0.59 0.00	40.49 0.53 0.00	44.92 1.62 0.00	50.38 2.28 0.00	56.34 3.43 0.00	61.54 3.99 0.00	60.38 4.12 0.00	68.50 4.25 0.00	73.77 4.67 0.00	84.33 5.18 0.00	98.94 6.03 0.00	85.84 4.25 0.00	92.90 3.91 0.00	77.55 2.75 0.00	60.72 2.17 0.00	47.17 1.47 0.00
EMPIRE_CC_1 323656	37.21 -0.08 0.00	35.18 0.09 0.00	33.17 0.25 0.00	31.39 0.23 0.00	31.07 0.27 0.00	43.79 0.19 0.00	44.75 0.15 0.00	50.87 0.21 0.00	42.23 0.28 0.00	39.96 0.00 0.00	42.60 -0.37 0.33	45.46 -0.44 2.21	49.25 -0.69 2.97	53.19 -0.87 3.49	54.84 -1.03 0.39	63.09 -1.16 0.00	67.87 -1.23 0.00	78.05 -1.10 0.00	92.51 -0.40 0.00	80.82 -0.77 0.00	87.76 -1.24 0.00	73.78 -1.02 0.00	57.67 -0.87 0.00	45.20 -0.50 0.00
EMPIRE_CC_2 323658	37.21 -0.08 0.00	35.18 0.09 0.00	33.17 0.25 0.00	31.39 0.23 0.00	31.07 0.27 0.00	43.79 0.19 0.00	44.75 0.15 0.00	50.87 0.21 0.00	42.23 0.28 0.00	39.96 0.00 0.00	42.60 -0.37 0.33	45.46 -0.44 2.21	49.25 -0.69 2.97	53.19 -0.87 3.49	54.84 -1.03 0.39	63.09 -1.16 0.00	67.87 -1.23 0.00	78.05 -1.10 0.00	92.51 -0.40 0.00	80.82 -0.77 0.00	87.76 -1.24 0.00	73.78 -1.02 0.00	57.67 -0.87 0.00	45.20 -0.50 0.00
ENORWICH_115KV_TB1 80156	39.63 2.34 0.00	37.05 1.97 0.00	34.69 1.77 0.00	32.85 1.69 0.00	32.49 1.70 0.00	46.26 2.66 0.00	47.50 2.90 0.00	53.83 3.18 0.00	44.37 2.42 0.00	42.16 2.21 0.00	45.75 2.46 0.00	50.95 2.85 0.00	56.14 3.23 0.00	61.17 3.62 0.00	59.90 3.64 0.00	68.72 4.47 0.00	74.49 5.17 -0.21	88.32 6.75 -2.43	104.73 8.95 -2.86	89.52 7.93 0.00	97.57 8.50 -0.08	81.62 6.37 -0.45	62.94 4.40 0.00	48.78 3.08 0.00
ERIE_ST__34_KV_TB1-2 80199	39.20 1.91 0.00	36.26 1.17 0.00	33.76 0.83 0.00	32.06 0.90 0.00	31.46 0.66 0.00	45.10 1.50 0.00	45.20 0.61 0.00	51.12 0.47 0.00	42.27 0.31 0.00	41.42 1.46 0.00	46.00 2.71 0.00	51.68 3.58 0.00	57.89 4.98 0.00	63.33 5.78 0.00	62.24 5.98 0.00	70.68 6.43 0.00	76.17 7.07 0.00	87.13 7.98 0.00	102.16 9.25 0.00	88.52 6.93 0.00	95.67 6.68 0.00	79.76 4.96 0.00	62.30 3.76 0.00	48.29 2.59 0.00
ERIE_WT_PWR 323693	38.69 1.40 0.00	35.83 0.74 0.00	33.39 0.46 0.00	31.72 0.57 0.00	31.13 0.32 0.00	44.62 1.02 0.00	44.71 0.12 0.00	50.52 -0.13 0.00	41.72 -0.23 0.00	40.81 0.85 0.00	45.27 1.98 0.00	50.79 2.69 0.00	56.80 3.90 0.00	62.11 4.55 0.00	61.16 4.90 0.00	69.38 5.13 0.00	74.65 5.54 0.00	85.24 6.08 0.00	100.07 7.16 0.00	86.79 5.19 0.00	93.88 4.89 0.00	78.37 3.57 0.00	61.25 2.70 0.00	47.58 1.87 0.00
ESPRGFLD_115KV_TB1 80157	38.90 1.61 0.00	36.37 1.27 0.00	33.97 1.05 0.00	32.12 0.96 0.00	31.71 0.91 0.00	45.01 1.41 0.00	46.18 1.59 0.00	52.46 1.81 0.00	43.32 1.37 0.00	41.35 1.39 0.00	44.87 1.53 -0.04	50.23 1.85 -0.28	55.32 2.04 -0.38	59.67 2.58 0.46	58.96 2.80 0.09	67.58 3.33 0.00	72.88 3.78 0.00	83.56 4.41 0.00	98.12 5.21 0.00	86.23 4.64 0.00	93.96 4.97 0.00	78.91 4.11 0.00	61.78 3.24 0.00	48.07 2.36 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	38.00 0.71 0.00	35.57 0.48 0.00	33.31 0.38 0.00	31.52 0.36 0.00	31.14 0.34 0.00	44.26 0.66 0.00	45.22 0.62 0.00	51.23 0.58 0.00	42.25 0.30 0.00	40.25 0.28 0.00	43.59 0.29 0.00	48.47 0.36 0.00	53.35 0.44 0.00	58.20 0.64 0.00	56.99 0.73 0.00	65.26 1.01 0.00	70.72 1.32 -0.29	84.51 2.07 -3.29	100.11 3.32 -3.88	84.55 2.96 0.00	92.16 3.06 -0.10	77.60 2.19 -0.61	59.99 1.44 0.00	46.67 0.97 0.00
ETNA____115KV_TB2 80207	38.00 0.71 0.00	35.57 0.48 0.00	33.31 0.38 0.00	31.52 0.36 0.00	31.14 0.34 0.00	44.26 0.66 0.00	45.22 0.62 0.00	51.23 0.58 0.00	42.25 0.30 0.00	40.25 0.28 0.00	43.59 0.29 0.00	48.47 0.36 0.00	53.35 0.44 0.00	58.20 0.64 0.00	56.99 0.73 0.00	65.26 1.01 0.00	70.72 1.32 -0.29	84.51 2.07 -3.29	100.11 3.32 -3.88	84.55 2.96 0.00	92.16 3.06 -0.10	77.60 2.19 -0.61	59.99 1.44 0.00	46.67 0.97 0.00
EUCLID____115KV_TB2 356179	36.78 -0.51 0.00	34.49 -0.60 0.00	32.33 -0.60 0.00	30.58 -0.57 0.00	30.22 -0.58 0.00	42.85 -0.75 0.00	43.78 -0.81 0.00	49.66 -0.99 0.00	41.09 -0.86 0.00	39.22 -0.74 0.00	42.58 -0.72 0.00	47.41 -0.69 0.00	52.25 -0.66 0.00	56.96 -0.59 0.00	55.75 -0.51 0.00	63.76 -0.50 0.00	68.93 -0.41 -0.24	81.62 -0.21 -2.67	96.15 0.08 -3.16	81.49 -0.10 0.00	88.68 -0.40 -0.08	78.72 -0.61 -4.54	59.85 -0.63 -1.93	45.33 -0.57 -0.20
E_CANADA_CAP_HY 24051	39.17 1.89 0.00	36.66 1.57 0.00	34.24 1.32 0.00	32.37 1.21 0.00	31.96 1.16 0.00	45.38 1.78 0.00	46.53 1.94 0.00	52.72 2.06 0.00	43.16 1.21 0.00	40.91 0.95 0.00	44.35 1.21 0.15	48.61 1.53 1.01	53.49 1.96 1.36	58.32 2.06 1.29	58.24 2.11 0.13	66.96 2.71 0.00	72.48 3.38 0.00	83.08 3.93 0.00	97.97 5.06 0.00	86.49 4.90 0.00	94.39 5.39 0.00	79.45 4.65 0.00	62.22 3.68 0.00	48.38 2.68 0.00
E_CANADA_MHWK_HY 24050	38.04 0.75 0.00	35.85 0.76 0.00	33.78 0.85 0.00	31.93 0.77 0.00	31.60 0.80 0.00	44.66 1.06 0.00	45.74 1.15 0.00	51.74 1.09 0.00	42.56 0.61 0.00	39.76 -0.20 0.00	42.36 -0.94 0.00	46.91 -1.19 0.00	51.58 -1.32 0.00	56.36 -1.19 0.00	55.33 -0.92 0.00	63.84 -0.41 0.00	68.82 -0.28 0.00	79.56 0.41 0.00	95.66 2.75 0.00	83.74 2.15 0.00	91.29 2.30 0.00	76.42 1.63 0.00	59.37 0.83 0.00	46.33 0.62 0.00
E_FISHKILL__LBMP 23776	37.86 0.57 0.00	35.67 0.58 0.00	33.47 0.54 0.00	31.63 0.48 0.00	31.25 0.45 0.00	44.06 0.46 0.00	45.31 0.71 0.00	51.64 0.99 0.00	42.95 1.00 0.00	40.82 0.85 0.00	44.39 0.87 -0.22	50.73 1.14 -1.48	55.98 1.08 -2.00	60.95 1.03 -2.36	57.47 0.94 -0.27	65.22 0.97 0.00	70.12 1.02 0.00	80.56 1.41 0.00	95.20 2.30 0.00	82.71 1.12 0.00	89.66 0.67 0.00	75.18 0.39 0.00	58.82 0.27 0.00	46.18 0.48 0.00
FALCON__SEABRD_CC1 323796	37.23 -0.05 0.00	35.41 0.32 0.00	33.18 0.25 0.00	31.38 0.23 0.00	31.03 0.23 0.00	44.02 0.42 0.00	45.03 0.44 0.00	51.14 0.49 0.00	42.28 0.33 0.00	40.40 0.44 0.00	43.90 0.60 0.00	48.45 0.34 0.00	53.08 0.17 0.00	57.75 0.20 0.00	56.46 0.20 0.00	64.43 0.18 0.00	69.13 0.03 0.00	78.68 -0.47 0.00	91.73 -1.18 0.00	80.96 -0.63 0.00	88.65 -0.35 0.00	68.76 0.40 6.43	47.23 0.48 11.79	44.54 0.12 1.28
FALCON__SEABRD_CC2 323797	37.23 -0.05 0.00	35.41 0.32 0.00	33.18 0.25 0.00	31.38 0.23 0.00	31.03 0.23 0.00	44.02 0.42 0.00	45.03 0.44 0.00	51.14 0.49 0.00	42.28 0.33 0.00	40.40 0.44 0.00	43.90 0.60 0.00	48.45 0.34 0.00	53.08 0.17 0.00	57.75 0.20 0.00	56.46 0.20 0.00	64.43 0.18 0.00	69.13 0.03 0.00	78.68 -0.47 0.00	91.73 -1.18 0.00	80.96 -0.63 0.00	88.65 -0.35 0.00	68.76 0.40 6.43	47.23 0.48 11.79	44.54 0.12 1.28

FAR ROCKAWAY___4 23548	38.67 1.38 0.00	36.51 1.42 0.00	34.24 1.32 0.00	32.37 1.22 0.00	31.96 1.16 0.00	44.98 1.39 0.00	46.20 1.61 0.00	52.25 1.60 0.00	44.57 1.43 -1.20	43.83 1.39 -2.48	45.42 1.91 -0.22	51.50 2.09 -1.30	56.58 2.14 -1.53	61.23 2.24 -1.44	85.02 2.15 -26.61	82.70 2.61 -15.84	81.01 2.51 -9.40	82.31 3.16 0.00	96.35 4.13 0.69	82.79 2.39 1.19	89.18 1.98 1.79	75.09 1.36 1.07	59.37 0.93 0.11	46.77 1.07 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	38.27 0.98 0.00	36.02 0.93 0.00	33.74 0.81 0.00	31.89 0.73 0.00	31.49 0.69 0.00	44.37 0.77 0.00	45.73 1.13 0.00	52.19 1.53 0.00	43.49 1.54 0.00	41.42 1.46 0.00	45.15 1.64 -0.22	51.58 2.03 -1.45	56.86 2.01 -1.95	61.89 2.03 -2.30	58.41 1.89 -0.26	66.22 1.97 0.00	71.17 2.07 0.00	81.69 2.54 0.00	96.34 3.43 0.00	83.42 1.83 0.00	90.37 1.38 0.00	75.70 0.90 0.00	59.28 0.74 0.00	46.67 0.97 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	38.28 0.99 0.00	36.03 0.94 0.00	33.75 0.82 0.00	31.90 0.74 0.00	31.50 0.70 0.00	44.37 0.77 0.00	45.73 1.14 0.00	52.19 1.53 0.00	43.49 1.54 0.00	41.42 1.46 0.00	45.15 1.64 -0.22	51.57 2.02 -1.45	56.85 2.00 -1.95	61.89 2.03 -2.30	58.41 1.89 -0.26	66.22 1.97 0.00	71.17 2.07 0.00	81.70 2.55 0.00	96.35 3.44 0.00	83.42 1.83 0.00	90.39 1.40 0.00	75.71 0.91 0.00	59.30 0.76 0.00	46.69 0.98 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	38.24 0.95 0.00	35.99 0.90 0.00	33.72 0.79 0.00	31.87 0.71 0.00	31.47 0.67 0.00	44.33 0.73 0.00	45.69 1.10 0.00	52.15 1.49 0.00	43.47 1.51 0.00	41.39 1.43 0.00	45.11 1.60 -0.22	51.54 1.99 -1.45	56.81 1.96 -1.95	61.85 2.00 -2.30	58.36 1.84 -0.26	66.17 1.92 0.00	71.11 2.00 0.00	81.63 2.48 0.00	96.27 3.36 0.00	83.34 1.75 0.00	90.30 1.31 0.00	75.63 0.84 0.00	59.23 0.69 0.00	46.63 0.93 0.00
FARRAGUT___LBMP 323566	38.22 0.93 0.00	35.97 0.87 0.00	33.70 0.77 0.00	31.85 0.69 0.00	31.45 0.65 0.00	44.30 0.70 0.00	45.65 1.06 0.00	52.10 1.44 0.00	43.42 1.47 0.00	41.34 1.38 0.00	45.06 1.55 -0.22	51.48 1.93 -1.45	56.75 1.90 -1.95	61.77 1.91 -2.30	58.29 1.77 -0.26	66.09 1.84 0.00	71.03 1.93 0.00	81.53 2.38 0.00	96.16 3.25 0.00	83.26 1.67 0.00	90.22 1.22 0.00	75.57 0.77 0.00	59.18 0.64 0.00	46.61 0.90 0.00
FENNER___WINDPWR 24204	38.09 0.80 0.00	35.69 0.60 0.00	33.49 0.56 0.00	31.70 0.54 0.00	31.29 0.49 0.00	44.46 0.86 0.00	45.49 0.89 0.00	51.63 0.97 0.00	42.67 0.72 0.00	40.60 0.64 0.00	43.94 0.64 0.00	48.85 0.75 0.00	53.77 0.87 0.00	58.63 1.08 0.00	57.48 1.23 0.00	65.74 1.49 0.00	71.07 1.75 -0.22	84.12 2.44 -2.53	99.46 3.57 -2.98	84.77 3.17 0.00	92.47 3.39 -0.08	93.87 2.57 -16.50	65.53 1.75 -5.24	49.47 1.13 -2.64
FIBERTEK___ENERGY 23856	37.21 -0.08 0.00	34.89 -0.20 0.00	32.66 -0.27 0.00	30.91 -0.25 0.00	30.55 -0.25 0.00	43.34 -0.26 0.00	44.25 -0.34 0.00	50.17 -0.49 0.00	41.51 -0.44 0.00	39.60 -0.37 0.00	42.99 -0.31 0.00	47.86 -0.24 0.00	52.72 -0.18 0.00	57.51 -0.04 0.00	56.35 0.09 0.00	64.48 0.22 0.00	70.01 0.41 -0.50	85.67 0.79 -5.73	101.02 1.35 -6.76	82.58 0.98 0.00	89.95 0.78 -0.18	79.65 0.39 -4.47	60.29 0.12 -1.62	45.85 -0.02 -0.17
FITZPATRICK___ 23598	36.23 -1.05 0.00	34.02 -1.07 0.00	31.89 -1.04 0.00	30.18 -0.98 0.00	29.82 -0.98 0.00	42.25 -1.34 0.00	43.17 -1.42 0.00	48.99 -1.66 0.00	40.52 -1.43 0.00	38.65 -1.30 0.00	41.94 -1.36 0.00	46.65 -1.45 0.00	51.37 -1.53 0.00	55.97 -1.58 0.00	54.79 -1.47 0.00	62.58 -1.64 0.02	64.57 -1.69 2.83	45.15 -1.78 32.23	53.06 -1.81 38.04	79.91 -1.68 0.00	85.93 -2.04 1.03	66.86 -1.92 6.02	56.96 -1.59 0.00	44.42 -1.28 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	38.45 1.16 0.00	36.16 1.07 0.00	33.91 0.99 0.00	32.04 0.89 0.00	31.65 0.85 0.00	44.67 1.07 0.00	45.95 1.36 0.00	52.41 1.76 0.00	43.58 1.64 0.00	41.43 1.47 0.00	45.06 1.59 -0.18	51.27 1.99 -1.17	56.58 2.09 -1.58	61.67 2.25 -1.87	58.62 2.15 -0.21	66.67 2.42 0.00	71.74 2.64 0.00	82.46 3.31 0.00	97.41 4.50 0.00	84.55 2.96 0.00	91.60 2.61 0.00	76.70 1.91 0.00	59.90 1.36 0.00	46.94 1.24 0.00
FORT ORANGE___ 23900	37.21 -0.08 0.00	35.18 0.09 0.00	33.17 0.24 0.00	31.39 0.23 0.00	31.07 0.27 0.00	43.82 0.22 0.00	44.86 0.27 0.00	51.04 0.39 0.00	42.41 0.46 0.00	40.12 0.16 0.00	43.03 -0.10 0.16	46.83 -0.19 1.08	50.92 -0.54 1.45	55.13 -0.73 1.69	55.27 -0.80 0.19	63.39 -0.87 0.00	68.33 -0.77 0.00	78.46 -0.69 0.00	93.01 0.10 0.00	81.46 -0.13 0.00	88.59 -0.40 0.00	74.38 -0.42 0.00	58.06 -0.48 0.00	45.45 -0.26 0.00
FORT_DRUM_COGEN 23780	39.74 2.45 0.00	36.97 1.88 0.00	34.73 1.80 0.00	32.82 1.67 0.00	32.49 1.69 0.00	46.22 2.62 0.00	47.29 2.70 0.00	53.44 2.79 0.00	44.07 2.12 0.00	41.69 1.73 0.00	45.10 1.81 0.00	49.95 1.85 0.00	54.73 1.83 0.00	59.76 2.21 0.00	58.52 2.26 0.00	66.76 2.51 0.00	72.49 3.01 -0.38	87.67 4.24 -4.28	104.66 6.70 -5.05	89.02 7.43 0.00	98.20 9.07 -0.14	191.31 7.47 -109.03	99.30 5.38 -35.38	66.88 3.36 -17.81
FOX_HILLS___ESR 323835	38.15 0.86 0.00	35.89 0.80 0.00	33.63 0.70 0.00	31.79 0.63 0.00	31.39 0.59 0.00	44.14 0.54 0.00	45.56 0.97 0.00	51.88 1.23 0.00	43.36 1.41 0.00	41.21 1.26 0.00	44.87 1.36 -0.22	51.32 1.77 -1.45	56.46 1.60 -1.95	61.48 1.62 -2.30	58.13 1.61 -0.26	65.88 1.63 0.00	70.76 1.66 0.00	81.20 2.05 0.00	95.79 2.89 0.00	82.91 1.32 0.00	89.88 0.89 0.00	75.34 0.54 0.00	59.17 0.63 0.00	46.78 1.08 0.00
FPL_FAR_ROCK_GT1 24212	38.65 1.36 0.00	36.51 1.42 0.00	34.24 1.32 0.00	32.37 1.22 0.00	31.96 1.16 0.00	44.98 1.39 0.00	46.19 1.59 0.00	52.22 1.57 0.00	44.53 1.38 -1.20	43.76 1.32 -2.48	45.42 1.91 -0.22	51.47 2.07 -1.30	56.58 2.14 -1.53	61.21 2.22 -1.44	84.88 2.01 -26.61	82.49 2.41 -15.84	80.92 2.42 -9.40	82.31 3.16 0.00	96.34 4.12 0.69	82.78 2.37 1.19	89.17 1.97 1.79	75.07 1.34 1.07	59.35 0.91 0.11	46.77 1.06 0.00
FPL_FAR_ROCK_GT2 23815	38.65 1.36 0.00	36.51 1.42 0.00	34.24 1.32 0.00	32.37 1.22 0.00	31.96 1.16 0.00	44.98 1.39 0.00	46.19 1.59 0.00	52.22 1.57 0.00	44.53 1.38 -1.20	43.76 1.32 -2.48	45.42 1.91 -0.22	51.47 2.07 -1.30	56.58 2.14 -1.53	61.21 2.22 -1.44	84.88 2.01 -26.61	82.49 2.41 -15.84	80.92 2.42 -9.40	82.31 3.16 0.00	96.34 4.12 0.69	82.78 2.37 1.19	89.17 1.97 1.79	75.07 1.34 1.07	59.35 0.91 0.11	46.77 1.06 0.00
FRANKLIN_FALL_HYD 24054	38.18 0.90 0.00	36.10 1.01 0.00	33.79 0.86 0.00	31.96 0.81 0.00	31.60 0.80 0.00	44.87 1.28 0.00	45.92 1.33 0.00	52.14 1.48 0.00	43.07 1.12 0.00	41.15 1.19 0.00	44.73 1.43 0.00	49.45 1.35 0.00	54.36 1.45 0.00	59.18 1.63 0.00	57.92 1.66 0.00	66.02 1.77 0.00	70.63 1.53 0.00	80.61 1.45 0.00	93.96 1.05 0.00	83.13 1.53 0.00	91.09 2.09 0.00	433.57 2.66 -356.11	206.08 2.28 -145.25	79.01 1.41 -31.90



FREEPORT_EQUS_GT1 23764	34.84 0.91 3.36	36.10 1.01 0.00	33.85 0.93 0.00	32.02 0.87 0.00	31.62 0.82 0.00	44.47 0.87 0.00	44.13 1.08 1.54	32.59 1.01 19.07	27.20 0.94 15.69	28.22 0.87 12.61	44.92 1.41 -0.22	48.05 1.46 1.51	50.48 1.45 3.88	52.94 1.46 6.07	56.75 1.27 0.78	64.02 1.50 1.73	66.46 1.34 3.98	80.89 1.74 0.00	90.96 2.39 4.34	76.00 1.08 6.68	80.24 0.81 9.56	60.30 0.44 14.93	52.07 0.24 6.71	44.99 0.56 1.27
FREEPORT___CT2 23818	34.84 0.91 3.36	36.10 1.01 0.00	33.85 0.93 0.00	32.02 0.87 0.00	31.62 0.82 0.00	44.47 0.87 0.00	44.13 1.08 1.54	32.59 1.01 19.07	27.20 0.94 15.69	28.22 0.87 12.61	44.92 1.41 -0.22	48.05 1.46 1.51	50.48 1.45 3.88	52.94 1.46 6.07	56.75 1.27 0.78	64.02 1.50 1.73	66.46 1.34 3.98	80.89 1.74 0.00	90.96 2.39 4.34	76.00 1.08 6.68	80.24 0.81 9.56	60.30 0.44 14.93	52.07 0.24 6.71	44.99 0.56 1.27
FRESHKLS_33_KV_LOAD 356253	38.11 0.82 0.00	35.87 0.78 0.00	33.63 0.70 0.00	31.78 0.63 0.00	31.39 0.58 0.00	44.12 0.52 0.00	45.56 0.96 0.00	51.80 1.15 0.00	43.32 1.37 0.00	41.16 1.20 0.00	44.78 1.27 -0.22	51.20 1.64 -1.45	56.34 1.48 -1.95	61.37 1.52 -2.30	58.05 1.53 -0.26	65.80 1.55 0.00	70.72 1.62 0.00	81.15 2.00 0.00	95.77 2.87 0.00	82.93 1.34 0.00	89.93 0.94 0.00	75.39 0.59 0.00	59.20 0.66 0.00	46.86 1.15 0.00
FULTON COGEN____ 23766	36.75 -0.54 0.00	34.48 -0.61 0.00	32.32 -0.61 0.00	30.58 -0.58 0.00	30.20 -0.59 0.00	42.83 -0.77 0.00	43.78 -0.81 0.00	49.66 -0.99 0.00	41.08 -0.87 0.00	39.18 -0.78 0.00	42.50 -0.79 0.00	47.27 -0.83 0.00	52.05 -0.85 0.00	56.71 -0.84 0.00	55.53 -0.73 0.00	63.48 -0.78 -0.01	69.37 -0.64 -0.92	89.21 -0.38 -10.43	105.16 -0.06 -12.31	81.42 -0.18 0.00	88.91 -0.41 -0.33	80.74 -0.65 -6.60	60.07 -0.70 -2.23	45.28 -0.65 -0.23
FULTON___LFGE 323630	39.28 1.99 0.00	36.81 1.72 0.00	34.45 1.53 0.00	32.56 1.40 0.00	32.16 1.36 0.00	45.61 2.01 0.00	46.77 2.18 0.00	52.99 2.34 0.00	43.32 1.37 0.00	40.64 0.68 0.00	43.66 0.52 0.15	47.71 0.62 1.01	52.25 0.71 1.36	56.92 0.78 1.41	56.99 0.88 0.15	66.05 1.80 0.00	71.79 2.69 0.00	82.40 3.25 0.00	98.18 5.27 0.00	86.74 5.14 0.00	94.72 5.72 0.00	79.58 4.78 0.00	62.16 3.61 0.00	48.34 2.64 0.00
G.F.CEMENT___DRP 24184	39.26 1.97 0.00	36.85 1.76 0.00	34.73 1.81 0.00	32.83 1.67 0.00	32.50 1.70 0.00	45.92 2.32 0.00	46.83 2.24 0.00	53.24 2.59 0.00	44.07 2.12 0.00	41.59 1.63 0.00	44.24 1.14 0.20	48.08 1.30 1.33	52.41 1.29 1.78	56.83 1.34 2.06	57.51 1.49 0.23	66.19 1.94 0.00	71.55 2.45 0.00	82.71 3.56 0.00	99.13 6.22 0.00	86.60 5.01 0.00	93.90 4.91 0.00	78.73 3.93 0.00	61.23 2.69 0.00	47.77 2.07 0.00
GARDENVILLE___LBMP 24039	38.46 1.17 0.00	35.62 0.53 0.00	33.20 0.28 0.00	31.54 0.39 0.00	30.97 0.17 0.00	44.38 0.79 0.00	44.46 -0.13 0.00	50.25 -0.41 0.00	41.47 -0.48 0.00	40.57 0.61 0.00	45.00 1.71 0.00	50.48 2.38 0.00	56.45 3.54 0.00	61.67 4.12 0.00	60.54 4.28 0.00	68.71 4.46 0.00	74.02 4.92 0.00	84.66 5.51 0.00	99.34 6.43 0.00	86.24 4.64 0.00	93.34 4.34 0.00	77.89 3.09 0.00	60.91 2.37 0.00	47.30 1.59 0.00
GARDNVLA_35_KV_LD 355827	38.77 1.49 0.00	35.90 0.81 0.00	33.45 0.52 0.00	31.79 0.63 0.00	31.19 0.39 0.00	44.69 1.09 0.00	44.76 0.17 0.00	50.59 -0.06 0.00	41.77 -0.18 0.00	40.91 0.95 0.00	45.40 2.11 0.00	50.95 2.85 0.00	57.00 4.10 0.00	62.31 4.76 0.00	61.19 4.93 0.00	69.44 5.19 0.00	74.81 5.71 0.00	85.59 6.44 0.00	100.40 7.49 0.00	87.05 5.46 0.00	94.16 5.17 0.00	78.55 3.76 0.00	61.43 2.89 0.00	47.70 2.00 0.00
GELCKHM___115KV_LOAD 80723	36.94 -0.35 0.00	34.64 -0.45 0.00	32.46 -0.47 0.00	30.71 -0.45 0.00	30.35 -0.45 0.00	43.04 -0.56 0.00	43.97 -0.63 0.00	49.86 -0.79 0.00	41.25 -0.70 0.00	39.36 -0.60 0.00	42.73 -0.56 0.00	47.58 -0.53 0.00	52.44 -0.47 0.00	57.17 -0.39 0.00	55.98 -0.28 0.00	64.05 -0.21 0.00	69.35 -0.08 -0.33	83.09 0.18 -3.76	97.94 0.59 -4.44	81.91 0.32 0.00	89.17 0.06 -0.12	79.05 -0.22 -4.47	60.01 -0.33 -1.80	45.52 -0.37 -0.18
GENERAL___MILLS 23808	38.66 1.37 0.00	35.80 0.71 0.00	33.36 0.44 0.00	31.69 0.53 0.00	31.11 0.31 0.00	44.59 1.00 0.00	44.66 0.07 0.00	50.47 -0.18 0.00	41.65 -0.30 0.00	40.78 0.82 0.00	45.24 1.95 0.00	50.76 2.66 0.00	56.78 3.87 0.00	62.06 4.51 0.00	60.91 4.65 0.00	69.13 4.88 0.00	74.47 5.37 0.00	85.20 6.05 0.00	99.97 7.06 0.00	86.73 5.13 0.00	93.82 4.82 0.00	78.28 3.48 0.00	61.24 2.70 0.00	47.54 1.84 0.00
GE_PLASTICS___DRP 24183	36.89 -0.41 0.00	34.95 -0.14 0.00	33.05 0.12 0.00	31.32 0.16 0.00	30.98 0.18 0.00	43.70 0.10 0.00	44.74 0.15 0.00	50.90 0.24 0.00	42.26 0.31 0.00	40.05 0.10 0.00	43.08 -0.09 0.13	47.06 -0.20 0.84	51.13 -0.64 1.13	55.30 -0.94 1.31	55.13 -0.98 0.15	63.13 -1.12 0.00	67.96 -1.14 0.00	77.96 -1.19 0.00	92.21 -0.70 0.00	80.66 -0.94 0.00	87.65 -1.34 0.00	73.62 -1.18 0.00	57.57 -0.97 0.00	45.17 -0.52 0.00
GILBOA___1 23756	37.49 0.20 0.00	35.33 0.24 0.00	33.30 0.37 0.00	31.50 0.34 0.00	31.13 0.33 0.00	43.83 0.23 0.00	44.89 0.30 0.00	51.05 0.40 0.00	42.36 0.41 0.00	40.25 0.29 0.00	43.56 0.23 -0.04	48.67 0.33 -0.24	53.47 0.25 -0.32	58.03 0.11 -0.37	56.32 0.02 -0.04	64.24 -0.01 0.00	69.02 -0.08 0.00	78.86 -0.29 0.00	93.10 0.19 0.00	81.47 -0.13 0.00	88.65 -0.34 0.00	74.50 -0.30 0.00	58.44 -0.10 0.00	45.81 0.11 0.00
GILBOA___2 23757	37.49 0.20 0.00	35.33 0.24 0.00	33.30 0.37 0.00	31.50 0.34 0.00	31.13 0.33 0.00	43.83 0.23 0.00	44.89 0.30 0.00	51.05 0.40 0.00	42.36 0.41 0.00	40.25 0.29 0.00	43.56 0.23 -0.04	48.67 0.33 -0.24	53.47 0.25 -0.32	58.03 0.11 -0.37	56.32 0.02 -0.04	64.24 -0.01 0.00	69.02 -0.08 0.00	78.86 -0.29 0.00	93.10 0.19 0.00	81.47 -0.13 0.00	88.65 -0.34 0.00	74.50 -0.30 0.00	58.44 -0.10 0.00	45.81 0.11 0.00
GILBOA___3 23758	37.49 0.20 0.00	35.33 0.24 0.00	33.30 0.37 0.00	31.50 0.34 0.00	31.13 0.33 0.00	43.83 0.23 0.00	44.89 0.30 0.00	51.05 0.40 0.00	42.36 0.41 0.00	40.25 0.29 0.00	43.56 0.23 -0.04	48.67 0.33 -0.24	53.47 0.25 -0.32	58.03 0.11 -0.37	56.32 0.02 -0.04	64.24 -0.01 0.00	69.02 -0.08 0.00	78.86 -0.29 0.00	93.10 0.19 0.00	81.47 -0.13 0.00	88.65 -0.34 0.00	74.50 -0.30 0.00	58.44 -0.10 0.00	45.81 0.11 0.00
GILBOA___4 23759	37.49 0.20 0.00	35.33 0.24 0.00	33.30 0.37 0.00	31.50 0.34 0.00	31.13 0.33 0.00	43.83 0.23 0.00	44.89 0.30 0.00	51.05 0.40 0.00	42.36 0.41 0.00	40.25 0.29 0.00	43.56 0.23 -0.04	48.67 0.33 -0.24	53.47 0.25 -0.32	58.03 0.11 -0.37	56.32 0.02 -0.04	64.24 -0.01 0.00	69.02 -0.08 0.00	78.86 -0.29 0.00	93.10 0.19 0.00	81.47 -0.13 0.00	88.65 -0.34 0.00	74.50 -0.30 0.00	58.44 -0.10 0.00	45.81 0.11 0.00

GILBOA____ 23599	37.49 0.20 0.00	35.33 0.24 0.00	33.30 0.37 0.00	31.49 0.34 0.00	31.13 0.33 0.00	43.83 0.23 0.00	44.89 0.30 0.00	51.06 0.41 0.00	42.37 0.42 0.00	40.26 0.29 0.00	43.56 0.23 -0.04	48.67 0.33 -0.24	53.47 0.25 -0.32	58.03 0.11 -0.37	56.34 0.04 -0.04	64.25 0.00 0.00	69.02 -0.08 0.00	78.86 -0.29 0.00	93.09 0.18 0.00	81.46 -0.13 0.00	88.66 -0.33 0.00	74.51 -0.29 0.00	58.44 -0.10 0.00	45.81 0.11 0.00
GINNA____ 23603	36.27 -1.02 0.00	33.83 -1.26 0.00	31.60 -1.32 0.00	29.92 -1.23 0.00	29.52 -1.28 0.00	42.01 -1.59 0.00	42.70 -1.89 0.00	48.45 -2.20 0.00	39.97 -1.98 0.00	38.44 -1.52 0.00	42.05 -1.25 0.00	46.99 -1.12 0.00	52.20 -0.70 0.00	57.03 -0.52 0.00	56.05 -0.21 0.00	63.98 -0.27 0.00	69.01 -0.09 0.00	79.18 0.03 0.00	93.21 0.30 0.00	81.28 -0.31 0.00	88.08 -0.91 0.00	73.57 -1.23 0.00	57.32 -1.23 0.00	44.54 -1.16 0.00
GLEN PARK____ 23778	39.98 2.69 0.00	37.20 2.11 0.00	34.94 2.02 0.00	33.01 1.85 0.00	32.69 1.89 0.00	46.50 2.90 0.00	47.60 3.01 0.00	53.77 3.12 0.00	44.30 2.34 0.00	41.87 1.91 0.00	45.27 1.98 0.00	50.12 2.02 0.00	54.84 1.93 0.00	59.88 2.33 0.00	58.66 2.40 0.00	66.87 2.62 0.00	72.68 3.18 -0.40	88.15 4.50 -4.50	105.44 7.22 -5.31	89.69 8.09 0.00	99.03 9.89 -0.14	186.22 8.15 -103.27	97.86 5.83 -33.49	66.25 3.69 -16.86
GLENDALE_27_KV_LOAD 356172	38.47 1.18 0.00	36.15 1.06 0.00	33.88 0.96 0.00	32.03 0.87 0.00	31.63 0.84 0.00	44.48 0.88 0.00	45.94 1.35 0.00	52.42 1.77 0.00	43.77 1.82 0.00	41.67 1.71 0.00	45.41 1.89 -0.22	51.90 2.35 -1.45	57.14 2.28 -1.95	62.14 2.29 -2.30	58.73 2.21 -0.26	66.58 2.33 0.00	71.50 2.40 0.00	82.07 2.92 0.00	96.70 3.80 0.00	83.69 2.10 0.00	90.70 1.70 0.00	75.97 1.17 0.00	59.55 1.01 0.00	46.99 1.29 0.00
GLENWOOD_IC_1_G5 23712	36.25 0.97 2.00	36.08 0.99 0.00	33.84 0.91 0.00	31.98 0.83 0.00	31.58 0.79 0.00	44.49 0.88 0.00	44.84 1.16 0.92	40.58 1.31 11.38	33.86 1.26 9.36	33.64 1.20 7.52	45.09 1.58 -0.22	49.61 1.82 0.32	53.23 1.86 1.53	56.64 1.79 2.70	57.70 1.57 0.12	65.63 1.92 0.54	68.25 1.53 2.38	81.13 1.98 0.00	93.04 2.73 2.60	78.86 1.26 3.99	84.02 0.75 5.72	66.39 0.51 8.92	55.07 0.54 4.01	45.72 0.77 0.76
GLENWOOD_IC_2_G1 23688	38.16 0.87 0.00	35.98 0.89 0.00	33.74 0.81 0.00	31.89 0.74 0.00	31.49 0.69 0.00	44.37 0.77 0.00	45.62 1.03 0.00	51.87 1.21 0.00	43.13 1.18 0.00	41.05 1.09 0.00	44.91 1.40 -0.22	51.20 1.65 -1.44	56.48 1.64 -1.94	61.48 1.65 -2.28	57.99 1.47 -0.26	65.88 1.63 0.00	70.71 1.62 0.02	81.30 2.14 0.00	95.87 2.98 0.02	83.09 1.53 0.04	89.99 1.05 0.06	75.44 0.67 0.03	58.99 0.45 0.00	46.41 0.71 0.00
GLENWOOD_IC_3_G1 23689	38.16 0.87 0.00	35.98 0.89 0.00	33.74 0.81 0.00	31.89 0.74 0.00	31.49 0.69 0.00	44.37 0.77 0.00	45.62 1.03 0.00	51.87 1.21 0.00	43.13 1.18 0.00	41.05 1.09 0.00	44.91 1.40 -0.22	51.20 1.65 -1.44	56.48 1.64 -1.94	61.48 1.65 -2.28	57.99 1.47 -0.26	65.88 1.63 0.00	70.71 1.62 0.02	81.30 2.14 0.00	95.87 2.98 0.02	83.09 1.53 0.04	89.99 1.05 0.06	75.44 0.67 0.03	58.99 0.45 0.00	46.41 0.71 0.00
GLENWOOD____4 23550	36.25 0.97 2.00	36.08 0.99 0.00	33.84 0.91 0.00	31.98 0.83 0.00	31.58 0.79 0.00	44.49 0.88 0.00	44.84 1.16 0.92	40.58 1.31 11.38	33.86 1.26 9.36	33.64 1.20 7.52	45.09 1.58 -0.22	49.61 1.82 0.32	53.23 1.86 1.53	56.68 1.83 2.70	57.80 1.67 0.12	65.69 1.98 0.54	68.43 1.71 2.38	81.33 2.18 0.00	93.28 2.96 2.60	79.06 1.46 3.99	84.24 0.97 5.72	66.53 0.65 8.92	55.09 0.55 4.01	45.72 0.77 0.76
GLENWOOD____5 23614	36.25 0.97 2.00	36.08 0.99 0.00	33.84 0.91 0.00	31.98 0.83 0.00	31.58 0.79 0.00	44.49 0.88 0.00	44.84 1.16 0.92	40.58 1.31 11.38	33.86 1.26 9.36	33.64 1.20 7.52	45.09 1.58 -0.22	49.61 1.82 0.32	53.23 1.86 1.53	56.68 1.83 2.70	57.80 1.67 0.12	65.69 1.98 0.54	68.43 1.71 2.38	81.33 2.18 0.00	93.28 2.96 2.60	79.06 1.46 3.99	84.24 0.97 5.72	66.53 0.65 8.92	55.09 0.55 4.01	45.72 0.77 0.76
GLOBAL GREEN_PORT_GT1 23814	32.33 1.57 6.53	36.68 1.59 0.00	34.53 1.61 0.00	32.74 1.59 0.00	32.25 1.45 0.00	45.20 1.60 2.99	43.30 1.70 37.10	15.37 1.82 31.46	12.24 1.75 31.46	15.28 1.82 26.50	45.98 2.47 -0.22	46.52 2.61 4.20	46.65 2.83 9.08	47.38 3.19 13.37	37.77 2.90 21.39	55.25 4.17 13.17	58.27 4.44 15.27	84.89 5.74 0.00	91.76 6.80 7.95	74.14 4.67 12.13	76.05 4.38 17.32	49.59 3.07 28.28	47.48 1.92 12.98	44.92 1.69 2.47
GLOBE____DSASP 323697	37.55 0.26 0.00	34.85 -0.24 0.00	32.47 -0.46 0.00	30.87 -0.29 0.00	30.31 -0.49 0.00	43.32 -0.28 0.00	43.29 -1.30 0.00	48.89 -1.76 0.00	40.28 -1.67 0.00	39.45 -0.51 0.00	43.82 0.53 0.00	49.06 0.96 0.00	54.94 2.03 0.00	59.89 2.34 0.00	58.70 2.44 0.00	66.48 2.23 0.00	71.50 2.40 0.00	81.61 2.46 0.00	95.73 2.82 0.00	83.02 1.43 0.00	89.90 0.91 0.00	75.16 0.36 0.00	59.04 0.50 0.00	46.04 0.34 0.00
GOETHSLN____LBMP 323567	38.00 0.71 0.00	35.78 0.69 0.00	33.50 0.57 0.00	31.66 0.50 0.00	31.26 0.47 0.00	44.03 0.43 0.00	45.37 0.78 0.00	51.78 1.13 0.00	43.16 1.21 0.00	41.09 1.13 0.00	44.80 1.28 -0.22	51.19 1.64 -1.45	56.44 1.59 -1.95	61.45 1.59 -2.30	57.96 1.44 -0.26	65.68 1.43 0.00	70.59 1.49 0.00	81.02 1.87 0.00	95.58 2.67 0.00	82.72 1.13 0.00	89.62 0.63 0.00	75.08 0.28 0.00	58.83 0.28 0.00	46.33 0.63 0.00
GOLAH____69_KV_TB 1_2 80279	38.76 1.47 0.00	36.07 0.98 0.00	33.61 0.68 0.00	31.86 0.70 0.00	31.34 0.54 0.00	44.72 1.12 0.00	45.35 0.76 0.00	51.34 0.69 0.00	42.20 0.25 0.00	40.67 0.71 0.00	44.52 1.22 0.00	49.75 1.65 0.00	55.43 2.52 0.00	60.63 3.08 0.00	59.48 3.23 0.00	67.85 3.61 0.00	73.03 3.92 0.00	83.80 4.65 0.00	98.88 5.96 0.00	86.34 4.75 0.00	93.38 4.39 0.00	78.04 3.24 0.00	61.20 2.66 0.00	47.59 1.89 0.00
GOODYEAR_LAKE_HYD 323669	38.39 1.10 0.00	35.98 0.89 0.00	33.71 0.78 0.00	31.88 0.72 0.00	31.48 0.68 0.00	44.59 0.99 0.00	45.73 1.14 0.00	52.02 1.36 0.00	43.07 1.11 0.00	41.05 1.09 0.00	44.54 1.20 -0.04	49.86 1.48 -0.28	54.89 1.60 -0.38	59.64 1.97 -0.12	58.37 2.11 0.00	66.73 2.48 0.00	71.92 2.74 -0.08	83.27 3.22 -0.89	97.98 4.02 -1.06	84.87 3.28 0.00	92.35 3.33 -0.03	77.59 2.62 -0.17	60.55 2.01 0.00	47.22 1.51 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	37.46 0.17 0.00	35.06 -0.03 0.00	32.87 -0.06 0.00	31.13 -0.02 0.00	30.73 -0.07 0.00	43.73 0.13 0.00	44.64 0.05 0.00	50.56 -0.10 0.00	41.84 -0.11 0.00	39.99 0.03 0.00	43.47 0.18 0.00	48.51 0.41 0.00	53.38 0.47 0.00	58.30 0.75 0.00	57.03 0.77 0.00	65.17 0.92 0.00	70.36 1.05 -0.21	83.02 1.52 -2.35	97.89 2.21 -2.77	83.16 1.57 0.00	90.51 1.44 -0.07	76.09 0.85 -0.44	59.05 0.51 0.00	46.03 0.33 0.00

GOUDEY___7 23579	37.46 0.17 0.00	35.06 -0.03 0.00	32.87 -0.06 0.00	31.13 -0.02 0.00	30.73 -0.07 0.00	43.73 0.13 0.00	44.64 0.05 0.00	50.56 -0.10 0.00	41.84 -0.11 0.00	39.99 0.03 0.00	43.47 0.18 0.00	48.51 0.41 0.00	53.38 0.47 0.00	58.30 0.75 0.00	57.03 0.77 0.00	65.17 0.92 0.00	70.36 1.05 -0.21	83.02 1.52 -2.35	97.89 2.21 -2.77	83.16 1.57 0.00	90.51 1.44 -0.07	76.09 0.85 -0.44	59.05 0.51 0.00	46.03 0.33 0.00
GOUDEY___8 23580	37.46 0.17 0.00	35.06 -0.03 0.00	32.87 -0.06 0.00	31.13 -0.02 0.00	30.73 -0.07 0.00	43.73 0.13 0.00	44.64 0.05 0.00	50.56 -0.10 0.00	41.84 -0.11 0.00	39.99 0.03 0.00	43.47 0.18 0.00	48.51 0.41 0.00	53.38 0.47 0.00	58.30 0.75 0.00	57.03 0.77 0.00	65.17 0.92 0.00	70.36 1.05 -0.21	83.02 1.52 -2.35	97.89 2.21 -2.77	83.16 1.57 0.00	90.51 1.44 -0.07	76.09 0.85 -0.44	59.05 0.51 0.00	46.03 0.33 0.00
GOWANUS_GT1_1 24077	38.32 1.03 0.00	36.02 0.93 0.00	33.75 0.83 0.00	31.90 0.74 0.00	31.50 0.70 0.00	44.30 0.70 0.00	45.75 1.15 0.00	52.15 1.50 0.00	43.54 1.60 0.00	41.42 1.46 0.00	45.11 1.60 -0.22	51.58 2.03 -1.45	56.76 1.91 -1.95	61.76 1.91 -2.30	58.39 1.87 -0.26	66.19 1.95 0.00	71.07 1.97 0.00	81.58 2.43 0.00	96.14 3.23 0.00	83.22 1.62 0.00	90.18 1.19 0.00	75.59 0.79 0.00	59.35 0.81 0.00	46.86 1.15 0.00
GOWANUS_GT1_2 24078	38.32 1.03 0.00	36.02 0.93 0.00	33.75 0.83 0.00	31.90 0.74 0.00	31.50 0.70 0.00	44.30 0.70 0.00	45.75 1.15 0.00	52.15 1.50 0.00	43.54 1.60 0.00	41.42 1.46 0.00	45.11 1.60 -0.22	51.58 2.03 -1.45	56.76 1.91 -1.95	61.76 1.91 -2.30	58.39 1.87 -0.26	66.19 1.95 0.00	71.07 1.97 0.00	81.58 2.43 0.00	96.14 3.23 0.00	83.22 1.62 0.00	90.18 1.19 0.00	75.59 0.79 0.00	59.35 0.81 0.00	46.86 1.15 0.00
GOWANUS_GT1_3 24079	38.32 1.03 0.00	36.02 0.93 0.00	33.75 0.83 0.00	31.90 0.74 0.00	31.50 0.70 0.00	44.30 0.70 0.00	45.75 1.15 0.00	52.15 1.50 0.00	43.54 1.60 0.00	41.42 1.46 0.00	45.11 1.60 -0.22	51.58 2.03 -1.45	56.76 1.91 -1.95	61.76 1.91 -2.30	58.39 1.87 -0.26	66.19 1.95 0.00	71.07 1.97 0.00	81.58 2.43 0.00	96.14 3.23 0.00	83.22 1.62 0.00	90.18 1.19 0.00	75.59 0.79 0.00	59.35 0.81 0.00	46.86 1.15 0.00
GOWANUS_GT1_4 24080	38.32 1.03 0.00	36.02 0.93 0.00	33.75 0.83 0.00	31.90 0.74 0.00	31.50 0.70 0.00	44.30 0.70 0.00	45.75 1.15 0.00	52.15 1.50 0.00	43.54 1.60 0.00	41.42 1.46 0.00	45.11 1.60 -0.22	51.58 2.03 -1.45	56.76 1.91 -1.95	61.76 1.91 -2.30	58.39 1.87 0.00	66.19 1.95 0.00	71.07 1.97 0.00	81.58 2.43 0.00	96.14 3.23 0.00	83.22 1.62 0.00	90.18 1.19 0.00	75.59 0.79 0.00	59.35 0.81 0.00	46.86 1.15 0.00
GOWANUS_GT1_5 24084	38.32 1.03 0.00	36.02 0.93 0.00	33.75 0.83 0.00	31.90 0.74 0.00	31.50 0.70 0.00	44.30 0.70 0.00	45.75 1.15 0.00	52.15 1.50 0.00	43.54 1.60 0.00	41.42 1.46 0.00	45.11 1.60 -0.22	51.58 2.03 -1.45	56.76 1.91 -1.95	61.76 1.91 -2.30	58.39 1.87 -0.26	66.19 1.95 0.00	71.07 1.97 0.00	81.58 2.43 0.00	96.14 3.23 0.00	83.22 1.62 0.00	90.18 1.19 0.00	75.59 0.79 0.00	59.35 0.81 0.00	46.86 1.15 0.00
GOWANUS_GT1_6 24111	38.32 1.03 0.00	36.02 0.93 0.00	33.75 0.83 0.00	31.90 0.74 0.00	31.50 0.70 0.00	44.30 0.70 0.00	45.75 1.15 0.00	52.15 1.50 0.00</																

GOWANUS_GT2_6 24119	38.32 1.03 0.00	36.02 0.93 0.00	33.75 0.83 0.00	31.90 0.74 0.00	31.51 0.71 0.00	44.30 0.69 0.00	45.75 1.16 0.00	52.15 1.50 0.00	43.55 1.60 0.00	41.44 1.48 0.00	45.11 1.60 -0.22	51.59 2.03 -1.45	56.77 1.91 -1.95	61.76 1.90 -2.30	58.36 1.85 -0.26	66.16 1.91 0.00	71.05 1.95 0.00	81.58 2.43 0.00	96.12 3.21 0.00	83.21 1.62 0.00	90.18 1.18 0.00	75.57 0.78 0.00	59.35 0.81 0.00	46.86 1.15 0.00
GOWANUS_GT2_7 24120	38.32 1.03 0.00	36.02 0.93 0.00	33.75 0.83 0.00	31.90 0.74 0.00	31.51 0.71 0.00	44.30 0.69 0.00	45.75 1.16 0.00	52.15 1.50 0.00	43.55 1.60 0.00	41.44 1.48 0.00	45.11 1.60 -0.22	51.59 2.03 -1.45	56.77 1.91 -1.95	61.76 1.90 -2.30	58.36 1.85 -0.26	66.16 1.91 0.00	71.05 1.95 0.00	81.58 2.43 0.00	96.12 3.21 0.00	83.21 1.62 0.00	90.18 1.18 0.00	75.57 0.78 0.00	59.35 0.81 0.00	46.86 1.15 0.00
GOWANUS_GT2_8 24121	38.32 1.03 0.00	36.02 0.93 0.00	33.75 0.83 0.00	31.90 0.74 0.00	31.51 0.71 0.00	44.30 0.69 0.00	45.75 1.16 0.00	52.15 1.50 0.00	43.55 1.60 0.00	41.44 1.48 0.00	45.11 1.60 -0.22	51.59 2.03 -1.45	56.77 1.91 -1.95	61.76 1.90 -2.30	58.36 1.85 -0.26	66.16 1.91 0.00	71.05 1.95 0.00	81.58 2.43 0.00	96.12 3.21 0.00	83.21 1.62 0.00	90.18 1.18 0.00	75.57 0.78 0.00	59.35 0.81 0.00	46.86 1.15 0.00
GOWANUS_GT3_1 24122	38.32 1.03 0.00	36.02 0.93 0.00	33.75 0.83 0.00	31.90 0.74 0.00	31.51 0.71 0.00	44.30 0.69 0.00	45.75 1.16 0.00	52.15 1.50 0.00	43.55 1.60 0.00	41.44 1.48 0.00	45.11 1.60 -0.22	51.59 2.03 -1.45	56.77 1.91 -1.95	61.75 1.90 -2.30	58.36 1.85 -0.26	66.16 1.91 0.00	71.05 1.95 0.00	81.58 2.43 0.00	96.12 3.21 0.00	83.21 1.62 0.00	90.18 1.18 0.00	75.57 0.78 0.00	59.35 0.81 0.00	46.86 1.15 0.00
GOWANUS_GT3_2 24123	38.32 1.03 0.00	36.02 0.93 0.00	33.75 0.83 0.00	31.90 0.74 0.00	31.51 0.71 0.00	44.30 0.69 0.00	45.75 1.16 0.00	52.15 1.50 0.00	43.55 1.60 0.00	41.44 1.48 0.00	45.11 1.60 -0.22	51.59 2.03 -1.45	56.77 1.91 -1.95	61.75 1.90 -2.30	58.36 1.85 -0.26	66.16 1.91 0.00	71.05 1.95 0.00	81.58 2.43 0.00	96.12 3.21 0.00	83.21 1.62 0.00	90.18 1.18 0.00	75.57 0.78 0.00	59.35 0.81 0.00	46.86 1.15 0.00
GOWANUS_GT3_3 24124	38.32 1.03 0.00	36.02 0.93 0.00	33.75 0.83 0.00	31.90 0.74 0.00	31.51 0.71 0.00	44.30 0.69 0.00	45.75 1.16 0.00	52.15 1.50 0.00	43.55 1.60 0.00	41.44 1.48 0.00	45.11 1.60 -0.22	51.59 2.03 -1.45	56.77 1.91 -1.95	61.75 1.90 -2.30	58.36 1.85 -0.26	66.16 1.91 0.00	71.05 1.95 0.00	81.58 2.43 0.00	96.12 3.21 0.00	83.21 1.62 0.00	90.18 1.18 0.00	75.57 0.78 0.00	59.35 0.81 0.00	46.86 1.15 0.00
GOWANUS_GT3_4 24125	38.32 1.03 0.00	36.02 0.93 0.00	33.75 0.83 0.00	31.90 0.74 0.00	31.51 0.71 0.00	44.30 0.69 0.00	45.75 1.16 0.00	52.15 1.50 0.00	43.55 1.60 0.00	41.44 1.48 0.00	45.11 1.60 -0.22	51.59 2.03 -1.45	56.77 1.91 -1.95	61.75 1.90 -2.30	58.36 1.85 -0.26	66.16 1.91 0.00	71.05 1.95 0.00	81.58 2.43 0.00	96.12 3.21 0.00	83.21 1.62 0.00	90.18 1.18 0.00	75.57 0.78 0.00	59.35 0.81 0.00	46.86 1.15 0.00
GOWANUS_GT3_5 24126	38.32 1.03 0.00	36.02 0.93 0.00	33.75 0.83 0.00	31.90 0.74 0.00	31.51 0.71 0.00	44.30 0.69 0.00	45.75 1.16 0.00	52.15 1.50 0.00	43.															

GOWANUS_GT4_5 24134	38.32 1.03 0.00	36.02 0.93 0.00	33.75 0.83 0.00	31.90 0.74 0.00	31.50 0.70 0.00	44.30 0.70 0.00	45.75 1.15 0.00	52.15 1.50 0.00	43.54 1.60 0.00	41.42 1.46 0.00	45.11 1.60 -0.22	51.58 2.03 -1.45	56.76 1.91 -1.95	61.76 1.91 -2.30	58.39 1.87 -0.26	66.19 1.95 0.00	71.07 1.97 0.00	81.58 2.43 0.00	96.14 3.23 0.00	83.22 1.62 0.00	90.18 1.19 0.00	75.59 0.79 0.00	59.35 0.81 0.00	46.86 1.15 0.00
GOWANUS_GT4_6 24135	38.32 1.03 0.00	36.02 0.93 0.00	33.75 0.83 0.00	31.90 0.74 0.00	31.50 0.70 0.00	44.30 0.70 0.00	45.75 1.15 0.00	52.15 1.50 0.00	43.54 1.60 0.00	41.42 1.46 0.00	45.11 1.60 -0.22	51.58 2.03 -1.45	56.76 1.91 -1.95	61.76 1.91 -2.30	58.39 1.87 -0.26	66.19 1.95 0.00	71.07 1.97 0.00	81.58 2.43 0.00	96.14 3.23 0.00	83.22 1.62 0.00	90.18 1.19 0.00	75.59 0.79 0.00	59.35 0.81 0.00	46.86 1.15 0.00
GOWANUS_GT4_7 24136	38.32 1.03 0.00	36.02 0.93 0.00	33.75 0.83 0.00	31.90 0.74 0.00	31.50 0.70 0.00	44.30 0.70 0.00	45.75 1.15 0.00	52.15 1.50 0.00	43.54 1.60 0.00	41.42 1.46 0.00	45.11 1.60 -0.22	51.58 2.03 -1.45	56.76 1.91 -1.95	61.76 1.91 -2.30	58.39 1.87 -0.26	66.19 1.95 0.00	71.07 1.97 0.00	81.58 2.43 0.00	96.14 3.23 0.00	83.22 1.62 0.00	90.18 1.19 0.00	75.59 0.79 0.00	59.35 0.81 0.00	46.86 1.15 0.00
GOWANUS_GT4_8 24137	38.32 1.03 0.00	36.02 0.93 0.00	33.75 0.83 0.00	31.90 0.74 0.00	31.50 0.70 0.00	44.30 0.70 0.00	45.75 1.15 0.00	52.15 1.50 0.00	43.54 1.60 0.00	41.42 1.46 0.00	45.11 1.60 -0.22	51.58 2.03 -1.45	56.76 1.91 -1.95	61.76 1.91 -2.30	58.39 1.87 -0.26	66.19 1.95 0.00	71.07 1.97 0.00	81.58 2.43 0.00	96.14 3.23 0.00	83.22 1.62 0.00	90.18 1.19 0.00	75.59 0.79 0.00	59.35 0.81 0.00	46.86 1.15 0.00
GREATVRV_69_KV_BK1 356245	31.99 1.01 6.31	36.21 1.12 0.00	34.02 1.10 0.00	32.22 1.07 0.00	31.79 0.99 0.00	44.65 1.05 0.00	42.97 1.26 2.89	16.04 1.22 35.84	12.68 1.11 30.38	15.44 1.05 25.57	45.08 1.57 -0.22	45.69 1.59 4.01	45.78 1.60 8.72	46.32 1.63 12.86	37.55 1.62 20.32	54.00 2.27 12.53	56.41 1.95 14.64	81.85 2.70 0.00	88.55 3.33 7.70	71.81 1.97 11.75	73.71 1.49 16.77	48.19 0.74 27.35	46.38 0.39 12.55	43.97 0.66 2.39
GREENBSH_115KV_TB3 55895	36.99 -0.30 0.00	34.97 -0.12 0.00	32.97 0.05 0.00	31.20 0.05 0.00	30.89 0.09 0.00	43.55 -0.05 0.00	44.57 -0.02 0.00	50.71 0.06 0.00	42.16 0.21 0.00	39.91 -0.05 0.00	42.82 -0.30 0.17	46.57 -0.38 1.15	50.68 -0.68 1.55	54.87 -0.88 1.80	55.12 -0.94 0.20	63.22 -1.03 0.00	68.06 -1.04 0.00	78.11 -1.04 0.00	92.46 -0.45 0.00	80.83 -0.77 0.00	87.81 -1.18 0.00	73.74 -1.05 0.00	57.62 -0.92 0.00	45.14 -0.57 0.00
GREENDGE_115KV_TB5 80291	37.93 0.64 0.00	35.39 0.30 0.00	33.13 0.21 0.00	31.38 0.22 0.00	30.95 0.15 0.00	44.14 0.54 0.00	44.98 0.38 0.00	50.72 0.06 0.00	42.03 0.08 0.00	40.24 0.28 0.00	43.80 0.50 0.00	48.52 0.42 0.00	53.41 0.50 0.00	58.42 0.87 0.00	57.29 1.03 0.00	65.57 1.32 0.00	71.14 1.87 -0.17	83.86 2.74 -1.97	98.68 3.44 -2.33	84.75 3.15 0.00	92.18 3.13 -0.06	77.30 2.14 -0.37	59.82 1.28 0.00	46.52 0.82 0.00
GREENIDGE___3 23582	37.93 0.64 0.00	35.39 0.30 0.00	33.13 0.21 0.00	31.38 0.22 0.00	30.95 0.15 0.00	44.14 0.54 0.00	44.98 0.38 0.00	50.72 0.06 0.00	42.03 0.08 0.00	40.24 0.28 0.00	43.80 0.50 0.00	48.52 0.42 0.00	53.41 0.50 0.00	58.42 0.87 0.00	57.29 1.03 0.00	65.57 1.32 0.00	71.14 1.87 -0.17	83.86 2.74 -1.97	98.68 3.44 -2.33	84.75 3.15 0.00	92.18 3.13 -0.06	77.30 2.14 -0.37	59.82 1.28 0.00	46.52 0.82 0.00
GREENIDGE___4 23583	37.93 0.64 0.00	35.39 0.30 0.00	33.13 0.21 0.00	31.38 0.22 0.00	30.95 0.15 0.00	44.14 0.54 0.00	45.00 0.40 0.00	50.73 0.07 0.00	42.04 0.09 0.00	40.25 0.29 0.00	43.80 0.50 0.00	48.54 0.43 0.00	53.41 0.50 0.00	58.42 0.87 0.00	57.37 1.11 0.00	65.64 1.39 0.00	71.17 1.90 -0.17	83.86 2.74 -1.97	98.71 3.48 -2.33	84.76 3.17 0.00	92.18 3.12 -0.06	77.32 2.16 -0.37	59.82 1.28 0.00	46.52 0.81 0.00
GREENLWN_69_KV_BK 3 55738	31.17 0.25 6.37	35.60 0.51 0.00	33.47 0.55 0.00	31.69 0.54 0.00	31.28 0.48 0.00	43.89 0.29 0.00	42.10 0.43 2.92	14.55 0.08 36.18	11.40 0.14 30.69	14.25 0.14 25.85	44.12 0.61 -0.22	44.41 0.37 4.06	44.29 0.20 8.81	44.64 0.08 12.99	35.44 0.13 20.94	51.72 0.37 12.90	53.98 -0.19 14.93	79.22 0.07 0.00	85.58 0.44 7.77	69.00 -0.75 11.85	70.70 -1.38 16.91	45.92 -1.28 27.60	44.80 -1.08 12.66	42.90 -0.39 2.41
GREENWD_138_KV_38B11_REV_LBMP_J 345004	38.32 1.03 0.00	36.02 0.93 0.00	33.75 0.83 0.00	31.90 0.74 0.00	31.50 0.70 0.00	44.30 0.70 0.00	45.75 1.15 0.00	52.15 1.50 0.00	43.54 1.60 0.00	41.42 1.46 0.00	45.11 1.60 -0.22	51.58 2.03 -1.45	56.76 1.91 -1.95	61.76 1.91 -2.30	58.39 1.87 -0.26	66.19 1.95 0.00	71.07 1.97 0.00	81.58 2.43 0.00	96.14 3.23 0.00	83.22 1.62 0.00	90.18 1.19 0.00	75.59 0.79 0.00	59.35 0.81 0.00	46.86 1.15 0.00
GRISSOM___SOLAR 323813	39.19 1.90 0.00	36.75 1.66 0.00	34.43 1.50 0.00	32.53 1.37 0.00	32.13 1.33 0.00	45.56 1.96 0.00	46.70 2.11 0.00	52.95 2.29 0.00	43.26 1.31 0.00	40.47 0.51 0.00	43.37 0.22 0.15	47.31 0.22 1.01	51.68 0.14 1.36	56.27 0.15 1.43	56.41 0.30 0.15	65.55 1.30 0.00	71.28 2.18 0.00	81.83 2.68 0.00	97.78 4.87 0.00	86.37 4.78 0.00	94.32 5.33 0.00	79.23 4.44 0.00	61.87 3.33 0.00	48.15 2.45 0.00
GROVEVILLE___HYD 323602	38.45 1.16 0.00	36.16 1.07 0.00	33.91 0.99 0.00	32.04 0.89 0.00	31.65 0.85 0.00	44.67 1.07 0.00	45.95 1.36 0.00	52.41 1.76 0.00	43.58 1.64 0.00	41.43 1.47 0.00	45.06 1.59 -0.18	51.27 1.99 -1.17	56.58 2.09 -1.58	61.67 2.25 -1.87	58.62 2.15 -0.21	66.67 2.42 0.00	71.74 2.64 0.00	82.46 3.31 0.00	97.41 4.50 0.00	84.55 2.96 0.00	91.60 2.61 0.00	76.70 1.91 0.00	59.90 1.36 0.00	46.94 1.24 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	37.21 -0.08 0.00	34.89 -0.20 0.00	32.66 -0.27 0.00	30.91 -0.25 0.00	30.55 -0.25 0.00	43.34 -0.26 0.00	44.25 -0.34 0.00	50.17 -0.49 0.00	41.51 -0.44 0.00	39.60 -0.37 0.00	42.99 -0.31 0.00	47.86 -0.24 0.00	52.72 -0.18 0.00	57.51 -0.04 0.00	56.35 0.09 0.00	64.48 0.22 0.00	70.01 0.41 -0.50	85.67 0.79 -5.73	101.02 1.35 -6.76	82.58 0.98 0.00	89.95 0.78 -0.18	79.65 0.39 -4.47	60.29 0.12 -1.62	45.85 -0.02 -0.17
HAMLTNNY_34_KV_TB 80303	37.68 0.39 0.00	35.26 0.17 0.00	32.96 0.03 0.00	31.19 0.03 0.00	30.84 0.04 0.00	43.76 0.16 0.00	44.64 0.05 0.00	50.56 -0.09 0.00	41.79 -0.16 0.00	39.91 -0.05 0.00	43.40 0.10 0.00	48.36 0.26 0.00	53.44 0.53 0.00	58.38 0.82 0.00	57.20 0.94 0.00	65.45 1.20 0.00	71.04 1.46 -0.48	86.73 2.11 -5.47	102.23 2.87 -6.46	83.84 2.25 0.00	91.23 2.07 -0.17	77.17 1.35 -1.02	59.39 0.85 0.00	46.26 0.55 0.00

HAMPSHIRE___PAPER_HYD 323593	38.75 1.46 0.00	36.45 1.36 0.00	34.17 1.25 0.00	32.31 1.15 0.00	31.95 1.16 0.00	45.44 1.84 0.00	46.43 1.84 0.00	52.58 1.92 0.00	43.33 1.38 0.00	41.22 1.26 0.00	44.74 1.45 0.00	49.47 1.37 0.00	54.38 1.48 0.00	59.30 1.75 0.00	58.00 1.74 0.00	66.19 1.94 0.00	71.05 1.80 -0.16	83.13 2.20 -1.78	97.77 2.76 -2.10	85.07 3.48 0.00	93.66 4.61 -0.06	354.48 4.64 -275.05	152.02 3.66 -89.81	93.26 2.35 -45.21
HARDSCRABBLE_WT_PWR 323673	37.97 0.68 0.00	35.76 0.66 0.00	33.66 0.74 0.00	31.83 0.67 0.00	31.48 0.68 0.00	44.52 0.92 0.00	45.60 1.01 0.00	51.62 0.97 0.00	42.54 0.58 0.00	39.91 -0.05 0.00	42.68 -0.61 0.00	47.31 -0.79 0.00	52.02 -0.88 0.00	56.78 -0.77 0.00	55.70 -0.56 0.00	64.13 -0.12 0.00	69.09 -0.01 0.00	79.76 0.61 0.00	95.45 2.54 0.00	83.45 1.86 0.00	90.94 1.95 0.00	76.25 1.45 0.00	59.35 0.81 0.00	46.31 0.60 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	38.24 0.95 0.00	35.99 0.90 0.00	33.72 0.80 0.00	31.86 0.71 0.00	31.46 0.66 0.00	44.40 0.80 0.00	45.67 1.08 0.00	52.08 1.43 0.00	43.29 1.35 0.00	41.19 1.23 0.00	44.84 1.36 -0.19	51.20 1.83 -1.27	56.57 1.95 -1.71	61.72 2.16 -2.02	58.51 2.02 -0.23	66.41 2.16 0.00	71.46 2.36 0.00	82.09 2.94 0.00	96.94 4.03 0.00	84.11 2.51 0.00	91.15 2.15 0.00	76.36 1.56 0.00	59.67 1.12 0.00	46.77 1.07 0.00
HARSNRAD_115KV_TB1 81005	38.11 0.82 0.00	35.34 0.25 0.00	32.92 0.00 0.00	31.29 0.13 0.00	30.72 -0.08 0.00	43.98 0.39 0.00	43.98 -0.62 0.00	49.70 -0.96 0.00	40.93 -1.02 0.00	40.03 0.07 0.00	44.38 1.08 0.00	49.69 1.59 0.00	55.65 2.75 0.00	60.74 3.19 0.00	59.58 3.32 0.00	67.55 3.30 0.00	72.77 3.66 0.00	83.14 3.99 0.00	97.54 4.63 0.00	84.70 3.11 0.00	91.69 2.70 0.00	76.65 1.86 0.00	60.18 1.64 0.00	46.84 1.14 0.00
HARZA MOOSE___RIVER 24016	38.84 1.55 0.00	36.28 1.19 0.00	34.07 1.14 0.00	32.19 1.03 0.00	31.84 1.04 0.00	45.26 1.67 0.00	46.26 1.66 0.00	52.37 1.71 0.00	43.25 1.30 0.00	41.07 1.11 0.00	44.50 1.21 0.00	49.43 1.33 0.00	54.33 1.42 0.00	59.22 1.66 0.00	57.98 1.72 0.00	66.29 2.04 0.00	71.58 2.35 -0.14	83.94 3.25 -1.54	99.46 4.73 -1.82	86.31 4.72 0.00	94.56 5.52 -0.05	155.62 4.58 -76.25	86.65 3.27 -24.83	60.28 2.08 -12.50
HDSNBRDG_115KV_BRDG_TB1 355580	36.90 -0.39 0.00	34.60 -0.50 0.00	32.43 -0.50 0.00	30.68 -0.48 0.00	30.31 -0.49 0.00	42.99 -0.61 0.00	43.92 -0.67 0.00	49.84 -0.82 0.00	41.23 -0.72 0.00	39.35 -0.61 0.00	42.74 -0.56 0.00	47.61 -0.50 0.00	52.47 -0.44 0.00	57.21 -0.34 0.00	56.01 -0.24 0.00	64.07 -0.18 0.00	69.31 -0.07 -0.28	82.48 0.18 -3.14	97.20 0.59 -3.70	81.90 0.31 0.00	89.13 0.03 -0.10	78.93 -0.27 -4.41	59.98 -0.40 -1.83	45.49 -0.40 -0.19
HELLGATE_13_KV_LD 55870	38.52 1.23 0.00	36.19 1.10 0.00	33.93 1.01 0.00	32.10 0.94 0.00	31.70 0.90 0.00	44.54 0.94 0.00	46.02 1.43 0.00	52.52 1.87 0.00	43.86 1.91 0.00	41.75 1.79 0.00	45.49 1.98 -0.22	51.99 2.44 -1.45	57.24 2.38 -1.95	62.25 2.39 -2.30	58.82 2.30 -0.26	66.70 2.45 0.00	71.62 2.52 0.00	82.23 3.07 0.00	96.88 3.97 0.00	83.81 2.22 0.00	90.83 1.84 0.00	76.05 1.25 0.00	59.62 1.08 0.00	47.07 1.36 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	38.52 1.23 0.00	36.19 1.10 0.00	33.93 1.01 0.00	32.10 0.94 0.00	31.70 0.90 0.00	44.54 0.94 0.00	46.02 1.43 0.00	52.52 1.87 0.00	43.86 1.91 0.00	41.75 1.79 0.00	45.49 1.98 -0.22	51.99 2.44 -1.45	57.24 2.38 -1.95	62.25 2.39 -2.30	58.82 2.30 -0.26	66.70 2.45 0.00	71.62 2.52 0.00	82.23 3.07 0.00	96.88 3.97 0.00	83.81 2.22 0.00	90.83 1.84 0.00	76.05 1.25 0.00	59.62 1.08 0.00	47.07 1.36 0.00
HEMPSTEAD___ 23647	34.92 0.68 3.05	35.86 0.77 0.00	33.65 0.73 0.00	31.82 0.66 0.00	31.42 0.62 0.00	44.21 0.61 0.00	44.02 0.83 1.40	34.12 0.80 17.34	28.48 0.78 14.26	29.23 0.73 11.46	44.70 1.19 -0.22	48.12 1.25 1.23	50.80 1.22 3.33	53.45 1.18 5.27	56.89 1.01 0.37	64.53 1.20 0.92	66.50 1.00 3.60	80.57 1.42 0.00	91.03 2.04 3.92	76.24 0.67 6.02	80.56 0.19 8.62	61.22 -0.04 13.53	52.35 -0.10 6.10	44.85 0.30 1.16
HICKLING___1 23621	37.60 0.31 0.00	34.99 -0.10 0.00	32.80 -0.12 0.00	31.12 -0.04 0.00	30.65 -0.14 0.00	43.95 0.36 0.00	44.74 0.15 0.00	50.50 -0.16 0.00	41.92 -0.03 0.00	40.26 0.30 0.00	44.00 0.71 0.00	49.16 1.05 0.00	54.09 1.18 0.00	58.99 1.44 0.00	57.75 1.49 0.00	66.02 1.77 0.00	71.41 2.13 -0.18	84.22 3.08 -1.99	99.20 3.95 -2.35	84.60 3.00 0.00	92.04 2.98 -0.06	77.00 1.83 -0.37	59.63 1.08 0.00	46.37 0.66 0.00
HICKLING___2 23622	37.60 0.31 0.00	34.99 -0.10 0.00	32.80 -0.12 0.00	31.12 -0.04 0.00	30.65 -0.14 0.00	43.95 0.36 0.00	44.74 0.15 0.00	50.50 -0.16 0.00	41.92 -0.03 0.00	40.26 0.30 0.00	44.00 0.71 0.00	49.16 1.05 0.00	54.09 1.18 0.00	58.99 1.44 0.00	57.75 1.49 0.00	66.02 1.77 0.00	71.41 2.13 -0.18	84.22 3.08 -1.99	99.20 3.95 -2.35	84.60 3.00 0.00	92.04 2.98 -0.06	77.00 1.83 -0.37	59.63 1.08 0.00	46.37 0.66 0.00
HIGH FALLS___HY 23754	38.50 1.21 0.00	36.13 1.04 0.00	33.81 0.88 0.00	31.92 0.77 0.00	31.51 0.71 0.00	44.48 0.88 0.00	45.80 1.20 0.00	52.24 1.58 0.00	43.43 1.48 0.00	41.32 1.36 0.00	44.90 1.48 -0.12	50.73 1.84 -0.78	55.96 2.00 -1.05	60.91 2.12 -1.24	58.23 1.84 -0.14	66.26 2.01 0.00	71.55 2.45 0.00	82.17 3.02 0.00	97.16 4.25 0.00	84.48 2.89 0.00	92.04 3.05 0.00	77.04 2.24 0.00	60.15 1.61 0.00	47.07 1.37 0.00
HIGH_RIVER___SOLAR 323847	38.43 1.14 0.00	36.12 1.03 0.00	33.90 0.97 0.00	32.03 0.88 0.00	31.67 0.87 0.00	44.81 1.21 0.00	45.88 1.28 0.00	51.99 1.34 0.00	42.66 0.71 0.00	40.16 0.19 0.00	43.06 -0.08 0.15	46.94 -0.15 1.01	51.37 -0.17 1.36	55.86 -0.18 1.51	56.07 -0.02 0.17	64.88 0.63 0.00	70.06 0.96 0.00	80.51 1.36 0.00	95.64 2.73 0.00	84.34 2.74 0.00	91.93 2.93 0.00	77.21 2.41 0.00	60.32 1.77 0.00	47.06 1.36 0.00
HILLBURN___GT 23639	38.09 0.80 0.00	35.86 0.78 0.00	33.60 0.67 0.00	31.75 0.59 0.00	31.33 0.53 0.00	44.23 0.63 0.00	45.53 0.94 0.00	51.95 1.29 0.00	43.17 1.22 0.00	41.05 1.09 0.00	44.72 1.23 -0.20	51.10 1.69 -1.31	56.42 1.76 -1.76	61.49 1.86 -2.08	58.14 1.64 -0.23	65.96 1.71 0.00	70.98 1.88 0.00	81.54 2.39 0.00	96.31 3.40 0.00	83.48 1.89 0.00	90.47 1.47 0.00	75.83 1.03 0.00	59.33 0.79 0.00	46.58 0.88 0.00
HILLSIDE_115KV_TB1 80332	37.01 -0.28 0.00	34.50 -0.59 0.00	32.33 -0.60 0.00	30.67 -0.49 0.00	30.23 -0.56 0.00	43.32 -0.28 0.00	44.11 -0.48 0.00	49.78 -0.87 0.00	41.15 -0.80 0.00	39.46 -0.51 0.00	43.05 -0.25 0.00	48.11 0.01 0.00	52.92 0.02 0.00	58.03 0.48 0.00	56.77 0.51 0.00	64.89 0.64 0.00	70.05 0.77 -0.18	82.61 1.39 -2.07	97.28 1.93 -2.44	82.83 1.24 0.00	90.18 1.13 -0.07	75.57 0.39 -0.39	58.59 0.05 0.00	45.60 -0.11 0.00

HISHELDN_WT_PWR 323625	37.97 0.68 0.00	35.17 0.08 0.00	32.85 -0.08 0.00	31.21 0.05 0.00	30.66 -0.14 0.00	43.93 0.33 0.00	44.20 -0.40 0.00	49.91 -0.75 0.00	41.14 -0.81 0.00	40.05 0.09 0.00	44.24 0.95 0.00	49.56 1.46 0.00	55.26 2.36 0.00	60.31 2.75 0.00	59.30 3.04 0.00	67.37 3.12 0.00	72.67 3.57 0.00	83.29 4.13 0.00	97.96 5.05 0.00	85.23 3.63 0.00	92.40 3.40 0.00	77.03 2.23 0.00	60.13 1.59 0.00	46.69 0.99 0.00
HOLTSVILLE_IC_1 23690	31.04 0.30 6.54	35.59 0.50 0.00	33.48 0.56 0.00	31.73 0.57 0.00	31.30 0.50 0.00	43.89 0.29 0.00	42.03 0.43 3.00	13.70 0.21 37.17	10.69 0.26 31.52	13.64 0.23 26.55	44.24 0.72 -0.22	44.48 0.58 4.21	44.28 0.48 9.10	44.53 0.37 13.40	35.02 0.19 21.44	51.59 0.54 13.20	54.20 0.40 15.30	80.25 1.10 0.00	86.41 1.46 7.97	69.78 0.34 12.15	71.41 -0.23 17.35	45.77 -0.69 28.33	44.74 -0.79 13.01	43.00 -0.23 2.48
HOLTSVILLE_IC_10 23699	31.28 0.48 6.49	35.74 0.65 0.00	33.61 0.69 0.00	31.86 0.70 0.00	31.43 0.63 0.00	44.08 0.47 0.00	42.25 0.63 2.97	14.25 0.45 36.85	11.09 0.39 31.25	13.99 0.34 26.31	44.41 0.90 -0.22	44.84 0.90 4.16	44.73 0.83 9.01	44.96 0.67 13.27	35.56 0.49 21.19	52.14 0.95 13.05	54.94 0.99 15.15	80.93 1.78 0.00	87.22 2.21 7.90	70.55 1.01 12.06	72.25 0.48 17.21	46.53 -0.18 28.09	45.21 -0.44 12.90	43.25 0.01 2.46
HOLTSVILLE_IC_2 23691	31.04 0.30 6.54	35.59 0.50 0.00	33.48 0.56 0.00	31.73 0.57 0.00	31.30 0.50 0.00	43.89 0.29 0.00	42.03 0.43 3.00	13.70 0.21 37.17	10.69 0.26 31.52	13.64 0.23 26.55	44.24 0.72 -0.22	44.48 0.58 4.21	44.28 0.48 9.10	44.53 0.37 13.40	35.02 0.19 21.44	51.59 0.54 13.20	54.20 0.40 15.30	80.25 1.10 0.00	86.41 1.46 7.97	69.78 0.34 12.15	71.41 -0.23 17.35	45.77 -0.69 28.33	44.74 -0.79 13.01	43.00 -0.23 2.48
HOLTSVILLE_IC_3 23692	31.04 0.30 6.54	35.59 0.50 0.00	33.48 0.56 0.00	31.73 0.57 0.00	31.30 0.50 0.00	43.89 0.29 0.00	42.03 0.43 3.00	13.70 0.21 37.17	10.69 0.26 31.52	13.64 0.23 26.55	44.24 0.72 -0.22	44.48 0.58 4.21	44.28 0.48 9.10	44.53 0.37 13.40	35.02 0.19 21.44	51.59 0.54 13.20	54.20 0.40 15.30	80.25 1.10 0.00	86.41 1.46 7.97	69.78 0.34 12.15	71.41 -0.23 17.35	45.77 -0.69 28.33	44.74 -0.79 13.01	43.00 -0.23 2.48
HOLTSVILLE_IC_4 23693	31.04 0.30 6.54	35.59 0.50 0.00	33.48 0.56 0.00	31.73 0.57 0.00	31.30 0.50 0.00	43.89 0.29 0.00	42.03 0.43 3.00	13.70 0.21 37.17	10.69 0.26 31.52	13.64 0.23 26.55	44.24 0.72 -0.22	44.48 0.58 4.21	44.28 0.48 9.10	44.53 0.37 13.40	35.02 0.19 21.44	51.59 0.54 13.20	54.20 0.40 15.30	80.25 1.10 0.00	86.41 1.46 7.97	69.78 0.34 12.15	71.41 -0.23 17.35	45.77 -0.69 28.33	44.74 -0.79 13.01	43.00 -0.23 2.48
HOLTSVILLE_IC_5 23694	31.04 0.30 6.54	35.59 0.50 0.00	33.48 0.56 0.00	31.73 0.57 0.00	31.30 0.50 0.00	43.89 0.29 0.00	42.03 0.43 3.00	13.70 0.21 37.17	10.69 0.26 31.52	13.64 0.23 26.55	44.24 0.72 -0.22	44.48 0.58 4.21	44.28 0.48 9.10	44.53 0.37 13.40	35.02 0.19 21.44	51.59 0.54 13.20	54.20 0.40 15.30	80.25 1.10 0.00	86.41 1.46 7.97	69.78 0.34 12.15	71.41 -0.23 17.35	45.77 -0.69 28.33	44.74 -0.79 13.01	43.00 -0.23 2.48
HOLTSVILLE_IC_6 23695	31.28 0.48 6.49	35.74 0.65 0.00	33.61 0.69 0.00	31.86 0.70 0.00	31.43 0.63 0.00	44.08 0.47 0.00	42.25 0.63 2.97	14.25 0.45 36.85	11.09 0.39 31.25	13.99 0.34 26.31	44.41 0.90 -0.22	44.84 0.90 4.16	44.73 0.83 9.01	44.96 0.67 13.27	35.56 0.49 21.19	52.14 0.95 13.05	54.94 0.99 15.15	80.93 1.78 0.00	87.22 2.21 7.90	70.55 1.01 12.06	72.25 0.48 17.21	46.53 -0.18 28.09	45.21 -0.44 12.90	43.25 0.01 2.46
HOLTSVILLE_IC_7 23696	31.28 0.48 6.49	35.74 0.65 0.00	33.61 0.69 0.00	31.86 0.70 0.00	31.43 0.63 0.00	44.08 0.47 0.00	42.25 0.63 2.97	14.25 0.45 36.85	11.09 0.39 31.25	13.99 0.34 26.31	44.41 0.90 -0.22	44.84 0.90 4.16	44.73 0.83 9.01	44.96 0.67 13.27	35.56 0.49 21.19	52.14 0.95 13.05	54.94 0.99 15.15	80.93 1.78 0.00	87.22 2.21 7.90	70.55 1.01 12.06	72.25 0.48 17.21	46.53 -0.18 28.09	45.21 -0.44 12.90	43.25 0.01 2.46
HOLTSVILLE_IC_8 23697	31.28 0.48 6.49	35.74 0.65 0.00	33.61 0.69 0.00	31.86 0.70 0.00	31.43 0.63 0.00	44.08 0.47 0.00	42.25 0.63 2.97	14.25 0.45 36.85	11.09 0.39 31.25	13.99 0.34 26.31	44.41 0.90 -0.22	44.84 0.90 4.16	44.73 0.83 9.01	44.96 0.67 13.27	35.56 0.49 21.19	52.14 0.95 13.05	54.94 0.99 15.15	80.93 1.78 0.00	87.22 2.21 7.90	70.55 1.01 12.06	72.25 0.48 17.21	46.53 -0.18 28.09	45.21 -0.44 12.90	43.25 0.01 2.46
HOLTSVILLE_IC_9 23698	31.28 0.48 6.49	35.74 0.65 0.00	33.61 0.69 0.00	31.86 0.70 0.00	31.43 0.63 0.00	44.08 0.47 0.00	42.25 0.63 2.97	14.25 0.45 36.85	11.09 0.39 31.25	13.99 0.34 26.31	44.41 0.90 -0.22	44.84 0.90 4.16	44.73 0.83 9.01	44.96 0.67 13.27	35.56 0.49 21.19	52.14 0.95 13.05	54.94 0.99 15.15	80.93 1.78 0.00	87.22 2.21 7.90	70.55 1.01 12.06	72.25 0.48 17.21	46.53 -0.18 28.09	45.21 -0.44 12.90	43.25 0.01 2.46
HOMER_HL_115KV_TB2 355744	37.37 0.08 0.00	34.69 -0.40 0.00	32.36 -0.57 0.00	30.75 -0.41 0.00	30.22 -0.58 0.00	43.34 -0.26 0.00	43.83 -0.76 0.00	49.61 -1.05 0.00	40.83 -1.12 0.00	39.74 -0.22 0.00	43.87 0.58 0.00	49.59 1.49 0.00	54.92 2.01 0.00	60.33 2.78 0.00	58.93 2.67 0.00	66.54 2.29 0.00	71.07 1.97 0.00	80.21 1.06 0.00	94.38 1.47 0.00	83.14 1.55 0.00	90.00 1.01 0.00	75.03 0.24 0.00	59.24 0.69 0.00	46.01 0.31 0.00
HOWARD_WT_PWR 323690	37.52 0.23 0.00	35.03 -0.06 0.00	32.98 0.05 0.00	31.20 0.04 0.00	30.72 -0.08 0.00	44.11 0.51 0.00	44.79 0.20 0.00	50.53 -0.13 0.00	41.70 -0.25 0.00	40.16 0.20 0.00	43.90 0.60 0.00	48.85 0.75 0.00	54.01 1.10 0.00	59.00 1.45 0.00	57.92 1.66 0.00	65.98 1.73 0.00	71.77 2.54 -0.13	84.24 3.61 -1.48	99.52 4.87 -1.75	85.49 3.90 0.00	92.90 3.86 -0.05	77.48 2.41 -0.28	59.99 1.45 0.00	46.48 0.77 0.00
HQ_GEN_CEDARS 23644	38.14 0.85 0.00	36.11 1.02 0.00	33.81 0.89 0.00	32.00 0.85 0.00	31.65 0.86 0.00	44.94 1.35 0.00	45.90 1.31 0.00	52.08 1.42 0.00	43.00 1.05 0.00	41.07 1.11 0.00	44.64 1.34 0.00	49.36 1.25 0.00	54.34 1.43 0.00	59.14 1.58 0.00	57.76 1.50 0.00	65.88 1.63 0.00	70.33 1.23 0.00	79.92 0.77 0.00	92.98 0.08 0.00	82.26 0.66 0.00	90.31 1.32 0.00	586.19 2.29 -509.10	219.28 2.11 -158.62	138.20 1.47 -91.03
HQ_GEN_CEDARS_PROXY 323590	38.14 0.85 0.00	36.10 1.01 0.00	33.81 0.89 0.00	32.00 0.85 0.00	31.65 0.86 0.00	44.94 1.35 0.00	45.90 1.31 0.00	52.07 1.42 0.00	43.01 1.06 0.00	41.07 1.11 0.00	44.64 1.34 0.00	49.36 1.25 0.00	54.34 1.43 0.00	59.13 1.58 0.00	57.76 1.50 0.00	65.88 1.63 0.00	70.33 1.23 0.00	79.92 0.77 0.00	92.98 0.08 0.00	82.26 0.66 0.00	90.31 1.32 0.00	586.19 2.29 -509.10	219.28 2.11 -158.62	137.25 1.46 -90.08

HQ_GEN_IMPORT 323601	37.57 0.27 0.00	35.39 0.30 0.00	33.18 0.25 0.00	30.57 0.25 0.83	31.05 0.25 0.00	44.02 0.42 0.00	51.48 0.40 -6.48	51.60 0.44 -0.50	42.28 0.33 0.00	40.35 0.39 0.00	43.77 0.48 0.00	48.52 0.41 0.00	53.39 0.49 0.00	58.07 0.52 0.00	56.75 0.50 0.00	64.77 0.52 0.00	69.56 0.46 0.00	79.39 0.24 0.00	92.44 -0.47 0.00	81.62 0.03 0.00	89.44 0.45 0.00	56.68 0.65 18.76	53.07 0.66 6.13	43.09 0.47 3.09
HQ_GEN_WHEEL 23651	37.57 0.27 0.00	35.39 0.30 0.00	33.18 0.25 0.00	30.57 0.25 0.83	31.05 0.25 0.00	44.02 0.42 0.00	51.48 0.40 -6.48	51.60 0.44 -0.50	42.28 0.33 0.00	40.35 0.39 0.00	43.77 0.48 0.00	48.52 0.41 0.00	53.39 0.49 0.00	58.07 0.52 0.00	56.75 0.50 0.00	64.77 0.52 0.00	69.56 0.46 0.00	79.39 0.24 0.00	92.44 -0.47 0.00	81.62 0.03 0.00	89.44 0.45 0.00	56.68 0.65 18.76	53.07 0.66 6.13	43.09 0.47 3.09
HUDSON AVE_GT_3 23810	38.29 1.00 0.00	36.03 0.94 0.00	33.76 0.83 0.00	31.91 0.75 0.00	31.51 0.71 0.00	44.39 0.78 0.00	45.75 1.16 0.00	52.21 1.56 0.00	43.52 1.57 0.00	41.44 1.48 0.00	45.19 1.67 -0.22	51.62 2.07 -1.45	56.90 2.04 -1.95	61.92 2.07 -2.30	58.44 1.93 -0.26	66.27 2.02 0.00	71.22 2.12 0.00	81.73 2.58 0.00	96.40 3.49 0.00	83.49 1.90 0.00	90.44 1.45 0.00	75.74 0.94 0.00	59.33 0.79 0.00	46.70 1.00 0.00
HUDSON AVE_GT_4 23540	38.29 1.00 0.00	36.03 0.94 0.00	33.76 0.83 0.00	31.91 0.75 0.00	31.51 0.71 0.00	44.39 0.78 0.00	45.75 1.16 0.00	52.21 1.56 0.00	43.52 1.57 0.00	41.44 1.48 0.00	45.19 1.67 -0.22	51.62 2.07 -1.45	56.90 2.04 -1.95	61.92 2.07 -2.30	58.44 1.93 -0.26	66.27 2.02 0.00	71.22 2.12 0.00	81.73 2.58 0.00	96.40 3.49 0.00	83.49 1.90 0.00	90.44 1.45 0.00	75.74 0.94 0.00	59.33 0.79 0.00	46.70 1.00 0.00
HUDSON AVE_GT_5 23657	38.29 1.00 0.00	36.03 0.94 0.00	33.76 0.83 0.00	31.91 0.75 0.00	31.51 0.71 0.00	44.39 0.78 0.00	45.75 1.16 0.00	52.21 1.56 0.00	43.52 1.57 0.00	41.44 1.48 0.00	45.19 1.67 -0.22	51.62 2.07 -1.45	56.90 2.04 -1.95	61.92 2.07 -2.30	58.44 1.93 -0.26	66.27 2.02 0.00	71.22 2.12 0.00	81.73 2.58 0.00	96.40 3.49 0.00	83.49 1.90 0.00	90.44 1.45 0.00	75.74 0.94 0.00	59.33 0.79 0.00	46.70 1.00 0.00
HUDSON_AVE_10 24168	38.13 0.84 0.00	35.89 0.79 0.00	33.61 0.68 0.00	31.78 0.62 0.00	31.38 0.57 0.00	44.19 0.59 0.00	45.55 0.96 0.00	51.99 1.34 0.00	43.87 1.37 -0.55	42.36 1.27 -1.13	44.91 1.40 -0.22	51.33 1.72 -1.45	56.57 1.71 -1.95	61.57 1.71 -2.30	70.07 1.56 -12.25	73.05 1.61 -7.19	75.38 1.73 -4.55	81.30 2.14 0.00	95.90 2.99 0.00	83.02 1.43 0.00	89.95 0.96 0.00	75.35 0.56 0.00	59.06 0.52 0.00	46.51 0.80 0.00
HUDSON___115KV_TB 4 355613	37.77 0.48 0.00	35.70 0.61 0.00	33.67 0.75 0.00	31.86 0.71 0.00	31.53 0.73 0.00	44.53 0.94 0.00	45.59 0.99 0.00	51.90 1.24 0.00	43.09 1.14 0.00	40.69 0.73 0.00	43.64 0.46 0.12	47.70 0.38 0.78	51.75 -0.11 1.05	56.08 -0.25 1.22	55.82 -0.30 0.14	63.98 -0.28 0.00	69.08 -0.02 0.00	79.40 0.25 0.00	94.48 1.57 0.00	83.08 1.49 0.00	90.48 1.49 0.00	75.92 1.12 0.00	59.18 0.63 0.00	46.22 0.52 0.00
HUNTER MOUNT___DRP 323613	37.84 0.55 0.00	35.80 0.71 0.00	33.80 0.88 0.00	31.99 0.83 0.00	31.68 0.88 0.00	44.74 1.14 0.00	45.78 1.19 0.00	52.14 1.48 0.00	43.26 1.31 0.00	40.83 0.87 0.00	43.80 0.58 0.07	48.12 0.51 0.49	52.26 0.02 0.67	56.73 -0.05 0.77	56.03 -0.14 0.09	64.16 -0.09 0.00	69.32 0.22 0.00	79.80 0.65 0.00	95.03 2.12 0.00	83.55 1.95 0.00	90.93 1.94 0.00	76.29 1.49 0.00	59.41 0.86 0.00	46.39 0.69 0.00
HUNTINGTON_RES_REC 323705	31.16 0.34 6.47	35.65 0.56 0.00	33.53 0.61 0.00	31.76 0.61 0.00	31.34 0.54 0.00	43.98 0.38 0.00	42.13 0.50 2.96	14.13 0.22 36.74	11.03 0.24 31.16	13.94 0.22 26.24	44.30 0.79 -0.22	44.58 0.62 4.14	44.44 0.51 8.98	44.77 0.44 13.22	35.40 0.33 21.18	51.88 0.68 13.05	54.39 0.42 15.13	80.13 0.98 0.00	86.33 1.29 7.88	69.71 0.14 12.02	71.32 -0.51 17.16	46.01 -0.78 28.01	44.89 -0.80 12.86	43.03 -0.22 2.45
HUNTLEY___63 23557	38.59 1.30 0.00	35.77 0.68 0.00	33.29 0.36 0.00	31.63 0.47 0.00	31.06 0.26 0.00	44.47 0.87 0.00	44.48 -0.12 0.00	50.30 -0.36 0.00	41.47 -0.48 0.00	40.62 0.66 0.00	45.12 1.82 0.00	50.58 2.47 0.00	56.66 3.76 0.00	61.89 4.34 0.00	60.62 4.36 0.00	68.69 4.44 0.00	73.93 4.83 0.00	84.45 5.30 0.00	99.09 6.18 0.00	85.87 4.27 0.00	92.93 3.94 0.00	77.58 2.78 0.00	60.96 2.42 0.00	47.47 1.77 0.00
HUNTLEY___64 23558	38.59 1.30 0.00	35.77 0.68 0.00	33.29 0.36 0.00	31.63 0.47 0.00	31.06 0.26 0.00	44.47 0.87 0.00	44.48 -0.12 0.00	50.30 -0.36 0.00	41.47 -0.48 0.00	40.62 0.66 0.00	45.12 1.82 0.00	50.58 2.47 0.00	56.66 3.76 0.00	61.89 4.34 0.00	60.62 4.36 0.00	68.69 4.44 0.00	73.93 4.83 0.00	84.45 5.30 0.00	99.09 6.18 0.00	85.87 4.27 0.00	92.93 3.94 0.00	77.58 2.78 0.00	60.96 2.42 0.00	47.47 1.77 0.00
HUNTLEY___65 23559	38.59 1.30 0.00	35.77 0.68 0.00	33.29 0.36 0.00	31.63 0.47 0.00	31.06 0.26 0.00	44.47 0.87 0.00	44.48 -0.12 0.00	50.30 -0.36 0.00	41.47 -0.48 0.00	40.62 0.66 0.00	45.12 1.82 0.00	50.58 2.47 0.00	56.66 3.76 0.00	61.89 4.34 0.00	60.62 4.36 0.00	68.69 4.44 0.00	73.93 4.83 0.00	84.45 5.30 0.00	99.09 6.18 0.00	85.87 4.27 0.00	92.93 3.94 0.00	77.58 2.78 0.00	60.96 2.42 0.00	47.47 1.77 0.00
HUNTLEY___66 23560	38.59 1.30 0.00	35.77 0.68 0.00	33.29 0.36 0.00	31.63 0.47 0.00	31.06 0.26 0.00	44.47 0.87 0.00	44.48 -0.12 0.00	50.30 -0.36 0.00	41.47 -0.48 0.00	40.62 0.66 0.00	45.12 1.82 0.00	50.58 2.47 0.00	56.66 3.76 0.00	61.89 4.34 0.00	60.62 4.36 0.00	68.69 4.44 0.00	73.93 4.83 0.00	84.45 5.30 0.00	99.09 6.18 0.00	85.87 4.27 0.00	92.93 3.94 0.00	77.58 2.78 0.00	60.96 2.42 0.00	47.47 1.77 0.00
HUNTLEY___67 23561	38.16 0.87 0.00	35.37 0.28 0.00	32.97 0.05 0.00	31.33 0.17 0.00	30.76 -0.04 0.00	44.02 0.42 0.00	44.07 -0.52 0.00	49.79 -0.86 0.00	41.05 -0.90 0.00	40.18 0.22 0.00	44.59 1.29 0.00	49.97 1.87 0.00	55.91 3.00 0.00	61.03 3.48 0.00	59.86 3.60 0.00	67.86 3.61 0.00	73.05 3.95 0.00	83.50 4.35 0.00	97.98 5.07 0.00	85.02 3.43 0.00	92.04 3.05 0.00	76.86 2.06 0.00	60.23 1.69 0.00	46.84 1.13 0.00
HUNTLEY___68 23562	38.16 0.87 0.00	35.37 0.28 0.00	32.97 0.05 0.00	31.33 0.17 0.00	30.76 -0.04 0.00	44.02 0.42 0.00	44.07 -0.52 0.00	49.79 -0.86 0.00	41.05 -0.90 0.00	40.18 0.22 0.00	44.59 1.29 0.00	49.97 1.87 0.00	55.91 3.00 0.00	61.03 3.48 0.00	59.86 3.60 0.00	67.86 3.61 0.00	73.05 3.95 0.00	83.50 4.35 0.00	97.98 5.07 0.00	85.02 3.43 0.00	92.04 3.05 0.00	76.86 2.06 0.00	60.23 1.69 0.00	46.84 1.13 0.00



HYLAND___LFGE 323620	38.70 1.41 0.00	35.93 0.84 0.00	33.62 0.70 0.00	31.85 0.69 0.00	31.38 0.58 0.00	44.92 1.32 0.00	45.74 1.14 0.00	51.66 1.00 0.00	41.91 -0.04 0.00	39.93 -0.03 0.00	43.60 0.30 0.00	48.66 0.55 0.00	53.82 0.91 0.00	58.89 1.34 0.00	57.81 1.55 0.00	66.00 1.75 0.00	71.85 2.75 0.00	83.02 3.87 0.00	99.12 6.21 0.00	87.18 5.58 0.00	95.32 6.33 0.00	79.56 4.76 0.00	61.84 3.29 0.00	48.01 2.31 0.00
INDECK___CORINTH 23802	38.70 1.41 0.00	36.33 1.24 0.00	34.27 1.34 0.00	32.38 1.22 0.00	32.05 1.25 0.00	45.27 1.68 0.00	46.17 1.57 0.00	52.48 1.83 0.00	43.46 1.50 0.00	41.03 1.07 0.00	43.61 0.50 0.19	47.43 0.61 1.28	51.71 0.52 1.72	56.05 0.49 1.99	56.67 0.64 0.22	65.24 0.99 0.00	70.51 1.41 0.00	81.48 2.33 0.00	97.77 4.86 0.00	85.40 3.81 0.00	92.68 3.69 0.00	77.69 2.89 0.00	60.43 1.89 0.00	47.12 1.42 0.00
INDECK___ILION 23567	37.67 0.38 0.00	35.45 0.36 0.00	33.33 0.40 0.00	31.53 0.37 0.00	31.18 0.38 0.00	44.10 0.50 0.00	45.15 0.56 0.00	51.19 0.54 0.00	42.29 0.34 0.00	39.95 -0.01 0.00	42.99 -0.31 0.00	47.72 -0.39 0.00	52.46 -0.45 0.00	57.17 -0.38 0.00	55.98 -0.28 0.00	64.22 -0.03 0.00	69.16 0.06 0.00	79.59 0.44 0.00	94.50 1.60 0.00	82.78 1.18 0.00	90.16 1.16 0.00	75.63 0.84 0.00	58.98 0.44 0.00	46.02 0.32 0.00
INDECK___OLEAN 23982	37.37 0.08 0.00	34.69 -0.40 0.00	32.36 -0.57 0.00	30.75 -0.41 0.00	30.22 -0.58 0.00	43.34 -0.26 0.00	43.84 -0.74 0.00	49.62 -1.04 0.00	40.87 -1.09 0.00	39.74 -0.22 0.00	43.87 0.58 0.00	49.59 1.49 0.00	54.93 2.03 0.00	60.35 2.79 0.00	59.11 2.85 0.00	66.73 2.48 0.00	71.16 2.06 0.00	80.18 1.03 0.00	94.37 1.47 0.00	83.14 1.55 0.00	90.01 1.02 0.00	75.04 0.24 0.00	59.24 0.70 0.00	46.01 0.31 0.00
INDECK___OSWEGO 23783	36.49 -0.80 0.00	34.32 -0.77 0.00	32.18 -0.75 0.00	30.44 -0.72 0.00	30.09 -0.71 0.00	42.62 -0.98 0.00	43.57 -1.02 0.00	49.42 -1.23 0.00	40.89 -1.06 0.00	38.97 -0.99 0.00	42.21 -1.08 0.00	46.72 -1.39 0.00	51.31 -1.60 0.00	55.88 -1.67 0.00	54.67 -1.59 0.00	62.50 -1.76 -0.01	68.56 -1.75 -1.21	91.15 -1.72 -13.71	107.52 -1.58 -16.19	80.18 -1.41 0.00	87.73 -1.70 -0.44	92.72 -1.66 -19.58	62.67 -1.44 -5.56	47.30 -1.20 -2.80
INDECK___YERKES 23781	38.65 1.36 0.00	35.82 0.73 0.00	33.33 0.41 0.00	31.67 0.51 0.00	31.10 0.30 0.00	44.52 0.92 0.00	44.54 -0.05 0.00	50.39 -0.27 0.00	41.56 -0.38 0.00	40.68 0.72 0.00	45.18 1.88 0.00	50.66 2.55 0.00	56.75 3.84 0.00	62.01 4.45 0.00	60.88 4.62 0.00	68.92 4.67 0.00	74.07 4.98 0.00	84.46 5.31 0.00	99.12 6.22 0.00	85.90 4.31 0.00	92.97 3.98 0.00	77.62 2.83 0.00	61.03 2.49 0.00	47.54 1.84 0.00
INDIAN POINT_GT_1 24139	38.03 0.74 0.00	35.81 0.72 0.00	33.56 0.64 0.00	31.72 0.56 0.00	31.33 0.53 0.00	44.17 0.57 0.00	45.48 0.88 0.00	51.85 1.20 0.00	43.12 1.17 0.00	41.00 1.04 0.00	44.65 1.14 -0.21	51.03 1.51 -1.42	56.33 1.52 -1.91	61.36 1.55 -2.26	57.93 1.41 -0.26	65.71 1.46 0.00	70.67 1.56 0.00	81.16 2.01 0.00	95.85 2.94 0.00	83.13 1.54 0.00	90.11 1.12 0.00	75.53 0.73 0.00	59.10 0.56 0.00	46.43 0.73 0.00
INDIAN POINT_GT_2 23659	38.03 0.74 0.00	35.81 0.72 0.00	33.56 0.64 0.00	31.72 0.56 0.00	31.33 0.53 0.00	44.17 0.57 0.00	45.48 0.88 0.00	51.85 1.20 0.00	43.12 1.17 0.00	41.00 1.04 0.00	44.65 1.14 -0.21	51.03 1.51 -1.42	56.33 1.52 -1.91	61.36 1.55 -2.26	57.93 1.41 -0.26	65.71 1.46 0.00	70.67 1.56 0.00	81.16 2.01 0.00	95.85 2.94 0.00	83.13 1.54 0.00	90.11 1.12 0.00	75.53 0.73 0.00	59.10 0.56 0.00	46.43 0.73 0.00
INDIAN POINT_GT_3 24019	38.03 0.74 0.00	35.81 0.72 0.00	33.56 0.64 0.00	31.72 0.56 0.00	31.33 0.53 0.00	44.17 0.57 0.00	45.48 0.88 0.00	51.85 1.20 0.00	43.12 1.17 0.00	41.00 1.04 0.00	44.65 1.14 -0.21	51.03 1.51 -1.42	56.33 1.52 -1.91	61.36 1.55 -2.26	57.93 1.41 -0.26	65.71 1.46 0.00	70.67 1.56 0.00	81.16 2.01 0.00	95.85 2.94 0.00	83.13 1.54 0.00	90.11 1.12 0.00	75.53 0.73 0.00	59.10 0.56 0.00	46.43 0.73 0.00
INDIAN POINT___2 23530	38.00 0.71 0.00	35.79 0.70 0.00	33.54 0.61 0.00	31.70 0.54 0.00	31.30 0.50 0.00	44.15 0.54 0.00	45.44 0.85 0.00	51.81 1.16 0.00	43.07 1.12 0.00	40.96 1.00 0.00	44.61 1.11 -0.21	50.98 1.50 -1.38	56.26 1.50 -1.85	61.28 1.53 -2.19	57.86 1.35 -0.25	65.65 1.39 0.00	70.61 1.51 0.00	81.13 1.97 0.00	95.78 2.87 0.00	83.07 1.48 0.00	90.06 1.06 0.00	75.49 0.69 0.00	59.09 0.54 0.00	46.43 0.72 0.00
INDIAN POINT___3 23531	37.99 0.70 0.00	35.78 0.69 0.00	33.54 0.61 0.00	31.71 0.55 0.00	31.30 0.51 0.00	44.15 0.55 0.00	45.45 0.85 0.00	51.83 1.17 0.00	43.09 1.14 0.00	40.97 1.01 0.00	44.62 1.11 -0.21	51.01 1.48 -1.42	56.31 1.48 -1.92	61.33 1.52 -2.26	57.89 1.37 -0.26	65.66 1.41 0.00	70.61 1.51 0.00	81.09 1.94 0.00	95.79 2.88 0.00	83.07 1.48 0.00	90.06 1.07 0.00	75.50 0.70 0.00	59.07 0.53 0.00	46.41 0.71 0.00
INGHAM_C_115KV_TB7 356103	38.04 0.75 0.00	35.85 0.76 0.00	33.78 0.85 0.00	31.93 0.77 0.00	31.60 0.80 0.00	44.66 1.06 0.00	45.74 1.15 0.00	51.74 1.09 0.00	42.56 0.61 0.00	39.76 -0.20 0.00	42.36 -0.94 0.00	46.91 -1.19 0.00	51.58 -1.32 0.00	56.36 -1.19 0.00	55.33 -0.92 0.00	63.85 -0.40 0.00	68.82 -0.27 0.00	79.56 0.41 0.00	95.67 2.76 0.00	83.74 2.15 0.00	91.29 2.30 0.00	76.42 1.63 0.00	59.37 0.83 0.00	46.33 0.63 0.00
IP CORINTH___1 23988	38.92 1.63 0.00	36.54 1.45 0.00	34.44 1.51 0.00	32.54 1.38 0.00	32.21 1.41 0.00	45.51 1.91 0.00	46.43 1.84 0.00	52.77 2.12 0.00	43.70 1.75 0.00	41.26 1.30 0.00	43.87 0.76 0.19	47.72 0.89 1.28	52.03 0.85 1.72	56.40 0.83 1.99	57.03 0.99 0.22	65.63 1.38 0.00	70.94 1.84 0.00	81.95 2.80 0.00	98.32 5.41 0.00	85.89 4.29 0.00	93.21 4.22 0.00	78.13 3.33 0.00	60.78 2.23 0.00	47.40 1.69 0.00
IP___TICONDEROGA 23804	41.75 4.46 0.00	38.81 3.72 0.00	36.63 3.70 0.00	34.57 3.41 0.00	34.29 3.50 0.00	48.50 4.90 0.00	49.26 4.67 0.00	55.93 5.27 0.00	45.94 3.99 0.00	43.04 3.08 0.00	45.68 2.58 0.20	50.30 3.51 1.31	54.99 3.85 1.76	59.73 4.22 2.04	60.52 4.49 0.23	69.42 5.17 0.00	75.28 6.17 0.00	87.62 8.47 0.00	105.98 13.06 0.00	92.33 10.73 0.00	99.15 10.16 0.00	83.32 8.52 0.00	64.62 6.08 0.00	50.36 4.65 0.00
ISLIP_RES_REC 323679	31.48 0.64 6.45	35.88 0.79 0.00	33.75 0.82 0.00	31.98 0.82 0.00	31.55 0.75 0.00	44.26 0.66 0.00	42.47 0.84 2.96	14.70 0.68 36.64	11.51 0.63 31.07	14.39 0.58 26.16	44.68 1.17 -0.22	45.19 1.21 4.13	45.14 1.19 8.95	45.46 1.09 13.18	36.15 0.90 21.01	52.74 1.44 12.94	55.54 1.49 15.04	81.51 2.36 0.00	87.92 2.87 7.86	71.19 1.59 11.99	72.91 1.04 17.12	47.14 0.28 27.94	45.59 -0.13 12.82	43.48 0.22 2.44

JAMAICA__27_KV_LOAD 355505	38.34 1.05 0.00	36.09 0.99 0.00	33.78 0.86 0.00	31.96 0.80 0.00	31.54 0.75 0.00	44.44 0.83 0.00	45.84 1.25 0.00	52.31 1.65 0.00	44.21 1.58 -0.68	42.82 1.45 -1.41	44.97 1.46 -0.22	51.43 1.88 -1.45	56.68 1.83 -1.95	61.64 1.78 -2.30	73.10 1.61 -15.24	74.96 1.72 -8.99	76.78 1.99 -5.69	81.56 2.41 0.00	96.26 3.35 0.00	83.34 1.75 0.00	90.34 1.35 0.00	75.69 0.89 0.00	59.42 0.87 0.00	46.83 1.13 0.00
JANIS__SOLAR 323808	38.89 1.60 0.00	36.36 1.27 0.00	34.03 1.11 0.00	32.20 1.04 0.00	31.84 1.04 0.00	45.32 1.72 0.00	46.39 1.80 0.00	52.52 1.87 0.00	43.12 1.17 0.00	40.89 0.93 0.00	44.25 0.96 0.00	49.19 1.08 0.00	54.15 1.25 0.00	59.05 1.50 0.00	57.88 1.63 0.00	66.40 2.15 0.00	72.03 2.69 -0.25	85.83 3.87 -2.81	102.12 5.89 -3.32	87.21 5.61 0.00	95.22 6.14 -0.09	79.93 4.61 -0.53	61.69 3.15 0.00	47.87 2.17 0.00
JARVIS____ 23743	37.29 0.00 0.00	35.08 -0.01 0.00	32.93 0.00 0.00	31.16 0.00 0.00	30.81 0.01 0.00	43.60 0.00 0.00	44.60 0.01 0.00	50.67 0.02 0.00	41.99 0.04 0.00	39.93 -0.03 0.00	43.21 -0.08 0.00	48.03 -0.08 0.00	52.80 -0.11 0.00	57.44 -0.11 0.00	56.15 -0.11 0.00	64.15 -0.10 0.00	69.05 -0.05 0.00	79.17 0.02 0.00	93.25 0.34 0.00	81.76 0.16 0.00	89.06 0.06 0.00	74.77 -0.03 0.00	58.48 -0.06 0.00	45.64 -0.06 0.00
JENNISON____1 23625	38.89 1.60 0.00	36.39 1.30 0.00	34.08 1.15 0.00	32.21 1.06 0.00	31.88 1.09 0.00	45.37 1.77 0.00	46.46 1.87 0.00	52.71 2.05 0.00	43.56 1.62 0.00	41.48 1.53 0.00	45.01 1.72 0.00	50.15 2.05 0.00	55.23 2.32 0.00	60.19 2.64 0.00	58.92 2.66 0.00	67.49 3.24 0.00	72.90 3.63 -0.18	85.86 4.67 -2.04	101.54 6.22 -2.41	86.81 5.22 0.00	94.82 5.76 -0.07	79.50 4.32 -0.38	61.47 2.92 0.00	47.82 2.12 0.00
JENNISON____2 23626	38.89 1.60 0.00	36.39 1.30 0.00	34.08 1.15 0.00	32.21 1.06 0.00	31.88 1.09 0.00	45.37 1.77 0.00	46.46 1.87 0.00	52.71 2.05 0.00	43.56 1.62 0.00	41.48 1.53 0.00	45.01 1.72 0.00	50.15 2.05 0.00	55.23 2.32 0.00	60.19 2.64 0.00	58.92 2.66 0.00	67.49 3.24 0.00	72.90 3.63 -0.18	85.86 4.67 -2.04	101.54 6.22 -2.41	86.81 5.22 0.00	94.82 5.76 -0.07	79.50 4.32 -0.38	61.47 2.92 0.00	47.82 2.12 0.00
JERICOHO_RISE_WT_PWR 323719	37.47 0.18 0.00	35.48 0.39 0.00	33.22 0.30 0.00	31.43 0.27 0.00	31.07 0.27 0.00	44.09 0.49 0.00	45.09 0.50 0.00	51.20 0.54 0.00	42.37 0.41 0.00	40.47 0.51 0.00	43.98 0.68 0.00	48.61 0.51 0.00	53.45 0.54 0.00	58.14 0.59 0.00	56.82 0.56 0.00	64.82 0.57 0.00	69.54 0.44 0.00	79.10 -0.05 0.00	92.12 -0.79 0.00	81.31 -0.28 0.00	89.19 0.19 0.00	75.51 0.81 0.10	46.38 0.86 13.02	49.69 0.44 -3.54
KATONAH__115KV_46KV_TB4 355592	38.20 0.91 0.00	35.96 0.87 0.00	33.72 0.79 0.00	31.86 0.71 0.00	31.47 0.67 0.00	44.39 0.79 0.00	45.68 1.09 0.00	52.10 1.45 0.00	43.35 1.40 0.00	41.24 1.28 0.00	44.92 1.41 -0.22	51.34 1.79 -1.45	56.69 1.83 -1.95	61.78 1.92 -2.31	58.32 1.80 -0.26	66.19 1.94 0.00	71.16 2.06 0.00	81.75 2.60 0.00	96.51 3.60 0.00	83.69 2.10 0.00	90.65 1.66 0.00	75.94 1.14 0.00	59.39 0.84 0.00	46.62 0.92 0.00
KCE_NY_1 323755	38.70 1.41 0.00	36.47 1.38 0.00	34.34 1.42 0.00	32.44 1.28 0.00	32.09 1.29 0.00	45.40 1.80 0.00	46.38 1.79 0.00	52.69 2.04 0.00	43.64 1.69 0.00	41.30 1.34 0.00	44.12 1.03 0.20	47.88 1.13 1.35	52.21 1.12 1.82	56.65 1.20 2.10	57.27 1.25 0.24	65.91 1.66 0.00	71.09 1.99 0.00	81.96 2.81 0.00	97.45 4.54 0.00	85.18 3.59 0.00	92.50 3.51 0.00	77.60 2.80 0.00	60.42 1.88 0.00	47.20 1.50 0.00
KCE_NY_6_ESR 323823	38.69 1.40 0.00	35.83 0.74 0.00	33.39 0.46 0.00	31.72 0.57 0.00	31.13 0.32 0.00	44.62 1.02 0.00	44.71 0.12 0.00	50.52 -0.13 0.00	41.72 -0.23 0.00	40.81 0.85 0.00	45.27 1.98 0.00	50.79 2.69 0.00	56.80 3.90 0.00	62.11 4.55 0.00	61.16 4.90 0.00	69.38 5.13 0.00	74.65 5.54 0.00	85.24 6.08 0.00	100.07 7.16 0.00	86.79 5.19 0.00	93.88 4.89 0.00	78.37 3.57 0.00	61.25 2.70 0.00	47.58 1.87 0.00
KEDC_PORT_JEFF_GT2 24210	31.20 0.42 6.51	35.69 0.60 0.00	33.57 0.65 0.00	31.81 0.66 0.00	31.39 0.59 0.00	44.01 0.42 0.00	42.18 0.57 2.98	14.06 0.37 36.97	10.98 0.37 31.35	13.92 0.35 26.40	44.40 0.89 -0.22	44.74 0.81 4.18	44.62 0.75 9.04	44.93 0.68 13.31	35.49 0.52 21.29	52.09 0.95 13.11	54.75 0.86 15.21	80.63 1.48 0.00	86.48 1.49 7.92	70.25 0.75 12.09	72.00 0.27 17.26	46.30 -0.31 28.18	45.06 -0.55 12.93	43.16 -0.08 2.47
KEDC_PORT_JEFF_GT3 24211	31.20 0.42 6.51	35.69 0.60 0.00	33.57 0.65 0.00	31.81 0.66 0.00	31.39 0.59 0.00	44.01 0.42 0.00	42.18 0.57 2.98	14.06 0.37 36.97	10.98 0.37 31.35	13.92 0.35 26.40	44.40 0.89 -0.22	44.74 0.81 4.18	44.62 0.75 9.04	44.93 0.68 13.31	35.49 0.52 21.29	52.09 0.95 13.11	54.75 0.86 15.21	80.63 1.48 0.00	86.48 1.49 7.92	70.25 0.75 12.09	72.00 0.27 17.26	46.30 -0.31 28.18	45.06 -0.55 12.93	43.16 -0.08 2.47
KEDC_GLWD_GT4 24219	36.25 0.96 2.00	36.08 0.99 0.00	33.84 0.91 0.00	31.98 0.83 0.00	31.58 0.78 0.00	44.48 0.88 0.00	44.82 1.15 0.92	40.57 1.29 11.38	33.83 1.24 9.36	33.61 1.17 7.52	45.09 1.57 -0.22	49.60 1.82 0.32	53.21 1.83 1.53	56.62 1.76 2.70	57.60 1.46 0.12	65.50 1.79 0.54	68.20 1.48 2.38	81.13 1.98 0.00	93.03 2.71 2.60	78.85 1.25 3.99	84.01 0.73 5.72	66.36 0.48 8.92	55.06 0.52 4.01	45.71 0.77 0.76
KEDC_GLWD_GT5 24220	36.25 0.96 2.00	36.08 0.99 0.00	33.84 0.91 0.00	31.98 0.83 0.00	31.58 0.78 0.00	44.48 0.88 0.00	44.82 1.15 0.92	40.57 1.29 11.38	33.83 1.24 9.36	33.61 1.17 7.52	45.09 1.57 -0.22	49.60 1.82 0.32	53.21 1.83 1.53	56.62 1.76 2.70	57.60 1.46 0.12	65.50 1.79 0.54	68.20 1.48 2.38	81.13 1.98 0.00	93.03 2.71 2.60	78.85 1.25 3.99	84.01 0.73 5.72	66.36 0.48 8.92	55.06 0.52 4.01	45.71 0.77 0.76
KENSICO____ 23655	38.10 0.81 0.00	35.88 0.79 0.00	33.64 0.71 0.00	31.80 0.64 0.00	31.40 0.60 0.00	44.26 0.66 0.00	45.57 0.98 0.00	51.96 1.31 0.00	43.24 1.29 0.00	41.12 1.16 0.00	44.81 1.30 -0.22	51.20 1.65 -1.44	56.49 1.64 -1.94	61.52 1.67 -2.30	58.05 1.53 -0.26	65.87 1.62 0.00	70.81 1.71 0.00	81.32 2.17 0.00	96.01 3.10 0.00	83.26 1.67 0.00	90.23 1.24 0.00	75.62 0.82 0.00	59.17 0.63 0.00	46.50 0.80 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	38.44 1.15 0.00	36.10 1.01 0.00	33.81 0.88 0.00	31.93 0.77 0.00	31.52 0.72 0.00	44.50 0.89 0.00	45.79 1.20 0.00	52.22 1.56 0.00	43.40 1.45 0.00	41.24 1.28 0.00	44.80 1.37 -0.13	50.68 1.70 -0.88	55.92 1.83 -1.18	60.90 1.96 -1.39	57.99 1.57 -0.16	65.96 1.71 0.00	71.24 2.14 0.00	81.83 2.68 0.00	96.82 3.91 0.00	84.28 2.68 0.00	91.98 2.99 0.00	77.01 2.22 0.00	60.11 1.57 0.00	47.01 1.31 0.00

KIAC_JFK_GT1 23816	38.10 0.81 0.00	35.86 0.77 0.00	33.58 0.65 0.00	31.77 0.61 0.00	31.36 0.56 0.00	44.16 0.56 0.00	45.57 0.98 0.00	51.98 1.32 0.00	43.91 1.28 -0.68	42.45 1.07 -1.41	44.56 1.05 -0.22	50.95 1.40 -1.45	56.15 1.30 -1.95	61.05 1.19 -2.30	72.54 1.04 -15.24	74.30 1.06 -8.99	76.05 1.26 -5.69	80.72 1.56 0.00	95.26 2.35 0.00	82.47 0.87 0.00	89.39 0.40 0.00	74.89 0.10 0.00	58.81 0.27 0.00	46.37 0.67 0.00
KIAC_JFK_GT2 23817	38.10 0.81 0.00	35.86 0.77 0.00	33.58 0.65 0.00	31.77 0.61 0.00	31.36 0.56 0.00	44.16 0.56 0.00	45.57 0.98 0.00	51.98 1.32 0.00	43.91 1.28 -0.68	42.45 1.07 -1.41	44.56 1.05 -0.22	50.95 1.40 -1.45	56.15 1.30 -1.95	61.05 1.19 -2.30	72.54 1.04 -15.24	74.30 1.06 -8.99	76.05 1.26 -5.69	80.72 1.56 0.00	95.26 2.35 0.00	82.47 0.87 0.00	89.39 0.40 0.00	74.89 0.10 0.00	58.81 0.27 0.00	46.37 0.67 0.00
KIAC_JFK____ 323774	38.10 0.81 0.00	35.86 0.77 0.00	33.58 0.65 0.00	31.77 0.61 0.00	31.36 0.56 0.00	44.16 0.56 0.00	45.56 0.96 0.00	51.96 1.31 0.00	43.90 1.27 -0.68	42.44 1.07 -1.41	44.56 1.05 -0.22	50.95 1.39 -1.45	56.14 1.28 -1.95	61.04 1.19 -2.30	72.47 0.97 -15.24	74.26 1.01 -8.99	76.01 1.22 -5.69	80.72 1.57 0.00	95.24 2.33 0.00	82.46 0.87 0.00	89.38 0.39 0.00	74.88 0.08 0.00	58.81 0.27 0.00	46.38 0.68 0.00
KINTIGH__24_KV_GSU 356498	37.88 0.59 0.00	35.21 0.12 0.00	32.84 -0.09 0.00	31.18 0.03 0.00	30.65 -0.14 0.00	43.78 0.18 0.00	43.99 -0.61 0.00	49.75 -0.91 0.00	40.99 -0.96 0.00	39.92 -0.04 0.00	44.17 0.88 0.00	49.50 1.40 0.00	55.25 2.34 0.00	60.28 2.72 0.00	59.21 2.95 0.00	67.12 2.87 0.00	72.13 3.02 0.00	82.32 3.17 0.00	96.81 3.90 0.00	84.03 2.43 0.00	91.04 2.05 0.00	76.12 1.32 0.00	59.67 1.12 0.00	46.46 0.76 0.00
KINTIGH____ 23543	37.84 0.55 0.00	35.19 0.09 0.00	32.81 -0.11 0.00	31.16 0.00 0.00	30.62 -0.17 0.00	43.75 0.15 0.00	43.94 -0.66 0.00	49.69 -0.97 0.00	40.92 -1.03 0.00	39.90 -0.06 0.00	44.14 0.84 0.00	49.46 1.36 0.00	55.20 2.29 0.00	60.20 2.65 0.00	58.99 2.73 0.00	66.88 2.63 0.00	71.96 2.86 0.00	82.29 3.14 0.00	96.71 3.80 0.00	83.95 2.36 0.00	90.97 1.98 0.00	76.06 1.26 0.00	59.62 1.08 0.00	46.43 0.73 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	37.57 0.28 0.00	35.63 0.54 0.00	33.38 0.45 0.00	31.56 0.41 0.00	31.20 0.40 0.00	44.29 0.69 0.00	45.31 0.72 0.00	51.43 0.77 0.00	42.49 0.54 0.00	40.56 0.60 0.00	44.07 0.78 0.00	48.69 0.59 0.00	53.44 0.54 0.00	58.16 0.61 0.00	56.88 0.62 0.00	64.96 0.71 0.00	69.78 0.68 0.00	79.42 0.27 0.00	92.67 -0.24 0.00	81.91 0.32 0.00	89.63 0.64 0.00	70.46 1.23 5.57	46.87 1.12 12.79	44.87 0.56 1.39
LACHUTE____HYDRO 323717	41.74 4.46 0.00	38.81 3.72 0.00	36.63 3.70 0.00	34.57 3.42 0.00	34.29 3.49 0.00	48.50 4.90 0.00	49.26 4.67 0.00	55.93 5.27 0.00	45.94 3.99 0.00	43.04 3.08 0.00	45.68 2.58 0.20	50.30 3.51 1.31	55.00 3.85 1.76	59.73 4.22 2.04	60.52 4.49 0.23	69.40 5.15 0.00	75.27 6.17 0.00	87.62 8.47 0.00	105.98 13.07 0.00	92.33 10.73 0.00	99.15 10.16 0.00	83.32 8.52 0.00	64.61 6.07 0.00	50.36 4.65 0.00
LAWRNCALV_115KV_TB1 80681	38.44 1.15 0.00	36.35 1.26 0.00	34.04 1.11 0.00	32.22 1.06 0.00	31.86 1.06 0.00	45.27 1.67 0.00	46.24 1.65 0.00	52.41 1.76 0.00	43.22 1.27 0.00	41.21 1.25 0.00	44.81 1.51 0.00	49.50 1.39 0.00	54.47 1.56 0.00	59.32 1.77 0.00	57.94 1.69 0.00	66.06 1.81 0.00	70.38 1.28 0.00	80.14 0.99 0.00	93.19 0.28 0.00	82.67 1.07 0.00	90.94 1.95 0.00	508.52 3.07 -430.65	200.25 2.81 -138.90	120.24 1.91 -72.63
LEDERLE____ 23769	38.21 0.92 0.00	35.97 0.88 0.00	33.71 0.78 0.00	31.86 0.70 0.00	31.45 0.64 0.00	44.40 0.80 0.00	45.75 1.16 0.00	52.20 1.54 0.00	43.38 1.43 0.00	41.26 1.29 0.00	44.95 1.45 -0.20	51.39 1.94 -1.35	56.77 2.05 -1.82	61.88 2.18 -2.14	58.52 2.02 -0.24	66.38 2.13 0.00	71.41 2.31 0.00	82.01 2.86 0.00	96.87 3.96 0.00	83.96 2.36 0.00	90.98 1.98 0.00	76.22 1.42 0.00	59.60 1.06 0.00	46.79 1.09 0.00
LIGHTHSE_115KV_TB6 355974	37.64 0.35 0.00	35.23 0.14 0.00	33.05 0.12 0.00	31.26 0.10 0.00	30.91 0.11 0.00	43.85 0.25 0.00	44.86 0.27 0.00	50.81 0.15 0.00	41.99 0.03 0.00	39.92 -0.04 0.00	43.26 -0.03 0.00	48.01 -0.09 0.00	52.76 -0.15 0.00	57.54 -0.01 0.00	56.32 0.07 0.00	64.28 0.03 0.00	69.89 0.19 -0.61	86.75 0.72 -6.88	102.75 1.71 -8.13	83.53 1.94 0.00	91.46 2.25 -0.22	117.52 1.66 -41.06	72.70 1.15 -13.01	52.81 0.56 -6.55
LINDEN COGEN____ 23786	37.98 0.69 0.00	35.76 0.67 0.00	33.48 0.56 0.00	31.65 0.49 0.00	31.24 0.44 0.00	44.00 0.40 0.00	45.34 0.75 0.00	51.75 1.09 0.00	43.13 1.18 0.00	41.09 1.13 0.00	44.77 1.26 -0.22	51.16 1.61 -1.45	56.41 1.56 -1.95	61.40 1.54 -2.30	57.86 1.34 -0.26	65.59 1.34 0.00	70.51 1.41 0.00	80.98 1.83 0.00	95.51 2.60 0.00	82.68 1.09 0.00	89.56 0.57 0.00	75.04 0.25 0.00	58.80 0.25 0.00	46.31 0.60 0.00
LINDHRST_69_KV_BK1 356055	32.67 0.94 5.56	36.14 1.05 0.00	33.93 1.00 0.00	32.11 0.95 0.00	31.69 0.90 0.00	44.53 0.93 0.00	43.20 1.15 2.55	20.18 1.07 31.55	16.24 0.98 26.69	18.45 0.90 22.41	44.88 1.37 -0.22	46.08 1.34 3.37	46.74 1.31 7.47	47.77 1.33 11.11	40.54 1.32 17.03	55.29 1.81 10.78	57.98 1.45 12.56	81.19 2.04 0.00	88.66 2.58 6.83	72.38 1.22 10.44	74.91 0.83 14.91	51.00 0.36 24.16	47.64 0.15 11.05	44.13 0.54 2.10
LIPA_MISC_IPP 23656	31.00 0.25 6.54	35.48 0.39 0.00	33.38 0.45 0.00	31.65 0.49 0.00	31.21 0.41 0.00	43.74 0.14 0.00	41.93 0.33 2.99	13.72 0.18 37.12	10.72 0.25 31.48	13.70 0.25 26.51	44.13 0.62 -0.22	44.40 0.50 4.20	44.20 0.39 9.09	44.52 0.34 13.38	35.20 0.34 21.40	51.93 0.87 13.18	54.35 0.53 15.28	80.34 1.19 0.00	86.56 1.61 7.96	69.89 0.44 12.14	71.51 -0.15 17.33	45.82 -0.68 28.30	44.71 -0.85 12.99	42.93 -0.30 2.48
LISF____SOLAR 323691	31.05 0.28 6.53	35.55 0.46 0.00	33.43 0.51 0.00	31.71 0.55 0.00	31.27 0.47 0.00	43.82 0.22 0.00	41.99 0.38 2.99	13.79 0.20 37.06	10.78 0.26 31.43	13.72 0.23 26.47	44.19 0.68 -0.22	44.46 0.55 4.19	44.29 0.46 9.07	44.57 0.37 13.35	35.09 0.19 21.36	51.71 0.61 13.16	54.39 0.54 15.25	80.54 1.39 0.00	86.87 1.91 7.95	70.17 0.70 12.12	71.77 0.08 17.30	46.07 -0.48 28.25	44.85 -0.73 12.97	43.03 -0.20 2.47
LITTLE FALLS____HYD 24013	38.04 0.75 0.00	35.85 0.76 0.00	33.78 0.85 0.00	31.93 0.77 0.00	31.60 0.80 0.00	44.66 1.06 0.00	45.74 1.15 0.00	51.74 1.09 0.00	42.56 0.61 0.00	39.76 -0.20 0.00	42.36 -0.94 0.00	46.91 -1.19 0.00	51.58 -1.32 0.00	56.36 -1.19 0.00	55.33 -0.92 0.00	63.85 -0.40 0.00	68.82 -0.27 0.00	79.56 0.41 0.00	95.67 2.76 0.00	83.74 2.15 0.00	91.29 2.30 0.00	76.42 1.63 0.00	59.37 0.83 0.00	46.33 0.63 0.00

LITTLRIV_115KV_TB1 356100	39.05 1.76 0.00	36.90 1.81 0.00	34.55 1.63 0.00	32.71 1.55 0.00	32.36 1.56 0.00	45.99 2.39 0.00	46.96 2.37 0.00	53.13 2.47 0.00	43.61 1.66 0.00	41.45 1.49 0.00	45.10 1.80 0.00	49.69 1.58 0.00	54.69 1.79 0.00	59.66 2.11 0.00	58.18 1.92 0.00	66.31 2.06 0.00	70.67 1.57 0.00	80.71 1.55 0.00	94.24 1.33 0.00	84.12 2.52 0.00	92.79 3.80 0.00	497.17 4.59 -417.79	198.14 3.93 -135.67	118.05 2.74 -69.61
LI_NEWBRDGE___DRP 323616	30.74 0.53 7.08	35.74 0.65 0.00	33.55 0.63 0.00	31.76 0.60 0.00	31.35 0.55 0.00	44.05 0.45 0.00	42.01 0.66 3.24	10.96 0.49 40.18	8.23 0.51 34.23	11.42 0.47 29.01	44.39 0.88 -0.22	44.25 0.80 4.66	43.64 0.71 9.98	43.56 0.63 14.62	30.41 0.65 26.50	48.88 0.88 16.25	51.85 0.51 17.76	80.02 0.87 0.00	85.74 1.40 8.58	68.65 0.14 13.08	69.92 -0.41 18.66	43.62 -0.60 30.57	43.95 -0.54 14.06	43.02 -0.01 2.68
LOCKPORT_115KV_TB60_63_64 80432	38.12 0.84 0.00	35.36 0.27 0.00	32.93 0.01 0.00	31.29 0.13 0.00	30.74 -0.06 0.00	44.01 0.41 0.00	43.98 -0.61 0.00	49.72 -0.93 0.00	40.94 -1.01 0.00	40.05 0.09 0.00	44.38 1.09 0.00	49.69 1.59 0.00	55.65 2.75 0.00	60.74 3.19 0.00	59.59 3.33 0.00	67.56 3.31 0.00	72.83 3.72 0.00	83.21 4.06 0.00	97.63 4.72 0.00	84.77 3.18 0.00	91.78 2.79 0.00	76.73 1.94 0.00	60.25 1.71 0.00	46.89 1.18 0.00
LOCKPORT___CC1 323769	38.11 0.83 0.00	35.34 0.25 0.00	32.92 0.00 0.00	31.29 0.13 0.00	30.72 -0.08 0.00	43.98 0.38 0.00	43.99 -0.60 0.00	49.71 -0.94 0.00	40.97 -0.98 0.00	40.03 0.07 0.00	44.38 1.08 0.00	49.70 1.60 0.00	55.67 2.76 0.00	60.75 3.20 0.00	59.79 3.53 0.00	67.76 3.51 0.00	72.87 3.77 0.00	83.12 3.97 0.00	97.58 4.68 0.00	84.70 3.11 0.00	91.71 2.72 0.00	76.67 1.87 0.00	60.18 1.63 0.00	46.84 1.14 0.00
LOCKPORT___CC2 323770	38.11 0.83 0.00	35.34 0.25 0.00	32.92 0.00 0.00	31.29 0.13 0.00	30.72 -0.08 0.00	43.98 0.38 0.00	43.99 -0.60 0.00	49.71 -0.94 0.00	40.97 -0.98 0.00	40.03 0.07 0.00	44.38 1.08 0.00	49.70 1.60 0.00	55.67 2.76 0.00	60.75 3.20 0.00	59.79 3.53 0.00	67.76 3.51 0.00	72.87 3.77 0.00	83.12 3.97 0.00	97.58 4.68 0.00	84.70 3.11 0.00	91.71 2.72 0.00	76.67 1.87 0.00	60.18 1.63 0.00	46.84 1.14 0.00
LOCKPORT___CC3 323771	38.11 0.83 0.00	35.34 0.25 0.00	32.92 0.00 0.00	31.29 0.13 0.00	30.72 -0.08 0.00	43.98 0.38 0.00	43.99 -0.60 0.00	49.71 -0.94 0.00	40.97 -0.98 0.00	40.03 0.07 0.00	44.38 1.08 0.00	49.70 1.60 0.00	55.67 2.76 0.00	60.75 3.20 0.00	59.79 3.53 0.00	67.76 3.51 0.00	72.87 3.77 0.00	83.12 3.97 0.00	97.58 4.68 0.00	84.70 3.11 0.00	91.71 2.72 0.00	76.67 1.87 0.00	60.18 1.63 0.00	46.84 1.14 0.00
LOCUSVLY_69_KV_BK2 55797	35.04 0.93 3.18	36.08 0.99 0.00	33.85 0.93 0.00	32.01 0.85 0.00	31.59 0.79 0.00	44.47 0.86 0.00	44.25 1.12 1.46	33.74 1.16 18.08	27.88 1.15 15.22	28.38 1.09 12.68	45.07 1.55 -0.22	48.44 1.67 1.33	51.11 1.70 3.50	53.80 1.73 5.48	49.92 1.64 7.98	61.11 2.11 5.25	64.21 1.73 6.62	81.39 2.24 0.00	91.89 2.98 4.00	76.90 1.43 6.12	81.10 0.86 8.76	61.35 0.52 13.97	52.57 0.37 6.34	45.17 0.67 1.21
LONG_LAKE_PHOENIX 24014	36.75 -0.54 0.00	34.48 -0.61 0.00	32.32 -0.61 0.00	30.58 -0.58 0.00	30.20 -0.59 0.00	42.83 -0.77 0.00	43.78 -0.81 0.00	49.66 -0.99 0.00	41.08 -0.87 0.00	39.18 -0.78 0.00	42.50 -0.79 0.00	47.27 -0.83 0.00	52.05 -0.85 0.00	56.71 -0.84 0.00	55.53 -0.73 0.00	63.48 -0.78 -0.01	69.37 -0.64 -0.92	89.21 -0.38 -10.43	105.16 -0.06 -12.31	81.42 -0.18 0.00	88.91 -0.41 -0.33	80.74 -0.65 -6.60	60.07 -0.70 -2.23	45.28 -0.65 -0.23
LOVETT___3 23632	37.93 0.64 0.00	35.73 0.64 0.00	33.50 0.58 0.00	31.67 0.51 0.00	31.26 0.47 0.00	44.12 0.52 0.00	45.45 0.86 0.00	51.84 1.19 0.00	43.09 1.14 0.00	40.97 1.01 0.00	44.62 1.12 -0.20	50.98 1.51 -1.37	56.28 1.54 -1.84	61.31 1.58 -2.18	57.94 1.44 -0.25	65.72 1.47 0.00	70.68 1.58 0.00	81.17 2.02 0.00	95.89 2.98 0.00	83.13 1.54 0.00	90.10 1.11 0.00	75.53 0.74 0.00	59.10 0.56 0.00	46.43 0.73 0.00
LOVETT___4 23642	37.93 0.64 0.00	35.73 0.64 0.00	33.50 0.58 0.00	31.67 0.51 0.00	31.26 0.47 0.00	44.12 0.52 0.00	45.45 0.86 0.00	51.84 1.19 0.00	43.09 1.14 0.00	40.97 1.01 0.00	44.62 1.12 -0.20	50.98 1.51 -1.37	56.28 1.54 -1.84	61.31 1.58 -2.18	57.94 1.44 -0.25	65.72 1.47 0.00	70.68 1.58 0.00	81.17 2.02 0.00	95.89 2.98 0.00	83.13 1.54 0.00	90.10 1.11 0.00	75.53 0.74 0.00	59.10 0.56 0.00	46.43 0.73 0.00
LOVETT___5 23593	37.93 0.64 0.00	35.73 0.64 0.00	33.50 0.58 0.00	31.67 0.51 0.00	31.26 0.47 0.00	44.12 0.52 0.00	45.45 0.86 0.00	51.84 1.19 0.00	43.09 1.14 0.00	40.97 1.01 0.00	44.62 1.12 -0.20	50.98 1.51 -1.37	56.28 1.54 -1.84	61.31 1.58 -2.18	57.94 1.44 -0.25	65.72 1.47 0.00	70.68 1.58 0.00	81.17 2.02 0.00	95.89 2.98 0.00	83.13 1.54 0.00	90.10 1.11 0.00	75.53 0.74 0.00	59.10 0.56 0.00	46.43 0.73 0.00
LOWER RAQUET___HYD 24057	38.53 1.24 0.00	36.43 1.34 0.00	34.11 1.19 0.00	32.28 1.13 0.00	31.93 1.13 0.00	45.37 1.77 0.00	46.35 1.75 0.00	52.52 1.87 0.00	43.28 1.33 0.00	41.27 1.31 0.00	44.86 1.56 0.00	49.53 1.43 0.00	54.51 1.60 0.00	59.38 1.83 0.00	58.00 1.74 0.00	66.12 1.87 0.00	70.48 1.30 -0.08	81.11 1.08 -0.89	94.31 0.35 -1.05	82.81 1.21 0.00	91.21 2.19 -0.03	483.98 3.32 -405.86	194.20 3.03 -132.63	114.52 2.05 -66.77
LOWER___HUDSON 24059	38.04 0.75 0.00	35.90 0.82 0.00	33.83 0.90 0.00	31.97 0.81 0.00	31.64 0.84 0.00	44.67 1.08 0.00	45.63 1.04 0.00	51.88 1.23 0.00	43.03 1.08 0.00	40.73 0.77 0.00	43.48 0.44 0.26	46.81 0.43 1.73	50.91 0.32 2.32	55.14 0.30 2.71	56.18 0.23 0.31	64.58 0.33 0.00	69.53 0.43 0.00	80.03 0.88 0.00	95.00 2.09 0.00	83.04 1.45 0.00	90.20 1.20 0.00	75.75 0.95 0.00	59.13 0.59 0.00	46.24 0.53 0.00
LOWVILLE_115KV_TB2 356335	39.18 1.89 0.00	36.50 1.41 0.00	34.29 1.36 0.00	32.36 1.21 0.00	32.04 1.24 0.00	45.62 2.02 0.00	46.58 1.99 0.00	52.71 2.05 0.00	43.49 1.54 0.00	41.22 1.26 0.00	44.64 1.34 0.00	49.53 1.43 0.00	54.39 1.48 0.00	59.33 1.78 0.00	58.07 1.81 0.00	66.39 2.14 0.00	71.75 2.47 -0.18	84.70 3.46 -2.09	100.54 5.16 -2.46	87.10 5.50 0.00	95.72 6.66 -0.07	195.60 5.66 -115.15	100.17 4.11 -37.52	67.13 2.54 -18.89
LUTHERFT_115KV_GLOB_FND_222 355753	38.73 1.44 0.00	36.46 1.37 0.00	34.32 1.40 0.00	32.44 1.28 0.00	32.09 1.29 0.00	45.36 1.76 0.00	46.36 1.77 0.00	52.66 2.01 0.00	43.62 1.67 0.00	41.29 1.33 0.00	44.13 1.04 0.20	47.88 1.13 1.35	52.20 1.11 1.82	56.62 1.17 2.10	57.26 1.24 0.24	65.85 1.60 0.00	71.02 1.92 0.00	81.85 2.70 0.00	97.37 4.46 0.00	85.14 3.54 0.00	92.47 3.48 0.00	77.57 2.77 0.00	60.45 1.91 0.00	47.20 1.50 0.00

LUTHERNY_35_KV_BK2 355980	38.70 1.41 0.00	36.47 1.38 0.00	34.34 1.42 0.00	32.44 1.28 0.00	32.09 1.29 0.00	45.40 1.80 0.00	46.38 1.79 0.00	52.69 2.04 0.00	43.64 1.69 0.00	41.30 1.34 0.00	44.12 1.03 0.20	47.89 1.13 1.35	52.20 1.11 1.82	56.65 1.20 2.10	57.27 1.25 0.24	65.92 1.67 0.00	71.10 2.00 0.00	81.96 2.81 0.00	97.46 4.55 0.00	85.18 3.59 0.00	92.50 3.51 0.00	77.60 2.80 0.00	60.43 1.88 0.00	47.20 1.50 0.00
LWR___OSWEGATCHIE_HYD 23850	38.75 1.46 0.00	36.45 1.36 0.00	34.17 1.25 0.00	32.31 1.15 0.00	31.96 1.16 0.00	45.44 1.84 0.00	46.43 1.83 0.00	52.58 1.92 0.00	43.33 1.38 0.00	41.22 1.26 0.00	44.74 1.45 0.00	49.47 1.37 0.00	54.38 1.48 0.00	59.30 1.75 0.00	57.99 1.73 0.00	66.18 1.93 0.00	71.05 1.79 -0.16	83.13 2.20 -1.78	97.77 2.76 -2.10	85.08 3.48 0.00	93.67 4.61 -0.06	354.48 4.63 -275.05	152.01 3.66 -89.81	93.26 2.35 -45.21
LYONS_FALL_HYD 23570	38.84 1.55 0.00	36.28 1.19 0.00	34.07 1.14 0.00	32.19 1.03 0.00	31.84 1.04 0.00	45.26 1.67 0.00	46.26 1.67 0.00	52.37 1.71 0.00	43.25 1.31 0.00	41.07 1.11 0.00	44.50 1.21 0.00	49.43 1.33 0.00	54.32 1.42 0.00	59.22 1.66 0.00	58.00 1.74 0.00	66.30 2.05 0.00	71.59 2.35 -0.14	83.94 3.25 -1.54	99.46 4.73 -1.82	86.31 4.71 0.00	94.56 5.52 -0.05	155.63 4.59 -76.25	86.65 3.27 -24.83	60.28 2.08 -12.50
MADISON___COUNTY_LFGE 323628	38.43 1.15 0.00	36.01 0.92 0.00	33.79 0.87 0.00	31.98 0.83 0.00	31.58 0.78 0.00	44.86 1.27 0.00	45.88 1.29 0.00	52.09 1.44 0.00	43.02 1.07 0.00	40.90 0.94 0.00	44.24 0.94 0.00	49.17 1.06 0.00	54.13 1.23 0.00	59.00 1.45 0.00	57.87 1.61 0.00	66.18 1.93 0.00	71.52 2.27 -0.15	83.97 3.10 -1.72	99.38 4.43 -2.03	85.58 3.99 0.00	93.42 4.37 -0.05	101.42 3.38 -23.24	68.34 2.31 -7.49	51.03 1.56 -3.77
MALONE___115KV_TB1 356076	38.18 0.90 0.00	36.10 1.01 0.00	33.79 0.86 0.00	31.96 0.81 0.00	31.60 0.80 0.00	44.87 1.28 0.00	45.92 1.33 0.00	52.14 1.48 0.00	43.07 1.12 0.00	41.15 1.19 0.00	44.73 1.43 0.00	49.45 1.35 0.00	54.36 1.45 0.00	59.18 1.63 0.00	57.92 1.66 0.00	66.02 1.77 0.00	70.63 1.53 0.00	80.61 1.45 0.00	93.96 1.05 0.00	83.13 1.53 0.00	91.09 2.09 0.00	433.57 2.66 -356.11	206.08 2.28 -145.25	79.01 1.41 -31.90
MAPLEWOD_115KV_TB3 80458	37.69 0.40 0.00	35.57 0.48 0.00	33.50 0.57 0.00	31.68 0.53 0.00	31.35 0.55 0.00	44.23 0.63 0.00	45.26 0.67 0.00	51.47 0.82 0.00	42.75 0.80 0.00	40.49 0.53 0.00	43.40 0.30 0.19	47.12 0.31 1.29	51.35 0.18 1.74	55.66 0.13 2.02	56.15 0.11 0.23	64.44 0.19 0.00	69.40 0.30 0.00	79.72 0.57 0.00	94.38 1.48 0.00	82.47 0.88 0.00	89.58 0.59 0.00	75.21 0.41 0.00	58.72 0.18 0.00	45.92 0.22 0.00
MAPLE_RIDGE_WT_1 323574	37.09 -0.19 0.00	34.81 -0.28 0.00	32.66 -0.26 0.00	30.93 -0.23 0.00	30.64 -0.15 0.00	43.47 -0.13 0.00	44.53 -0.06 0.00	50.61 -0.04 0.00	41.97 0.01 0.00	40.00 0.04 0.00	43.39 0.09 0.00	48.16 0.06 0.00	52.98 0.07 0.00	57.62 0.06 0.00	56.32 0.06 0.00	64.31 0.06 0.00	69.10 0.00 0.00	79.11 -0.05 0.00	92.73 -0.17 0.00	81.51 -0.08 0.00	89.03 0.04 0.00	71.35 0.13 3.59	56.98 0.15 1.72	45.37 -0.15 0.18
MAPLE_RIDGE_WT_2 323611	37.09 -0.19 0.00	34.81 -0.28 0.00	32.66 -0.26 0.00	30.93 -0.23 0.00	30.64 -0.15 0.00	43.47 -0.13 0.00	44.53 -0.06 0.00	50.61 -0.04 0.00	41.97 0.01 0.00	40.00 0.04 0.00	43.39 0.09 0.00	48.16 0.06 0.00	52.98 0.07 0.00	57.62 0.06 0.00	56.32 0.06 0.00	64.31 0.06 0.00	69.10 0.00 0.00	79.11 -0.05 0.00	92.73 -0.17 0.00	81.51 -0.08 0.00	89.03 0.04 0.00	71.35 0.13 3.59	56.98 0.15 1.72	45.37 -0.15 0.18
MARBLE_RIVER_WT_PWR 323696	37.43 0.14 0.00	35.45 0.36 0.00	33.21 0.29 0.00	31.42 0.26 0.00	31.06 0.26 0.00	44.05 0.46 0.00	45.06 0.47 0.00	51.16 0.50 0.00	42.33 0.37 0.00	40.42 0.46 0.00	43.92 0.62 0.00	48.56 0.46 0.00	53.35 0.45 0.00	58.04 0.48 0.00	56.72 0.46 0.00	64.73 0.48 0.00	69.43 0.33 0.00	79.03 -0.12 0.00	92.07 -0.84 0.00	81.25 -0.35 0.00	89.05 0.06 0.00	68.30 0.69 7.19	48.37 0.75 10.92	44.89 0.37 1.18
MARSHVLE_115KV_TB1 80742	39.25 1.96 0.00	36.73 1.64 0.00	34.33 1.40 0.00	32.45 1.29 0.00	32.04 1.24 0.00	45.48 1.88 0.00	46.64 2.05 0.00	52.79 2.13 0.00	43.16 1.21 0.00	40.81 0.85 0.00	44.17 1.02 0.15	48.39 1.30 1.01	53.24 1.69 1.36	58.00 1.77 1.32	57.97 1.85 0.14	66.77 2.52 0.00	72.35 3.25 0.00	83.01 3.86 0.00	98.13 5.22 0.00	86.70 5.10 0.00	94.65 5.65 0.00	79.62 4.82 0.00	62.33 3.78 0.00	48.43 2.73 0.00
MARSH_HILL_WT_PWR 323713	37.48 0.19 0.00	34.99 -0.10 0.00	32.95 0.03 0.00	31.18 0.02 0.00	30.69 -0.11 0.00	44.07 0.47 0.00	44.75 0.15 0.00	50.47 -0.19 0.00	41.65 -0.30 0.00	40.10 0.14 0.00	43.82 0.52 0.00	48.77 0.67 0.00	53.91 1.01 0.00	58.90 1.35 0.00	57.81 1.55 0.00	65.86 1.61 0.00	71.63 2.41 -0.12	84.03 3.49 -1.39	99.25 4.70 -1.64	85.36 3.77 0.00	92.76 3.73 -0.04	77.37 2.32 -0.26	59.90 1.36 0.00	46.42 0.72 0.00
MCINTYRE_115KV_TB2 80467	39.21 1.92 0.00	37.06 1.96 0.00	34.69 1.76 0.00	32.84 1.69 0.00	32.48 1.68 0.00	46.18 2.58 0.00	47.14 2.55 0.00	53.28 2.63 0.00	43.64 1.69 0.00	41.43 1.47 0.00	45.13 1.84 0.00	49.67 1.57 0.00	54.69 1.78 0.00	59.69 2.14 0.00	58.16 1.90 0.00	66.26 2.01 0.00	70.69 1.59 0.00	80.76 1.61 0.00	94.51 1.60 0.00	84.58 2.99 0.00	93.41 4.42 0.00	516.99 4.97 -437.23	203.25 4.15 -140.56	122.80 2.93 -74.17
MECO_____69_KV_BK1 80468	39.65 2.36 0.00	37.15 2.06 0.00	34.77 1.84 0.00	32.86 1.71 0.00	32.46 1.66 0.00	46.03 2.44 0.00	47.22 2.63 0.00	53.51 2.85 0.00	43.75 1.80 0.00	40.95 0.99 0.00	43.92 0.78 0.15	48.05 0.96 1.01	52.67 1.13 1.36	57.58 1.44 1.41	57.49 1.38 0.15	66.48 2.23 0.00	72.52 3.42 0.00	83.22 4.07 0.00	99.38 6.47 0.00	87.75 6.16 0.00	95.79 6.80 0.00	80.43 5.63 0.00	62.72 4.18 0.00	48.76 3.06 0.00
MENANDS___115KV_TB5 355628	37.35 0.06 0.00	35.28 0.19 0.00	33.25 0.32 0.00	31.45 0.29 0.00	31.13 0.33 0.00	43.91 0.31 0.00	44.92 0.33 0.00	51.10 0.45 0.00	42.47 0.52 0.00	40.21 0.25 0.00	43.11 0.01 0.19	46.80 -0.01 1.29	50.97 -0.20 1.73	55.21 -0.33 2.01	55.65 -0.38 0.23	63.84 -0.41 0.00	68.71 -0.38 0.00	78.90 -0.25 0.00	93.41 0.50 0.00	81.61 0.01 0.00	88.62 -0.37 0.00	74.43 -0.36 0.00	58.14 -0.41 0.00	45.51 -0.19 0.00
MG INDUSTRY___DRP 24185	36.85 -0.44 0.00	35.28 0.20 0.00	33.33 0.40 0.00	31.55 0.39 0.00	31.22 0.42 0.00	44.03 0.43 0.00	45.03 0.44 0.00	51.18 0.53 0.00	42.44 0.49 0.00	40.14 0.18 0.00	43.16 -0.03 0.11	47.20 -0.19 0.71	51.45 -0.50 0.96	55.73 -0.71 1.11	55.40 -0.73 0.12	63.46 -0.79 0.00	68.48 -0.62 0.00	78.44 -0.72 0.00	93.08 0.17 0.00	81.52 -0.07 0.00	88.69 -0.30 0.00	74.49 -0.31 0.00	58.24 -0.30 0.00	45.64 -0.07 0.00

MID___OSWEGATCHIE_HYD 23849	38.75 1.46 0.00	36.45 1.36 0.00	34.17 1.25 0.00	32.31 1.15 0.00	31.96 1.16 0.00	45.44 1.84 0.00	46.43 1.83 0.00	52.58 1.92 0.00	43.33 1.38 0.00	41.22 1.26 0.00	44.74 1.45 0.00	49.47 1.37 0.00	54.38 1.48 0.00	59.30 1.75 0.00	57.99 1.73 0.00	66.18 1.93 0.00	71.05 1.79 -0.16	83.13 2.20 -1.78	97.77 2.76 -2.10	85.08 3.48 0.00	93.67 4.61 -0.06	354.48 4.63 -275.05	152.01 3.66 -89.81	93.26 2.35 -45.21
MID___RAQUETTE_HYD 23851	38.53 1.24 0.00	36.43 1.34 0.00	34.11 1.19 0.00	32.28 1.13 0.00	31.93 1.13 0.00	45.36 1.77 0.00	46.35 1.75 0.00	52.52 1.87 0.00	43.28 1.33 0.00	41.27 1.31 0.00	44.86 1.56 0.00	49.53 1.43 0.00	54.51 1.60 0.00	59.38 1.83 0.00	58.00 1.74 0.00	66.11 1.86 0.00	70.48 1.30 -0.08	81.12 1.08 -0.89	94.31 0.35 -1.05	82.81 1.21 0.00	91.21 2.19 -0.03	483.98 3.32 -405.86	194.20 3.03 -132.63	114.52 2.05 -66.77
MILLIKEN___1 23584	38.06 0.77 0.00	35.64 0.55 0.00	33.34 0.42 0.00	31.54 0.38 0.00	31.19 0.39 0.00	44.32 0.72 0.00	45.23 0.64 0.00	51.25 0.60 0.00	42.27 0.32 0.00	40.28 0.32 0.00	43.64 0.34 0.00	48.52 0.42 0.00	53.42 0.52 0.00	58.29 0.74 0.00	57.07 0.82 0.00	65.34 1.08 0.00	70.82 1.40 -0.32	84.97 2.14 -3.68	100.66 3.41 -4.34	84.61 3.02 0.00	92.22 3.11 -0.12	77.72 2.24 -0.69	60.05 1.51 0.00	46.71 1.01 0.00
MILLIKEN___2 23585	38.06 0.77 0.00	35.64 0.55 0.00	33.34 0.42 0.00	31.54 0.38 0.00	31.19 0.39 0.00	44.32 0.72 0.00	45.23 0.64 0.00	51.25 0.60 0.00	42.27 0.32 0.00	40.28 0.32 0.00	43.64 0.34 0.00	48.52 0.42 0.00	53.42 0.52 0.00	58.29 0.74 0.00	57.07 0.82 0.00	65.34 1.08 0.00	70.82 1.40 -0.32	84.97 2.14 -3.68	100.66 3.41 -4.34	84.61 3.02 0.00	92.22 3.11 -0.12	77.72 2.24 -0.69	60.05 1.51 0.00	46.71 1.01 0.00
MILLIKEN___DIESEL 23629	38.06 0.77 0.00	35.64 0.55 0.00	33.34 0.42 0.00	31.54 0.38 0.00	31.19 0.39 0.00	44.32 0.72 0.00	45.23 0.64 0.00	51.25 0.60 0.00	42.27 0.32 0.00	40.28 0.32 0.00	43.64 0.34 0.00	48.52 0.42 0.00	53.42 0.52 0.00	58.29 0.74 0.00	57.07 0.82 0.00	65.34 1.08 0.00	70.82 1.40 -0.32	84.97 2.14 -3.68	100.66 3.41 -4.34	84.61 3.02 0.00	92.22 3.11 -0.12	77.72 2.24 -0.69	60.05 1.51 0.00	46.71 1.01 0.00
MILLSEAT___LFGE 323607	39.02 1.73 0.00	36.20 1.11 0.00	33.71 0.79 0.00	32.00 0.84 0.00	31.46 0.65 0.00	45.05 1.45 0.00	45.28 0.69 0.00	51.27 0.61 0.00	42.13 0.18 0.00	40.80 0.84 0.00	44.65 1.36 0.00	49.90 1.80 0.00	55.76 2.85 0.00	60.97 3.42 0.00	60.03 3.77 0.00	68.30 4.05 0.00	73.63 4.53 0.00	84.20 5.04 0.00	99.02 6.11 0.00	86.21 4.61 0.00	93.38 4.39 0.00	78.11 3.31 0.00	61.64 3.10 0.00	47.86 2.16 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	38.04 0.75 0.00	35.82 0.73 0.00	33.58 0.66 0.00	31.74 0.59 0.00	31.35 0.55 0.00	44.20 0.60 0.00	45.51 0.91 0.00	51.89 1.24 0.00	43.16 1.21 0.00	41.04 1.08 0.00	44.69 1.19 -0.21	51.09 1.55 -1.43	56.38 1.54 -1.93	61.41 1.57 -2.28	57.94 1.43 -0.26	65.74 1.49 0.00	70.68 1.58 0.00	81.19 2.03 0.00	95.86 2.95 0.00	83.15 1.55 0.00	90.13 1.14 0.00	75.54 0.74 0.00	59.11 0.57 0.00	46.45 0.74 0.00
MILLWOOD_13_KV_LOAD 356217	38.11 0.82 0.00	35.89 0.79 0.00	33.64 0.71 0.00	31.80 0.64 0.00	31.40 0.60 0.00	44.27 0.67 0.00	45.58 0.99 0.00	51.97 1.31 0.00	43.23 1.28 0.00	41.11 1.15 0.00	44.77 1.26 -0.21	51.17 1.63 -1.43	56.48 1.64 -1.93	61.53 1.70 -2.28	58.07 1.55 -0.26	65.87 1.62 0.00	70.82 1.72 0.00	81.36 2.21 0.00	96.07 3.16 0.00	83.34 1.74 0.00	90.33 1.33 0.00	75.69 0.89 0.00	59.21 0.66 0.00	46.52 0.81 0.00
MODEL_CITY_ENERGY 24167	37.75 0.46 0.00	35.02 -0.06 0.00	32.63 -0.30 0.00	31.00 -0.15 0.00	30.46 -0.34 0.00	43.61 0.01 0.00	43.55 -1.04 0.00	49.22 -1.43 0.00	40.56 -1.40 0.00	39.66 -0.30 0.00	43.98 0.69 0.00	49.22 1.12 0.00	55.16 2.26 0.00	60.18 2.63 0.00	59.23 2.97 0.00	67.07 2.82 0.00	72.19 3.08 0.00	82.26 3.11 0.00	96.52 3.61 0.00	83.77 2.18 0.00	90.67 1.68 0.00	75.89 1.09 0.00	59.58 1.03 0.00	46.39 0.68 0.00
MODERN_LFGE___ 323580	37.75 0.46 0.00	35.02 -0.06 0.00	32.63 -0.30 0.00	31.00 -0.15 0.00	30.46 -0.34 0.00	43.61 0.01 0.00	43.55 -1.04 0.00	49.22 -1.43 0.00	40.56 -1.40 0.00	39.66 -0.30 0.00	43.98 0.69 0.00	49.22 1.12 0.00	55.16 2.26 0.00	60.18 2.63 0.00	59.23 2.97 0.00	67.07 2.82 0.00	72.19 3.08 0.00	82.26 3.11 0.00	96.52 3.61 0.00	83.77 2.18 0.00	90.67 1.68 0.00	75.89 1.09 0.00	59.58 1.03 0.00	46.39 0.68 0.00
MOHAWK_PAPER___DRP 24187	37.69 0.40 0.00	35.57 0.48 0.00	33.50 0.57 0.00	31.68 0.53 0.00	31.35 0.55 0.00	44.23 0.63 0.00	45.26 0.67 0.00	51.47 0.82 0.00	42.75 0.80 0.00	40.49 0.53 0.00	43.40 0.30 0.19	47.12 0.31 1.29	51.35 0.18 1.74	55.66 0.13 2.02	56.15 0.11 0.23	64.44 0.19 0.00	69.40 0.30 0.00	79.72 0.57 0.00	94.38 1.48 0.00	82.47 0.88 0.00	89.58 0.59 0.00	75.21 0.41 0.00	58.72 0.18 0.00	45.92 0.22 0.00
MOHICAN___35_KV_115KV_LD 80490	39.26 1.97 0.00	36.85 1.76 0.00	34.73 1.81 0.00	32.83 1.67 0.00	32.50 1.70 0.00	45.92 2.32 0.00	46.83 2.24 0.00	53.24 2.59 0.00	44.07 2.12 0.00	41.59 1.63 0.00	44.24 1.14 0.20	48.08 1.30 1.33	52.41 1.29 1.78	56.83 1.34 2.06	57.51 1.49 0.23	66.19 1.94 0.00	71.55 2.45 0.00	82.71 3.56 0.00	99.13 6.22 0.00	86.60 5.01 0.00	93.90 4.91 0.00	78.73 3.93 0.00	61.23 2.69 0.00	47.77 2.07 0.00
MONGAUP___HYD 23641	38.38 1.09 0.00	36.09 1.00 0.00	33.83 0.90 0.00	31.96 0.80 0.00	31.55 0.75 0.00	44.56 0.96 0.00	45.79 1.20 0.00	52.13 1.48 0.00	43.15 1.20 0.00	40.79 0.83 0.00	44.14 0.67 -0.18	50.20 0.89 -1.20	55.41 0.89 -1.62	60.38 0.92 -1.91	57.49 1.02 -0.22	65.69 1.44 0.00	70.55 1.45 0.00	81.22 2.07 0.00	96.20 3.30 0.00	84.05 2.46 0.00	91.41 2.42 0.00	76.61 1.81 0.00	60.14 1.60 0.00	46.98 1.28 0.00
MONTAUK___DIESEL 23721	32.48 1.73 6.53	36.79 1.70 0.00	34.66 1.74 0.00	32.87 1.71 0.00	32.35 1.55 0.00	45.31 1.71 0.00	43.41 1.81 2.99	15.56 2.01 37.10	12.40 1.91 31.47	15.50 2.04 26.50	46.08 2.56 -0.22	46.65 2.74 4.20	46.81 2.99 9.08	47.62 3.44 13.37	38.12 3.25 21.39	55.86 4.79 13.17	58.68 4.85 15.27	85.14 5.99 0.00	91.94 6.98 7.95	74.28 4.82 12.13	76.31 4.64 17.32	49.97 3.45 28.28	47.79 2.23 12.98	45.11 1.89 2.47
MOONROAD_115KV_HARTFLD_TB1-2 355988	37.85 0.56 0.00	34.87 -0.22 0.00	32.51 -0.42 0.00	30.89 -0.27 0.00	30.42 -0.38 0.00	43.76 0.16 0.00	43.98 -0.62 0.00	49.81 -0.84 0.00	41.42 -0.53 0.00	40.83 0.87 0.00	45.36 2.07 0.00	51.19 3.08 0.00	57.01 4.10 0.00	62.43 4.88 0.00	61.40 5.14 0.00	69.93 5.68 0.00	75.40 6.30 0.00	86.02 6.87 0.00	100.92 8.01 0.00	87.84 6.25 0.00	95.23 6.23 0.00	79.00 4.20 0.00	61.20 2.65 0.00	46.68 0.98 0.00

MORRIS_RIDGE___SOLAR 323848	37.60 0.32 0.00	34.90 -0.19 0.00	32.70 -0.23 0.00	31.04 -0.11 0.00	30.52 -0.28 0.00	43.79 0.19 0.00	44.29 -0.30 0.00	49.91 -0.74 0.00	41.08 -0.87 0.00	39.63 -0.33 0.00	43.51 0.22 0.00	48.61 0.51 0.00	53.96 1.06 0.00	58.86 1.31 0.00	57.77 1.51 0.00	65.81 1.56 0.00	71.38 2.18 -0.09	83.23 3.03 -1.05	98.22 4.07 -1.24	84.70 3.11 0.00	92.09 3.06 -0.03	76.84 1.85 -0.20	59.69 1.15 0.00	46.38 0.68 0.00
MORTIMER_115KV_TB3 55949	38.05 0.76 0.00	35.47 0.39 0.00	33.13 0.20 0.00	31.38 0.22 0.00	30.93 0.13 0.00	44.05 0.45 0.00	44.68 0.08 0.00	50.65 -0.01 0.00	41.79 -0.15 0.00	40.30 0.33 0.00	44.16 0.87 0.00	49.38 1.27 0.00	54.88 1.97 0.00	59.97 2.41 0.00	58.83 2.57 0.00	67.09 2.84 0.00	72.36 3.26 0.00	83.01 3.86 0.00	97.69 4.78 0.00	85.14 3.54 0.00	92.26 3.27 0.00	77.07 2.27 0.00	60.16 1.62 0.00	46.74 1.03 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	38.22 0.93 0.00	35.98 0.89 0.00	33.71 0.79 0.00	31.86 0.71 0.00	31.47 0.66 0.00	44.33 0.73 0.00	45.68 1.08 0.00	52.11 1.46 0.00	43.41 1.46 0.00	41.31 1.35 0.00	45.03 1.52 -0.22	51.44 1.88 -1.45	56.73 1.87 -1.95	61.74 1.89 -2.31	58.27 1.75 -0.26	66.09 1.84 0.00	71.03 1.93 0.00	81.55 2.40 0.00	96.20 3.29 0.00	83.34 1.75 0.00	90.31 1.31 0.00	75.65 0.85 0.00	59.23 0.69 0.00	46.61 0.91 0.00
MUNSVILLE_WIND_PWR 323609	39.85 2.56 0.00	37.24 2.16 0.00	34.87 1.95 0.00	33.03 1.87 0.00	32.68 1.88 0.00	46.53 2.94 0.00	47.79 3.20 0.00	54.20 3.54 0.00	44.69 2.74 0.00	42.47 2.51 0.00	46.10 2.80 0.00	51.35 3.24 0.00	56.57 3.67 0.00	61.63 4.08 0.00	60.37 4.11 0.00	69.28 5.03 0.00	75.12 5.81 -0.21	89.05 7.47 -2.43	105.60 9.83 -2.86	90.27 8.68 0.00	98.31 9.24 -0.08	82.16 6.91 -0.45	63.32 4.77 0.00	49.04 3.34 0.00
N SALMON___HYD 24042	38.18 0.89 0.00	36.10 1.01 0.00	33.79 0.86 0.00	31.96 0.81 0.00	31.60 0.80 0.00	44.88 1.28 0.00	45.92 1.33 0.00	52.14 1.48 0.00	43.07 1.12 0.00	41.15 1.19 0.00	44.73 1.43 0.00	49.44 1.34 0.00	54.36 1.45 0.00	59.18 1.63 0.00	57.92 1.66 0.00	66.02 1.77 0.00	70.64 1.53 0.00	80.61 1.45 0.00	93.96 1.05 0.00	83.13 1.53 0.00	91.09 2.09 0.00	433.56 2.66 -356.11	206.08 2.28 -145.25	79.01 1.41 -31.90
N.AKRON__115KV_KNAPP 355671	39.10 1.81 0.00	36.28 1.18 0.00	33.78 0.85 0.00	32.06 0.91 0.00	31.51 0.71 0.00	45.14 1.54 0.00	45.36 0.76 0.00	51.36 0.71 0.00	42.21 0.26 0.00	40.95 0.99 0.00	44.87 1.57 0.00	50.16 2.06 0.00	56.03 3.13 0.00	61.24 3.70 0.00	60.15 3.89 0.00	68.45 4.20 0.00	73.63 4.53 0.00	84.15 5.00 0.00	98.81 5.90 0.00	85.95 4.35 0.00	93.06 4.06 0.00	77.81 3.02 0.00	61.23 2.69 0.00	47.58 1.88 0.00
N.E_GEN_SANDY PD 24062	37.72 0.43 0.00	35.64 0.55 0.00	33.56 0.63 0.00	30.88 0.55 0.83	31.37 0.58 0.00	44.23 0.67 0.04	51.78 0.70 -6.48	52.06 0.90 -0.50	42.81 0.86 0.00	40.63 0.57 -0.10	41.86 0.25 1.69	38.95 0.29 9.44	40.32 0.12 12.70	42.58 0.02 14.99	54.46 -0.11 1.69	64.10 -0.15 0.00	68.90 -0.20 0.00	76.02 0.16 3.30	94.08 1.19 0.01	82.05 0.45 0.00	86.81 -0.04 2.15	74.73 -0.06 0.00	56.70 -0.15 1.69	44.74 0.07 1.04
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	38.07 0.78 0.00	35.84 0.75 0.00	33.59 0.66 0.00	31.75 0.59 0.00	31.34 0.54 0.00	44.22 0.62 0.00	45.54 0.95 0.00	51.94 1.29 0.00	43.17 1.22 0.00	41.05 1.09 0.00	44.73 1.23 -0.20	51.12 1.66 -1.36	56.46 1.73 -1.83	61.53 1.82 -2.16	58.17 1.67 -0.24	65.98 1.73 0.00	70.98 1.88 0.00	81.52 2.36 0.00	96.27 3.36 0.00	83.46 1.87 0.00	90.44 1.45 0.00	75.79 1.00 0.00	59.29 0.75 0.00	46.57 0.86 0.00
N.QUEENS_27_KV_LOAD 356247	38.34 1.05 0.00	36.00 0.91 0.00	33.76 0.83 0.00	31.94 0.79 0.00	31.53 0.73 0.00	44.28 0.68 0.00	45.80 1.21 0.00	52.18 1.53 0.00	43.91 1.60 -0.36	42.17 1.45 -0.75	45.03 1.51 -0.22	51.49 1.94 -1.45	56.65 1.80 -1.95	61.56 1.70 -2.30	66.15 1.65 -8.25	70.83 1.79 -4.79	73.91 1.78 -3.03	81.42 2.27 0.00	95.90 2.99 0.00	83.05 1.46 0.00	90.10 1.11 0.00	75.48 0.69 0.00	59.26 0.72 0.00	46.88 1.18 0.00
N.TROY___115KV_TB1 355778	38.04 0.75 0.00	35.91 0.82 0.00	33.83 0.90 0.00	31.97 0.81 0.00	31.64 0.84 0.00	44.68 1.08 0.00	45.64 1.04 0.00	51.89 1.23 0.00	43.03 1.08 0.00	40.73 0.76 0.00	43.48 0.44 0.26	46.81 0.43 1.73	50.90 0.32 2.32	55.15 0.31 2.71	56.20 0.24 0.31	64.59 0.34 0.00	69.54 0.44 0.00	80.03 0.88 0.00	95.00 2.09 0.00	83.04 1.45 0.00	90.20 1.20 0.00	75.75 0.96 0.00	59.13 0.59 0.00	46.23 0.53 0.00
NARROWS_GT1_1 24228	38.32 1.03 0.00	36.02 0.93 0.00	33.75 0.83 0.00	31.90 0.74 0.00	31.51 0.71 0.00	44.30 0.69 0.00	45.75 1.16 0.00	52.15 1.50 0.00	43.55 1.60 0.00	41.44 1.48 0.00	45.11 1.60 -0.22	51.59 2.03 -1.45	56.77 1.91 -1.95	61.76 1.90 -2.30	58.36 1.85 -0.26	66.16 1.91 0.00	71.05 1.95 0.00	81.58 2.43 0.00	96.12 3.21 0.00	83.21 1.62 0.00	90.18 1.18 0.00	75.57 0.78 0.00	59.35 0.81 0.00	46.86 1.15 0.00
NARROWS_GT1_2 24229	38.32 1.03 0.00	36.02 0.93 0.00	33.75 0.83 0.00	31.90 0.74 0.00	31.51 0.71 0.00	44.30 0.69 0.00	45.75 1.16 0.00	52.15 1.50 0.00	43.55 1.60 0.00	41.44 1.48 0.00	45.11 1.60 -0.22	51.59 2.03 -1.45	56.77 1.91 -1.95	61.76 1.90 -2.30	58.36 1.85 -0.26	66.16 1.91 0.00	71.05 1.95 0.00	81.58 2.43 0.00	96.12 3.21 0.00	83.21 1.62 0.00	90.18 1.18 0.00	75.57 0.78 0.00	59.35 0.81 0.00	46.86 1.15 0.00
NARROWS_GT1_3 24230	38.32 1.03 0.00	36.02 0.93 0.00	33.75 0.83 0.00	31.90 0.74 0.00	31.51 0.71 0.00	44.30 0.69 0.00	45.75 1.16 0.00	52.15 1.50 0.00	43.55 1.60 0.00	41.44 1.48 0.00	45.11 1.60 -0.22	51.59 2.03 -1.45	56.77 1.91 -1.95	61.76 1.90 -2.30	58.36 1.85 -0.26	66.16 1.91 0.00	71.05 1.95 0.00	81.58 2.43 0.00	96.12 3.21 0.00	83.21 1.62 0.00	90.18 1.18 0.00	75.57 0.78 0.00	59.35 0.81 0.00	46.86 1.15 0.00
NARROWS_GT1_4 24231	38.32 1.03 0.00	36.02 0.93 0.00	33.75 0.83 0.00	31.90 0.74 0.00	31.51 0.71 0.00	44.30 0.69 0.00	45.75 1.16 0.00	52.15 1.50 0.00	43.55 1.60 0.00	41.44 1.48 0.00	45.11 1.60 -0.22	51.59 2.03 -1.45	56.77 1.91 -1.95	61.76 1.90 -2.30	58.36 1.85 -0.26	66.16 1.91 0.00	71.05 1.95 0.00	81.58 2.43 0.00	96.12 3.21 0.00	83.21 1.62 0.00	90.18 1.18 0.00	75.57 0.78 0.00	59.35 0.81 0.00	46.86 1.15 0.00
NARROWS_GT1_5 24232	38.32 1.03 0.00	36.02 0.93 0.00	33.75 0.83 0.00	31.90 0.74 0.00	31.51 0.71 0.00	44.30 0.69 0.00	45.75 1.16 0.00	52.15 1.50 0.00	43.55 1.60 0.00	41.44 1.48 0.00	45.11 1.60 -0.22	51.59 2.03 -1.45	56.77 1.91 -1.95	61.76 1.90 -2.30	58.36 1.85 -0.26	66.16 1.91 0.00	71.05 1.95 0.00	81.58 2.43 0.00	96.12 3.21 0.00	83.21 1.62 0.00	90.18 1.18 0.00	75.57 0.78 0.00	59.35 0.81 0.00	46.86 1.15 0.00

NARROWS_GT1_6 24233	38.32 1.03 0.00	36.02 0.93 0.00	33.75 0.83 0.00	31.90 0.74 0.00	31.51 0.71 0.00	44.30 0.69 0.00	45.75 1.16 0.00	52.15 1.50 0.00	43.55 1.60 0.00	41.44 1.48 0.00	45.11 1.60 -0.22	51.59 2.03 -1.45	56.77 1.91 -1.95	61.76 1.90 -2.30	58.36 1.85 -0.26	66.16 1.91 0.00	71.05 1.95 0.00	81.58 2.43 0.00	96.12 3.21 0.00	83.21 1.62 0.00	90.18 1.18 0.00	75.57 0.78 0.00	59.35 0.81 0.00	46.86 1.15 0.00
NARROWS_GT1_7 24234	38.32 1.03 0.00	36.02 0.93 0.00	33.75 0.83 0.00	31.90 0.74 0.00	31.51 0.71 0.00	44.30 0.69 0.00	45.75 1.16 0.00	52.15 1.50 0.00	43.55 1.60 0.00	41.44 1.48 0.00	45.11 1.60 -0.22	51.59 2.03 -1.45	56.77 1.91 -1.95	61.76 1.90 -2.30	58.36 1.85 -0.26	66.16 1.91 0.00	71.05 1.95 0.00	81.58 2.43 0.00	96.12 3.21 0.00	83.21 1.62 0.00	90.18 1.18 0.00	75.57 0.78 0.00	59.35 0.81 0.00	46.86 1.15 0.00
NARROWS_GT1_8 24235	38.32 1.03 0.00	36.02 0.93 0.00	33.75 0.83 0.00	31.90 0.74 0.00	31.51 0.71 0.00	44.30 0.69 0.00	45.75 1.16 0.00	52.15 1.50 0.00	43.55 1.60 0.00	41.44 1.48 0.00	45.11 1.60 -0.22	51.59 2.03 -1.45	56.77 1.91 -1.95	61.76 1.90 -2.30	58.36 1.85 -0.26	66.16 1.91 0.00	71.05 1.95 0.00	81.58 2.43 0.00	96.12 3.21 0.00	83.21 1.62 0.00	90.18 1.18 0.00	75.57 0.78 0.00	59.35 0.81 0.00	46.86 1.15 0.00
NARROWS_GT2_1 24236	38.32 1.03 0.00	36.02 0.93 0.00	33.75 0.83 0.00	31.90 0.74 0.00	31.51 0.71 0.00	44.30 0.69 0.00	45.75 1.16 0.00	52.15 1.50 0.00	43.55 1.60 0.00	41.44 1.48 0.00	45.11 1.60 -0.22	51.59 2.03 -1.45	56.77 1.91 -1.95	61.76 1.90 -2.30	58.36 1.85 -0.26	66.16 1.91 0.00	71.05 1.95 0.00	81.58 2.43 0.00	96.12 3.21 0.00	83.21 1.62 0.00	90.18 1.18 0.00	75.57 0.78 0.00	59.35 0.81 0.00	46.86 1.15 0.00
NARROWS_GT2_2 24237	38.32 1.03 0.00	36.02 0.93 0.00	33.75 0.83 0.00	31.90 0.74 0.00	31.51 0.71 0.00	44.30 0.69 0.00	45.75 1.16 0.00	52.15 1.50 0.00	43.55 1.60 0.00	41.44 1.48 0.00	45.11 1.60 -0.22	51.59 2.03 -1.45	56.77 1.91 -1.95	61.76 1.90 -2.30	58.36 1.85 -0.26	66.16 1.91 0.00	71.05 1.95 0.00	81.58 2.43 0.00	96.12 3.21 0.00	83.21 1.62 0.00	90.18 1.18 0.00	75.57 0.78 0.00	59.35 0.81 0.00	46.86 1.15 0.00
NARROWS_GT2_3 24238	38.32 1.03 0.00	36.02 0.93 0.00	33.75 0.83 0.00	31.90 0.74 0.00	31.51 0.71 0.00	44.30 0.69 0.00	45.75 1.16 0.00	52.15 1.50 0.00	43.55 1.60 0.00	41.44 1.48 0.00	45.11 1.60 -0.22	51.59 2.03 -1.45	56.77 1.91 -1.95	61.76 1.90 -2.30	58.36 1.85 -0.26	66.16 1.91 0.00	71.05 1.95 0.00	81.58 2.43 0.00	96.12 3.21 0.00	83.21 1.62 0.00	90.18 1.18 0.00	75.57 0.78 0.00	59.35 0.81 0.00	46.86 1.15 0.00
NARROWS_GT2_4 24239	38.32 1.03 0.00	36.02 0.93 0.00	33.75 0.83 0.00	31.90 0.74 0.00	31.51 0.71 0.00	44.30 0.69 0.00	45.75 1.16 0.00	52.15 1.50 0.00	43.55 1.60 0.00	41.44 1.48 0.00	45.11 1.60 -0.22	51.59 2.03 -1.45	56.77 1.91 -1.95	61.76 1.90 -2.30	58.36 1.85 -0.26	66.16 1.91 0.00	71.05 1.95 0.00	81.58 2.43 0.00	96.12 3.21 0.00	83.21 1.62 0.00	90.18 1.18 0.00	75.57 0.78 0.00	59.35 0.81 0.00	46.86 1.15 0.00
NARROWS_GT2_5 24240	38.32 1.03 0.00	36.02 0.93 0.00	33.75 0.83 0.00	31.90 0.74 0.00	31.51 0.71 0.00	44.30 0.69 0.00	45.75 1.16 0.00	52.15 1.50 0.00	43.55 1.60 0.00	41.44 1.48 0.00	45.11 1.60 -0.22	51.59 2.03 -1.45	56.77 1.91 -1.95	61.76 1.90 -2.30	58.36 1.85 -0.26	66.16 1.91 0.00	71.05 1.95 0.00	81.58 2.43 0.00	96.12 3.21 0.00	83.21 1.62 0.00	90.18 1.18 0.00	75.57 0.78 0.00	59.35 0.81 0.00	46.86 1.15 0.00
NARROWS_GT2_6 24241	38.32 1.03 0.00	36.02 0.93 0.00	33.75 0.83 0.00	31.90 0.74 0.00	31.51 0.71 0.00	44.30 0.69 0.00	45.75 1.16 0.00	52.15 1.50 0.00	43.55 1.60 0.00	41.44 1.48 0.00	45.11 1.60 -0.22	51.59 2.03 -1.45	56.77 1.91 -1.95	61.76 1.90 -2.30	58.36 1.85 -0.26	66.16 1.91 0.00	71.05 1.95 0.00	81.58 2.43 0.00	96.12 3.21 0.00	83.21 1.62 0.00	90.18 1.18 0.00	75.57 0.78 0.00	59.35 0.81 0.00	46.86 1.15 0.00
NARROWS_GT2_7 24242	38.32 1.03 0.00	36.02 0.93 0.00	33.75 0.83 0.00	31.90 0.74 0.00	31.51 0.71 0.00	44.30 0.69 0.00	45.75 1.16 0.00	52.15 1.50 0.00	43.55 1.60 0.00	41.44 1.48 0.00	45.11 1.60 -0.22	51.59 2.03 -1.45	56.77 1.91 -1.95	61.76 1.90 -2.30	58.36 1.85 -0.26	66.16 1.91 0.00	71.05 1.95 0.00	81.58 2.43 0.00	96.12 3.21 0.00	83.21 1.62 0.00	90.18 1.18 0.00	75.57 0.78 0.00	59.35 0.81 0.00	46.86 1.15 0.00
NARROWS_GT2_8 24243	38.32 1.03 0.00	36.02 0.93 0.00	33.75 0.83 0.00	31.90 0.74 0.00	31.51 0.71 0.00	44.30 0.69 0.00	45.75 1.16 0.00	52.15 1.50 0.00	43.55 1.60 0.00	41.44 1.48 0.00	45.11 1.60 -0.22	51.59 2.03 -1.45	56.77 1.91 -1.95	61.76 1.90 -2.30	58.36 1.85 -0.26	66.16 1.91 0.00	71.05 1.95 0.00	81.58 2.43 0.00	96.12 3.21 0.00	83.21 1.62 0.00	90.18 1.18 0.00	75.57 0.78 0.00	59.35 0.81 0.00	46.86 1.15 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	37.84 0.55 0.00	35.80 0.71 0.00	33.80 0.88 0.00	31.99 0.83 0.00	31.68 0.88 0.00	44.74 1.14 0.00	45.78 1.19 0.00	52.14 1.48 0.00	43.26 1.31 0.00	40.83 0.87 0.00	43.80 0.58 0.07	48.12 0.51 0.49	52.26 0.02 0.67	56.73 -0.05 0.77	56.03 -0.14 0.09	64.16 -0.09 0.00	69.32 0.22 0.00	79.80 0.65 0.00	95.03 2.12 0.00	83.55 1.95 0.00	90.93 1.94 0.00	76.29 1.49 0.00	59.41 0.86 0.00	46.39 0.69 0.00
NCHELSEA_115KV_TR2 355582	38.39 1.10 0.00	36.12 1.03 0.00	33.87 0.94 0.00	32.00 0.84 0.00	31.61 0.81 0.00	44.60 1.00 0.00	45.89 1.30 0.00	52.33 1.68 0.00	43.51 1.56 0.00	41.37 1.41 0.00	44.98 1.52 -0.17	51.16 1.91 -1.15	56.45 2.00 -1.55	61.52 2.14 -1.83	58.50 2.03 -0.21	66.53 2.28 0.00	71.59 2.49 0.00	82.29 3.14 0.00	97.18 4.28 0.00	84.38 2.79 0.00	91.44 2.44 0.00	76.56 1.76 0.00	59.80 1.26 0.00	46.87 1.16 0.00
NEG CAPITAL____MECHNVIL 23645	38.78 1.49 0.00	36.51 1.42 0.00	34.37 1.44 0.00	32.47 1.32 0.00	32.12 1.32 0.00	45.41 1.81 0.00	46.41 1.82 0.00	52.73 2.08 0.00	43.71 1.76 0.00	41.38 1.42 0.00	44.22 1.15 0.22	47.88 1.26 1.49	52.18 1.28 2.00	56.59 1.37 2.33	57.41 1.41 0.26	66.06 1.81 0.00	71.25 2.15 0.00	82.11 2.96 0.00	97.61 4.71 0.00	85.29 3.70 0.00	92.60 3.61 0.00	77.65 2.86 0.00	60.54 2.00 0.00	47.25 1.55 0.00
NEG CENTRAL_HIGH_ACRES 23767	37.25 -0.04 0.00	34.75 -0.34 0.00	32.46 -0.46 0.00	30.73 -0.43 0.00	30.32 -0.47 0.00	43.15 -0.45 0.00	43.86 -0.73 0.00	49.76 -0.90 0.00	41.08 -0.87 0.00	39.49 -0.47 0.00	43.19 -0.11 0.00	48.25 0.15 0.00	53.55 0.65 0.00	58.51 0.96 0.00	57.44 1.18 0.00	65.57 1.32 0.00	70.73 1.63 0.00	81.15 2.00 0.00	95.60 2.69 0.00	83.41 1.81 0.00	90.39 1.39 0.00	75.52 0.72 0.00	58.84 0.30 0.00	45.73 0.03 0.00



NEG CENTRAL___DRP 24199	37.82 0.53 0.00	35.34 0.24 0.00	33.04 0.12 0.00	31.28 0.12 0.00	30.89 0.09 0.00	43.96 0.36 0.00	44.89 0.29 0.00	51.25 0.60 0.00	41.92 -0.03 0.00	40.07 0.11 0.00	43.57 0.28 0.00	48.46 0.36 0.00	53.46 0.56 0.00	58.44 0.89 0.00	57.26 1.00 0.00	65.55 1.30 0.00	71.15 1.73 -0.32	85.29 2.49 -3.66	100.68 3.45 -4.32	84.51 2.92 0.00	91.89 2.79 -0.12	77.36 1.88 -0.68	59.70 1.15 0.00	46.44 0.73 0.00
NEG CENTRAL___INDECK 23768	38.09 0.80 0.00	35.40 0.31 0.00	33.13 0.20 0.00	31.39 0.23 0.00	30.92 0.12 0.00	44.24 0.64 0.00	45.00 0.41 0.00	50.88 0.22 0.00	41.60 -0.35 0.00	39.91 -0.05 0.00	43.60 0.30 0.00	48.66 0.55 0.00	53.82 0.91 0.00	58.89 1.34 0.00	57.81 1.55 0.00	66.00 1.75 0.00	71.85 2.75 0.00	82.91 3.75 0.00	98.31 5.40 0.00	86.04 4.45 0.00	93.64 4.65 0.00	78.05 3.25 0.00	60.70 2.16 0.00	47.20 1.49 0.00
NEG CENTRAL___SENECA 23627	38.04 0.75 0.00	35.49 0.40 0.00	33.19 0.27 0.00	31.43 0.27 0.00	31.02 0.22 0.00	44.22 0.62 0.00	45.09 0.49 0.00	51.05 0.40 0.00	42.12 0.17 0.00	40.32 0.36 0.00	43.89 0.59 0.00	48.78 0.68 0.00	53.81 0.91 0.00	58.85 1.30 0.00	57.75 1.49 0.00	66.10 1.85 0.00	71.66 2.38 -0.18	84.45 3.28 -2.02	99.61 4.32 -2.39	85.30 3.70 0.00	92.64 3.58 -0.07	77.67 2.50 -0.38	60.11 1.57 0.00	46.72 1.01 0.00
NEG CENTRAL___STATE_STREET 24147	37.77 0.48 0.00	35.39 0.30 0.00	33.01 0.08 0.00	31.23 0.07 0.00	30.95 0.15 0.00	43.94 0.34 0.00	44.74 0.15 0.00	50.68 0.02 0.00	41.85 -0.10 0.00	39.89 -0.06 0.00	43.29 -0.01 0.00	48.19 0.09 0.00	53.11 0.21 0.00	57.98 0.43 0.00	56.85 0.59 0.00	65.04 0.79 0.00	70.61 1.09 -0.42	85.68 1.71 -4.82	101.34 2.75 -5.68	83.89 2.29 0.00	91.32 2.18 -0.15	77.16 1.46 -0.90	59.58 1.03 0.00	46.35 0.65 0.00
NEG MILLWOOD___DRP 24198	38.42 1.13 0.00	36.15 1.06 0.00	33.88 0.96 0.00	32.02 0.86 0.00	31.63 0.83 0.00	44.61 1.02 0.00	45.93 1.33 0.00	52.40 1.75 0.00	43.58 1.64 0.00	41.46 1.50 -0.19	45.11 1.62 -1.28	51.43 2.04 -1.72	56.77 2.14 -2.04	61.90 2.31 -0.23	58.67 2.18 0.00	66.69 2.44 0.00	71.73 2.63 0.00	82.45 3.30 0.00	97.36 4.45 0.00	84.47 2.88 0.00	91.44 2.44 0.00	76.58 1.78 0.00	59.81 1.27 0.00	46.89 1.18 0.00
NEG NORTH_FLCN_SEA 23793	37.23 -0.05 0.00	35.41 0.32 0.00	33.18 0.25 0.00	31.38 0.23 0.00	31.02 0.23 0.00	44.02 0.42 0.00	45.04 0.44 0.00	51.14 0.49 0.00	42.28 0.33 0.00	40.40 0.44 0.00	43.90 0.60 0.00	48.45 0.34 0.00	53.08 0.17 0.00	57.75 0.20 0.00	56.46 0.20 0.00	64.43 0.17 0.00	69.14 0.04 0.00	78.68 -0.47 0.00	91.73 -1.18 0.00	80.96 -0.63 0.00	88.65 -0.35 0.00	68.76 0.40 6.43	47.23 0.48 11.79	44.54 0.12 1.28
NEG NORTH_KES_CHATEGAY 23792	37.55 0.26 0.00	35.54 0.45 0.00	33.29 0.37 0.00	31.49 0.33 0.00	31.12 0.32 0.00	44.17 0.57 0.00	45.19 0.60 0.00	51.26 0.60 0.00	42.37 0.42 0.00	40.47 0.51 0.00	43.98 0.68 0.00	48.61 0.51 0.00	53.44 0.54 0.00	58.14 0.59 0.00	56.83 0.58 0.00	64.82 0.57 0.00	69.54 0.44 0.00	79.12 -0.03 0.00	92.14 -0.77 0.00	81.50 -0.09 0.00	89.41 0.42 0.00	75.59 1.03 0.23	46.60 1.03 12.98	49.70 0.55 -3.44
NEG NORTH___ALICE_FALLS 23915	37.57 0.28 0.00	35.63 0.54 0.00	33.38 0.45 0.00	31.56 0.41 0.00	31.20 0.40 0.00	44.29 0.69 0.00	45.31 0.72 0.00	51.43 0.77 0.00	42.49 0.54 0.00	40.56 0.60 0.00	44.07 0.78 0.00	48.69 0.59 0.00	53.44 0.54 0.00	58.16 0.61 0.00	56.88 0.62 0.00	64.96 0.71 0.00	69.78 0.68 0.00	79.42 0.27 0.00	92.67 -0.24 0.00	81.91 0.32 0.00	89.63 0.64 0.00	70.46 1.23 5.57	46.87 1.12 12.79	44.87 0.56 1.39
NEG NORTH___LWR_SARANAC 23913	37.57 0.28 0.00	35.63 0.54 0.00	33.38 0.45 0.00	31.56 0.41 0.00	31.20 0.40 0.00	44.29 0.69 0.00	45.31 0.72 0.00	51.43 0.77 0.00	42.49 0.54 0.00	40.56 0.60 0.00	44.07 0.78 0.00	48.69 0.59 0.00	53.44 0.54 0.00	58.16 0.61 0.00	56.88 0.62 0.00	64.96 0.71 0.00	69.78 0.68 0.00	79.42 0.27 0.00	92.67 -0.24 0.00	81.91 0.32 0.00	89.63 0.64 0.00	70.46 1.23 5.57	46.87 1.12 12.79	44.87 0.56 1.39
NEG NORTH___PLATTSBURG 23628	37.57 0.28 0.00	35.63 0.54 0.00	33.38 0.45 0.00	31.56 0.41 0.00	31.21 0.40 0.00	44.29 0.69 0.00	45.31 0.72 0.00	51.43 0.77 0.00	42.49 0.53 0.00	40.56 0.60 0.00	44.07 0.78 0.00	48.69 0.59 0.00	53.45 0.54 0.00	58.16 0.61 0.00	56.88 0.62 0.00	64.96 0.71 0.00	69.78 0.68 0.00	79.42 0.27 0.00	92.67 -0.24 0.00	81.91 0.31 0.00	89.63 0.64 0.00	70.46 1.23 5.57	46.87 1.12 12.79	44.87 0.56 1.39
NEG WEST_LEA_LOCKPORT 23791	38.11 0.82 0.00	35.34 0.25 0.00	32.92 0.00 0.00	31.29 0.13 0.00	30.72 -0.08 0.00	43.98 0.39 0.00	43.98 -0.62 0.00	49.70 -0.96 0.00	40.93 -1.02 0.00	40.03 0.07 0.00	44.38 1.08 0.00	49.69 1.59 0.00	55.65 2.75 0.00	60.74 3.19 0.00	59.58 3.32 0.00	67.55 3.30 0.00	72.77 3.66 0.00	83.14 3.99 0.00	97.54 4.63 0.00	84.70 3.11 0.00	91.69 2.70 0.00	76.65 1.86 0.00	60.18 1.64 0.00	46.84 1.14 0.00
NEG WEST___LANCASTR 23811	39.06 1.77 0.00	36.15 1.06 0.00	33.67 0.75 0.00	31.97 0.81 0.00	31.38 0.58 0.00	45.00 1.40 0.00	45.09 0.50 0.00	50.97 0.32 0.00	42.10 0.15 0.00	41.25 1.29 0.00	45.78 2.49 0.00	51.40 3.29 0.00	57.55 4.64 0.00	62.94 5.39 0.00	61.84 5.58 0.00	70.20 5.95 0.00	75.66 6.56 0.00	86.54 7.39 0.00	101.50 8.59 0.00	87.99 6.40 0.00	95.14 6.15 0.00	79.34 4.54 0.00	62.01 3.47 0.00	48.10 2.40 0.00
NEG_PENN_ALLEGHNY 23528	37.58 0.29 0.00	35.18 0.09 0.00	32.97 0.05 0.00	31.25 0.09 0.00	30.85 0.05 0.00	43.88 0.28 0.00	44.78 0.19 0.00	50.74 0.09 0.00	41.99 0.04 0.00	40.13 0.17 0.00	43.63 0.34 0.00	48.69 0.58 0.00	53.59 0.69 0.00	58.54 0.99 0.00	57.31 1.05 0.00	65.52 1.27 0.00	70.74 1.43 -0.21	83.44 1.93 -2.36	98.37 2.68 -2.78	83.56 1.96 0.00	90.92 1.85 -0.07	76.41 1.18 -0.44	59.28 0.74 0.00	46.20 0.49 0.00
NEG___GEN_MONROE 24207	38.76 1.47 0.00	36.07 0.98 0.00	33.61 0.68 0.00	31.86 0.70 0.00	31.34 0.54 0.00	44.72 1.12 0.00	45.35 0.76 0.00	51.34 0.69 0.00	42.20 0.25 0.00	40.67 0.71 0.00	44.52 1.22 0.00	49.75 1.65 0.00	55.43 2.52 0.00	60.63 3.08 0.00	59.48 3.23 0.00	67.85 3.61 0.00	73.03 3.92 0.00	83.80 4.65 0.00	98.88 5.96 0.00	86.34 4.75 0.00	93.38 4.39 0.00	78.04 3.24 0.00	61.20 2.66 0.00	47.59 1.89 0.00
NEPA___ENERGY 23901	37.90 0.61 0.00	35.07 -0.02 0.00	32.70 -0.22 0.00	31.09 -0.06 0.00	30.56 -0.24 0.00	43.97 0.37 0.00	44.17 -0.42 0.00	49.81 -0.84 0.00	41.18 -0.77 0.00	40.16 0.19 0.00	44.40 1.11 0.00	50.01 1.91 0.00	55.55 2.65 0.00	60.96 3.41 0.00	59.80 3.54 0.00	68.01 3.76 0.00	73.15 4.05 0.00	83.92 4.77 0.00	98.40 5.49 0.00	85.53 3.94 0.00	92.77 3.78 0.00	77.31 2.51 0.00	60.35 1.81 0.00	46.69 0.99 0.00

NEVERSINK___HYD 23608	37.84 0.55 0.00	35.57 0.47 0.00	33.31 0.38 0.00	31.46 0.30 0.00	31.06 0.26 0.00	43.85 0.25 0.00	45.09 0.50 0.00	51.39 0.74 0.00	42.70 0.75 0.00	40.60 0.64 0.00	44.11 0.68 -0.14	49.93 0.91 -0.91	55.12 0.99 -1.23	59.95 0.96 -1.45	55.73 -0.69 -0.16	63.44 -0.81 0.00	68.49 -0.61 0.00	78.73 -0.42 0.00	93.12 0.21 0.00	81.34 -0.25 0.00	90.65 1.66 0.00	75.91 1.11 0.00	59.27 0.73 0.00	46.33 0.63 0.00
NEWKRMKL_115KV_TB1 55635	37.17 -0.12 0.00	35.10 0.01 0.00	33.08 0.15 0.00	31.30 0.14 0.00	30.98 0.18 0.00	43.68 0.08 0.00	44.72 0.13 0.00	50.88 0.22 0.00	42.30 0.35 0.00	40.05 0.09 0.00	43.01 -0.12 0.17	46.79 -0.16 1.15	50.98 -0.38 1.55	55.24 -0.51 1.80	55.51 -0.54 0.20	63.65 -0.60 0.00	68.56 -0.54 0.00	78.67 -0.48 0.00	93.06 0.15 0.00	81.34 -0.26 0.00	88.35 -0.64 0.00	74.18 -0.62 0.00	57.92 -0.62 0.00	45.34 -0.37 0.00
NEWTON___FALLS_HYD 23847	38.75 1.46 0.00	36.45 1.36 0.00	34.17 1.25 0.00	32.31 1.15 0.00	31.96 1.16 0.00	45.44 1.84 0.00	46.43 1.83 0.00	52.58 1.92 0.00	43.33 1.38 0.00	41.22 1.26 0.00	44.74 1.45 0.00	49.47 1.37 0.00	54.38 1.48 0.00	59.30 1.75 0.00	57.99 1.73 0.00	66.18 1.93 0.00	71.05 1.79 -0.16	83.13 2.20 -1.78	97.77 2.76 -2.10	85.08 3.48 0.00	93.67 4.61 -0.06	354.48 4.63 -275.05	152.01 3.66 -89.81	93.26 2.35 -45.21
NGRID_A1_DSASP 323792	37.63 0.34 0.00	34.93 -0.16 0.00	32.55 -0.38 0.00	30.93 -0.22 0.00	30.37 -0.43 0.00	43.42 -0.18 0.00	43.41 -1.19 0.00	49.04 -1.62 0.00	40.41 -1.54 0.00	39.55 -0.41 0.00	43.94 0.64 0.00	49.18 1.08 0.00	55.10 2.20 0.00	60.07 2.52 0.00	59.08 2.82 0.00	66.86 2.60 0.00	71.81 2.71 0.00	81.80 2.65 0.00	96.00 3.09 0.00	83.24 1.65 0.00	90.11 1.12 0.00	75.35 0.55 0.00	59.18 0.64 0.00	46.15 0.45 0.00
NGRID_A2_DSASP 323793	37.63 0.34 0.00	34.93 -0.16 0.00	32.55 -0.38 0.00	30.93 -0.22 0.00	30.37 -0.43 0.00	43.42 -0.18 0.00	43.41 -1.19 0.00	49.04 -1.62 0.00	40.41 -1.54 0.00	39.55 -0.41 0.00	43.94 0.64 0.00	49.18 1.08 0.00	55.10 2.20 0.00	60.07 2.52 0.00	59.08 2.82 0.00	66.86 2.60 0.00	71.81 2.71 0.00	81.80 2.65 0.00	96.00 3.09 0.00	83.24 1.65 0.00	90.11 1.12 0.00	75.35 0.55 0.00	59.18 0.64 0.00	46.15 0.45 0.00
NGRID_A4_DSASP 323807	37.63 0.34 0.00	34.93 -0.16 0.00	32.55 -0.38 0.00	30.93 -0.22 0.00	30.37 -0.43 0.00	43.42 -0.18 0.00	43.41 -1.19 0.00	49.04 -1.62 0.00	40.41 -1.54 0.00	39.55 -0.41 0.00	43.94 0.64 0.00	49.18 1.08 0.00	55.10 2.20 0.00	60.07 2.52 0.00	59.08 2.82 0.00	66.86 2.60 0.00	71.81 2.71 0.00	81.80 2.65 0.00	96.00 3.09 0.00	83.24 1.65 0.00	90.11 1.12 0.00	75.35 0.55 0.00	59.18 0.64 0.00	46.15 0.45 0.00
NIAGARA_115E_LBMP 323715	37.56 0.27 0.00	34.84 -0.25 0.00	32.46 -0.47 0.00	30.85 -0.31 0.00	30.31 -0.49 0.00	43.39 -0.20 0.00	43.32 -1.27 0.00	48.93 -1.73 0.00	40.30 -1.64 0.00	39.44 -0.52 0.00	43.78 0.48 0.00	48.97 0.86 0.00	54.91 2.00 0.00	59.87 2.32 0.00	58.93 2.67 0.00	66.70 2.45 0.00	71.78 2.68 0.00	81.75 2.60 0.00	95.92 3.01 0.00	83.22 1.63 0.00	90.07 1.07 0.00	75.41 0.62 0.00	59.21 0.67 0.00	46.13 0.43 0.00
NIAGARA_115W_LBMP 323714	37.55 0.26 0.00	34.85 -0.24 0.00	32.47 -0.46 0.00	30.87 -0.29 0.00	30.30 -0.49 0.00	43.32 -0.28 0.00	43.31 -1.29 0.00	48.92 -1.74 0.00	40.32 -1.63 0.00	39.46 -0.50 0.00	43.82 0.53 0.00	49.06 0.96 0.00	54.96 2.05 0.00	59.91 2.35 0.00	58.93 2.67 0.00	66.67 2.42 0.00	71.61 2.51 0.00	81.60 2.44 0.00	95.75 2.84 0.00	83.02 1.43 0.00	89.89 0.90 0.00	75.17 0.37 0.00	59.04 0.50 0.00	46.04 0.34 0.00
NIAGARA_230_LBMP 323716	37.73 0.44 0.00	35.02 -0.06 0.00	32.65 -0.28 0.00	31.03 -0.13 0.00	30.46 -0.34 0.00	43.55 -0.05 0.00	43.58 -1.01 0.00	49.23 -1.42 0.00	40.58 -1.38 0.00	39.66 -0.29 0.00	44.00 0.71 0.00	49.27 1.16 0.00	55.13 2.23 0.00	60.13 2.58 0.00	59.11 2.85 0.00	66.94 2.69 0.00	71.89 2.79 0.00	81.93 2.78 0.00	96.21 3.30 0.00	83.49 1.90 0.00	90.39 1.40 0.00	75.57 0.77 0.00	59.34 0.79 0.00	46.24 0.53 0.00
NIAGARA___115KV_198_GIBSON 55903	37.55 0.26 0.00	34.85 -0.24 0.00	32.47 -0.46 0.00	30.87 -0.29 0.00	30.31 -0.49 0.00	43.32 -0.28 0.00	43.29 -1.30 0.00	48.89 -1.76 0.00	40.28 -1.67 0.00	39.45 -0.51 0.00	43.82 0.53 0.00	49.06 0.96 0.00	54.94 2.03 0.00	59.89 2.34 0.00	58.70 2.44 0.00	66.48 2.23 0.00	71.50 2.40 0.00	81.61 2.46 0.00	95.73 2.82 0.00	83.02 1.43 0.00	89.90 0.91 0.00	75.16 0.36 0.00	59.04 0.50 0.00	46.04 0.34 0.00
NIAGARA____ 23760	37.73 0.44 0.00	35.02 -0.06 0.00	32.65 -0.28 0.00	31.03 -0.13 0.00	30.46 -0.34 0.00	43.55 -0.05 0.00	43.58 -1.01 0.00	49.23 -1.42 0.00	40.58 -1.38 0.00	39.66 -0.29 0.00	44.00 0.71 0.00	49.27 1.16 0.00	55.13 2.23 0.00	60.13 2.58 0.00	59.11 2.85 0.00	66.94 2.69 0.00	71.89 2.79 0.00	81.93 2.78 0.00	96.21 3.30 0.00	83.49 1.90 0.00	90.39 1.40 0.00	75.57 0.77 0.00	59.34 0.79 0.00	46.24 0.53 0.00
NINE_MILE_1 23575	36.23 -1.05 0.00	34.03 -1.07 0.00	31.89 -1.04 0.00	30.18 -0.98 0.00	29.82 -0.98 0.00	42.25 -1.34 0.00	43.17 -1.42 0.00	48.99 -1.66 0.00	40.52 -1.43 0.00	38.65 -1.30 0.00	41.94 -1.36 0.00	46.65 -1.45 0.00	51.38 -1.53 0.00	55.98 -1.57 0.00	54.79 -1.47 0.00	62.58 -1.64 0.02	64.56 -1.67 2.87	44.77 -1.76 32.62	52.61 -1.79 38.51	79.93 -1.67 0.00	85.91 -2.04 1.04	66.81 -1.90 6.09	56.97 -1.58 0.00	44.42 -1.28 0.00
NINE_MILE_2 23744	36.23 -1.05 0.00	34.03 -1.07 0.00	31.89 -1.04 0.00	30.18 -0.98 0.00	29.82 -0.98 0.00	42.25 -1.34 0.00	43.17 -1.42 0.00	48.99 -1.66 0.00	40.52 -1.43 0.00	38.65 -1.30 0.00	41.94 -1.36 0.00	46.65 -1.45 0.00	51.38 -1.53 0.00	55.98 -1.57 0.00	54.79 -1.47 0.00	62.58 -1.64 0.02	64.51 -1.67 2.91	44.27 -1.76 33.12	52.03 -1.79 39.09	79.93 -1.67 0.00	85.90 -2.04 1.05	66.72 -1.90 6.18	56.97 -1.58 0.00	44.42 -1.28 0.00
NM_CAPITAL___DRP 24208	37.25 -0.04 0.00	35.18 0.09 0.00	33.16 0.24 0.00	31.37 0.21 0.00	31.06 0.26 0.00	43.79 0.19 0.00	44.80 0.21 0.00	50.98 0.32 0.00	42.37 0.42 0.00	40.12 0.16 0.00	43.01 -0.10 0.19	46.69 -0.13 1.27	50.85 -0.34 1.71	55.06 -0.49 1.99	55.49 -0.54 0.22	63.65 -0.60 0.00	68.51 -0.59 0.00	78.66 -0.49 0.00	93.12 0.21 0.00	81.36 -0.23 0.00	88.36 -0.63 0.00	74.22 -0.58 0.00	57.97 -0.57 0.00	45.38 -0.33 0.00
NM_CENTRAL___DRP 24181	36.96 -0.33 0.00	34.65 -0.45 0.00	32.47 -0.46 0.00	30.72 -0.44 0.00	30.34 -0.45 0.00	43.04 -0.56 0.00	43.99 -0.61 0.00	49.91 -0.75 0.00	41.29 -0.66 0.00	39.41 -0.55 0.00	42.80 -0.49 0.00	47.68 -0.43 0.00	52.56 -0.34 0.00	57.32 -0.23 0.00	56.13 -0.13 0.00	64.20 -0.06 0.00	69.45 0.07 -0.28	82.67 0.36 -3.16	97.43 0.79 -3.73	82.08 0.48 0.00	89.31 0.21 -0.10	79.37 -0.12 -4.69	60.21 -0.29 -1.97	45.57 -0.33 -0.20

NM_FRONTIER___DRP 24179	37.55 0.26 0.00	34.85 -0.24 0.00	32.47 -0.46 0.00	30.87 -0.29 0.00	30.31 -0.49 0.00	43.32 -0.28 0.00	43.29 -1.30 0.00	48.89 -1.76 0.00	40.28 -1.67 0.00	39.45 -0.51 0.00	43.82 0.53 0.00	49.06 0.96 0.00	54.94 2.03 0.00	59.89 2.34 0.00	58.70 2.44 0.00	66.48 2.23 0.00	71.50 2.40 0.00	81.61 2.46 0.00	95.73 2.82 0.00	83.02 1.43 0.00	89.90 0.91 0.00	75.16 0.36 0.00	59.04 0.50 0.00	46.04 0.34 0.00
NM_ST_REGIS___HYD 24053	38.47 1.18 0.00	36.37 1.28 0.00	34.05 1.12 0.00	32.22 1.07 0.00	31.86 1.06 0.00	45.28 1.68 0.00	46.27 1.68 0.00	52.46 1.81 0.00	43.23 1.28 0.00	41.25 1.29 0.00	44.82 1.52 0.00	49.50 1.40 0.00	54.47 1.57 0.00	59.33 1.78 0.00	57.98 1.72 0.00	66.10 1.85 0.00	70.46 1.36 0.00	80.34 1.19 0.00	93.44 0.53 0.00	82.91 1.32 0.00	91.19 2.20 0.00	473.50 3.22 -395.49	196.65 2.88 -135.23	107.22 1.92 -59.59
NORTHPORT___1 23551	30.78 0.13 6.64	35.54 0.45 0.00	33.44 0.51 0.00	31.71 0.55 0.00	31.29 0.49 0.00	43.86 0.26 0.00	41.90 0.35 3.04	12.91 -0.02 37.73	10.02 0.03 31.96	13.07 -0.02 26.87	44.06 0.55 -0.22	44.00 0.19 4.29	43.62 -0.02 9.26	43.73 -0.20 13.62	34.93 -0.38 20.95	51.15 -0.19 12.91	53.31 -0.57 15.22	78.90 -0.25 0.00	84.82 -0.02 8.08	68.27 -1.00 12.32	69.81 -1.59 17.59	44.33 -1.72 28.75	44.02 -1.33 13.20	42.68 -0.51 2.52
NORTHPORT___2 23552	30.78 0.13 6.64	35.54 0.45 0.00	33.44 0.51 0.00	31.71 0.55 0.00	31.29 0.49 0.00	43.86 0.26 0.00	41.90 0.35 3.04	12.91 -0.02 37.73	10.02 0.03 31.96	13.07 -0.02 26.87	44.06 0.55 -0.22	44.00 0.19 4.29	43.62 -0.02 9.26	43.73 -0.20 13.62	34.93 -0.38 20.95	51.15 -0.19 12.91	53.31 -0.57 15.22	78.90 -0.25 0.00	84.82 -0.02 8.08	68.27 -1.00 12.32	69.81 -1.59 17.59	44.33 -1.72 28.75	44.02 -1.33 13.20	42.68 -0.51 2.52
NORTHPORT___3 23553	30.73 0.05 6.61	35.45 0.36 0.00	33.36 0.43 0.00	31.59 0.43 0.00	31.17 0.37 0.00	43.72 0.12 0.00	41.77 0.20 3.03	12.93 -0.21 37.51	9.97 -0.15 31.83	12.96 -0.17 26.83	43.87 0.36 -0.22	43.84 0.00 4.26	43.46 -0.24 9.20	43.58 -0.44 13.53	33.68 -0.59 21.98	50.30 -0.42 13.54	52.57 -0.95 15.57	78.49 -0.66 0.00	84.44 -0.44 8.03	67.89 -1.45 12.25	69.40 -2.10 17.49	44.40 -1.81 28.58	43.98 -1.44 13.13	42.57 -0.64 2.50
NORTHPORT___4 23650	30.73 0.05 6.61	35.45 0.36 0.00	33.36 0.43 0.00	31.59 0.43 0.00	31.17 0.37 0.00	43.72 0.12 0.00	41.77 0.20 3.03	12.93 -0.21 37.51	9.97 -0.15 31.83	12.96 -0.17 26.83	43.87 0.36 -0.22	43.84 0.00 4.26	43.46 -0.24 9.20	43.58 -0.44 13.53	33.68 -0.59 21.98	50.30 -0.42 13.54	52.57 -0.95 15.57	78.49 -0.66 0.00	84.44 -0.44 8.03	67.89 -1.45 12.25	69.40 -2.10 17.49	44.40 -1.81 28.58	43.98 -1.44 13.13	42.57 -0.64 2.50
NORTHPORT___IC 23718	30.81 0.17 6.64	35.54 0.45 0.00	33.44 0.52 0.00	31.71 0.55 0.00	31.29 0.49 0.00	43.86 0.26 0.00	41.94 0.39 3.04	12.95 0.03 37.73	10.08 0.09 31.96	13.18 0.09 26.87	44.05 0.54 -0.22	44.02 0.21 4.29	43.64 0.00 9.26	43.79 -0.14 13.62	35.16 -0.15 20.95	51.45 0.12 12.91	53.43 -0.46 15.22	78.90 -0.25 0.00	84.85 0.02 8.08	68.28 -0.99 12.32	69.82 -1.58 17.59	44.39 -1.67 28.75	44.05 -1.29 13.20	42.68 -0.51 2.52
NORTH___COUNTRY_ESR 323785	37.47 0.18 0.00	35.48 0.39 0.00	33.22 0.30 0.00	31.43 0.27 0.00	31.07 0.27 0.00	44.09 0.49 0.00	45.09 0.50 0.00	51.20 0.54 0.00	42.37 0.41 0.00	40.47 0.51 0.00	43.98 0.68 0.00	48.61 0.51 0.00	53.45 0.54 0.00	58.14 0.59 0.00	56.82 0.56 0.00	64.82 0.57 0.00	69.54 0.44 0.00	79.10 -0.05 0.00	92.12 -0.79 0.00	81.31 -0.28 0.00	89.19 0.19 0.00	75.51 0.81 0.10	46.38 0.86 13.02	49.69 0.44 -3.54
NPX_GEN_1385_PROXY 323591	30.78 0.13 6.64	35.54 0.45 0.00	33.45 0.52 0.00	31.96 0.80 0.00	31.53 0.74 0.00	43.95 0.35 0.00	42.01 0.46 3.04	13.16 0.23 37.73	10.44 0.45 31.96	13.51 0.42 26.87	44.36 0.85 -0.22	44.01 0.20 4.29	43.47 -0.17 9.26	43.56 -0.37 13.62	34.99 -0.31 20.95	51.48 0.15 12.91	54.03 0.15 15.22	79.33 0.18 0.00	85.59 0.76 8.08	69.13 -0.14 12.32	71.28 -0.12 17.59	44.50 -1.55 28.75	44.37 -0.97 13.20	41.66 -0.57 3.47
NPX_GEN_CSC 323557	30.79 0.03 6.54	35.31 0.21 0.00	33.21 0.28 0.00	31.49 0.33 0.00	31.05 0.25 0.00	43.51 -0.08 0.00	41.67 0.07 2.99	13.39 -0.14 37.12	10.46 -0.01 31.48	13.44 -0.01 26.51	43.95 0.44 -0.22	44.18 0.28 4.20	44.00 0.18 9.09	44.26 0.09 13.37	34.79 -0.07 21.40	51.40 0.34 13.18	54.08 0.26 15.28	80.16 1.01 0.00	86.33 1.38 7.96	69.69 0.24 12.14	71.25 -0.41 17.33	45.59 -0.91 28.30	44.47 -1.09 12.99	41.80 -0.48 3.43
NSINS_S_GLNS_FALLS 23858	39.17 1.88 0.00	36.75 1.66 0.00	34.64 1.71 0.00	32.73 1.58 0.00	32.40 1.60 0.00	45.79 2.19 0.00	46.71 2.12 0.00	53.11 2.45 0.00	43.96 2.01 0.00	41.49 1.54 0.00	44.15 1.05 0.20	48.00 1.21 1.31	52.33 1.19 1.76	56.75 1.23 2.03	57.41 1.38 0.23	66.07 1.82 0.00	71.41 2.31 0.00	82.54 3.39 0.00	98.97 6.06 0.00	86.44 4.85 0.00	93.74 4.74 0.00	78.58 3.78 0.00	61.14 2.60 0.00	47.68 1.98 0.00
NUCOR_STEEL___DRP 24197	37.70 0.41 0.00	35.35 0.26 0.00	32.95 0.03 0.00	31.18 0.02 0.00	30.92 0.12 0.00	43.89 0.29 0.00	44.66 0.07 0.00	50.59 -0.06 0.00	41.78 -0.17 0.00	39.83 -0.13 0.00	43.21 -0.09 0.00	48.11 0.01 0.00	53.03 0.12 0.00	57.87 0.32 0.00	56.70 0.45 0.00	64.87 0.61 0.00	70.43 0.88 -0.45	85.70 1.41 -5.14	101.39 2.42 -6.07	83.52 1.92 0.00	90.93 1.77 -0.16	76.93 1.17 -0.96	59.43 0.89 0.00	46.27 0.57 0.00
NUMBER_THREE_WT_PWR 323818	39.16 1.87 0.00	36.48 1.39 0.00	34.28 1.36 0.00	32.34 1.19 0.00	32.02 1.22 0.00	45.60 2.00 0.00	46.57 1.98 0.00	52.68 2.03 0.00	43.49 1.54 0.00	41.21 1.25 0.00	44.64 1.35 0.00	49.53 1.43 0.00	54.39 1.48 0.00	59.33 1.78 0.00	58.10 1.84 0.00	66.39 2.14 0.00	71.72 2.43 -0.19	84.72 3.43 -2.14	100.53 5.09 -2.53	87.06 5.46 0.00	95.71 6.65 -0.07	199.63 5.64 -119.18	101.48 4.10 -38.83	67.78 2.53 -19.55
NYISO_LBMP_REFERENCE 24008	37.29 0.00 0.00	35.09 0.00 0.00	32.93 0.00 0.00	31.16 0.00 0.00	30.80 0.00 0.00	43.60 0.00 0.00	44.59 0.00 0.00	50.65 0.00 0.00	41.95 0.00 0.00	39.96 0.00 0.00	43.29 0.00 0.00	48.10 0.00 0.00	52.90 0.00 0.00	57.55 0.00 0.00	56.26 0.00 0.00	64.25 0.00 0.00	69.10 0.00 0.00	79.15 0.00 0.00	92.91 0.00 0.00	81.59 0.00 0.00	88.99 0.00 0.00	74.80 0.00 0.00	58.54 0.00 0.00	45.71 0.00 0.00
NYPA_BRENTWD____GT 24164	31.57 0.68 6.40	35.96 0.87 0.00	33.82 0.90 0.00	32.05 0.89 0.00	31.62 0.82 0.00	44.37 0.77 0.00	42.58 0.92 2.93	15.01 0.73 36.37	11.79 0.67 30.83	14.62 0.60 25.94	44.69 1.18 -0.22	45.04 1.02 4.09	45.00 0.96 8.87	45.39 0.91 13.07	36.40 0.73 20.59	52.68 1.12 12.69	54.97 0.71 14.83	80.47 1.32 0.00	86.70 1.60 7.81	70.24 0.56 11.91	72.09 0.10 17.00	46.67 -0.39 27.74	45.51 -0.31 12.73	43.49 0.21 2.42

NYPA_GOWANUS____GT5 24156	38.32 1.03 0.00	36.02 0.93 0.00	33.75 0.83 0.00	31.90 0.74 0.00	31.51 0.71 0.00	44.30 0.69 0.00	45.75 1.16 0.00	52.15 1.50 0.00	43.55 1.60 0.00	41.44 1.48 0.00	45.11 1.60 -0.22	51.59 2.03 -1.45	56.77 1.91 -1.95	61.75 1.90 -2.30	58.36 1.85 -0.26	66.14 1.89 0.00	71.02 1.92 0.00	81.55 2.40 0.00	96.11 3.20 0.00	83.18 1.58 0.00	90.16 1.17 0.00	75.55 0.75 0.00	59.35 0.81 0.00	46.86 1.15 0.00
NYPA_GOWANUS____GT6 24157	38.32 1.03 0.00	36.02 0.93 0.00	33.75 0.83 0.00	31.90 0.74 0.00	31.51 0.71 0.00	44.30 0.69 0.00	45.75 1.16 0.00	52.15 1.50 0.00	43.55 1.60 0.00	41.44 1.48 0.00	45.11 1.60 -0.22	51.59 2.03 -1.45	56.77 1.91 -1.95	61.75 1.90 -2.30	58.36 1.85 -0.26	66.14 1.89 0.00	71.02 1.92 0.00	81.55 2.40 0.00	96.11 3.20 0.00	83.18 1.58 0.00	90.16 1.17 0.00	75.55 0.75 0.00	59.35 0.81 0.00	46.86 1.15 0.00
NYPA_HARLEM__RVR__GT1 24160	38.25 0.96 0.00	35.93 0.84 0.00	33.69 0.77 0.00	31.89 0.73 0.00	31.48 0.68 0.00	44.20 0.60 0.00	45.70 1.10 0.00	52.05 1.39 0.00	43.43 1.48 0.00	41.32 1.36 0.00	44.89 1.37 -0.22	51.35 1.80 -1.45	56.51 1.66 -1.95	61.40 1.55 -2.30	58.05 1.54 -0.26	65.91 1.66 0.00	70.70 1.60 0.00	81.24 2.09 0.00	95.69 2.78 0.00	82.88 1.29 0.00	89.92 0.93 0.00	75.35 0.55 0.00	59.15 0.60 0.00	46.79 1.08 0.00
NYPA_HARLEM__RVR__GT2 24161	38.25 0.96 0.00	35.93 0.84 0.00	33.69 0.77 0.00	31.89 0.73 0.00	31.48 0.68 0.00	44.20 0.60 0.00	45.70 1.10 0.00	52.05 1.39 0.00	43.43 1.48 0.00	41.32 1.36 0.00	44.89 1.37 -0.22	51.35 1.80 -1.45	56.51 1.66 -1.95	61.40 1.55 -2.30	58.05 1.54 -0.26	65.91 1.66 0.00	70.70 1.60 0.00	81.24 2.09 0.00	95.69 2.78 0.00	82.88 1.29 0.00	89.92 0.93 0.00	75.35 0.55 0.00	59.15 0.60 0.00	46.79 1.08 0.00
NYPA_KENT____GT 24152	38.32 1.03 0.00	36.01 0.92 0.00	33.74 0.81 0.00	31.90 0.74 0.00	31.50 0.70 0.00	44.28 0.68 0.00	45.73 1.14 0.00	52.17 1.52 0.00	43.55 1.60 0.00	41.45 1.49 0.00	45.13 1.61 -0.22	51.61 2.05 -1.45	56.79 1.94 -1.95	61.76 1.90 -2.30	58.31 1.79 -0.26	66.12 1.87 0.00	71.01 1.91 0.00	81.53 2.38 0.00	96.08 3.17 0.00	83.15 1.55 0.00	90.14 1.14 0.00	75.50 0.71 0.00	59.28 0.73 0.00	46.81 1.10 0.00
NYPA_POUCH1____GT 24155	38.16 0.87 0.00	35.89 0.80 0.00	33.63 0.71 0.00	31.79 0.63 0.00	31.39 0.59 0.00	44.14 0.54 0.00	45.57 0.98 0.00	51.91 1.26 0.00	43.36 1.40 0.00	41.23 1.27 0.00	44.86 1.35 -0.21	51.31 1.77 -1.44	56.47 1.61 -1.95	61.46 1.61 -2.30	58.10 1.59 -0.26	65.87 1.62 0.00	70.74 1.64 0.00	81.20 2.05 0.00	95.78 2.87 0.00	82.89 1.30 0.00	89.88 0.89 0.00	75.33 0.53 0.00	59.18 0.64 0.00	46.79 1.08 0.00
NYPA_VERNON____GT2 24162	38.31 1.02 0.00	36.00 0.90 0.00	33.74 0.81 0.00	31.89 0.74 0.00	31.49 0.69 0.00	44.27 0.67 0.00	45.71 1.12 0.00	52.17 1.51 0.00	43.54 1.60 0.00	41.47 1.51 0.00	45.15 1.63 -0.22	51.61 2.06 -1.45	56.81 1.96 -1.95	61.77 1.91 -2.30	58.33 1.81 -0.26	66.14 1.89 0.00	71.03 1.93 0.00	81.59 2.43 0.00	96.13 3.22 0.00	83.20 1.61 0.00	90.17 1.18 0.00	75.52 0.72 0.00	59.22 0.68 0.00	46.75 1.05 0.00
NYPA_VERNON____GT3 24163	38.31 1.02 0.00	36.00 0.90 0.00	33.74 0.81 0.00	31.89 0.74 0.00	31.49 0.69 0.00	44.27 0.67 0.00	45.71 1.12 0.00	52.17 1.51 0.00	43.54 1.60 0.00	41.47 1.51 0.00	45.15 1.63 -0.22	51.61 2.06 -1.45	56.81 1.96 -1.95	61.77 1.91 -2.30	58.33 1.81 -0.26	66.14 1.89 0.00	71.03 1.93 0.00	81.59 2.43 0.00	96.13 3.22 0.00	83.20 1.61 0.00	90.17 1.18 0.00	75.52 0.72 0.00	59.22 0.68 0.00	46.75 1.05 0.00
NYPA____ASTORIA_CC1 323568	38.27 0.98 0.00	35.97 0.88 0.00	33.72 0.79 0.00	31.88 0.72 0.00	31.48 0.68 0.00	44.22 0.62 0.00	45.67 1.08 0.00	52.11 1.46 0.00	43.51 1.56 0.00	41.42 1.46 0.00	45.10 1.59 -0.22	51.56 2.01 -1.45	56.75 1.90 -1.95	61.68 1.82 -2.30	58.25 1.73 -0.26	66.05 1.80 0.00	70.94 1.84 0.00	81.47 2.31 0.00	95.96 3.05 0.00	83.07 1.48 0.00	90.04 1.05 0.00	75.41 0.61 0.00	59.15 0.60 0.00	46.71 1.01 0.00
NYPA____ASTORIA_CC2 323569	38.27 0.98 0.00	35.97 0.88 0.00	33.72 0.79 0.00	31.88 0.72 0.00	31.48 0.68 0.00	44.22 0.62 0.00	45.67 1.08 0.00	52.11 1.46 0.00	43.51 1.56 0.00	41.42 1.46 0.00	45.10 1.59 -0.22	51.56 2.01 -1.45	56.75 1.90 -1.95	61.68 1.82 -2.30	58.25 1.73 -0.26	66.05 1.80 0.00	70.94 1.84 0.00	81.47 2.31 0.00	95.96 3.05 0.00	83.07 1.48 0.00	90.04 1.05 0.00	75.41 0.61 0.00	59.15 0.60 0.00	46.71 1.01 0.00
NYPA____HOLTSVILL 23794	31.03 0.28 6.54	35.58 0.49 0.00	33.47 0.54 0.00	31.72 0.56 0.00	31.30 0.49 0.00	43.88 0.28 0.00	42.01 0.42 3.00	13.68 0.20 37.17	10.67 0.24 31.52	13.63 0.21 26.55	44.22 0.71 -0.22	44.46 0.57 4.21	44.26 0.46 9.10	44.51 0.36 13.40	35.00 0.18 21.44	51.57 0.52 13.20	54.18 0.38 15.30	80.25 1.10 0.00	86.41 1.46 7.97	69.78 0.34 12.15	71.41 -0.23 17.35	45.77 -0.69 28.33	44.73 -0.81 13.01	42.98 -0.24 2.48
NYPA____HELLGATE_GT1 24158	38.25 0.96 0.00	35.93 0.84 0.00	33.69 0.77 0.00	31.89 0.73 0.00	31.48 0.68 0.00	44.20 0.60 0.00	45.71 1.11 0.00	52.13 1.48 0.00	43.50 1.55 0.00	41.39 1.43 0.00	44.97 1.46 -0.22	51.43 1.88 -1.45	56.55 1.70 -1.95	61.41 1.56 -2.30	58.06 1.54 -0.26	65.91 1.66 0.00	70.70 1.60 0.00	81.24 2.09 0.00	95.69 2.78 0.00	82.88 1.29 0.00	89.92 0.93 0.00	75.35 0.55 0.00	59.15 0.60 0.00	46.79 1.08 0.00
NYPA____HELLGATE_GT2 24159	38.25 0.96 0.00	35.93 0.84 0.00	33.69 0.77 0.00	31.89 0.73 0.00	31.48 0.68 0.00	44.20 0.60 0.00	45.71 1.11 0.00	52.13 1.48 0.00	43.50 1.55 0.00	41.39 1.43 0.00	44.97 1.46 -0.22	51.43 1.88 -1.45	56.55 1.70 -1.95	61.41 1.56 -2.30	58.06 1.54 -0.26	65.91 1.66 0.00	70.70 1.60 0.00	81.24 2.09 0.00	95.69 2.78 0.00	82.88 1.29 0.00	89.92 0.93 0.00	75.35 0.55 0.00	59.15 0.60 0.00	46.79 1.08 0.00
NYS_BARGE____HYD 23848	38.12 0.84 0.00	35.36 0.27 0.00	32.93 0.01 0.00	31.29 0.13 0.00	30.74 -0.06 0.00	44.01 0.41 0.00	44.00 -0.59 0.00	49.75 -0.91 0.00	40.99 -0.96 0.00	40.05 0.09 0.00	44.38 1.08 0.00	49.69 1.59 0.00	55.67 2.76 0.00	60.76 3.21 0.00	59.81 3.55 0.00	67.76 3.51 0.00	72.94 3.84 0.00	83.17 4.02 0.00	97.67 4.76 0.00	84.77 3.18 0.00	91.79 2.79 0.00	76.75 1.95 0.00	60.26 1.72 0.00	46.89 1.18 0.00
OAK ORCHARD____HYD 24046	38.05 0.76 0.00	35.48 0.39 0.00	33.13 0.20 0.00	31.38 0.22 0.00	30.93 0.13 0.00	44.05 0.45 0.00	44.69 0.09 0.00	50.66 0.00 0.00	41.82 -0.13 0.00	40.30 0.34 0.00	44.16 0.87 0.00	49.38 1.28 0.00	54.88 1.97 0.00	59.98 2.43 0.00	58.93 2.67 0.00	67.19 2.94 0.00	72.41 3.31 0.00	82.99 3.84 0.00	97.70 4.79 0.00	85.14 3.54 0.00	92.26 3.27 0.00	77.07 2.27 0.00	60.15 1.61 0.00	46.73 1.03 0.00

OAKDALE___35_KV_LOAD 356122	37.40 0.11 0.00	35.02 -0.07 0.00	32.83 -0.09 0.00	31.10 -0.06 0.00	30.70 -0.10 0.00	43.65 0.05 0.00	44.56 -0.04 0.00	50.49 -0.16 0.00	41.80 -0.15 0.00	39.94 -0.02 0.00	43.42 0.12 0.00	48.44 0.34 0.00	53.30 0.40 0.00	58.22 0.67 0.00	56.95 0.69 0.00	65.06 0.80 0.00	70.22 0.92 -0.20	82.78 1.33 -2.30	97.56 1.94 -2.72	82.94 1.34 0.00	90.29 1.22 -0.07	75.90 0.68 -0.43	58.94 0.39 0.00	45.94 0.24 0.00
OCC_CHEM___DRP 24175	37.63 0.34 0.00	34.93 -0.16 0.00	32.55 -0.38 0.00	30.93 -0.22 0.00	30.37 -0.43 0.00	43.42 -0.18 0.00	43.38 -1.21 0.00	49.00 -1.65 0.00	40.37 -1.58 0.00	39.54 -0.42 0.00	43.94 0.64 0.00	49.18 1.08 0.00	55.09 2.18 0.00	60.06 2.50 0.00	58.87 2.61 0.00	66.65 2.40 0.00	71.69 2.59 0.00	81.82 2.67 0.00	95.97 3.07 0.00	83.23 1.64 0.00	90.11 1.12 0.00	75.33 0.53 0.00	59.18 0.64 0.00	46.15 0.45 0.00
OH_GEN_PROXY 24063	37.68 0.39 0.00	34.99 -0.10 0.00	32.62 -0.30 0.00	31.00 -0.16 0.00	30.44 -0.36 0.00	43.52 -0.08 0.00	43.59 -1.00 0.00	49.25 -1.40 0.00	40.60 -1.36 0.00	39.67 -0.29 0.00	44.00 0.71 0.00	49.29 1.19 0.00	55.11 2.20 0.00	60.11 2.56 0.00	59.09 2.83 0.00	66.93 2.68 0.00	71.87 2.77 0.00	81.91 2.76 0.00	96.21 3.30 0.00	83.51 1.91 0.00	90.43 1.44 0.00	75.56 0.76 0.00	59.29 0.74 0.00	45.23 0.48 0.95
OLIN_CORP_DRP 24177	37.64 0.35 0.00	34.92 -0.17 0.00	32.53 -0.39 0.00	30.92 -0.23 0.00	30.37 -0.43 0.00	43.48 -0.13 0.00	43.40 -1.19 0.00	49.02 -1.64 0.00	40.37 -1.58 0.00	39.54 -0.42 0.00	43.88 0.58 0.00	49.11 1.01 0.00	55.02 2.12 0.00	59.99 2.44 0.00	58.85 2.59 0.00	66.66 2.41 0.00	71.83 2.73 0.00	81.98 2.83 0.00	96.11 3.21 0.00	83.39 1.80 0.00	90.29 1.29 0.00	75.56 0.77 0.00	59.32 0.77 0.00	46.22 0.51 0.00
OLIN_CORP_DSASP 323712	37.63 0.34 0.00	34.93 -0.16 0.00	32.55 -0.38 0.00	30.93 -0.22 0.00	30.37 -0.43 0.00	43.42 -0.18 0.00	43.41 -1.19 0.00	49.04 -1.62 0.00	40.41 -1.54 0.00	39.55 -0.41 0.00	43.94 0.64 0.00	49.18 1.08 0.00	55.10 2.20 0.00	60.07 2.52 0.00	59.08 2.82 0.00	66.86 2.60 0.00	71.81 2.71 0.00	81.80 2.65 0.00	96.00 3.09 0.00	83.24 1.65 0.00	90.11 1.12 0.00	75.35 0.55 0.00	59.18 0.64 0.00	46.15 0.45 0.00
ONEIDA_HERK_LFGE 323681	38.65 1.36 0.00	36.16 1.07 0.00	33.94 1.01 0.00	32.09 0.94 0.00	31.73 0.93 0.00	45.08 1.48 0.00	46.07 1.47 0.00	52.17 1.52 0.00	43.12 1.17 0.00	40.98 1.02 0.00	44.42 1.12 0.00	49.35 1.24 0.00	54.25 1.35 0.00	59.13 1.57 0.00	57.90 1.64 0.00	66.19 1.94 0.00	71.48 2.27 -0.11	83.40 3.06 -1.19	98.73 4.41 -1.41	85.83 4.23 0.00	93.85 4.82 -0.04	133.27 3.93 -54.54	79.11 2.81 -17.76	56.46 1.81 -8.94
ONEIDA___115KV_TB4 55905	38.43 1.15 0.00	36.01 0.92 0.00	33.79 0.87 0.00	31.98 0.83 0.00	31.58 0.78 0.00	44.86 1.27 0.00	45.88 1.29 0.00	52.09 1.44 0.00	43.02 1.07 0.00	40.90 0.94 0.00	44.24 0.94 0.00	49.17 1.06 0.00	54.13 1.23 0.00	59.00 1.45 0.00	57.87 1.61 0.00	66.18 1.93 0.00	71.52 2.27 -0.15	83.97 3.10 -1.72	99.38 4.43 -2.03	85.58 3.99 0.00	93.42 4.37 -0.05	101.42 3.38 -23.24	68.34 2.31 -7.49	51.03 1.56 -3.77
ONONDAGA_REF_OCCRA 23987	37.22 -0.07 0.00	34.89 -0.20 0.00	32.69 -0.23 0.00	30.93 -0.23 0.00	30.55 -0.25 0.00	43.36 -0.25 0.00	44.30 -0.29 0.00	50.25 -0.41 0.00	41.57 -0.38 0.00	39.66 -0.31 0.00	43.04 -0.25 0.00	47.94 -0.16 0.00	52.84 -0.06 0.00	57.64 0.09 0.00	56.44 0.18 0.00	64.58 0.33 0.00	69.96 0.53 -0.33	83.86 0.92 -3.79	98.89 1.52 -4.47	82.75 1.15 0.00	90.09 0.98 -0.12	79.55 0.47 -4.28	60.42 0.17 -1.71	45.91 0.03 -0.18
ONONDAGA___COGEN 23986	37.21 -0.08 0.00	34.89 -0.20 0.00	32.66 -0.27 0.00	30.91 -0.25 0.00	30.55 -0.25 0.00	43.34 -0.26 0.00	44.25 -0.34 0.00	50.17 -0.49 0.00	41.51 -0.44 0.00	39.60 -0.37 0.00	42.99 -0.31 0.00	47.86 -0.24 0.00	52.72 -0.18 0.00	57.51 -0.04 0.00	56.35 0.09 0.00	64.48 0.22 0.00	70.01 0.41 -0.50	85.67 0.79 -5.73	101.02 1.35 -6.76	82.58 0.98 0.00	89.95 0.78 -0.18	79.65 0.39 -4.47	60.29 0.12 -1.62	45.85 -0.02 -0.17
ONTARIO___LFGE 23819	38.04 0.75 0.00	35.49 0.40 0.00	33.20 0.27 0.00	31.43 0.27 0.00	31.02 0.22 0.00	44.22 0.62 0.00	45.11 0.51 0.00	51.06 0.40 0.00	42.13 0.18 0.00	40.32 0.36 0.00	43.89 0.59 0.00	48.79 0.68 0.00	53.81 0.91 0.00	58.85 1.30 0.00	57.81 1.56 0.00	66.17 1.92 0.00	71.70 2.43 -0.18	84.43 3.26 -2.02	99.63 4.33 -2.39	85.29 3.70 0.00	92.64 3.58 -0.07	77.69 2.52 -0.38	60.11 1.57 0.00	46.72 1.01 0.00
ORANGEVILLE_WT_PWR 323706	37.83 0.54 0.00	35.05 -0.04 0.00	32.76 -0.16 0.00	31.13 -0.03 0.00	30.58 -0.21 0.00	43.85 0.25 0.00	44.18 -0.41 0.00	49.86 -0.79 0.00	41.09 -0.86 0.00	39.91 -0.05 0.00	44.02 0.72 0.00	49.27 1.17 0.00	54.87 1.97 0.00	59.85 2.30 0.00	58.83 2.57 0.00	66.89 2.64 0.00	72.25 3.15 0.00	82.92 3.76 0.00	97.62 4.71 0.00	85.04 3.44 0.00	92.26 3.27 0.00	76.86 2.06 0.00	59.96 1.41 0.00	46.56 0.86 0.00
ORANGEVILLE___ESR 323794	37.83 0.54 0.00	35.05 -0.04 0.00	32.76 -0.16 0.00	31.13 -0.03 0.00	30.58 -0.21 0.00	43.85 0.25 0.00	44.18 -0.41 0.00	49.86 -0.79 0.00	41.09 -0.86 0.00	39.91 -0.05 0.00	44.02 0.72 0.00	49.27 1.17 0.00	54.87 1.97 0.00	59.85 2.30 0.00	58.83 2.57 0.00	66.89 2.64 0.00	72.25 3.15 0.00	82.92 3.76 0.00	97.62 4.71 0.00	85.04 3.44 0.00	92.26 3.27 0.00	76.86 2.06 0.00	59.96 1.41 0.00	46.56 0.86 0.00
OSWEGATCHIE___HYD 24044	38.75 1.46 0.00	36.45 1.36 0.00	34.17 1.25 0.00	32.31 1.15 0.00	31.95 1.16 0.00	45.44 1.84 0.00	46.43 1.84 0.00	52.58 1.92 0.00	43.33 1.38 0.00	41.22 1.26 0.00	44.74 1.45 0.00	49.47 1.37 0.00	54.38 1.48 0.00	59.30 1.75 0.00	58.00 1.74 0.00	66.19 1.94 0.00	71.05 1.80 -0.16	83.13 2.20 -1.78	97.77 2.76 -2.10	85.07 3.48 0.00	93.66 4.61 -0.06	354.48 4.64 -275.05	152.02 3.66 -89.81	93.26 2.35 -45.21
OSWEGO___5 23606	36.54 -0.75 0.00	34.30 -0.79 0.00	32.15 -0.78 0.00	30.42 -0.74 0.00	30.06 -0.74 0.00	42.61 -0.99 0.00	43.53 -1.07 0.00	49.38 -1.27 0.00	40.86 -1.09 0.00	38.98 -0.99 0.00	42.29 -1.01 0.00	47.04 -1.06 0.00	51.81 -1.09 0.00	56.46 -1.09 0.00	55.26 -1.00 0.00	63.15 -1.11 -0.02	70.15 -1.09 -2.14	102.39 -1.06 -24.30	120.64 -0.95 -28.68	80.63 -0.96 0.00	88.50 -1.27 -0.77	78.08 -1.26 -4.54	57.46 -1.09 0.00	44.79 -0.91 0.00
OSWEGO___6 23613	36.54 -0.75 0.00	34.30 -0.79 0.00	32.15 -0.78 0.00	30.42 -0.74 0.00	30.06 -0.74 0.00	42.61 -0.99 0.00	43.53 -1.07 0.00	49.38 -1.27 0.00	40.86 -1.09 0.00	38.98 -0.99 0.00	42.29 -1.01 0.00	47.04 -1.06 0.00	51.81 -1.09 0.00	56.46 -1.09 0.00	55.26 -1.00 0.00	63.15 -1.11 -0.02	70.15 -1.09 -2.14	102.39 -1.06 -24.30	120.64 -0.95 -28.68	80.63 -0.96 0.00	88.50 -1.27 -0.77	78.08 -1.26 -4.54	57.46 -1.09 0.00	44.79 -0.91 0.00

OUTOKUMPU-AB___DRP 24206	38.59 1.30 0.00	35.77 0.68 0.00	33.29 0.36 0.00	31.63 0.47 0.00	31.06 0.26 0.00	44.47 0.87 0.00	44.48 -0.12 0.00	50.30 -0.36 0.00	41.47 -0.48 0.00	40.62 0.66 0.00	45.12 1.82 0.00	50.58 2.47 0.00	56.66 3.76 0.00	61.89 4.34 0.00	60.62 4.36 0.00	68.69 4.44 0.00	73.93 4.83 0.00	84.45 5.30 0.00	99.09 6.18 0.00	85.87 4.27 0.00	92.93 3.94 0.00	77.58 2.78 0.00	60.96 2.42 0.00	47.47 1.77 0.00
OXBOW___BTM 323836	38.12 0.83 0.00	35.35 0.26 0.00	32.92 -0.01 0.00	31.28 0.12 0.00	30.71 -0.09 0.00	43.94 0.34 0.00	43.94 -0.65 0.00	49.66 -0.99 0.00	40.96 -0.99 0.00	40.10 0.14 0.00	44.55 1.26 0.00	49.92 1.82 0.00	55.94 3.04 0.00	61.08 3.53 0.00	60.05 3.79 0.00	67.99 3.74 0.00	73.05 3.95 0.00	83.24 4.09 0.00	97.70 4.80 0.00	84.68 3.08 0.00	91.66 2.66 0.00	76.57 1.77 0.00	60.13 1.58 0.00	46.84 1.13 0.00
OXBOW___ 24026	38.12 0.83 0.00	35.35 0.26 0.00	32.92 -0.01 0.00	31.28 0.12 0.00	30.71 -0.09 0.00	43.94 0.34 0.00	43.93 -0.66 0.00	49.65 -1.00 0.00	40.93 -1.03 0.00	40.10 0.14 0.00	44.56 1.26 0.00	49.92 1.82 0.00	55.93 3.03 0.00	61.05 3.49 0.00	59.83 3.58 0.00	67.78 3.53 0.00	72.93 3.83 0.00	83.27 4.12 0.00	97.68 4.77 0.00	84.68 3.09 0.00	91.66 2.67 0.00	76.56 1.77 0.00	60.13 1.58 0.00	46.84 1.13 0.00
OXY_CHEM_DSASP 323612	37.63 0.34 0.00	34.93 -0.16 0.00	32.55 -0.38 0.00	30.93 -0.22 0.00	30.37 -0.43 0.00	43.42 -0.18 0.00	43.38 -1.21 0.00	49.00 -1.65 0.00	40.37 -1.58 0.00	39.54 -0.42 0.00	43.94 0.64 0.00	49.18 1.08 0.00	55.09 2.18 0.00	60.06 2.50 0.00	58.87 2.61 0.00	66.65 2.40 0.00	71.69 2.59 0.00	81.82 2.67 0.00	95.97 3.07 0.00	83.23 1.64 0.00	90.11 1.12 0.00	75.33 0.53 0.00	59.18 0.64 0.00	46.15 0.45 0.00
OZONE_PARK_ESR 323760	38.60 1.31 0.00	36.31 1.22 0.00	34.01 1.09 0.00	32.14 0.98 0.00	31.73 0.93 0.00	44.72 1.12 0.00	46.11 1.52 0.00	52.62 1.97 0.00	43.86 1.91 0.00	41.76 1.80 0.00	45.53 2.02 -0.22	52.01 2.46 -1.45	57.35 2.49 -1.95	62.46 2.60 -2.30	58.95 2.43 -0.26	66.83 2.58 0.00	71.84 2.74 0.00	82.47 3.32 0.00	97.24 4.34 0.00	84.23 2.64 0.00	91.24 2.25 0.00	76.43 1.64 0.00	59.86 1.32 0.00	47.10 1.40 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	37.63 0.34 0.00	34.93 -0.16 0.00	32.55 -0.38 0.00	30.93 -0.22 0.00	30.37 -0.43 0.00	43.42 -0.18 0.00	43.38 -1.21 0.00	49.00 -1.65 0.00	40.37 -1.58 0.00	39.54 -0.42 0.00	43.94 0.64 0.00	49.18 1.08 0.00	55.09 2.18 0.00	60.06 2.50 0.00	58.87 2.61 0.00	66.65 2.40 0.00	71.69 2.59 0.00	81.82 2.67 0.00	95.97 3.07 0.00	83.23 1.64 0.00	90.11 1.12 0.00	75.33 0.53 0.00	59.18 0.64 0.00	46.15 0.45 0.00
PACKARD___115KV_DUPONT_184 80571	37.63 0.34 0.00	34.93 -0.16 0.00	32.55 -0.38 0.00	30.93 -0.22 0.00	30.37 -0.43 0.00	43.42 -0.18 0.00	43.38 -1.21 0.00	49.00 -1.65 0.00	40.37 -1.58 0.00	39.54 -0.42 0.00	43.94 0.64 0.00	49.18 1.08 0.00	55.09 2.18 0.00	60.06 2.50 0.00	58.87 2.61 0.00	66.65 2.40 0.00	71.69 2.59 0.00	81.82 2.67 0.00	95.97 3.07 0.00	83.23 1.64 0.00	90.11 1.12 0.00	75.33 0.53 0.00	59.18 0.64 0.00	46.15 0.45 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	38.22 0.93 0.00	35.93 0.83 0.00	33.69 0.76 0.00	31.87 0.72 0.00	31.46 0.66 0.00	44.22 0.62 0.00	45.71 1.12 0.00	52.12 1.47 0.00	43.48 1.53 0.00	41.35 1.39 0.00	44.99 1.48 -0.22	51.44 1.89 -1.45	56.64 1.78 -1.95	61.60 1.75 -2.30	58.24 1.72 -0.26	66.11 1.86 0.00	70.98 1.88 0.00	81.50 2.35 0.00	96.04 3.13 0.00	83.18 1.59 0.00	90.24 1.25 0.00	75.60 0.81 0.00	59.28 0.73 0.00	46.81 1.10 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	39.11 1.82 0.00	36.81 1.72 0.00	34.54 1.61 0.00	32.71 1.56 0.00	32.31 1.51 0.00	45.50 1.90 0.00	47.05 2.46 0.00	53.59 2.94 0.00	44.64 2.69 0.00	42.44 2.48 0.00	46.18 2.67 -0.22	52.78 3.22 -1.45	58.10 3.25 -1.95	63.21 3.35 -2.30	59.71 3.19 -0.26	67.86 3.61 0.00	72.88 3.78 0.00	83.67 4.52 0.00	98.66 5.75 0.00	85.37 3.78 0.00	92.74 3.75 0.00	77.61 2.81 0.00	60.78 2.24 0.00	48.05 2.35 0.00
PATROON___115KV_TB1 80586	37.32 0.03 0.00	35.24 0.14 0.00	33.19 0.27 0.00	31.40 0.24 0.00	31.08 0.28 0.00	43.82 0.23 0.00	44.87 0.28 0.00	51.05 0.40 0.00	42.44 0.49 0.00	40.21 0.24 0.00	43.15 0.03 0.18	46.95 0.03 1.19	51.16 -0.15 1.59	55.43 -0.27 1.85	55.75 -0.30 0.21	63.94 -0.31 0.00	68.85 -0.25 0.00	79.02 -0.13 0.00	93.49 0.58 0.00	81.69 0.10 0.00	88.73 -0.27 0.00	74.48 -0.32 0.00	58.15 -0.39 0.00	45.51 -0.19 0.00
PATTRSNVILLE___SOLAR 323815	38.30 1.01 0.00	36.00 0.91 0.00	33.81 0.88 0.00	31.96 0.80 0.00	31.59 0.79 0.00	44.68 1.08 0.00	45.74 1.15 0.00	51.90 1.25 0.00	42.72 0.77 0.00	40.35 0.39 0.00	43.36 0.21 0.15	47.31 0.22 1.01	51.77 0.23 1.36	56.26 0.23 1.52	56.44 0.35 0.17	64.95 0.70 0.00	70.16 1.06 0.00	80.63 1.48 0.00	95.52 2.61 0.00	84.01 2.41 0.00	91.50 2.50 0.00	76.85 2.05 0.00	60.05 1.50 0.00	46.87 1.16 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	39.07 1.78 0.00	36.16 1.07 0.00	33.67 0.74 0.00	31.97 0.81 0.00	31.38 0.58 0.00	44.99 1.39 0.00	45.08 0.49 0.00	50.97 0.31 0.00	42.13 0.17 0.00	41.27 1.31 0.00	45.81 2.52 0.00	51.44 3.34 0.00	57.62 4.71 0.00	63.04 5.48 0.00	61.95 5.69 0.00	70.31 6.06 0.00	75.78 6.68 0.00	86.67 7.52 0.00	101.63 8.72 0.00	88.10 6.51 0.00	95.23 6.24 0.00	79.41 4.61 0.00	62.06 3.52 0.00	48.13 2.43 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	38.42 1.13 0.00	36.15 1.06 0.00	33.88 0.96 0.00	32.02 0.86 0.00	31.63 0.83 0.00	44.61 1.02 0.00	45.93 1.33 0.00	52.40 1.75 0.00	43.58 1.64 0.00	41.46 1.50 0.00	45.11 1.62 -0.19	51.43 2.04 -1.28	56.77 2.14 -1.72	61.90 2.31 -2.04	58.67 2.18 -0.23	66.69 2.44 0.00	71.73 2.63 0.00	82.45 3.30 0.00	97.36 4.45 0.00	84.47 2.88 0.00	91.44 2.44 0.00	76.58 1.78 0.00	59.81 1.27 0.00	46.89 1.18 0.00
PEEKSKILL___ 23653	38.02 0.73 0.00	35.82 0.72 0.00	33.56 0.64 0.00	31.72 0.57 0.00	31.33 0.53 0.00	44.17 0.57 0.00	45.47 0.88 0.00	51.85 1.20 0.00	43.12 1.17 0.00	41.00 1.04 0.00	44.65 1.14 -0.21	51.03 1.51 -1.42	56.33 1.51 -1.91	61.35 1.54 -2.26	57.88 1.37 -0.26	65.67 1.42 0.00	70.63 1.53 0.00	81.16 2.01 0.00	95.83 2.93 0.00	83.13 1.53 0.00	90.12 1.12 0.00	75.52 0.72 0.00	59.09 0.54 0.00	46.43 0.73 0.00
PGE MADISON___WINDPWR 24146	39.85 2.56 0.00	37.24 2.16 0.00	34.87 1.95 0.00	33.03 1.87 0.00	32.68 1.88 0.00	46.53 2.94 0.00	47.79 3.20 0.00	54.20 3.54 0.00	44.69 2.74 0.00	42.47 2.51 0.00	46.10 2.80 0.00	51.35 3.24 0.00	56.57 3.67 0.00	61.63 4.08 0.00	60.37 4.11 0.00	69.28 5.03 0.00	75.12 5.81 -0.21	89.05 7.47 -2.43	105.60 9.83 -2.86	90.27 8.68 0.00	98.31 9.24 -0.08	82.16 6.91 -0.45	63.32 4.77 0.00	49.04 3.34 0.00

PIERCEFIELD___HYD 23852	38.53 1.24 0.00	36.43 1.34 0.00	34.11 1.19 0.00	32.28 1.13 0.00	31.93 1.13 0.00	45.36 1.77 0.00	46.35 1.75 0.00	52.52 1.87 0.00	43.28 1.33 0.00	41.27 1.31 0.00	44.86 1.56 0.00	49.53 1.43 0.00	54.51 1.60 0.00	59.38 1.83 0.00	58.00 1.74 0.00	66.11 1.86 0.00	70.48 1.30 -0.08	81.12 1.08 -0.89	94.31 0.35 -1.05	82.81 1.21 0.00	91.21 2.19 -0.03	483.98 3.32 -405.86	194.20 3.03 -132.63	114.52 2.05 -66.77
PINELAWN_CC_1 323563	32.22 0.67 5.74	35.92 0.83 0.00	33.74 0.81 0.00	31.93 0.78 0.00	31.52 0.72 0.00	44.28 0.68 0.00	42.82 0.86 2.63	18.76 0.71 32.60	14.94 0.61 27.62	16.95 0.21 23.21	44.11 0.60 -0.22	44.98 0.39 3.52	45.37 0.24 7.78	46.14 0.13 11.53	38.10 -0.01 18.15	53.09 0.22 11.39	55.90 -0.01 13.19	79.54 0.39 0.00	86.50 0.63 7.04	70.38 -0.46 10.75	72.87 -0.77 15.36	48.91 -0.95 24.94	46.38 -0.74 11.42	43.76 0.23 2.17
PJM_GEN_HTTP_PROXY 323702	38.18 0.89 0.00	35.94 0.85 0.00	33.68 0.75 0.00	30.99 0.67 0.83	31.43 0.63 0.00	44.28 0.68 0.00	52.11 1.03 -6.48	52.57 1.41 -0.50	43.38 1.43 0.00	41.31 1.35 0.00	45.03 1.52 -0.22	51.44 1.88 -1.45	56.71 1.86 -1.95	61.73 1.87 -2.30	58.21 1.69 -0.26	66.02 1.77 0.00	70.95 1.85 0.00	81.49 2.34 0.00	96.11 3.20 0.00	83.26 1.67 0.00	90.18 1.19 0.00	75.55 0.76 0.00	59.16 0.62 0.00	46.56 0.86 0.00
PJM_GEN_KEystone 24065	37.58 0.29 0.00	35.18 0.09 0.00	32.89 -0.03 0.00	29.96 0.00 1.20	26.68 -0.09 4.03	43.61 0.02 0.00	50.98 -0.09 -6.48	51.05 -0.11 -0.50	41.83 -0.11 0.00	40.15 0.19 0.00	44.00 0.58 -0.12	49.98 1.10 -0.78	55.31 1.36 -1.05	60.38 1.60 -1.23	57.93 1.54 -0.14	65.64 1.39 0.00	70.51 1.41 0.00	80.70 1.55 0.00	98.57 2.26 -3.40	82.74 1.15 0.00	89.70 0.71 0.00	75.09 0.30 0.00	58.86 0.32 0.00	46.05 0.34 0.00
PJM_GEN_NEPTUNE_PROXY 323594	30.71 0.49 7.08	35.71 0.62 0.00	33.54 0.61 0.00	30.90 0.58 0.83	31.32 0.52 0.00	44.03 0.43 0.00	48.44 0.61 -3.24	11.40 0.43 39.68	8.15 0.43 34.23	11.33 0.38 29.01	44.35 0.84 -0.22	44.20 0.75 4.66	43.58 0.65 9.98	43.49 0.56 14.62	30.21 0.45 26.50	48.61 0.61 16.25	51.74 0.40 17.76	79.97 0.82 0.00	85.64 1.31 8.58	68.58 0.07 13.08	69.86 -0.47 18.66	43.55 -0.67 30.57	43.88 -0.61 14.06	42.98 -0.04 2.68
PJM_GEN_VFT_PROXY 323633	37.98 0.69 0.00	35.76 0.67 0.00	33.48 0.56 0.00	30.81 0.49 0.83	31.24 0.44 0.00	44.00 0.40 0.00	51.82 0.75 -6.48	52.25 1.09 -0.50	43.13 1.18 0.00	41.09 1.13 0.00	44.77 1.26 -0.22	51.16 1.61 -1.45	56.41 1.56 -1.95	61.40 1.54 -2.30	57.86 1.34 -0.26	65.59 1.34 0.00	70.51 1.41 0.00	80.98 1.83 0.00	95.51 2.60 0.00	82.68 1.09 0.00	89.56 0.57 0.00	75.04 0.25 0.00	58.80 0.25 0.00	46.31 0.60 0.00
PLATSBURG_115KV_PMLD1 355749	37.35 0.06 0.00	35.47 0.38 0.00	33.23 0.30 0.00	31.43 0.27 0.00	31.07 0.27 0.00	44.09 0.49 0.00	45.11 0.51 0.00	51.20 0.55 0.00	42.36 0.41 0.00	40.46 0.50 0.00	43.95 0.66 0.00	48.54 0.44 0.00	53.25 0.34 0.00	57.92 0.37 0.00	56.63 0.37 0.00	64.62 0.37 0.00	69.35 0.25 0.00	78.92 -0.23 0.00	91.99 -0.92 0.00	81.20 -0.40 0.00	88.90 -0.09 0.00	68.95 0.61 6.45	47.43 0.66 11.78	44.69 0.26 1.27
PLEASANTVLY___LBMP 24000	37.83 0.54 0.00	35.64 0.55 0.00	33.45 0.53 0.00	31.62 0.46 0.00	31.24 0.44 0.00	44.06 0.46 0.00	45.29 0.70 0.00	51.60 0.95 0.00	42.91 0.96 0.00	40.78 0.81 0.00	44.35 0.81 -0.24	50.78 1.05 -1.62	56.08 1.00 -2.18	61.09 0.95 -2.58	57.40 0.85 -0.29	65.12 0.87 0.00	70.03 0.93 0.00	80.46 1.31 0.00	95.09 2.18 0.00	82.63 1.04 0.00	89.58 0.59 0.00	75.12 0.32 0.00	58.75 0.21 0.00	46.13 0.43 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	38.11 0.82 0.00	35.91 0.82 0.00	33.65 0.72 0.00	31.80 0.65 0.00	31.42 0.62 0.00	44.30 0.70 0.00	45.60 1.02 0.00	52.00 1.34 0.00	43.27 1.32 0.00	41.15 1.19 0.00	44.81 1.30 -0.22	51.21 1.65 -1.46	56.51 1.63 -1.97	61.54 1.66 -2.32	58.06 1.54 -0.26	65.88 1.63 0.00	70.82 1.72 0.00	81.36 2.22 0.00	96.04 3.13 0.00	83.32 1.72 0.00	90.28 1.29 0.00	75.67 0.87 0.00	59.18 0.64 0.00	46.49 0.79 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	38.11 0.82 0.00	35.91 0.82 0.00	33.65 0.72 0.00	31.80 0.65 0.00	31.42 0.62 0.00	44.30 0.70 0.00	45.60 1.02 0.00	52.00 1.34 0.00	43.27 1.32 0.00	41.15 1.19 0.00	44.81 1.30 -0.22	51.21 1.65 -1.46	56.51 1.63 -1.97	61.54 1.66 -2.32	58.06 1.54 -0.26	65.88 1.63 0.00	70.82 1.72 0.00	81.36 2.22 0.00	96.04 3.13 0.00	83.32 1.72 0.00	90.28 1.29 0.00	75.67 0.87 0.00	59.18 0.64 0.00	46.49 0.79 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	38.22 0.93 0.00	35.97 0.87 0.00	33.74 0.81 0.00	31.87 0.72 0.00	31.49 0.69 0.00	44.44 0.84 0.00	45.71 1.12 0.00	52.13 1.47 0.00	43.31 1.36 0.00	41.16 1.20 0.00	44.53 1.24 0.00	49.65 1.54 0.00	54.53 1.63 0.00	59.31 1.76 0.00	57.95 1.69 0.00	66.16 1.91 0.00	71.20 2.10 0.00	81.87 2.72 0.00	96.75 3.84 0.00	84.03 2.44 0.00	91.03 2.03 0.00	76.22 1.42 0.00	59.55 1.01 0.00	46.66 0.96 0.00
POLETTI____ 23519	38.10 0.81 0.00	35.87 0.77 0.00	33.61 0.68 0.00	31.78 0.62 0.00	31.39 0.59 0.00	44.17 0.56 0.00	45.52 0.92 0.00	51.94 1.29 0.00	43.29 1.34 0.00	41.22 1.26 0.00	44.94 1.42 -0.22	51.33 1.78 -1.45	56.58 1.73 -1.95	61.57 1.71 -2.30	58.10 1.58 -0.26	65.86 1.61 0.00	70.78 1.67 0.00	81.25 2.10 0.00	95.83 2.92 0.00	82.97 1.38 0.00	89.91 0.92 0.00	75.30 0.50 0.00	58.99 0.44 0.00	46.45 0.75 0.00
POMONA___ESR 323819	38.06 0.77 0.00	35.84 0.75 0.00	33.59 0.66 0.00	31.75 0.59 0.00	31.34 0.54 0.00	44.22 0.62 0.00	45.53 0.94 0.00	51.95 1.29 0.00	43.16 1.21 0.00	41.05 1.09 0.00	44.73 1.23 -0.20	51.11 1.65 -1.36	56.46 1.73 -1.83	61.52 1.82 -2.16	58.13 1.62 -0.24	65.94 1.69 0.00	70.95 1.85 0.00	81.52 2.36 0.00	96.25 3.34 0.00	83.46 1.87 0.00	90.44 1.45 0.00	75.79 1.00 0.00	59.29 0.74 0.00	46.57 0.87 0.00
PORT_JEFF_3 23555	31.15 0.40 6.54	35.68 0.59 0.00	33.55 0.62 0.00	31.80 0.65 0.00	31.38 0.58 0.00	43.99 0.40 0.00	42.14 0.54 2.99	13.88 0.34 37.12	10.83 0.36 31.48	13.78 0.33 26.51	44.36 0.85 -0.22	44.65 0.75 4.20	44.49 0.66 9.09	44.75 0.57 13.37	35.27 0.41 21.41	51.87 0.80 13.19	54.53 0.70 15.28	80.53 1.38 0.00	86.61 1.66 7.96	70.09 0.63 12.14	71.78 0.11 17.33	46.08 -0.43 28.29	44.95 -0.61 12.99	43.13 -0.10 2.48
PORT_JEFF_4 23616	31.15 0.40 6.54	35.68 0.59 0.00	33.55 0.62 0.00	31.80 0.65 0.00	31.38 0.58 0.00	43.99 0.40 0.00	42.14 0.54 2.99	13.88 0.34 37.12	10.83 0.36 31.48	13.78 0.33 26.51	44.36 0.85 -0.22	44.65 0.75 4.20	44.49 0.66 9.09	44.75 0.57 13.37	35.27 0.41 21.41	51.87 0.80 13.19	54.53 0.70 15.28	80.53 1.38 0.00	86.61 1.66 7.96	70.09 0.63 12.14	71.78 0.11 17.33	46.08 -0.43 28.29	44.95 -0.61 12.99	43.13 -0.10 2.48

PORT_JEFF_IC 23713	31.23 0.45 6.51	35.69 0.60 0.00	33.57 0.65 0.00	31.81 0.66 0.00	31.39 0.59 0.00	44.01 0.41 0.00	42.21 0.60 2.98	14.14 0.45 36.97	11.05 0.45 31.35	14.01 0.45 26.40	44.40 0.89 -0.22	44.78 0.85 4.18	44.63 0.76 9.04	44.97 0.73 13.31	35.71 0.74 21.29	52.42 1.28 13.11	54.88 0.99 15.21	80.62 1.47 0.00	86.50 1.51 7.92	70.26 0.76 12.09	72.01 0.28 17.26	46.34 -0.28 28.18	45.10 -0.51 12.93	43.16 -0.07 2.47
PPL PILGRIM_ST_GT1 24216	31.57 0.68 6.40	35.96 0.87 0.00	33.82 0.90 0.00	32.05 0.89 0.00	31.62 0.82 0.00	44.37 0.77 0.00	42.58 0.92 2.93	15.01 0.73 36.37	11.79 0.67 30.83	14.62 0.60 25.94	44.69 1.18 -0.22	45.04 1.02 4.09	45.00 0.96 8.87	45.39 0.91 13.07	36.40 0.73 20.59	52.68 1.12 12.69	54.97 0.71 14.83	80.47 1.32 0.00	86.70 1.60 7.81	70.24 0.56 11.91	72.09 0.10 17.00	46.67 -0.39 27.74	45.51 -0.31 12.73	43.49 0.21 2.42
PPL PILGRIM_ST_GT2 24217	31.57 0.68 6.40	35.96 0.87 0.00	33.82 0.90 0.00	32.05 0.89 0.00	31.62 0.82 0.00	44.37 0.77 0.00	42.58 0.92 2.93	15.01 0.73 36.37	11.79 0.67 30.83	14.62 0.60 25.94	44.69 1.18 -0.22	45.04 1.02 4.09	45.00 0.96 8.87	45.39 0.91 13.07	36.40 0.73 20.59	52.68 1.12 12.69	54.97 0.71 14.83	80.47 1.32 0.00	86.70 1.60 7.81	70.24 0.56 11.91	72.09 0.10 17.00	46.67 -0.39 27.74	45.51 -0.31 12.73	43.49 0.21 2.42
PPL_SHRM_GT3 24213	30.81 0.05 6.52	35.32 0.23 0.00	33.23 0.31 0.00	31.50 0.35 0.00	31.08 0.27 0.00	43.54 -0.06 0.00	41.69 0.09 2.99	13.48 -0.12 37.05	10.55 0.02 31.42	13.50 0.00 26.46	43.96 0.45 -0.22	44.19 0.28 4.19	44.02 0.18 9.07	44.31 0.11 13.35	34.86 -0.05 21.35	51.45 0.35 13.15	54.14 0.28 15.24	80.25 1.09 0.00	86.52 1.55 7.94	69.81 0.33 12.12	71.38 -0.32 17.30	45.69 -0.86 28.24	44.54 -1.04 12.96	42.77 -0.46 2.47
PPL_SHRM_GT4 24214	30.81 0.05 6.52	35.32 0.23 0.00	33.23 0.31 0.00	31.50 0.35 0.00	31.08 0.27 0.00	43.54 -0.06 0.00	41.69 0.09 2.99	13.48 -0.12 37.05	10.55 0.02 31.42	13.50 0.00 26.46	43.96 0.45 -0.22	44.19 0.28 4.19	44.02 0.18 9.07	44.31 0.11 13.35	34.86 -0.05 21.35	51.45 0.35 13.15	54.14 0.28 15.24	80.25 1.09 0.00	86.52 1.55 7.94	69.81 0.33 12.12	71.38 -0.32 17.30	45.69 -0.86 28.24	44.54 -1.04 12.96	42.77 -0.46 2.47
PROJECT___ORANGE 1 24174	36.97 -0.32 0.00	34.66 -0.43 0.00	32.48 -0.44 0.00	30.73 -0.43 0.00	30.35 -0.44 0.00	43.07 -0.53 0.00	44.00 -0.59 0.00	49.93 -0.72 0.00	41.31 -0.64 0.00	39.43 -0.53 0.00	42.83 -0.47 0.00	47.71 -0.39 0.00	52.60 -0.30 0.00	57.36 -0.19 0.00	56.15 -0.11 0.00	64.24 -0.01 0.00	69.50 0.12 -0.28	82.72 0.42 -3.16	97.48 0.84 -3.72	82.11 0.52 0.00	89.38 0.28 -0.10	79.29 -0.10 -4.59	60.19 -0.27 -1.92	45.59 -0.30 -0.20
PROJECT___ORANGE 2 24166	36.97 -0.32 0.00	34.66 -0.43 0.00	32.48 -0.44 0.00	30.73 -0.43 0.00	30.35 -0.44 0.00	43.07 -0.53 0.00	44.00 -0.59 0.00	49.93 -0.72 0.00	41.31 -0.64 0.00	39.43 -0.53 0.00	42.83 -0.47 0.00	47.71 -0.39 0.00	52.60 -0.30 0.00	57.36 -0.19 0.00	56.15 -0.11 0.00	64.24 -0.01 0.00	69.50 0.12 -0.28	82.72 0.42 -3.16	97.48 0.84 -3.72	82.11 0.52 0.00	89.38 0.28 -0.10	79.29 -0.10 -4.59	60.19 -0.27 -1.92	45.59 -0.30 -0.20
PUCKETT___SOLAR 323809	38.00 0.71 0.00	35.56 0.47 0.00	33.32 0.39 0.00	31.54 0.38 0.00	31.16 0.36 0.00	44.34 0.74 0.00	45.33 0.74 0.00	51.35 0.69 0.00	42.43 0.47 0.00	40.37 0.41 0.00	43.75 0.46 0.00	48.69 0.59 0.00	53.54 0.64 0.00	58.40 0.85 0.00	57.06 0.81 0.00	65.39 1.14 0.00	70.71 1.41 -0.20	83.80 2.39 -2.26	99.19 3.61 -2.67	84.52 2.93 0.00	92.13 3.07 -0.07	77.41 2.18 -0.42	59.98 1.44 0.00	46.70 1.00 0.00
PYRITES___HYD 24023	39.24 1.95 0.00	37.07 1.99 0.00	34.71 1.78 0.00	32.85 1.70 0.00	32.50 1.70 0.00	46.20 2.61 0.00	47.17 2.58 0.00	53.33 2.67 0.00	43.72 1.77 0.00	41.50 1.54 0.00	45.16 1.86 0.00	49.74 1.63 0.00	54.75 1.84 0.00	59.73 2.18 0.00	58.23 1.98 0.00	66.36 2.11 0.00	70.69 1.59 0.00	80.80 1.65 0.00	94.51 1.60 0.00	84.55 2.96 0.00	93.38 4.39 0.00	501.18 5.03 -421.35	199.34 4.23 -136.56	119.12 2.97 -70.44
QUAKERRD_115KV_BK1 80622	37.05 -0.23 0.00	34.59 -0.50 0.00	32.31 -0.61 0.00	30.61 -0.55 0.00	30.19 -0.61 0.00	42.95 -0.65 0.00	43.64 -0.96 0.00	49.48 -1.17 0.00	40.84 -1.11 0.00	39.30 -0.66 0.00	42.97 -0.32 0.00	48.00 -0.11 0.00	53.26 0.36 0.00	58.18 0.63 0.00	57.04 0.78 0.00	65.10 0.85 0.00	70.22 1.12 0.00	80.59 1.44 0.00	94.84 1.93 0.00	82.77 1.18 0.00	89.73 0.74 0.00	74.99 0.19 0.00	58.50 -0.05 0.00	45.49 -0.22 0.00
QUENSBRY_115KV_TB8 356137	39.29 2.01 0.00	36.84 1.75 0.00	34.73 1.80 0.00	32.83 1.67 0.00	32.50 1.70 0.00	45.92 2.32 0.00	46.83 2.24 0.00	53.23 2.58 0.00	44.06 2.11 0.00	41.56 1.60 0.00	44.20 1.09 0.19	48.11 1.30 1.29	52.48 1.31 1.74	56.92 1.38 2.01	57.57 1.53 0.22	66.27 2.02 0.00	71.65 2.55 0.00	82.87 3.72 0.00	99.46 6.55 0.00	86.81 5.22 0.00	94.08 5.09 0.00	78.86 4.06 0.00	61.30 2.76 0.00	47.81 2.10 0.00
RAMAPO___LBMP 323565	37.93 0.64 0.00	35.72 0.63 0.00	33.46 0.54 0.00	31.63 0.47 0.00	31.23 0.43 0.00	44.06 0.46 0.00	45.36 0.76 0.00	51.72 1.07 0.00	42.97 1.02 0.00	40.85 0.89 0.00	44.48 0.98 -0.20	50.81 1.38 -1.33	56.10 1.41 -1.79	61.14 1.46 -2.12	57.80 1.30 -0.24	65.57 1.32 0.00	70.52 1.42 0.00	80.99 1.84 0.00	95.68 2.77 0.00	82.99 1.40 0.00	89.96 0.97 0.00	75.42 0.63 0.00	59.04 0.49 0.00	46.37 0.67 0.00
RANKINE____ 23646	38.66 1.37 0.00	35.80 0.71 0.00	33.36 0.44 0.00	31.69 0.53 0.00	31.11 0.31 0.00	44.59 1.00 0.00	44.66 0.07 0.00	50.47 -0.18 0.00	41.65 -0.30 0.00	40.78 0.82 0.00	45.24 1.95 0.00	50.76 2.66 0.00	56.78 3.87 0.00	62.06 4.51 0.00	60.91 4.65 0.00	69.13 4.88 0.00	74.47 5.37 0.00	85.20 6.05 0.00	99.97 7.06 0.00	86.73 5.13 0.00	93.82 4.82 0.00	78.28 3.48 0.00	61.24 2.70 0.00	47.54 1.84 0.00
RAVENSWOOD_GT2_1 24244	38.22 0.93 0.00	35.97 0.88 0.00	33.70 0.78 0.00	31.86 0.70 0.00	31.46 0.65 0.00	44.31 0.71 0.00	45.66 1.07 0.00	52.10 1.45 0.00	43.41 1.46 0.00	41.33 1.37 0.00	45.04 1.53 -0.22	51.47 1.92 -1.45	56.74 1.89 -1.95	61.75 1.89 -2.30	58.27 1.76 -0.26	66.09 1.84 0.00	71.02 1.92 0.00	81.53 2.38 0.00	96.17 3.26 0.00	83.28 1.69 0.00	90.25 1.26 0.00	75.60 0.80 0.00	59.22 0.67 0.00	46.61 0.91 0.00
RAVENSWOOD_GT2_2 24245	38.22 0.93 0.00	35.97 0.88 0.00	33.70 0.78 0.00	31.86 0.70 0.00	31.46 0.65 0.00	44.31 0.71 0.00	45.66 1.07 0.00	52.10 1.45 0.00	43.41 1.46 0.00	41.33 1.37 0.00	45.04 1.53 -0.22	51.47 1.92 -1.45	56.74 1.89 -1.95	61.75 1.89 -2.30	58.27 1.76 -0.26	66.09 1.84 0.00	71.02 1.92 0.00	81.53 2.38 0.00	96.17 3.26 0.00	83.28 1.69 0.00	90.25 1.26 0.00	75.60 0.80 0.00	59.22 0.67 0.00	46.61 0.91 0.00



RAVENSWOOD_GT2_3 24246	38.24 0.95 0.00	35.99 0.90 0.00	33.73 0.80 0.00	31.87 0.71 0.00	31.47 0.67 0.00	44.33 0.73 0.00	45.69 1.10 0.00	52.13 1.48 0.00	43.45 1.49 0.00	41.36 1.40 0.00	45.07 1.56 -0.22	51.49 1.94 -1.45	56.77 1.91 -1.95	61.80 1.94 -2.30	58.32 1.80 -0.26	66.13 1.88 0.00	71.06 1.96 0.00	81.57 2.42 0.00	96.21 3.31 0.00	83.34 1.75 0.00	90.30 1.31 0.00	75.63 0.84 0.00	59.23 0.69 0.00	46.63 0.93 0.00
RAVENSWOOD_GT2_4 24247	38.24 0.95 0.00	35.99 0.90 0.00	33.73 0.80 0.00	31.87 0.71 0.00	31.47 0.67 0.00	44.33 0.73 0.00	45.69 1.10 0.00	52.13 1.48 0.00	43.45 1.49 0.00	41.36 1.40 0.00	45.07 1.56 -0.22	51.49 1.94 -1.45	56.77 1.91 -1.95	61.80 1.94 -2.30	58.32 1.80 -0.26	66.13 1.88 0.00	71.06 1.96 0.00	81.57 2.42 0.00	96.21 3.31 0.00	83.34 1.75 0.00	90.30 1.31 0.00	75.63 0.84 0.00	59.23 0.69 0.00	46.63 0.93 0.00
RAVENSWOOD_GT3_1 24248	38.22 0.93 0.00	35.97 0.88 0.00	33.70 0.78 0.00	31.86 0.70 0.00	31.46 0.66 0.00	44.32 0.72 0.00	45.67 1.08 0.00	52.10 1.45 0.00	43.42 1.46 0.00	41.33 1.37 0.00	45.05 1.54 -0.22	51.47 1.92 -1.45	56.74 1.89 -1.95	61.75 1.89 -2.30	58.27 1.76 -0.26	66.09 1.84 0.00	71.02 1.92 0.00	81.53 2.38 0.00	96.17 3.27 0.00	83.29 1.70 0.00	90.25 1.26 0.00	75.60 0.80 0.00	59.22 0.67 0.00	46.61 0.91 0.00
RAVENSWOOD_GT3_2 24249	38.22 0.93 0.00	35.97 0.88 0.00	33.70 0.78 0.00	31.86 0.70 0.00	31.46 0.66 0.00	44.32 0.72 0.00	45.67 1.08 0.00	52.10 1.45 0.00	43.42 1.46 0.00	41.33 1.37 0.00	45.05 1.54 -0.22	51.47 1.92 -1.45	56.74 1.89 -1.95	61.75 1.89 -2.30	58.27 1.76 -0.26	66.09 1.84 0.00	71.02 1.92 0.00	81.53 2.38 0.00	96.17 3.27 0.00	83.29 1.70 0.00	90.25 1.26 0.00	75.60 0.80 0.00	59.22 0.67 0.00	46.61 0.91 0.00
RAVENSWOOD_GT3_3 24250	38.28 0.99 0.00	36.03 0.94 0.00	33.76 0.84 0.00	31.91 0.75 0.00	31.51 0.71 0.00	44.39 0.79 0.00	45.74 1.15 0.00	52.20 1.54 0.00	43.49 1.54 0.00	41.42 1.46 0.00	45.14 1.63 -0.22	51.58 2.03 -1.45	56.86 2.01 -1.95	61.89 2.03 -2.30	58.41 1.89 -0.26	66.22 1.98 0.00	71.17 2.07 0.00	81.71 2.56 0.00	96.37 3.46 0.00	83.46 1.87 0.00	90.43 1.44 0.00	75.75 0.95 0.00	59.32 0.78 0.00	46.69 0.99 0.00
RAVENSWOOD_GT3_4 24251	38.28 0.99 0.00	36.03 0.94 0.00	33.76 0.84 0.00	31.91 0.75 0.00	31.51 0.71 0.00	44.39 0.79 0.00	45.74 1.15 0.00	52.20 1.54 0.00	43.49 1.54 0.00	41.42 1.46 0.00	45.14 1.63 -0.22	51.58 2.03 -1.45	56.86 2.01 -1.95	61.89 2.03 -2.30	58.41 1.89 -0.26	66.22 1.98 0.00	71.17 2.07 0.00	81.71 2.56 0.00	96.37 3.46 0.00	83.46 1.87 0.00	90.43 1.44 0.00	75.75 0.95 0.00	59.32 0.78 0.00	46.69 0.99 0.00
RAVENSWOOD_GT_1 23729	38.31 1.02 0.00	36.00 0.90 0.00	33.74 0.81 0.00	31.89 0.74 0.00	31.49 0.69 0.00	44.27 0.67 0.00	45.71 1.12 0.00	52.16 1.51 0.00	43.54 1.59 0.00	41.44 1.48 0.00	45.15 1.64 -0.22	51.61 2.06 -1.45	56.82 1.96 -1.95	61.79 1.93 -2.30	58.36 1.84 -0.26	66.18 1.93 0.00	71.06 1.95 0.00	81.58 2.43 0.00	96.15 3.24 0.00	83.20 1.61 0.00	90.17 1.18 0.00	75.52 0.73 0.00	59.22 0.68 0.00	46.75 1.05 0.00
RAVENSWOOD_GT_10 24258	38.22 0.93 0.00	35.98 0.88 0.00	33.70 0.78 0.00	31.86 0.70 0.00	31.46 0.66 0.00	44.32 0.72 0.00	45.67 1.07 0.00	52.10 1.45 0.00	43.41 1.46 0.00	41.33 1.37 0.00	45.05 1.54 -0.22	51.46 1.91 -1.45	56.74 1.89 -1.95	61.75 1.89 -2.30	58.27 1.76 -0.26	66.09 1.84 0.00	71.02 1.92 0.00	81.53 2.38 0.00	96.17 3.27 0.00	83.30 1.71 0.00	90.27 1.27 0.00	75.61 0.81 0.00	59.22 0.67 0.00	46.61 0.91 0.00
RAVENSWOOD_GT_11 24259	38.22 0.93 0.00	35.98 0.88 0.00	33.70 0.78 0.00	31.86 0.70 0.00	31.46 0.66 0.00	44.32 0.72 0.00	45.67 1.07 0.00	52.10 1.45 0.00	43.41 1.46 0.00	41.33 1.37 0.00	45.05 1.54 -0.22	51.46 1.91 -1.45	56.74 1.89 -1.95	61.75 1.89 -2.30	58.27 1.76 -0.26	66.09 1.84 0.00	71.02 1.92 0.00	81.53 2.38 0.00	96.17 3.27 0.00	83.30 1.71 0.00	90.27 1.27 0.00	75.61 0.81 0.00	59.22 0.67 0.00	46.61 0.91 0.00
RAVENSWOOD_GT_4 24252	38.22 0.93 0.00	35.98 0.88 0.00	33.71 0.78 0.00	31.86 0.70 0.00	31.46 0.66 0.00	44.32 0.72 0.00	45.67 1.08 0.00	52.11 1.46 0.00	43.42 1.47 0.00	41.34 1.37 0.00	45.05 1.54 -0.22	51.48 1.93 -1.45	56.74 1.89 -1.95	61.75 1.89 -2.30	58.27 1.76 -0.26	66.09 1.84 0.00	71.02 1.92 0.00	81.53 2.38 0.00	96.17 3.27 0.00	83.30 1.71 0.00	90.26 1.27 0.00	75.61 0.81 0.00	59.22 0.68 0.00	46.61 0.91 0.00
RAVENSWOOD_GT_5 24254	38.22 0.93 0.00	35.98 0.88 0.00	33.71 0.78 0.00	31.86 0.70 0.00	31.46 0.66 0.00	44.32 0.72 0.00	45.67 1.08 0.00	52.11 1.46 0.00	43.42 1.47 0.00	41.34 1.37 0.00	45.05 1.54 -0.22	51.48 1.93 -1.45	56.74 1.89 -1.95	61.75 1.89 -2.30	58.27 1.76 -0.26	66.09 1.84 0.00	71.02 1.92 0.00	81.53 2.38 0.00	96.17 3.27 0.00	83.30 1.71 0.00	90.26 1.27 0.00	75.61 0.81 0.00	59.22 0.68 0.00	46.61 0.91 0.00
RAVENSWOOD_GT_6 24253	38.22 0.93 0.00	35.98 0.88 0.00	33.71 0.78 0.00	31.86 0.70 0.00	31.46 0.66 0.00	44.32 0.72 0.00	45.67 1.08 0.00	52.11 1.46 0.00	43.42 1.47 0.00	41.34 1.37 0.00	45.05 1.54 -0.22	51.48 1.93 -1.45	56.74 1.89 -1.95	61.75 1.89 -2.30	58.27 1.76 -0.26	66.09 1.84 0.00	71.02 1.92 0.00	81.53 2.38 0.00	96.17 3.27 0.00	83.30 1.71 0.00	90.26 1.27 0.00	75.61 0.81 0.00	59.22 0.68 0.00	46.61 0.91 0.00
RAVENSWOOD_GT_7 24255	38.22 0.93 0.00	35.98 0.88 0.00	33.71 0.78 0.00	31.86 0.70 0.00	31.46 0.66 0.00	44.32 0.72 0.00	45.67 1.08 0.00	52.11 1.46 0.00	43.42 1.47 0.00	41.34 1.37 0.00	45.05 1.54 -0.22	51.48 1.93 -1.45	56.74 1.89 -1.95	61.75 1.89 -2.30	58.27 1.76 -0.26	66.09 1.84 0.00	71.02 1.92 0.00	81.53 2.38 0.00	96.17 3.27 0.00	83.30 1.71 0.00	90.26 1.27 0.00	75.61 0.81 0.00	59.22 0.68 0.00	46.61 0.91 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	38.22 0.93 0.00	35.98 0.88 0.00	33.70 0.78 0.00	31.86 0.70 0.00	31.46 0.66 0.00	44.32 0.72 0.00	45.67 1.07 0.00	52.10 1.45 0.00	43.41 1.46 0.00	41.33 1.37 0.00	45.05 1.54 -0.22	51.46 1.91 -1.45	56.74 1.89 -1.95	61.75 1.89 -2.30	58.27 1.76 -0.26	66.09 1.84 0.00	71.02 1.92 0.00	81.53 2.38 0.00	96.17 3.27 0.00	83.30 1.71 0.00	90.27 1.27 0.00	75.61 0.81 0.00	59.22 0.67 0.00	46.61 0.91 0.00
RAVENSWOOD_GT_9 24257	38.22 0.93 0.00	35.98 0.88 0.00	33.70 0.78 0.00	31.86 0.70 0.00	31.46 0.66 0.00	44.32 0.72 0.00	45.67 1.07 0.00	52.10 1.45 0.00	43.41 1.46 0.00	41.33 1.37 0.00	45.05 1.54 -0.22	51.46 1.91 -1.45	56.74 1.89 -1.95	61.75 1.89 -2.30	58.27 1.76 -0.26	66.09 1.84 0.00	71.02 1.92 0.00	81.53 2.38 0.00	96.17 3.27 0.00	83.30 1.71 0.00	90.27 1.27 0.00	75.61 0.81 0.00	59.22 0.67 0.00	46.61 0.91 0.00

RAVENSWOOD___1 23533	38.28 0.99 0.00	35.98 0.89 0.00	33.74 0.81 0.00	31.89 0.74 0.00	31.49 0.69 0.00	44.27 0.67 0.00	45.71 1.12 0.00	52.17 1.51 0.00	43.54 1.60 0.00	41.47 1.51 0.00	45.15 1.63 -0.22	51.61 2.06 -1.45	56.81 1.96 -1.95	61.77 1.91 -2.30	58.33 1.81 -0.26	66.14 1.89 0.00	71.03 1.93 0.00	81.59 2.43 0.00	96.13 3.22 0.00	83.20 1.61 0.00	90.17 1.18 0.00	75.52 0.72 0.00	59.22 0.68 0.00	46.75 1.05 0.00
RAVENSWOOD___2 23534	38.26 0.96 0.00	35.97 0.87 0.00	33.74 0.81 0.00	31.89 0.74 0.00	31.49 0.69 0.00	44.27 0.67 0.00	45.71 1.12 0.00	52.17 1.51 0.00	43.54 1.60 0.00	41.47 1.51 0.00	45.15 1.63 -0.22	51.61 2.06 -1.45	56.81 1.96 -1.95	61.77 1.91 -2.30	58.33 1.81 -0.26	66.14 1.89 0.00	71.03 1.93 0.00	81.59 2.43 0.00	96.13 3.22 0.00	83.20 1.61 0.00	90.17 1.18 0.00	75.52 0.72 0.00	59.22 0.68 0.00	46.75 1.05 0.00
RAVENSWOOD___3 23535	38.22 0.93 0.00	35.98 0.89 0.00	33.70 0.78 0.00	31.86 0.70 0.00	31.46 0.66 0.00	44.32 0.72 0.00	45.66 1.07 0.00	52.10 1.44 0.00	43.41 1.46 0.00	41.34 1.37 0.00	45.05 1.54 -0.22	51.48 1.92 -1.45	56.74 1.89 -1.95	61.74 1.88 -2.30	58.22 1.70 -0.26	66.03 1.78 0.00	70.98 1.88 0.00	81.54 2.39 0.00	96.15 3.24 0.00	83.30 1.70 0.00	90.27 1.27 0.00	75.60 0.81 0.00	59.22 0.68 0.00	46.61 0.91 0.00
RAVENSWOOD___4 23820	38.26 0.96 0.00	35.97 0.87 0.00	33.74 0.81 0.00	31.89 0.74 0.00	31.49 0.69 0.00	44.27 0.67 0.00	45.71 1.12 0.00	52.17 1.51 0.00	43.54 1.60 0.00	41.47 1.51 0.00	45.15 1.63 -0.22	51.61 2.06 -1.45	56.81 1.96 -1.95	61.77 1.91 -2.30	58.33 1.81 -0.26	66.14 1.89 0.00	71.03 1.93 0.00	81.59 2.43 0.00	96.13 3.22 0.00	83.20 1.61 0.00	90.17 1.18 0.00	75.52 0.72 0.00	59.22 0.68 0.00	46.75 1.05 0.00
RCPL_TRUST___DRP 24196	38.26 0.97 0.00	36.02 0.93 0.00	33.75 0.82 0.00	31.89 0.74 0.00	31.49 0.69 0.00	44.38 0.77 0.00	45.73 1.14 0.00	52.20 1.55 0.00	43.50 1.55 0.00	41.42 1.46 0.00	45.16 1.65 -0.22	51.58 2.03 -1.45	56.88 2.02 -1.95	61.91 2.06 -2.30	58.42 1.91 -0.26	66.23 1.98 0.00	71.16 2.06 0.00	81.69 2.54 0.00	96.27 3.36 0.00	83.34 1.75 0.00	90.30 1.31 0.00	75.63 0.84 0.00	59.22 0.68 0.00	46.61 0.91 0.00
RED___ROCHESTER 323720	38.35 1.06 0.00	35.75 0.66 0.00	33.37 0.44 0.00	31.60 0.44 0.00	31.15 0.34 0.00	44.38 0.78 0.00	45.02 0.43 0.00	51.05 0.40 0.00	42.16 0.21 0.00	40.65 0.69 0.00	44.58 1.28 0.00	49.88 1.78 0.00	55.49 2.58 0.00	60.68 3.13 0.00	59.66 3.40 0.00	68.03 3.78 0.00	73.36 4.27 0.00	84.07 4.92 0.00	98.89 5.98 0.00	86.10 4.51 0.00	93.22 4.23 0.00	77.84 3.05 0.00	60.70 2.16 0.00	47.13 1.43 0.00
REGAN___SOLAR 323812	39.44 2.15 0.00	36.97 1.88 0.00	34.63 1.70 0.00	32.71 1.56 0.00	32.32 1.52 0.00	45.82 2.22 0.00	46.99 2.40 0.00	53.22 2.57 0.00	43.50 1.55 0.00	40.43 0.47 0.00	43.23 0.08 0.15	47.28 0.19 1.01	51.73 0.19 1.36	56.50 0.38 1.43	56.40 0.29 0.15	65.22 0.97 0.00	71.67 2.57 0.00	82.14 2.99 0.00	98.53 5.63 0.00	87.08 5.49 0.00	95.11 6.12 0.00	79.86 5.06 0.00	62.30 3.76 0.00	48.46 2.76 0.00
RENSSELAER___COGEN 23796	36.99 -0.30 0.00	34.97 -0.12 0.00	32.97 0.05 0.00	31.20 0.05 0.00	30.89 0.09 0.00	43.55 -0.05 0.00	44.56 -0.03 0.00	50.71 0.06 0.00	42.16 0.21 0.00	39.92 -0.05 0.00	42.82 -0.30 0.17	46.57 -0.38 1.15	50.68 -0.68 1.55	54.87 -0.88 1.80	55.09 -0.96 0.20	63.19 -1.06 0.00	68.04 -1.06 0.00	78.12 -1.04 0.00	92.46 -0.45 0.00	80.83 -0.77 0.00	87.81 -1.18 0.00	73.74 -1.05 0.00	57.62 -0.92 0.00	45.14 -0.57 0.00
REPUBLIC_115KV_BARTNBK 55605	42.25 4.96 0.00	39.24 4.15 0.00	37.03 4.11 0.00	34.95 3.79 0.00	34.65 3.85 0.00	49.05 5.45 0.00	49.83 5.24 0.00	56.59 5.94 0.00	46.51 4.56 0.00	43.59 3.63 0.00	46.29 3.19 0.20	51.19 4.40 1.31	55.87 4.72 1.76	60.59 5.07 2.04	61.43 5.40 0.23	70.47 6.22 0.00	76.45 7.35 0.00	89.05 9.90 0.00	107.59 14.68 0.00	93.64 12.05 0.00	100.56 11.57 0.00	84.49 9.69 0.00	65.48 6.94 0.00	50.98 5.28 0.00
REVERE_CPPR_DRP 24186	38.98 1.69 0.00	36.48 1.39 0.00	34.22 1.30 0.00	32.40 1.24 0.00	31.98 1.18 0.00	45.47 1.87 0.00	46.49 1.89 0.00	52.83 2.17 0.00	43.59 1.64 0.00	41.45 1.49 0.00	44.78 1.49 0.00	49.72 1.61 0.00	54.69 1.79 0.00	59.66 2.11 0.00	58.52 2.26 0.00	66.92 2.67 0.00	72.37 3.14 -0.14	84.95 4.23 -1.58	100.68 5.91 -1.86	87.01 5.41 0.00	95.02 5.98 -0.05	114.17 4.73 -34.64	73.09 3.32 -11.23	53.60 2.24 -5.65
REYNLDPA_13_KV_LD 356490	37.92 0.63 0.00	35.78 0.69 0.00	33.51 0.58 0.00	31.72 0.56 0.00	31.37 0.57 0.00	44.52 0.92 0.00	45.48 0.89 0.00	51.62 0.97 0.00	42.67 0.72 0.00	40.79 0.83 0.00	44.30 1.01 0.00	49.02 0.92 0.00	53.97 1.07 0.00	58.71 1.16 0.00	57.36 1.11 0.00	65.43 1.18 0.00	70.12 1.02 0.00	79.93 0.78 0.00	93.04 0.13 0.00	81.53 -0.06 0.00	89.94 0.95 0.00	29.20 1.11 46.71	45.28 0.89 14.16	37.93 0.94 8.72
REYNOLDS_115KV_TB3 80639	37.34 0.06 0.00	35.29 0.20 0.00	33.27 0.34 0.00	31.46 0.30 0.00	31.14 0.34 0.00	43.92 0.32 0.00	44.92 0.33 0.00	51.09 0.44 0.00	42.45 0.50 0.00	40.20 0.23 0.00	43.03 -0.05 0.21	46.63 -0.09 1.38	50.76 -0.29 1.86	54.94 -0.44 2.17	55.50 -0.51 0.24	63.68 -0.57 0.00	68.51 -0.59 0.00	78.70 -0.45 0.00	93.21 0.30 0.00	81.45 -0.15 0.00	88.44 -0.55 0.00	74.31 -0.49 0.00	58.06 -0.48 0.00	45.46 -0.24 0.00
RIVERBAY____ 323610	39.11 1.82 0.00	36.81 1.72 0.00	34.54 1.61 0.00	32.71 1.56 0.00	32.31 1.51 0.00	45.50 1.90 0.00	47.05 2.46 0.00	53.59 2.94 0.00	44.64 2.69 0.00	42.44 2.48 0.00	46.18 2.67 -0.22	52.78 3.22 -1.45	58.10 3.25 -1.95	63.21 3.35 -2.30	59.71 3.19 -0.26	67.86 3.61 0.00	72.88 3.78 0.00	83.67 4.52 0.00	98.66 5.75 0.00	85.37 3.78 0.00	92.74 3.75 0.00	77.61 2.81 0.00	60.78 2.24 0.00	48.05 2.35 0.00
RIVERSDE_115KV_TB3 55908	37.25 -0.04 0.00	35.18 0.09 0.00	33.16 0.24 0.00	31.37 0.21 0.00	31.06 0.26 0.00	43.79 0.19 0.00	44.80 0.21 0.00	50.98 0.32 0.00	42.37 0.42 0.00	40.12 0.16 0.00	43.01 -0.10 0.19	46.69 -0.13 1.27	50.85 -0.34 1.71	55.06 -0.49 1.99	55.49 -0.54 0.22	63.65 -0.60 0.00	68.51 -0.59 0.00	78.66 -0.49 0.00	93.12 0.21 0.00	81.36 -0.23 0.00	88.36 -0.63 0.00	74.22 -0.58 0.00	57.97 -0.57 0.00	45.38 -0.33 0.00
ROARING___BROOK_WT_PWR 323790	37.09 -0.19 0.00	34.81 -0.28 0.00	32.66 -0.26 0.00	30.93 -0.23 0.00	30.64 -0.15 0.00	43.47 -0.13 0.00	44.53 -0.06 0.00	50.61 -0.04 0.00	41.97 0.01 0.00	40.00 0.04 0.00	43.39 0.09 0.00	48.16 0.06 0.00	52.98 0.07 0.00	57.62 0.06 0.00	56.32 0.06 0.00	64.31 0.06 0.00	69.10 0.00 0.00	79.11 -0.05 0.00	92.73 -0.17 0.00	81.51 -0.08 0.00	89.03 0.04 0.00	71.35 0.13 3.59	56.98 0.15 1.72	45.37 -0.15 0.18

ROCHESRG_115KV_T4 355643	37.86 0.57 0.00	35.31 0.22 0.00	32.98 0.05 0.00	31.24 0.08 0.00	30.80 0.00 0.00	43.85 0.25 0.00	44.46 -0.13 0.00	50.41 -0.24 0.00	41.61 -0.34 0.00	40.12 0.16 0.00	43.96 0.66 0.00	49.14 1.04 0.00	54.59 1.68 0.00	59.63 2.08 0.00	58.49 2.23 0.00	66.66 2.41 0.00	71.88 2.79 0.00	82.46 3.31 0.00	97.01 4.11 0.00	84.57 2.98 0.00	91.66 2.67 0.00	76.62 1.82 0.00	59.80 1.26 0.00	46.49 0.79 0.00
ROCHESTER_9_IC 23652	38.12 0.84 0.00	35.55 0.46 0.00	33.18 0.26 0.00	31.44 0.28 0.00	30.99 0.19 0.00	44.14 0.54 0.00	44.76 0.17 0.00	50.75 0.10 0.00	41.90 -0.06 0.00	40.40 0.44 0.00	44.29 0.99 0.00	49.54 1.44 0.00	55.06 2.16 0.00	60.18 2.63 0.00	59.04 2.78 0.00	67.31 3.06 0.00	72.62 3.52 0.00	83.29 4.14 0.00	97.98 5.07 0.00	85.37 3.78 0.00	92.48 3.49 0.00	77.26 2.46 0.00	60.28 1.74 0.00	46.82 1.12 0.00
ROCKVIEW_13_KV_LD 356306	38.29 1.00 0.00	36.05 0.96 0.00	33.79 0.86 0.00	31.92 0.77 0.00	31.53 0.73 0.00	44.46 0.86 0.00	45.77 1.18 0.00	52.21 1.55 0.00	43.45 1.49 0.00	41.34 1.38 0.00	45.07 1.56 -0.22	51.49 1.94 -1.45	56.81 1.96 -1.95	61.86 2.00 -2.30	58.38 1.86 -0.26	66.24 1.99 0.00	71.21 2.11 0.00	81.80 2.64 0.00	96.53 3.62 0.00	83.67 2.07 0.00	90.65 1.66 0.00	75.94 1.15 0.00	59.43 0.88 0.00	46.72 1.01 0.00
ROME____115KV_TB2 80656	38.98 1.69 0.00	36.48 1.39 0.00	34.22 1.30 0.00	32.40 1.24 0.00	31.98 1.18 0.00	45.47 1.87 0.00	46.49 1.89 0.00	52.83 2.17 0.00	43.59 1.64 0.00	41.45 1.49 0.00	44.78 1.49 0.00	49.72 1.61 0.00	54.69 1.79 0.00	59.66 2.11 0.00	58.52 2.26 0.00	66.92 2.67 0.00	72.37 3.14 -0.14	84.95 4.23 -1.58	100.68 5.91 -1.86	87.01 5.41 0.00	95.02 5.98 -0.05	114.17 4.73 -34.64	73.09 3.32 -11.23	53.60 2.24 -5.65
ROSETON____1 23587	37.80 0.51 0.00	35.61 0.52 0.00	33.42 0.49 0.00	31.59 0.43 0.00	31.20 0.40 0.00	44.00 0.40 0.00	45.24 0.65 0.00	51.55 0.90 0.00	42.85 0.90 0.00	40.73 0.77 0.00	44.28 0.79 -0.20	50.49 1.05 -1.33	55.68 0.98 -1.80	60.57 0.90 -2.12	57.28 0.78 -0.24	65.05 0.80 0.00	69.96 0.86 0.00	80.42 1.27 0.00	95.00 2.09 0.00	82.56 0.96 0.00	89.57 0.58 0.00	75.13 0.33 0.00	58.78 0.24 0.00	46.14 0.44 0.00
ROSETON____2 23588	37.80 0.51 0.00	35.61 0.52 0.00	33.42 0.49 0.00	31.59 0.43 0.00	31.20 0.40 0.00	44.00 0.40 0.00	45.24 0.65 0.00	51.55 0.90 0.00	42.85 0.90 0.00	40.73 0.77 0.00	44.28 0.79 -0.20	50.49 1.05 -1.33	55.68 0.98 -1.80	60.57 0.90 -2.12	57.28 0.78 -0.24	65.05 0.80 0.00	69.96 0.86 0.00	80.42 1.27 0.00	95.00 2.09 0.00	82.56 0.96 0.00	89.57 0.58 0.00	75.13 0.33 0.00	58.78 0.24 0.00	46.14 0.44 0.00
ROTTTRDAM_115KV_TB3 80664	37.93 0.64 0.00	35.70 0.61 0.00	33.56 0.63 0.00	31.72 0.57 0.00	31.38 0.57 0.00	44.32 0.72 0.00	45.36 0.77 0.00	51.54 0.89 0.00	42.67 0.72 0.00	40.47 0.51 0.00	43.51 0.37 0.15	47.52 0.43 1.01	51.96 0.42 1.36	56.36 0.37 1.56	56.48 0.39 0.17	64.81 0.56 0.00	69.81 0.71 0.00	80.18 1.03 0.00	94.85 1.94 0.00	83.05 1.46 0.00	90.35 1.35 0.00	75.87 1.07 0.00	59.28 0.74 0.00	46.33 0.63 0.00
RUSSELL____1 23602	38.36 1.06 0.00	35.75 0.66 0.00	33.37 0.44 0.00	31.60 0.44 0.00	31.15 0.34 0.00	44.38 0.78 0.00	45.01 0.41 0.00	51.03 0.38 0.00	42.15 0.20 0.00	40.65 0.69 0.00	44.57 1.28 0.00	49.88 1.78 0.00	55.48 2.58 0.00	60.67 3.12 0.00	59.56 3.30 0.00	67.94 3.69 0.00	73.31 4.21 0.00	84.08 4.93 0.00	98.86 5.95 0.00	86.11 4.51 0.00	93.21 4.22 0.00	77.85 3.05 0.00	60.69 2.15 0.00	47.13 1.43 0.00
RUSSELL____2 23532	38.36 1.06 0.00	35.75 0.66 0.00	33.37 0.44 0.00	31.60 0.44 0.00	31.15 0.34 0.00	44.38 0.78 0.00	45.01 0.41 0.00	51.03 0.38 0.00	42.15 0.20 0.00	40.65 0.69 0.00	44.57 1.28 0.00	49.88 1.78 0.00	55.48 2.58 0.00	60.67 3.12 0.00	59.56 3.30 0.00	67.94 3.69 0.00	73.31 4.21 0.00	84.08 4.93 0.00	98.86 5.95 0.00	86.11 4.51 0.00	93.21 4.22 0.00	77.85 3.05 0.00	60.69 2.15 0.00	47.13 1.43 0.00
RUSSELL____3 23549	38.36 1.06 0.00	35.75 0.66 0.00	33.37 0.44 0.00	31.60 0.44 0.00	31.15 0.34 0.00	44.38 0.78 0.00	45.01 0.41 0.00	51.03 0.38 0.00	42.15 0.20 0.00	40.65 0.69 0.00	44.57 1.28 0.00	49.88 1.78 0.00	55.48 2.58 0.00	60.67 3.12 0.00	59.56 3.30 0.00	67.94 3.69 0.00	73.31 4.21 0.00	84.08 4.93 0.00	98.86 5.95 0.00	86.11 4.51 0.00	93.21 4.22 0.00	77.85 3.05 0.00	60.69 2.15 0.00	47.13 1.43 0.00
RUSSELL____4 23556	38.36 1.06 0.00	35.75 0.66 0.00	33.37 0.44 0.00	31.60 0.44 0.00	31.15 0.34 0.00	44.38 0.78 0.00	45.01 0.41 0.00	51.03 0.38 0.00	42.15 0.20 0.00	40.65 0.69 0.00	44.57 1.28 0.00	49.88 1.78 0.00	55.48 2.58 0.00	60.67 3.12 0.00	59.56 3.30 0.00	67.94 3.69 0.00	73.31 4.21 0.00	84.08 4.93 0.00	98.86 5.95 0.00	86.11 4.51 0.00	93.21 4.22 0.00	77.85 3.05 0.00	60.69 2.15 0.00	47.13 1.43 0.00
RUSSELL____STATION 23914	38.36 1.06 0.00	35.75 0.66 0.00	33.37 0.44 0.00	31.60 0.44 0.00	31.15 0.34 0.00	44.38 0.78 0.00	45.01 0.41 0.00	51.03 0.38 0.00	42.15 0.20 0.00	40.65 0.69 0.00	44.57 1.28 0.00	49.88 1.78 0.00	55.48 2.58 0.00	60.67 3.12 0.00	59.56 3.30 0.00	67.94 3.69 0.00	73.31 4.21 0.00	84.08 4.93 0.00	98.86 5.95 0.00	86.11 4.51 0.00	93.21 4.22 0.00	77.85 3.05 0.00	60.69 2.15 0.00	47.13 1.43 0.00
S SALMON____HYD 24043	37.64 0.35 0.00	35.23 0.14 0.00	33.05 0.12 0.00	31.26 0.10 0.00	30.91 0.11 0.00	43.85 0.25 0.00	44.86 0.27 0.00	50.82 0.17 0.00	41.99 0.03 0.00	39.93 -0.03 0.00	43.26 -0.03 0.00	48.01 -0.09 0.00	52.76 -0.14 0.00	57.56 0.00 0.00	56.33 0.08 0.00	64.29 0.03 0.00	69.90 0.20 -0.61	86.76 0.72 -6.88	102.76 1.73 -8.13	83.53 1.93 0.00	91.46 2.24 -0.22	117.53 1.67 -41.06	72.71 1.16 -13.01	52.81 0.56 -6.55
S.PERRY__115KV_TB1 80734	38.09 0.80 0.00	35.40 0.31 0.00	33.13 0.20 0.00	31.39 0.23 0.00	30.92 0.12 0.00	44.24 0.64 0.00	44.99 0.40 0.00	50.87 0.22 0.00	41.59 -0.37 0.00	39.91 -0.05 0.00	43.60 0.30 0.00	48.66 0.56 0.00	53.81 0.91 0.00	58.88 1.33 0.00	57.69 1.43 0.00	65.89 1.64 0.00	71.78 2.68 0.00	82.92 3.77 0.00	98.30 5.39 0.00	86.04 4.45 0.00	93.65 4.65 0.00	78.04 3.24 0.00	60.70 2.15 0.00	47.20 1.49 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	38.28 0.99 0.00	35.50 0.41 0.00	33.07 0.15 0.00	31.42 0.26 0.00	30.85 0.05 0.00	44.16 0.56 0.00	44.21 -0.38 0.00	49.95 -0.71 0.00	41.18 -0.77 0.00	40.31 0.35 0.00	44.74 1.45 0.00	50.16 2.06 0.00	56.12 3.21 0.00	61.26 3.71 0.00	60.10 3.84 0.00	68.17 3.92 0.00	73.38 4.28 0.00	83.86 4.71 0.00	98.40 5.49 0.00	85.39 3.79 0.00	92.42 3.43 0.00	77.16 2.36 0.00	60.47 1.93 0.00	47.01 1.31 0.00

SAWYER___23_KV_LOAD 55526	38.28 0.99 0.00	35.50 0.41 0.00	33.07 0.15 0.00	31.42 0.26 0.00	30.85 0.05 0.00	44.16 0.56 0.00	44.21 -0.38 0.00	49.95 -0.71 0.00	41.18 -0.77 0.00	40.31 0.35 0.00	44.74 1.45 0.00	50.16 2.06 0.00	56.12 3.21 0.00	61.26 3.71 0.00	60.10 3.84 0.00	68.17 3.92 0.00	73.38 4.28 0.00	83.86 4.71 0.00	98.40 5.49 0.00	85.39 3.79 0.00	92.42 3.43 0.00	77.16 2.36 0.00	60.47 1.93 0.00	47.01 1.31 0.00
SELKIRK___I 23801	36.85 -0.44 0.00	35.28 0.19 0.00	33.33 0.40 0.00	31.54 0.39 0.00	31.22 0.42 0.00	44.03 0.43 0.00	45.03 0.44 0.00	51.18 0.53 0.00	42.45 0.50 0.00	40.14 0.18 0.00	43.16 -0.03 0.11	47.20 -0.19 0.71	51.45 -0.50 0.96	55.73 -0.71 1.11	55.38 -0.75 0.12	63.44 -0.81 0.00	68.46 -0.64 0.00	78.44 -0.71 0.00	93.08 0.17 0.00	81.52 -0.07 0.00	88.69 -0.30 0.00	74.50 -0.30 0.00	58.25 -0.30 0.00	45.64 -0.07 0.00
SELKIRK___II 23799	36.88 -0.41 0.00	34.95 -0.14 0.00	33.05 0.12 0.00	31.32 0.16 0.00	30.98 0.18 0.00	43.70 0.10 0.00	44.73 0.14 0.00	50.90 0.24 0.00	42.27 0.32 0.00	40.06 0.10 0.00	43.08 -0.08 0.13	47.06 -0.20 0.84	51.13 -0.64 1.13	55.30 -0.94 1.31	55.10 -1.01 0.15	63.12 -1.13 0.00	67.95 -1.15 0.00	77.97 -1.19 0.00	92.21 -0.70 0.00	80.66 -0.94 0.00	87.65 -1.35 0.00	73.62 -1.18 0.00	57.57 -0.98 0.00	45.17 -0.53 0.00
SENECA OSWGO___HYD 24041	36.75 -0.54 0.00	34.48 -0.61 0.00	32.32 -0.61 0.00	30.58 -0.58 0.00	30.20 -0.60 0.00	42.83 -0.77 0.00	43.78 -0.81 0.00	49.68 -0.98 0.00	41.08 -0.87 0.00	39.17 -0.79 0.00	42.51 -0.79 0.00	47.27 -0.83 0.00	52.05 -0.86 0.00	56.71 -0.84 0.00	55.54 -0.71 0.00	63.50 -0.76 -0.01	69.38 -0.64 -0.92	89.21 -0.37 -10.43	105.17 -0.05 -12.31	81.42 -0.17 0.00	88.92 -0.41 -0.33	80.74 -0.65 -6.60	60.07 -0.69 -2.23	45.28 -0.65 -0.23
SENECA___115KV_TB3 355854	38.73 1.45 0.00	35.87 0.78 0.00	33.42 0.50 0.00	31.75 0.60 0.00	31.17 0.37 0.00	44.67 1.07 0.00	44.74 0.15 0.00	50.57 -0.08 0.00	41.74 -0.21 0.00	40.87 0.91 0.00	45.34 2.04 0.00	50.86 2.76 0.00	56.89 3.99 0.00	62.19 4.64 0.00	61.05 4.79 0.00	69.29 5.04 0.00	74.67 5.58 0.00	85.39 6.24 0.00	100.20 7.28 0.00	86.90 5.30 0.00	94.04 5.05 0.00	78.48 3.68 0.00	61.37 2.82 0.00	47.65 1.95 0.00
SENECA___ENERGY 23797	37.68 0.39 0.00	35.20 0.10 0.00	32.89 -0.03 0.00	31.13 -0.03 0.00	30.76 -0.04 0.00	43.75 0.15 0.00	44.69 0.10 0.00	51.22 0.56 0.00	41.75 -0.20 0.00	39.94 -0.03 0.00	43.47 0.17 0.00	48.38 0.28 0.00	53.45 0.54 0.00	58.45 0.90 0.00	57.23 0.97 0.00	65.50 1.24 0.00	71.11 1.64 -0.37	85.64 2.32 -4.17	101.11 3.27 -4.93	84.26 2.66 0.00	91.59 2.46 -0.13	77.20 1.63 -0.78	59.51 0.97 0.00	46.30 0.59 0.00
SHOEMAKER___GT 23640	37.88 0.59 0.00	35.65 0.56 0.00	33.45 0.52 0.00	31.61 0.46 0.00	31.21 0.41 0.00	44.05 0.45 0.00	45.26 0.67 0.00	51.54 0.89 0.00	42.78 0.83 0.00	40.64 0.67 0.00	44.15 0.68 -0.18	50.24 0.93 -1.20	55.46 0.93 -1.62	60.41 0.94 -1.91	57.36 0.88 -0.22	65.23 0.98 0.00	70.15 1.05 0.00	80.67 1.52 0.00	95.30 2.40 0.00	82.98 1.38 0.00	90.09 1.10 0.00	75.54 0.74 0.00	59.08 0.53 0.00	46.30 0.59 0.00
SHOEMAKR_138KV_BK 111 55601	37.85 0.56 0.00	35.64 0.54 0.00	33.42 0.50 0.00	31.59 0.43 0.00	31.20 0.40 0.00	44.02 0.42 0.00	45.23 0.64 0.00	51.53 0.87 0.00	42.78 0.83 0.00	40.65 0.69 0.00	44.17 0.70 -0.18	50.26 0.97 -1.19	55.47 0.96 -1.60	60.44 0.99 -1.89	57.43 0.95 -0.21	65.26 1.01 0.00	70.19 1.10 0.00	80.65 1.50 0.00	95.28 2.37 0.00	82.91 1.32 0.00	90.00 1.01 0.00	75.46 0.66 0.00	59.02 0.48 0.00	46.26 0.56 0.00
SHOREHAM_IC_1 23715	30.81 0.05 6.52	35.32 0.23 0.00	33.23 0.31 0.00	31.50 0.35 0.00	31.08 0.27 0.00	43.54 -0.06 0.00	41.69 0.09 2.99	13.48 -0.12 37.05	10.55 0.02 31.42	13.50 0.00 26.46	43.96 0.45 -0.22	44.19 0.28 4.19	44.02 0.18 9.07	44.31 0.11 13.35	34.86 -0.05 21.35	51.45 0.35 13.15	54.14 0.28 15.24	80.25 1.09 0.00	86.52 1.55 7.94	69.81 0.33 12.12	71.38 -0.32 17.30	45.69 -0.86 28.24	44.54 -1.04 12.96	42.77 -0.46 2.47
SHOREHAM_IC_2 23716	30.86 0.09 6.52	35.32 0.23 0.00	33.23 0.31 0.00	31.50 0.34 0.00	31.08 0.27 0.00	43.54 -0.06 0.00	41.73 0.13 2.99	13.58 -0.03 37.05	10.63 0.09 31.42	13.60 0.10 26.46	43.96 0.45 -0.22	44.22 0.31 4.19	44.02 0.18 9.07	44.35 0.15 13.35	35.08 0.17 21.35	51.83 0.73 13.15	54.26 0.41 15.24	80.24 1.09 0.00	86.54 1.57 7.94	69.83 0.36 12.12	71.38 -0.31 17.30	45.73 -0.82 28.24	44.58 -1.00 12.96	42.77 -0.46 2.47
SISSONVILLE____ 23735	38.53 1.24 0.00	36.43 1.34 0.00	34.11 1.19 0.00	32.28 1.13 0.00	31.93 1.13 0.00	45.36 1.77 0.00	46.35 1.75 0.00	52.52 1.87 0.00	43.28 1.33 0.00	41.27 1.31 0.00	44.86 1.56 0.00	49.53 1.43 0.00	54.51 1.60 0.00	59.38 1.83 0.00	58.00 1.74 0.00	66.11 1.86 0.00	70.48 1.30 -0.08	81.12 1.08 -0.89	94.31 0.35 -1.05	82.81 1.21 0.00	91.21 2.19 -0.03	483.98 3.32 -405.86	194.20 3.03 -132.63	114.52 2.05 -66.77
SITHE_IND_GS1 24169	36.23 -1.06 0.00	34.00 -1.09 0.00	31.88 -1.04 0.00	30.16 -1.00 0.00	29.80 -0.99 0.00	42.23 -1.37 0.00	43.16 -1.43 0.00	48.96 -1.69 0.00	40.50 -1.45 0.00	38.64 -1.32 0.00	41.93 -1.37 0.00	46.62 -1.48 0.00	51.36 -1.54 0.00	55.94 -1.61 0.00	54.77 -1.49 0.00	62.55 -1.68 0.02	64.72 -1.71 2.68	46.90 -1.79 30.46	55.12 -1.83 35.96	79.89 -1.70 0.00	85.97 -2.05 0.97	67.19 -1.92 5.69	56.93 -1.61 0.00	44.41 -1.29 0.00
SITHE_IND_GS2 24170	36.23 -1.06 0.00	34.00 -1.09 0.00	31.88 -1.04 0.00	30.16 -1.00 0.00	29.80 -0.99 0.00	42.23 -1.37 0.00	43.16 -1.43 0.00	48.96 -1.69 0.00	40.50 -1.45 0.00	38.64 -1.32 0.00	41.93 -1.37 0.00	46.62 -1.48 0.00	51.36 -1.54 0.00	55.94 -1.61 0.00	54.77 -1.49 0.00	62.55 -1.68 0.02	64.72 -1.71 2.68	46.90 -1.79 30.46	55.12 -1.83 35.96	79.89 -1.70 0.00	85.97 -2.05 0.97	67.19 -1.92 5.69	56.93 -1.61 0.00	44.41 -1.29 0.00
SITHE_IND_GS3 24171	36.23 -1.06 0.00	34.00 -1.09 0.00	31.88 -1.04 0.00	30.16 -1.00 0.00	29.80 -0.99 0.00	42.23 -1.37 0.00	43.16 -1.43 0.00	48.96 -1.69 0.00	40.50 -1.45 0.00	38.64 -1.32 0.00	41.93 -1.37 0.00	46.62 -1.48 0.00	51.36 -1.54 0.00	55.94 -1.61 0.00	54.77 -1.49 0.00	62.55 -1.68 0.02	64.72 -1.71 2.68	46.90 -1.79 30.46	55.12 -1.83 35.96	79.89 -1.70 0.00	85.97 -2.05 0.97	67.19 -1.92 5.69	56.93 -1.61 0.00	44.41 -1.29 0.00
SITHE_IND_GS4 24172	36.23 -1.06 0.00	34.00 -1.09 0.00	31.88 -1.04 0.00	30.16 -1.00 0.00	29.80 -0.99 0.00	42.23 -1.37 0.00	43.16 -1.43 0.00	48.96 -1.69 0.00	40.50 -1.45 0.00	38.64 -1.32 0.00	41.93 -1.37 0.00	46.62 -1.48 0.00	51.36 -1.54 0.00	55.94 -1.61 0.00	54.77 -1.49 0.00	62.55 -1.68 0.02	64.72 -1.71 2.68	46.90 -1.79 30.46	55.12 -1.83 35.96	79.89 -1.70 0.00	85.97 -2.05 0.97	67.19 -1.92 5.69	56.93 -1.61 0.00	44.41 -1.29 0.00

SITHE___BATAVIA 24024	39.41 2.12 0.00	36.58 1.48 0.00	34.07 1.15 0.00	32.32 1.16 0.00	31.79 0.99 0.00	45.48 1.88 0.00	45.85 1.26 0.00	51.94 1.29 0.00	42.65 0.69 0.00	41.08 1.12 0.00	44.66 1.37 0.00	49.87 1.77 0.00	55.64 2.74 0.00	60.89 3.34 0.00	59.97 3.71 0.00	68.34 4.10 0.00	73.72 4.61 0.00	84.48 5.33 0.00	99.42 6.51 0.00	86.62 5.03 0.00	93.85 4.86 0.00	78.53 3.74 0.00	62.26 3.72 0.00	48.31 2.61 0.00
SITHE___INDEPEND 23800	36.23 -1.06 0.00	34.00 -1.09 0.00	31.88 -1.04 0.00	30.16 -1.00 0.00	29.81 -0.99 0.00	42.23 -1.37 0.00	43.15 -1.44 0.00	48.96 -1.70 0.00	40.50 -1.45 0.00	38.63 -1.33 0.00	41.93 -1.37 0.00	46.62 -1.48 0.00	51.36 -1.54 0.00	55.94 -1.61 0.00	54.74 -1.51 0.00	62.54 -1.69 0.02	64.70 -1.72 2.68	46.90 -1.79 30.46	55.12 -1.83 35.96	79.89 -1.70 0.00	85.97 -2.05 0.97	67.19 -1.92 5.69	56.93 -1.61 0.00	44.41 -1.29 0.00
SITHE___MASSENA 23902	38.05 0.76 0.00	35.98 0.89 0.00	33.70 0.77 0.00	31.90 0.74 0.00	31.54 0.74 0.00	44.77 1.18 0.00	45.74 1.15 0.00	51.90 1.25 0.00	42.87 0.92 0.00	40.95 0.99 0.00	44.49 1.19 0.00	49.21 1.10 0.00	54.18 1.27 0.00	58.95 1.40 0.00	57.58 1.32 0.00	65.67 1.42 0.00	70.21 1.11 0.00	79.89 0.74 0.00	92.98 0.08 0.00	82.21 0.61 0.00	90.21 1.22 0.00	459.23 1.99 -382.44	155.02 1.84 -94.64	134.56 1.29 -87.57
SITHE___OGDNSBRG 24021	39.05 1.76 0.00	36.91 1.82 0.00	34.55 1.63 0.00	32.70 1.55 0.00	32.35 1.55 0.00	45.98 2.39 0.00	46.95 2.36 0.00	53.08 2.43 0.00	43.53 1.58 0.00	41.35 1.39 0.00	45.03 1.73 0.00	49.61 1.51 0.00	54.61 1.70 0.00	59.56 2.01 0.00	58.06 1.80 0.00	66.19 1.94 0.00	70.62 1.51 0.00	80.64 1.49 0.00	94.33 1.41 0.00	84.28 2.69 0.00	92.99 4.00 0.00	530.99 4.56 -451.63	206.54 3.82 -144.18	125.95 2.70 -77.55
SITHE___STERLING 23777	38.44 1.15 0.00	36.01 0.92 0.00	33.79 0.87 0.00	31.98 0.83 0.00	31.58 0.78 0.00	44.86 1.27 0.00	45.89 1.29 0.00	52.09 1.44 0.00	43.02 1.07 0.00	40.90 0.94 0.00	44.24 0.94 0.00	49.16 1.06 0.00	54.13 1.23 0.00	59.00 1.45 0.00	57.88 1.63 0.00	66.19 1.94 0.00	71.52 2.27 -0.15	83.97 3.10 -1.72	99.38 4.43 -2.03	85.58 3.99 0.00	93.41 4.37 -0.05	101.42 3.38 -23.24	68.35 2.31 -7.49	51.03 1.56 -3.77
SLEIGHT__34_KV_TB1 80719	37.64 0.34 0.00	35.16 0.07 0.00	32.83 -0.10 0.00	31.07 -0.09 0.00	30.68 -0.12 0.00	43.69 0.09 0.00	44.43 -0.16 0.00	50.36 -0.29 0.00	41.56 -0.39 0.00	39.89 -0.07 0.00	43.51 0.22 0.00	48.54 0.44 0.00	53.80 0.90 0.00	58.77 1.22 0.00	57.63 1.38 0.00	65.86 1.61 0.00	71.21 2.00 -0.11	82.94 2.58 -1.21	97.86 3.52 -1.43	84.25 2.65 0.00	91.41 2.38 -0.04	76.56 1.54 -0.23	59.51 0.97 0.00	46.24 0.54 0.00
SMITHTWN_69_KV_BK 1 55830	31.37 0.57 6.49	35.81 0.72 0.00	33.68 0.75 0.00	31.91 0.75 0.00	31.47 0.67 0.00	44.16 0.56 0.00	42.38 0.76 2.97	14.41 0.60 36.85	11.28 0.58 31.25	14.22 0.57 26.31	44.57 1.06 -0.22	45.00 1.05 4.16	44.92 1.02 9.01	45.29 1.00 13.27	36.09 1.06 21.22	52.79 1.61 13.07	55.27 1.33 15.16	81.09 1.94 0.00	87.27 2.26 7.90	70.67 1.13 12.06	72.33 0.55 17.21	46.67 -0.03 28.09	45.33 -0.32 12.90	43.32 0.07 2.46
SOUTH CAIRO___GT 23612	38.27 0.98 0.00	36.19 1.10 0.00	34.15 1.22 0.00	32.31 1.15 0.00	31.99 1.19 0.00	45.19 1.59 0.00	46.27 1.67 0.00	52.72 2.06 0.00	43.72 1.77 0.00	41.22 1.26 0.00	44.16 0.94 0.07	48.48 0.87 0.49	52.64 0.40 0.67	57.22 0.43 0.77	56.52 0.35 0.09	64.75 0.50 0.00	69.98 0.88 0.00	80.85 1.69 0.00	96.50 3.60 0.00	84.85 3.26 0.00	92.33 3.34 0.00	77.46 2.66 0.00	60.23 1.69 0.00	46.95 1.25 0.00
SOUTH HAMPTN___IC 23720	31.54 0.78 6.53	35.97 0.89 0.00	33.85 0.92 0.00	32.09 0.93 0.00	31.63 0.83 0.00	44.34 0.73 0.00	42.47 0.87 2.99	14.37 0.82 37.10	11.34 0.86 31.47	14.36 0.90 26.50	44.99 1.47 -0.22	45.38 1.48 4.20	45.34 1.52 9.08	45.82 1.64 13.37	36.31 1.45 21.39	53.29 2.21 13.17	56.13 2.30 15.27	82.50 3.34 0.00	89.02 4.06 7.95	71.92 2.46 12.13	73.59 1.92 17.32	47.49 0.98 28.28	45.91 0.35 12.98	43.78 0.55 2.47
SOUTHDOW_115KV_TB1 355954	38.49 1.20 0.00	35.55 0.45 0.00	33.14 0.21 0.00	31.47 0.31 0.00	30.98 0.18 0.00	44.53 0.93 0.00	45.02 0.43 0.00	51.00 0.34 0.00	42.32 0.37 0.00	41.57 1.61 0.00	46.13 2.83 0.00	52.08 3.98 0.00	57.92 5.02 0.00	63.56 6.01 0.00	62.42 6.16 0.00	70.86 6.61 0.00	76.13 7.03 0.00	86.32 7.17 0.00	101.32 8.41 0.00	88.35 6.76 0.00	95.70 6.71 0.00	79.53 4.74 0.00	61.94 3.40 0.00	47.54 1.84 0.00
SOUTHOLD_69_KV_BK 2 55809	32.38 1.62 6.53	36.68 1.59 0.00	34.53 1.61 0.00	32.74 1.59 0.00	32.25 1.45 0.00	45.20 1.60 0.00	43.34 1.74 2.99	15.47 1.92 37.10	12.29 1.81 31.46	15.38 1.92 26.50	45.98 2.47 -0.22	46.55 2.64 4.20	46.68 2.85 9.08	47.42 3.24 13.37	37.98 3.11 21.39	55.61 4.53 13.17	58.39 4.55 15.27	84.89 5.74 0.00	91.76 6.81 7.95	74.16 4.70 12.13	76.06 4.39 17.32	49.62 3.10 28.28	47.51 1.95 12.98	44.92 1.69 2.47
SOUTHOLD___IC 23719	32.33 1.57 6.53	36.68 1.59 0.00	34.53 1.61 0.00	32.74 1.59 0.00	32.25 1.45 0.00	45.20 1.60 0.00	43.30 1.70 2.99	15.37 1.82 37.10	12.24 1.75 31.46	15.28 1.82 26.50	45.98 2.47 -0.22	46.52 2.61 4.20	46.65 2.83 9.08	47.38 3.19 13.37	37.77 2.90 21.39	55.25 4.17 13.17	58.27 4.44 15.27	84.89 5.74 0.00	91.76 6.80 7.95	74.14 4.67 12.13	76.05 4.38 17.32	49.59 3.07 28.28	47.48 1.92 12.98	44.92 1.69 2.47
SOUTH_FORK_WT_PWR 323839	32.44 1.69 6.53	36.79 1.70 0.00	34.67 1.74 0.00	32.88 1.73 0.00	32.35 1.56 0.00	45.31 1.71 0.00	43.36 1.76 2.99	15.46 1.91 37.10	12.31 1.83 31.47	15.40 1.94 26.50	46.07 2.56 -0.22	46.60 2.69 4.20	46.77 2.94 9.08	47.56 3.37 13.37	37.89 3.02 21.39	55.51 4.43 13.17	58.56 4.73 15.27	85.16 6.01 0.00	91.98 7.03 7.95	74.33 4.87 12.13	76.37 4.70 17.32	49.96 3.45 28.28	47.77 2.21 12.98	45.13 1.90 2.47
SPIERFLS_115KV_TB 1 80737	38.92 1.63 0.00	36.54 1.45 0.00	34.44 1.51 0.00	32.54 1.38 0.00	32.21 1.41 0.00	45.51 1.91 0.00	46.43 1.84 0.00	52.77 2.12 0.00	43.70 1.75 0.00	41.26 1.30 0.00	43.87 0.76 0.19	47.72 0.89 1.28	52.03 0.85 1.72	56.40 0.83 1.99	57.03 0.99 0.22	65.63 1.38 0.00	70.94 1.84 0.00	81.95 2.80 0.00	98.32 5.41 0.00	85.89 4.29 0.00	93.21 4.22 0.00	78.13 3.33 0.00	60.78 2.23 0.00	47.40 1.69 0.00
ST LAWRENCE____ 23600	37.47 0.18 0.00	35.35 0.26 0.00	33.12 0.19 0.00	31.35 0.19 0.00	31.00 0.20 0.00	43.98 0.38 0.00	44.94 0.34 0.00	51.02 0.37 0.00	42.21 0.26 0.00	40.32 0.35 0.00	43.77 0.48 0.00	48.45 0.35 0.00	53.33 0.43 0.00	57.99 0.44 0.00	56.65 0.39 0.00	64.64 0.39 0.00	69.34 0.24 0.00	79.07 -0.08 0.00	92.05 -0.86 0.00	81.21 -0.39 0.00	89.09 0.10 0.00	37.33 0.54 38.01	47.42 0.65 11.78	39.77 0.43 6.37

STATE_CA_115KV_115_LB 55624	37.32 0.03 0.00	35.24 0.14 0.00	33.19 0.27 0.00	31.40 0.25 0.00	31.08 0.28 0.00	43.83 0.23 0.00	44.88 0.29 0.00	51.06 0.41 0.00	42.45 0.50 0.00	40.21 0.24 0.00	43.16 0.04 0.18	46.95 0.03 1.19	51.16 -0.14 1.60	55.43 -0.27 1.85	55.76 -0.29 0.21	63.97 -0.28 0.00	68.89 -0.21 0.00	79.03 -0.12 0.00	93.50 0.59 0.00	81.69 0.10 0.00	88.73 -0.27 0.00	74.49 -0.31 0.00	58.16 -0.38 0.00	45.51 -0.19 0.00
STATE_ST_34_KV_LOAD 55959	37.77 0.48 0.00	35.39 0.30 0.00	33.01 0.08 0.00	31.23 0.07 0.00	30.95 0.15 0.00	43.94 0.34 0.00	44.74 0.15 0.00	50.68 0.02 0.00	41.85 -0.10 0.00	39.89 -0.06 0.00	43.29 -0.01 0.00	48.19 0.09 0.00	53.11 0.21 0.00	57.98 0.43 0.00	56.85 0.59 0.00	65.04 0.79 0.00	70.61 1.09 -0.42	85.68 1.71 -4.82	101.34 2.75 -5.68	83.89 2.29 0.00	91.32 2.18 -0.15	77.16 1.46 -0.90	59.58 1.03 0.00	46.35 0.65 0.00
STATION_5_MISC_HYD 23604	38.12 0.84 0.00	35.55 0.46 0.00	33.18 0.26 0.00	31.44 0.28 0.00	30.99 0.19 0.00	44.14 0.54 0.00	44.77 0.18 0.00	50.76 0.10 0.00	41.91 -0.04 0.00	40.40 0.44 0.00	44.28 0.99 0.00	49.54 1.44 0.00	55.07 2.16 0.00	60.18 2.63 0.00	59.15 2.89 0.00	67.43 3.18 0.00	72.68 3.57 0.00	83.27 4.12 0.00	97.99 5.08 0.00	85.37 3.78 0.00	92.50 3.51 0.00	77.26 2.47 0.00	60.28 1.73 0.00	46.82 1.12 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	37.88 0.59 0.00	35.35 0.26 0.00	33.03 0.10 0.00	31.27 0.11 0.00	30.85 0.05 0.00	43.92 0.33 0.00	44.69 0.10 0.00	50.67 0.02 0.00	41.85 -0.10 0.00	40.19 0.23 0.00	43.88 0.58 0.00	48.96 0.86 0.00	54.27 1.37 0.00	59.32 1.77 0.00	58.19 1.93 0.00	66.48 2.23 0.00	71.89 2.69 -0.10	83.65 3.37 -1.12	98.54 4.31 -1.33	84.93 3.34 0.00	92.12 3.09 -0.04	77.12 2.11 -0.21	59.92 1.37 0.00	46.55 0.85 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	37.86 0.57 0.00	35.30 0.21 0.00	32.96 0.04 0.00	31.22 0.06 0.00	30.78 -0.02 0.00	43.83 0.23 0.00	44.48 -0.12 0.00	50.45 -0.21 0.00	41.65 -0.30 0.00	40.13 0.17 0.00	43.97 0.68 0.00	49.17 1.07 0.00	54.64 1.74 0.00	59.73 2.18 0.00	58.60 2.34 0.00	66.84 2.59 0.00	72.12 3.02 0.00	82.75 3.60 0.00	97.37 4.46 0.00	84.84 3.25 0.00	91.91 2.92 0.00	76.77 1.97 0.00	59.88 1.34 0.00	46.51 0.81 0.00
STA_56___34_KV_BUS2 355983	37.86 0.57 0.00	35.30 0.21 0.00	32.96 0.04 0.00	31.22 0.06 0.00	30.78 -0.02 0.00	43.83 0.23 0.00	44.48 -0.12 0.00	50.45 -0.21 0.00	41.65 -0.30 0.00	40.13 0.17 0.00	43.97 0.68 0.00	49.17 1.07 0.00	54.64 1.74 0.00	59.73 2.18 0.00	58.60 2.34 0.00	66.84 2.59 0.00	72.12 3.02 0.00	82.75 3.60 0.00	97.37 4.46 0.00	84.84 3.25 0.00	91.91 2.92 0.00	76.77 1.97 0.00	59.88 1.34 0.00	46.51 0.81 0.00
STA_67___115KV_BK2 355882	38.02 0.73 0.00	35.45 0.36 0.00	33.11 0.18 0.00	31.37 0.21 0.00	30.91 0.11 0.00	44.03 0.43 0.00	44.64 0.05 0.00	50.62 -0.03 0.00	41.77 -0.18 0.00	40.29 0.32 0.00	44.15 0.86 0.00	49.37 1.27 0.00	54.86 1.95 0.00	59.95 2.40 0.00	58.82 2.56 0.00	67.05 2.80 0.00	72.31 3.21 0.00	82.95 3.79 0.00	97.61 4.70 0.00	85.05 3.46 0.00	92.18 3.19 0.00	77.00 2.20 0.00	60.10 1.56 0.00	46.70 1.00 0.00
STA_7___115KV_9TRANS 80674	38.36 1.06 0.00	35.75 0.66 0.00	33.37 0.44 0.00	31.60 0.44 0.00	31.15 0.34 0.00	44.38 0.78 0.00	45.01 0.41 0.00	51.03 0.38 0.00	42.15 0.20 0.00	40.65 0.69 0.00	44.57 1.28 0.00	49.88 1.78 0.00	55.48 2.58 0.00	60.67 3.12 0.00	59.56 3.30 0.00	67.94 3.69 0.00	73.31 4.21 0.00	84.08 4.93 0.00	98.86 5.95 0.00	86.11 4.51 0.00	93.21 4.22 0.00	77.85 3.05 0.00	60.69 2.15 0.00	47.13 1.43 0.00
STA_82___115KV_TB1 80780	38.04 0.75 0.00	35.47 0.38 0.00	33.11 0.18 0.00	31.37 0.21 0.00	30.92 0.12 0.00	44.04 0.44 0.00	44.66 0.07 0.00	50.63 -0.03 0.00	41.78 -0.17 0.00	40.29 0.33 0.00	44.15 0.86 0.00	49.37 1.27 0.00	54.86 1.95 0.00	59.95 2.40 0.00	58.82 2.56 0.00	67.05 2.80 0.00	72.32 3.22 0.00	82.97 3.82 0.00	97.65 4.74 0.00	85.09 3.50 0.00	92.20 3.21 0.00	77.05 2.25 0.00	60.13 1.59 0.00	46.72 1.02 0.00
STEEL___WIND 323596	38.69 1.40 0.00	35.83 0.74 0.00	33.39 0.46 0.00	31.72 0.57 0.00	31.13 0.32 0.00	44.62 1.02 0.00	44.71 0.12 0.00	50.52 -0.13 0.00	41.72 -0.23 0.00	40.81 0.85 0.00	45.27 1.98 0.00	50.79 2.69 0.00	56.80 3.90 0.00	62.11 4.55 0.00	61.16 4.90 0.00	69.38 5.13 0.00	74.65 5.54 0.00	85.24 6.08 0.00	100.07 7.16 0.00	86.79 5.19 0.00	93.88 4.89 0.00	78.37 3.57 0.00	61.25 2.70 0.00	47.58 1.87 0.00
STEPHTWN_115KV_BK_2 55603	37.32 0.03 0.00	35.32 0.23 0.00	33.26 0.34 0.00	31.47 0.31 0.00	31.16 0.36 0.00	44.03 0.43 0.00	44.99 0.40 0.00	51.25 0.60 0.00	42.66 0.71 0.00	40.36 0.40 0.00	43.36 0.24 0.17	47.14 0.19 1.15	51.26 -0.10 1.55	55.51 -0.24 1.80	55.76 -0.30 0.20	64.02 -0.24 0.00	68.98 -0.12 0.00	79.15 0.00 0.00	93.81 0.91 0.00	81.90 0.31 0.00	88.87 -0.12 0.00	74.47 -0.32 0.00	58.21 -0.34 0.00	45.56 -0.14 0.00
STEUBEN_REC_LFGE 323667	37.75 0.46 0.00	35.23 0.14 0.00	33.11 0.18 0.00	31.33 0.17 0.00	30.85 0.05 0.00	44.29 0.69 0.00	44.95 0.36 0.00	50.74 0.09 0.00	41.87 -0.08 0.00	40.34 0.37 0.00	44.12 0.82 0.00	49.14 1.04 0.00	54.33 1.43 0.00	59.40 1.85 0.00	58.21 1.95 0.00	66.33 2.08 0.00	72.19 2.94 -0.15	84.94 4.04 -1.74	100.33 5.37 -2.05	85.98 4.39 0.00	93.40 4.35 -0.05	77.95 2.83 -0.32	60.35 1.81 0.00	46.75 1.04 0.00
STILLWATER___SOLAR 323814	38.68 1.39 0.00	36.43 1.34 0.00	34.30 1.37 0.00	32.41 1.25 0.00	32.06 1.27 0.00	45.32 1.73 0.00	46.30 1.71 0.00	52.61 1.95 0.00	43.57 1.62 0.00	41.22 1.26 0.00	44.04 0.95 0.21	47.68 0.99 1.41	51.94 0.93 1.90	56.31 0.96 2.20	57.04 1.03 0.25	65.62 1.38 0.00	70.80 1.70 0.00	81.64 2.49 0.00	97.19 4.28 0.00	84.98 3.38 0.00	92.29 3.30 0.00	77.43 2.63 0.00	60.34 1.80 0.00	47.12 1.42 0.00
STONY___BROOK 24151	31.26 0.47 6.50	35.74 0.65 0.00	33.61 0.69 0.00	31.86 0.70 0.00	31.42 0.62 0.00	44.08 0.48 0.00	42.25 0.63 2.98	14.18 0.46 36.92	11.08 0.44 31.31	14.01 0.42 26.37	44.49 0.98 -0.22	44.86 0.93 4.17	44.76 0.89 9.03	45.09 0.83 13.30	35.68 0.69 21.26	52.29 1.14 13.10	54.98 1.07 15.19	80.91 1.76 0.00	86.92 1.92 7.92	70.50 0.98 12.08	72.17 0.42 17.24	46.47 -0.18 28.15	45.17 -0.45 12.92	43.23 -0.01 2.46
STURGEON_POOL_HYD 23609	38.01 0.72 0.00	35.72 0.63 0.00	33.49 0.56 0.00	31.65 0.49 0.00	31.25 0.45 0.00	44.08 0.48 0.00	45.35 0.76 0.00	51.71 1.06 0.00	43.03 1.08 0.00	40.94 0.98 0.00	44.46 1.06 -0.11	50.24 1.42 -0.72	55.32 1.45 -0.97	60.11 1.42 -1.15	57.64 1.25 -0.13	65.59 1.34 0.00	70.61 1.51 0.00	81.00 1.85 0.00	95.68 2.78 0.00	83.18 1.59 0.00	90.23 1.24 0.00	75.63 0.83 0.00	59.14 0.60 0.00	46.35 0.65 0.00

ST_LAW_115_BK7_LBMP 345037	37.52 0.23 0.00	35.40 0.31 0.00	33.16 0.23 0.00	31.40 0.24 0.00	31.05 0.25 0.00	44.04 0.45 0.00	45.00 0.41 0.00	51.09 0.44 0.00	42.25 0.29 0.00	40.36 0.40 0.00	43.83 0.53 0.00	48.48 0.38 0.00	53.37 0.47 0.00	58.04 0.49 0.00	56.71 0.45 0.00	64.69 0.44 0.00	69.34 0.24 0.00	79.04 -0.11 0.00	91.97 -0.93 0.00	81.18 -0.41 0.00	89.10 0.11 0.00	28.73 0.64 46.71	45.13 0.75 14.16	37.49 0.50 8.72
ST_LAW_115_BK8_LBMP 345038	37.52 0.23 0.00	35.40 0.31 0.00	33.16 0.23 0.00	31.40 0.24 0.00	31.05 0.25 0.00	44.04 0.45 0.00	45.00 0.41 0.00	51.09 0.44 0.00	42.25 0.29 0.00	40.36 0.40 0.00	43.83 0.53 0.00	48.48 0.38 0.00	53.37 0.47 0.00	58.04 0.49 0.00	56.71 0.45 0.00	64.69 0.44 0.00	69.34 0.24 0.00	79.04 -0.11 0.00	91.97 -0.93 0.00	81.18 -0.41 0.00	89.10 0.11 0.00	28.73 0.64 46.71	45.13 0.75 14.16	37.49 0.50 8.72
ST_LAW_230_BK5_LBMP 345035	37.47 0.18 0.00	35.35 0.26 0.00	33.12 0.19 0.00	31.35 0.19 0.00	31.00 0.20 0.00	43.98 0.38 0.00	44.94 0.34 0.00	51.02 0.37 0.00	42.21 0.26 0.00	40.32 0.35 0.00	43.77 0.48 0.00	48.45 0.35 0.00	53.33 0.43 0.00	57.99 0.44 0.00	56.65 0.39 0.00	64.64 0.39 0.00	69.34 0.24 0.00	79.07 -0.08 0.00	92.05 -0.86 0.00	81.21 -0.39 0.00	89.09 0.10 0.00	43.30 0.54 32.04	48.72 0.65 10.48	40.87 0.43 5.27
ST_LAW_230_BK6_LBMP 345036	37.47 0.18 0.00	35.35 0.26 0.00	33.12 0.19 0.00	31.35 0.19 0.00	31.00 0.20 0.00	43.98 0.38 0.00	44.94 0.34 0.00	51.02 0.37 0.00	42.21 0.26 0.00	40.32 0.35 0.00	43.77 0.48 0.00	48.45 0.35 0.00	53.33 0.43 0.00	57.99 0.44 0.00	56.65 0.39 0.00	64.64 0.39 0.00	69.34 0.24 0.00	79.07 -0.08 0.00	92.05 -0.86 0.00	81.21 -0.39 0.00	89.09 0.10 0.00	43.30 0.54 32.04	48.72 0.65 10.48	40.87 0.43 5.27
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	37.93 0.64 0.00	35.72 0.63 0.00	33.49 0.56 0.00	31.65 0.49 0.00	31.25 0.45 0.00	44.09 0.49 0.00	45.34 0.75 0.00	51.68 1.03 0.00	42.95 1.00 0.00	40.83 0.87 0.00	44.42 0.94 -0.19	50.66 1.30 -1.25	55.91 1.33 -1.68	60.94 1.40 -1.99	57.77 1.29 -0.22	65.56 1.31 0.00	70.53 1.42 0.00	81.04 1.88 0.00	95.69 2.78 0.00	83.12 1.53 0.00	90.13 1.14 0.00	75.57 0.77 0.00	59.10 0.56 0.00	46.36 0.66 0.00
SWANROAD_115KV_TB1 355699	37.69 0.40 0.00	34.95 -0.13 0.00	32.56 -0.36 0.00	30.94 -0.21 0.00	30.40 -0.40 0.00	43.54 -0.06 0.00	43.44 -1.15 0.00	49.08 -1.58 0.00	40.42 -1.54 0.00	39.58 -0.39 0.00	43.91 0.61 0.00	49.14 1.04 0.00	55.06 2.16 0.00	60.05 2.49 0.00	58.92 2.66 0.00	66.73 2.48 0.00	71.94 2.83 0.00	82.12 2.96 0.00	96.29 3.38 0.00	83.56 1.97 0.00	90.45 1.46 0.00	75.71 0.91 0.00	59.45 0.90 0.00	46.30 0.59 0.00
SYNERGY___BIOGAS 323694	39.41 2.12 0.00	36.58 1.49 0.00	34.08 1.15 0.00	32.32 1.16 0.00	31.79 0.99 0.00	45.48 1.89 0.00	45.84 1.25 0.00	51.93 1.28 0.00	42.61 0.66 0.00	41.08 1.12 0.00	44.66 1.36 0.00	49.88 1.77 0.00	55.63 2.73 0.00	60.87 3.32 0.00	59.79 3.54 0.00	68.16 3.91 0.00	73.62 4.52 0.00	84.49 5.34 0.00	99.40 6.49 0.00	86.63 5.03 0.00	93.85 4.86 0.00	78.54 3.75 0.00	62.25 3.70 0.00	48.32 2.61 0.00
SYRACUSE___ENERGY_ST1 323597	37.21 -0.08 0.00	34.89 -0.20 0.00	32.66 -0.27 0.00	30.91 -0.25 0.00	30.55 -0.25 0.00	43.34 -0.26 0.00	44.25 -0.34 0.00	50.17 -0.49 0.00	41.51 -0.44 0.00	39.60 -0.37 0.00	42.99 -0.31 0.00	47.86 -0.24 0.00	52.72 -0.18 0.00	57.51 -0.04 0.00	56.35 0.09 0.00	64.48 0.22 0.00	70.01 0.41 -0.50	85.67 0.79 -5.73	101.02 1.35 -6.76	82.58 0.98 0.00	89.95 0.78 -0.18	79.65 0.39 -4.47	60.29 0.12 -1.62	45.85 -0.02 -0.17
SYRACUSE___ENERGY_ST2 323598	37.21 -0.08 0.00	34.89 -0.20 0.00	32.66 -0.27 0.00	30.91 -0.25 0.00	30.55 -0.25 0.00	43.34 -0.26 0.00	44.25 -0.34 0.00	50.17 -0.49 0.00	41.51 -0.44 0.00	39.60 -0.37 0.00	42.99 -0.31 0.00	47.86 -0.24 0.00	52.72 -0.18 0.00	57.51 -0.04 0.00	56.35 0.09 0.00	64.48 0.22 0.00	70.01 0.41 -0.50	85.67 0.79 -5.73	101.02 1.35 -6.76	82.58 0.98 0.00	89.95 0.78 -0.18	79.65 0.39 -4.47	60.29 0.12 -1.62	45.85 -0.02 -0.17
SYRACUSE___POWER 24017	37.18 -0.11 0.00	34.84 -0.25 0.00	32.65 -0.27 0.00	30.89 -0.27 0.00	30.52 -0.28 0.00	43.30 -0.30 0.00	44.24 -0.35 0.00	50.19 -0.46 0.00	41.52 -0.43 0.00	39.61 -0.35 0.00	43.00 -0.30 0.00	47.89 -0.21 0.00	52.79 -0.12 0.00	57.57 0.02 0.00	56.37 0.11 0.00	64.51 0.26 0.00	69.88 0.45 -0.33	83.78 0.82 -3.81	98.79 1.39 -4.49	82.61 1.02 0.00	89.95 0.84 -0.12	79.48 0.38 -4.30	60.34 0.08 -1.72	45.84 -0.04 -0.18
TALLMAN__138KV_BK151 55660	38.03 0.74 0.00	35.82 0.72 0.00	33.56 0.63 0.00	31.71 0.55 0.00	31.30 0.50 0.00	44.17 0.57 0.00	45.49 0.90 0.00	51.89 1.23 0.00	43.11 1.16 0.00	41.00 1.04 0.00	44.65 1.16 -0.20	51.04 1.61 -1.33	56.37 1.67 -1.79	61.43 1.76 -2.12	58.08 1.59 -0.24	65.89 1.64 0.00	70.87 1.77 0.00	81.38 2.23 0.00	96.13 3.22 0.00	83.32 1.72 0.00	90.28 1.29 0.00	75.69 0.89 0.00	59.22 0.67 0.00	46.52 0.81 0.00
TEALLAVE_115KV_TB7 355573	36.96 -0.33 0.00	34.65 -0.45 0.00	32.47 -0.46 0.00	30.72 -0.44 0.00	30.34 -0.45 0.00	43.04 -0.56 0.00	43.99 -0.61 0.00	49.91 -0.75 0.00	41.29 -0.66 0.00	39.41 -0.55 0.00	42.80 -0.49 0.00	47.68 -0.43 0.00	52.56 -0.34 0.00	57.32 -0.23 0.00	56.13 -0.13 0.00	64.20 -0.06 0.00	69.45 0.07 -0.28	82.67 0.36 -3.16	97.43 0.79 -3.73	82.08 0.48 0.00	89.31 0.21 -0.10	79.37 -0.12 -4.69	60.21 -0.29 -1.97	45.57 -0.33 -0.20
TELGRAPH_34_KV_EAST 80808	38.47 1.18 0.00	35.73 0.64 0.00	33.30 0.37 0.00	31.60 0.44 0.00	31.07 0.27 0.00	44.46 0.86 0.00	44.61 0.02 0.00	50.50 -0.15 0.00	41.61 -0.35 0.00	40.55 0.59 0.00	44.73 1.44 0.00	50.07 1.96 0.00	55.96 3.05 0.00	61.13 3.58 0.00	59.99 3.74 0.00	68.19 3.94 0.00	73.49 4.39 0.00	83.84 4.69 0.00	98.45 5.54 0.00	85.58 3.99 0.00	92.67 3.68 0.00	77.47 2.67 0.00	60.81 2.27 0.00	47.28 1.57 0.00
TEMPLE___115KV_TB 2 55572	36.97 -0.32 0.00	34.66 -0.43 0.00	32.48 -0.44 0.00	30.73 -0.43 0.00	30.35 -0.44 0.00	43.07 -0.53 0.00	44.00 -0.59 0.00	49.93 -0.72 0.00	41.31 -0.64 0.00	39.43 -0.53 0.00	42.83 -0.47 0.00	47.71 -0.39 0.00	52.60 -0.30 0.00	57.36 -0.19 0.00	56.15 -0.11 0.00	64.24 -0.01 0.00	69.50 0.12 -0.28	82.72 0.42 -3.16	97.48 0.84 -3.72	82.11 0.52 0.00	89.38 0.28 -0.10	79.29 -0.10 -4.59	60.19 -0.27 -1.92	45.59 -0.30 -0.20
TIANA____69_KV_BK 1 55817	31.42 0.66 6.53	35.82 0.73 0.00	33.70 0.77 0.00	31.94 0.78 0.00	31.49 0.69 0.00	44.16 0.56 0.00	42.34 0.74 2.99	14.25 0.70 37.10	11.23 0.74 31.46	14.25 0.79 26.50	44.76 1.25 -0.22	45.15 1.24 4.20	45.07 1.25 9.08	45.53 1.35 13.37	36.20 1.33 21.39	53.23 2.16 13.17	55.78 1.95 15.27	81.96 2.81 0.00	88.46 3.50 7.95	71.44 1.98 12.13	73.06 1.38 17.32	47.07 0.55 28.28	45.60 0.04 12.98	43.53 0.30 2.47

TILDEN___115KV_TB1 80814	37.18 -0.11 0.00	34.84 -0.25 0.00	32.65 -0.27 0.00	30.89 -0.27 0.00	30.52 -0.28 0.00	43.30 -0.30 0.00	44.24 -0.35 0.00	50.19 -0.46 0.00	41.52 -0.43 0.00	39.61 -0.35 0.00	43.00 -0.30 0.00	47.89 -0.21 0.00	52.79 -0.12 0.00	57.57 0.02 0.00	56.37 0.11 0.00	64.51 0.26 0.00	69.88 0.45 -0.33	83.78 0.82 -3.81	98.79 1.39 -4.49	82.61 1.02 0.00	89.95 0.84 -0.12	79.48 0.38 -4.30	60.34 0.08 -1.72	45.84 -0.04 -0.18
TRIGEN___CC 323695	37.04 0.78 1.03	35.96 0.87 0.00	33.74 0.81 0.00	31.91 0.75 0.00	31.50 0.70 0.00	44.32 0.72 0.00	45.08 0.96 0.47	45.70 0.88 5.83	38.00 0.85 4.80	36.91 0.81 3.86	44.73 1.22 -0.22	49.83 1.27 -0.45	54.03 1.23 0.10	57.95 1.20 0.80	57.49 1.17 -0.06	65.33 1.40 0.32	68.69 1.17 1.59	80.73 1.58 0.00	93.40 2.26 1.76	79.67 0.86 2.79	85.29 0.34 4.05	69.61 0.06 5.24	56.39 -0.03 2.12	45.66 0.35 0.39
TRINITY__115KV__4 BK 55933	37.13 -0.16 0.00	35.07 -0.02 0.00	33.06 0.13 0.00	31.27 0.12 0.00	30.96 0.16 0.00	43.65 0.05 0.00	44.67 0.08 0.00	50.82 0.17 0.00	42.24 0.29 0.00	40.00 0.04 0.00	42.90 -0.22 0.17	46.67 -0.28 1.16	50.84 -0.51 1.56	55.07 -0.67 1.81	55.34 -0.71 0.20	63.45 -0.80 0.00	68.31 -0.79 0.00	78.43 -0.72 0.00	92.83 -0.08 0.00	81.12 -0.48 0.00	88.13 -0.86 0.00	74.01 -0.79 0.00	57.80 -0.74 0.00	45.26 -0.44 0.00
UNION___PROCESSING_DRP 323587	38.05 0.76 0.00	35.47 0.39 0.00	33.13 0.20 0.00	31.38 0.22 0.00	30.93 0.13 0.00	44.05 0.45 0.00	44.68 0.08 0.00	50.65 -0.01 0.00	41.79 -0.15 0.00	40.30 0.33 0.00	44.16 0.87 0.00	49.38 1.27 0.00	54.88 1.97 0.00	59.97 2.41 0.00	58.83 2.57 0.00	67.09 2.84 0.00	72.36 3.26 0.00	83.01 3.86 0.00	97.69 4.78 0.00	85.14 3.54 0.00	92.26 3.27 0.00	77.07 2.27 0.00	60.16 1.62 0.00	46.74 1.03 0.00
UPPER HUDSON___HYD 24058	38.92 1.63 0.00	36.54 1.45 0.00	34.44 1.51 0.00	32.54 1.38 0.00	32.21 1.41 0.00	45.51 1.91 0.00	46.43 1.84 0.00	52.77 2.12 0.00	43.70 1.75 0.00	41.26 1.30 0.00	43.87 0.76 0.19	47.72 0.89 1.28	52.03 0.84 1.72	56.40 0.83 1.99	57.02 0.98 0.22	65.63 1.38 0.00	70.92 1.82 0.00	81.95 2.80 0.00	98.31 5.40 0.00	85.88 4.29 0.00	93.22 4.22 0.00	78.12 3.32 0.00	60.78 2.24 0.00	47.40 1.69 0.00
UPPER RAQUET___HYD 24056	38.53 1.24 0.00	36.43 1.34 0.00	34.11 1.19 0.00	32.28 1.13 0.00	31.93 1.13 0.00	45.37 1.77 0.00	46.35 1.75 0.00	52.52 1.87 0.00	43.28 1.33 0.00	41.27 1.31 0.00	44.86 1.56 0.00	49.53 1.43 0.00	54.51 1.60 0.00	59.38 1.83 0.00	58.00 1.74 0.00	66.12 1.87 0.00	70.48 1.30 -0.08	81.11 1.08 -0.89	94.31 0.35 -1.05	82.81 1.21 0.00	91.21 2.19 -0.03	483.98 3.32 -405.86	194.20 3.03 -132.63	114.52 2.05 -66.77
VALLEY44_115KV_TB2 355964	37.66 0.36 0.00	34.95 -0.14 0.00	32.61 -0.32 0.00	30.98 -0.18 0.00	30.45 -0.35 0.00	43.63 0.03 0.00	44.08 -0.51 0.00	49.88 -0.77 0.00	41.05 -0.90 0.00	39.95 -0.01 0.00	44.11 0.82 0.00	49.81 1.70 0.00	55.25 2.34 0.00	60.68 3.12 0.00	59.32 3.06 0.00	67.01 2.76 0.00	71.59 2.49 0.00	80.94 1.79 0.00	95.13 2.22 0.00	83.68 2.09 0.00	90.59 1.60 0.00	75.56 0.76 0.00	59.61 1.07 0.00	46.34 0.63 0.00
VALLEY___115KV_TB 1-4 80826	37.93 0.64 0.00	35.69 0.60 0.00	33.59 0.66 0.00	31.76 0.60 0.00	31.41 0.61 0.00	44.42 0.82 0.00	45.48 0.89 0.00	51.55 0.89 0.00	42.53 0.58 0.00	40.05 0.09 0.00	42.99 -0.30 0.00	47.68 -0.42 0.00	52.45 -0.46 0.00	57.20 -0.36 0.00	56.07 -0.19 0.00	64.43 0.18 0.00	69.39 0.29 0.00	79.96 0.81 0.00	95.36 2.45 0.00	83.41 1.81 0.00	90.85 1.86 0.00	76.21 1.41 0.00	59.36 0.82 0.00	46.31 0.61 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	38.41 1.12 0.00	36.05 0.96 0.00	33.82 0.89 0.00	31.98 0.83 0.00	31.60 0.80 0.00	44.72 1.12 0.00	45.82 1.23 0.00	52.11 1.46 0.00	43.21 1.26 0.00	41.22 1.26 0.00	44.73 1.39 -0.04	50.08 1.70 -0.28	55.08 1.79 -0.38	59.75 2.08 -0.12	58.41 2.16 0.00	66.67 2.42 0.00	71.87 2.67 -0.10	83.51 3.22 -1.14	98.31 4.05 -1.35	84.78 3.19 0.00	92.20 3.17 -0.04	77.46 2.45 -0.21	60.37 1.83 0.00	47.14 1.43 0.00
VISCHER___FERRY HYD 24020	38.04 0.75 0.00	35.90 0.82 0.00	33.83 0.90 0.00	31.97 0.81 0.00	31.64 0.84 0.00	44.67 1.08 0.00	45.63 1.04 0.00	51.88 1.23 0.00	43.03 1.08 0.00	40.73 0.77 0.00	43.48 0.44 0.26	46.81 0.43 1.73	50.91 0.32 2.32	55.14 0.30 2.71	56.18 0.23 0.31	64.58 0.33 0.00	69.53 0.43 0.00	80.03 0.88 0.00	95.00 2.09 0.00	83.04 1.45 0.00	90.20 1.20 0.00	75.75 0.95 0.00	59.13 0.59 0.00	46.24 0.53 0.00
V_A_10_SYNC_DSASP 323832	37.84 0.55 0.00	35.19 0.09 0.00	32.81 -0.11 0.00	31.16 0.00 0.00	30.62 -0.17 0.00	43.75 0.15 0.00	43.94 -0.66 0.00	49.69 -0.97 0.00	40.92 -1.03 0.00	39.90 -0.06 0.00	44.14 0.84 0.00	49.46 1.36 0.00	55.20 2.29 0.00	60.20 2.65 0.00	58.99 2.73 0.00	66.88 2.63 0.00	71.96 2.86 0.00	82.29 3.14 0.00	96.71 3.80 0.00	83.95 2.36 0.00	90.97 1.98 0.00	76.06 1.26 0.00	59.62 1.08 0.00	46.43 0.73 0.00
V_CMM_10_SYNC_DSASP 323787	37.71 0.42 0.00	35.59 0.49 0.00	33.34 0.41 0.00	31.56 0.40 0.00	31.20 0.40 0.00	44.29 0.69 0.00	45.24 0.65 0.00	51.36 0.70 0.00	42.46 0.51 0.00	40.56 0.60 0.00	44.06 0.77 0.00	48.75 0.65 0.00	53.66 0.76 0.00	58.38 0.83 0.00	57.04 0.78 0.00	65.06 0.81 0.00	69.73 0.63 0.00	79.49 0.34 0.00	92.50 -0.41 0.00	81.38 -0.22 0.00	89.54 0.55 0.00	28.96 0.88 46.71	45.21 0.82 14.16	37.71 0.72 8.72
V_CMP_10_SYNC_DSASP 323788	37.35 0.06 0.00	35.48 0.39 0.00	33.23 0.30 0.00	31.43 0.27 0.00	31.07 0.27 0.00	44.09 0.49 0.00	45.11 0.51 0.00	51.20 0.55 0.00	42.35 0.40 0.00	40.46 0.50 0.00	43.95 0.66 0.00	48.54 0.44 0.00	53.25 0.34 0.00	57.93 0.37 0.00	56.63 0.37 0.00	64.62 0.37 0.00	69.34 0.24 0.00	78.92 -0.23 0.00	91.98 -0.92 0.00	81.20 -0.40 0.00	88.90 -0.09 0.00	68.96 0.61 6.45	47.43 0.67 11.78	44.69 0.26 1.27
V_D_10_SYNC_DSASP 323841	38.04 0.75 0.00	35.96 0.87 0.00	33.68 0.76 0.00	31.88 0.72 0.00	31.54 0.73 0.00	44.77 1.17 0.00	45.73 1.13 0.00	51.87 1.22 0.00	42.86 0.91 0.00	40.93 0.97 0.00	44.48 1.18 0.00	49.19 1.09 0.00	54.15 1.25 0.00	58.93 1.38 0.00	57.56 1.31 0.00	65.64 1.39 0.00	70.19 1.09 0.00	79.89 0.74 0.00	92.99 0.08 0.00	82.21 0.61 0.00	90.19 1.20 0.00	449.82 1.95 -373.08	150.13 1.82 -89.77	134.39 1.26 -87.43
V_E_10_SYNC_DSASP 323830	39.85 2.56 0.00	37.24 2.16 0.00	34.87 1.95 0.00	33.03 1.87 0.00	32.68 1.88 0.00	46.53 2.94 0.00	47.79 3.20 0.00	54.20 3.54 0.00	44.69 2.74 0.00	42.47 2.51 0.00	46.10 2.80 0.00	51.35 3.24 0.00	56.57 3.67 0.00	61.63 4.08 0.00	60.37 4.11 0.00	69.28 5.03 0.00	75.12 5.81 -0.21	89.05 7.47 -2.43	105.60 9.83 -2.86	90.27 8.68 0.00	98.31 9.24 -0.08	82.16 6.91 -0.45	63.32 4.77 0.00	49.04 3.34 0.00



V_F_30_NSYNC___DSASP 323816	38.73 1.44 0.00	36.46 1.37 0.00	34.32 1.40 0.00	32.44 1.28 0.00	32.09 1.29 0.00	45.36 1.76 0.00	46.35 1.76 0.00	52.66 2.01 0.00	43.62 1.67 0.00	41.29 1.33 0.00	44.13 1.04 0.20	47.88 1.13 1.35	52.20 1.11 1.82	56.62 1.17 2.10	57.24 1.22 0.24	65.84 1.59 0.00	71.02 1.92 0.00	81.85 2.70 0.00	97.37 4.46 0.00	85.13 3.54 0.00	92.46 3.47 0.00	77.56 2.77 0.00	60.45 1.90 0.00	47.20 1.50 0.00
V_F_30_SYNC_DSASP 323786	37.32 0.03 0.00	35.24 0.14 0.00	33.19 0.27 0.00	31.40 0.24 0.00	31.08 0.28 0.00	43.82 0.23 0.00	44.87 0.28 0.00	51.05 0.40 0.00	42.44 0.49 0.00	40.21 0.24 0.00	43.15 0.03 0.18	46.95 0.03 1.19	51.16 -0.15 1.59	55.43 -0.27 1.85	55.75 -0.30 0.21	63.94 -0.31 0.00	68.85 -0.25 0.00	79.02 -0.13 0.00	93.49 0.58 0.00	81.69 0.10 0.00	88.73 -0.27 0.00	74.48 -0.32 0.00	58.15 -0.39 0.00	45.51 -0.19 0.00
V_XM_10_SYNC_DSASP 323789	37.35 0.06 0.00	35.48 0.39 0.00	33.23 0.30 0.00	31.43 0.27 0.00	31.07 0.27 0.00	44.09 0.49 0.00	45.11 0.51 0.00	51.20 0.55 0.00	42.35 0.40 0.00	40.46 0.50 0.00	43.95 0.66 0.00	48.54 0.44 0.00	53.25 0.34 0.00	57.93 0.37 0.00	56.63 0.37 0.00	64.62 0.37 0.00	69.34 0.24 0.00	78.92 -0.23 0.00	91.98 -0.92 0.00	81.20 -0.40 0.00	88.90 -0.09 0.00	68.96 0.61 6.45	47.43 0.67 11.78	44.69 0.26 1.27
W.BABYLN_69_KV_BK1 56697	32.56 0.99 5.71	36.18 1.09 0.00	33.99 1.07 0.00	32.18 1.03 0.00	31.76 0.96 0.00	44.62 1.02 0.00	43.21 1.24 2.62	19.38 1.17 32.45	15.52 1.04 27.47	17.80 0.92 23.08	44.92 1.40 -0.22	45.97 1.37 3.50	46.53 1.35 7.73	47.44 1.36 11.47	39.78 1.36 17.84	54.94 1.91 11.21	57.60 1.54 13.04	81.31 2.15 0.00	88.58 2.68 7.01	72.26 1.37 10.71	74.66 0.96 15.29	50.40 0.42 24.82	47.40 0.22 11.36	44.16 0.62 2.16
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	38.14 0.85 0.00	35.92 0.83 0.00	33.66 0.74 0.00	31.81 0.66 0.00	31.40 0.60 0.00	44.36 0.76 0.00	45.75 1.15 0.00	52.20 1.54 0.00	43.38 1.43 0.00	41.26 1.29 0.00	44.95 1.45 -0.20	51.39 1.93 -1.36	56.77 2.04 -1.83	61.87 2.16 -2.16	58.51 2.00 -0.24	66.35 2.10 0.00	71.40 2.29 0.00	82.00 2.85 0.00	96.82 3.91 0.00	83.95 2.36 0.00	90.92 1.93 0.00	76.18 1.39 0.00	59.57 1.03 0.00	46.77 1.07 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	38.23 0.94 0.00	35.99 0.90 0.00	33.72 0.79 0.00	31.87 0.71 0.00	31.47 0.67 0.00	44.34 0.74 0.00	45.70 1.11 0.00	52.16 1.51 0.00	43.46 1.51 0.00	41.38 1.42 0.00	45.12 1.60 -0.22	51.53 1.98 -1.45	56.82 1.97 -1.95	61.85 2.00 -2.30	58.38 1.86 -0.26	66.17 1.92 0.00	71.11 2.00 0.00	81.62 2.47 0.00	96.29 3.38 0.00	83.38 1.79 0.00	90.32 1.32 0.00	75.64 0.85 0.00	59.23 0.69 0.00	46.63 0.92 0.00
W50THST__13_KV_LOAD 356117	38.51 1.22 0.00	36.25 1.16 0.00	33.96 1.03 0.00	32.09 0.94 0.00	31.70 0.90 0.00	44.68 1.08 0.00	46.07 1.48 0.00	52.62 1.97 0.00	43.88 1.93 0.00	41.80 1.84 0.00	45.58 2.07 -0.22	52.06 2.51 -1.45	57.40 2.54 -1.95	62.44 2.58 -2.30	58.93 2.41 -0.26	66.79 2.54 0.00	71.73 2.63 0.00	82.33 3.18 0.00	97.00 4.09 0.00	83.91 2.32 0.00	90.83 1.84 0.00	76.03 1.23 0.00	59.52 0.98 0.00	46.88 1.18 0.00
WADING RIVER_IC_1 23522	30.77 0.02 6.54	35.29 0.20 0.00	33.20 0.28 0.00	31.47 0.31 0.00	31.05 0.25 0.00	43.50 -0.10 0.00	41.65 0.05 2.99	13.38 -0.16 37.12	10.46 -0.01 31.48	13.42 -0.03 26.51	43.94 0.42 -0.22	44.18 0.28 4.20	43.99 0.17 9.09	44.25 0.08 13.37	34.78 -0.08 21.40	51.40 0.34 13.18	54.08 0.26 15.28	80.16 1.01 0.00	86.33 1.38 7.96	69.69 0.24 12.14	71.25 -0.41 17.33	45.57 -0.94 28.30	44.46 -1.10 12.99	42.74 -0.49 2.48
WADING RIVER_IC_2 23547	30.77 0.02 6.54	35.29 0.20 0.00	33.20 0.28 0.00	31.47 0.31 0.00	31.05 0.25 0.00	43.50 -0.10 0.00	41.65 0.05 2.99	13.38 -0.16 37.12	10.46 -0.01 31.48	13.42 -0.03 26.51	43.94 0.42 -0.22	44.18 0.28 4.20	43.99 0.17 9.09	44.25 0.08 13.37	34.78 -0.08 21.40	51.40 0.34 13.18	54.08 0.26 15.28	80.16 1.01 0.00	86.33 1.38 7.96	69.69 0.24 12.14	71.25 -0.41 17.33	45.57 -0.94 28.30	44.46 -1.10 12.99	42.74 -0.49 2.48
WADING RIVER_IC_3 23601	30.77 0.02 6.54	35.29 0.20 0.00	33.20 0.28 0.00	31.47 0.31 0.00	31.05 0.25 0.00	43.50 -0.10 0.00	41.65 0.05 2.99	13.38 -0.16 37.12	10.46 -0.01 31.48	13.42 -0.03 26.51	43.94 0.42 -0.22	44.18 0.28 4.20	43.99 0.17 9.09	44.25 0.08 13.37	34.78 -0.08 21.40	51.40 0.34 13.18	54.08 0.26 15.28	80.16 1.01 0.00	86.33 1.38 7.96	69.69 0.24 12.14	71.25 -0.41 17.33	45.57 -0.94 28.30	44.46 -1.10 12.99	42.74 -0.49 2.48
WALDENNY_12_KV_BK2 80841	38.73 1.44 0.00	35.86 0.77 0.00	33.41 0.49 0.00	31.75 0.59 0.00	31.16 0.36 0.00	44.66 1.06 0.00	44.73 0.14 0.00	50.56 -0.09 0.00	41.75 -0.20 0.00	40.89 0.93 0.00	45.37 2.07 0.00	50.91 2.81 0.00	56.98 4.07 0.00	62.28 4.72 0.00	61.13 4.87 0.00	69.36 5.11 0.00	74.73 5.63 0.00	85.45 6.30 0.00	100.25 7.34 0.00	86.94 5.35 0.00	94.05 5.06 0.00	78.49 3.69 0.00	61.38 2.84 0.00	47.65 1.95 0.00
WALDEN__HYDRO 24148	38.13 0.84 0.00	35.89 0.79 0.00	33.64 0.71 0.00	31.79 0.64 0.00	31.39 0.59 0.00	44.29 0.69 0.00	45.56 0.97 0.00	51.94 1.29 0.00	43.18 1.23 0.00	41.04 1.08 0.00	44.63 1.16 -0.17	50.76 1.51 -1.15	55.99 1.54 -1.54	60.99 1.62 -1.82	57.97 1.51 -0.20	65.93 1.68 0.00	70.95 1.85 0.00	81.52 2.37 0.00	96.33 3.42 0.00	83.69 2.10 0.00	90.75 1.76 0.00	76.05 1.25 0.00	59.44 0.89 0.00	46.60 0.90 0.00
WARRENSBURG____ 23737	38.92 1.63 0.00	36.54 1.45 0.00	34.44 1.51 0.00	32.54 1.38 0.00	32.21 1.41 0.00	45.51 1.91 0.00	46.43 1.84 0.00	52.77 2.12 0.00	43.70 1.75 0.00	41.26 1.30 0.00	43.87 0.76 0.19	47.72 0.89 1.28	52.03 0.85 1.72	56.40 0.83 1.99	57.03 0.99 0.22	65.63 1.38 0.00	70.94 1.84 0.00	81.95 2.80 0.00	98.32 5.41 0.00	85.89 4.29 0.00	93.21 4.22 0.00	78.13 3.33 0.00	60.78 2.23 0.00	47.40 1.69 0.00
WATERSIDE____6 8 9 23538	38.26 0.97 0.00	35.97 0.87 0.00	33.74 0.81 0.00	31.89 0.74 0.00	31.49 0.69 0.00	44.27 0.67 0.00	45.71 1.12 0.00	52.16 1.51 0.00	43.54 1.59 0.00	41.44 1.48 0.00	45.15 1.64 -0.22	51.61 2.06 -1.45	56.82 1.96 -1.95	61.79 1.93 -2.30	58.36 1.84 -0.26	66.18 1.93 0.00	71.06 1.95 0.00	81.58 2.43 0.00	96.15 3.24 0.00	83.20 1.61 0.00	90.17 1.18 0.00	75.52 0.73 0.00	59.22 0.68 0.00	46.75 1.05 0.00
WATKINRD_115KV_LN8_ILLION 55919	37.67 0.38 0.00	35.45 0.36 0.00	33.33 0.40 0.00	31.53 0.37 0.00	31.18 0.38 0.00	44.10 0.50 0.00	45.15 0.56 0.00	51.19 0.54 0.00	42.29 0.34 0.00	39.95 -0.01 0.00	42.99 -0.31 0.00	47.72 -0.39 0.00	52.46 -0.45 0.00	57.17 -0.38 0.00	55.98 -0.28 0.00	64.22 -0.03 0.00	69.16 0.06 0.00	79.59 0.44 0.00	94.50 1.60 0.00	82.78 1.18 0.00	90.16 1.16 0.00	75.63 0.84 0.00	58.98 0.44 0.00	46.02 0.32 0.00

WDELAWARE___HYD 323627	37.59 0.31 0.00	35.33 0.24 0.00	33.10 0.17 0.00	31.26 0.10 0.00	30.87 0.07 0.00	43.56 -0.04 0.00	44.81 0.22 0.00	51.08 0.43 0.00	42.45 0.49 0.00	40.35 0.39 0.00	43.82 0.39 -0.14	49.61 0.59 -0.91	54.75 0.62 -1.23	59.57 0.57 -1.45	55.51 -0.91 -0.16	63.19 -1.06 0.00	68.23 -0.87 0.00	78.41 -0.74 0.00	92.76 -0.15 0.00	81.01 -0.59 0.00	90.06 1.06 0.00	75.41 0.61 0.00	58.86 0.32 0.00	46.03 0.32 0.00
WEST BABYLON___IC 23714	32.56 0.99 5.71	36.18 1.09 0.00	33.99 1.07 0.00	32.18 1.03 0.00	31.76 0.96 0.00	44.62 1.02 0.00	43.21 1.24 2.62	19.38 1.17 32.45	15.52 1.04 27.47	17.80 0.92 23.08	44.92 1.40 -0.22	45.97 1.37 3.50	46.53 1.35 7.73	47.44 1.36 11.47	39.78 1.36 17.84	54.94 1.91 11.21	57.60 1.54 13.04	81.31 2.15 0.00	88.58 2.68 7.01	72.26 1.37 10.71	74.66 0.96 15.29	50.40 0.42 24.82	47.40 0.22 11.36	44.16 0.62 2.16
WEST CANADA___HYD 24049	37.29 0.00 0.00	35.08 -0.01 0.00	32.93 0.00 0.00	31.16 0.00 0.00	30.81 0.01 0.00	43.60 0.00 0.00	44.60 0.01 0.00	50.67 0.02 0.00	41.99 0.04 0.00	39.93 -0.03 0.00	43.21 -0.08 0.00	48.03 -0.08 0.00	52.80 -0.11 0.00	57.44 -0.11 0.00	56.15 -0.11 0.00	64.15 -0.10 0.00	69.05 -0.05 0.00	79.17 0.02 0.00	93.25 0.34 0.00	81.76 0.16 0.00	89.06 0.06 0.00	74.77 -0.03 0.00	58.48 -0.06 0.00	45.64 -0.06 0.00
WESTERN_NY_WIND 24143	39.39 2.10 0.00	36.55 1.46 0.00	34.05 1.12 0.00	32.30 1.15 0.00	31.76 0.96 0.00	45.47 1.87 0.00	45.79 1.20 0.00	51.89 1.23 0.00	42.59 0.63 0.00	41.09 1.13 0.00	44.72 1.43 0.00	49.94 1.84 0.00	55.71 2.81 0.00	60.97 3.41 0.00	59.88 3.62 0.00	68.27 4.02 0.00	73.70 4.60 0.00	84.57 5.42 0.00	99.45 6.54 0.00	86.68 5.08 0.00	93.93 4.94 0.00	78.59 3.79 0.00	62.19 3.64 0.00	48.26 2.56 0.00
WESTOVER___LESR 323668	37.46 0.17 0.00	35.06 -0.03 0.00	32.87 -0.06 0.00	31.13 -0.02 0.00	30.73 -0.07 0.00	43.73 0.13 0.00	44.64 0.05 0.00	50.56 -0.10 0.00	41.84 -0.11 0.00	39.99 0.03 0.00	43.47 0.18 0.00	48.51 0.41 0.00	53.38 0.47 0.00	58.30 0.75 0.00	57.03 0.77 0.00	65.17 0.92 0.00	70.36 1.05 -0.21	83.02 1.52 -2.35	97.89 2.21 -2.77	83.16 1.57 0.00	90.51 1.44 -0.07	76.09 0.85 -0.44	59.05 0.51 0.00	46.03 0.33 0.00
WETHRSFD_WT_PWR 323626	37.81 0.52 0.00	35.03 -0.06 0.00	32.75 -0.17 0.00	31.11 -0.05 0.00	30.57 -0.23 0.00	43.84 0.25 0.00	44.19 -0.40 0.00	49.86 -0.80 0.00	41.08 -0.87 0.00	39.88 -0.08 0.00	43.96 0.66 0.00	49.20 1.09 0.00	54.77 1.86 0.00	59.75 2.20 0.00	58.71 2.45 0.00	66.77 2.53 0.00	72.14 3.04 0.00	82.85 3.70 0.00	97.57 4.66 0.00	84.99 3.40 0.00	92.22 3.23 0.00	76.84 2.05 0.00	59.92 1.38 0.00	46.54 0.84 0.00
WHAVSTOR_138KV_BK127 55557	37.96 0.67 0.00	35.75 0.66 0.00	33.51 0.59 0.00	31.68 0.52 0.00	31.27 0.47 0.00	44.12 0.52 0.00	45.45 0.85 0.00	51.83 1.17 0.00	43.07 1.12 0.00	40.96 1.00 0.00	44.60 1.10 -0.20	50.97 1.51 -1.36	56.27 1.54 -1.83	61.31 1.59 -2.17	57.94 1.44 -0.24	65.71 1.46 0.00	70.68 1.58 0.00	81.17 2.02 0.00	95.89 2.98 0.00	83.13 1.54 0.00	90.10 1.11 0.00	75.53 0.74 0.00	59.11 0.56 0.00	46.43 0.73 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	37.96 0.67 0.00	35.75 0.66 0.00	33.51 0.59 0.00	31.68 0.52 0.00	31.27 0.47 0.00	44.12 0.52 0.00	45.45 0.85 0.00	51.83 1.17 0.00	43.07 1.12 0.00	40.96 1.00 0.00	44.60 1.10 -0.20	50.97 1.51 -1.36	56.27 1.54 -1.83	61.31 1.59 -2.17	57.94 1.44 -0.24	65.71 1.46 0.00	70.68 1.58 0.00	81.17 2.02 0.00	95.89 2.98 0.00	83.13 1.54 0.00	90.10 1.11 0.00	75.53 0.74 0.00	59.11 0.56 0.00	46.43 0.73 0.00
WHITEHAL_115KV_TB1 80871	40.56 3.27 0.00	37.81 2.72 0.00	35.71 2.78 0.00	33.73 2.57 0.00	33.46 2.66 0.00	47.19 3.59 0.00	47.94 3.35 0.00	54.44 3.78 0.00	44.86 2.91 0.00	41.96 2.00 0.00	44.57 1.47 0.20	48.92 2.13 1.31	53.40 2.26 1.76	57.93 2.41 2.04	58.69 2.66 0.23	67.40 3.15 0.00	73.03 3.93 0.00	84.93 5.78 0.00	102.31 9.40 0.00	89.13 7.54 0.00	95.84 6.85 0.00	80.59 5.79 0.00	62.54 4.00 0.00	48.87 3.17 0.00
WHITEPLN_13_KV_LOAD 356215	38.49 1.20 0.00	36.22 1.13 0.00	33.94 1.02 0.00	32.08 0.92 0.00	31.68 0.88 0.00	44.69 1.09 0.00	46.03 1.44 0.00	52.55 1.89 0.00	43.75 1.80 0.00	41.63 1.67 0.00	45.38 1.86 -0.22	51.86 2.31 -1.44	57.25 2.40 -1.94	62.35 2.50 -2.30	58.88 2.36 -0.26	66.84 2.59 0.00	71.91 2.81 0.00	82.63 3.47 0.00	97.50 4.59 0.00	84.48 2.88 0.00	91.46 2.47 0.00	76.58 1.78 0.00	59.87 1.32 0.00	47.01 1.31 0.00
WM_FLOYD_69_KV_BK2 356380	31.20 0.43 6.52	35.63 0.54 0.00	33.53 0.60 0.00	31.78 0.62 0.00	31.35 0.55 0.00	43.93 0.33 0.00	42.14 0.54 2.99	14.06 0.43 37.03	11.00 0.45 31.40	13.95 0.44 26.44	44.32 0.81 -0.22	44.65 0.73 4.18	44.49 0.64 9.06	44.81 0.59 13.34	35.52 0.59 21.33	52.29 1.18 13.14	54.76 0.89 15.23	80.82 1.67 0.00	87.20 2.23 7.94	70.48 0.99 12.11	72.10 0.40 17.29	46.36 -0.21 28.22	45.08 -0.51 12.96	43.17 -0.07 2.47
WOODARD___115KV_TB2 355635	36.91 -0.38 0.00	34.62 -0.47 0.00	32.44 -0.48 0.00	30.69 -0.47 0.00	30.32 -0.48 0.00	43.00 -0.60 0.00	43.94 -0.65 0.00	49.85 -0.80 0.00	41.25 -0.70 0.00	39.36 -0.60 0.00	42.74 -0.56 0.00	47.59 -0.52 0.00	52.44 -0.46 0.00	57.18 -0.37 0.00	55.97 -0.29 0.00	64.04 -0.22 0.00	69.37 -0.10 -0.37	83.49 0.16 -4.18	98.39 0.54 -4.94	81.88 0.28 0.00	89.16 0.03 -0.13	79.21 -0.27 -4.68	60.03 -0.39 -1.87	45.50 -0.40 -0.19
WOODMERE_69_KV_BK1 55827	38.57 1.28 0.00	36.42 1.33 0.00	34.15 1.22 0.00	32.30 1.14 0.00	31.88 1.08 0.00	44.86 1.26 0.00	46.09 1.50 0.00	52.11 1.46 0.00	44.46 1.31 -1.20	43.71 1.27 -2.48	45.31 1.80 -0.22	51.35 1.95 -1.30	56.42 1.98 -1.53	61.08 2.09 -1.44	84.87 2.00 -26.61	82.51 2.41 -15.84	80.79 2.29 -9.40	82.08 2.92 0.00	96.05 3.83 0.69	82.57 2.16 1.19	88.92 1.72 1.79	74.87 1.14 1.07	59.20 0.77 0.11	46.65 0.95 0.00
YORK___WARBASSE 23770	38.32 1.03 0.00	36.02 0.93 0.00	33.75 0.83 0.00	31.90 0.74 0.00	31.50 0.70 0.00	44.30 0.70 0.00	45.75 1.15 0.00	52.15 1.50 0.00	43.54 1.60 0.00	41.42 1.46 0.00	45.11 1.60 -0.22	51.58 2.03 -1.45	56.76 1.91 -1.95	61.76 1.91 -2.30	58.39 1.87 -0.26	66.19 1.95 0.00	71.07 1.97 0.00	81.58 2.43 0.00	96.14 3.23 0.00	83.22 1.62 0.00	90.18 1.19 0.00	75.59 0.79 0.00	59.35 0.81 0.00	46.86 1.15 0.00