

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

### --- Marginal Cost of Losses

### --- Marginal Cost of Congestion

## Generator Data

07/20/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	48.15	42.39	41.96	40.39	37.65	38.24	42.47	40.85	44.82	64.52	56.75	63.20	52.85	53.85	64.44	89.46	88.02	207.91	181.87	126.12	82.67	86.53	65.97	62.93
24138	2.52	2.41	2.41	2.20	2.18	2.21	2.29	2.56	2.82	2.78	3.15	3.69	4.25	4.33	5.21	7.12	7.33	16.84	14.31	9.39	5.80	5.16	3.88	3.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-23.45	-13.04	-15.42	-0.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.24	0.00	0.00
74TH STREET_GT_1	48.25	42.48	42.05	40.48	37.72	38.32	42.56	40.93	44.89	64.51	56.76	63.19	52.90	53.94	64.55	89.77	88.33	208.76	182.69	126.66	83.06	86.93	66.27	63.21
24260	2.61	2.48	2.50	2.29	2.26	2.29	2.38	2.64	2.89	2.82	3.20	3.72	4.30	4.43	5.31	7.42	7.65	17.68	15.13	9.94	6.20	5.55	4.18	3.71
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-23.39	-13.01	-15.38	-0.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.24	0.00	0.00
74TH STREET_GT_2	48.25	42.48	42.05	40.48	37.72	38.32	42.56	40.93	44.89	64.51	56.76	63.19	52.90	53.94	64.55	89.77	88.33	208.76	182.69	126.66	83.06	86.93	66.27	63.21
24261	2.61	2.48	2.50	2.29	2.26	2.29	2.38	2.64	2.89	2.82	3.20	3.72	4.30	4.43	5.31	7.42	7.65	17.68	15.13	9.94	6.20	5.55	4.18	3.71
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-23.39	-13.01	-15.38	-0.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.24	0.00	0.00
ADK HUDSON___FALLS	48.62	42.71	42.23	40.64	37.80	38.46	42.89	41.03	44.85	40.68	43.00	46.52	50.51	52.29	62.99	88.11	85.66	204.02	180.27	125.18	82.26	86.55	65.51	62.59
24011	2.98	2.72	2.68	2.45	2.33	2.42	2.72	2.74	2.84	2.38	2.45	2.44	2.56	2.78	3.76	5.76	4.98	12.95	12.70	8.45	5.38	4.95	3.42	3.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	49.05	43.10	42.57	40.94	38.10	38.76	43.27	41.37	45.20	40.88	43.27	46.80	50.77	52.49	63.36	88.65	86.45	205.91	181.66	125.91	82.71	87.11	65.86	62.89
23798	3.41	3.11	3.01	2.75	2.63	2.73	3.09	3.09	3.19	2.58	2.72	2.72	2.81	2.98	4.13	6.31	5.76	14.83	14.10	9.18	5.83	5.50	3.76	3.40
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	48.62	42.71	42.23	40.64	37.80	38.46	42																	

ALBANY___2 23572	45.95 0.32 0.00	40.43 0.43 0.00	40.11 0.55 0.00	38.71 0.52 0.00	36.04 0.57 0.00	36.64 0.61 0.00	40.72 0.54 0.00	39.00 0.71 0.00	42.59 0.59 0.00	38.83 0.53 0.00	41.14 0.58 0.00	44.60 0.51 0.00	48.68 0.72 0.00	50.38 0.87 0.00	60.36 1.13 0.00	83.92 1.58 0.00	82.01 1.33 0.00	194.43 3.36 0.00	170.59 3.03 0.00	118.65 1.92 0.00	77.98 1.10 0.00	82.10 0.49 0.00	62.43 0.34 0.00	59.70 0.20 0.00
ALBANY___3 23573	45.95 0.32 0.00	40.43 0.43 0.00	40.11 0.55 0.00	38.71 0.52 0.00	36.04 0.57 0.00	36.64 0.61 0.00	40.72 0.54 0.00	39.00 0.71 0.00	42.59 0.59 0.00	38.83 0.53 0.00	41.14 0.58 0.00	44.60 0.51 0.00	48.68 0.72 0.00	50.38 0.87 0.00	60.36 1.13 0.00	83.92 1.58 0.00	82.01 1.33 0.00	194.43 3.36 0.00	170.59 3.03 0.00	118.65 1.92 0.00	77.98 1.10 0.00	82.10 0.49 0.00	62.43 0.34 0.00	59.70 0.20 0.00
ALBANY___4 23574	45.95 0.32 0.00	40.43 0.43 0.00	40.11 0.55 0.00	38.71 0.52 0.00	36.04 0.57 0.00	36.64 0.61 0.00	40.72 0.54 0.00	39.00 0.71 0.00	42.59 0.59 0.00	38.83 0.53 0.00	41.14 0.58 0.00	44.60 0.51 0.00	48.68 0.72 0.00	50.38 0.87 0.00	60.36 1.13 0.00	83.92 1.58 0.00	82.01 1.33 0.00	194.43 3.36 0.00	170.59 3.03 0.00	118.65 1.92 0.00	77.98 1.10 0.00	82.10 0.49 0.00	62.43 0.34 0.00	59.70 0.20 0.00
ALBANY___LFGE 323615	46.53 0.89 0.00	40.90 0.91 0.00	40.56 1.00 0.00	39.13 0.94 0.00	36.42 0.95 0.00	37.03 1.00 0.00	41.16 0.99 0.00	39.43 1.14 0.00	43.07 1.07 0.00	39.28 0.98 0.00	41.62 1.07 0.00	45.16 1.07 0.00	49.31 1.35 0.00	51.05 1.54 0.00	61.17 1.95 0.00	85.14 2.80 0.00	83.08 2.40 0.00	197.08 6.00 0.00	172.95 5.39 0.00	120.28 3.55 0.00	79.01 2.13 0.00	83.16 1.56 0.00	63.22 1.12 0.00	60.42 0.92 0.00
ALCOA_PA_115KV_PL-6C 55860	46.18 0.55 0.00	40.43 0.44 0.00	39.96 0.40 0.00	38.63 0.44 0.00	35.82 0.35 0.00	36.35 0.31 0.00	40.60 0.43 0.00	38.41 0.12 0.00	42.31 0.30 0.00	38.56 0.26 0.00	40.80 0.24 0.00	44.32 0.24 0.00	47.90 -0.06 0.00	49.32 -0.20 0.00	58.72 -0.51 0.00	81.75 -0.59 0.00	80.50 -0.18 0.00	189.95 -1.12 0.00	166.69 -0.87 0.00	116.31 -0.42 0.00	76.85 -0.02 0.00	82.84 1.23 0.00	62.95 0.85 0.00	60.56 1.06 0.00
ALCOA_RYNLDS___DRP 24188	46.18 0.55 0.00	40.43 0.44 0.00	39.96 0.40 0.00	38.63 0.44 0.00	35.82 0.35 0.00	36.35 0.31 0.00	40.60 0.43 0.00	38.41 0.12 0.00	42.31 0.30 0.00	38.56 0.26 0.00	40.80 0.24 0.00	44.32 0.24 0.00	47.90 -0.06 0.00	49.32 -0.20 0.00	58.72 -0.51 0.00	81.75 -0.59 0.00	80.50 -0.18 0.00	189.95 -1.12 0.00	166.69 -0.87 0.00	116.31 -0.42 0.00	76.85 -0.02 0.00	82.84 1.23 0.00	62.95 0.85 0.00	60.56 1.06 0.00
ALCOA___DSASP 323711	46.18 0.55 0.00	40.43 0.44 0.00	39.96 0.40 0.00	38.63 0.44 0.00	35.82 0.35 0.00	36.35 0.31 0.00	40.60 0.43 0.00	38.41 0.12 0.00	42.31 0.31 0.00	38.56 0.26 0.00	40.80 0.25 0.00	44.32 0.24 0.00	47.90 -0.06 0.00	49.32 -0.20 0.00	58.72 -0.51 0.00	81.74 -0.60 0.00	80.50 -0.18 0.00	189.95 -1.12 0.00	166.69 -0.87 0.00	116.31 -0.42 0.00	76.85 -0.02 0.00	82.84 1.23 0.00	62.95 0.85 0.00	60.56 1.06 0.00
ALLEGHENY___COGEN 23514	47.77 2.13 0.00	41.56 1.57 0.00	40.86 1.30 0.00	39.30 1.12 0.00	36.38 0.91 0.00	36.92 0.88 0.00	41.13 0.96 0.00	39.26 0.97 0.00	42.83 0.83 0.00	38.75 0.45 0.00	40.94 0.39 0.00	43.54 -0.54 0.00	55.96 -0.85 -8.85	48.82 -0.69 0.00	80.36 -0.85 -21.98	97.92 -1.38 -16.96	89.50 -0.97 -9.79	190.85 -0.22 0.00	169.12 1.56 0.00	118.13 1.41 0.00	74.22 1.25 3.91	80.32 0.85 2.13	63.43 1.33 0.00	60.82 1.32 0.00
ALTAMONT_115KV_TB 2 55880	46.45 0.81 0.00	40.81 0.81 0.00	40.43 0.87 0.00	38.99 0.80 0.00	36.28 0.81 0.00	36.87 0.84 0.00	41.02 0.85 0.00	39.24 0.96 0.00	42.93 0.92 0.00	39.15 0.86 0.00	41.47 0.92 0.00	45.04 0.95 0.00	49.12 1.16 0.00	50.80 1.29 0.00	60.86 1.63 0.00	84.67 2.33 0.00	82.68 2.00 0.00	195.92 4.85 0.00	171.96 4.40 0.00	119.68 2.96 0.00	78.73 1.86 0.00	82.95 1.35 0.00	63.14 1.05 0.00	60.43 0.93 0.00
ALTONA_WT_PWR 323606	46.16 0.52 0.00	40.42 0.43 0.00	39.99 0.43 0.00	38.63 0.44 0.00	35.88 0.41 0.00	36.43 0.40 0.00	40.69 0.51 0.00	38.53 0.24 0.00	42.33 0.32 0.00	38.53 0.23 0.00	40.85 0.29 0.00	44.31 0.22 0.00	47.79 -0.17 0.00	49.37 -0.14 0.00	58.55 -0.68 0.00	81.38 -0.96 0.00	80.09 -0.59 0.00	188.87 -2.20 0.00	165.99 -1.57 0.00	115.82 -0.90 0.00	76.45 -0.43 0.00	82.32 0.72 0.00	62.40 0.30 0.00	60.38 0.88 0.00
AMERICAN_REF_FUEL 24010	44.15 -1.49 0.00	38.57 -1.42 0.00	38.10 -1.46 0.00	36.62 -1.56 0.00	33.89 -1.59 0.00	34.36 -1.67 0.00	38.22 -1.95 0.00	36.64 -1.65 0.00	40.28 -1.73 0.00	35.97 -2.33 0.00	37.51 -3.04 0.00	40.53 -3.55 0.00	42.16 -3.75 2.05	45.23 -4.28 0.00	49.55 -4.58 5.10	70.91 -7.50 3.94	72.15 -6.26 2.27	174.68 -16.39 0.00	152.97 -14.59 0.00	105.97 -10.76 0.00	66.47 -7.69 2.72	64.45 -9.19 7.97	56.85 -5.25 0.00	56.00 -3.50 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	45.48 -0.16 0.00	39.50 -0.49 0.00	39.01 -0.55 0.00	37.33 -0.86 0.00	34.22 -1.25 0.00	34.93 -1.10 0.00	39.07 -1.10 0.00	37.78 -0.50 0.00	41.45 -0.56 0.00	37.52 -0.78 0.00	39.21 -1.34 0.00	42.42 -1.67 0.00	43.74 -2.19 2.03	47.06 -2.45 0.00	51.93 -2.27 5.03	75.13 -3.33 3.88	75.23 -3.21 2.24	182.35 -8.72 0.00	161.23 -6.33 0.00	111.77 -4.95 0.00	69.70 -3.88 3.30	69.08 -5.03 7.50	59.66 -2.43 0.00	57.78 -1.72 0.00
ARTHUR KILL_GT_1 23520	47.84 2.21 0.00	42.10 2.12 0.00	41.68 2.12 0.00	40.07 1.89 0.00	37.38 1.91 0.00	37.94 1.91 0.00	42.10 1.92 0.00	40.48 2.20 0.00	44.38 2.37 0.00	64.04 2.36 -23.39	56.36 2.80 -13.01	62.82 3.36 -15.38	52.49 3.89 -0.65	53.56 4.05 0.00	63.99 4.75 -0.01	89.09 6.75 0.00	87.88 7.20 0.00	207.86 16.79 0.00	181.66 14.10 0.00	125.72 9.00 0.00	82.38 5.51 0.01	86.06 4.69 0.24	65.59 3.49 0.00	62.59 3.09 0.00
ARTHUR_KILL_2 23512	47.66 2.03 0.00	41.96 1.97 0.00	41.52 1.96 0.00	39.94 1.75 0.00	37.24 1.77 0.00	37.82 1.79 0.00	41.95 1.77 0.00	40.33 2.05 0.00	44.21 2.21 0.00	63.91 2.22 -23.39	56.21 2.65 -13.01	62.64 3.18 -15.38	52.28 3.68 -0.65	53.33 3.82 0.00	63.70 4.47 -0.01	88.68 6.33 0.00	87.47 6.79 0.00	206.85 15.78 0.00	180.80 13.24 0.00	125.11 8.38 0.00	82.00 5.13 0.01	85.68 4.31 0.24	65.28 3.19 0.00	62.31 2.82 0.00
ARTHUR_KILL_3 23513	47.60 1.97 0.00	41.90 1.91 0.00	41.49 1.93 0.00	39.94 1.75 0.00	37.24 1.77 0.00	37.81 1.78 0.00	41.99 1.82 0.00	40.39 2.10 0.00	44.29 2.29 0.00	63.97 2.26 -23.41	56.19 2.61 -13.02	62.52 3.04 -15.40	52.09 3.49 -0.64	53.13 3.62 0.00	63.58 4.36 0.00	88.43 6.09 0.00	87.06 6.38 0.00	205.65 14.57 0.00	179.85 12.28 0.00	124.84 8.11 0.00	81.88 5.01 0.01	85.67 4.30 0.24	65.32 3.23 0.00	62.29 2.79 0.00

ARTHUR_KILL_COGEN 323718	47.84 2.21 0.00	42.10 2.11 0.00	41.67 2.11 0.00	40.07 1.89 0.00	37.38 1.91 0.00	37.95 1.91 0.00	42.10 1.92 0.00	40.47 2.19 0.00	44.37 2.37 0.00	64.04 2.35 -23.39	56.36 2.80 -13.01	62.81 3.35 -15.38	52.48 3.88 -0.65	53.56 4.04 0.00	63.99 4.75 -0.01	89.07 6.73 0.00	87.88 7.20 0.00	207.84 16.77 0.00	181.65 14.09 0.00	125.73 9.00 0.00	82.38 5.51 0.01	86.07 4.70 0.24	65.58 3.49 0.00	62.58 3.09 0.00
ASHOKAN____ 23654	47.66 2.03 0.00	41.83 1.84 0.00	41.36 1.81 0.00	39.81 1.62 0.00	37.05 1.57 0.00	37.62 1.59 0.00	41.86 1.69 0.00	40.14 1.86 0.00	43.91 1.90 0.00	40.17 1.87 0.00	42.78 2.23 0.00	46.44 2.36 0.00	50.81 2.85 0.00	52.93 3.41 0.00	63.20 3.97 0.00	87.99 5.65 0.00	87.44 6.75 0.00	205.53 14.46 0.00	181.38 13.82 0.00	125.80 9.07 0.00	82.56 5.69 0.01	86.31 4.91 0.20	65.54 3.45 0.00	62.34 2.84 0.00
ASTORIA_EAST_ENERGY_CC1 323581	47.81 2.18 0.00	42.12 2.13 0.00	41.68 2.13 0.00	40.11 1.92 0.00	37.41 1.94 0.00	37.99 1.95 0.00	42.14 1.97 0.00	40.56 2.27 0.00	44.38 2.37 0.00	64.05 2.36 -23.39	56.29 2.73 -13.01	62.66 3.19 -15.38	52.29 3.69 -0.65	53.19 3.67 0.00	63.61 4.38 0.00	88.72 6.37 0.00	87.32 6.64 0.00	206.54 15.46 0.00	180.68 13.12 0.00	125.28 8.55 0.00	82.20 5.32 0.00	85.94 4.58 0.23	65.55 3.45 0.00	62.55 3.05 0.00
ASTORIA_EAST_ENERGY_CC2 323582	47.81 2.18 0.00	42.12 2.13 0.00	41.68 2.13 0.00	40.11 1.92 0.00	37.41 1.94 0.00	37.99 1.95 0.00	42.14 1.97 0.00	40.56 2.27 0.00	44.38 2.37 0.00	64.05 2.36 -23.39	56.29 2.73 -13.01	62.66 3.19 -15.38	52.29 3.69 -0.65	53.19 3.67 0.00	63.61 4.38 0.00	88.72 6.37 0.00	87.32 6.64 0.00	206.54 15.46 0.00	180.68 13.12 0.00	125.28 8.55 0.00	82.20 5.32 0.00	85.94 4.58 0.23	65.55 3.45 0.00	62.55 3.05 0.00
ASTORIA_GT2_1 24094	47.85 2.21 0.00	42.14 2.15 0.00	41.71 2.15 0.00	40.14 1.95 0.00	37.42 1.95 0.00	38.00 1.96 0.00	42.17 2.00 0.00	40.57 2.29 0.00	44.40 2.40 0.00	64.08 2.39 -23.39	56.30 2.74 -13.01	62.70 3.24 -15.38	52.32 3.72 -0.65	53.24 3.73 0.00	63.65 4.43 0.00	88.75 6.41 0.00	87.38 6.70 0.00	206.65 15.58 0.00	180.79 13.23 0.00	125.32 8.59 0.00	82.24 5.37 0.01	85.97 4.60 0.24	65.57 3.48 0.00	62.59 3.09 0.00
ASTORIA_GT2_2 24095	47.85 2.21 0.00	42.14 2.15 0.00	41.71 2.15 0.00	40.14 1.95 0.00	37.42 1.95 0.00	38.00 1.96 0.00	42.17 2.00 0.00	40.57 2.29 0.00	44.40 2.40 0.00	64.08 2.39 -23.39	56.30 2.74 -13.01	62.70 3.24 -15.38	52.32 3.72 -0.65	53.24 3.73 0.00	63.65 4.43 0.00	88.75 6.41 0.00	87.38 6.70 0.00	206.65 15.58 0.00	180.79 13.23 0.00	125.32 8.59 0.00	82.24 5.37 0.01	85.97 4.60 0.24	65.57 3.48 0.00	62.59 3.09 0.00
ASTORIA_GT2_3 24096	47.85 2.21 0.00	42.14 2.15 0.00	41.71 2.15 0.00	40.14 1.95 0.00	37.42 1.95 0.00	38.00 1.96 0.00	42.17 2.00 0.00	40.57 2.29 0.00	44.40 2.40 0.00	64.08 2.39 -23.39	56.30 2.74 -13.01	62.70 3.24 -15.38	52.32 3.72 -0.65	53.24 3.73 0.00	63.65 4.43 0.00	88.75 6.41 0.00	87.38 6.70 0.00	206.65 15.58 0.00	180.79 13.23 0.00	125.32 8.59 0.00	82.24 5.37 0.01	85.97 4.60 0.24	65.57 3.48 0.00	62.59 3.09 0.00
ASTORIA_GT2_4 24097	47.85 2.21 0.00	42.14 2.15 0.00	41.71 2.15 0.00	40.14 1.95 0.00	37.42 1.95 0.00	38.00 1.96 0.00	42.17 2.00 0.00	40.57 2.29 0.00	44.40 2.40 0.00	64.08 2.39 -23.39	56.30 2.74 -13.01	62.70 3.24 -15.38	52.32 3.72 -0.65	53.24 3.73 0.00	63.65 4.43 0.00	88.75 6.41 0.00	87.38 6.70 0.00	206.65 15.58 0.00	180.79 13.23 0.00	125.32 8.59 0.00	82.24 5.37 0.01	85.97 4.60 0.24	65.57 3.48 0.00	62.59 3.09 0.00
ASTORIA_GT3_1 24098	47.85 2.21 0.00	42.14 2.15 0.00	41.71 2.15 0.00	40.14 1.95 0.00	37.42 1.95 0.00	38.00 1.96 0.00	42.17 2.00 0.00	40.57 2.29 0.00	44.40 2.40 0.00	64.08 2.39 -23.39	56.30 2.74 -13.01	62.70 3.24 -15.38	52.32 3.72 -0.65	53.24 3.73 0.00	63.65 4.43 0.00	88.75 6.41 0.00	87.38 6.70 0.00	206.65 15.58 0.00	180.79 13.23 0.00	125.32 8.59 0.00	82.24 5.37 0.01	85.97 4.60 0.24	65.57 3.48 0.00	62.59 3.09 0.00
ASTORIA_GT3_2 24099	47.85 2.21 0.00	42.14 2.15 0.00	41.71 2.15 0.00	40.14 1.95 0.00	37.42 1.95 0.00	38.00 1.96 0.00	42.17 2.00 0.00	40.57 2.29 0.00	44.40 2.40 0.00	64.08 2.39 -23.39	56.30 2.74 -13.01	62.70 3.24 -15.38	52.32 3.72 -0.65	53.24 3.73 0.00	63.65 4.43 0.00	88.75 6.41 0.00	87.38 6.70 0.00	206.65 15.58 0.00	180.79 13.23 0.00	125.32 8.59 0.00	82.24 5.37 0.01	85.97 4.60 0.24	65.57 3.48 0.00	62.59 3.09 0.00
ASTORIA_GT3_3 24100	47.85 2.21 0.00	42.14 2.15 0.00	41.71 2.15 0.00	40.14 1.95 0.00	37.42 1.95 0.00	38.00 1.96 0.00	42.17 2.00 0.00	40.57 2.29 0.00	44.40 2.40 0.00	64.08 2.39 -23.39	56.30 2.74 -13.01	62.70 3.24 -15.38	52.32 3.72 -0.65	53.24 3.73 0.00	63.65 4.43 0.00	88.75 6.41 0.00	87.38 6.70 0.00	206.65 15.58 0.00	180.79 13.23 0.00	125.32 8.59 0.00	82.24 5.37 0.01	85.97 4.60 0.24	65.57 3.48 0.00	62.59 3.09 0.00
ASTORIA_GT3_4 24101	47.85 2.21 0.00	42.14 2.15 0.00	41.71 2.15 0.00	40.14 1.95 0.00	37.42 1.95 0.00	38.00 1.96 0.00	42.17 2.00 0.00	40.57 2.29 0.00	44.40 2.40 0.00	64.08 2.39 -23.39	56.30 2.74 -13.01	62.70 3.24 -15.38	52.32 3.72 -0.65	53.24 3.73 0.00	63.65 4.43 0.00	88.75 6.41 0.00	87.38 6.70 0.00	206.65 15.58 0.00	180.79 13.23 0.00	125.32 8.59 0.00	82.24 5.37 0.01	85.97 4.60 0.24	65.57 3.48 0.00	62.59 3.09 0.00
ASTORIA_GT4_1 24102	47.85 2.21 0.00	42.14 2.15 0.00	41.71 2.15 0.00	40.14 1.95 0.00	37.42 1.95 0.00	38.00 1.96 0.00	42.17 2.00 0.00	40.57 2.29 0.00	44.40 2.40 0.00	64.08 2.39 -23.39	56.30 2.74 -13.01	62.70 3.24 -15.38	52.32 3.72 -0.65	53.24 3.73 0.00	63.65 4.43 0.00	88.75 6.41 0.00	87.38 6.70 0.00	206.65 15.58 0.00	180.79 13.23 0.00	125.32 8.59 0.00	82.24 5.37 0.01	85.97 4.60 0.24	65.57 3.48 0.00	62.59 3.09 0.00
ASTORIA_GT4_2 24103	47.85 2.21 0.00	42.14 2.15 0.00	41.71 2.15 0.00	40.14 1.95 0.00	37.42 1.95 0.00	38.00 1.96 0.00	42.17 2.00 0.00	40.57 2.29 0.00	44.40 2.40 0.00	64.08 2.39 -23.39	56.30 2.74 -13.01	62.70 3.24 -15.38	52.32 3.72 -0.65	53.24 3.73 0.00	63.65 4.43 0.00	88.75 6.41 0.00	87.38 6.70 0.00	206.65 15.58 0.00	180.79 13.23 0.00	125.32 8.59 0.00	82.24 5.37 0.01	85.97 4.60 0.24	65.57 3.48 0.00	62.59 3.09 0.00
ASTORIA_GT4_3 24104	47.85 2.21 0.00	42.14 2.15 0.00	41.71 2.15 0.00	40.14 1.95 0.00	37.42 1.95 0.00	38.00 1.96 0.00	42.17 2.00 0.00	40.57 2.29 0.00	44.40 2.40 0.00	64.08 2.39 -23.39	56.30 2.74 -13.01	62.70 3.24 -15.38	52.32 3.72 -0.65	53.24 3.73 0.00	63.65 4.43 0.00	88.75 6.41 0.00	87.38 6.70 0.00	206.65 15.58 0.00	180.79 13.23 0.00	125.32 8.59 0.00	82.24 5.37 0.01	85.97 4.60 0.24	65.57 3.48 0.00	62.59 3.09 0.00

ASTORIA_GT4_4 24105	47.85 2.21 0.00	42.14 2.15 0.00	41.71 2.15 0.00	40.14 1.95 0.00	37.42 1.95 0.00	38.00 1.96 0.00	42.17 2.00 0.00	40.57 2.29 0.00	44.40 2.40 0.00	64.08 2.39 -23.39	56.30 2.74 -13.01	62.70 3.24 -15.38	52.32 3.72 -0.65	53.24 3.73 0.00	63.65 4.43 0.00	88.75 6.41 0.00	87.38 6.70 0.00	206.65 15.58 0.00	180.79 13.23 0.00	125.32 8.59 0.00	82.24 5.37 0.01	85.97 4.60 0.24	65.57 3.48 0.00	62.59 3.09 0.00
ASTORIA_GT_1 23523	47.95 2.31 0.00	42.23 2.24 0.00	41.79 2.23 0.00	40.22 2.03 0.00	37.49 2.02 0.00	38.07 2.03 0.00	42.24 2.07 0.00	40.66 2.37 0.00	44.49 2.48 0.00	64.16 2.47 -23.39	56.40 2.84 -13.01	62.81 3.35 -15.38	52.43 3.83 -0.65	53.36 3.85 0.00	63.80 4.58 0.00	88.98 6.64 0.00	87.60 6.92 0.00	207.17 16.09 0.00	181.26 13.70 0.00	125.66 8.93 0.00	82.44 5.57 0.01	86.19 4.82 0.24	65.75 3.65 0.00	62.75 3.26 0.00
ASTORIA_GT_10 24110	47.69 2.06 0.00	42.03 2.04 0.00	41.60 2.04 0.00	40.03 1.84 0.00	37.32 1.85 0.00	37.91 1.88 0.00	42.07 1.90 0.00	40.49 2.20 0.00	44.35 2.35 0.00	64.04 2.36 -23.39	56.28 2.72 -13.01	62.65 3.19 -15.38	52.22 3.62 -0.65	53.17 3.66 0.00	63.53 4.30 0.00	88.36 6.01 0.00	86.98 6.29 0.00	205.64 14.56 0.00	179.85 12.28 0.00	124.70 7.97 0.00	81.82 4.95 0.01	85.53 4.16 0.24	65.24 3.14 0.00	62.29 2.79 0.00
ASTORIA_GT_11 24225	47.69 2.06 0.00	42.03 2.04 0.00	41.60 2.04 0.00	40.03 1.84 0.00	37.32 1.85 0.00	37.91 1.88 0.00	42.07 1.90 0.00	40.49 2.20 0.00	44.35 2.35 0.00	64.04 2.36 -23.39	56.28 2.72 -13.01	62.65 3.19 -15.38	52.22 3.62 -0.65	53.17 3.66 0.00	63.53 4.30 0.00	88.36 6.01 0.00	86.98 6.29 0.00	205.64 14.56 0.00	179.85 12.28 0.00	124.70 7.97 0.00	81.82 4.95 0.01	85.53 4.16 0.24	65.24 3.14 0.00	62.29 2.79 0.00
ASTORIA_GT_12 24226	47.69 2.06 0.00	42.03 2.04 0.00	41.60 2.04 0.00	40.03 1.84 0.00	37.32 1.85 0.00	37.91 1.88 0.00	42.07 1.90 0.00	40.49 2.20 0.00	44.35 2.35 0.00	64.04 2.36 -23.39	56.28 2.72 -13.01	62.65 3.19 -15.38	52.22 3.62 -0.65	53.17 3.66 0.00	63.53 4.30 0.00	88.36 6.01 0.00	86.98 6.29 0.00	205.64 14.56 0.00	179.85 12.28 0.00	124.70 7.97 0.00	81.82 4.95 0.01	85.53 4.16 0.24	65.24 3.14 0.00	62.29 2.79 0.00
ASTORIA_GT_13 24227	47.69 2.06 0.00	42.03 2.04 0.00	41.60 2.04 0.00	40.03 1.84 0.00	37.32 1.85 0.00	37.91 1.88 0.00	42.07 1.90 0.00	40.49 2.20 0.00	44.35 2.35 0.00	64.04 2.36 -23.39	56.28 2.72 -13.01	62.65 3.19 -15.38	52.22 3.62 -0.65	53.17 3.66 0.00	63.53 4.30 0.00	88.36 6.01 0.00	86.98 6.29 0.00	205.64 14.56 0.00	179.85 12.28 0.00	124.70 7.97 0.00	81.82 4.95 0.01	85.53 4.16 0.24	65.24 3.14 0.00	62.29 2.79 0.00
ASTORIA_GT_5 24106	47.95 2.31 0.00	42.23 2.24 0.00	41.79 2.23 0.00	40.22 2.03 0.00	37.49 2.02 0.00	38.07 2.03 0.00	42.24 2.07 0.00	40.66 2.37 0.00	44.49 2.48 0.00	64.16 2.47 -23.39	56.40 2.84 -13.01	62.81 3.35 -15.38	52.43 3.83 -0.65	53.36 3.85 0.00	63.80 4.58 0.00	88.98 6.64 0.00	87.60 6.92 0.00	207.17 16.09 0.00	181.26 13.70 0.00	125.66 8.93 0.00	82.44 5.57 0.01	86.19 4.82 0.24	65.75 3.65 0.00	62.75 3.26 0.00
ASTORIA_GT_7 24107	47.95 2.31 0.00	42.23 2.24 0.00	41.79 2.23 0.00	40.22 2.03 0.00	37.49 2.02 0.00	38.07 2.03 0.00	42.24 2.07 0.00	40.66 2.37 0.00	44.49 2.48 0.00	64.16 2.47 -23.39	56.40 2.84 -13.01	62.81 3.35 -15.38	52.43 3.83 -0.65	53.36 3.85 0.00	63.80 4.58 0.00	88.98 6.64 0.00	87.60 6.92 0.00	207.17 16.09 0.00	181.26 13.70 0.00	125.66 8.93 0.00	82.44 5.57 0.01	86.19 4.82 0.24	65.75 3.65 0.00	62.75 3.26 0.00
ASTORIA_GT_8 24108	47.95 2.31 0.00	42.23 2.24 0.00	41.79 2.23 0.00	40.22 2.03 0.00	37.49 2.02 0.00	38.07 2.03 0.00	42.24 2.07 0.00	40.66 2.37 0.00	44.49 2.48 0.00	64.16 2.47 -23.39	56.40 2.84 -13.01	62.81 3.35 -15.38	52.43 3.83 -0.65	53.36 3.85 0.00	63.80 4.58 0.00	88.98 6.64 0.00	87.60 6.92 0.00	207.17 16.09 0.00	181.26 13.70 0.00	125.66 8.93 0.00	82.44 5.57 0.01	86.19 4.82 0.24	65.75 3.65 0.00	62.75 3.26 0.00
ASTORIA___2 24149	47.85 2.22 0.00	42.14 2.15 0.00	41.70 2.14 0.00	40.13 1.94 0.00	37.42 1.95 0.00	38.00 1.97 0.00	42.17 1.99 0.00	40.57 2.28 0.00	44.40 2.40 0.00	64.08 2.39 -23.39	56.31 2.75 -13.01	62.69 3.23 -15.38	52.32 3.71 -0.65	53.22 3.71 0.00	63.65 4.42 0.00	88.74 6.40 0.00	87.38 6.70 0.00	206.65 15.58 0.00	180.78 13.22 0.00	125.32 8.59 0.00	82.24 5.37 0.00	85.98 4.61 0.23	65.57 3.48 0.00	62.59 3.10 0.00
ASTORIA___3 23516	47.69 2.06 0.00	42.03 2.04 0.00	41.59 2.04 0.00	40.03 1.84 0.00	37.32 1.85 0.00	37.91 1.88 0.00	42.07 1.90 0.00	40.48 2.20 0.00	44.35 2.35 0.00	64.04 2.35 -23.39	56.29 2.73 -13.01	62.64 3.18 -15.38	52.22 3.62 -0.65	53.16 3.64 0.00	63.53 4.30 0.00	88.34 6.00 0.00	86.98 6.30 0.00	205.64 14.56 0.00	179.85 12.28 0.00	124.69 7.97 0.00	81.80 4.94 0.01	85.54 4.18 0.24	65.23 3.14 0.00	62.29 2.79 0.00
ASTORIA___4 23517	47.69 2.06 0.00	42.03 2.04 0.00	41.60 2.04 0.00	40.03 1.84 0.00	37.32 1.85 0.00	37.91 1.88 0.00	42.07 1.90 0.00	40.49 2.20 0.00	44.35 2.35 0.00	64.04 2.35 -23.39	56.28 2.72 -13.01	62.65 3.19 -15.38	52.22 3.62 -0.65	53.17 3.66 0.00	63.53 4.30 0.00	88.35 6.01 0.00	86.98 6.29 0.00	205.60 14.53 0.00	179.85 12.28 0.00	124.70 7.97 0.00	81.81 4.94 0.01	85.53 4.16 0.24	65.24 3.14 0.00	62.29 2.79 0.00
ASTORIA___5 23518	47.69 2.05 0.00	42.03 2.04 0.00	41.59 2.04 0.00	40.03 1.84 0.00	37.32 1.85 0.00	37.91 1.88 0.00	42.07 1.90 0.00	40.48 2.20 0.00	44.35 2.35 0.00	64.04 2.35 -23.39	56.29 2.73 -13.01	62.64 3.18 -15.38	52.22 3.62 -0.65	53.16 3.64 0.00	63.53 4.30 0.00	88.34 6.00 0.00	86.98 6.30 0.00	205.64 14.56 0.00	179.85 12.28 0.00	124.69 7.97 0.00	81.80 4.94 0.01	85.54 4.18 0.24	65.23 3.14 0.00	62.29 2.79 0.00
AST_ENERGY_2_CC3 323677	47.76 2.13 0.00	42.04 2.05 0.00	41.62 2.07 0.00	40.07 1.88 0.00	37.35 1.88 0.00	37.92 1.89 0.00	42.11 1.94 0.00	40.50 2.21 0.00	44.41 2.40 0.00	64.10 2.38 -23.42	56.29 2.71 -13.02	62.67 3.18 -15.40	52.30 3.70 -0.65	53.32 3.81 0.00	63.80 4.57 0.00	88.73 6.39 0.00	87.30 6.62 0.00	206.32 15.25 0.00	180.52 12.96 0.00	125.20 8.47 0.00	82.13 5.26 0.01	85.94 4.57 0.24	65.53 3.43 0.00	62.52 3.02 0.00
AST_ENERGY_2_CC4 323678	47.76 2.13 0.00	42.04 2.05 0.00	41.62 2.07 0.00	40.07 1.88 0.00	37.35 1.88 0.00	37.92 1.89 0.00	42.11 1.94 0.00	40.50 2.21 0.00	44.41 2.40 0.00	64.10 2.38 -23.42	56.29 2.71 -13.02	62.67 3.18 -15.40	52.30 3.70 -0.65	53.32 3.81 0.00	63.80 4.57 0.00	88.73 6.39 0.00	87.30 6.62 0.00	206.32 15.25 0.00	180.52 12.96 0.00	125.20 8.47 0.00	82.13 5.26 0.01	85.94 4.57 0.24	65.53 3.43 0.00	62.52 3.02 0.00

ATHENS_STG_1 23668	46.46	40.84	40.46	38.99	36.29	36.88	41.01	39.29	43.02	42.97	43.73	47.77	49.59	51.16	61.26	85.18	83.34	197.26	172.82	120.19	79.02	82.91	63.30	60.58
	0.83	0.85	0.90	0.80	0.82	0.84	0.84	1.00	1.02	0.99	1.13	1.27	1.54	1.65	2.03	2.84	2.66	6.19	5.26	3.46	2.15	1.52	1.20	1.08
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.68	-2.05	-2.42	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.22	0.00	0.00
ATHENS_STG_2 23670	46.46	40.84	40.46	38.99	36.29	36.88	41.01	39.29	43.02	42.97	43.73	47.77	49.59	51.16	61.26	85.18	83.34	197.26	172.82	120.19	79.02	82.91	63.30	60.58
	0.83	0.85	0.90	0.80	0.82	0.84	0.84	1.00	1.02	0.99	1.13	1.27	1.54	1.65	2.03	2.84	2.66	6.19	5.26	3.46	2.15	1.52	1.20	1.08
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.68	-2.05	-2.42	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.22	0.00	0.00
ATHENS_STG_3 23677	46.46	40.84	40.46	38.99	36.29	36.88	41.01	39.29	43.02	42.97	43.73	47.77	49.59	51.16	61.26	85.18	83.34	197.26	172.82	120.19	79.02	82.91	63.30	60.58
	0.83	0.85	0.90	0.80	0.82	0.84	0.84	1.00	1.02	0.99	1.13	1.27	1.54	1.65	2.03	2.84	2.66	6.19	5.26	3.46	2.15	1.52	1.20	1.08
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.68	-2.05	-2.42	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.22	0.00	0.00
AUBURN____LFGE 323710	46.26	40.27	39.78	38.48	35.69	36.27	40.36	38.68	42.20	38.35	40.71	44.38	48.55	49.54	61.03	87.44	88.29	201.29	169.42	118.48	79.05	83.89	63.29	60.80
	0.62	0.28	0.19	0.29	0.22	0.24	0.18	0.39	0.19	0.04	0.16	0.30	0.24	0.03	0.20	0.43	0.41	1.33	0.74	1.16	0.49	0.18	0.33	0.23
	0.00	0.00	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.35	0.00	-1.59	-4.67	-7.20	-8.88	-1.12	-0.59	-1.68	-2.11	-0.86	-1.07
BABYLON_RES_REC 323704	47.52	42.46	42.09	40.49	37.68	38.26	42.54	40.74	44.72	64.22	56.63	63.07	53.89	53.33	63.06	87.94	88.64	206.71	186.65	124.19	78.01	81.59	61.88	63.58
	1.89	2.47	2.54	2.30	2.20	2.22	2.36	2.46	2.71	2.62	3.11	3.40	4.15	3.72	3.83	5.60	5.87	13.76	11.87	7.47	4.73	4.08	3.05	3.27
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-23.30	-12.96	-15.59	-1.78	-0.09	0.00	0.00	-2.09	-1.88	-7.21	0.00	3.60	4.09	3.27	-0.80
BALL_HILL_WT_PWR 323825	45.20	39.31	38.79	37.27	34.35	34.91	38.92	37.42	41.07	37.06	38.79	42.08	42.91	46.88	50.00	73.01	74.09	181.36	159.52	110.59	69.04	67.84	58.99	57.27
	-0.43	-0.68	-0.77	-0.92	-1.12	-1.12	-1.25	-0.86	-0.94	-1.25	-1.76	-2.01	-2.37	-2.63	-2.57	-4.20	-3.63	-9.71	-8.04	-6.14	-4.71	-5.92	-3.10	-2.23
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.68	0.00	6.65	5.13	2.96	0.00	0.00	0.00	3.13	7.84	0.00	0.00
BARON_WINDS____WT_PWR 323822	45.60	39.73	39.10	37.68	34.89	35.42	39.39	37.70	41.29	37.38	39.28	42.55	31.10	47.35	20.22	51.22	62.36	186.44	162.19	112.69	69.24	74.30	60.15	57.74
	-0.03	-0.26	-0.46	-0.51	-0.59	-0.61	-0.78	-0.58	-0.71	-0.92	-1.27	-1.53	-2.17	-2.17	-2.68	-3.91	-3.69	-6.77	-5.64	-4.18	-2.84	-3.55	-2.16	-2.02
	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.69	0.00	36.33	27.21	14.62	-2.14	-0.27	-0.14	4.79	3.76	-0.21	-0.26
BARRETT_IC_1 23704	47.21	42.04	41.67	40.09	37.32	37.87	42.05	40.26	44.18	63.76	56.34	62.94	53.64	53.85	63.28	88.11	86.73	204.89	179.50	124.54	120.76	125.67	124.55	164.28
	1.58	2.05	2.11	1.90	1.84	1.84	1.88	1.97	2.18	2.16	2.82	3.27	3.91	3.72	4.05	5.76	6.05	13.82	11.93	7.77	4.90	4.33	3.16	2.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-23.30	-12.96	-15.59	-1.78	-0.62	0.00	0.00	-0.01	0.00	-0.01	-0.04	-38.98	-39.73	-59.29	-101.81
BARRETT_IC_10 23701	47.21	42.04	41.67	40.09	37.32	37.87	42.05	40.26	44.18	63.76	56.34	62.94	53.64	53.85	63.28	88.10	86.73	204.89	179.50	124.54	120.76	125.67	124.55	164.28
	1.58	2.05	2.11	1.90	1.84	1.84	1.88	1.97	2.18	2.16	2.82	3.27	3.91	3.72	4.05	5.76	6.05	13.82	11.93	7.77	4.90	4.33	3.16	2.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-23.30	-12.96	-15.59	-1.78	-0.62	0.00	0.01	-0.01	0.00	-0.01	-0.04	-38.98	-39.73	-59.29	-101.81
BARRETT_IC_11 23702	47.21	42.04	41.67	40.09	37.32	37.87	42.05	40.26	44.18	63.76	56.34	62.94	53.64	53.85	63.28	88.10	86.73	204.89	179.50	124.54	120.76	125.67	124.55	164.28
	1.58	2.05	2.11	1.90	1.84	1.84	1.88	1.97	2.18	2.16	2.82	3.27	3.91	3.72	4.05	5.76	6.05	13.82	11.93	7.77	4.90	4.33	3.16	2.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-23.30	-12.96	-15.59	-1.78	-0.62	0.00	0.01	-0.01	0.00	-0.01	-0.04	-38.98	-39.73	-59.29	-101.81
BARRETT_IC_12 23703	47.21	42.04	41.67	40.09	37.32	37.87	42.05	40.26	44.18	63.76	56.34	62.94	53.64	53.85	63.28	88.10	86.73	204.89	179.50	124.54	120.76	125.67	124.55	164.28
	1.58	2.05	2.11	1.90	1.84	1.84	1.88	1.97	2.18	2.16	2.82	3.27	3.91	3.72	4.05	5.76	6.05	13.82	11.93	7.77	4.90	4.33	3.16	2.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-23.30	-12.96	-15.59	-1.78	-0.62	0.00	0.01	-0.01	0.00	-0.01	-0.04	-38.98	-39.73	-59.29	-101.81
BARRETT_IC_2 23705	47.21	42.04	41.67	40.09	37.32	37.87	42.05	40.26	44.18	63.76	56.34	62.94	53.64	53.85	63.28	88.11	86.73	204.89	179.50	124.54	120.76	125.67	124.55	164.28
	1.58	2.05	2.11	1.90	1.84	1.84	1.88	1.97	2.18	2.16	2.82	3.27	3.91	3.72	4.05	5.76	6.05	13.82	11.93	7.77	4.90	4.33	3.16	2.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-23.30	-12.96	-15.59	-1.78	-0.62	0.00	0.00	-0.01	0.00	-0.01	-0.04	-38.98	-39.73	-59.29	-101.81
BARRETT_IC_3 23706	47.21	42.04	41.67	40.09	37.32	37.87	42.05	40.26	44.18	63.76	56.34	62.94	53.64	53.85	63.28	88.11	86.73	204.89	179.50	124.54	120.76	125.67	124.55	164.28
	1.58	2.05	2.11	1.90	1.84	1.84	1.88	1.97	2.18	2.16	2.82	3.27	3.91	3.72	4.05	5.76	6.05	13.82	11.93	7.77	4.90	4.33	3.16	2.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-23.30	-12.96	-15.59	-1.78	-0.62	0.00	0.00	-0.01	0.00	-0.01	-0.04	-38.98	-39.73	-59.29	-101.81
BARRETT_IC_4 23707	47.21	42.04	41.67	40.09	37.32	37.87	42.05	40.26	44.18	63.76	56.34	62.94	53.64	53.85	63.28	88.11	86.73	204.89	179.50	124.54	120.76	125.67	124.55	164.28
	1.58	2.05	2.11	1.90	1.84	1.84	1.88	1.97	2.18	2.16	2.82	3.27	3.91	3.72	4.05	5.76	6.05	13.82	11.93	7.77	4.90	4.33	3.16	2.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-23.30	-12.96	-15.59	-1.78	-0.62	0.00	0.00	-0.01	0.00	-0.01	-0.04	-38.98	-39.73	-59.29	-101.81
BARRETT_IC_5 23708	47.21	42.04	41.67	40.09	37.32	37.87	42.05	40.26	44.18	63.76	56.34	62.94	53.64	53.85	63.28	88.11	86.73	204.89	179.50	124.54	120.76	125.67	124.55	164.28
	1.58	2.05	2.11	1.90	1.84	1.84	1.88	1.97	2.18	2.16	2.82	3.27	3.91	3.72	4.05	5.76	6.05	13.82	11.93	7.77	4.90	4.33	3.16	2.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-23.30	-12.96	-15.59	-1.78	-0.62	0.00	0.00	-0.01	0.00	-0.01	-0.04	-38.98	-39.73	-59.29	-101.81

BARRETT_IC_6 23709	47.21 1.58 0.00	42.04 2.05 0.00	41.67 2.11 0.00	40.09 1.90 0.00	37.32 1.84 0.00	37.87 1.84 0.00	42.05 1.88 0.00	40.26 1.97 0.00	44.18 2.18 0.00	63.76 2.16 -23.30	56.34 2.82 -12.96	62.94 3.27 -15.59	53.64 3.91 -1.78	53.85 3.72 -0.62	63.28 4.05 0.00	88.11 5.76 0.00	86.73 6.05 -0.01	204.89 13.82 0.00	179.50 11.93 -0.01	124.54 7.77 -0.04	120.76 4.90 -38.98	125.67 4.33 -39.73	124.55 3.16 -59.29	164.28 2.96 -101.81
BARRETT_IC_7 23710	47.21 1.57 0.00	42.04 2.05 0.00	41.67 2.11 0.00	40.09 1.90 0.00	37.32 1.84 0.00	37.87 1.84 0.00	42.05 1.88 0.00	40.26 1.97 0.00	44.18 2.18 0.00	63.76 2.16 -23.30	56.33 2.82 -12.96	62.94 3.27 -15.59	53.64 3.91 -1.78	53.92 3.79 -0.62	63.28 4.05 0.00	88.07 5.73 0.00	86.72 6.04 0.00	204.89 13.82 0.00	179.50 11.93 0.00	124.53 7.77 -0.04	120.76 4.90 -38.98	125.62 4.29 -39.73	124.65 3.27 -59.29	164.59 3.28 -101.81
BARRETT_IC_8 23711	47.21 1.58 0.00	42.04 2.05 0.00	41.67 2.11 0.00	40.09 1.90 0.00	37.32 1.84 0.00	37.87 1.84 0.00	42.05 1.88 0.00	40.26 1.97 0.00	44.18 2.18 0.00	63.76 2.16 -23.30	56.34 2.82 -12.96	62.94 3.27 -15.59	53.64 3.91 -1.78	53.85 3.72 -0.62	63.28 4.05 0.00	88.11 5.76 0.00	86.73 6.05 -0.01	204.89 13.82 0.00	179.50 11.93 -0.01	124.54 7.77 -0.04	120.76 4.90 -38.98	125.67 4.33 -39.73	124.55 3.16 -59.29	164.28 2.96 -101.81
BARRETT_IC_9 23700	47.21 1.58 0.00	42.04 2.05 0.00	41.67 2.11 0.00	40.09 1.90 0.00	37.32 1.84 0.00	37.87 1.84 0.00	42.05 1.88 0.00	40.26 1.97 0.00	44.18 2.18 0.00	63.76 2.16 -23.30	56.34 2.82 -12.96	62.94 3.27 -15.59	53.64 3.91 -1.78	53.85 3.72 -0.62	63.28 4.05 0.00	88.10 5.76 0.01	86.73 6.05 -0.01	204.89 13.82 0.00	179.50 11.93 -0.01	124.54 7.77 -0.04	120.76 4.90 -38.98	125.67 4.33 -39.73	124.55 3.16 -59.29	164.28 2.96 -101.81
BARRETT___1 23545	47.21 1.58 0.00	42.04 2.05 0.00	41.67 2.11 0.00	40.09 1.90 0.00	37.32 1.84 0.00	37.87 1.84 0.00	42.05 1.88 0.00	40.26 1.97 0.00	44.18 2.18 0.00	63.76 2.16 -23.30	56.34 2.82 -12.96	62.94 3.27 -15.59	53.64 3.91 -1.78	53.85 3.72 -0.62	63.28 4.05 0.00	88.11 5.76 0.00	86.73 6.05 -0.01	204.89 13.82 0.00	179.50 11.93 -0.01	124.54 7.77 -0.04	120.76 4.90 -38.98	125.67 4.33 -39.73	124.55 3.16 -59.29	164.28 2.96 -101.81
BARRETT___2 23546	47.21 1.58 0.00	42.04 2.05 0.00	41.67 2.11 0.00	40.09 1.90 0.00	37.32 1.84 0.00	37.87 1.84 0.00	42.05 1.88 0.00	40.26 1.97 0.00	44.18 2.18 0.00	63.76 2.16 -23.30	56.34 2.82 -12.96	62.94 3.27 -15.59	53.64 3.91 -1.78	53.85 3.72 -0.62	63.28 4.05 0.00	88.10 5.76 0.01	86.73 6.05 -0.01	204.89 13.82 0.00	179.50 11.93 -0.01	124.54 7.77 -0.04	120.76 4.90 -38.98	125.67 4.33 -39.73	124.55 3.16 -59.29	164.28 2.96 -101.81
BATAVIA__115KV_TB1 55881	46.09 0.46 0.00	40.15 0.16 0.00	39.57 0.01 0.00	38.04 -0.15 0.00	35.20 -0.27 0.00	35.70 -0.33 0.00	39.75 -0.42 0.00	38.12 -0.17 0.00	41.92 -0.08 0.00	37.55 -0.75 0.00	39.25 -1.30 0.00	42.55 -1.54 0.00	44.69 -1.84 1.42	47.46 -2.05 0.00	53.68 -2.01 3.54	76.05 -3.56 2.73	76.63 -2.48 1.58	184.38 -6.69 0.00	162.41 -5.15 0.00	113.15 -3.58 0.00	71.79 -2.83 2.25	73.12 -3.92 4.56	60.31 -1.79 0.00	58.66 -0.84 0.00
BAYONEEC___CTG1 323682	47.83 2.19 0.00	42.10 2.12 0.00	41.68 2.12 0.00	40.12 1.93 0.00	37.41 1.93 0.00	37.98 1.95 0.00	42.18 2.00 0.00	40.56 2.27 0.00	44.47 2.47 0.00	64.15 2.43 -23.42	56.36 2.78 -13.02	62.74 3.25 -15.40	52.36 3.76 -0.65	53.38 3.87 0.00	63.87 4.64 0.00	88.82 6.47 0.00	87.38 6.70 0.00	206.51 15.44 0.00	180.69 13.13 0.00	125.33 8.60 0.00	82.20 5.33 0.01	86.02 4.65 0.24	65.59 3.50 0.00	62.58 3.08 0.00
BAYONEEC___CTG10 323750	47.83 2.19 0.00	42.10 2.12 0.00	41.68 2.12 0.00	40.12 1.93 0.00	37.41 1.93 0.00	37.98 1.95 0.00	42.18 2.00 0.00	40.56 2.27 0.00	44.47 2.47 0.00	64.15 2.43 -23.42	56.36 2.78 -13.02	62.74 3.25 -15.40	52.36 3.76 -0.65	53.38 3.87 0.00	63.87 4.64 0.00	88.82 6.47 0.00	87.38 6.70 0.00	206.51 15.44 0.00	180.69 13.13 0.00	125.33 8.60 0.00	82.20 5.33 0.01	86.02 4.65 0.24	65.59 3.50 0.00	62.58 3.08 0.00
BAYONEEC___CTG2 323683	47.83 2.19 0.00	42.10 2.12 0.00	41.68 2.12 0.00	40.12 1.93 0.00	37.41 1.93 0.00	37.98 1.95 0.00	42.18 2.00 0.00	40.56 2.27 0.00	44.47 2.47 0.00	64.15 2.43 -23.42	56.36 2.78 -13.02	62.74 3.25 -15.40	52.36 3.76 -0.65	53.38 3.87 0.00	63.87 4.64 0.00	88.82 6.47 0.00	87.38 6.70 0.00	206.51 15.44 0.00	180.69 13.13 0.00	125.33 8.60 0.00	82.20 5.33 0.01	86.02 4.65 0.24	65.59 3.50 0.00	62.58 3.08 0.00
BAYONEEC___CTG3 323684	47.83 2.19 0.00	42.10 2.12 0.00	41.68 2.12 0.00	40.12 1.93 0.00	37.41 1.93 0.00	37.98 1.95 0.00	42.18 2.00 0.00	40.56 2.27 0.00	44.47 2.47 0.00	64.15 2.43 -23.42	56.36 2.78 -13.02	62.74 3.25 -15.40	52.36 3.76 -0.65	53.38 3.87 0.00	63.87 4.64 0.00	88.82 6.47 0.00	87.38 6.70 0.00	206.51 15.44 0.00	180.69 13.13 0.00	125.33 8.60 0.00	82.20 5.33 0.01	86.02 4.65 0.24	65.59 3.50 0.00	62.58 3.08 0.00
BAYONEEC___CTG4 323685	47.83 2.19 0.00	42.10 2.12 0.00	41.68 2.12 0.00	40.12 1.93 0.00	37.41 1.93 0.00	37.98 1.95 0.00	42.18 2.00 0.00	40.56 2.27 0.00	44.47 2.47 0.00	64.15 2.43 -23.42	56.36 2.78 -13.02	62.74 3.25 -15.40	52.36 3.76 -0.65	53.38 3.87 0.00	63.87 4.64 0.00	88.82 6.47 0.00	87.38 6.70 0.00	206.51 15.44 0.00	180.69 13.13 0.00	125.33 8.60 0.00	82.20 5.33 0.01	86.02 4.65 0.24	65.59 3.50 0.00	62.58 3.08 0.00
BAYONEEC___CTG5 323686	47.83 2.19 0.00	42.10 2.12 0.00	41.68 2.12 0.00	40.12 1.93 0.00	37.41 1.93 0.00	37.98 1.95 0.00	42.18 2.00 0.00	40.56 2.27 0.00	44.47 2.47 0.00	64.15 2.43 -23.42	56.36 2.78 -13.02	62.74 3.25 -15.40	52.36 3.76 -0.65	53.38 3.87 0.00	63.87 4.64 0.00	88.82 6.47 0.00	87.38 6.70 0.00	206.51 15.44 0.00	180.69 13.13 0.00	125.33 8.60 0.00	82.20 5.33 0.01	86.02 4.65 0.24	65.59 3.50 0.00	62.58 3.08 0.00
BAYONEEC___CTG6 323687	47.83 2.19 0.00	42.10 2.12 0.00	41.68 2.12 0.00	40.12 1.93 0.00	37.41 1.93 0.00	37.98 1.95 0.00	42.18 2.00 0.00	40.56 2.27 0.00	44.47 2.47 0.00	64.15 2.43 -23.42	56.36 2.78 -13.02	62.74 3.25 -15.40	52.36 3.76 -0.65	53.38 3.87 0.00	63.87 4.64 0.00	88.82 6.47 0.00	87.38 6.70 0.00	206.51 15.44 0.00	180.69 13.13 0.00	125.33 8.60 0.00	82.20 5.33 0.01	86.02 4.65 0.24	65.59 3.50 0.00	62.58 3.08 0.00
BAYONEEC___CTG7 323688	47.83 2.19 0.00	42.10 2.12 0.00	41.68 2.12 0.00	40.12 1.93 0.00	37.41 1.93 0.00	37.98 1.95 0.00	42.18 2.00 0.00	40.56 2.27 0.00	44.47 2.47 0.00	64.15 2.43 -23.42	56.36 2.78 -13.02	62.74 3.25 -15.40	52.36 3.76 -0.65	53.38 3.87 0.00	63.87 4.64 0.00	88.82 6.47 0.00	87.38 6.70 0.00	206.51 15.44 0.00	180.69 13.13 0.00	125.33 8.60 0.00	82.20 5.33 0.01	86.02 4.65 0.24	65.59 3.50 0.00	62.58 3.08 0.00

BAYONEEC___CTG8 323689	47.83 2.19 0.00	42.10 2.12 0.00	41.68 2.12 0.00	40.12 1.93 0.00	37.41 1.93 0.00	37.98 1.95 0.00	42.18 2.00 0.00	40.56 2.27 0.00	44.47 2.47 0.00	64.15 2.43 -23.42	56.36 2.78 -13.02	62.74 3.25 -15.40	52.36 3.76 -0.65	53.38 3.87 0.00	63.87 4.64 0.00	88.82 6.47 0.00	87.38 6.70 0.00	206.51 15.44 0.00	180.69 13.13 0.00	125.33 8.60 0.00	82.20 5.33 0.01	86.02 4.65 0.24	65.59 3.50 0.00	62.58 3.08 0.00
BAYONEEC___CTG9 323749	47.83 2.19 0.00	42.10 2.12 0.00	41.68 2.12 0.00	40.12 1.93 0.00	37.41 1.93 0.00	37.98 1.95 0.00	42.18 2.00 0.00	40.56 2.27 0.00	44.47 2.47 0.00	64.15 2.43 -23.42	56.36 2.78 -13.02	62.74 3.25 -15.40	52.36 3.76 -0.65	53.38 3.87 0.00	63.87 4.64 0.00	88.82 6.47 0.00	87.38 6.70 0.00	206.51 15.44 0.00	180.69 13.13 0.00	125.33 8.60 0.00	82.20 5.33 0.01	86.02 4.65 0.24	65.59 3.50 0.00	62.58 3.08 0.00
BEACON___LESR 323632	46.78 1.14 0.00	41.02 1.03 0.00	40.71 1.15 0.00	39.26 1.07 0.00	36.48 1.01 0.00	37.19 1.16 0.00	41.34 1.16 0.00	39.55 1.26 0.00	43.28 1.27 0.00	39.43 1.13 0.00	41.74 1.19 0.00	45.43 1.35 0.00	49.51 1.55 0.00	51.32 1.80 0.00	61.61 2.38 0.00	85.58 3.24 0.00	83.73 3.05 0.00	198.50 7.42 0.00	174.05 6.49 0.00	121.20 4.47 0.00	79.47 2.59 0.00	83.60 1.99 0.00	63.48 1.38 0.00	60.58 1.08 0.00
BEAVER RIVER___HYD 24048	47.82 2.18 0.00	41.79 1.80 0.00	41.26 1.69 -0.02	39.76 1.57 0.00	36.88 1.40 0.00	37.44 1.40 0.00	41.77 1.59 0.00	39.76 1.47 0.00	43.62 1.62 0.00	39.65 1.35 0.00	41.95 1.40 0.00	45.55 1.47 0.00	49.43 1.47 0.00	50.40 0.89 0.00	60.84 1.24 -0.36	85.65 1.30 -2.01	85.30 1.20 -3.42	199.61 4.07 -4.46	173.09 4.97 -0.56	122.14 5.11 -0.30	80.60 3.45 -0.27	86.50 3.83 -1.06	65.33 2.80 -0.43	62.76 2.72 -0.54
BEEBEE_GT_13 23619	45.52 -0.11 0.00	39.68 -0.31 0.00	39.12 -0.43 0.00	37.67 -0.52 0.00	34.90 -0.57 0.00	35.41 -0.62 0.00	39.43 -0.74 0.00	37.77 -0.52 0.00	41.49 -0.51 0.00	37.57 -0.73 0.00	39.60 -0.96 0.00	43.03 -1.05 0.00	46.84 -1.12 0.00	48.32 -1.20 0.00	58.08 -1.15 0.00	80.27 -2.07 0.00	79.30 -1.38 0.00	187.62 -3.45 0.00	164.76 -2.80 0.00	114.45 -2.27 0.00	73.28 -2.11 1.49	79.57 -3.04 -1.01	60.60 -1.50 0.00	58.48 -1.02 0.00
BENSHRST_27_KV_BENSHRST_1 355998	48.21 2.58 0.00	42.42 2.43 0.00	41.98 2.42 0.00	40.36 2.18 0.00	37.64 2.16 0.00	38.22 2.19 0.00	42.44 2.27 0.00	40.85 2.56 0.00	44.79 2.79 0.00	64.46 2.77 -23.39	56.77 3.21 -13.01	63.24 3.77 -15.38	52.90 4.30 -0.65	53.96 4.45 0.00	64.48 5.24 -0.01	89.71 7.37 0.00	88.32 7.63 0.00	208.73 17.66 0.00	182.52 14.96 0.00	126.51 9.79 0.00	82.99 6.13 0.01	86.76 5.39 0.24	66.14 4.05 0.00	63.15 3.65 0.00
BETHLEHEM___GRP 23843	45.95 0.32 0.00	40.43 0.43 0.00	40.11 0.55 0.00	38.71 0.52 0.00	36.04 0.57 0.00	36.64 0.61 0.00	40.72 0.54 0.00	39.00 0.71 0.00	42.59 0.59 0.00	38.83 0.53 0.00	41.14 0.58 0.00	44.60 0.51 0.00	48.68 0.72 0.00	50.38 0.87 0.00	60.36 1.13 0.00	83.92 1.58 0.00	82.01 1.33 0.00	194.43 3.36 0.00	170.59 3.03 0.00	118.65 1.92 0.00	77.98 1.10 0.00	82.10 0.49 0.00	62.43 0.34 0.00	59.70 0.20 0.00
BETHLEHEM___GS1 323560	45.95 0.32 0.00	40.42 0.43 0.00	40.11 0.55 0.00	38.71 0.52 0.00	36.04 0.57 0.00	36.64 0.61 0.00	40.72 0.54 0.00	39.00 0.71 0.00	42.59 0.59 0.00	38.83 0.53 0.00	41.13 0.58 0.00	44.60 0.52 0.00	48.68 0.72 0.00	50.38 0.87 0.00	60.36 1.13 0.00	83.92 1.58 0.00	82.01 1.33 0.00	194.43 3.36 0.00	170.59 3.03 0.00	118.65 1.92 0.00	77.98 1.10 0.00	82.10 0.49 0.00	62.44 0.34 0.00	59.70 0.20 0.00
BETHLEHEM___GS2 323561	45.95 0.32 0.00	40.42 0.43 0.00	40.11 0.55 0.00	38.71 0.52 0.00	36.04 0.57 0.00	36.64 0.61 0.00	40.72 0.54 0.00	39.00 0.71 0.00	42.59 0.59 0.00	38.83 0.53 0.00	41.13 0.58 0.00	44.60 0.52 0.00	48.68 0.72 0.00	50.38 0.87 0.00	60.36 1.13 0.00	83.92 1.58 0.00	82.01 1.33 0.00	194.43 3.36 0.00	170.59 3.03 0.00	118.65 1.92 0.00	77.98 1.10 0.00	82.10 0.49 0.00	62.44 0.34 0.00	59.70 0.20 0.00
BETHLEHEM___GS3 323562	45.95 0.32 0.00	40.42 0.43 0.00	40.11 0.55 0.00	38.71 0.52 0.00	36.04 0.57 0.00	36.64 0.61 0.00	40.72 0.54 0.00	39.00 0.71 0.00	42.59 0.59 0.00	38.83 0.53 0.00	41.13 0.58 0.00	44.60 0.52 0.00	48.68 0.72 0.00	50.38 0.87 0.00	60.36 1.13 0.00	83.92 1.58 0.00	82.01 1.33 0.00	194.43 3.36 0.00	170.59 3.03 0.00	118.65 1.92 0.00	77.98 1.10 0.00	82.10 0.49 0.00	62.44 0.34 0.00	59.70 0.20 0.00
BETHLEHEM___STEEL 23779	45.17 -0.47 0.00	39.29 -0.70 0.00	38.74 -0.81 0.00	37.25 -0.94 0.00	34.41 -1.06 0.00	34.92 -1.11 0.00	38.88 -1.30 0.00	37.30 -0.99 0.00	40.98 -1.02 0.00	36.88 -1.42 0.00	38.69 -1.86 0.00	41.93 -2.16 0.00	42.87 -2.47 2.62	46.79 -2.72 0.00	49.99 -2.74 6.50	72.72 -4.61 5.02	74.03 -3.75 2.90	181.14 -9.93 0.00	159.09 -8.47 0.00	110.26 -6.47 0.00	68.87 -4.95 3.06	67.57 -6.17 7.86	58.79 -3.31 0.00	57.23 -2.27 0.00
BETHLHEM_115KV_TB1 79974	46.05 0.42 0.00	40.50 0.51 0.00	40.17 0.61 0.00	38.77 0.57 0.00	36.08 0.61 0.00	36.68 0.65 0.00	40.78 0.60 0.00	39.04 0.76 0.00	42.66 0.66 0.00	38.90 0.60 0.00	41.21 0.66 0.00	44.71 0.62 0.00	48.79 0.84 0.00	50.49 0.97 0.00	60.49 1.27 0.00	84.09 1.75 0.00	82.17 1.49 0.00	194.79 3.72 0.00	170.90 3.34 0.00	118.87 2.14 0.00	78.12 1.25 0.00	82.27 0.67 0.00	62.60 0.50 0.00	59.85 0.35 0.00
BETHPAGE_CC_5 323564	47.30 1.66 0.00	42.19 2.20 0.00	41.83 2.27 0.00	40.30 2.11 0.00	37.52 2.05 0.00	38.09 2.06 0.00	42.33 2.16 0.00	40.57 2.28 0.00	44.47 2.46 0.00	64.00 2.39 -23.30	56.55 3.03 -12.96	63.11 3.44 -15.59	53.94 4.20 -1.78	53.57 3.95 -0.10	63.55 4.32 0.00	88.52 6.18 0.00	87.13 6.45 0.00	206.06 14.99 0.00	181.36 12.82 -0.98	124.86 8.13 0.00	79.50 5.09 2.47	83.35 4.50 2.76	63.85 3.15 1.40	66.21 2.98 -3.73
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	45.24 -0.40 0.00	39.36 -0.63 0.00	38.79 -0.76 0.00	37.29 -0.90 0.00	34.45 -1.02 0.00	34.96 -1.07 0.00	38.92 -1.25 0.00	37.34 -0.94 0.00	41.03 -0.97 0.00	36.97 -1.34 0.00	38.78 -1.77 0.00	42.06 -2.03 0.00	43.17 -2.32 2.47	46.94 -2.57 0.00	50.56 -2.53 6.13	73.28 -4.33 4.73	74.51 -3.44 2.73	181.77 -9.30 0.00	159.67 -7.89 0.00	110.67 -6.05 0.00	69.09 -4.68 3.10	67.94 -5.91 7.76	58.98 -3.12 0.00	57.35 -2.16 0.00
BINGHAMTON___COGEN 23790	45.89 0.26 0.00	40.12 0.13 0.00	39.64 0.08 -0.01	38.23 0.05 0.00	35.47 0.00 0.00	36.02 -0.01 0.00	40.13 -0.04 0.00	38.43 0.14 0.00	42.06 0.06 0.00	38.32 0.01 0.00	40.44 -0.11 0.00	44.15 0.07 0.00	48.12 0.17 0.00	49.64 0.12 0.00	59.80 0.26 -0.32	84.34 0.26 -1.74	83.99 0.34 -2.97	195.41 0.47 -3.87	168.46 0.41 -0.49	117.15 0.17 -0.26	75.60 -0.20 1.08	80.07 -0.75 0.79	62.24 -0.23 -0.37	59.67 -0.29 -0.47

BIXINCNT_115KV_LOAD 355685	45.52 -0.11 0.00	39.51 -0.48 0.00	38.95 -0.60 0.00	37.43 -0.76 0.00	34.53 -0.94 0.00	35.11 -0.92 0.00	38.99 -1.18 0.00	37.47 -0.82 0.00	41.24 -0.77 0.00	37.26 -1.04 0.00	39.11 -1.44 0.00	42.25 -1.83 0.00	43.94 -2.35 1.67	46.76 -2.75 0.00	52.40 -2.69 4.14	74.68 -4.46 3.20	75.86 -2.97 1.85	181.43 -9.64 0.00	160.07 -7.48 0.00	111.34 -5.39 0.00	69.28 -4.23 3.37	69.15 -5.18 7.27	59.52 -2.58 0.00	57.73 -1.76 0.00
BLACK RIVER___HYD 24047	48.41 2.78 0.00	42.25 2.26 0.00	41.71 2.13 -0.03	40.15 1.97 0.00	37.21 1.74 0.00	37.76 1.73 0.00	42.12 1.94 0.00	40.20 1.91 0.00	44.10 2.10 0.00	39.95 1.64 0.00	42.43 1.87 0.00	46.15 2.07 0.00	50.11 2.16 0.00	50.94 1.43 0.00	61.81 1.96 -0.61	87.56 1.83 -3.38	87.79 1.34 -5.77	203.78 5.19 -7.52	175.06 6.56 -0.95	123.96 6.73 -0.50	81.85 4.52 -0.46	88.22 4.83 -1.78	66.43 3.60 -0.73	63.77 3.37 -0.91
BLACKRVR_115KV_TB2 79977	48.41 2.78 0.00	42.25 2.26 0.00	41.71 2.13 -0.03	40.16 1.97 0.00	37.21 1.74 0.00	37.76 1.73 0.00	42.12 1.95 0.00	40.20 1.92 0.00	44.10 2.10 0.00	39.94 1.64 0.00	42.43 1.87 0.00	46.15 2.07 0.00	50.11 2.16 0.00	50.95 1.43 0.00	61.81 1.97 -0.61	87.56 1.84 -3.38	87.80 1.35 -5.77	203.79 5.20 -7.52	175.06 6.55 -0.95	123.96 6.73 -0.50	81.85 4.52 -0.46	88.23 4.85 -1.78	66.42 3.60 -0.73	63.78 3.37 -0.91
BLDWN_LI_69_KV_BK4 356085	47.74 2.10 0.00	42.44 2.45 0.00	42.05 2.49 0.00	40.46 2.27 0.00	37.66 2.19 0.00	38.23 2.20 0.00	42.47 2.29 0.00	40.71 2.43 0.00	44.66 2.66 0.00	64.21 2.60 -23.30	56.78 3.26 -12.96	63.40 3.73 -15.59	54.24 4.50 -1.78	54.06 4.30 -0.24	64.05 4.82 0.00	89.04 6.70 0.00	87.71 7.03 0.00	207.40 16.33 0.00	181.60 14.04 0.00	125.84 9.10 -0.01	90.82 5.80 -8.14	95.07 5.34 -8.12	80.30 3.91 -14.30	92.91 3.94 -29.47
BLISS_WT_PWR 323608	45.51 -0.13 0.00	39.47 -0.52 0.00	38.92 -0.63 0.00	37.39 -0.80 0.00	34.48 -0.99 0.00	35.07 -0.96 0.00	38.92 -1.26 0.00	37.41 -0.87 0.00	41.21 -0.79 0.00	37.25 -1.05 0.00	39.11 -1.45 0.00	42.17 -1.91 0.00	43.80 -2.49 1.67	46.57 -2.95 0.00	52.20 -2.89 4.14	74.43 -4.71 3.20	75.79 -3.04 1.85	180.89 -10.18 0.00	159.76 -7.80 0.00	111.21 -5.51 0.00	69.19 -4.32 3.37	68.99 -5.34 7.27	59.49 -2.61 0.00	57.71 -1.79 0.00
BLUESTONE___WT_PWR 323821	47.05 1.41 0.00	41.40 1.40 0.00	40.93 1.36 -0.01	39.60 1.41 0.00	36.77 1.30 0.00	37.53 1.50 0.00	41.78 1.61 0.00	40.06 1.78 0.00	43.96 1.96 0.00	40.11 1.81 0.00	42.32 1.77 0.00	46.16 2.08 0.00	50.36 2.41 0.00	51.84 2.32 0.00	60.87 1.36 -0.28	86.59 2.72 -1.53	85.52 2.23 -2.61	199.87 5.40 -3.40	169.38 1.39 -0.43	119.92 2.96 -0.23	80.37 1.94 -1.56	82.86 1.68 0.43	64.14 1.71 -0.33	61.85 1.94 -0.41
BLUE_CIRC_CHEM_DRP 24182	46.53 0.90 0.00	40.90 0.91 0.00	40.54 0.98 0.00	39.13 0.94 0.00	36.40 0.93 0.00	37.00 0.96 0.00	41.15 0.98 0.00	39.36 1.07 0.00	42.95 0.95 0.00	39.12 0.81 0.00	41.39 0.83 0.00	44.92 0.84 0.00	49.01 1.05 0.00	50.69 1.18 0.00	60.82 1.59 0.00	84.55 2.21 0.00	82.48 1.80 0.00	195.51 4.43 0.00	171.76 4.20 0.00	119.65 2.92 0.00	78.71 1.83 0.00	82.95 1.34 0.00	63.15 1.06 0.00	60.44 0.94 0.00
BOC_GAS_DRP 24189	46.23 0.59 0.00	40.62 0.63 0.00	40.26 0.70 0.00	38.83 0.64 0.00	36.14 0.67 0.00	36.73 0.70 0.00	40.85 0.67 0.00	39.09 0.80 0.00	42.77 0.76 0.00	39.01 0.70 0.00	41.33 0.78 0.00	44.90 0.82 0.00	48.98 1.02 0.00	50.65 1.13 0.00	60.66 1.43 0.00	84.29 1.95 0.00	82.45 1.77 0.00	195.19 4.12 0.00	171.20 3.64 0.00	119.10 2.37 0.00	78.33 1.45 0.00	82.53 0.93 0.00	62.85 0.75 0.00	60.14 0.64 0.00
BOONVILLE_115KV_TB1 79983	47.32 1.68 0.00	41.38 1.39 0.00	40.89 1.32 -0.01	39.41 1.23 0.00	36.59 1.12 0.00	37.18 1.15 0.00	41.45 1.27 0.00	39.52 1.24 0.00	43.40 1.39 0.00	39.55 1.25 0.00	41.80 1.25 0.00	45.40 1.32 0.00	49.43 1.47 0.00	50.79 1.28 0.00	60.88 1.47 -0.18	85.33 2.00 -0.99	84.36 1.99 -1.68	198.66 5.40 -2.19	173.25 5.41 -0.28	121.52 4.65 -0.15	80.04 3.02 -0.13	85.14 3.01 -0.52	64.50 2.19 -0.21	61.80 2.04 -0.26
BORALEX_4TH_BRANCH 23824	47.63 2.00 0.00	42.04 2.05 0.00	41.78 2.22 0.00	40.26 2.07 0.00	37.49 2.02 0.00	38.22 2.19 0.00	42.59 2.42 0.00	40.72 2.44 0.00	44.31 2.31 0.00	43.70 1.99 -3.41	44.53 2.08 -1.90	48.30 1.97 -2.24	50.25 2.20 -0.09	51.90 2.39 0.00	62.42 3.19 0.00	86.79 4.44 0.00	84.66 3.98 0.00	200.80 9.73 0.00	176.37 8.81 0.00	122.60 5.88 0.00	80.43 3.55 0.00	84.59 2.98 0.00	64.51 2.41 0.00	61.78 2.28 0.00
BOWLINE___1 23526	47.26 1.63 0.00	41.56 1.57 0.00	41.18 1.63 0.00	39.67 1.48 0.00	36.99 1.52 0.00	37.55 1.51 0.00	41.69 1.52 0.00	40.05 1.76 0.00	43.87 1.87 0.00	6.16 1.84 33.98	23.74 2.10 18.90	24.20 2.47 22.35	49.99 2.97 0.94	52.64 3.12 0.00	63.03 3.81 0.00	87.72 5.38 0.00	86.26 5.58 0.00	203.91 12.84 0.00	178.37 10.80 0.00	123.81 7.08 0.00	81.18 4.31 0.01	84.98 3.62 0.24	64.80 2.70 0.00	61.85 2.35 0.00
BOWLINE___2 23595	47.19 1.55 0.00	41.51 1.52 0.00	41.14 1.58 0.00	39.64 1.45 0.00	36.96 1.49 0.00	37.52 1.49 0.00	41.65 1.48 0.00	40.01 1.73 0.00	43.81 1.81 0.00	6.07 1.78 34.01	23.66 2.03 18.92	24.11 2.40 22.37	49.91 2.89 0.94	52.57 3.06 0.00	62.94 3.71 0.00	87.58 5.24 0.00	86.13 5.45 0.00	203.62 12.55 0.00	178.10 10.54 0.00	123.61 6.89 0.00	81.06 4.19 0.01	84.84 3.48 0.24	64.70 2.60 0.00	61.76 2.26 0.00
BRADY___115KV_TB2 356060	46.87 1.23 0.00	41.02 1.03 0.00	40.52 0.96 0.00	39.14 0.96 0.00	36.28 0.81 0.00	36.83 0.80 0.00	41.14 0.97 0.00	38.88 0.60 0.00	42.85 0.85 0.00	39.00 0.70 0.00	41.17 0.62 0.00	44.81 0.73 0.00	48.24 0.29 0.00	49.51 0.00 0.00	58.85 -0.37 0.00	81.81 -0.54 0.00	80.75 0.07 0.00	191.02 -0.06 0.00	168.15 0.58 0.00	117.63 0.91 0.00	77.94 1.06 0.00	84.16 2.55 0.00	63.94 1.84 0.00	61.45 1.95 0.00
BRANSCOMB___SOLAR 323811	47.98 2.34 0.00	42.16 2.17 0.00	41.74 2.18 0.00	40.21 2.02 0.00	37.39 1.92 0.00	38.05 2.02 0.00	42.40 2.23 0.00	40.53 2.25 0.00	44.28 2.28 0.00	40.25 1.95 0.00	42.58 2.03 0.00	46.07 1.99 0.00	50.06 2.11 0.00	51.95 2.44 0.00	62.37 3.14 0.00	87.22 4.88 0.00	84.65 3.96 0.00	201.31 10.24 0.00	177.92 10.36 0.00	123.70 6.98 0.00	81.30 4.43 0.00	85.55 3.95 0.00	64.91 2.81 0.00	62.05 2.55 0.00
BRDGHMPT_69_KV_BK1 55812	48.02 2.39 0.00	43.02 3.03 0.00	42.67 3.11 0.00	40.95 2.76 0.00	38.34 2.87 0.00	39.00 2.97 0.00	43.58 3.40 0.00	41.52 3.23 0.00	45.78 3.78 0.00	65.41 3.81 -23.30	58.04 4.53 -12.96	64.98 5.31 -15.59	56.48 6.74 -1.78	56.06 6.48 -0.06	66.38 7.14 0.00	92.32 9.97 -0.01	130.28 10.38 -39.22	266.81 24.30 -51.44	320.20 20.77 -131.87	132.27 12.82 -2.73	81.73 7.55 2.69	83.84 6.87 4.64	60.16 4.48 6.42	59.02 4.14 4.62

BRENTWOD_69_KV_W. BRTWOOD 56703	47.59 1.96 0.00	42.66 2.67 0.00	42.32 2.77 0.00	40.70 2.51 0.00	37.87 2.39 0.00	38.47 2.44 0.00	42.76 2.59 0.00	40.94 2.65 0.00	44.95 2.95 0.00	64.40 2.80 -23.30	57.11 3.60 -12.96	63.79 4.12 -15.59	54.72 4.98 -1.78	54.26 4.68 -0.06	64.13 4.90 0.00	89.23 6.89 0.00	93.90 6.57 -6.66	212.36 15.30 -5.99	203.72 13.08 -23.08	125.22 8.50 0.01	77.61 5.67 4.94	80.77 5.02 5.85	59.77 3.59 5.91	59.37 3.66 3.78
BRISTLHL_115KV_TB1 79998	44.91 -0.72 0.00	39.29 -0.70 0.00	38.87 -0.74 -0.06	37.44 -0.75 0.00	34.75 -0.72 0.00	35.28 -0.75 0.00	39.31 -0.87 0.00	37.58 -0.70 0.00	41.22 -0.79 0.00	37.54 -0.76 0.00	39.75 -0.80 0.00	43.26 -0.82 0.00	47.12 -0.84 0.00	48.59 -0.92 0.00	59.70 -0.98 -1.45	88.88 -1.45 -7.99	92.80 -1.50 -13.62	205.30 -3.52 -17.75	167.05 -2.75 -2.24	116.20 -1.71 -1.19	76.71 -1.27 -1.09	84.00 -1.81 -4.21	62.56 -1.26 -1.72	60.35 -1.29 -2.14
BROOKHAVEN___DRP 24191	46.98 1.35 0.00	42.20 2.21 0.00	41.86 2.31 0.00	40.24 2.05 0.00	37.48 2.01 0.00	38.09 2.05 0.00	42.48 2.30 0.00	40.55 2.27 0.00	44.57 2.57 0.00	64.04 2.44 -23.30	56.73 3.21 -12.96	63.41 3.74 -15.59	54.64 4.90 -1.78	54.05 4.48 -0.06	63.86 4.63 0.00	88.98 6.63 -0.01	126.15 6.95 -38.51	257.38 16.15 -50.16	311.37 13.82 -129.99	127.94 8.59 -2.62	79.48 5.35 2.76	81.64 4.75 4.71	58.90 3.23 6.43	57.91 3.05 4.64
BROOKLYN_NAVY_YARD 23515	47.83 2.19 0.00	42.10 2.11 0.00	41.67 2.11 0.00	40.11 1.92 0.00	37.39 1.92 0.00	37.97 1.94 0.00	42.17 2.00 0.00	40.56 2.27 0.00	44.47 2.47 0.00	64.15 2.43 -23.42	56.35 2.78 -13.02	62.72 3.23 -15.40	52.36 3.75 -0.65	53.40 3.89 0.00	63.89 4.66 0.00	88.84 6.50 0.00	87.43 6.75 0.00	206.65 15.58 0.00	180.82 13.26 0.00	125.41 8.68 0.00	82.27 5.40 0.01	86.10 4.73 0.24	65.66 3.56 0.00	62.62 3.12 0.00
BROOKLYN___ARMY_DRP 323595	47.87 2.23 0.00	42.13 2.14 0.00	41.71 2.15 0.00	40.11 1.92 0.00	37.41 1.94 0.00	37.98 1.95 0.00	42.18 2.01 0.00	40.59 2.31 0.00	44.50 2.49 0.00	64.17 2.48 -23.39	56.46 2.90 -13.01	62.87 3.41 -15.38	52.50 3.89 -0.65	53.52 4.00 0.00	63.93 4.70 -0.01	88.92 6.57 0.00	87.53 6.85 0.00	206.89 15.82 0.00	180.91 13.34 0.00	125.44 8.71 0.00	82.27 5.41 0.01	86.00 4.62 0.24	65.57 3.47 0.00	62.61 3.11 0.00
BROOME_2_LFGE 323671	45.89 0.26 0.00	40.12 0.13 0.00	39.64 0.07 -0.01	38.23 0.05 0.00	35.47 0.00 0.00	36.02 -0.01 0.00	40.13 -0.04 0.00	38.43 0.14 0.00	42.06 0.06 0.00	38.32 0.01 0.00	40.44 -0.11 0.00	44.14 0.06 0.00	48.12 0.17 0.00	49.64 0.12 0.00	59.80 0.25 -0.32	84.34 0.26 -1.74	83.99 0.34 -2.97	195.40 0.45 -3.87	168.45 0.39 -0.49	117.15 0.17 -0.26	75.60 -0.19 1.08	80.06 -0.76 0.79	62.24 -0.23 -0.37	59.68 -0.29 -0.47
BROOME___LFGE 323600	45.89 0.26 0.00	40.12 0.13 0.00	39.64 0.07 -0.01	38.23 0.05 0.00	35.47 0.00 0.00	36.02 -0.01 0.00	40.13 -0.04 0.00	38.43 0.14 0.00	42.06 0.06 0.00	38.32 0.01 0.00	40.44 -0.11 0.00	44.14 0.06 0.00	48.12 0.17 0.00	49.64 0.12 0.00	59.80 0.25 -0.32	84.34 0.26 -1.74	83.99 0.34 -2.97	195.40 0.45 -3.87	168.45 0.39 -0.49	117.15 0.17 -0.26	75.60 -0.19 1.08	80.06 -0.76 0.79	62.24 -0.23 -0.37	59.68 -0.29 -0.47
BROWNFLS_115KV_TB_3_5 80003	47.20 1.56 0.00	41.26 1.28 0.00	40.76 1.19 -0.01	39.32 1.13 0.00	36.46 0.99 0.00	37.01 0.98 0.00	41.32 1.15 0.00	39.20 0.92 0.00	43.09 1.09 0.00	39.22 0.92 0.00	41.47 0.91 0.00	45.06 0.97 0.00	48.78 0.83 0.00	49.89 0.37 0.00	59.84 0.37 -0.25	84.00 0.29 -1.37	83.47 0.46 -2.33	195.72 1.61 -3.04	170.44 2.50 -0.38	119.79 2.86 -0.20	79.14 2.07 -0.19	85.22 2.90 -0.72	64.46 2.07 -0.29	61.98 2.12 -0.37
BROWNSV1_27_KV_LOAD 356125	48.51 2.88 0.00	42.67 2.68 0.00	42.22 2.67 0.00	40.63 2.44 0.00	37.87 2.39 0.00	38.44 2.41 0.00	42.70 2.52 0.00	41.06 2.77 0.00	45.04 3.04 0.00	64.68 2.96 -23.42	56.93 3.35 -13.02	63.39 3.91 -15.40	53.14 4.53 -0.65	54.17 4.66 0.00	64.85 5.62 0.00	90.22 7.87 0.00	88.76 8.08 0.00	209.80 18.73 0.00	183.56 16.00 0.00	127.34 10.61 0.00	83.50 6.64 0.01	87.40 6.03 0.24	66.65 4.55 0.00	63.57 4.07 0.00
BURROWS___LYONSDAL 23803	47.42 1.79 0.00	41.48 1.49 0.00	40.98 1.41 -0.01	39.49 1.30 0.00	36.66 1.19 0.00	37.24 1.21 0.00	41.52 1.34 0.00	39.59 1.30 0.00	43.43 1.43 0.00	39.58 1.28 0.00	41.83 1.27 0.00	45.40 1.32 0.00	49.40 1.44 0.00	50.66 1.14 0.00	60.83 1.39 -0.21	85.33 1.80 -1.19	84.50 1.80 -2.03	198.76 5.05 -2.64	173.18 5.29 -0.33	121.65 4.75 -0.18	80.14 3.10 -0.16	85.41 3.18 -0.63	64.65 2.30 -0.26	62.00 2.18 -0.32
CAITHNESS_CC_1 323624	46.95 1.32 0.00	42.17 2.18 0.00	41.85 2.29 0.00	40.23 2.04 0.00	37.45 1.98 0.00	38.07 2.04 0.00	42.43 2.26 0.00	40.51 2.23 0.00	44.53 2.52 0.00	63.98 2.38 -23.30	56.68 3.17 -12.96	63.35 3.68 -15.59	54.54 4.80 -1.78	53.87 4.30 -0.06	63.71 4.47 0.00	88.82 6.47 -0.01	125.20 6.72 -37.80	255.51 15.56 -48.88	308.96 13.30 -128.10	127.51 8.27 -2.51	79.21 5.15 2.82	81.43 4.61 4.78	58.66 3.00 6.44	57.49 2.65 4.66
CALPINE BETH_PAGE_GT4 24209	47.24 1.61 0.00	42.11 2.12 0.00	41.76 2.20 0.00	40.29 2.10 0.00	37.50 2.02 0.00	38.08 2.05 0.00	42.31 2.14 0.00	40.55 2.26 0.00	44.38 2.37 0.00	63.93 2.33 -23.30	56.47 2.96 -12.96	63.06 3.39 -15.59	53.88 4.14 -1.78	53.60 3.97 -0.12	63.55 4.32 0.00	88.46 6.12 0.00	87.12 6.44 0.00	206.05 14.98 0.00	181.05 12.76 -0.73	124.82 8.09 0.00	80.95 5.09 1.02	84.80 4.47 1.27	66.09 3.22 -0.78	70.09 3.21 -7.38
CALPINE_BETH_PAGE_GT_4 323586	47.24 1.61 0.00	42.11 2.12 0.00	41.75 2.19 0.00	40.28 2.10 0.00	37.50 2.02 0.00	38.08 2.05 0.00	42.31 2.14 0.00	40.55 2.26 0.00	44.38 2.37 0.00	63.93 2.32 -23.30	56.49 2.97 -12.96	63.05 3.39 -15.59	53.88 4.14 -1.78	53.54 3.91 -0.12	63.55 4.32 0.00	88.51 6.17 0.00	87.12 6.44 0.00	206.05 14.97 0.00	181.02 12.73 -0.73	124.81 8.09 0.00	80.94 5.09 1.02	84.83 4.50 1.27	66.00 3.12 -0.78	69.79 2.91 -7.38
CALPINE_BP_GT1 23823	47.24 1.61 0.00	42.11 2.12 0.00	41.75 2.19 0.00	40.28 2.10 0.00	37.50 2.02 0.00	38.08 2.05 0.00	42.31 2.14 0.00	40.55 2.26 0.00	44.38 2.37 0.00	63.93 2.32 -23.30	56.49 2.97 -12.96	63.05 3.39 -15.59	53.88 4.14 -1.78	53.54 3.91 -0.12	63.55 4.32 0.00	88.51 6.17 0.00	87.12 6.44 0.00	206.05 14.97 0.00	181.02 12.73 -0.73	124.81 8.09 0.00	80.94 5.09 1.02	84.83 4.50 1.27	66.00 3.12 -0.78	69.79 2.91 -7.38
CALSPAN___DRP 24200	45.17 -0.47 0.00	39.29 -0.70 0.00	38.74 -0.81 0.00	37.25 -0.94 0.00	34.41 -1.06 0.00	34.92 -1.11 0.00	38.88 -1.30 0.00	37.30 -0.99 0.00	40.98 -1.02 0.00	36.88 -1.42 0.00	38.69 -1.86 0.00	41.93 -2.16 0.00	42.87 -2.47 2.62	46.79 -2.72 0.00	49.99 -2.74 6.50	72.72 -4.61 5.02	74.03 -3.75 2.90	181.14 -9.93 0.00	159.09 -8.47 0.00	110.26 -6.47 0.00	68.87 -4.95 3.06	67.57 -6.17 7.86	58.79 -3.31 0.00	57.23 -2.27 0.00

CALVERTON___SOLAR 323806	47.09 1.46 0.00	42.28 2.29 0.00	41.94 2.38 0.00	40.30 2.12 0.00	37.55 2.08 0.00	38.17 2.14 0.00	42.60 2.42 0.00	40.63 2.35 0.00	44.70 2.69 0.00	64.18 2.58 -23.30	56.86 3.34 -12.96	63.56 3.89 -15.59	54.84 5.10 -1.78	54.18 4.61 -0.06	64.12 4.89 0.00	89.45 7.11 -0.01	126.85 7.39 -38.78	258.90 17.19 -50.64	312.99 14.72 -130.71	128.56 9.17 -2.66	79.79 5.64 2.73	81.99 5.08 4.69	58.99 3.32 6.42	57.74 2.88 4.64
CANDIGU_WT_PWR 323617	45.60 -0.03 0.00	39.73 -0.26 0.00	39.10 -0.46 -0.01	37.68 -0.51 0.00	34.89 -0.59 0.00	35.42 -0.61 0.00	39.39 -0.78 0.00	37.70 -0.58 0.00	41.29 -0.71 0.00	37.38 -0.92 0.00	39.28 -1.27 0.00	42.55 -1.53 0.00	31.10 -2.17 14.69	47.35 -2.17 0.00	20.22 -2.68 36.33	51.22 -3.91 27.21	62.36 -3.69 14.62	186.44 -6.77 -2.14	162.19 -5.64 -0.27	112.69 -4.18 -0.14	69.24 -2.84 4.79	74.30 -3.55 3.76	60.15 -2.16 -0.21	57.74 -2.02 -0.26
CARR STREET_E_SYR 24060	45.01 -0.62 0.00	39.37 -0.62 0.00	38.91 -0.67 -0.02	37.51 -0.68 0.00	34.82 -0.65 0.00	35.36 -0.68 0.00	39.38 -0.79 0.00	37.67 -0.62 0.00	41.30 -0.70 0.00	37.62 -0.68 0.00	39.82 -0.74 0.00	43.35 -0.73 0.00	47.24 -0.72 0.00	48.73 -0.79 0.00	58.84 -0.83 -0.44	83.53 -1.25 -2.44	83.62 -1.23 -4.16	193.73 -2.76 -5.42	165.99 -2.26 -0.68	115.61 -1.48 -0.36	76.04 -1.17 -0.33	81.14 -1.76 -1.29	61.44 -1.18 -0.52	58.94 -1.21 -0.66
CARTHAGE___PAPER 23857	48.37 2.74 0.00	42.24 2.25 0.00	41.71 2.13 -0.02	40.17 1.98 0.00	37.25 1.78 0.00	37.82 1.78 0.00	42.17 2.00 0.00	40.18 1.89 0.00	44.10 2.10 0.00	40.01 1.71 0.00	42.39 1.84 0.00	46.08 2.00 0.00	50.01 2.06 0.00	50.92 1.40 0.00	61.60 1.85 -0.52	87.12 1.93 -2.85	87.21 1.66 -4.86	202.95 5.55 -6.34	174.93 6.58 -0.80	123.69 6.54 -0.42	81.69 4.42 -0.39	87.96 4.86 -1.50	66.27 3.56 -0.61	63.65 3.39 -0.77
CASSADAGA_WT_PWR 323784	45.71 0.07 0.00	39.74 -0.25 0.00	39.28 -0.28 0.00	37.58 -0.61 0.00	34.40 -1.07 0.00	35.14 -0.90 0.00	39.28 -0.90 0.00	38.02 -0.27 0.00	41.75 -0.25 0.00	37.85 -0.45 0.00	39.53 -1.02 0.00	42.80 -1.28 0.00	44.23 -1.83 1.89	47.43 -2.09 0.00	52.65 -1.88 4.70	75.97 -2.75 3.62	75.96 -2.62 2.09	183.86 -7.21 0.00	162.64 -4.92 0.00	112.77 -3.96 0.00	70.30 -3.24 3.34	69.80 -4.37 7.43	60.13 -1.97 0.00	58.21 -1.29 0.00
CE_DUNWOOD___DRP 24194	47.61 1.98 0.00	41.91 1.92 0.00	41.51 1.95 0.00	39.97 1.78 0.00	37.25 1.77 0.00	37.83 1.80 0.00	42.02 1.84 0.00	40.37 2.08 0.00	44.24 2.24 0.00	64.84 2.20 -24.34	56.61 2.51 -13.54	63.03 2.93 -16.01	52.07 3.45 -0.67	53.08 3.57 0.00	63.53 4.30 0.00	88.38 6.04 0.00	86.93 6.25 0.00	205.56 14.48 0.00	179.86 12.30 0.00	124.80 8.07 0.00	81.84 4.97 0.01	85.65 4.28 0.24	65.31 3.21 0.00	62.33 2.82 0.00
CE_MILLWOOD___DRP 24193	47.49 1.86 0.00	41.79 1.81 0.00	41.40 1.85 0.00	39.87 1.68 0.00	37.15 1.68 0.00	37.73 1.70 0.00	41.91 1.73 0.00	40.26 1.97 0.00	44.11 2.11 0.00	65.00 2.07 -24.63	56.62 2.37 -13.70	63.05 2.77 -16.20	51.90 3.26 -0.68	52.92 3.40 0.00	63.34 4.11 0.00	88.12 5.78 0.00	86.67 5.99 0.00	204.90 13.83 0.00	179.35 11.79 0.00	124.45 7.72 0.00	81.62 4.76 0.01	85.41 4.04 0.24	65.12 3.03 0.00	62.16 2.66 0.00
CE_NYC2_DRP 24202	47.74 2.11 0.00	42.06 2.07 0.00	41.63 2.08 0.00	40.06 1.87 0.00	37.35 1.88 0.00	37.93 1.90 0.00	42.11 1.93 0.00	40.52 2.23 0.00	44.39 2.38 0.00	64.09 2.40 -23.39	56.32 2.76 -13.01	62.69 3.23 -15.38	52.28 3.68 -0.65	53.25 3.73 0.00	63.62 4.39 0.00	88.48 6.14 0.00	87.10 6.42 0.00	205.90 14.83 0.00	180.08 12.52 0.00	124.83 8.10 0.00	81.90 5.03 0.01	85.65 4.28 0.24	65.32 3.22 0.00	62.36 2.86 0.00
CE_NYC_DRP 24195	47.92 2.28 0.00	42.17 2.18 0.00	41.76 2.21 0.00	40.18 1.99 0.00	37.46 1.99 0.00	38.05 2.02 0.00	42.25 2.08 0.00	40.63 2.35 0.00	44.56 2.56 0.00	64.23 2.51 -23.42	56.45 2.87 -13.03	62.84 3.36 -15.40	52.50 3.89 -0.65	53.53 4.02 0.00	64.03 4.80 0.00	89.04 6.70 0.00	87.62 6.94 0.00	207.05 15.98 0.00	181.11 13.55 0.00	125.61 8.89 0.00	82.39 5.52 0.01	86.23 4.86 0.24	65.74 3.65 0.00	62.73 3.23 0.00
CHAFFEE___LFGE 323603	45.35 -0.29 0.00	39.45 -0.54 0.00	38.90 -0.66 0.00	37.39 -0.80 0.00	34.54 -0.93 0.00	35.05 -0.98 0.00	39.03 -1.14 0.00	37.45 -0.84 0.00	41.15 -0.85 0.00	37.08 -1.22 0.00	38.85 -1.70 0.00	42.15 -1.94 0.00	43.63 -2.18 2.14	47.07 -2.44 0.00	51.54 -2.38 5.31	74.17 -4.08 4.10	75.05 -3.26 2.37	182.24 -8.83 0.00	160.13 -7.42 0.00	110.98 -5.75 0.00	69.17 -4.50 3.21	68.25 -5.79 7.57	59.11 -2.99 0.00	57.47 -2.03 0.00
CHATEAUG_35_KV_LOAD 355732	46.04 0.40 0.00	40.29 0.30 0.00	39.87 0.32 0.00	38.53 0.34 0.00	35.77 0.30 0.00	36.32 0.28 0.00	40.57 0.40 0.00	38.39 0.10 0.00	42.21 0.20 0.00	38.46 0.16 0.00	40.74 0.19 0.00	44.17 0.09 0.00	47.70 -0.26 0.00	49.19 -0.32 0.00	58.38 -0.85 0.00	81.21 -1.13 0.00	79.94 -0.74 0.00	188.67 -2.41 0.00	165.57 -1.99 0.00	115.59 -1.13 0.00	76.52 -0.36 0.00	82.44 0.83 0.00	62.50 0.40 0.00	60.35 0.85 0.00
CHATEAUG_WT_PWR 323614	45.94 0.31 0.00	40.24 0.25 0.00	39.83 0.28 0.00	38.48 0.29 0.00	35.73 0.26 0.00	36.27 0.24 0.00	40.52 0.34 0.00	38.37 0.08 0.00	42.17 0.17 0.00	38.42 0.11 0.00	40.70 0.15 0.00	44.17 0.09 0.00	47.69 -0.27 0.00	49.24 -0.28 0.00	58.44 -0.79 0.00	81.26 -1.08 0.00	79.98 -0.71 0.00	188.75 -2.32 0.00	165.72 -1.84 0.00	115.54 -1.19 0.00	76.36 -0.51 0.00	82.18 0.58 0.00	62.34 0.24 0.00	60.21 0.71 0.00
CHAT_HIGH_FALL_HYD 323578	46.04 0.40 0.00	40.29 0.30 0.00	39.87 0.32 0.00	38.53 0.34 0.00	35.77 0.30 0.00	36.32 0.28 0.00	40.57 0.40 0.00	38.39 0.10 0.00	42.21 0.20 0.00	38.46 0.16 0.00	40.74 0.19 0.00	44.17 0.09 0.00	47.70 -0.26 0.00	49.19 -0.32 0.00	58.38 -0.85 0.00	81.21 -1.13 0.00	79.94 -0.74 0.00	188.67 -2.41 0.00	165.57 -1.99 0.00	115.59 -1.13 0.00	76.52 -0.36 0.00	82.44 0.83 0.00	62.50 0.40 0.00	60.35 0.85 0.00
CHAUTAUQUA___LFGE 323629	45.49 -0.15 0.00	39.52 -0.47 0.00	39.01 -0.54 0.00	37.43 -0.76 0.00	34.43 -1.05 0.00	35.05 -0.98 0.00	39.14 -1.03 0.00	37.73 -0.55 0.00	41.37 -0.63 0.00	37.41 -0.89 0.00	39.13 -1.43 0.00	42.41 -1.67 0.00	43.55 -2.07 2.33	47.20 -2.31 0.00	51.31 -2.13 5.78	74.53 -3.35 4.46	75.07 -3.03 2.58	182.73 -8.34 0.00	161.13 -6.43 0.00	111.67 -5.06 0.00	69.68 -3.99 3.21	68.87 -5.08 7.66	59.61 -2.49 0.00	57.72 -1.78 0.00
CHERRYST_13_KV_LD 356241	48.06 2.42 0.00	42.31 2.32 0.00	41.88 2.33 0.00	40.31 2.13 0.00	37.58 2.11 0.00	38.15 2.12 0.00	42.39 2.22 0.00	40.77 2.48 0.00	44.72 2.71 0.00	64.38 2.65 -23.42	56.60 3.02 -13.03	63.03 3.55 -15.40	52.69 4.09 -0.65	53.73 4.22 0.00	64.28 5.06 0.00	89.38 7.04 0.00	87.94 7.26 0.00	207.84 16.77 0.00	181.79 14.23 0.00	126.08 9.35 0.00	82.68 5.82 0.01	86.53 5.17 0.24	65.98 3.89 0.00	62.94 3.44 0.00

CHESTROR_138KV_BK263 355645	47.12 1.49 0.00	41.40 1.41 0.00	41.00 1.45 0.00	39.50 1.31 0.00	36.79 1.32 0.00	37.36 1.33 0.00	41.52 1.34 0.00	39.85 1.56 0.00	43.66 1.66 0.00	18.18 1.63 21.75	30.31 1.86 12.10	31.94 2.17 14.31	49.93 2.58 0.60	52.25 2.74 0.00	62.55 3.33 0.00	87.15 4.81 0.00	85.62 4.94 0.00	202.51 11.44 0.00	177.44 9.88 0.00	123.18 6.46 0.00	80.82 3.95 0.01	84.62 3.27 0.25	64.54 2.44 0.00	61.62 2.12 0.00
CH_MIDHUDSON___DRP 24192	47.49 1.86 0.00	41.76 1.77 0.00	41.35 1.80 0.00	39.82 1.64 0.00	37.09 1.62 0.00	37.67 1.64 0.00	41.88 1.71 0.00	40.20 1.92 0.00	44.05 2.05 0.00	40.33 2.02 0.00	42.86 2.31 0.00	46.72 2.64 0.00	51.07 3.12 0.00	52.79 3.28 0.00	63.24 4.01 0.00	88.05 5.70 0.00	86.55 5.86 0.00	204.81 13.74 0.00	179.48 11.91 0.00	124.55 7.82 0.00	81.70 4.83 0.01	85.48 4.11 0.23	65.11 3.02 0.00	62.12 2.62 0.00
CH_MISC_IPPS 23765	47.83 2.19 0.00	42.03 2.04 0.00	41.61 2.05 0.00	40.05 1.87 0.00	37.31 1.84 0.00	37.89 1.86 0.00	42.12 1.95 0.00	40.44 2.15 0.00	44.33 2.32 0.00	40.59 2.29 0.00	43.16 2.61 0.00	47.09 3.01 0.00	51.50 3.55 0.00	53.23 3.72 0.00	63.78 4.56 0.00	88.87 6.53 0.00	87.38 6.70 0.00	206.80 15.73 0.00	181.24 13.68 0.00	125.74 9.01 0.00	82.44 5.57 0.01	86.24 4.87 0.23	65.66 3.57 0.00	62.59 3.09 0.00
CH_RES_BVR_FALLS 23983	45.66 0.02 0.00	40.00 0.01 0.00	39.56 0.00 0.00	38.16 -0.04 0.00	35.44 -0.04 0.00	35.99 -0.04 0.00	40.17 0.00 0.00	38.20 -0.09 0.00	41.93 -0.07 0.00	38.26 -0.05 0.00	40.47 -0.08 0.00	43.93 -0.15 0.00	47.65 -0.31 0.00	49.12 -0.39 0.00	58.75 -0.48 0.00	81.77 -0.57 0.00	80.37 -0.32 0.00	190.18 -0.89 0.00	166.73 -0.83 0.00	116.19 -0.54 0.00	76.59 -0.29 0.00	81.65 0.04 0.00	62.12 0.02 0.00	59.60 0.10 0.00
CH_RES_NIAGARA 23895	43.89 -1.75 0.00	38.23 -1.76 0.00	37.70 -1.86 0.00	36.23 -1.96 0.00	33.54 -1.93 0.00	34.03 -2.00 0.00	37.85 -2.32 0.00	36.28 -2.01 0.00	39.87 -2.13 0.00	35.74 -2.56 0.00	37.48 -3.07 0.00	40.56 -3.52 0.00	41.99 -3.94 2.02	45.30 -4.21 0.00	49.51 -4.69 5.02	70.50 -7.97 3.88	71.70 -6.75 2.24	173.70 -17.38 0.00	151.99 -15.57 0.00	105.23 -11.49 0.00	65.88 -8.28 2.72	63.05 -9.66 8.90	56.43 -5.67 0.00	55.27 -4.23 0.00
CH_RES_SYRACUSE 23985	45.54 -0.09 0.00	39.81 -0.18 0.00	39.35 -0.25 -0.03	37.94 -0.25 0.00	35.21 -0.27 0.00	35.75 -0.28 0.00	39.82 -0.36 0.00	38.10 -0.19 0.00	41.74 -0.26 0.00	38.01 -0.29 0.00	40.27 -0.29 0.00	43.87 -0.21 0.00	47.75 -0.21 0.00	49.22 -0.29 0.00	59.83 -0.22 -0.81	86.47 -0.35 -4.47	87.98 -0.33 -7.63	200.36 -0.66 -9.94	168.35 -0.46 -1.26	117.28 -0.10 -0.66	77.21 -0.27 -0.61	83.19 -0.77 -2.36	62.60 -0.46 -0.96	60.17 -0.53 -1.20
CLINTON_WT_PWR 323605	45.94 0.31 0.00	40.24 0.25 0.00	39.83 0.28 0.00	38.48 0.29 0.00	35.73 0.26 0.00	36.27 0.24 0.00	40.52 0.34 0.00	38.37 0.08 0.00	42.17 0.17 0.00	38.42 0.11 0.00	40.70 0.15 0.00	44.17 0.09 0.00	47.69 -0.27 0.00	49.24 -0.28 0.00	58.44 -0.79 0.00	81.26 -1.08 0.00	79.98 -0.71 0.00	188.75 -2.32 0.00	165.72 -1.84 0.00	115.54 -1.19 0.00	76.36 -0.51 0.00	82.18 0.58 0.00	62.34 0.24 0.00	60.21 0.71 0.00
CLINTON___LFGE 323618	46.51 0.88 0.00	40.73 0.74 0.00	40.30 0.74 0.00	38.90 0.71 0.00	36.14 0.66 0.00	36.68 0.64 0.00	40.96 0.78 0.00	38.78 0.49 0.00	42.61 0.61 0.00	38.78 0.47 0.00	41.14 0.58 0.00	44.59 0.51 0.00	48.08 0.12 0.00	49.70 0.19 0.00	58.82 -0.41 0.00	81.72 -0.63 0.00	80.42 -0.26 0.00	189.38 -1.69 0.00	166.71 -0.85 0.00	116.62 -0.11 0.00	77.04 0.17 0.00	83.04 1.44 0.00	62.91 0.81 0.00	60.87 1.37 0.00
COBBLENY_34_KV_TB1 80064	45.35 -0.29 0.00	39.45 -0.54 0.00	38.90 -0.66 0.00	37.39 -0.80 0.00	34.54 -0.93 0.00	35.05 -0.98 0.00	39.03 -1.14 0.00	37.45 -0.84 0.00	41.15 -0.85 0.00	37.07 -1.23 0.00	38.84 -1.71 0.00	42.14 -1.94 0.00	43.60 -2.22 2.14	47.06 -2.45 0.00	51.52 -2.40 5.31	74.13 -4.11 4.10	75.06 -3.26 2.37	182.22 -8.85 0.00	160.14 -7.43 0.00	110.98 -5.75 0.00	69.16 -4.51 3.21	68.33 -5.71 7.57	59.11 -2.99 0.00	57.46 -2.04 0.00
COFFEEN___115KV_TB3 355620	48.72 3.09 0.00	42.50 2.51 0.00	41.96 2.38 -0.03	40.40 2.21 0.00	37.43 1.96 0.00	37.98 1.95 0.00	42.34 2.16 0.00	40.44 2.16 0.00	44.42 2.42 0.00	40.15 1.84 0.00	42.69 2.14 0.00	46.48 2.39 0.00	50.50 2.55 0.00	51.20 1.69 0.00	62.17 2.31 -0.63	87.96 2.14 -3.48	88.11 1.50 -5.93	204.65 5.85 -7.73	175.80 7.26 -0.98	124.81 7.56 -0.52	82.48 5.13 -0.48	88.93 5.49 -1.83	66.94 4.10 -0.75	64.22 3.79 -0.93
COLDSPRG_115KV_BK1 355956	46.23 0.59 0.00	40.16 0.17 0.00	39.64 0.08 0.00	38.04 -0.14 0.00	35.02 -0.45 0.00	35.65 -0.38 0.00	39.76 -0.42 0.00	38.33 0.04 0.00	42.06 0.05 0.00	38.17 -0.13 0.00	39.91 -0.65 0.00	43.37 -0.71 0.00	45.74 -1.02 1.20	48.32 -1.20 0.00	55.34 -0.91 2.98	78.32 -1.72 2.30	78.01 -1.34 1.33	186.59 -4.49 0.00	164.41 -3.15 0.00	114.03 -2.69 0.00	70.88 -2.46 3.54	71.13 -3.40 7.07	60.78 -1.31 0.00	58.72 -0.77 0.00
COLONIE_LFGE___ 323577	47.20 1.56 0.00	41.51 1.52 0.00	41.16 1.61 0.00	39.67 1.48 0.00	36.92 1.45 0.00	37.57 1.54 0.00	41.82 1.65 0.00	39.99 1.70 0.00	43.69 1.69 0.00	39.80 1.50 0.00	42.14 1.58 0.00	45.63 1.55 0.00	49.75 1.79 0.00	51.51 1.99 0.00	61.81 2.59 0.00	86.03 3.69 0.00	83.90 3.22 0.00	199.14 8.07 0.00	175.01 7.45 0.00	121.75 5.03 0.00	79.96 3.08 0.00	84.17 2.56 0.00	64.02 1.92 0.00	61.24 1.74 0.00
COOPERNY_115KV_TB1 80082	46.72 1.09 0.00	41.01 1.02 0.00	40.59 1.03 0.00	39.10 0.91 0.00	36.40 0.94 0.00	36.97 0.94 0.00	41.09 0.92 0.00	39.40 1.11 0.00	43.17 1.17 0.00	29.22 1.17 10.25	36.19 1.34 5.70	38.92 1.58 6.74	49.57 1.90 0.28	51.53 2.01 0.00	61.66 2.43 0.00	85.83 3.49 0.00	84.26 3.58 0.00	199.29 8.22 0.00	174.62 7.06 0.00	121.34 4.62 0.00	79.65 2.79 0.01	83.53 2.22 0.29	63.78 1.68 0.00	60.97 1.47 0.00
COPENHAGEN_WT_PWR 323753	48.06 2.43 0.00	41.96 1.97 0.00	41.41 1.83 -0.03	39.87 1.68 0.00	36.95 1.48 0.00	37.51 1.48 0.00	41.82 1.65 0.00	39.93 1.64 0.00	43.72 1.72 0.00	39.67 1.37 0.00	42.14 1.59 0.00	45.76 1.68 0.00	49.63 1.68 0.00	50.56 1.04 0.00	61.43 1.54 -0.66	87.39 1.40 -3.65	87.89 0.99 -6.21	203.42 4.25 -8.10	174.14 5.56 -1.02	123.08 5.81 -0.54	81.19 3.82 -0.50	87.50 3.98 -1.92	65.89 3.01 -0.78	63.33 2.85 -0.98
CORNELL_____ 23752	46.64 1.01 0.00	40.76 0.77 0.00	40.24 0.66 -0.02	38.81 0.62 0.00	36.01 0.54 0.00	36.56 0.53 0.00	40.75 0.58 0.00	39.00 0.71 0.00	42.66 0.66 0.00	38.68 0.38 0.00	40.91 0.35 0.00	44.69 0.61 0.00	49.53 0.65 -0.92	50.05 0.53 0.00	62.47 0.54 -2.70	87.73 1.20 -4.19	86.75 0.87 -5.19	199.31 2.77 -5.46	170.78 2.52 -0.69	119.43 2.33 -0.37	91.10 1.41 -12.82	82.70 1.01 -0.08	63.54 0.91 -0.53	60.88 0.72 -0.66

CORONA_69_KV_TB1 355595	47.84 2.21 0.00	42.47 2.48 0.00	42.07 2.52 0.00	40.47 2.28 0.00	37.67 2.20 0.00	38.25 2.22 0.00	42.50 2.32 0.00	40.75 2.46 0.00	44.72 2.71 0.00	64.26 2.65 -23.30	56.79 3.28 -12.96	63.45 3.78 -15.59	54.32 4.59 -1.78	54.49 4.57 -0.41	64.37 5.14 0.00	89.67 7.32 -0.01	88.13 7.45 0.00	208.32 17.25 0.00	182.39 14.83 0.00	126.43 9.68 -0.02	105.56 6.12 -22.57	110.00 5.49 -22.91	101.11 4.03 -34.98	125.28 3.93 -61.86
CORTLAND_115KV_TB3 80093	46.14 0.50 0.00	40.36 0.36 0.00	39.87 0.30 -0.02	38.45 0.26 0.00	35.68 0.21 0.00	36.24 0.21 0.00	40.38 0.20 0.00	38.60 0.32 0.00	42.31 0.31 0.00	38.50 0.19 0.00	40.66 0.11 0.00	44.39 0.30 0.00	48.34 0.39 0.00	49.87 0.36 0.00	60.04 0.35 -0.46	85.41 0.53 -2.54	85.54 0.52 -4.33	198.23 1.52 -5.65	169.73 1.46 -0.71	118.36 1.26 -0.38	81.29 0.72 -3.70	82.60 0.26 -0.72	62.99 0.35 -0.55	60.40 0.22 -0.68
COXSACKIE___GT 23611	48.24 2.60 0.00	42.32 2.33 0.00	41.90 2.35 0.00	40.40 2.21 0.00	37.56 2.09 0.00	38.16 2.13 0.00	42.46 2.28 0.00	40.66 2.38 0.00	44.35 2.35 0.00	40.24 1.93 0.00	42.64 2.09 0.00	46.15 2.06 0.00	50.38 2.42 0.00	52.33 2.81 0.00	62.92 3.69 0.00	87.77 5.43 0.00	86.00 5.32 0.00	204.08 13.00 0.00	180.51 12.95 0.00	125.46 8.74 0.00	82.41 5.53 0.01	86.43 5.02 0.19	65.71 3.62 0.00	62.57 3.08 0.00
CPV_VALLEY___CC1 323721	46.75 1.12 0.00	41.08 1.09 0.00	40.70 1.14 0.00	39.20 1.01 0.00	36.53 1.06 0.00	37.09 1.07 0.00	41.21 1.03 0.00	39.54 1.26 0.00	43.32 1.32 0.00	25.31 1.32 14.31	34.10 1.51 7.96	36.45 1.78 9.41	49.72 2.16 0.40	51.80 2.29 0.00	62.00 2.77 0.00	86.31 3.96 0.00	84.75 4.07 0.00	200.47 9.39 0.00	175.57 8.01 0.00	121.93 5.20 0.00	80.02 3.15 0.01	83.81 2.47 0.27	63.97 1.88 0.00	61.10 1.60 0.00
CPV_VALLEY___CC2 323722	46.75 1.12 0.00	41.08 1.09 0.00	40.70 1.14 0.00	39.20 1.01 0.00	36.53 1.06 0.00	37.09 1.07 0.00	41.21 1.03 0.00	39.54 1.26 0.00	43.32 1.32 0.00	25.31 1.32 14.31	34.10 1.51 7.96	36.45 1.78 9.41	49.72 2.16 0.40	51.80 2.29 0.00	62.00 2.77 0.00	86.31 3.96 0.00	84.75 4.07 0.00	200.47 9.39 0.00	175.57 8.01 0.00	121.93 5.20 0.00	80.02 3.15 0.01	83.81 2.47 0.27	63.97 1.88 0.00	61.10 1.60 0.00
CRESCENT___HYD 24018	47.20 1.56 0.00	41.51 1.52 0.00	41.16 1.61 0.00	39.67 1.48 0.00	36.92 1.45 0.00	37.57 1.54 0.00	41.82 1.65 0.00	39.99 1.70 0.00	43.69 1.69 0.00	39.80 1.50 0.00	42.14 1.58 0.00	45.63 1.55 0.00	49.75 1.79 0.00	51.51 1.99 0.00	61.81 2.59 0.00	86.03 3.69 0.00	83.90 3.22 0.00	199.14 8.07 0.00	175.01 7.45 0.00	121.75 5.03 0.00	79.96 3.08 0.00	84.17 2.56 0.00	64.02 1.92 0.00	61.24 1.74 0.00
CRICKET___VALLEY_CC1 323756	46.90 1.26 0.00	41.30 1.31 0.00	40.92 1.36 0.00	39.41 1.23 0.00	36.71 1.24 0.00	37.30 1.27 0.00	41.48 1.30 0.00	39.82 1.53 0.00	43.60 1.60 0.00	47.50 1.57 -7.62	46.57 1.77 -4.24	51.05 1.95 -5.01	50.50 2.33 -0.21	52.01 2.50 0.00	62.31 3.09 0.00	86.73 4.39 0.00	85.18 4.50 0.00	201.86 10.79 0.00	177.04 9.48 0.00	122.81 6.08 0.00	80.58 3.72 0.01	84.29 2.91 0.22	64.22 2.12 0.00	61.28 1.78 0.00
CRICKET___VALLEY_CC2 323757	46.90 1.26 0.00	41.30 1.31 0.00	40.92 1.36 0.00	39.41 1.23 0.00	36.71 1.24 0.00	37.30 1.27 0.00	41.48 1.30 0.00	39.82 1.53 0.00	43.60 1.60 0.00	47.50 1.57 -7.62	46.57 1.77 -4.24	51.05 1.95 -5.01	50.50 2.33 -0.21	52.01 2.50 0.00	62.31 3.09 0.00	86.73 4.39 0.00	85.18 4.50 0.00	201.86 10.79 0.00	177.04 9.48 0.00	122.81 6.08 0.00	80.58 3.72 0.01	84.29 2.91 0.22	64.22 2.12 0.00	61.28 1.78 0.00
CRICKET___VALLEY_CC3 323758	46.90 1.26 0.00	41.30 1.31 0.00	40.92 1.36 0.00	39.41 1.23 0.00	36.71 1.24 0.00	37.30 1.27 0.00	41.48 1.30 0.00	39.82 1.53 0.00	43.60 1.60 0.00	47.50 1.57 -7.62	46.57 1.77 -4.24	51.05 1.95 -5.01	50.50 2.33 -0.21	52.01 2.50 0.00	62.31 3.09 0.00	86.73 4.39 0.00	85.18 4.50 0.00	201.86 10.79 0.00	177.04 9.48 0.00	122.81 6.08 0.00	80.58 3.72 0.01	84.29 2.91 0.22	64.22 2.12 0.00	61.28 1.78 0.00
CRUCIBLE_METL_DRP 24180	45.54 -0.09 0.00	39.81 -0.18 0.00	39.34 -0.25 -0.03	37.94 -0.25 0.00	35.21 -0.27 0.00	35.75 -0.28 0.00	39.82 -0.36 0.00	38.10 -0.19 0.00	41.74 -0.26 0.00	38.01 -0.30 0.00	40.27 -0.29 0.00	43.87 -0.22 0.00	47.74 -0.21 0.00	49.22 -0.30 0.00	59.82 -0.22 -0.81	86.47 -0.35 -4.47	87.98 -0.33 -7.63	200.35 -0.66 -9.94	168.35 -0.47 -1.26	117.28 -0.11 -0.66	77.22 -0.27 -0.61	83.21 -0.75 -2.36	62.60 -0.46 -0.96	60.16 -0.54 -1.20
DAHOWA___HYDRO 323763	48.26 2.62 0.00	42.40 2.41 0.00	41.96 2.41 0.00	40.41 2.22 0.00	37.59 2.12 0.00	38.25 2.22 0.00	42.64 2.47 0.00	40.78 2.49 0.00	44.56 2.55 0.00	40.45 2.15 0.00	42.81 2.26 0.00	46.29 2.21 0.00	50.30 2.34 0.00	52.17 2.65 0.00	62.67 3.44 0.00	87.66 5.31 0.00	85.18 4.50 0.00	202.65 11.57 0.00	179.10 11.54 0.00	124.48 7.75 0.00	81.78 4.90 0.00	86.03 4.43 0.00	65.23 3.13 0.00	62.35 2.85 0.00
DANC___LFGE 323619	46.84 1.21 0.00	40.92 0.94 0.00	40.42 0.83 -0.03	38.92 0.73 0.00	36.10 0.63 0.00	36.62 0.58 0.00	40.80 0.62 0.00	38.97 0.69 0.00	42.71 0.70 0.00	38.82 0.52 0.00	41.22 0.66 0.00	44.79 0.71 0.00	48.68 0.72 0.00	49.79 0.27 0.00	60.59 0.54 -0.83	87.08 0.18 -4.56	88.27 -0.18 -7.78	202.03 0.82 -10.14	170.88 2.04 -1.28	120.19 2.78 -0.68	79.27 1.77 -0.62	85.75 1.74 -2.40	64.47 1.39 -0.98	62.01 1.28 -1.23
DANSKAMMER___1 23586	47.83 2.19 0.00	42.03 2.04 0.00	41.61 2.05 0.00	40.05 1.87 0.00	37.31 1.84 0.00	37.89 1.86 0.00	42.12 1.95 0.00	40.44 2.15 0.00	44.33 2.32 0.00	40.59 2.29 0.00	43.16 2.61 0.00	47.09 3.01 0.00	51.50 3.55 0.00	53.23 3.72 0.00	63.78 4.56 0.00	88.87 6.53 0.00	87.38 6.70 0.00	206.80 15.73 0.00	181.24 13.68 0.00	125.74 9.01 0.00	82.44 5.57 0.01	86.24 4.87 0.23	65.66 3.57 0.00	62.59 3.09 0.00
DANSKAMMER___2 23589	47.83 2.19 0.00	42.03 2.04 0.00	41.61 2.05 0.00	40.05 1.87 0.00	37.31 1.84 0.00	37.89 1.86 0.00	42.12 1.95 0.00	40.44 2.15 0.00	44.33 2.32 0.00	40.59 2.29 0.00	43.16 2.61 0.00	47.09 3.01 0.00	51.50 3.55 0.00	53.23 3.72 0.00	63.78 4.56 0.00	88.87 6.53 0.00	87.38 6.70 0.00	206.80 15.73 0.00	181.24 13.68 0.00	125.74 9.01 0.00	82.44 5.57 0.01	86.24 4.87 0.23	65.66 3.57 0.00	62.59 3.09 0.00
DANSKAMMER___3 23590	47.83 2.19 0.00	42.03 2.04 0.00	41.61 2.05 0.00	40.05 1.87 0.00	37.31 1.84 0.00	37.89 1.86 0.00	42.12 1.95 0.00	40.44 2.15 0.00	44.33 2.32 0.00	40.59 2.29 0.00	43.16 2.61 0.00	47.09 3.01 0.00	51.50 3.55 0.00	53.23 3.72 0.00	63.78 4.56 0.00	88.87 6.53 0.00	87.38 6.70 0.00	206.80 15.73 0.00	181.24 13.68 0.00	125.74 9.01 0.00	82.44 5.57 0.01	86.24 4.87 0.23	65.66 3.57 0.00	62.59 3.09 0.00

DANSKAMMER___4 23591	47.83 2.19 0.00	42.03 2.04 0.00	41.61 2.05 0.00	40.05 1.87 0.00	37.31 1.84 0.00	37.89 1.86 0.00	42.12 1.95 0.00	40.44 2.15 0.00	44.33 2.32 0.00	40.59 2.29 0.00	43.16 2.61 0.00	47.09 3.01 0.00	51.50 3.55 0.00	53.23 3.72 0.00	63.78 4.56 0.00	88.87 6.53 0.00	87.38 6.70 0.00	206.80 15.73 0.00	181.24 13.68 0.00	125.74 9.01 0.00	82.44 5.57 0.01	86.24 4.87 0.23	65.66 3.57 0.00	62.59 3.09 0.00
DANSKAMMER___DIESEL 23592	47.83 2.19 0.00	42.03 2.04 0.00	41.61 2.06 0.00	40.05 1.87 0.00	37.31 1.84 0.00	37.89 1.85 0.00	42.12 1.95 0.00	40.44 2.15 0.00	44.33 2.32 0.00	40.59 2.29 0.00	43.16 2.61 0.00	47.09 3.01 0.00	51.51 3.55 0.00	53.23 3.72 0.00	63.80 4.57 0.00	88.87 6.53 0.00	87.39 6.70 0.00	206.80 15.73 0.00	181.25 13.69 0.00	125.73 9.01 0.00	82.43 5.57 0.01	86.23 4.86 0.23	65.67 3.57 0.00	62.59 3.09 0.00
DARBY___SOLAR 323810	47.99 2.35 0.00	42.16 2.18 0.00	41.74 2.19 0.00	40.20 2.01 0.00	37.39 1.92 0.00	38.05 2.02 0.00	42.40 2.22 0.00	40.53 2.25 0.00	44.29 2.28 0.00	40.25 1.95 0.00	42.57 2.02 0.00	46.06 1.98 0.00	50.05 2.10 0.00	51.92 2.41 0.00	62.37 3.14 0.00	87.21 4.87 0.00	84.66 3.98 0.00	201.46 10.38 0.00	177.90 10.34 0.00	123.70 6.97 0.00	81.30 4.43 0.00	85.55 3.95 0.00	64.90 2.81 0.00	62.05 2.55 0.00
DASHVILLE___HYD 23610	47.20 1.56 0.00	41.48 1.49 0.00	41.07 1.51 0.00	39.54 1.36 0.00	36.82 1.35 0.00	37.39 1.36 0.00	41.57 1.40 0.00	39.90 1.62 0.00	43.74 1.74 0.00	40.05 1.75 0.00	42.57 2.02 0.00	46.44 2.36 0.00	50.75 2.80 0.00	52.50 2.99 0.00	62.82 3.59 0.00	87.45 5.10 0.00	86.17 5.49 0.00	203.54 12.47 0.00	178.53 10.97 0.00	123.85 7.12 0.00	81.27 4.41 0.01	85.04 3.66 0.23	64.78 2.68 0.00	61.81 2.31 0.00
DELAWARE___LFGE 323621	46.67 1.04 0.00	40.91 0.92 0.00	40.47 0.90 -0.01	39.00 0.81 0.00	36.27 0.80 0.00	36.85 0.82 0.00	41.02 0.85 0.00	39.26 0.98 0.00	43.07 1.07 0.00	39.34 1.04 0.00	41.66 1.11 0.00	45.35 1.26 0.00	49.49 1.53 0.00	51.07 1.56 0.00	61.19 1.81 -0.15	85.66 2.48 -0.84	84.55 2.43 -1.44	198.32 5.38 -1.88	172.30 4.50 -0.24	119.98 3.13 -0.12	78.99 2.03 -0.08	82.81 1.56 0.36	63.61 1.34 -0.18	60.99 1.27 -0.23
DERFIELD_115KV_TB7 355931	45.79 0.16 0.00	40.15 0.16 0.00	39.72 0.16 0.00	38.33 0.13 0.00	35.61 0.14 0.00	36.19 0.16 0.00	40.34 0.16 0.00	38.49 0.20 0.00	42.18 0.17 0.00	38.49 0.19 0.00	40.73 0.18 0.00	44.26 0.18 0.00	48.19 0.24 0.00	49.80 0.28 0.00	59.60 0.38 0.00	82.84 0.50 0.00	81.07 0.38 0.00	192.15 1.08 0.00	168.58 1.02 0.00	117.44 0.71 0.00	77.31 0.43 0.00	81.80 0.19 0.00	62.27 0.18 0.00	59.62 0.12 0.00
DOGLEVILLE___HYD 23807	46.50 0.87 0.00	40.87 0.87 0.00	40.57 1.02 0.00	39.09 0.90 0.00	36.39 0.91 0.00	37.04 1.01 0.00	41.19 1.01 0.00	39.29 1.00 0.00	42.81 0.80 0.00	39.14 0.84 0.00	41.14 0.59 0.00	44.55 0.46 0.00	48.51 0.56 0.00	50.27 0.75 0.00	61.07 1.84 0.00	84.41 2.07 0.00	80.98 0.30 0.00	194.08 3.01 0.00	172.03 4.46 0.00	120.45 3.72 0.00	79.68 2.80 0.00	83.55 1.95 0.00	63.37 1.27 0.00	60.36 0.86 0.00
DUNKIRK__115KV_TB_200 55889	45.44 -0.19 0.00	39.48 -0.51 0.00	38.97 -0.58 0.00	37.42 -0.76 0.00	34.43 -1.05 0.00	35.04 -1.00 0.00	39.11 -1.06 0.00	37.67 -0.61 0.00	41.31 -0.70 0.00	37.33 -0.97 0.00	39.05 -1.50 0.00	42.37 -1.71 0.00	43.47 -2.11 2.37	47.18 -2.34 0.00	51.17 -2.17 5.89	74.34 -3.46 4.54	74.98 -3.08 2.62	182.61 -8.46 0.00	160.94 -6.62 0.00	111.53 -5.19 0.00	69.58 -4.10 3.20	68.80 -5.12 7.68	59.50 -2.60 0.00	57.63 -1.87 0.00
DUNKIRK___1 23563	45.44 -0.19 0.00	39.48 -0.51 0.00	38.97 -0.58 0.00	37.42 -0.76 0.00	34.43 -1.05 0.00	35.04 -1.00 0.00	39.11 -1.06 0.00	37.67 -0.61 0.00	41.31 -0.70 0.00	37.33 -0.97 0.00	39.05 -1.50 0.00	42.37 -1.71 0.00	43.47 -2.11 2.37	47.18 -2.34 0.00	51.17 -2.17 5.89	74.34 -3.46 4.54	74.98 -3.08 2.62	182.61 -8.46 0.00	160.94 -6.62 0.00	111.53 -5.19 0.00	69.58 -4.10 3.20	68.80 -5.12 7.68	59.50 -2.60 0.00	57.63 -1.87 0.00
DUNKIRK___2 23564	45.44 -0.19 0.00	39.48 -0.51 0.00	38.97 -0.58 0.00	37.42 -0.76 0.00	34.43 -1.05 0.00	35.04 -1.00 0.00	39.11 -1.06 0.00	37.67 -0.61 0.00	41.31 -0.70 0.00	37.33 -0.97 0.00	39.05 -1.50 0.00	42.37 -1.71 0.00	43.47 -2.11 2.37	47.18 -2.34 0.00	51.17 -2.17 5.89	74.34 -3.46 4.54	74.98 -3.08 2.62	182.61 -8.46 0.00	160.94 -6.62 0.00	111.53 -5.19 0.00	69.58 -4.10 3.20	68.80 -5.12 7.68	59.50 -2.60 0.00	57.63 -1.87 0.00
DUNKIRK___3 23565	45.28 -0.35 0.00	39.36 -0.63 0.00	38.84 -0.72 0.00	37.32 -0.86 0.00	34.39 -1.08 0.00	34.96 -1.07 0.00	38.99 -1.18 0.00	37.51 -0.78 0.00	41.13 -0.87 0.00	37.15 -1.16 0.00	38.88 -1.67 0.00	42.20 -1.88 0.00	43.16 -2.24 2.56	47.04 -2.47 0.00	50.50 -2.36 6.37	73.56 -3.87 4.91	74.49 -3.35 2.84	181.96 -9.11 0.00	160.07 -7.49 0.00	110.96 -5.77 0.00	69.25 -4.47 3.16	68.29 -5.54 7.77	59.18 -2.92 0.00	57.39 -2.11 0.00
DUNKIRK___4 23566	45.28 -0.35 0.00	39.36 -0.63 0.00	38.84 -0.72 0.00	37.32 -0.86 0.00	34.39 -1.08 0.00	34.96 -1.07 0.00	38.99 -1.18 0.00	37.51 -0.78 0.00	41.13 -0.87 0.00	37.15 -1.16 0.00	38.88 -1.67 0.00	42.20 -1.88 0.00	43.16 -2.24 2.56	47.04 -2.47 0.00	50.50 -2.36 6.37	73.56 -3.87 4.91	74.49 -3.35 2.84	181.96 -9.11 0.00	160.07 -7.49 0.00	110.96 -5.77 0.00	69.25 -4.47 3.16	68.29 -5.54 7.77	59.18 -2.92 0.00	57.39 -2.11 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	47.78 2.15 0.00	42.07 2.08 0.00	41.66 2.11 0.00	40.11 1.93 0.00	37.38 1.91 0.00	37.95 1.93 0.00	42.17 1.99 0.00	40.51 2.23 0.00	44.42 2.41 0.00	64.09 2.36 -23.43	56.29 2.70 -13.03	62.64 3.15 -15.41	52.28 3.68 -0.65	53.31 3.80 0.00	63.78 4.55 0.00	88.71 6.37 0.00	87.26 6.58 0.00	206.32 15.25 0.00	180.54 12.98 0.00	125.26 8.54 0.00	82.13 5.26 0.01	85.98 4.61 0.24	65.54 3.45 0.00	62.55 3.05 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	47.43 1.80 0.00	41.67 1.68 0.00	41.27 1.71 0.00	39.74 1.55 0.00	37.02 1.56 0.00	37.59 1.56 0.00	41.77 1.60 0.00	40.10 1.82 0.00	43.95 1.95 0.00	32.58 1.93 7.66	38.48 2.19 4.26	41.61 2.56 5.04	50.79 3.04 0.21	52.70 3.19 0.00	63.13 3.90 0.00	87.96 5.62 0.00	86.48 5.80 0.00	204.60 13.52 0.00	179.21 11.64 0.00	124.40 7.67 0.00	81.59 4.72 0.01	85.40 4.03 0.24	65.07 2.98 0.00	62.08 2.58 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	47.77 2.13 0.00	42.07 2.08 0.00	41.65 2.09 0.00	40.07 1.88 0.00	37.36 1.89 0.00	37.92 1.89 0.00	42.11 1.93 0.00	40.52 2.23 0.00	44.36 2.36 0.00	64.02 2.33 -23.39	56.25 2.69 -13.01	62.66 3.19 -15.38	52.27 3.67 -0.65	53.23 3.72 0.00	63.62 4.40 0.00	88.67 6.33 0.00	87.29 6.61 0.00	206.42 15.35 0.00	180.52 12.96 0.00	125.19 8.46 0.00	82.14 5.27 0.01	85.87 4.50 0.24	65.49 3.40 0.00	62.51 3.01 0.00

E179THST_13_KV_LOAD 356214	48.08 2.44 0.00	42.33 2.33 0.00	41.89 2.33 0.00	40.30 2.11 0.00	37.56 2.09 0.00	38.14 2.11 0.00	42.34 2.17 0.00	40.75 2.46 0.00	44.62 2.62 0.00	64.25 2.57 -23.39	56.52 2.95 -13.01	62.96 3.49 -15.38	52.61 4.01 -0.65	53.58 4.07 0.00	64.07 4.85 0.00	89.30 6.95 0.00	87.87 7.19 0.00	207.81 16.74 0.00	181.80 14.24 0.00	126.02 9.30 0.00	82.68 5.82 0.01	86.47 5.10 0.24	65.93 3.84 0.00	62.93 3.43 0.00
EAST HAMPTON___GT 23717	48.28 2.65 0.00	43.21 3.23 0.00	42.89 3.34 0.00	41.14 2.95 0.00	38.78 3.30 0.00	39.49 3.46 0.00	44.13 3.95 0.00	41.95 3.66 0.00	46.32 4.31 0.00	66.08 4.48 -23.30	58.59 5.08 -12.96	65.61 5.94 -15.59	57.17 7.43 -1.78	56.77 7.20 -0.06	67.33 8.10 0.00	93.34 10.99 -0.01	131.42 11.49 -39.25	269.42 26.87 -51.48	322.28 22.78 -131.94	133.25 13.79 -2.73	81.94 7.75 2.69	84.07 7.10 4.64	59.98 4.30 6.42	58.72 3.84 4.62
EAST RIVER___6 23660	47.87 2.24 0.00	42.15 2.16 0.00	41.73 2.17 0.00	40.17 1.97 0.00	37.44 1.97 0.00	38.02 1.99 0.00	42.23 2.05 0.00	40.62 2.33 0.00	44.54 2.53 0.00	64.20 2.48 -23.42	56.42 2.85 -13.03	62.83 3.35 -15.40	52.47 3.87 -0.65	53.50 3.99 0.00	63.98 4.75 0.00	88.95 6.61 0.00	87.54 6.86 0.00	206.79 15.72 0.00	180.90 13.34 0.00	125.50 8.77 0.00	82.32 5.46 0.01	86.15 4.78 0.24	65.70 3.60 0.00	62.66 3.16 0.00
EAST RIVER___7 23524	47.87 2.24 0.00	42.15 2.16 0.00	41.73 2.17 0.00	40.17 1.97 0.00	37.44 1.97 0.00	38.02 1.99 0.00	42.23 2.05 0.00	40.62 2.33 0.00	44.54 2.53 0.00	64.20 2.48 -23.42	56.42 2.85 -13.03	62.83 3.35 -15.40	52.47 3.87 -0.65	53.50 3.99 0.00	63.98 4.75 0.00	88.95 6.61 0.00	87.54 6.86 0.00	206.79 15.72 0.00	180.90 13.34 0.00	125.50 8.77 0.00	82.32 5.46 0.01	86.15 4.78 0.24	65.70 3.60 0.00	62.66 3.16 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	47.61 1.98 0.00	41.91 1.92 0.00	41.51 1.95 0.00	39.97 1.78 0.00	37.25 1.77 0.00	37.83 1.80 0.00	42.02 1.84 0.00	40.37 2.08 0.00	44.24 2.24 0.00	64.84 2.20 -24.34	56.61 2.51 -13.54	63.03 2.93 -16.01	52.07 3.45 -0.67	53.08 3.57 0.00	63.53 4.30 0.00	88.38 6.04 0.00	86.93 6.25 0.00	205.56 14.48 0.00	179.86 12.30 0.00	124.80 8.07 0.00	81.84 4.97 0.01	85.65 4.28 0.24	65.31 3.21 0.00	62.33 2.82 0.00
EAST_HAMPTON___DIESEL 23722	48.22 2.59 0.00	43.16 3.17 0.00	42.85 3.29 0.00	41.09 2.90 0.00	38.76 3.29 0.00	39.49 3.45 0.00	44.12 3.95 0.00	41.93 3.65 0.00	46.30 4.29 0.00	66.07 4.47 -23.30	58.61 5.09 -12.96	65.64 5.97 -15.59	57.19 7.46 -1.78	56.80 7.23 -0.06	67.37 8.14 0.00	93.43 11.08 -0.01	131.52 11.59 -39.25	269.64 27.09 -51.48	322.43 22.93 -131.94	133.30 13.84 -2.73	81.92 7.74 2.69	83.97 7.00 4.64	59.88 4.20 6.42	58.60 3.73 4.62
EAST_POINT___SOLAR 323840	48.73 3.09 0.00	42.54 2.55 0.00	41.94 2.38 0.00	40.41 2.22 0.00	37.51 2.04 0.00	38.12 2.09 0.00	42.28 2.10 0.00	39.41 1.12 0.00	43.57 1.57 0.00	40.02 1.72 0.00	41.58 1.03 0.00	44.61 0.52 0.00	48.75 0.80 0.00	50.06 0.55 0.00	61.59 2.36 0.00	85.83 3.49 0.00	83.01 2.33 0.00	197.68 6.61 0.00	174.02 6.46 0.00	123.61 6.88 0.00	82.58 5.71 0.01	87.13 5.77 0.25	66.44 4.34 0.00	63.48 3.98 0.00
EAST_PULASKI___ESR 323781	45.70 0.06 0.00	39.97 -0.02 0.00	39.51 -0.10 -0.05	38.05 -0.13 0.00	35.31 -0.16 0.00	35.80 -0.23 0.00	39.86 -0.31 0.00	38.11 -0.17 0.00	41.81 -0.19 0.00	38.06 -0.24 0.00	40.36 -0.19 0.00	43.90 -0.18 0.00	47.78 -0.18 0.00	49.08 -0.44 0.00	60.09 -0.35 -1.22	88.24 -0.81 -6.71	90.98 -1.14 -11.45	203.83 -2.15 -14.92	168.39 -1.05 -1.89	117.76 0.04 -1.00	77.73 -0.06 -0.92	84.79 -0.35 -3.54	63.39 -0.15 -1.44	61.09 -0.21 -1.80
EAST_RIVER___1 323558	47.92 2.28 0.00	42.17 2.18 0.00	41.76 2.20 0.00	40.18 1.99 0.00	37.46 1.99 0.00	38.05 2.02 0.00	42.25 2.08 0.00	40.63 2.35 0.00	44.56 2.56 0.00	64.23 2.51 -23.42	56.46 2.88 -13.03	62.84 3.35 -15.40	52.49 3.89 -0.65	53.53 4.02 0.00	64.03 4.80 0.00	89.03 6.68 0.00	87.62 6.94 0.00	207.05 15.98 0.00	181.10 13.54 0.00	125.61 8.89 0.00	82.39 5.52 0.01	86.24 4.88 0.24	65.74 3.65 0.00	62.71 3.22 0.00
EAST_RIVER___2 323559	47.87 2.24 0.00	42.15 2.16 0.00	41.73 2.17 0.00	40.17 1.97 0.00	37.44 1.97 0.00	38.02 1.99 0.00	42.23 2.05 0.00	40.62 2.33 0.00	44.54 2.53 0.00	64.20 2.48 -23.42	56.42 2.85 -13.03	62.83 3.35 -15.40	52.47 3.87 -0.65	53.50 3.99 0.00	63.98 4.75 0.00	88.95 6.61 0.00	87.54 6.86 0.00	206.79 15.72 0.00	180.90 13.34 0.00	125.50 8.77 0.00	82.32 5.46 0.01	86.15 4.78 0.24	65.70 3.60 0.00	62.66 3.16 0.00
EAST___DELAWARE_HYD 23607	46.31 0.67 0.00	40.63 0.64 0.00	40.18 0.62 0.00	38.65 0.46 0.00	35.99 0.51 0.00	36.52 0.49 0.00	40.60 0.43 0.00	38.96 0.67 0.00	42.74 0.73 0.00	33.19 0.90 6.01	38.32 1.11 3.34	41.50 1.37 3.95	49.45 1.66 0.17	51.33 1.82 0.00	61.49 2.26 0.00	85.81 3.47 0.00	84.57 3.89 0.00	200.21 9.14 0.00	175.53 7.97 0.00	121.87 5.15 0.00	79.96 3.09 0.01	83.62 2.27 0.25	63.61 1.51 0.00	60.59 1.09 0.00
EIGHT_POINT___WT_PWR 323820	46.03 0.39 0.00	40.12 0.13 0.00	39.46 -0.10 -0.01	38.05 -0.13 0.00	35.22 -0.25 0.00	35.81 -0.22 0.00	39.79 -0.39 0.00	38.04 -0.24 0.00	41.74 -0.27 0.00	37.74 -0.56 0.00	39.75 -0.80 0.00	42.76 -1.32 0.00	54.31 -2.30 -8.65	47.35 -2.16 0.00	77.92 -2.96 -21.65	95.25 -4.61 -17.52	87.43 -4.46 -11.21	185.73 -7.49 -2.15	162.26 -5.57 -0.27	113.13 -3.74 -0.14	68.41 -2.06 6.41	75.73 -2.45 3.43	60.96 -1.35 -0.21	58.36 -1.40 -0.26
ELBRIDGE_115KV_TB2 80188	45.37 -0.27 0.00	39.61 -0.38 0.00	39.16 -0.43 -0.04	37.79 -0.39 0.00	35.08 -0.39 0.00	35.63 -0.40 0.00	39.67 -0.50 0.00	37.96 -0.32 0.00	41.55 -0.45 0.00	37.82 -0.48 0.00	40.06 -0.49 0.00	43.63 -0.45 0.00	47.49 -0.47 0.00	48.92 -0.59 0.00	59.51 -0.57 -0.86	86.26 -0.84 -4.75	87.98 -0.80 -8.11	199.91 -1.73 -10.56	167.32 -1.57 -1.33	116.61 -0.83 -0.71	76.77 -0.76 -0.65	82.87 -1.24 -2.50	62.35 -0.77 -1.02	59.98 -0.80 -1.28
ELEC_TRO_TEK 24086	47.46 1.83 0.00	42.15 2.16 0.00	41.76 2.20 0.00	40.19 2.00 0.00	37.42 1.95 0.00	37.99 1.96 0.00	42.21 2.04 0.00	40.48 2.20 0.00	44.43 2.42 0.00	63.98 2.38 -23.30	56.50 2.98 -12.96	63.10 3.43 -15.59	53.88 4.14 -1.78	53.79 4.07 -0.21	63.79 4.56 0.00	88.77 6.42 0.00	87.40 6.72 0.00	206.61 15.54 0.00	180.83 13.26 0.00	125.30 8.57 -0.01	88.73 5.37 -6.48	92.77 4.75 -6.42	77.15 3.48 -11.57	87.27 3.39 -24.38
ELLENBURG_WT_PWR 323604	45.94 0.31 0.00	40.24 0.25 0.00	39.83 0.28 0.00	38.48 0.29 0.00	35.73 0.26 0.00	36.27 0.24 0.00	40.52 0.34 0.00	38.37 0.08 0.00	42.17 0.17 0.00	38.42 0.11 0.00	40.70 0.15 0.00	44.17 0.09 0.00	47.69 -0.27 0.00	49.24 -0.28 0.00	58.44 -0.79 0.00	81.26 -1.08 0.00	79.98 -0.71 0.00	188.75 -2.32 0.00	165.72 -1.84 0.00	115.54 -1.19 0.00	76.36 -0.51 0.00	82.18 0.58 0.00	62.34 0.24 0.00	60.21 0.71 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	44.94 -0.69 0.00	39.13 -0.86 0.00	38.59 -0.96 0.00	37.10 -1.09 0.00	34.29 -1.18 0.00	34.79 -1.24 0.00	38.73 -1.45 0.00	37.15 -1.13 0.00	40.83 -1.18 0.00	36.72 -1.59 0.00	38.50 -2.05 0.00	41.70 -2.38 0.00	42.50 -2.71 2.75	46.56 -2.96 0.00	49.34 -3.07 6.82	71.93 -5.15 5.27	73.40 -4.24 3.04	179.98 -11.10 0.00	157.98 -9.58 0.00	109.44 -7.28 0.00	68.40 -5.50 2.98	66.50 -6.75 8.36	58.41 -3.69 0.00	56.93 -2.57 0.00
EMPIRE_CC_1 323656	46.61 0.97 0.00	40.99 1.00 0.00	40.75 1.19 0.00	39.29 1.10 0.00	36.57 1.10 0.00	37.22 1.19 0.00	41.37 1.19 0.00	39.54 1.25 0.00	43.18 1.18 0.00	43.21 1.05 -3.85	43.84 1.14 -2.14	47.71 1.10 -2.53	49.40 1.34 -0.11	51.02 1.50 0.00	61.13 1.90 0.00	84.94 2.59 0.00	83.05 2.37 0.00	196.82 5.75 0.00	172.69 5.13 0.00	120.12 3.39 0.00	78.89 2.01 0.00	83.06 1.45 0.00	63.21 1.11 0.00	60.48 0.99 0.00
EMPIRE_CC_2 323658	46.61 0.97 0.00	40.99 1.00 0.00	40.75 1.19 0.00	39.29 1.10 0.00	36.57 1.10 0.00	37.22 1.19 0.00	41.37 1.19 0.00	39.54 1.25 0.00	43.18 1.18 0.00	43.21 1.05 -3.85	43.84 1.14 -2.14	47.71 1.10 -2.53	49.40 1.34 -0.11	51.02 1.50 0.00	61.13 1.90 0.00	84.94 2.59 0.00	83.05 2.37 0.00	196.82 5.75 0.00	172.69 5.13 0.00	120.12 3.39 0.00	78.89 2.01 0.00	83.06 1.45 0.00	63.21 1.11 0.00	60.48 0.99 0.00
ENORWICH_115KV_TB1 80156	48.14 2.51 0.00	42.19 2.20 0.00	41.67 2.10 -0.01	40.28 2.09 0.00	37.46 1.99 0.00	38.14 2.11 0.00	42.60 2.42 0.00	40.83 2.54 0.00	44.72 2.71 0.00	40.63 2.34 0.00	42.87 2.31 0.00	46.89 2.81 0.00	51.57 3.16 -0.45	52.38 2.87 0.00	63.23 2.56 -1.44	89.19 4.15 -2.70	88.04 3.73 -3.64	204.58 9.41 -4.10	176.73 8.65 -0.52	124.43 7.43 -0.27	85.97 4.82 -4.28	86.10 4.71 0.22	66.26 3.77 -0.40	63.46 3.46 -0.49
ERIE_ST__34_KV_TB1-2 80199	45.30 -0.34 0.00	39.40 -0.58 0.00	38.81 -0.74 0.00	37.31 -0.88 0.00	34.47 -1.00 0.00	34.99 -1.05 0.00	38.93 -1.24 0.00	37.38 -0.91 0.00	41.05 -0.95 0.00	37.01 -1.29 0.00	38.82 -1.73 0.00	42.18 -1.90 0.00	43.53 -2.11 2.32	47.14 -2.37 0.00	51.25 -2.22 5.76	74.07 -3.83 4.44	75.19 -2.92 2.57	182.94 -8.13 0.00	160.68 -6.88 0.00	111.28 -5.44 0.00	69.48 -4.33 3.07	68.39 -5.50 7.71	59.22 -2.88 0.00	57.52 -1.98 0.00
ERIE_WT_PWR 323693	45.19 -0.45 0.00	39.32 -0.67 0.00	38.77 -0.79 0.00	37.28 -0.91 0.00	34.43 -1.04 0.00	34.94 -1.09 0.00	38.90 -1.27 0.00	37.33 -0.96 0.00	41.00 -1.00 0.00	36.92 -1.38 0.00	38.72 -1.83 0.00	41.94 -2.14 0.00	42.90 -2.43 2.62	46.80 -2.71 0.00	50.02 -2.70 6.50	72.76 -4.56 5.02	74.03 -3.76 2.90	181.13 -9.94 0.00	159.15 -6.39 0.00	110.33 -6.39 0.00	68.96 -4.86 3.06	67.52 -6.22 7.86	58.83 -3.27 0.00	57.24 -2.26 0.00
ESPRGFLD_115KV_TB1 80157	47.68 2.05 0.00	41.61 1.62 0.00	41.02 1.46 0.00	39.54 1.35 0.00	36.71 1.24 0.00	37.28 1.25 0.00	41.54 1.37 0.00	39.58 1.29 0.00	43.57 1.57 0.00	39.84 1.54 0.00	42.04 1.49 0.00	45.72 1.64 0.00	49.87 1.91 0.00	51.24 1.73 0.00	61.02 1.80 0.00	84.91 2.57 0.00	83.43 2.75 0.00	197.26 6.19 0.00	173.29 5.73 0.00	121.45 4.73 0.00	80.24 3.38 0.02	84.59 3.42 0.43	64.86 2.77 0.00	62.15 2.65 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	46.53 0.89 0.00	40.65 0.66 0.00	40.15 0.58 -0.02	38.73 0.54 0.00	35.93 0.46 0.00	36.49 0.46 0.00	40.67 0.50 0.00	38.91 0.62 0.00	42.57 0.57 0.00	38.63 0.33 0.00	40.86 0.31 0.00	44.64 0.55 0.00	49.31 0.60 -0.76	49.99 0.48 0.00	62.05 0.48 -2.34	87.36 1.03 -3.99	86.64 0.78 -5.18	199.12 2.39 -5.66	170.54 2.26 -0.71	119.19 2.08 -0.38	88.45 1.23 -10.35	82.70 0.85 -0.24	63.44 0.80 -0.55	60.80 0.62 -0.68
ETNA____115KV_TB2 80207	46.53 0.89 0.00	40.65 0.66 0.00	40.15 0.58 -0.02	38.73 0.54 0.00	35.93 0.46 0.00	36.49 0.46 0.00	40.67 0.50 0.00	38.91 0.62 0.00	42.57 0.57 0.00	38.63 0.33 0.00	40.86 0.31 0.00	44.64 0.55 0.00	49.31 0.60 -0.76	49.99 0.48 0.00	62.05 0.48 -2.34	87.36 1.03 -3.99	86.64 0.78 -5.18	199.12 2.39 -5.66	170.54 2.26 -0.71	119.19 2.08 -0.38	88.45 1.23 -10.35	82.70 0.85 -0.24	63.44 0.80 -0.55	60.80 0.62 -0.68
EUCLID___115KV_TB2 356179	44.96 -0.68 0.00	39.33 -0.66 0.00	38.88 -0.69 -0.02	37.49 -0.71 0.00	34.79 -0.68 0.00	35.33 -0.70 0.00	39.35 -0.82 0.00	37.63 -0.65 0.00	41.26 -0.74 0.00	37.58 -0.72 0.00	39.78 -0.78 0.00	43.30 -0.78 0.00	47.16 -0.80 0.00	48.64 -0.87 0.00	58.69 -0.92 -0.38	83.02 -1.40 -2.08	82.86 -1.37 -3.54	192.56 -3.13 -4.62	165.56 -2.58 -0.58	115.35 -1.69 -0.31	75.87 -1.30 -0.28	80.85 -1.85 -1.10	61.28 -1.27 -0.45	58.80 -1.25 -0.56
E_CANADA_CAP_HY 24051	48.21 2.57 0.00	42.07 2.08 0.00	41.46 1.91 0.00	39.97 1.78 0.00	37.09 1.62 0.00	37.67 1.64 0.00	41.95 1.78 0.00	39.73 1.45 0.00	43.70 1.70 0.00	40.00 1.70 0.00	42.02 1.47 0.00	45.51 1.43 0.00	49.52 1.56 0.00	50.91 1.40 0.00	60.97 1.74 0.00	85.11 2.77 0.00	83.02 2.34 0.00	197.06 5.99 0.00	173.69 6.13 0.00	122.30 5.57 0.00	81.09 4.22 0.01	85.78 4.47 0.30	65.58 3.49 0.00	62.84 3.34 0.00
E_CANADA_MHWK_HY 24050	46.50 0.87 0.00	40.87 0.88 0.00	40.57 1.02 0.00	39.09 0.90 0.00	36.39 0.91 0.00	37.04 1.01 0.00	41.18 1.01 0.00	39.29 1.00 0.00	42.81 0.80 0.00	39.14 0.84 0.00	41.14 0.59 0.00	44.54 0.46 0.00	48.51 0.56 0.00	50.27 0.75 0.00	61.07 1.84 0.00	84.41 2.07 0.00	80.98 0.30 0.00	194.08 3.01 0.00	172.03 4.46 0.00	120.44 3.72 0.00	79.68 2.80 0.00	83.54 1.93 0.00	63.37 1.27 0.00	60.35 0.86 0.00
E_FISHKILL___LBMP 23776	47.17 1.54 0.00	41.51 1.52 0.00	41.13 1.57 0.00	39.61 1.42 0.00	36.89 1.42 0.00	37.48 1.44 0.00	41.65 1.48 0.00	39.99 1.70 0.00	43.80 1.80 0.00	45.59 1.76 -5.53	45.64 2.01 -3.08	50.02 2.30 -3.64	50.83 2.73 -0.15	52.36 2.85 0.00	62.69 3.47 0.00	87.21 4.87 0.00	85.66 4.98 0.00	202.67 11.60 0.00	177.57 10.01 0.00	123.27 6.54 0.00	80.89 4.02 0.01	84.68 3.30 0.23	64.58 2.49 0.00	61.66 2.16 0.00
FALCON___SEABRD_CC1 323796	46.27 0.63 0.00	40.52 0.52 0.00	40.08 0.53 0.00	38.70 0.52 0.00	35.97 0.49 0.00	36.51 0.48 0.00	40.77 0.59 0.00	38.61 0.32 0.00	42.38 0.37 0.00	38.56 0.26 0.00	40.91 0.36 0.00	44.34 0.26 0.00	47.73 -0.23 0.00	49.34 -0.18 0.00	58.46 -0.76 0.00	81.24 -1.10 0.00	79.94 -0.75 0.00	188.44 -2.64 0.00	165.73 -1.83 0.00	115.72 -1.01 0.00	76.33 -0.55 0.00	82.27 0.66 0.00	62.33 0.24 0.00	60.48 0.98 0.00
FALCON___SEABRD_CC2 323797	46.27 0.63 0.00	40.52 0.52 0.00	40.08 0.53 0.00	38.70 0.52 0.00	35.97 0.49 0.00	36.51 0.48 0.00	40.77 0.59 0.00	38.61 0.32 0.00	42.38 0.37 0.00	38.56 0.26 0.00	40.91 0.36 0.00	44.34 0.26 0.00	47.73 -0.23 0.00	49.34 -0.18 0.00	58.46 -0.76 0.00	81.24 -1.10 0.00	79.94 -0.75 0.00	188.44 -2.64 0.00	165.73 -1.83 0.00	115.72 -1.01 0.00	76.33 -0.55 0.00	82.27 0.66 0.00	62.33 0.24 0.00	60.48 0.98 0.00

FAR ROCKAWAY___4 23548	48.28 2.65 0.00	42.85 2.86 0.00	42.45 2.89 0.00	40.83 2.64 0.00	37.99 2.52 0.00	38.59 2.56 0.00	42.87 2.70 0.00	41.14 2.85 0.00	45.15 3.14 0.00	64.66 3.06 -23.30	57.21 3.70 -12.96	63.93 4.27 -15.59	54.91 5.17 -1.78	54.97 5.03 -0.43	64.95 5.72 0.00	90.50 8.15 -0.01	88.48 7.80 0.00	209.33 18.26 0.00	183.23 15.67 0.00	126.97 10.22 -0.02	107.58 6.46 -24.25	112.03 5.79 -24.63	103.86 4.25 -37.51	129.88 4.23 -66.14
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	47.93 2.30 0.00	42.19 2.21 0.00	41.78 2.22 0.00	40.21 2.02 0.00	37.49 2.02 0.00	38.06 2.03 0.00	42.27 2.10 0.00	40.65 2.37 0.00	44.58 2.57 0.00	64.24 2.53 -23.42	56.46 2.88 -13.02	62.86 3.37 -15.40	52.52 3.91 -0.65	53.55 4.03 0.00	64.06 4.84 0.00	89.08 6.74 0.00	87.64 6.96 0.00	207.14 16.07 0.00	181.22 13.66 0.00	125.72 9.00 0.00	82.44 5.58 0.01	86.26 4.90 0.24	65.78 3.69 0.00	62.76 3.25 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	47.99 2.35 0.00	42.24 2.25 0.00	41.82 2.26 0.00	40.25 2.06 0.00	37.52 2.05 0.00	38.09 2.06 0.00	42.31 2.13 0.00	40.69 2.41 0.00	44.62 2.61 0.00	64.28 2.56 -23.42	56.49 2.91 -13.02	62.88 3.40 -15.40	52.54 3.94 -0.65	53.57 4.06 0.00	64.11 4.88 0.00	89.14 6.80 0.00	87.70 7.02 0.00	207.28 16.20 0.00	181.36 13.79 0.00	125.80 9.07 0.00	82.51 5.64 0.01	86.33 4.97 0.24	65.84 3.74 0.00	62.81 3.31 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	47.90 2.27 0.00	42.16 2.17 0.00	41.74 2.19 0.00	40.18 1.99 0.00	37.45 1.98 0.00	38.03 2.00 0.00	42.24 2.07 0.00	40.62 2.34 0.00	44.55 2.55 0.00	64.22 2.50 -23.42	56.44 2.86 -13.02	62.81 3.33 -15.40	52.47 3.87 -0.65	53.50 3.98 0.00	64.00 4.77 0.00	88.99 6.65 0.00	87.54 6.86 0.00	206.92 15.85 0.00	181.03 13.47 0.00	125.58 8.86 0.00	82.35 5.49 0.01	86.17 4.80 0.24	65.71 3.62 0.00	62.70 3.20 0.00
FARRAGUT___LBMP 323566	47.87 2.23 0.00	42.12 2.14 0.00	41.72 2.17 0.00	40.15 1.96 0.00	37.43 1.95 0.00	38.01 1.98 0.00	42.21 2.04 0.00	40.58 2.30 0.00	44.51 2.51 0.00	64.18 2.46 -23.42	56.39 2.81 -13.02	62.77 3.29 -15.40	52.42 3.82 -0.65	53.45 3.93 0.00	63.93 4.71 0.00	88.91 6.56 0.00	87.46 6.78 0.00	206.71 15.64 0.00	180.86 13.30 0.00	125.47 8.74 0.00	82.28 5.41 0.01	86.09 4.72 0.24	65.65 3.56 0.00	62.64 3.14 0.00
FENNER___WINDPWR 24204	46.56 0.92 0.00	40.74 0.75 0.00	40.25 0.68 -0.01	38.82 0.63 0.00	36.04 0.57 0.00	36.61 0.57 0.00	40.83 0.66 0.00	38.98 0.69 0.00	42.81 0.81 0.00	39.00 0.70 0.00	41.19 0.63 0.00	44.84 0.76 0.00	48.87 0.91 0.00	50.47 0.96 0.00	60.48 0.90 -0.35	85.56 1.27 -1.94	85.28 1.28 -3.32	199.06 3.67 -4.32	171.45 3.34 -0.55	119.88 2.86 -0.29	80.93 1.87 -2.18	83.92 1.60 -0.71	63.74 1.22 -0.42	61.07 1.05 -0.52
FIBERTEK___ENERGY 23856	45.54 -0.09 0.00	39.81 -0.18 0.00	39.34 -0.25 -0.03	37.94 -0.25 0.00	35.21 -0.27 0.00	35.75 -0.28 0.00	39.82 -0.36 0.00	38.10 -0.19 0.00	41.74 -0.26 0.00	38.01 -0.30 0.00	40.27 -0.29 0.00	43.87 -0.22 0.00	47.74 -0.21 0.00	49.22 -0.30 0.00	59.82 -0.22 -0.81	86.47 -0.35 -4.47	87.98 -0.33 -7.63	200.35 -0.66 -9.94	168.35 -0.47 -1.26	117.28 -0.11 -0.66	77.22 -0.27 -0.61	83.21 -0.75 -2.36	62.60 -0.46 -0.96	60.16 -0.54 -1.20
FITZPATRICK___ 23598	44.32 -1.32 0.00	38.78 -1.21 0.00	38.15 -1.23 0.18	36.99 -1.20 0.00	34.34 -1.13 0.00	34.88 -1.15 0.00	38.85 -1.32 0.00	37.12 -1.17 0.00	40.69 -1.32 0.00	37.08 -1.23 0.00	39.23 -1.32 0.00	42.67 -1.41 0.00	46.44 -1.52 0.00	47.92 -1.59 0.00	52.93 -1.85 4.45	55.13 -2.66 24.55	36.20 -2.60 41.87	130.41 -6.09 54.57	155.50 -5.17 6.89	109.57 -3.51 3.65	71.07 -2.45 3.36	65.91 -2.96 12.73	54.70 -2.11 5.28	50.87 -2.04 6.59
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	47.92 2.29 0.00	42.11 2.12 0.00	41.69 2.14 0.00	40.13 1.94 0.00	37.38 1.91 0.00	37.96 1.93 0.00	42.20 2.03 0.00	40.52 2.24 0.00	44.43 2.42 0.00	40.68 2.38 0.00	43.26 2.71 0.00	47.21 3.12 0.00	51.64 3.69 0.00	53.38 3.87 0.00	63.99 4.76 0.00	89.14 6.79 0.00	87.65 6.97 0.00	207.41 16.33 0.00	181.79 14.22 0.00	126.08 9.36 0.00	82.67 5.80 0.01	86.44 5.08 0.23	65.82 3.72 0.00	62.73 3.23 0.00
FORT ORANGE___ 23900	46.49 0.85 0.00	40.89 0.90 0.00	40.55 1.00 0.00	39.13 0.94 0.00	36.41 0.94 0.00	37.02 0.99 0.00	41.15 0.98 0.00	39.37 1.08 0.00	42.84 0.84 0.00	38.92 0.62 0.00	41.22 0.67 0.00	44.68 0.60 0.00	48.76 0.81 0.00	50.53 1.02 0.00	60.53 1.30 0.00	84.16 1.82 0.00	82.45 1.77 0.00	195.21 4.14 0.00	171.54 3.98 0.00	119.36 2.63 0.00	78.46 1.59 0.00	82.58 0.98 0.00	62.85 0.75 0.00	60.05 0.55 0.00
FORT_DRUM_COGEN 23780	48.38 2.75 0.00	42.24 2.25 0.00	41.69 2.11 -0.02	40.13 1.94 0.00	37.20 1.73 0.00	37.76 1.73 0.00	42.10 1.93 0.00	40.18 1.90 0.00	44.08 2.08 0.00	39.94 1.63 0.00	42.42 1.87 0.00	46.12 2.03 0.00	50.09 2.13 0.00	50.92 1.41 0.00	61.76 1.94 -0.60	87.47 1.85 -3.28	87.66 1.38 -5.60	203.58 5.21 -7.30	175.02 6.54 -0.92	123.91 6.70 -0.49	81.81 4.49 -0.45	88.16 4.82 -1.73	66.37 3.57 -0.71	63.73 3.35 -0.88
FOX_HILLS___ESR 323835	47.77 2.14 0.00	42.06 2.07 0.00	41.63 2.07 0.00	40.04 1.85 0.00	37.34 1.87 0.00	37.90 1.87 0.00	42.07 1.89 0.00	40.48 2.19 0.00	44.37 2.36 0.00	64.05 2.36 -23.39	56.34 2.78 -13.01	62.79 3.32 -15.38	52.41 3.81 -0.65	53.46 3.95 0.00	63.86 4.62 -0.01	88.82 6.47 0.00	87.51 6.83 0.00	206.92 15.85 0.00	180.89 13.33 0.00	125.31 8.58 0.00	82.16 5.29 0.01	85.86 4.49 0.24	65.45 3.35 0.00	62.48 2.98 0.00
FPL_FAR_ROCK_GT1 24212	48.29 2.65 0.00	42.85 2.86 0.00	42.44 2.89 0.00	40.83 2.64 0.00	37.99 2.52 0.00	38.59 2.56 0.00	42.87 2.70 0.00	41.14 2.85 0.00	45.15 3.14 0.00	64.66 3.06 -23.30	57.22 3.70 -12.96	63.94 4.27 -15.59	54.91 5.18 -1.78	54.92 4.97 -0.43	64.95 5.72 0.00	90.55 8.20 -0.01	88.49 7.80 0.00	209.34 18.26 0.00	183.23 15.67 0.00	126.97 10.22 -0.02	107.58 6.45 -24.25	112.06 5.82 -24.63	103.75 4.14 -37.51	129.56 3.92 -66.14
FPL_FAR_ROCK_GT2 23815	48.29 2.65 0.00	42.85 2.86 0.00	42.44 2.89 0.00	40.83 2.64 0.00	37.99 2.52 0.00	38.59 2.56 0.00	42.87 2.70 0.00	41.14 2.85 0.00	45.15 3.14 0.00	64.66 3.06 -23.30	57.22 3.70 -12.96	63.94 4.27 -15.59	54.91 5.18 -1.78	54.92 4.97 -0.43	64.95 5.72 0.00	90.55 8.20 -0.01	88.49 7.80 0.00	209.34 18.26 0.00	183.23 15.67 0.00	126.97 10.22 -0.02	107.58 6.45 -24.25	112.06 5.82 -24.63	103.75 4.14 -37.51	129.56 3.92 -66.14
FRANKLIN_FALL_HYD 24054	46.62 0.99 0.00	40.79 0.80 0.00	40.34 0.78 0.00	38.97 0.78 0.00	36.17 0.70 0.00	36.71 0.68 0.00	41.02 0.84 0.00	38.82 0.53 0.00	42.76 0.75 0.00	39.01 0.71 0.00	41.29 0.74 0.00	44.81 0.73 0.00	48.37 0.41 0.00	49.85 0.34 0.00	59.04 -0.19 0.00	82.05 -0.29 0.00	80.83 0.15 0.00	190.47 -0.60 0.00	167.82 0.26 0.00	117.36 0.63 0.00	77.65 0.77 0.00	83.74 2.14 0.00	63.48 1.39 0.00	61.18 1.69 0.00

FREEPORT_EQUS_GT1 23764	47.74	42.44	42.05	40.47	37.67	38.24	42.48	40.74	44.69	64.24	56.79	63.44	54.27	53.94	64.04	89.03	87.63	207.21	181.40	125.66	86.92	91.14	74.57	83.63
	2.10	2.45	2.50	2.28	2.20	2.21	2.30	2.45	2.69	2.63	3.28	3.76	4.53	4.23	4.81	6.69	6.95	16.13	13.84	8.92	5.70	5.32	3.73	3.59
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-23.30	-12.96	-15.59	-1.78	-0.19	0.00	0.00	0.00	0.00	0.00	0.00	-4.33	-4.22	-8.74	-20.54
FREEPORT___CT2 23818	47.74	42.44	42.05	40.47	37.67	38.24	42.48	40.74	44.69	64.24	56.79	63.44	54.27	53.94	64.04	89.03	87.63	207.21	181.40	125.66	86.92	91.14	74.57	83.63
	2.10	2.45	2.50	2.28	2.20	2.21	2.30	2.45	2.69	2.63	3.28	3.76	4.53	4.23	4.81	6.69	6.95	16.13	13.84	8.92	5.70	5.32	3.73	3.59
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-23.30	-12.96	-15.59	-1.78	-0.19	0.00	0.00	0.00	0.00	0.00	0.00	-4.33	-4.22	-8.74	-20.54
FRESHKLS_33_KV_LOAD 356253	47.84	42.10	41.68	40.07	37.38	37.94	42.10	40.48	44.38	64.04	56.36	62.82	52.49	53.56	63.99	89.09	87.88	207.86	181.66	125.72	82.38	86.06	65.59	62.59
	2.21	2.12	2.12	1.89	1.91	1.91	1.92	2.20	2.37	2.36	2.80	3.36	3.89	4.05	4.75	6.75	7.20	16.79	14.10	9.00	5.51	4.69	3.49	3.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-23.39	-13.01	-15.38	-0.65	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.24	0.00	0.00
FULTON COGEN____ 23766	44.91	39.29	38.87	37.44	34.75	35.28	39.31	37.58	41.22	37.54	39.75	43.26	47.12	48.59	59.70	88.88	92.80	205.30	167.05	116.20	76.71	84.00	62.56	60.35
	-0.72	-0.70	-0.74	-0.75	-0.72	-0.75	-0.87	-0.70	-0.79	-0.76	-0.80	-0.82	-0.84	-0.92	-0.98	-1.45	-1.50	-3.52	-2.75	-1.71	-1.27	-1.81	-1.26	-1.29
	0.00	0.00	-0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.45	-7.99	-13.62	-17.75	-2.24	-1.19	-1.09	-4.21	-1.72	-2.14
FULTON___LFGE 323630	48.36	42.27	41.71	40.18	37.32	37.93	42.21	39.94	43.79	40.04	41.87	45.35	49.14	50.66	61.42	85.68	82.48	196.72	174.16	123.29	81.89	86.36	65.86	62.96
	2.72	2.28	2.15	1.99	1.85	1.90	2.03	1.65	1.79	1.74	1.32	1.26	1.19	1.15	2.19	3.34	1.79	5.65	6.59	6.56	5.02	5.00	3.76	3.46
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.24	0.00	0.00
G.F.CEMENT___DRP 24184	48.62	42.71	42.23	40.64	37.80	38.46	42.89	41.03	44.85	40.68	43.00	46.52	50.51	52.29	62.99	88.11	85.66	204.02	180.27	125.18	82.26	86.55	65.51	62.59
	2.98	2.72	2.68	2.45	2.33	2.42	2.72	2.74	2.84	2.38	2.45	2.44	2.56	2.78	3.76	5.76	4.98	12.95	12.70	8.45	5.38	4.95	3.42	3.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GARDENVILLE___LBMP 24039	45.07	39.24	38.68	37.19	34.35	34.87	38.82	37.25	40.91	36.82	38.60	41.82	42.33	46.67	48.79	71.67	73.31	180.55	158.58	109.88	68.64	67.20	58.64	57.08
	-0.56	-0.76	-0.88	-1.00	-1.12	-1.17	-1.36	-1.04	-1.09	-1.48	-1.95	-2.26	-2.60	-2.84	-2.90	-4.85	-4.01	-10.52	-8.98	-6.84	-5.17	-6.39	-3.46	-2.42
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.04	0.00	7.54	5.82	3.36	0.00	0.00	0.00	3.07	8.01	0.00	0.00
GARDNVLA_35_KV_LD 355827	45.24	39.36	38.79	37.29	34.45	34.96	38.92	37.34	41.02	36.94	38.77	42.02	43.14	46.93	50.53	73.24	74.43	181.65	159.54	110.56	69.06	67.80	58.91	57.32
	-0.40	-0.63	-0.76	-0.90	-1.02	-1.07	-1.26	-0.95	-0.98	-1.36	-1.78	-2.07	-2.36	-2.58	-2.58	-4.39	-3.53	-9.42	-8.02	-6.17	-4.76	-6.00	-3.18	-2.18
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.46	0.00	6.12	4.72	2.73	0.00	0.00	0.00	3.05	7.80	0.00	0.00
GELCKHM___115KV_LOAD 80723	45.19	39.52	39.05	37.67	34.95	35.50	39.53	37.81	41.44	37.74	39.97	43.52	47.38	48.85	59.10	84.28	84.71	195.38	166.63	116.07	76.37	81.73	61.77	59.31
	-0.45	-0.47	-0.52	-0.52	-0.52	-0.53	-0.64	-0.48	-0.56	-0.56	-0.58	-0.56	-0.57	-0.66	-0.66	-1.00	-0.97	-2.20	-1.75	-1.09	-0.91	-1.42	-0.96	-0.97
	0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.53	-2.93	-5.00	-6.51	-0.82	-0.43	-0.40	-1.54	-0.63	-0.79
GENERAL___MILLS 23808	45.17	39.29	38.74	37.25	34.41	34.92	38.88	37.30	40.98	36.88	38.69	41.93	42.87	46.79	49.99	72.72	74.03	181.14	159.09	110.26	68.87	67.57	58.79	57.23
	-0.47	-0.70	-0.81	-0.94	-1.06	-1.11	-1.30	-0.99	-1.02	-1.42	-1.86	-2.16	-2.47	-2.72	-2.74	-4.61	-3.75	-9.93	-8.47	-6.47	-4.95	-6.17	-3.31	-2.27
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.62	0.00	6.50	5.02	2.90	0.00	0.00	0.00	3.06	7.86	0.00	0.00
GE_PLASTICS___DRP 24183	46.30	40.70	40.34	38.92	36.22	36.82	40.95	39.18	42.84	39.05	41.37	44.91	48.99	50.69	60.74	84.42	82.54	195.56	171.56	119.34	78.48	82.65	62.91	60.19
	0.66	0.71	0.79	0.73	0.75	0.78	0.77	0.90	0.83	0.75	0.82	0.83	1.04	1.17	1.51	2.08	1.86	4.49	4.00	2.61	1.60	1.05	0.81	0.69
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GILBOA___1 23756	46.38	40.73	40.33	38.89	36.18	36.77	40.91	39.15	42.88	39.13	41.47	45.11	49.20	50.86	60.90	84.51	82.37	194.62	170.30	118.60	78.29	82.06	62.92	60.39
	0.75	0.74	0.78	0.70	0.71	0.74	0.73	0.87	0.88	0.83	0.92	1.02	1.25	1.34	1.67	2.17	1.69	3.54	2.74	1.87	1.42	0.76	0.82	0.89
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.30	0.00	0.00
GILBOA___2 23757	46.38	40.73	40.33	38.89	36.18	36.77	40.91	39.15	42.88	39.13	41.47	45.11	49.20	50.86	60.90	84.51	82.37	194.62	170.30	118.60	78.29	82.06	62.92	60.39
	0.75	0.74	0.78	0.70	0.71	0.74	0.73	0.87	0.88	0.83	0.92	1.02	1.25	1.34	1.67	2.17	1.69	3.54	2.74	1.87	1.42	0.76	0.82	0.89
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.30	0.00	0.00
GILBOA___3 23758	46.38	40.73	40.33	38.89	36.18	36.77	40.91	39.15	42.88	39.13	41.47	45.11	49.20	50.86	60.90	84.51	82.37	194.62	170.30	118.60	78.29	82.06	62.92	60.39
	0.75	0.74	0.78	0.70	0.71	0.74	0.73	0.87	0.88	0.83	0.92	1.02	1.25	1.34	1.67	2.17	1.69	3.54	2.74	1.87	1.42	0.76	0.82	0.89
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.30	0.00	0.00
GILBOA___4 23759	46.38	40.73	40.33	38.89	36.18	36.77	40.91	39.15	42.88	39.13	41.47	45.11	49.20	50.86	60.90	84.51	82.37	194.62	170.30	118.60	78.29	82.06	62.92	60.39
	0.75	0.74	0.78	0.70	0.71	0.74	0.73	0.87	0.88	0.83	0.92	1.02	1.25	1.34	1.67	2.17	1.69	3.54	2.74	1.87	1.42	0.76	0.82	0.89
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.30	0.00	0.00

GILBOA____ 23599	46.38 0.75 0.00	40.73 0.74 0.00	40.34 0.78 0.00	38.89 0.70 0.00	36.18 0.71 0.00	36.77 0.74 0.00	40.91 0.73 0.00	39.15 0.87 0.00	42.88 0.88 0.00	39.13 0.83 0.00	41.47 0.92 0.00	45.11 1.03 0.00	49.21 1.25 0.00	50.86 1.34 0.00	60.90 1.68 0.00	84.51 2.17 0.00	82.37 1.69 0.00	194.62 3.55 0.00	170.31 2.75 0.00	118.60 1.88 0.00	78.29 1.43 0.01	82.07 0.77 0.30	62.92 0.83 0.00	60.39 0.89 0.00
GINNA____ 23603	43.49 -2.14 0.00	37.92 -2.07 0.00	37.41 -2.15 0.00	36.01 -2.17 0.00	33.37 -2.10 0.00	33.87 -2.16 0.00	37.72 -2.45 0.00	36.12 -2.17 0.00	39.70 -2.30 0.00	36.01 -2.30 0.00	38.02 -2.54 0.00	41.29 -2.79 0.00	44.98 -2.97 0.00	46.42 -3.09 0.00	55.76 -3.47 0.00	77.13 -5.21 0.00	76.09 -4.60 0.00	180.29 -10.78 0.00	158.49 -9.07 0.00	110.22 -6.50 0.00	70.56 -4.88 1.44	76.72 -6.01 -1.13	58.13 -3.97 0.00	55.99 -3.51 0.00
GLEN PARK____ 23778	48.62 2.99 0.00	42.43 2.44 0.00	41.89 2.30 -0.03	40.32 2.13 0.00	37.36 1.88 0.00	37.91 1.88 0.00	42.28 2.10 0.00	40.37 2.09 0.00	44.33 2.33 0.00	40.09 1.79 0.00	42.62 2.07 0.00	46.39 2.30 0.00	50.40 2.45 0.00	51.13 1.61 0.00	62.07 2.22 -0.63	87.87 2.07 -3.45	87.99 1.42 -5.89	204.35 5.61 -7.67	175.54 7.02 -0.97	124.58 7.34 -0.51	82.30 4.95 -0.47	88.73 5.31 -1.82	66.78 3.94 -0.74	64.10 3.67 -0.93
GLENDALE_27_KV_LOAD 356172	48.02 2.39 0.00	42.28 2.29 0.00	41.84 2.29 0.00	40.26 2.07 0.00	37.54 2.06 0.00	38.12 2.09 0.00	42.31 2.14 0.00	40.73 2.44 0.00	44.63 2.63 0.00	64.31 2.62 -23.39	56.57 3.00 -13.01	62.98 3.51 -15.38	52.58 3.98 -0.65	53.56 4.05 0.00	64.00 4.78 0.00	89.05 6.71 0.00	87.67 6.99 0.00	207.27 16.19 0.00	181.25 13.69 0.00	125.66 8.94 0.00	82.44 5.58 0.01	86.22 4.85 0.24	65.77 3.67 0.00	62.78 3.28 0.00
GLENWOOD_IC_1_G5 23712	47.80 2.16 0.00	42.31 2.32 0.00	41.91 2.35 0.00	40.34 2.15 0.00	37.56 2.09 0.00	38.14 2.11 0.00	42.38 2.21 0.00	40.69 2.40 0.00	44.64 2.63 0.00	64.18 2.58 -23.30	56.64 3.12 -12.96	63.29 3.62 -15.59	53.92 4.18 -1.78	53.74 4.08 -0.14	63.97 4.74 0.00	89.03 6.69 0.00	87.66 6.98 0.00	207.21 16.14 0.00	181.22 13.65 0.00	125.56 8.84 0.00	84.24 5.48 -1.88	88.17 4.86 -1.71	70.17 3.86 -4.22	74.10 3.59 -11.02
GLENWOOD_IC_2_G1 23688	47.68 2.04 0.00	42.12 2.13 0.00	41.73 2.17 0.00	40.17 1.98 0.00	37.42 1.95 0.00	37.99 1.96 0.00	42.22 2.04 0.00	40.53 2.24 0.00	44.44 2.44 0.00	64.00 2.40 -23.30	56.38 2.87 -12.96	62.99 3.32 -15.59	53.66 3.93 -1.78	53.54 3.94 -0.09	63.87 4.64 0.00	88.89 6.55 0.00	87.43 6.75 0.00	206.68 15.61 0.00	180.85 13.29 0.00	125.41 8.68 0.00	82.27 5.40 0.01	86.14 4.77 0.24	65.57 3.47 0.00	63.42 3.12 -0.80
GLENWOOD_IC_3_G1 23689	47.68 2.04 0.00	42.12 2.13 0.00	41.73 2.17 0.00	40.17 1.98 0.00	37.42 1.95 0.00	37.99 1.96 0.00	42.22 2.04 0.00	40.53 2.24 0.00	44.44 2.44 0.00	64.00 2.40 -23.30	56.38 2.87 -12.96	62.99 3.32 -15.59	53.66 3.93 -1.78	53.54 3.94 -0.09	63.87 4.64 0.00	88.89 6.55 0.00	87.43 6.75 0.00	206.68 15.61 0.00	180.85 13.29 0.00	125.41 8.68 0.00	82.27 5.40 0.01	86.14 4.77 0.24	65.57 3.47 0.00	63.42 3.12 -0.80
GLENWOOD____4 23550	47.80 2.16 0.00	42.31 2.32 0.00	41.91 2.35 0.00	40.34 2.15 0.00	37.56 2.09 0.00	38.14 2.11 0.00	42.38 2.21 0.00	40.69 2.40 0.00	44.64 2.63 0.00	64.18 2.58 -23.30	56.64 3.12 -12.96	63.30 3.63 -15.59	53.98 4.24 -1.78	53.85 4.20 -0.14	64.10 4.88 0.00	89.23 6.89 0.00	87.84 7.16 0.00	207.65 16.58 0.00	181.59 14.03 0.00	125.85 9.12 0.00	84.43 5.66 -1.88	88.35 5.03 -1.71	70.17 3.86 -4.22	74.10 3.59 -11.02
GLENWOOD____5 23614	47.80 2.16 0.00	42.31 2.32 0.00	41.91 2.35 0.00	40.34 2.15 0.00	37.56 2.09 0.00	38.14 2.11 0.00	42.38 2.21 0.00	40.69 2.40 0.00	44.64 2.63 0.00	64.18 2.58 -23.30	56.64 3.12 -12.96	63.30 3.63 -15.59	53.98 4.24 -1.78	53.85 4.20 -0.14	64.10 4.88 0.00	89.23 6.89 0.00	87.84 7.16 0.00	207.65 16.58 0.00	181.59 14.03 0.00	125.85 9.12 0.00	84.43 5.66 -1.88	88.35 5.03 -1.71	70.17 3.86 -4.22	74.10 3.59 -11.02
GLOBAL GREEN_PORT_GT1 23814	48.40 2.77 0.00	43.33 3.34 0.00	42.98 3.42 0.00	41.23 3.05 0.00	38.73 3.26 0.00	39.42 3.39 0.00	44.05 3.87 0.00	41.93 3.64 0.00	46.29 4.28 0.00	65.97 4.36 -23.30	58.21 4.70 -12.96	64.96 5.29 -15.59	56.48 6.74 -1.78	56.05 6.48 -0.06	66.47 7.24 0.00	92.40 10.05 -0.01	130.54 10.57 -39.29	267.42 24.79 -51.56	320.63 21.02 -132.05	132.17 12.70 -2.74	81.72 7.52 2.69	84.59 7.61 4.64	60.46 4.78 6.42	59.07 4.19 4.62
GLOBE____DSASP 323697	43.81 -1.83 0.00	38.16 -1.83 0.00	37.62 -1.93 0.00	36.16 -2.03 0.00	33.47 -2.00 0.00	33.97 -2.06 0.00	37.77 -2.40 0.00	36.21 -2.08 0.00	39.80 -2.21 0.00	35.67 -2.63 0.00	37.41 -3.14 0.00	40.47 -3.61 2.01	41.92 -4.03 0.00	45.20 -4.31 0.00	49.42 -4.81 4.99	70.33 -8.15 3.85	71.51 -6.95 2.23	173.21 -17.86 0.00	151.55 -16.01 0.00	104.95 -11.77 0.00	65.71 -8.46 2.71	62.77 -9.87 8.97	56.29 -5.81 0.00	55.14 -4.36 0.00
GOETHSLN____LBMP 323567	47.60 1.97 0.00	41.90 1.91 0.00	41.49 1.93 0.00	39.93 1.74 0.00	37.24 1.77 0.00	37.80 1.77 0.00	41.99 1.81 0.00	40.38 2.10 0.00	44.28 2.28 0.00	63.97 2.25 -23.41	56.17 2.59 -13.02	62.52 3.03 -15.40	52.09 3.50 -0.64	53.13 3.62 0.00	63.59 4.36 0.00	88.45 6.10 0.00	87.06 6.37 0.00	205.70 14.63 0.00	179.86 12.30 0.00	124.85 8.12 0.00	81.88 5.01 0.01	85.65 4.28 0.24	65.31 3.22 0.00	62.29 2.80 0.00
GOLAH____69_KV_TB 1_2 80279	45.76 0.13 0.00	39.88 -0.11 0.00	39.32 -0.24 0.00	37.83 -0.35 0.00	35.04 -0.43 0.00	35.55 -0.48 0.00	39.59 -0.58 0.00	37.93 -0.36 0.00	41.70 -0.30 0.00	37.65 -0.66 0.00	39.64 -0.91 0.00	42.96 -1.13 0.00	46.74 -1.22 0.00	48.18 -1.33 0.00	58.00 -1.23 0.00	80.08 -2.26 0.00	79.17 -1.51 0.00	187.18 -3.90 0.00	164.72 -2.84 0.00	114.54 -2.19 0.00	73.33 -1.99 1.56	79.10 -2.95 -0.44	60.73 -1.36 0.00	58.68 -0.82 0.00
GOODYEAR_LAKE_HYD 323669	47.15 1.51 0.00	41.24 1.25 0.00	40.74 1.19 0.00	39.27 1.08 0.00	36.50 1.03 0.00	37.08 1.05 0.00	41.30 1.12 0.00	39.50 1.22 0.00	43.40 1.39 0.00	39.65 1.35 0.00	41.96 1.41 0.00	45.68 1.60 0.00	49.88 1.93 0.00	51.39 1.88 0.00	61.33 2.10 0.00	85.17 2.83 0.00	83.68 3.00 0.00	197.70 6.63 0.00	173.30 5.73 0.00	120.92 4.19 0.00	79.63 2.78 0.03	83.38 2.45 0.67	64.12 2.02 0.00	61.38 1.88 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	45.90 0.26 0.00	40.12 0.13 0.00	39.65 0.08 -0.01	38.24 0.05 0.00	35.47 0.00 0.00	36.02 -0.01 0.00	40.14 -0.03 0.00	38.44 0.15 0.00	42.05 0.05 0.00	38.31 0.01 0.00	40.42 -0.14 0.00	44.13 0.05 0.00	48.11 0.15 0.00	49.61 0.09 0.00	59.77 0.23 -0.31	84.26 0.19 -1.73	83.89 0.27 -2.95	195.17 0.26 -3.84	168.33 0.29 -0.49	117.04 0.06 -0.26	75.39 -0.27 1.22	79.95 -0.81 0.85	62.20 -0.27 -0.37	59.65 -0.31 -0.46

GOUDEY___7 23579	45.90 0.26 0.00	40.12 0.13 0.00	39.65 0.08 -0.01	38.24 0.05 0.00	35.47 0.00 0.00	36.02 -0.01 0.00	40.14 -0.03 0.00	38.44 0.15 0.00	42.05 0.05 0.00	38.31 0.01 0.00	40.42 -0.14 0.00	44.13 0.05 0.00	48.11 0.15 0.00	49.61 0.09 0.00	59.77 0.23 -0.31	84.26 0.19 -1.73	83.89 0.27 -2.95	195.17 0.26 -3.84	168.33 0.29 -0.49	117.04 0.06 -0.26	75.39 -0.27 1.22	79.95 -0.81 0.85	62.20 -0.27 -0.37	59.65 -0.31 -0.46
GOUDEY___8 23580	45.90 0.26 0.00	40.12 0.13 0.00	39.65 0.08 -0.01	38.24 0.05 0.00	35.47 0.00 0.00	36.02 -0.01 0.00	40.14 -0.03 0.00	38.44 0.15 0.00	42.05 0.05 0.00	38.31 0.01 0.00	40.42 -0.14 0.00	44.13 0.05 0.00	48.11 0.15 0.00	49.61 0.09 0.00	59.77 0.23 -0.31	84.26 0.19 -1.73	83.89 0.27 -2.95	195.17 0.26 -3.84	168.33 0.29 -0.49	117.04 0.06 -0.26	75.39 -0.27 1.22	79.95 -0.81 0.85	62.20 -0.27 -0.37	59.65 -0.31 -0.46
GOWANUS_GT1_1 24077	47.87 2.23 0.00	42.13 2.14 0.00	41.71 2.15 0.00	40.11 1.92 0.00	37.41 1.94 0.00	37.98 1.95 0.00	42.18 2.01 0.00	40.59 2.31 0.00	44.50 2.49 0.00	64.17 2.48 -23.39	56.46 2.90 -13.01	62.87 3.41 -15.38	52.50 3.89 -0.65	53.52 4.00 0.00	63.93 4.70 -0.01	88.92 6.57 0.00	87.53 6.85 0.00	206.89 15.82 0.00	180.91 13.34 0.00	125.44 8.71 0.00	82.27 5.41 0.01	86.00 4.62 0.24	65.57 3.47 0.00	62.61 3.11 0.00
GOWANUS_GT1_2 24078	47.87 2.23 0.00	42.13 2.14 0.00	41.71 2.15 0.00	40.11 1.92 0.00	37.41 1.94 0.00	37.98 1.95 0.00	42.18 2.01 0.00	40.59 2.31 0.00	44.50 2.49 0.00	64.17 2.48 -23.39	56.46 2.90 -13.01	62.87 3.41 -15.38	52.50 3.89 -0.65	53.52 4.00 0.00	63.93 4.70 -0.01	88.92 6.57 0.00	87.53 6.85 0.00	206.89 15.82 0.00	180.91 13.34 0.00	125.44 8.71 0.00	82.27 5.41 0.01	86.00 4.62 0.24	65.57 3.47 0.00	62.61 3.11 0.00
GOWANUS_GT1_3 24079	47.87 2.23 0.00	42.13 2.14 0.00	41.71 2.15 0.00	40.11 1.92 0.00	37.41 1.94 0.00	37.98 1.95 0.00	42.18 2.01 0.00	40.59 2.31 0.00	44.50 2.49 0.00	64.17 2.48 -23.39	56.46 2.90 -13.01	62.87 3.41 -15.38	52.50 3.89 -0.65	53.52 4.00 0.00	63.93 4.70 -0.01	88.92 6.57 0.00	87.53 6.85 0.00	206.89 15.82 0.00	180.91 13.34 0.00	125.44 8.71 0.00	82.27 5.41 0.01	86.00 4.62 0.24	65.57 3.47 0.00	62.61 3.11 0.00
GOWANUS_GT1_4 24080	47.87 2.23 0.00	42.13 2.14 0.00	41.71 2.15 0.00	40.11 1.92 0.00	37.41 1.94 0.00	37.98 1.95 0.00	42.18 2.01 0.00	40.59 2.31 0.00	44.50 2.49 0.00	64.17 2.48 -23.39	56.46 2.90 -13.01	62.87 3.41 -15.38	52.50 3.89 -0.65	53.52 4.00 0.00	63.93 4.70 -0.01	88.92 6.57 0.00	87.53 6.85 0.00	206.89 15.82 0.00	180.91 13.34 0.00	125.44 8.71 0.00	82.27 5.41 0.01	86.00 4.62 0.24	65.57 3.47 0.00	62.61 3.11 0.00
GOWANUS_GT1_5 24084	47.87 2.23 0.00	42.13 2.14 0.00	41.71 2.15 0.00	40.11 1.92 0.00	37.41 1.94 0.00	37.98 1.95 0.00	42.18 2.01 0.00	40.59 2.31 0.00	44.50 2.49 0.00	64.17 2.48 -23.39	56.46 2.90 -13.01	62.87 3.41 -15.38	52.50 3.89 -0.65	53.52 4.00 0.00	63.93 4.70 -0.01	88.92 6.57 0.00	87.53 6.85 0.00	206.89 15.82 0.00	180.91 13.34 0.00	125.44 8.71 0.00	82.27 5.41 0.01	86.00 4.62 0.24	65.57 3.47 0.00	62.61 3.11 0.00
GOWANUS_GT1_6 24111	47.87 2.23 0.00	42.13 2.14 0.00	41.71 2.15 0.00	40.11 1.92 0.00	37.41 1.94 0.00	37.98																		

GOWANUS_GT2_6 24119	47.86	42.13	41.70	40.11	37.41	37.98	42.18	40.59	44.50	64.17	56.46	62.86	52.48	53.52	63.93	88.90	87.53	206.91	180.93	125.43	82.28	86.02	65.57	62.61
	2.23	2.14	2.14	1.92	1.94	1.95	2.01	2.31	2.49	2.48	2.90	3.40	3.88	4.00	4.70	6.56	6.85	15.83	13.37	8.71	5.41	4.65	3.47	3.12
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-23.39	-13.01	-15.38	-0.65	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.24	0.00	0.00
GOWANUS_GT2_7 24120	47.86	42.13	41.70	40.11	37.41	37.98	42.18	40.59	44.50	64.17	56.46	62.86	52.48	53.52	63.93	88.90	87.53	206.91	180.93	125.43	82.28	86.02	65.57	62.61
	2.23	2.14	2.14	1.92	1.94	1.95	2.01	2.31	2.49	2.48	2.90	3.40	3.88	4.00	4.70	6.56	6.85	15.83	13.37	8.71	5.41	4.65	3.47	3.12
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-23.39	-13.01	-15.38	-0.65	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.24	0.00	0.00
GOWANUS_GT2_8 24121	47.86	42.13	41.70	40.11	37.41	37.98	42.18	40.59	44.50	64.17	56.46	62.86	52.48	53.52	63.93	88.90	87.53	206.91	180.93	125.43	82.28	86.02	65.57	62.61
	2.23	2.14	2.14	1.92	1.94	1.95	2.01	2.31	2.49	2.48	2.90	3.40	3.88	4.00	4.70	6.56	6.85	15.83	13.37	8.71	5.41	4.65	3.47	3.12
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-23.39	-13.01	-15.38	-0.65	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.24	0.00	0.00
GOWANUS_GT3_1 24122	47.86	42.13	41.70	40.11	37.41	37.98	42.18	40.59	44.50	64.17	56.46	62.86	52.48	53.52	63.93	88.90	87.53	206.91	180.93	125.43	82.28	86.02	65.57	62.61
	2.23	2.14	2.14	1.92	1.94	1.95	2.01	2.31	2.49	2.48	2.90	3.40	3.88	4.00	4.70	6.56	6.85	15.83	13.37	8.71	5.41	4.65	3.47	3.12
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-23.39	-13.01	-15.38	-0.65	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.24	0.00	0.00
GOWANUS_GT3_2 24123	47.86	42.13	41.70	40.11	37.41	37.98	42.18	40.59	44.50	64.17	56.46	62.86	52.48	53.52	63.93	88.90	87.53	206.91	180.93	125.43	82.28	86.02	65.57	62.61
	2.23	2.14	2.14	1.92	1.94	1.95	2.01	2.31	2.49	2.48	2.90	3.40	3.88	4.00	4.70	6.56	6.85	15.83	13.37	8.71	5.41	4.65	3.47	3.12
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-23.39	-13.01	-15.38	-0.65	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.24	0.00	0.00
GOWANUS_GT3_3 24124	47.86	42.13	41.70	40.11	37.41	37.98	42.18	40.59	44.50	64.17	56.46	62.86	52.48	53.52	63.93	88.90	87.53	206.91	180.93	125.43	82.28	86.02	65.57	62.61
	2.23	2.14	2.14	1.92	1.94	1.95	2.01	2.31	2.49	2.48	2.90	3.40	3.88	4.00	4.70	6.56	6.85	15.83	13.37	8.71	5.41	4.65	3.47	3.12
	0.00	0.00	0.00</																					

GOWANUS_GT4_5 24134	47.87 2.23 0.00	42.13 2.14 0.00	41.71 2.15 0.00	40.11 1.92 0.00	37.41 1.94 0.00	37.98 1.95 0.00	42.18 2.01 0.00	40.59 2.31 0.00	44.50 2.49 0.00	64.17 2.48 -23.39	56.46 2.90 -13.01	62.87 3.41 -15.38	52.50 3.89 -0.65	53.52 4.00 0.00	63.93 4.70 -0.01	88.92 6.57 0.00	87.53 6.85 0.00	206.89 15.82 0.00	180.91 13.34 0.00	125.44 8.71 0.00	82.27 5.41 0.01	86.00 4.62 0.24	65.57 3.47 0.00	62.61 3.11 0.00
GOWANUS_GT4_6 24135	47.87 2.23 0.00	42.13 2.14 0.00	41.71 2.15 0.00	40.11 1.92 0.00	37.41 1.94 0.00	37.98 1.95 0.00	42.18 2.01 0.00	40.59 2.31 0.00	44.50 2.49 0.00	64.17 2.48 -23.39	56.46 2.90 -13.01	62.87 3.41 -15.38	52.50 3.89 -0.65	53.52 4.00 0.00	63.93 4.70 -0.01	88.92 6.57 0.00	87.53 6.85 0.00	206.89 15.82 0.00	180.91 13.34 0.00	125.44 8.71 0.00	82.27 5.41 0.01	86.00 4.62 0.24	65.57 3.47 0.00	62.61 3.11 0.00
GOWANUS_GT4_7 24136	47.87 2.23 0.00	42.13 2.14 0.00	41.71 2.15 0.00	40.11 1.92 0.00	37.41 1.94 0.00	37.98 1.95 0.00	42.18 2.01 0.00	40.59 2.31 0.00	44.50 2.49 0.00	64.17 2.48 -23.39	56.46 2.90 -13.01	62.87 3.41 -15.38	52.50 3.89 -0.65	53.52 4.00 0.00	63.93 4.70 -0.01	88.92 6.57 0.00	87.53 6.85 0.00	206.89 15.82 0.00	180.91 13.34 0.00	125.44 8.71 0.00	82.27 5.41 0.01	86.00 4.62 0.24	65.57 3.47 0.00	62.61 3.11 0.00
GOWANUS_GT4_8 24137	47.87 2.23 0.00	42.13 2.14 0.00	41.71 2.15 0.00	40.11 1.92 0.00	37.41 1.94 0.00	37.98 1.95 0.00	42.18 2.01 0.00	40.59 2.31 0.00	44.50 2.49 0.00	64.17 2.48 -23.39	56.46 2.90 -13.01	62.87 3.41 -15.38	52.50 3.89 -0.65	53.52 4.00 0.00	63.93 4.70 -0.01	88.92 6.57 0.00	87.53 6.85 0.00	206.89 15.82 0.00	180.91 13.34 0.00	125.44 8.71 0.00	82.27 5.41 0.01	86.00 4.62 0.24	65.57 3.47 0.00	62.61 3.11 0.00
GREATVRV_69_KV_BK1 356245	48.07 2.43 0.00	43.05 3.06 0.00	42.69 3.13 0.00	41.01 2.83 0.00	38.16 2.69 0.00	38.76 2.73 0.00	43.14 2.96 0.00	41.30 3.01 0.00	45.39 3.39 0.00	64.80 3.20 -23.30	57.54 4.02 -12.96	64.26 4.59 -15.59	55.40 5.66 -1.78	55.00 5.42 -0.07	65.10 5.87 0.00	90.74 8.39 -0.01	114.49 8.50 -25.32	245.26 19.96 -34.23	267.84 17.21 -83.08	129.77 11.11 -1.93	80.81 7.15 3.22	83.68 6.57 4.49	61.19 4.63 5.54	60.80 4.47 3.16
GREENBSH_115KV_TB3 55895	46.20 0.56 0.00	40.63 0.64 0.00	40.31 0.76 0.00	38.90 0.71 0.00	36.21 0.74 0.00	36.82 0.78 0.00	40.92 0.75 0.00	39.17 0.89 0.00	42.78 0.78 0.00	38.99 0.69 0.00	41.31 0.75 0.00	44.80 0.72 0.00	48.88 0.93 0.00	50.60 1.09 0.00	60.64 1.41 0.00	84.31 1.97 0.00	82.40 1.72 0.00	195.22 4.15 0.00	171.38 3.82 0.00	119.22 2.49 0.00	78.33 1.45 0.00	82.45 0.84 0.00	62.74 0.64 0.00	59.97 0.47 0.00
GREENDGE_115KV_TB5 80291	46.21 0.58 0.00	40.29 0.30 0.00	39.72 0.15 -0.01	38.28 0.09 0.00	35.44 -0.03 0.00	35.98 -0.05 0.00	40.09 -0.08 0.00	38.42 0.13 0.00	42.05 0.05 0.00	38.13 -0.17 0.00	40.23 -0.32 0.00	43.79 -0.29 0.00	50.94 -0.78 -3.76	48.98 -0.54 0.00	67.75 -1.03 -9.56	89.20 -1.74 -8.59	85.88 -1.39 -6.58	191.18 -3.09 -3.20	165.86 -2.11 -0.40	116.09 -0.85 -0.21	68.59 -0.76 7.52	79.09 -1.47 1.05	61.69 -0.72 -0.31	59.10 -0.79 -0.39
GREENIDGE___3 23582	46.21 0.58 0.00	40.29 0.30 0.00	39.72 0.15 -0.01	38.28 0.09 0.00	35.44 -0.03 0.00	35.98 -0.05 0.00	40.09 -0.08 0.00	38.42 0.13 0.00	42.05 0.05 0.00	38.13 -0.17 0.00	40.23 -0.32 0.00	43.79 -0.29 0.00	50.94 -0.78 -3.76	48.98 -0.54 0.00	67.75 -1.03 -9.56	89.20 -1.74 -8.59	85.88 -1.39 -6.58	191.18 -3.09 -3.20	165.86 -2.11 -0.40	116.09 -0.85 -0.21	68.59 -0.76 7.52	79.09 -1.47 1.05	61.69 -0.72 -0.31	59.10 -0.79 -0.39
GREENIDGE___4 23583	46.21 0.57 0.00	40.29 0.30 0.00	39.72 0.15 -0.01	38.28 0.09 0.00	35.44 -0.03 0.00	35.98 -0.05 0.00	40.10 -0.07 0.00	38.42 0.13 0.00	42.05 0.05 0.00	38.14 -0.17 0.00	40.23 -0.32 0.00	43.79 -0.29 0.00	50.94 -0.78 -3.76	48.96 -0.55 0.00	67.75 -1.04 -9.56	89.21 -1.73 -8.59	85.88 -1.39 -6.58	191.22 -3.05 -3.20	165.84 -2.13 -0.40	116.10 -0.84 -0.21	68.59 -0.76 7.52	79.06 -1.50 1.05	61.68 -0.72 -0.31	59.10 -0.79 -0.39
GREENLWN_69_KV_BK 3 55738	46.94 1.31 0.00	42.05 2.07 0.00	41.76 2.21 0.00	40.17 1.98 0.00	37.39 1.92 0.00	37.98 1.95 0.00	42.17 2.00 0.00	40.38 2.10 0.00	44.30 2.30 0.00	63.83 2.22 -23.30	56.55 3.04 -12.96	63.15 3.48 -15.59	53.91 4.17 -1.78	53.41 3.83 -0.06	63.05 3.82 0.00	87.89 5.56 0.01	67.67 6.06 19.07	170.14 13.79 34.72	124.67 11.61 54.50	120.75 7.00 2.98	74.24 4.29 6.93	77.63 3.56 7.54	58.67 2.48 5.90	58.18 2.48 3.80
GREENWD_138_KV_38B11_REV_LBMP_J 345004	47.87 2.23 0.00	42.13 2.14 0.00	41.71 2.15 0.00	40.11 1.92 0.00	37.41 1.94 0.00	37.98 1.95 0.00	42.18 2.01 0.00	40.59 2.31 0.00	44.50 2.49 0.00	64.17 2.48 -23.39	56.46 2.90 -13.01	62.87 3.41 -15.38	52.50 3.89 -0.65	53.52 4.00 0.00	63.93 4.70 -0.01	88.92 6.57 0.00	87.53 6.85 0.00	206.89 15.82 0.00	180.91 13.34 0.00	125.44 8.71 0.00	82.27 5.41 0.01	86.00 4.62 0.24	65.57 3.47 0.00	62.61 3.11 0.00
GRISSOM___SOLAR 323813	48.25 2.62 0.00	42.21 2.22 0.00	41.68 2.12 0.00	40.15 1.96 0.00	37.31 1.83 0.00	37.91 1.88 0.00	42.19 2.02 0.00	39.93 1.64 0.00	43.73 1.72 0.00	39.95 1.65 0.00	41.72 1.17 0.00	45.20 1.12 0.00	48.88 0.92 0.00	50.44 0.92 0.00	61.32 2.09 0.00	85.40 3.06 0.00	81.90 1.21 0.00	195.80 4.72 0.00	173.47 5.91 0.00	123.01 6.28 0.00	81.76 4.89 0.01	86.18 4.81 0.23	65.70 3.61 0.00	62.81 3.31 0.00
GROVEVILLE___HYD 323602	47.92 2.29 0.00	42.11 2.12 0.00	41.69 2.14 0.00	40.13 1.94 0.00	37.38 1.91 0.00	37.96 1.93 0.00	42.20 2.03 0.00	40.52 2.24 0.00	44.43 2.42 0.00	40.68 2.38 0.00	43.26 2.71 0.00	47.21 3.12 0.00	51.64 3.69 0.00	53.38 3.87 0.00	63.99 4.76 0.00	89.14 6.79 0.00	87.65 6.97 0.00	207.41 16.33 0.00	181.79 14.22 0.00	126.08 9.36 0.00	82.67 5.80 0.01	86.44 5.08 0.23	65.82 3.72 0.00	62.73 3.23 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	45.54 -0.09 0.00	39.81 -0.18 0.00	39.34 -0.25 -0.03	37.94 -0.25 0.00	35.21 -0.27 0.00	35.75 -0.28 0.00	39.82 -0.36 0.00	38.10 -0.19 0.00	41.74 -0.26 0.00	38.01 -0.30 0.00	40.27 -0.29 0.00	43.87 -0.22 0.00	47.74 -0.21 0.00	49.22 -0.30 0.00	59.82 -0.22 -0.81	86.47 -0.35 -4.47	87.98 -0.33 -7.63	200.35 -0.66 -9.94	168.35 -0.47 -1.26	117.28 -0.11 -0.66	77.22 -0.27 -0.61	83.21 -0.75 -2.36	62.60 -0.46 -0.96	60.16 -0.54 -1.20
HAMLTNNY_34_KV_TB 80303	45.73 0.10 0.00	39.91 -0.08 0.00	39.44 -0.15 -0.03	38.01 -0.18 0.00	35.26 -0.21 0.00	35.81 -0.22 0.00	39.87 -0.31 0.00	38.15 -0.13 0.00	41.82 -0.18 0.00	38.04 -0.26 0.00	40.26 -0.29 0.00	43.83 -0.26 0.00	47.67 -0.28 0.00	49.06 -0.45 0.00	59.68 -0.32 -0.78	86.09 -0.55 -4.29	87.58 -0.42 -7.31	199.70 -0.90 -9.53	167.90 -0.86 -1.20	117.11 -0.26 -0.64	77.05 -0.41 -0.59	82.94 -0.92 -2.26	62.53 -0.49 -0.92	60.16 -0.48 -1.15

HAMPSHIRE___PAPER_HYD 323593	47.20 1.56 0.00	41.26 1.28 0.00	40.76 1.19 -0.01	39.32 1.13 0.00	36.46 0.99 0.00	37.01 0.98 0.00	41.32 1.15 0.00	39.20 0.92 0.00	43.09 1.09 0.00	39.22 0.92 0.00	41.47 0.91 0.00	45.05 0.97 0.00	48.78 0.83 0.00	49.89 0.37 0.00	59.84 0.37 -0.25	84.00 0.29 -1.37	83.47 0.46 -2.33	195.72 1.61 -3.04	170.44 2.49 -0.38	119.79 2.86 -0.20	79.14 2.07 -0.19	85.22 2.90 -0.72	64.46 2.07 -0.29	61.98 2.12 -0.37
HARDSCRABBLE_WT_PWR 323673	46.41 0.77 0.00	40.77 0.77 0.00	40.45 0.89 0.00	38.98 0.80 0.00	36.28 0.80 0.00	36.91 0.88 0.00	41.08 0.91 0.00	39.20 0.91 0.00	42.76 0.76 0.00	39.09 0.78 0.00	41.16 0.61 0.00	44.61 0.52 0.00	48.58 0.63 0.00	50.27 0.75 0.00	60.65 1.42 0.00	83.86 1.52 0.00	80.77 0.09 0.00	193.39 2.32 0.00	171.50 3.94 0.00	119.89 3.16 0.00	79.27 2.39 0.00	83.26 1.65 0.00	63.20 1.11 0.00	60.28 0.79 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	47.65 2.02 0.00	41.84 1.85 0.00	41.43 1.87 0.00	39.89 1.71 0.00	37.17 1.70 0.00	37.73 1.70 0.00	41.93 1.75 0.00	40.27 1.98 0.00	44.14 2.14 0.00	15.76 2.12 24.66	29.25 2.41 13.72	30.71 2.85 16.22	50.70 3.43 0.68	53.11 3.60 0.00	63.69 4.46 0.00	88.74 6.40 0.00	87.25 6.56 0.00	206.33 15.26 0.00	180.64 13.08 0.00	125.29 8.57 0.00	82.09 5.22 0.01	85.88 4.52 0.25	65.44 3.34 0.00	62.41 2.91 0.00
HARSNRAD_115KV_TB1 81005	44.68 -0.95 0.00	38.97 -1.02 0.00	38.45 -1.11 0.00	36.96 -1.23 0.00	34.18 -1.29 0.00	34.68 -1.35 0.00	38.57 -1.60 0.00	36.98 -1.30 0.00	40.66 -1.35 0.00	36.33 -1.97 0.00	37.90 -2.65 0.00	40.93 -3.15 0.00	42.43 -3.51 2.02	45.62 -3.89 0.00	50.05 -4.16 5.02	71.64 -6.83 3.87	72.78 -5.67 2.24	176.33 -14.74 0.00	154.67 -12.89 0.00	107.22 -9.51 0.00	67.38 -6.91 2.59	66.48 -8.22 6.90	57.43 -4.67 0.00	56.31 -3.18 0.00
HARZA MOOSE___RIVER 24016	47.42 1.79 0.00	41.48 1.49 0.00	40.98 1.41 -0.01	39.49 1.30 0.00	36.66 1.19 0.00	37.24 1.21 0.00	41.52 1.34 0.00	39.59 1.30 0.00	43.43 1.43 0.00	39.58 1.28 0.00	41.83 1.27 0.00	45.40 1.32 0.00	49.40 1.44 0.00	50.66 1.14 0.00	60.83 1.39 -0.21	85.33 1.80 -1.19	84.50 1.80 -2.03	198.76 5.05 -2.64	173.18 5.29 -0.33	121.65 4.75 -0.18	80.14 3.10 -0.16	85.41 3.18 -0.63	64.65 2.30 -0.26	62.00 2.18 -0.32
HDSNBRDG_115KV_BRDG_TB1 355580	45.14 -0.49 0.00	39.48 -0.51 0.00	39.01 -0.56 -0.02	37.61 -0.57 0.00	34.91 -0.57 0.00	35.45 -0.59 0.00	39.48 -0.69 0.00	37.76 -0.52 0.00	41.40 -0.61 0.00	37.71 -0.60 0.00	39.91 -0.64 0.00	43.45 -0.63 0.00	47.34 -0.61 0.00	48.84 -0.67 0.00	58.98 -0.69 -0.44	83.72 -1.06 -2.43	83.81 -1.02 -4.15	194.11 -2.37 -5.41	166.38 -1.86 -0.68	115.87 -1.22 -0.36	76.19 -1.02 -0.33	81.32 -1.57 -1.28	61.58 -1.04 -0.52	59.09 -1.07 -0.65
HELLGATE_13_KV_LD 55870	48.12 2.48 0.00	42.38 2.39 0.00	41.95 2.40 0.00	40.34 2.15 0.00	37.62 2.15 0.00	38.21 2.18 0.00	42.40 2.23 0.00	40.83 2.54 0.00	44.75 2.74 -23.39	64.39 2.70 -13.01	56.67 3.11 -13.01	63.09 3.63 -15.38	52.71 4.11 -0.65	53.70 4.18 0.00	64.16 4.93 0.00	89.23 6.89 0.00	87.86 7.18 0.00	207.70 16.63 0.00	181.68 14.12 0.00	125.91 9.18 0.00	82.61 5.74 0.01	86.41 5.04 0.24	65.89 3.80 0.00	62.89 3.39 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	48.12 2.48 0.00	42.38 2.39 0.00	41.95 2.40 0.00	40.34 2.15 0.00	37.62 2.15 0.00	38.21 2.18 0.00	42.40 2.23 0.00	40.83 2.54 0.00	44.75 2.74 0.00	64.39 2.70 -23.39	56.67 3.11 -13.01	63.09 3.63 -15.38	52.71 4.11 -0.65	53.70 4.18 0.00	64.16 4.93 0.00	89.23 6.89 0.00	87.86 7.18 0.00	207.70 16.63 0.00	181.68 14.12 0.00	125.91 9.18 0.00	82.61 5.74 0.01	86.41 5.04 0.24	65.89 3.80 0.00	62.89 3.39 0.00
HEMPSTEAD____ 23647	47.42 1.78 0.00	42.11 2.12 0.00	41.73 2.17 0.00	40.18 1.99 0.00	37.41 1.94 0.00	37.98 1.95 0.00	42.20 2.03 0.00	40.48 2.20 0.00	44.41 2.40 -23.30	63.97 2.36 -12.96	56.48 2.96 -15.59	63.09 3.42 -1.78	53.85 4.11 -0.16	53.63 3.96 0.00	63.73 4.50 0.00	88.73 6.39 0.00	87.32 6.64 0.00	206.42 15.35 0.00	180.61 13.05 0.00	125.12 8.39 0.00	84.11 5.25 -1.98	88.08 4.67 -1.80	70.55 3.35 -5.11	76.79 3.07 -14.22
HICKLING___1 23621	46.01 0.37 0.00	40.09 0.10 0.00	39.54 -0.03 -0.01	38.12 -0.07 0.00	35.27 -0.20 0.00	35.80 -0.23 0.00	39.92 -0.26 0.00	38.23 -0.06 0.00	41.79 -0.22 0.00	37.97 -0.33 0.00	39.99 -0.57 0.00	43.65 -0.44 0.00	48.72 -0.64 -1.40	48.83 -0.68 0.00	62.05 -0.64 -3.46	85.03 -1.06 -3.76	83.50 -0.95 -3.77	192.34 -1.90 -3.17	166.39 -1.57 -0.40	115.63 -1.31 -0.21	68.60 -1.27 7.00	77.57 -1.87 2.16	61.46 -0.94 -0.31	58.85 -1.04 -0.38
HICKLING___2 23622	46.01 0.37 0.00	40.09 0.10 0.00	39.54 -0.03 -0.01	38.12 -0.07 0.00	35.27 -0.20 0.00	35.80 -0.23 0.00	39.92 -0.26 0.00	38.23 -0.06 0.00	41.79 -0.22 0.00	37.97 -0.33 0.00	39.99 -0.57 0.00	43.65 -0.44 0.00	48.72 -0.64 -1.40	48.83 -0.68 0.00	62.05 -0.64 -3.46	85.03 -1.06 -3.76	83.50 -0.95 -3.77	192.34 -1.90 -3.17	166.39 -1.57 -0.40	115.63 -1.31 -0.21	68.60 -1.27 7.00	77.57 -1.87 2.16	61.46 -0.94 -0.31	58.85 -1.04 -0.38
HIGH FALLS___HY 23754	47.78 2.14 0.00	41.93 1.94 0.00	41.46 1.90 0.00	39.88 1.69 0.00	37.14 1.67 0.00	37.69 1.66 0.00	41.89 1.72 0.00	40.24 1.96 0.00	44.16 2.15 0.00	40.53 2.23 0.00	43.07 2.52 0.00	47.04 2.96 0.00	51.31 3.35 0.00	53.07 3.55 0.00	63.55 4.32 0.00	88.69 6.35 0.00	87.77 7.09 0.00	207.50 16.43 0.00	181.83 14.27 0.00	126.15 9.43 0.00	82.74 5.87 0.01	86.49 5.12 0.23	65.77 3.68 0.00	62.62 3.12 0.00
HIGH_RIVER___SOLAR 323847	47.39 1.76 0.00	41.55 1.55 0.00	41.07 1.51 0.00	39.60 1.41 0.00	36.79 1.32 0.00	37.39 1.36 0.00	41.62 1.45 0.00	39.62 1.33 0.00	43.20 1.20 0.00	39.45 1.15 0.00	41.44 0.89 0.00	44.75 0.67 0.00	48.75 0.80 0.00	50.48 0.96 0.00	60.70 1.47 0.00	85.07 2.72 0.00	81.84 1.15 0.00	195.39 4.32 0.00	172.68 5.12 0.00	121.42 4.69 0.00	80.22 3.35 0.01	84.54 3.14 0.20	64.47 2.38 0.00	61.69 2.19 0.00
HILLBURN___GT 23639	47.45 1.81 0.00	41.69 1.70 0.00	41.30 1.74 0.00	39.78 1.59 0.00	37.08 1.60 0.00	37.64 1.60 0.00	41.80 1.63 0.00	40.17 1.88 0.00	44.02 2.01 0.00	11.77 1.98 28.51	26.95 2.26 15.86	28.01 2.68 18.75	50.40 3.23 0.79	52.93 3.42 0.00	63.41 4.19 0.00	88.25 5.91 0.00	86.82 6.14 0.00	205.22 14.15 0.00	179.41 11.85 0.00	124.50 7.77 0.00	81.61 4.74 0.01	85.39 4.03 0.25	65.10 3.00 0.00	62.12 2.62 0.00
HILLSIDE_115KV_TB1 80332	45.31 -0.32 0.00	39.48 -0.51 0.00	38.98 -0.59 -0.01	37.62 -0.57 0.00	34.83 -0.64 0.00	35.36 -0.67 0.00	39.44 -0.73 0.00	37.79 -0.49 0.00	41.24 -0.77 0.00	37.55 -0.76 0.00	39.49 -1.07 0.00	43.22 -0.86 0.00	48.06 -0.98 -1.08	48.41 -1.11 0.00	61.08 -1.05 -2.91	84.13 -1.70 -3.49	82.75 -1.62 -3.69	190.36 -4.01 -3.29	164.40 -3.58 -0.42	114.21 -2.74 -0.22	68.05 -2.27 6.56	76.76 -2.86 1.98	60.76 -1.66 -0.32	58.17 -1.73 -0.40

HISHELDN_WT_PWR 323625	45.10 -0.53 0.00	39.26 -0.73 0.00	38.68 -0.87 0.00	37.23 -0.96 0.00	34.38 -1.09 0.00	34.89 -1.14 0.00	38.83 -1.34 0.00	37.21 -1.07 0.00	40.88 -1.13 0.00	36.84 -1.46 0.00	38.60 -1.95 0.00	41.68 -2.40 0.00	38.08 -2.91 6.97	46.38 -3.13 0.00	38.51 -3.41 17.31	63.72 -5.27 13.36	68.33 -4.64 7.71	180.14 -10.93 0.00	158.33 -9.23 0.00	109.85 -6.88 0.00	68.39 -4.88 3.61	68.63 -6.03 6.94	58.69 -3.41 0.00	56.87 -2.63 0.00
HOLTSVILLE_IC_1 23690	47.08 1.44 0.00	42.27 2.28 0.00	41.95 2.40 0.00	40.33 2.15 0.00	37.55 2.08 0.00	38.16 2.13 0.00	42.48 2.31 0.00	40.60 2.32 0.00	44.58 2.58 0.00	64.03 2.43 -23.30	56.73 3.22 -12.96	63.39 3.72 -15.59	54.46 4.72 -1.78	53.85 4.28 -0.06	63.69 4.46 0.00	88.76 6.42 -0.01	123.94 6.59 -36.67	253.15 15.29 -46.79	305.71 13.03 -125.12	127.20 8.15 -2.33	79.08 5.12 2.92	81.26 4.56 4.90	58.66 3.02 6.46	57.54 2.74 4.70
HOLTSVILLE_IC_10 23699	47.36 1.72 0.00	42.51 2.52 0.00	42.17 2.61 0.00	40.53 2.35 0.00	37.73 2.26 0.00	38.34 2.31 0.00	42.69 2.52 0.00	40.81 2.52 0.00	44.84 2.84 0.00	64.28 2.68 -23.30	57.02 3.50 -12.96	63.71 4.04 -15.59	54.88 5.14 -1.79	54.31 4.74 -0.06	64.27 5.04 0.00	89.60 7.25 -0.01	135.53 7.47 -47.38	274.57 17.34 -66.15	335.24 14.71 -152.97	129.92 9.21 -3.98	80.80 5.89 1.96	83.18 5.38 3.81	59.43 3.58 6.25	58.35 3.20 4.34
HOLTSVILLE_IC_2 23691	47.08 1.44 0.00	42.27 2.28 0.00	41.95 2.40 0.00	40.33 2.15 0.00	37.55 2.08 0.00	38.16 2.13 0.00	42.48 2.31 0.00	40.60 2.32 0.00	44.58 2.58 0.00	64.03 2.43 -23.30	56.73 3.22 -12.96	63.39 3.72 -15.59	54.46 4.72 -1.78	53.85 4.28 -0.06	63.69 4.46 0.00	88.76 6.42 -0.01	123.94 6.59 -36.67	253.15 15.29 -46.79	305.71 13.03 -125.12	127.20 8.15 -2.33	79.08 5.12 2.92	81.26 4.56 4.90	58.66 3.02 6.46	57.54 2.74 4.70
HOLTSVILLE_IC_3 23692	47.08 1.44 0.00	42.27 2.28 0.00	41.95 2.40 0.00	40.33 2.15 0.00	37.55 2.08 0.00	38.16 2.13 0.00	42.48 2.31 0.00	40.60 2.32 0.00	44.58 2.58 0.00	64.03 2.43 -23.30	56.73 3.22 -12.96	63.39 3.72 -15.59	54.46 4.72 -1.78	53.85 4.28 -0.06	63.69 4.46 0.00	88.76 6.42 -0.01	123.94 6.59 -36.67	253.15 15.29 -46.79	305.71 13.03 -125.12	127.20 8.15 -2.33	79.08 5.12 2.92	81.26 4.56 4.90	58.66 3.02 6.46	57.54 2.74 4.70
HOLTSVILLE_IC_4 23693	47.08 1.44 0.00	42.27 2.28 0.00	41.95 2.40 0.00	40.33 2.15 0.00	37.55 2.08 0.00	38.16 2.13 0.00	42.48 2.31 0.00	40.60 2.32 0.00	44.58 2.58 0.00	64.03 2.43 -23.30	56.73 3.22 -12.96	63.39 3.72 -15.59	54.46 4.72 -1.78	53.85 4.28 -0.06	63.69 4.46 0.00	88.76 6.42 -0.01	123.94 6.59 -36.67	253.15 15.29 -46.79	305.71 13.03 -125.12	127.20 8.15 -2.33	79.08 5.12 2.92	81.26 4.56 4.90	58.66 3.02 6.46	57.54 2.74 4.70
HOLTSVILLE_IC_5 23694	47.08 1.44 0.00	42.27 2.28 0.00	41.95 2.40 0.00	40.33 2.15 0.00	37.55 2.08 0.00	38.16 2.13 0.00	42.48 2.31 0.00	40.60 2.32 0.00	44.58 2.58 0.00	64.03 2.43 -23.30	56.73 3.22 -12.96	63.39 3.72 -15.59	54.46 4.72 -1.78	53.85 4.28 -0.06	63.69 4.46 0.00	88.76 6.42 -0.01	123.94 6.59 -36.67	253.15 15.29 -46.79	305.71 13.03 -125.12	127.20 8.15 -2.33	79.08 5.12 2.92	81.26 4.56 4.90	58.66 3.02 6.46	57.54 2.74 4.70
HOLTSVILLE_IC_6 23695	47.36 1.72 0.00	42.51 2.52 0.00	42.17 2.61 0.00	40.53 2.35 0.00	37.73 2.26 0.00	38.34 2.31 0.00	42.69 2.52 0.00	40.81 2.52 0.00	44.84 2.84 0.00	64.28 2.68 -23.30	57.02 3.50 -12.96	63.71 4.04 -15.59	54.88 5.14 -1.79	54.31 4.74 -0.06	64.27 5.04 0.00	89.60 7.25 -0.01	135.53 7.47 -47.38	274.57 17.34 -66.15	335.24 14.71 -152.97	129.92 9.21 -3.98	80.80 5.89 1.96	83.18 5.38 3.81	59.43 3.58 6.25	58.35 3.20 4.34
HOLTSVILLE_IC_7 23696	47.36 1.72 0.00	42.51 2.52 0.00	42.17 2.61 0.00	40.53 2.35 0.00	37.73 2.26 0.00	38.34 2.31 0.00	42.69 2.52 0.00	40.81 2.52 0.00	44.84 2.84 0.00	64.28 2.68 -23.30	57.02 3.50 -12.96	63.71 4.04 -15.59	54.88 5.14 -1.79	54.31 4.74 -0.06	64.27 5.04 0.00	89.60 7.25 -0.01	135.53 7.47 -47.38	274.57 17.34 -66.15	335.24 14.71 -152.97	129.92 9.21 -3.98	80.80 5.89 1.96	83.18 5.38 3.81	59.43 3.58 6.25	58.35 3.20 4.34
HOLTSVILLE_IC_8 23697	47.36 1.72 0.00	42.51 2.52 0.00	42.17 2.61 0.00	40.53 2.35 0.00	37.73 2.26 0.00	38.34 2.31 0.00	42.69 2.52 0.00	40.81 2.52 0.00	44.84 2.84 0.00	64.28 2.68 -23.30	57.02 3.50 -12.96	63.71 4.04 -15.59	54.88 5.14 -1.79	54.31 4.74 -0.06	64.27 5.04 0.00	89.60 7.25 -0.01	135.53 7.47 -47.38	274.57 17.34 -66.15	335.24 14.71 -152.97	129.92 9.21 -3.98	80.80 5.89 1.96	83.18 5.38 3.81	59.43 3.58 6.25	58.35 3.20 4.34
HOLTSVILLE_IC_9 23698	47.36 1.72 0.00	42.51 2.52 0.00	42.17 2.61 0.00	40.53 2.35 0.00	37.73 2.26 0.00	38.34 2.31 0.00	42.69 2.52 0.00	40.81 2.52 0.00	44.84 2.84 0.00	64.28 2.68 -23.30	57.02 3.50 -12.96	63.71 4.04 -15.59	54.88 5.14 -1.79	54.31 4.74 -0.06	64.27 5.04 0.00	89.60 7.25 -0.01	135.53 7.47 -47.38	274.57 17.34 -66.15	335.24 14.71 -152.97	129.92 9.21 -3.98	80.80 5.89 1.96	83.18 5.38 3.81	59.43 3.58 6.25	58.35 3.20 4.34
HOMER_HL_115KV_TB2 355744	45.31 -0.33 0.00	39.39 -0.60 0.00	38.89 -0.67 0.00	37.44 -0.75 0.00	34.60 -0.87 0.00	35.13 -0.90 0.00	39.11 -1.06 0.00	37.57 -0.72 0.00	41.15 -0.86 0.00	37.32 -0.98 0.00	39.03 -1.52 0.00	42.54 -1.54 0.00	45.51 -1.85 0.59	47.38 -2.13 0.00	55.70 -2.04 1.48	77.71 -3.49 1.15	77.06 -2.96 0.66	182.49 -8.58 0.00	160.21 -7.35 0.00	111.17 -5.56 0.00	68.89 -4.27 3.71	69.66 -5.19 6.76	59.48 -2.61 0.00	57.43 -2.07 0.00
HOWARD_WT_PWR 323690	46.12 0.49 0.00	40.18 0.19 0.00	39.53 -0.04 -0.01	38.10 -0.09 0.00	35.27 -0.21 0.00	35.88 -0.15 0.00	39.86 -0.32 0.00	38.11 -0.18 0.00	41.82 -0.18 0.00	37.82 -0.48 0.00	39.82 -0.74 0.00	42.84 -1.24 0.00	53.69 -2.21 -7.94	47.45 -2.06 0.00	76.25 -2.87 -19.89	94.04 -4.53 -16.22	86.82 -4.40 -10.54	186.13 -7.25 -2.31	162.45 -5.40 -0.29	113.32 -3.55 -0.15	67.96 -1.93 6.98	76.05 -2.35 3.21	61.05 -1.27 -0.22	58.45 -1.33 -0.28
HQ_GEN_CEDARS 23644	46.23 0.60 0.00	40.47 0.48 0.00	40.00 0.44 0.00	38.67 0.48 0.00	35.86 0.39 0.00	36.38 0.35 0.00	40.64 0.47 0.00	38.44 0.15 0.00	42.34 0.34 0.00	38.60 0.29 0.00	40.82 0.27 0.00	44.35 0.27 0.00	47.92 -0.03 0.00	49.32 -0.19 0.00	58.71 -0.52 0.00	81.73 -0.61 0.00	80.50 -0.18 0.00	189.96 -1.11 0.00	166.77 -0.79 0.00	116.38 -0.35 0.00	76.93 0.05 0.00	82.94 1.33 0.00	63.03 0.94 0.00	60.63 1.13 0.00
HQ_GEN_CEDARS_PROXY 323590	46.23 0.60 0.00	40.47 0.48 0.00	40.00 0.44 0.00	38.67 0.48 0.00	35.86 0.39 0.00	36.38 0.35 0.00	40.64 0.47 0.00	38.44 0.16 0.00	42.34 0.34 0.00	38.60 0.29 0.00	40.82 0.27 0.00	44.35 0.27 0.00	47.92 -0.03 0.00	49.32 -0.19 0.00	58.71 -0.52 0.00	81.73 -0.61 0.00	80.50 -0.18 0.00	189.96 -1.11 0.00	166.78 -0.79 0.00	116.38 -0.35 0.00	76.93 0.05 0.00	82.93 1.33 0.00	63.03 0.93 0.00	60.63 1.13 0.00

HQ_GEN_IMPORT 323601	45.58 -0.05 0.00	39.91 -0.08 0.00	39.47 -0.08 0.00	38.17 -0.02 0.00	35.40 -0.07 0.00	35.96 -0.07 0.00	40.17 -0.01 0.00	38.07 -0.22 0.00	41.88 -0.13 0.00	38.18 -0.12 0.00	40.42 -0.13 0.00	44.26 -0.16 -0.34	47.62 -0.33 0.00	49.14 -0.37 0.00	58.62 -0.60 0.00	77.76 -0.76 3.82	80.07 -0.61 0.00	189.51 -1.57 0.00	164.94 -1.51 1.11	114.77 -1.02 0.93	75.51 -0.46 0.91	81.99 0.39 0.00	61.98 0.16 0.29	59.75 0.25 0.00
HQ_GEN_WHEEL 23651	45.58 -0.05 0.00	39.91 -0.08 0.00	39.47 -0.08 0.00	38.17 -0.02 0.00	35.40 -0.07 0.00	35.96 -0.07 0.00	40.17 -0.01 0.00	38.07 -0.22 0.00	41.88 -0.13 0.00	38.18 -0.12 0.00	40.42 -0.13 0.00	44.26 -0.16 -0.34	47.62 -0.33 0.00	49.14 -0.37 0.00	58.62 -0.60 0.00	77.76 -0.76 3.82	80.07 -0.61 0.00	189.51 -1.57 0.00	164.94 -1.51 1.11	114.77 -1.02 0.93	75.51 -0.46 0.91	81.99 0.39 0.00	61.98 0.16 0.29	59.75 0.25 0.00
HUDSON AVE_GT_3 23810	47.96 2.33 0.00	42.21 2.22 0.00	41.80 2.24 0.00	40.22 2.03 0.00	37.49 2.02 0.00	38.07 2.04 0.00	42.29 2.11 0.00	40.66 2.38 0.00	44.60 2.60 0.00	64.26 2.55 -23.42	56.48 2.90 -13.02	62.88 3.39 -15.40	52.53 3.93 -0.65	53.56 4.04 0.00	64.09 4.86 0.00	89.13 6.78 0.00	87.70 7.02 0.00	207.27 16.19 0.00	181.35 13.79 0.00	125.77 9.04 0.00	82.48 5.62 0.01	86.31 4.94 0.24	65.82 3.72 0.00	62.79 3.29 0.00
HUDSON AVE_GT_4 23540	47.96 2.33 0.00	42.21 2.22 0.00	41.80 2.24 0.00	40.22 2.03 0.00	37.49 2.02 0.00	38.07 2.04 0.00	42.29 2.11 0.00	40.66 2.38 0.00	44.60 2.60 0.00	64.26 2.55 -23.42	56.48 2.90 -13.02	62.88 3.39 -15.40	52.53 3.93 -0.65	53.56 4.04 0.00	64.09 4.86 0.00	89.13 6.78 0.00	87.70 7.02 0.00	207.27 16.19 0.00	181.35 13.79 0.00	125.77 9.04 0.00	82.48 5.62 0.01	86.31 4.94 0.24	65.82 3.72 0.00	62.79 3.29 0.00
HUDSON AVE_GT_5 23657	47.96 2.33 0.00	42.21 2.22 0.00	41.80 2.24 0.00	40.22 2.03 0.00	37.49 2.02 0.00	38.07 2.04 0.00	42.29 2.11 0.00	40.66 2.38 0.00	44.60 2.60 0.00	64.26 2.55 -23.42	56.48 2.90 -13.02	62.88 3.39 -15.40	52.53 3.93 -0.65	53.56 4.04 0.00	64.09 4.86 0.00	89.13 6.78 0.00	87.70 7.02 0.00	207.27 16.19 0.00	181.35 13.79 0.00	125.77 9.04 0.00	82.48 5.62 0.01	86.31 4.94 0.24	65.82 3.72 0.00	62.79 3.29 0.00
HUDSON_AVE_10 24168	47.83 2.20 0.00	42.10 2.11 0.00	41.67 2.11 0.00	40.11 1.92 0.00	37.39 1.92 0.00	37.98 1.94 0.00	42.17 2.00 0.00	40.56 2.27 0.00	44.47 2.47 0.00	64.15 2.43 -23.42	56.35 2.78 -13.02	62.71 3.23 -15.40	52.36 3.76 -0.65	53.40 3.88 0.00	63.89 4.66 0.00	88.85 6.51 0.00	87.44 6.75 0.00	206.65 15.58 0.00	180.82 13.26 0.00	125.41 8.68 0.00	82.27 5.40 0.01	86.09 4.72 0.24	65.66 3.57 0.00	62.62 3.12 0.00
HUDSON___115KV_TB 4 355613	47.25 1.62 0.00	41.52 1.53 0.00	41.15 1.59 0.00	39.68 1.49 0.00	36.92 1.45 0.00	37.51 1.48 0.00	41.72 1.54 0.00	39.89 1.60 0.00	43.43 1.43 0.00	39.47 1.16 0.00	41.77 1.21 0.00	45.21 1.13 0.00	49.36 1.41 0.00	51.33 1.81 0.00	61.36 2.14 0.00	85.42 3.08 0.00	84.07 3.39 0.00	199.02 7.95 0.00	175.47 7.91 0.00	122.13 5.41 0.00	80.26 3.39 0.00	84.43 2.82 0.00	64.16 2.06 0.00	61.21 1.72 0.00
HUNTER MOUNT___DRP 323613	47.50 1.86 0.00	41.71 1.72 0.00	41.31 1.76 0.00	39.84 1.66 0.00	37.06 1.59 0.00	37.65 1.62 0.00	41.88 1.71 0.00	40.08 1.79 0.00	43.68 1.68 0.00	39.70 1.40 0.00	42.04 1.49 0.00	45.52 1.45 0.00	49.70 1.75 0.00	51.63 2.12 0.00	61.90 2.67 0.00	86.21 3.87 0.00	84.55 3.87 0.00	200.33 9.25 0.00	176.79 9.23 0.00	123.02 6.30 0.00	80.83 3.96 0.01	84.83 3.42 0.19	64.57 2.48 0.00	61.57 2.07 0.00
HUNTINGTON_RES_REC 323705	47.14 1.51 0.00	42.28 2.29 0.00	41.97 2.42 0.00	40.34 2.16 0.00	37.56 2.09 0.00	38.15 2.12 0.00	42.42 2.24 0.00	40.59 2.30 0.00	44.58 2.57 0.00	64.08 2.47 -23.30	56.86 3.34 -12.96	63.50 3.84 -15.59	54.51 4.76 -1.79	53.94 4.36 -0.06	63.80 4.56 -0.01	89.03 6.63 -0.06	244.80 6.99 -157.13	467.80 16.12 -260.61	653.45 13.63 -472.25	145.25 8.34 -20.19	88.49 5.18 -6.43	91.68 4.62 -5.45	58.89 3.03 6.24	57.86 2.70 4.34
HUNTLEY___63 23557	44.91 -0.72 0.00	39.12 -0.87 0.00	38.56 -1.00 0.00	37.06 -1.13 0.00	34.27 -1.20 0.00	34.78 -1.25 0.00	38.69 -1.49 0.00	37.11 -1.18 0.00	40.79 -1.22 0.00	36.59 -1.71 0.00	38.33 -2.23 0.00	41.48 -2.61 0.00	42.91 -2.88 2.16	46.36 -3.16 0.00	50.55 -3.31 5.37	72.51 -5.69 4.14	73.70 -4.59 2.39	178.87 -12.21 0.00	156.69 -10.87 0.00	108.67 -8.05 0.00	68.11 -6.01 2.77	66.42 -7.34 7.85	58.06 -4.04 0.00	56.75 -2.75 0.00
HUNTLEY___64 23558	44.91 -0.72 0.00	39.12 -0.87 0.00	38.56 -1.00 0.00	37.06 -1.13 0.00	34.27 -1.20 0.00	34.78 -1.25 0.00	38.69 -1.49 0.00	37.11 -1.18 0.00	40.79 -1.22 0.00	36.59 -1.71 0.00	38.33 -2.23 0.00	41.48 -2.61 0.00	42.91 -2.88 2.16	46.36 -3.16 0.00	50.55 -3.31 5.37	72.51 -5.69 4.14	73.70 -4.59 2.39	178.87 -12.21 0.00	156.69 -10.87 0.00	108.67 -8.05 0.00	68.11 -6.01 2.77	66.42 -7.34 7.85	58.06 -4.04 0.00	56.75 -2.75 0.00
HUNTLEY___65 23559	44.91 -0.72 0.00	39.12 -0.87 0.00	38.56 -1.00 0.00	37.06 -1.13 0.00	34.27 -1.20 0.00	34.78 -1.25 0.00	38.69 -1.49 0.00	37.11 -1.18 0.00	40.79 -1.22 0.00	36.59 -1.71 0.00	38.33 -2.23 0.00	41.48 -2.61 0.00	42.91 -2.88 2.16	46.36 -3.16 0.00	50.55 -3.31 5.37	72.51 -5.69 4.14	73.70 -4.59 2.39	178.87 -12.21 0.00	156.69 -10.87 0.00	108.67 -8.05 0.00	68.11 -6.01 2.77	66.42 -7.34 7.85	58.06 -4.04 0.00	56.75 -2.75 0.00
HUNTLEY___66 23560	44.91 -0.72 0.00	39.12 -0.87 0.00	38.56 -1.00 0.00	37.06 -1.13 0.00	34.27 -1.20 0.00	34.78 -1.25 0.00	38.69 -1.49 0.00	37.11 -1.18 0.00	40.79 -1.22 0.00	36.59 -1.71 0.00	38.33 -2.23 0.00	41.48 -2.61 0.00	42.91 -2.88 2.16	46.36 -3.16 0.00	50.55 -3.31 5.37	72.51 -5.69 4.14	73.70 -4.59 2.39	178.87 -12.21 0.00	156.69 -10.87 0.00	108.67 -8.05 0.00	68.11 -6.01 2.77	66.42 -7.34 7.85	58.06 -4.04 0.00	56.75 -2.75 0.00
HUNTLEY___67 23561	44.65 -0.99 0.00	38.89 -1.11 0.00	38.35 -1.21 0.00	36.87 -1.32 0.00	34.08 -1.39 0.00	34.58 -1.45 0.00	38.48 -1.69 0.00	36.90 -1.38 0.00	40.55 -1.45 0.00	36.44 -1.86 0.00	38.22 -2.34 0.00	41.38 -2.70 0.00	42.39 -3.06 2.51	46.19 -3.33 0.00	49.45 -3.53 6.24	71.68 -5.85 4.82	73.04 -4.86 2.78	178.47 -12.60 0.00	156.63 -10.93 0.00	108.45 -8.27 0.00	67.81 -6.17 2.90	65.46 -7.46 8.69	57.93 -4.17 0.00	56.55 -2.95 0.00
HUNTLEY___68 23562	44.65 -0.99 0.00	38.89 -1.11 0.00	38.35 -1.21 0.00	36.87 -1.32 0.00	34.08 -1.39 0.00	34.58 -1.45 0.00	38.48 -1.69 0.00	36.90 -1.38 0.00	40.55 -1.45 0.00	36.44 -1.86 0.00	38.22 -2.34 0.00	41.38 -2.70 0.00	42.39 -3.06 2.51	46.19 -3.33 0.00	49.45 -3.53 6.24	71.68 -5.85 4.82	73.04 -4.86 2.78	178.47 -12.60 0.00	156.63 -10.93 0.00	108.45 -8.27 0.00	67.81 -6.17 2.90	65.46 -7.46 8.69	57.93 -4.17 0.00	56.55 -2.95 0.00

HYLAND___LFGE 323620	48.03 2.40 0.00	41.77 1.78 0.00	41.06 1.50 0.00	39.50 1.31 0.00	36.55 1.08 0.00	37.10 1.07 0.00	41.34 1.16 0.00	39.42 1.13 0.00	42.95 0.95 0.00	38.86 0.55 0.00	41.06 0.51 0.00	43.56 -0.53 0.00	55.96 -0.85 -8.85	48.82 -0.69 0.00	80.36 -0.85 -21.98	97.92 -1.38 -16.96	89.50 -0.97 -9.79	190.85 -0.22 0.00	169.43 1.87 0.00	118.62 1.90 0.00	74.65 1.68 3.91	80.86 1.39 2.13	63.82 1.72 0.00	61.16 1.66 0.00
INDECK___CORINTH 23802	47.94 2.30 0.00	42.11 2.12 0.00	41.68 2.13 0.00	40.11 1.92 0.00	37.31 1.84 0.00	37.95 1.92 0.00	42.32 2.14 0.00	40.49 2.20 0.00	44.27 2.26 0.00	40.16 1.86 0.00	42.39 1.84 0.00	45.88 1.80 0.00	49.86 1.90 0.00	51.57 2.05 0.00	62.12 2.89 0.00	86.88 4.54 0.00	84.43 3.75 0.00	201.06 9.99 0.00	177.94 10.38 0.00	123.60 6.88 0.00	81.27 4.40 0.00	85.52 3.92 0.00	64.67 2.57 0.00	61.80 2.30 0.00
INDECK___ILION 23567	46.15 0.51 0.00	40.51 0.51 0.00	40.13 0.57 0.00	38.69 0.50 0.00	35.98 0.51 0.00	36.59 0.56 0.00	40.73 0.56 0.00	38.88 0.60 0.00	42.52 0.51 0.00	38.83 0.53 0.00	40.99 0.44 0.00	44.49 0.41 0.00	48.44 0.49 0.00	50.10 0.59 0.00	60.26 1.03 0.00	83.57 1.23 0.00	81.15 0.47 0.00	193.24 2.16 0.00	170.40 2.84 0.00	118.91 2.19 0.00	78.46 1.58 0.00	82.67 1.06 0.00	62.83 0.73 0.00	60.03 0.53 0.00
INDECK___OLEAN 23982	45.31 -0.33 0.00	39.39 -0.60 0.00	38.89 -0.67 0.00	37.44 -0.75 0.00	34.60 -0.88 0.00	35.13 -0.90 0.00	39.12 -1.06 0.00	37.57 -0.72 0.00	41.16 -0.85 0.00	37.33 -0.97 0.00	39.03 -1.52 0.00	42.54 -1.54 0.00	45.53 -1.83 0.59	47.39 -2.12 0.00	55.72 -2.02 1.48	77.73 -3.47 1.15	77.07 -2.95 0.66	182.50 -8.58 0.00	160.21 -7.36 0.00	111.17 -5.56 0.00	68.90 -4.26 3.71	69.57 -5.27 6.76	59.49 -2.61 0.00	57.43 -2.07 0.00
INDECK___OSWEGO 23783	44.74 -0.90 0.00	39.13 -0.86 0.00	38.75 -0.89 -0.08	37.32 -0.88 0.00	34.64 -0.83 0.00	35.17 -0.86 0.00	39.17 -1.01 0.00	37.45 -0.84 0.00	41.05 -0.96 0.00	37.40 -0.90 0.00	39.61 -0.95 0.00	43.09 -1.00 0.00	46.91 -1.05 0.00	48.35 -1.17 0.00	59.85 -1.28 -1.90	90.90 -1.93 -10.49	96.55 -2.02 -17.88	209.81 -4.56 -23.31	166.85 -3.65 -2.94	115.99 -2.29 -1.56	76.69 -1.63 -1.44	85.00 -2.13 -5.52	62.85 -2.61 -2.26	60.82 -1.49 -2.81
INDECK___YERKES 23781	44.95 -0.68 0.00	39.15 -0.84 0.00	38.60 -0.96 0.00	37.08 -1.11 0.00	34.30 -1.17 0.00	34.80 -1.23 0.00	38.72 -1.46 0.00	37.13 -1.15 0.00	40.81 -1.20 0.00	36.64 -1.67 0.00	38.36 -2.20 0.00	41.52 -2.56 0.00	42.99 -2.81 2.16	46.41 -3.10 0.00	50.61 -3.25 5.37	72.60 -5.60 4.14	73.77 -4.51 2.39	178.99 -12.08 0.00	156.78 -10.78 0.00	108.77 -7.96 0.00	68.16 -5.95 2.77	66.39 -7.37 7.85	58.10 -3.99 0.00	56.79 -2.71 0.00
INDIAN POINT_GT_1 24139	47.45 1.81 0.00	41.75 1.76 0.00	41.36 1.80 0.00	39.82 1.63 0.00	37.11 1.64 0.00	37.69 1.66 0.00	41.86 1.69 0.00	40.22 1.93 0.00	44.06 2.06 0.00	66.06 2.03 -25.73	57.18 2.32 -14.31	63.72 2.72 -16.92	51.88 3.21 -0.71	52.88 3.36 0.00	63.30 4.07 0.00	88.08 5.73 0.00	86.62 5.94 0.00	204.79 13.72 0.00	179.19 11.63 0.00	124.38 7.65 0.00	81.56 4.70 0.01	85.34 3.97 0.24	65.07 2.98 0.00	62.11 2.61 0.00
INDIAN POINT_GT_2 23659	47.45 1.81 0.00	41.75 1.76 0.00	41.36 1.80 0.00	39.82 1.63 0.00	37.11 1.64 0.00	37.69 1.66 0.00	41.86 1.69 0.00	40.22 1.93 0.00	44.06 2.06 0.00	66.06 2.03 -25.73	57.18 2.32 -14.31	63.72 2.72 -16.92	51.88 3.21 -0.71	52.88 3.36 0.00	63.30 4.07 0.00	88.08 5.73 0.00	86.62 5.94 0.00	204.79 13.72 0.00	179.19 11.63 0.00	124.38 7.65 0.00	81.56 4.70 0.01	85.34 3.97 0.24	65.07 2.98 0.00	62.11 2.61 0.00
INDIAN POINT_GT_3 24019	47.45 1.81 0.00	41.75 1.76 0.00	41.36 1.80 0.00	39.82 1.63 0.00	37.11 1.64 0.00	37.69 1.66 0.00	41.86 1.69 0.00	40.22 1.93 0.00	44.06 2.06 0.00	66.06 2.03 -25.73	57.18 2.32 -14.31	63.72 2.72 -16.92	51.88 3.21 -0.71	52.88 3.36 0.00	63.30 4.07 0.00	88.08 5.73 0.00	86.62 5.94 0.00	204.79 13.72 0.00	179.19 11.63 0.00	124.38 7.65 0.00	81.56 4.70 0.01	85.34 3.97 0.24	65.07 2.98 0.00	62.11 2.61 0.00
INDIAN POINT___2 23530	47.39 1.76 0.00	41.68 1.69 0.00	41.29 1.74 0.00	39.77 1.58 0.00	37.07 1.59 0.00	37.63 1.60 0.00	41.80 1.63 0.00	40.15 1.87 0.00	44.01 2.01 0.00	75.62 1.96 -35.36	62.46 2.24 -19.67	69.98 2.64 -23.26	52.07 3.13 -0.98	52.80 3.29 0.00	63.19 3.97 0.00	87.94 5.60 0.00	86.50 5.82 0.00	204.48 13.41 0.00	178.85 11.29 0.00	124.15 7.43 0.00	81.40 4.54 0.01	85.22 3.86 0.24	64.98 2.89 0.00	62.02 2.52 0.00
INDIAN POINT___3 23531	47.38 1.74 0.00	41.68 1.69 0.00	41.30 1.74 0.00	39.77 1.58 0.00	37.07 1.59 0.00	37.64 1.60 0.00	41.81 1.64 0.00	40.16 1.88 0.00	44.00 2.00 0.00	66.74 1.96 -26.48	57.52 2.24 -14.73	64.12 2.62 -17.41	51.80 3.12 -0.73	52.78 3.26 0.00	63.18 3.95 0.00	87.91 5.56 0.00	86.44 5.76 0.00	204.35 13.27 0.00	178.84 11.28 0.00	124.10 7.37 0.00	81.38 4.51 0.01	85.16 3.80 0.24	64.95 2.85 0.00	62.00 2.50 0.00
INGHAM_C_115KV_TB7 356103	46.50 0.87 0.00	40.87 0.87 0.00	40.57 1.02 0.00	39.09 0.90 0.00	36.39 0.91 0.00	37.04 1.01 0.00	41.19 1.01 0.00	39.29 1.00 0.00	42.81 0.80 0.00	39.14 0.84 0.00	41.14 0.59 0.00	44.55 0.46 0.00	48.51 0.56 0.00	50.27 0.75 0.00	61.07 1.84 0.00	84.41 2.07 0.00	80.98 0.30 0.00	194.08 3.01 0.00	172.03 4.46 0.00	120.45 3.72 0.00	79.68 2.80 0.00	83.55 1.95 0.00	63.37 1.27 0.00	60.36 0.86 0.00
IP CORINTH___1 23988	48.21 2.57 0.00	42.34 2.35 0.00	41.88 2.33 0.00	40.30 2.12 0.00	37.49 2.02 0.00	38.13 2.10 0.00	42.53 2.35 0.00	40.68 2.40 0.00	44.49 2.49 0.00	40.38 2.08 0.00	42.61 2.06 0.00	46.13 2.05 0.00	50.12 2.17 0.00	51.85 2.33 0.00	62.45 3.23 0.00	87.36 5.02 0.00	84.87 4.19 0.00	202.13 11.06 0.00	178.90 11.34 0.00	124.21 7.48 0.00	81.71 4.83 0.00	85.96 4.36 0.00	65.03 2.94 0.00	62.14 2.64 0.00
IP___TICONDEROGA 23804	51.23 5.60 0.00	45.01 5.02 0.00	44.48 4.92 0.00	42.57 4.38 0.00	39.65 4.18 0.00	40.35 4.32 0.00	45.27 5.09 0.00	43.24 4.96 0.00	46.91 4.91 0.00	42.07 3.77 0.00	44.99 4.43 0.00	48.50 4.42 0.00	52.23 4.28 0.00	54.10 4.59 0.00	65.75 6.52 0.00	91.75 9.41 0.00	89.93 9.25 0.00	214.48 23.41 0.00	188.00 20.43 0.00	129.58 12.85 0.00	85.20 8.33 0.00	90.08 8.47 0.00	68.04 5.94 0.00	64.85 5.35 0.00
ISLIP_RES_REC 323679	47.64 2.00 0.00	42.74 2.75 0.00	42.38 2.83 0.00	40.73 2.54 0.00	37.91 2.44 0.00	38.52 2.48 0.00	42.90 2.72 0.00	41.02 2.73 0.00	45.09 3.09 0.00	64.52 2.91 -23.30	57.27 3.76 -12.96	63.99 4.32 -15.59	55.23 5.49 -1.79	54.71 5.13 -0.06	64.76 5.53 0.00	90.30 7.95 -0.01	131.74 8.19 -42.86	269.90 19.18 -59.64	322.55 16.36 -138.63	130.62 10.32 -3.56	81.25 6.59 2.22	83.75 6.09 3.95	60.07 4.08 6.10	59.02 3.62 4.09

JAMAICA__27_KV_LOAD 355505	48.04 2.41 0.00	42.26 2.27 0.00	41.80 2.24 0.00	40.24 2.05 0.00	37.51 2.04 0.00	38.09 2.06 0.00	42.29 2.12 0.00	40.71 2.42 0.00	44.66 2.65 0.00	64.33 2.61 -23.42	56.53 2.96 -13.02	62.99 3.51 -15.40	52.66 4.06 -0.65	53.78 4.27 0.00	64.34 5.11 0.00	89.49 7.14 0.00	88.13 7.45 0.00	208.38 17.30 0.00	182.42 14.86 0.00	126.51 9.78 0.00	83.03 6.16 0.01	86.92 5.54 0.24	66.36 4.26 0.00	63.21 3.71 0.00
JANIS__SOLAR 323808	47.43 1.80 0.00	41.49 1.50 0.00	40.96 1.39 -0.02	39.54 1.36 0.00	36.72 1.25 0.00	37.32 1.29 0.00	41.63 1.46 0.00	39.82 1.53 0.00	43.56 1.56 0.00	39.32 1.02 0.00	41.48 0.93 0.00	45.50 1.42 0.00	50.02 1.47 -0.59	50.86 1.35 0.00	61.91 0.83 -1.85	87.59 1.97 -3.28	86.55 1.54 -4.33	200.32 4.45 -4.80	172.77 4.60 -0.61	121.72 4.67 -0.32	87.00 3.11 -7.01	84.50 2.91 0.01	64.94 2.38 -0.46	62.17 2.09 -0.58
JARVIS____ 23743	45.79 0.16 0.00	40.15 0.16 0.00	39.72 0.16 0.00	38.33 0.14 0.00	35.61 0.14 0.00	36.20 0.16 0.00	40.34 0.16 0.00	38.49 0.20 0.00	42.18 0.18 0.00	38.49 0.19 0.00	40.73 0.18 0.00	44.26 0.18 0.00	48.19 0.24 0.00	49.80 0.28 0.00	59.61 0.38 0.00	82.84 0.50 0.00	81.07 0.38 0.00	192.16 1.09 0.00	168.58 1.02 0.00	117.44 0.72 0.00	77.31 0.44 0.00	81.80 0.19 0.00	62.27 0.18 0.00	59.62 0.12 0.00
JENNISON____1 23625	47.19 1.56 0.00	41.41 1.42 0.00	40.93 1.36 -0.01	39.55 1.37 0.00	36.74 1.27 0.00	37.42 1.39 0.00	41.69 1.52 0.00	39.96 1.67 0.00	43.81 1.81 0.00	39.92 1.62 0.00	42.12 1.57 0.00	45.95 1.86 0.00	50.17 2.21 0.00	51.62 2.10 0.00	61.19 1.68 -0.28	86.72 2.85 -1.53	85.90 2.61 -2.61	200.66 6.19 -3.40	171.94 3.95 -0.43	120.92 3.97 -0.23	80.95 2.51 -1.56	83.38 2.20 0.43	64.43 2.00 -0.33	61.89 1.98 -0.41
JENNISON____2 23626	47.19 1.56 0.00	41.41 1.42 0.00	40.93 1.36 -0.01	39.55 1.37 0.00	36.74 1.27 0.00	37.42 1.39 0.00	41.69 1.52 0.00	39.96 1.67 0.00	43.81 1.81 0.00	39.92 1.62 0.00	42.12 1.57 0.00	45.95 1.86 0.00	50.17 2.21 0.00	51.62 2.10 0.00	61.19 1.68 -0.28	86.72 2.85 -1.53	85.90 2.61 -2.61	200.66 6.19 -3.40	171.94 3.95 -0.43	120.92 3.97 -0.23	80.95 2.51 -1.56	83.38 2.20 0.43	64.43 2.00 -0.33	61.89 1.98 -0.41
JERICOHO_RISE_WT_PWR 323719	45.89 0.26 0.00	40.20 0.21 0.00	39.78 0.22 0.00	38.45 0.26 0.00	35.70 0.23 0.00	36.24 0.21 0.00	40.49 0.31 0.00	38.31 0.03 0.00	42.16 0.15 0.00	38.40 0.10 0.00	40.68 0.13 0.00	44.14 0.06 0.00	47.65 -0.30 0.00	49.18 -0.33 0.00	58.37 -0.86 0.00	81.18 -1.16 0.00	79.92 -0.76 0.00	188.61 -2.46 0.00	165.58 -1.98 0.00	115.46 -1.26 0.00	76.36 -0.51 0.00	82.24 0.64 0.00	62.37 0.28 0.00	60.22 0.72 0.00
KATONAH__115KV_46KV_TB4 355592	47.67 2.04 0.00	41.94 1.95 0.00	41.54 1.98 0.00	39.98 1.79 0.00	37.25 1.77 0.00	37.82 1.79 0.00	42.04 1.86 0.00	40.38 2.09 0.00	44.27 2.26 0.00	53.29 2.23 -12.75	50.20 2.56 -7.10	55.45 2.98 -8.39	51.84 3.54 -0.35	53.24 3.73 0.00	63.75 4.52 0.00	88.72 6.38 0.00	87.23 6.55 0.00	206.36 15.29 0.00	180.72 13.16 0.00	125.32 8.60 0.00	82.16 5.29 0.01	85.97 4.59 0.23	65.48 3.38 0.00	62.44 2.94 0.00
KCE_NY_1 323755	48.02 2.39 0.00	42.19 2.20 0.00	41.73 2.17 0.00	40.20 2.01 0.00	37.36 1.89 0.00	38.06 2.03 0.00	42.41 2.24 0.00	40.51 2.23 0.00	44.32 2.31 0.00	40.35 2.05 0.00	42.69 2.14 0.00	46.24 2.16 0.00	50.34 2.38 0.00	52.21 2.70 0.00	62.74 3.51 0.00	87.57 5.23 0.00	84.96 4.28 0.00	202.22 11.15 0.00	178.22 10.66 0.00	124.02 7.30 0.00	81.45 4.58 0.00	85.56 3.96 0.00	64.99 2.90 0.00	62.22 2.72 0.00
KCE_NY_6_ESR 323823	45.19 -0.45 0.00	39.32 -0.67 0.00	38.77 -0.79 0.00	37.28 -0.91 0.00	34.43 -1.04 0.00	34.94 -1.09 0.00	38.90 -1.27 0.00	37.33 -0.96 0.00	41.00 -1.00 0.00	36.92 -1.38 0.00	38.72 -1.83 0.00	41.94 -2.14 0.00	42.90 -2.43 2.62	46.80 -2.71 0.00	50.02 -2.70 6.50	72.76 -4.56 5.02	74.03 -3.76 2.90	181.13 -9.94 0.00	159.15 -8.41 0.00	110.33 -6.39 0.00	68.96 -4.86 3.06	67.52 -6.22 7.86	58.83 -3.27 0.00	57.24 -2.26 0.00
KEDC_PORT_JEFF_GT2 24210	47.21 1.58 0.00	42.40 2.41 0.00	42.07 2.52 0.00	40.44 2.24 0.00	37.63 2.16 0.00	38.25 2.22 0.00	42.60 2.42 0.00	40.69 2.40 0.00	44.71 2.70 0.00	64.17 2.56 -23.30	56.92 3.41 -12.96	63.61 3.94 -15.59	54.77 5.03 -1.79	54.18 4.61 -0.06	64.03 4.80 0.00	89.10 6.75 -0.01	142.31 6.78 -54.85	286.08 15.75 -79.25	357.01 13.43 -176.03	130.04 8.25 -5.06	80.66 5.22 1.44	83.39 5.03 3.25	59.09 3.33 6.33	58.02 3.00 4.48
KEDC_PORT_JEFF_GT3 24211	47.21 1.58 0.00	42.40 2.41 0.00	42.07 2.52 0.00	40.44 2.24 0.00	37.63 2.16 0.00	38.25 2.22 0.00	42.60 2.42 0.00	40.69 2.40 0.00	44.71 2.70 0.00	64.17 2.56 -23.30	56.92 3.41 -12.96	63.61 3.94 -15.59	54.77 5.03 -1.79	54.18 4.61 -0.06	64.03 4.80 0.00	89.10 6.75 -0.01	142.31 6.78 -54.85	286.08 15.75 -79.25	357.01 13.43 -176.03	130.04 8.25 -5.06	80.66 5.22 1.44	83.39 5.03 3.25	59.09 3.33 6.33	58.02 3.00 4.48
KEDC_GLWD_GT4 24219	47.80 2.16 0.00	42.31 2.32 0.00	41.91 2.35 0.00	40.33 2.15 0.00	37.56 2.09 0.00	38.14 2.11 0.00	42.38 2.20 0.00	40.69 2.40 0.00	44.64 2.64 0.00	64.18 2.58 -23.30	56.64 3.12 -12.96	63.29 3.62 -15.59	53.91 4.17 -1.78	53.70 4.04 -0.14	63.97 4.74 0.00	89.05 6.71 0.00	87.66 6.97 0.00	207.21 16.14 0.00	181.21 13.65 0.00	125.56 8.83 0.00	84.24 5.48 -1.88	88.19 4.88 -1.71	70.13 3.81 -4.22	73.94 3.43 -11.02
KEDC_GLWD_GT5 24220	47.80 2.16 0.00	42.31 2.32 0.00	41.91 2.35 0.00	40.33 2.15 0.00	37.56 2.09 0.00	38.14 2.11 0.00	42.38 2.20 0.00	40.69 2.40 0.00	44.64 2.64 0.00	64.18 2.58 -23.30	56.64 3.12 -12.96	63.29 3.62 -15.59	53.91 4.17 -1.78	53.70 4.04 -0.14	63.97 4.74 0.00	89.05 6.71 0.00	87.66 6.97 0.00	207.21 16.14 0.00	181.21 13.65 0.00	125.56 8.83 0.00	84.24 5.48 -1.88	88.19 4.88 -1.71	70.13 3.81 -4.22	73.94 3.43 -11.02
KENSICO____ 23655	47.61 1.98 0.00	41.91 1.92 0.00	41.51 1.95 0.00	39.97 1.78 0.00	37.25 1.77 0.00	37.83 1.80 0.00	42.02 1.84 0.00	40.37 2.08 0.00	44.24 2.24 0.00	64.84 2.20 -24.34	56.61 2.51 -13.54	63.03 2.93 -16.01	52.07 3.45 -0.67	53.08 3.57 0.00	63.53 4.30 0.00	88.38 6.04 0.00	86.93 6.25 0.00	205.56 14.48 0.00	179.86 12.30 0.00	124.80 8.07 0.00	81.84 4.97 0.01	85.65 4.28 0.24	65.31 3.21 0.00	62.33 2.82 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	47.73 2.09 0.00	41.87 1.88 0.00	41.41 1.85 0.00	39.84 1.65 0.00	37.10 1.63 0.00	37.65 1.62 0.00	41.85 1.68 0.00	40.18 1.90 0.00	44.08 2.07 0.00	36.07 2.15 4.38	40.52 2.41 2.44	44.01 2.80 2.88	51.02 3.18 0.12	52.91 3.40 0.00	63.37 4.15 0.00	88.43 6.09 0.00	87.37 6.69 0.00	206.66 15.58 0.00	181.21 13.64 0.00	125.80 9.07 0.00	82.52 5.65 0.01	86.25 4.89 0.24	65.63 3.53 0.00	62.50 3.00 0.00

KIAC_JFK_GT1 23816	47.56 1.92 0.00	41.84 1.85 0.00	41.39 1.83 0.00	39.84 1.65 0.00	37.15 1.68 0.00	37.72 1.69 0.00	41.88 1.70 0.00	40.31 2.03 0.00	44.23 2.22 0.00	63.92 2.21 -23.42	56.12 2.54 -13.02	62.54 3.06 -15.40	52.17 3.57 -0.65	53.25 3.73 0.00	63.71 4.48 0.00	88.59 6.24 0.00	87.22 6.54 0.00	206.19 15.12 0.00	180.48 12.91 0.00	125.19 8.46 0.00	82.15 5.28 0.01	86.01 4.63 0.24	65.66 3.56 0.00	62.54 3.04 0.00
KIAC_JFK_GT2 23817	47.56 1.92 0.00	41.84 1.85 0.00	41.39 1.83 0.00	39.84 1.65 0.00	37.15 1.68 0.00	37.72 1.69 0.00	41.88 1.70 0.00	40.31 2.03 0.00	44.23 2.22 0.00	63.92 2.21 -23.42	56.12 2.54 -13.02	62.54 3.06 -15.40	52.17 3.57 -0.65	53.25 3.73 0.00	63.71 4.48 0.00	88.59 6.24 0.00	87.22 6.54 0.00	206.19 15.12 0.00	180.48 12.91 0.00	125.19 8.46 0.00	82.15 5.28 0.01	86.01 4.63 0.24	65.66 3.56 0.00	62.54 3.04 0.00
KIAC_JFK____ 323774	47.55 1.92 0.00	41.84 1.85 0.00	41.39 1.83 0.00	39.84 1.65 0.00	37.15 1.68 0.00	37.72 1.69 0.00	41.87 1.70 0.00	40.31 2.03 0.00	44.22 2.22 0.00	63.93 2.21 -23.42	56.12 2.55 -13.02	62.54 3.06 -15.40	52.16 3.56 -0.65	53.24 3.73 0.00	63.70 4.48 0.00	88.58 6.24 0.00	87.22 6.54 0.00	206.19 15.12 0.00	180.48 12.92 0.00	125.19 8.46 0.00	82.14 5.27 0.01	86.01 4.64 0.24	65.66 3.56 0.00	62.54 3.04 0.00
KINTIGH__24_KV_GSU 356498	44.75 -0.88 0.00	39.00 -0.99 0.00	38.48 -1.08 0.00	37.03 -1.16 0.00	34.28 -1.19 0.00	34.77 -1.26 0.00	38.69 -1.49 0.00	37.07 -1.22 0.00	40.73 -1.27 0.00	36.72 -1.59 0.00	38.55 -2.00 0.00	41.80 -2.29 0.00	44.10 -2.56 1.29	46.75 -2.77 0.00	53.00 -3.01 3.22	74.82 -5.04 2.48	75.11 -4.14 1.43	180.39 -10.68 0.00	158.30 -9.26 0.00	109.67 -7.06 0.00	69.82 -5.34 1.72	79.66 -6.63 -4.69	58.47 -3.63 0.00	56.89 -2.61 0.00
KINTIGH____ 23543	44.71 -0.93 0.00	38.97 -1.03 0.00	38.45 -1.11 0.00	37.00 -1.19 0.00	34.25 -1.23 0.00	34.75 -1.29 0.00	38.66 -1.52 0.00	37.04 -1.24 0.00	40.70 -1.31 0.00	36.67 -1.63 0.00	38.52 -2.04 0.00	41.75 -2.33 0.00	44.04 -2.62 1.29	46.70 -2.81 0.00	52.95 -3.07 3.22	74.73 -5.13 2.48	75.02 -4.23 1.43	180.26 -10.81 0.00	158.15 -9.41 0.00	109.61 -7.12 0.00	69.73 -5.42 1.72	79.68 -6.62 -4.69	58.42 -3.68 0.00	56.85 -2.65 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	46.51 0.88 0.00	40.73 0.74 0.00	40.30 0.74 0.00	38.90 0.71 0.00	36.14 0.66 0.00	36.68 0.65 0.00	40.96 0.78 0.00	38.78 0.49 0.00	42.61 0.61 0.00	38.78 0.47 0.00	41.14 0.58 0.00	44.59 0.50 0.00	48.08 0.12 0.00	49.70 0.19 0.00	58.82 -0.41 0.00	81.72 -0.63 0.00	80.42 -0.26 0.00	189.37 -1.70 0.00	166.70 -0.86 0.00	116.62 -0.11 0.00	77.04 0.17 0.00	83.05 1.44 0.00	62.91 0.81 0.00	60.87 1.37 0.00
LACHUTE____HYDRO 323717	51.23 5.60 0.00	45.01 5.01 0.00	44.48 4.92 0.00	42.56 4.38 0.00	39.64 4.17 0.00	40.35 4.32 0.00	45.27 5.10 0.00	43.24 4.96 0.00	46.91 4.91 0.00	42.07 3.77 0.00	44.99 4.43 0.00	48.50 4.42 0.00	52.23 4.27 0.00	54.11 4.59 0.00	65.74 6.52 0.00	91.75 9.41 0.00	89.93 9.25 0.00	214.47 23.40 0.00	187.99 20.43 0.00	129.58 12.85 0.00	85.20 8.33 0.00	90.08 8.47 0.00	68.04 5.94 0.00	64.85 5.35 0.00
LAWRNCALV_115KV_TB1 80681	46.59 0.96 0.00	40.78 0.79 0.00	40.28 0.72 0.00	38.92 0.73 0.00	36.08 0.60 0.00	36.62 0.59 0.00	40.91 0.73 0.00	38.66 0.38 0.00	42.60 0.59 0.00	38.81 0.51 0.00	41.02 0.47 0.00	44.59 0.51 0.00	48.14 0.18 0.00	49.43 -0.09 0.00	58.77 -0.46 0.00	81.72 -0.62 0.00	80.56 -0.12 0.00	190.35 -0.73 0.00	167.45 -0.11 0.00	117.14 0.41 0.00	77.47 0.60 0.00	83.59 1.99 0.00	63.50 1.40 0.00	61.07 1.56 0.00
LEDERLE____ 23769	47.65 2.02 0.00	41.88 1.89 0.00	41.49 1.94 0.00	39.97 1.78 0.00	37.25 1.78 0.00	37.81 1.78 0.00	42.01 1.83 0.00	40.35 2.07 0.00	44.23 2.22 0.00	7.91 2.17 32.56	24.90 2.46 18.11	25.58 2.91 21.42	50.53 3.48 0.90	53.18 3.67 0.00	63.75 4.52 0.00	88.74 6.40 0.00	87.28 6.60 0.00	206.32 15.24 0.00	180.35 12.79 0.00	125.18 8.45 0.00	82.03 5.16 0.01	85.81 4.45 0.24	65.43 3.34 0.00	62.42 2.92 0.00
LIGHTHSE_115KV_TB6 355974	45.94 0.31 0.00	40.17 0.18 0.00	39.70 0.10 -0.04	38.23 0.05 0.00	35.47 0.00 0.00	35.96 -0.07 0.00	40.03 -0.14 0.00	38.26 -0.02 0.00	41.98 -0.03 0.00	38.21 -0.09 0.00	40.54 -0.02 0.00	44.09 0.01 0.00	47.97 0.01 0.00	49.24 -0.28 -0.96	60.03 -0.15 -5.28	86.97 -0.65 -5.28	88.70 -0.99 -9.00	201.24 -1.56 -11.73	168.54 -0.51 -1.48	118.04 0.53 -0.78	77.87 0.27 -0.72	84.48 0.09 -2.78	63.42 0.19 -1.14	61.02 0.10 -1.42
LINDEN COGEN____ 23786	47.57 1.94 0.00	41.87 1.88 0.00	41.46 1.91 0.00	39.92 1.73 0.00	37.23 1.76 0.00	37.78 1.75 0.00	41.97 1.79 0.00	40.36 2.07 0.00	44.26 2.26 0.00	63.94 2.23 -23.41	56.15 2.57 -13.02	62.49 3.01 -15.40	52.07 3.47 -0.64	53.11 3.59 0.00	63.55 4.33 0.00	88.41 6.07 0.00	87.01 6.33 0.00	205.58 14.50 0.00	179.78 12.22 0.00	124.75 8.02 0.00	81.83 4.96 0.01	85.63 4.26 0.24	65.28 3.18 0.00	62.26 2.77 0.00
LINDHRST_69_KV_BK1 356055	47.84 2.21 0.00	42.75 2.76 0.00	42.36 2.81 0.00	40.73 2.54 0.00	37.92 2.45 0.00	38.49 2.45 0.00	42.80 2.62 0.00	41.01 2.72 0.00	45.03 3.02 0.00	64.50 2.90 -23.30	57.11 3.59 -12.96	63.75 4.08 -15.59	54.71 4.98 -1.78	54.33 4.73 -0.09	64.38 5.15 0.00	89.68 7.33 0.00	91.43 7.57 -3.18	211.70 17.77 -2.86	193.18 15.32 -10.30	126.61 9.88 0.00	80.31 6.29 2.86	83.86 5.68 3.43	63.50 4.11 2.71	64.39 4.09 -0.80
LIPA_MISC_IPP 23656	46.98 1.35 0.00	42.20 2.21 0.00	41.86 2.31 0.00	40.24 2.05 0.00	37.48 2.01 0.00	38.09 2.05 0.00	42.48 2.30 0.00	40.55 2.27 0.00	44.57 2.57 0.00	64.04 2.44 -23.30	56.73 3.21 -12.96	63.41 3.74 -15.59	54.64 4.90 -1.78	54.05 4.48 -0.06	63.86 4.63 0.00	88.98 6.63 -0.01	126.15 6.95 -38.51	257.38 16.15 -50.16	311.37 13.82 -129.99	127.94 8.59 -2.62	79.48 5.35 2.76	81.64 4.75 4.71	58.90 3.23 6.43	57.91 3.05 4.64
LISF____SOLAR 323691	47.09 1.46 0.00	42.30 2.31 0.00	41.96 2.40 0.00	40.32 2.14 0.00	37.55 2.08 0.00	38.16 2.13 0.00	42.58 2.40 0.00	40.63 2.34 0.00	44.69 2.69 0.00	64.13 2.53 -23.30	56.83 3.31 -12.96	63.49 3.82 -15.59	54.74 5.00 -1.78	54.09 4.51 -0.06	64.00 4.77 0.00	89.26 6.91 -0.01	128.38 7.21 -40.49	261.64 16.85 -53.71	317.24 14.56 -135.13	128.72 9.07 -2.92	79.97 5.67 2.58	82.19 5.10 4.51	59.04 3.33 6.39	57.82 2.90 4.58
LITTLE FALLS____HYD 24013	46.50 0.87 0.00	40.87 0.87 0.00	40.57 1.02 0.00	39.09 0.90 0.00	36.39 0.91 0.00	37.04 1.01 0.00	41.19 1.01 0.00	39.29 1.00 0.00	42.81 0.80 0.00	39.14 0.84 0.00	41.14 0.59 0.00	44.55 0.46 0.00	48.51 0.56 0.00	50.27 0.75 0.00	61.07 1.84 0.00	84.41 2.07 0.00	80.98 0.30 0.00	194.08 3.01 0.00	172.03 4.46 0.00	120.45 3.72 0.00	79.68 2.80 0.00	83.55 1.95 0.00	63.37 1.27 0.00	60.36 0.86 0.00

LITTLRIV_115KV_TB1 356100	47.25 1.62 0.00	41.34 1.35 0.00	40.83 1.28 0.00	39.43 1.24 0.00	36.54 1.06 0.00	37.09 1.06 0.00	41.46 1.28 0.00	39.14 0.86 0.00	43.14 1.14 0.00	39.24 0.94 0.00	41.39 0.84 0.00	45.09 1.01 0.00	48.56 0.60 0.00	49.68 0.16 0.00	58.94 -0.28 0.00	81.81 -0.53 0.00	80.89 0.21 0.00	191.59 0.52 0.00	169.16 1.60 0.00	118.47 1.75 0.00	78.55 1.67 0.00	84.90 3.30 0.00	64.46 2.37 0.00	61.96 2.46 0.00
LI_NEWBRDGE___DRP 323616	47.16 1.52 0.00	42.00 2.01 0.00	41.63 2.07 0.00	40.06 1.87 0.00	37.29 1.82 0.00	37.87 1.84 0.00	42.08 1.90 0.00	40.33 2.04 0.00	44.25 2.25 0.00	63.80 2.20 -23.30	56.35 2.84 -12.96	62.95 3.28 -15.59	53.71 3.97 -1.78	53.37 3.81 -0.04	63.36 4.13 0.00	88.19 5.85 0.00	86.80 6.12 0.00	205.15 14.08 0.00	179.54 11.98 0.00	124.34 7.61 0.01	74.41 4.79 7.25	78.08 4.14 7.66	56.57 3.01 8.53	54.40 3.01 8.11
LOCKPORT_115KV_TB60_63_64 80432	44.73 -0.91 0.00	39.02 -0.97 0.00	38.50 -1.05 0.00	37.03 -1.16 0.00	34.24 -1.24 0.00	34.72 -1.31 0.00	38.63 -1.55 0.00	37.03 -1.26 0.00	40.71 -1.29 0.00	36.38 -1.92 0.00	37.95 -2.61 0.00	41.00 -3.09 0.00	42.72 -3.37 1.87	45.75 -3.76 0.00	50.57 -4.00 4.66	72.14 -6.61 3.59	73.19 -5.42 2.07	176.84 -14.23 0.00	155.09 -12.47 0.00	107.58 -9.15 0.00	67.68 -6.66 2.54	67.04 -7.99 6.57	57.60 -4.50 0.00	56.53 -2.97 0.00
LOCKPORT___CC1 323769	44.68 -0.95 0.00	38.97 -1.02 0.00	38.45 -1.11 0.00	36.96 -1.23 0.00	34.18 -1.29 0.00	34.68 -1.35 0.00	38.57 -1.61 0.00	36.98 -1.30 0.00	40.66 -1.35 0.00	36.35 -1.95 0.00	37.91 -2.65 0.00	40.93 -3.15 0.00	42.48 -3.46 2.02	45.64 -3.87 0.00	50.06 -4.15 5.02	71.67 -6.80 3.87	72.80 -5.65 2.24	176.32 -14.75 0.00	154.66 -12.90 0.00	107.20 -9.53 0.00	67.41 -6.89 2.59	66.39 -8.32 6.90	57.43 -4.67 0.00	56.32 -3.18 0.00
LOCKPORT___CC2 323770	44.68 -0.95 0.00	38.97 -1.02 0.00	38.45 -1.11 0.00	36.96 -1.23 0.00	34.18 -1.29 0.00	34.68 -1.35 0.00	38.57 -1.61 0.00	36.98 -1.30 0.00	40.66 -1.35 0.00	36.35 -1.95 0.00	37.91 -2.65 0.00	40.93 -3.15 0.00	42.48 -3.46 2.02	45.64 -3.87 0.00	50.06 -4.15 5.02	71.67 -6.80 3.87	72.80 -5.65 2.24	176.32 -14.75 0.00	154.66 -12.90 0.00	107.20 -9.53 0.00	67.41 -6.89 2.59	66.39 -8.32 6.90	57.43 -4.67 0.00	56.32 -3.18 0.00
LOCKPORT___CC3 323771	44.68 -0.95 0.00	38.97 -1.02 0.00	38.45 -1.11 0.00	36.96 -1.23 0.00	34.18 -1.29 0.00	34.68 -1.35 0.00	38.57 -1.61 0.00	36.98 -1.30 0.00	40.66 -1.35 0.00	36.35 -1.95 0.00	37.91 -2.65 0.00	40.93 -3.15 0.00	42.48 -3.46 2.02	45.64 -3.87 0.00	50.06 -4.15 5.02	71.67 -6.80 3.87	72.80 -5.65 2.24	176.32 -14.75 0.00	154.66 -12.90 0.00	107.20 -9.53 0.00	67.41 -6.89 2.59	66.39 -8.32 6.90	57.43 -4.67 0.00	56.32 -3.18 0.00
LOCUSVLY_69_KV_BK2 55797	47.80 2.16 0.00	42.42 2.43 0.00	42.00 2.44 0.00	40.41 2.22 0.00	37.60 2.13 0.00	38.18 2.15 0.00	42.43 2.26 0.00	40.71 2.42 0.00	44.70 2.69 0.00	64.24 2.64 -23.30	56.81 3.29 -12.96	63.47 3.80 -15.59	54.21 4.48 -1.78	54.04 4.40 -0.12	64.28 5.06 0.00	89.55 7.21 0.00	88.24 7.55 0.00	208.52 17.45 0.00	182.25 14.69 0.00	126.15 9.43 0.00	82.72 5.86 0.01	86.63 5.26 0.24	67.72 3.94 -1.68	70.69 3.71 -7.47
LONG_LAKE_PHOENIX 24014	44.91 -0.72 0.00	39.29 -0.70 0.00	38.87 -0.74 -0.06	37.44 -0.75 0.00	34.75 -0.72 0.00	35.28 -0.75 0.00	39.31 -0.87 0.00	37.58 -0.70 0.00	41.22 -0.79 0.00	37.54 -0.76 0.00	39.75 -0.80 0.00	43.26 -0.82 0.00	47.12 -0.84 0.00	48.59 -0.92 0.00	59.70 -0.98 -1.45	88.88 -1.45 -7.99	92.80 -1.50 -13.62	205.30 -3.52 -17.75	167.05 -2.75 -2.24	116.20 -1.71 -1.19	76.71 -1.27 -1.09	84.00 -1.81 -4.21	62.56 -1.26 -1.72	60.35 -1.29 -2.14
LOVETT___3 23632	47.29 1.66 0.00	41.60 1.61 0.00	41.22 1.67 0.00	39.71 1.52 0.00	37.02 1.55 0.00	37.58 1.55 0.00	41.73 1.56 0.00	40.09 1.80 0.00	43.91 1.91 0.00	5.46 1.87 34.71	23.39 2.14 19.31	23.77 2.52 22.83	50.01 3.02 0.96	52.69 3.18 0.00	63.08 3.85 0.00	87.76 5.42 0.00	86.31 5.63 0.00	204.03 12.96 0.00	178.49 10.92 0.00	123.91 7.19 0.00	81.22 4.36 0.01	85.00 3.64 0.24	64.82 2.73 0.00	61.89 2.39 0.00
LOVETT___4 23642	47.29 1.66 0.00	41.60 1.61 0.00	41.22 1.67 0.00	39.71 1.52 0.00	37.02 1.55 0.00	37.58 1.55 0.00	41.73 1.56 0.00	40.09 1.80 0.00	43.91 1.91 0.00	5.46 1.87 34.71	23.39 2.14 19.31	23.77 2.52 22.83	50.01 3.02 0.96	52.69 3.18 0.00	63.08 3.85 0.00	87.76 5.42 0.00	86.31 5.63 0.00	204.03 12.96 0.00	178.49 10.92 0.00	123.91 7.19 0.00	81.22 4.36 0.01	85.00 3.64 0.24	64.82 2.73 0.00	61.89 2.39 0.00
LOVETT___5 23593	47.29 1.66 0.00	41.60 1.61 0.00	41.22 1.67 0.00	39.71 1.52 0.00	37.02 1.55 0.00	37.58 1.55 0.00	41.73 1.56 0.00	40.09 1.80 0.00	43.91 1.91 0.00	5.46 1.87 34.71	23.39 2.14 19.31	23.77 2.52 22.83	50.01 3.02 0.96	52.69 3.18 0.00	63.08 3.85 0.00	87.76 5.42 0.00	86.31 5.63 0.00	204.03 12.96 0.00	178.49 10.92 0.00	123.91 7.19 0.00	81.22 4.36 0.01	85.00 3.64 0.24	64.82 2.73 0.00	61.89 2.39 0.00
LOWER RAQUET___HYD 24057	46.70 1.07 0.00	40.86 0.88 0.00	40.38 0.82 0.00	39.00 0.81 0.00	36.14 0.67 0.00	36.69 0.66 0.00	40.99 0.82 0.00	38.74 0.45 0.00	42.68 0.67 0.00	38.88 0.58 0.00	41.09 0.53 0.00	44.67 0.59 0.00	48.21 0.26 0.00	49.46 -0.06 0.00	58.94 -0.41 -0.12	82.43 -0.60 -0.68	81.75 -0.09 -1.17	192.02 -0.57 -1.52	167.85 0.10 -0.19	117.48 0.65 -0.10	77.74 0.77 -0.09	84.17 2.20 -0.36	63.78 1.54 -0.15	61.38 1.70 -0.18
LOWER___HUDSON 24059	47.20 1.56 0.00	41.51 1.52 0.00	41.16 1.61 0.00	39.67 1.48 0.00	36.92 1.45 0.00	37.57 1.54 0.00	41.82 1.65 0.00	39.99 1.70 0.00	43.69 1.69 0.00	39.80 1.50 0.00	42.14 1.58 0.00	45.63 1.55 0.00	49.75 1.79 0.00	51.51 1.99 0.00	61.81 2.59 0.00	86.03 3.69 0.00	83.90 3.22 0.00	199.14 8.07 0.00	175.01 7.45 0.00	121.75 5.03 0.00	79.96 3.08 0.00	84.17 2.56 0.00	64.02 1.92 0.00	61.24 1.74 0.00
LOWVILLE_115KV_TB2 356335	47.80 2.17 0.00	41.77 1.79 0.00	41.26 1.69 -0.01	39.76 1.57 0.00	36.90 1.43 0.00	37.47 1.44 0.00	41.78 1.61 0.00	39.80 1.51 0.00	43.64 1.64 0.00	39.75 1.45 0.00	41.97 1.42 0.00	45.52 1.44 0.00	49.44 1.49 0.00	50.46 0.94 0.00	60.84 1.32 -0.29	85.56 1.61 -1.61	84.96 1.54 -2.74	199.41 4.77 -3.57	173.54 5.53 -0.45	122.30 5.34 -0.24	80.58 3.48 -0.22	86.19 3.74 -0.85	65.16 2.71 -0.34	62.58 2.65 -0.43
LUTHERFT_115KV_GLOB_FND_222 355753	47.98 2.34 0.00	42.15 2.16 0.00	41.71 2.15 0.00	40.18 1.99 0.00	37.36 1.89 0.00	38.02 1.98 0.00	42.36 2.19 0.00	40.48 2.20 0.00	44.28 2.28 0.00	40.30 2.00 0.00	42.65 2.09 0.00	46.20 2.12 0.00	50.29 2.34 0.00	52.12 2.60 0.00	62.61 3.39 0.00	87.42 5.07 0.00	84.88 4.20 0.00	201.97 10.90 0.00	177.95 10.39 0.00	123.81 7.08 0.00	81.35 4.48 0.00	85.57 3.96 0.00	64.98 2.88 0.00	62.14 2.64 0.00

LUTHERNY_35_KV_BK2 355980	48.02 2.39 0.00	42.19 2.20 0.00	41.73 2.17 0.00	40.20 2.01 0.00	37.36 1.89 0.00	38.06 2.03 0.00	42.41 2.24 0.00	40.52 2.23 0.00	44.32 2.31 0.00	40.35 2.05 0.00	42.69 2.14 0.00	46.24 2.16 0.00	50.34 2.39 0.00	52.22 2.70 0.00	62.74 3.51 0.00	87.57 5.23 0.00	84.97 4.29 0.00	202.22 11.15 0.00	178.22 10.66 0.00	124.02 7.29 0.00	81.45 4.58 0.00	85.55 3.94 0.00	64.99 2.90 0.00	62.22 2.72 0.00
LWR___OSWEGATCHIE_HYD 23850	47.20 1.56 0.00	41.26 1.28 0.00	40.76 1.19 -0.01	39.32 1.13 0.00	36.46 0.99 0.00	37.01 0.98 0.00	41.32 1.15 0.00	39.20 0.92 0.00	43.09 1.09 0.00	39.22 0.92 0.00	41.47 0.91 0.00	45.06 0.97 0.00	48.78 0.83 0.00	49.89 0.37 0.00	59.84 0.37 -0.25	84.00 0.29 -1.37	83.47 0.46 -2.33	195.72 1.61 -3.04	170.44 2.50 -0.38	119.79 2.86 -0.20	79.14 2.07 -0.19	85.22 2.90 -0.72	64.46 2.07 -0.29	61.98 2.12 -0.37
LYONS_FALL_HYD 23570	47.42 1.79 0.00	41.48 1.49 0.00	40.97 1.41 -0.01	39.49 1.30 0.00	36.66 1.19 0.00	37.24 1.21 0.00	41.52 1.34 0.00	39.59 1.30 0.00	43.43 1.43 0.00	39.58 1.28 0.00	41.83 1.27 0.00	45.40 1.32 0.00	49.40 1.44 0.00	50.65 1.14 0.00	60.83 1.38 -0.21	85.33 1.80 -1.19	84.50 1.79 -2.03	198.76 5.05 -2.64	173.20 5.30 -0.33	121.65 4.75 -0.18	80.14 3.10 -0.16	85.41 3.18 -0.63	64.65 2.30 -0.26	62.00 2.18 -0.32
MADISON___COUNTY_LFGE 323628	46.99 1.36 0.00	41.12 1.13 0.00	40.63 1.06 -0.01	39.16 0.98 0.00	36.36 0.89 0.00	36.94 0.91 0.00	41.18 1.01 0.00	39.30 1.02 0.00	43.19 1.18 0.00	39.33 1.02 0.00	41.52 0.97 0.00	45.18 1.10 0.00	49.28 1.32 0.00	50.95 1.43 0.00	60.85 1.37 -0.24	85.70 2.02 -1.33	84.99 2.04 -2.28	199.65 5.61 -2.96	172.76 4.83 -0.37	120.90 3.98 -0.20	79.70 2.64 -0.18	84.74 2.43 -0.70	64.18 1.80 -0.29	61.44 1.58 -0.36
MALONE___115KV_TB1 356076	46.62 0.99 0.00	40.79 0.80 0.00	40.34 0.78 0.00	38.97 0.78 0.00	36.17 0.70 0.00	36.71 0.68 0.00	41.02 0.84 0.00	38.82 0.53 0.00	42.76 0.75 0.00	39.01 0.71 0.00	41.29 0.74 0.00	44.81 0.73 0.00	48.37 0.41 0.00	49.85 0.34 0.00	59.04 -0.19 0.00	82.05 -0.29 0.00	80.83 0.15 0.00	190.47 -0.60 0.00	167.82 0.26 0.00	117.36 0.63 0.00	77.65 0.77 0.00	83.74 2.14 0.00	63.48 1.39 0.00	61.18 1.69 0.00
MAPLEWOD_115KV_TB3 80458	46.94 1.30 0.00	41.24 1.25 0.00	40.90 1.34 0.00	39.44 1.25 0.00	36.71 1.23 0.00	37.32 1.29 0.00	41.50 1.33 0.00	39.72 1.43 0.00	43.41 1.40 0.00	39.58 1.28 0.00	41.94 1.39 0.00	45.47 1.39 0.00	49.64 1.69 0.00	51.44 1.92 0.00	61.67 2.45 0.00	85.86 3.51 0.00	83.66 2.98 0.00	198.67 7.59 0.00	174.45 6.89 0.00	121.33 4.61 0.00	79.68 2.80 0.00	83.85 2.24 0.00	63.75 1.65 0.00	60.92 1.42 0.00
MAPLE_RIDGE_WT_1 323574	45.68 0.05 0.00	40.03 0.04 0.00	39.57 0.01 0.00	38.14 -0.05 0.00	35.45 -0.02 0.00	36.00 -0.03 0.00	40.17 0.00 0.00	38.24 -0.04 0.00	41.94 -0.07 0.00	38.29 -0.01 0.00	40.49 -0.07 0.00	43.92 -0.16 0.00	47.62 -0.33 0.00	49.08 -0.44 0.00	58.79 -0.43 0.00	81.85 -0.49 0.00	80.48 -0.20 0.00	190.56 -0.51 0.00	167.14 -0.42 0.00	116.48 -0.25 0.00	76.72 -0.15 0.00	81.58 -0.03 0.00	62.08 -0.01 0.00	59.55 0.05 0.00
MAPLE_RIDGE_WT_2 323611	45.68 0.05 0.00	40.03 0.04 0.00	39.57 0.01 0.00	38.14 -0.05 0.00	35.45 -0.02 0.00	36.00 -0.03 0.00	40.17 0.00 0.00	38.24 -0.04 0.00	41.94 -0.07 0.00	38.29 -0.01 0.00	40.49 -0.07 0.00	43.92 -0.16 0.00	47.62 -0.33 0.00	49.08 -0.44 0.00	58.79 -0.43 0.00	81.85 -0.49 0.00	80.48 -0.20 0.00	190.56 -0.51 0.00	167.14 -0.42 0.00	116.48 -0.25 0.00	76.72 -0.15 0.00	81.58 -0.03 0.00	62.08 -0.01 0.00	59.55 0.05 0.00
MARBLE_RIVER_WT_PWR 323696	45.96 0.32 0.00	40.25 0.26 0.00	39.83 0.28 0.00	38.49 0.30 0.00	35.73 0.26 0.00	36.29 0.26 0.00	40.53 0.36 0.00	38.38 0.09 0.00	42.20 0.19 0.00	38.42 0.12 0.00	40.71 0.16 0.00	44.17 0.09 0.00	47.68 -0.27 0.00	49.24 -0.28 0.00	58.44 -0.79 0.00	81.26 -1.08 0.00	79.96 -0.72 0.00	188.75 -2.32 0.00	165.72 -1.84 0.00	115.56 -1.17 0.00	76.36 -0.51 0.00	82.16 0.56 0.00	62.31 0.21 0.00	60.21 0.71 0.00
MARSHVLE_115KV_TB1 80742	48.30 2.67 0.00	42.16 2.17 0.00	41.56 2.00 0.00	40.05 1.87 0.00	37.18 1.71 0.00	37.76 1.73 0.00	42.04 1.86 0.00	39.75 1.47 0.00	43.72 1.72 0.00	40.02 1.72 0.00	41.99 1.44 0.00	45.43 1.35 0.00	49.44 1.49 0.00	50.84 1.33 0.00	61.13 1.90 0.00	85.34 3.00 0.00	83.04 2.35 0.00	197.30 6.22 0.00	173.93 6.37 0.00	122.63 5.91 0.00	81.39 4.53 0.01	86.05 4.72 0.28	65.74 3.64 0.00	62.95 3.45 0.00
MARSH_HILL_WT_PWR 323713	46.03 0.39 0.00	40.12 0.13 0.00	39.46 -0.10 -0.01	38.05 -0.13 0.00	35.22 -0.25 0.00	35.81 -0.22 0.00	39.79 -0.39 0.00	38.04 -0.24 0.00	41.74 -0.27 0.00	37.74 -0.56 0.00	39.75 -0.80 0.00	42.76 -1.32 0.00	54.32 -2.30 -8.66	47.35 -2.16 0.00	77.92 -2.96 -21.66	95.26 -4.61 -17.53	87.43 -4.46 -11.21	185.73 -7.49 -2.16	162.26 -5.57 -0.27	113.13 -3.74 -0.14	68.41 -2.06 6.41	75.73 -2.45 3.43	60.96 -1.35 -0.21	58.36 -1.40 -0.26
MCINTYRE_115KV_TB2 80467	47.41 1.78 0.00	41.49 1.50 0.00	40.97 1.41 0.00	39.56 1.37 0.00	36.66 1.19 0.00	37.20 1.17 0.00	41.59 1.42 0.00	39.25 0.96 0.00	43.29 1.29 0.00	39.34 1.03 0.00	41.48 0.92 0.00	45.20 1.12 0.00	48.55 0.59 0.00	49.68 0.17 0.00	58.94 -0.29 0.00	81.81 -0.54 0.00	80.96 0.27 0.00	191.92 0.85 0.00	169.42 1.85 0.00	118.65 1.92 0.00	78.75 1.88 0.00	85.25 3.65 0.00	64.75 2.66 0.00	62.21 2.71 0.00
MECO____69_KV_BK1 80468	48.84 3.20 0.00	42.68 2.69 0.00	42.11 2.55 0.00	40.56 2.37 0.00	37.67 2.20 0.00	38.27 2.23 0.00	42.61 2.44 0.00	40.42 2.13 0.00	44.13 2.12 0.00	40.43 2.13 0.00	42.26 1.71 0.00	45.80 1.71 0.00	49.61 1.66 0.00	51.17 1.65 0.00	61.99 2.76 0.00	86.85 4.51 0.00	83.48 2.80 0.00	198.78 7.71 0.00	176.26 8.70 0.00	124.84 8.11 0.00	82.85 5.99 0.01	87.32 5.96 0.24	66.56 4.46 0.00	63.56 4.06 0.00
MENANDS___115KV_TB5 355628	46.59 0.95 0.00	40.95 0.96 0.00	40.63 1.07 0.00	39.19 1.00 0.00	36.48 1.01 0.00	37.11 1.07 0.00	41.24 1.07 0.00	39.48 1.19 0.00	43.14 1.13 0.00	39.33 1.03 0.00	41.67 1.12 0.00	45.20 1.12 0.00	49.33 1.38 0.00	51.07 1.56 0.00	61.22 1.99 0.00	85.14 2.80 0.00	83.12 2.44 0.00	197.13 6.05 0.00	173.00 5.44 0.00	120.29 3.56 0.00	79.00 2.13 0.00	83.17 1.56 0.00	63.24 1.14 0.00	60.47 0.97 0.00
MG INDUSTRY___DRP 24185	46.53 0.90 0.00	40.90 0.91 0.00	40.54 0.98 0.00	39.13 0.94 0.00	36.40 0.93 0.00	37.00 0.96 0.00	41.15 0.98 0.00	39.36 1.07 0.00	42.95 0.95 0.00	39.12 0.81 0.00	41.39 0.83 0.00	44.92 0.84 0.00	49.01 1.05 0.00	50.69 1.18 0.00	60.82 1.59 0.00	84.55 2.21 0.00	82.48 1.80 0.00	195.51 4.43 0.00	171.76 4.20 0.00	119.65 2.92 0.00	78.71 1.83 0.00	82.95 1.34 0.00	63.15 1.06 0.00	60.44 0.94 0.00

MID___OSWEGATCHIE_HYD 23849	47.20 1.56 0.00	41.26 1.28 0.00	40.76 1.19 -0.01	39.32 1.13 0.00	36.46 0.99 0.00	37.01 0.98 0.00	41.32 1.15 0.00	39.20 0.92 0.00	43.09 1.09 0.00	39.22 0.92 0.00	41.47 0.91 0.00	45.06 0.97 0.00	48.78 0.83 0.00	49.89 0.37 0.00	59.84 0.37 -0.25	84.00 0.29 -1.37	83.47 0.46 -2.33	195.72 1.61 -3.04	170.44 2.50 -0.38	119.79 2.86 -0.20	79.14 2.07 -0.19	85.22 2.90 -0.72	64.46 2.07 -0.29	61.98 2.12 -0.37
MID___RAQUETTE_HYD 23851	46.70 1.07 0.00	40.87 0.87 0.00	40.38 0.82 0.00	39.00 0.81 0.00	36.14 0.67 0.00	36.69 0.66 0.00	40.99 0.82 0.00	38.74 0.45 0.00	42.68 0.67 0.00	38.88 0.58 0.00	41.09 0.53 0.00	44.67 0.59 0.00	48.22 0.26 0.00	49.46 -0.06 0.00	58.94 -0.41 -0.12	82.43 -0.60 -0.68	81.75 -0.09 -1.17	192.01 -0.58 -1.52	167.85 0.10 -0.19	117.47 0.65 -0.10	77.74 0.77 -0.09	84.17 2.21 -0.36	63.78 1.54 -0.15	61.38 1.70 -0.18
MILLIKEN___1 23584	46.59 0.95 0.00	40.67 0.68 0.00	40.17 0.59 -0.02	38.77 0.57 0.00	35.97 0.50 0.00	36.53 0.50 0.00	40.70 0.53 0.00	38.96 0.68 0.00	42.61 0.61 0.00	38.67 0.37 0.00	40.93 0.38 0.00	44.69 0.61 0.00	49.26 0.66 -0.65	50.01 0.49 0.00	61.91 0.56 -2.13	87.62 1.13 -4.15	87.26 0.88 -5.70	200.26 2.69 -6.50	170.75 2.37 -0.82	119.38 2.21 -0.44	86.69 1.30 -8.52	83.20 0.92 -0.67	63.59 0.87 -0.63	60.98 0.69 -0.79
MILLIKEN___2 23585	46.59 0.95 0.00	40.67 0.68 0.00	40.17 0.59 -0.02	38.77 0.57 0.00	35.97 0.50 0.00	36.53 0.50 0.00	40.70 0.53 0.00	38.96 0.68 0.00	42.61 0.61 0.00	38.67 0.37 0.00	40.93 0.38 0.00	44.69 0.61 0.00	49.26 0.66 -0.65	50.01 0.49 0.00	61.91 0.56 -2.13	87.62 1.13 -4.15	87.26 0.88 -5.70	200.26 2.69 -6.50	170.75 2.37 -0.82	119.38 2.21 -0.44	86.69 1.30 -8.52	83.20 0.92 -0.67	63.59 0.87 -0.63	60.98 0.69 -0.79
MILLIKEN___DIESEL 23629	46.59 0.95 0.00	40.67 0.68 0.00	40.17 0.59 -0.02	38.77 0.57 0.00	35.97 0.50 0.00	36.53 0.50 0.00	40.70 0.53 0.00	38.96 0.68 0.00	42.61 0.61 0.00	38.67 0.37 0.00	40.93 0.38 0.00	44.69 0.61 0.00	49.26 0.66 -0.65	50.01 0.49 0.00	61.91 0.56 -2.13	87.62 1.13 -4.15	87.26 0.88 -5.70	200.26 2.69 -6.50	170.75 2.37 -0.82	119.38 2.21 -0.44	86.69 1.30 -8.52	83.20 0.92 -0.67	63.59 0.87 -0.63	60.98 0.69 -0.79
MILLSEAT___LFGE 323607	45.66 0.02 0.00	39.78 -0.21 0.00	39.21 -0.35 0.00	37.71 -0.48 0.00	34.88 -0.59 0.00	35.39 -0.65 0.00	39.39 -0.78 0.00	37.76 -0.52 0.00	41.54 -0.46 0.00	37.19 -1.11 0.00	38.82 -1.73 0.00	42.04 -2.04 0.00	44.10 -2.30 1.56	46.91 -2.60 0.00	52.70 -2.66 3.86	74.84 -4.52 2.98	75.53 -3.43 1.72	181.90 -9.17 0.00	159.99 -7.57 0.00	111.35 -5.37 0.00	70.52 -4.03 2.34	71.17 -5.29 5.15	59.46 -2.64 0.00	58.00 -1.50 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	47.49 1.86 0.00	41.79 1.81 0.00	41.40 1.85 0.00	39.87 1.68 0.00	37.15 1.68 0.00	37.73 1.70 0.00	41.91 1.73 0.00	40.26 1.97 0.00	44.11 2.11 0.00	65.00 2.07 -24.63	56.62 2.37 -13.70	63.05 2.77 -16.20	51.90 3.26 -0.68	52.92 3.40 0.00	63.34 4.11 0.00	88.12 5.78 0.00	86.67 5.99 0.00	204.90 13.83 0.00	179.35 11.79 0.00	124.45 7.72 0.00	81.62 4.76 0.01	85.41 4.04 0.24	65.12 3.03 0.00	62.16 2.66 0.00
MILLWOOD_13_KV_LOAD 356217	47.58 1.95 0.00	41.87 1.88 0.00	41.46 1.91 0.00	39.94 1.75 0.00	37.21 1.74 0.00	37.78 1.76 0.00	41.98 1.80 0.00	40.33 2.04 0.00	44.19 2.19 0.00	65.07 2.15 -24.63	56.70 2.45 -13.70	63.14 2.86 -16.20	52.01 3.38 -0.68	53.02 3.50 0.00	63.48 4.25 0.00	88.35 6.01 0.00	86.91 6.23 0.00	205.45 14.38 0.00	179.82 12.26 0.00	124.76 8.04 0.00	81.82 4.95 0.01	85.65 4.28 0.24	65.28 3.19 0.00	62.29 2.79 0.00
MODEL_CITY_ENERGY 24167	44.31 -1.32 0.00	38.69 -1.29 0.00	38.22 -1.34 0.00	36.74 -1.45 0.00	33.99 -1.49 0.00	34.47 -1.56 0.00	38.34 -1.83 0.00	36.75 -1.53 0.00	40.41 -1.60 0.00	36.09 -2.22 0.00	37.61 -2.94 0.00	40.62 -3.46 0.00	42.33 -3.66 1.97	45.33 -4.18 0.00	49.89 -4.45 4.89	71.27 -7.29 3.78	72.43 -6.07 2.18	175.10 -15.97 0.00	153.47 -14.09 0.00	106.38 -10.35 0.00	66.83 -7.41 2.64	65.28 -8.91 7.42	57.03 -5.07 0.00	56.14 -3.36 0.00
MODERN_LFGE___ 323580	44.31 -1.32 0.00	38.69 -1.29 0.00	38.22 -1.34 0.00	36.74 -1.45 0.00	33.99 -1.49 0.00	34.47 -1.56 0.00	38.34 -1.83 0.00	36.75 -1.53 0.00	40.41 -1.60 0.00	36.09 -2.22 0.00	37.61 -2.94 0.00	40.62 -3.46 0.00	42.33 -3.66 1.97	45.33 -4.18 0.00	49.89 -4.45 4.89	71.27 -7.29 3.78	72.43 -6.07 2.18	175.10 -15.97 0.00	153.47 -14.09 0.00	106.38 -10.35 0.00	66.83 -7.41 2.64	65.28 -8.91 7.42	57.03 -5.07 0.00	56.14 -3.36 0.00
MOHAWK_PAPER___DRP 24187	46.94 1.30 0.00	41.24 1.25 0.00	40.90 1.34 0.00	39.44 1.25 0.00	36.71 1.23 0.00	37.32 1.29 0.00	41.50 1.33 0.00	39.72 1.43 0.00	43.41 1.40 0.00	39.58 1.28 0.00	41.94 1.39 0.00	45.47 1.39 0.00	49.64 1.69 0.00	51.44 1.92 0.00	61.67 2.45 0.00	85.86 3.51 0.00	83.66 2.98 0.00	198.67 7.59 0.00	174.45 6.89 0.00	121.33 4.61 0.00	79.68 2.80 0.00	83.85 2.24 0.00	63.75 1.65 0.00	60.92 1.42 0.00
MOHICAN___35_KV_115KV_LD 80490	48.62 2.98 0.00	42.71 2.72 0.00	42.23 2.68 0.00	40.64 2.45 0.00	37.80 2.33 0.00	38.46 2.42 0.00	42.89 2.72 0.00	41.03 2.74 0.00	44.85 2.84 0.00	40.68 2.38 0.00	43.00 2.45 0.00	46.52 2.44 0.00	50.51 2.56 0.00	52.29 2.78 0.00	62.99 3.76 0.00	88.11 5.76 0.00	85.66 4.98 0.00	204.02 12.95 0.00	180.27 12.70 0.00	125.18 8.45 0.00	82.26 5.38 0.00	86.55 4.95 0.00	65.51 3.42 0.00	62.59 3.09 0.00
MONGAUP___HYD 23641	47.75 2.11 0.00	41.90 1.91 0.00	41.45 1.89 0.00	39.90 1.72 0.00	37.16 1.69 0.00	37.73 1.70 0.00	41.93 1.75 0.00	40.20 1.91 0.00	44.05 2.05 0.00	20.22 1.94 20.02	31.55 2.14 11.14	33.12 2.20 13.17	49.55 2.15 0.55	52.00 2.49 0.00	62.16 2.93 0.00	87.94 5.59 0.00	85.70 5.02 0.00	203.64 12.57 0.00	179.83 12.27 0.00	124.97 8.24 0.00	82.09 5.22 0.01	85.96 4.61 0.25	65.48 3.39 0.00	62.44 2.94 0.00
MONTAUK___DIESEL 23721	48.28 2.65 0.00	43.21 3.23 0.00	42.89 3.34 0.00	41.14 2.95 0.00	38.78 3.31 0.00	39.49 3.46 0.00	44.13 3.95 0.00	41.95 3.66 0.00	46.32 4.31 0.00	66.09 4.48 -23.30	58.59 5.08 -12.96	65.61 5.94 -15.59	57.17 7.43 -1.78	56.84 7.26 -0.06	67.33 8.10 0.00	93.27 10.92 -0.01	131.41 11.47 -39.25	269.42 26.87 -51.48	322.26 22.76 -131.94	133.25 13.79 -2.73	81.93 7.75 2.69	84.03 7.07 4.64	60.08 4.40 6.42	59.04 4.16 4.62
MOONROAD_115KV_HARTFLD_TB1-2 355988	45.70 0.07 0.00	39.74 -0.25 0.00	39.28 -0.28 0.00	37.58 -0.61 0.00	34.40 -1.07 0.00	35.14 -0.90 0.00	39.28 -0.90 0.00	38.02 -0.27 0.00	41.75 -0.25 0.00	37.84 -0.47 0.00	39.53 -1.02 0.00	42.80 -1.28 0.00	44.21 -1.85 1.89	47.42 -2.09 0.00	52.65 -1.88 4.70	75.95 -2.77 3.62	75.95 -2.64 2.09	183.85 -7.23 0.00	162.64 -4.92 0.00	112.77 -3.96 0.00	70.30 -3.24 3.34	69.87 -4.30 7.43	60.13 -1.97 0.00	58.20 -1.30 0.00

MORRIS_RIDGE___SOLAR 323848	45.47 -0.17 0.00	39.59 -0.40 0.00	38.98 -0.58 0.00	37.55 -0.64 0.00	34.71 -0.76 0.00	35.23 -0.80 0.00	39.21 -0.97 0.00	37.52 -0.77 0.00	41.10 -0.90 0.00	37.12 -1.18 0.00	38.91 -1.64 0.00	41.98 -2.11 0.00	32.76 -2.81 12.39	46.67 -2.85 0.00	25.22 -3.34 30.67	54.57 -4.70 23.07	63.61 -4.55 12.52	183.96 -8.67 -1.57	160.46 -7.30 -0.20	111.39 -5.44 -0.10	68.97 -3.58 4.33	72.23 -4.44 4.94	59.67 -2.58 -0.15	57.48 -2.21 -0.19
MORTIMER_115KV_TB3 55949	45.43 -0.21 0.00	39.61 -0.38 0.00	39.05 -0.51 0.00	37.60 -0.59 0.00	34.83 -0.63 0.00	35.35 -0.68 0.00	39.36 -0.82 0.00	37.69 -0.59 0.00	41.42 -0.58 0.00	37.50 -0.81 0.00	39.51 -1.04 0.00	42.92 -1.16 0.00	46.72 -1.24 0.00	48.19 -1.33 0.00	57.91 -1.32 0.00	80.03 -2.32 0.00	79.05 -1.63 0.00	187.03 -4.04 0.00	164.26 -3.30 0.00	114.12 -2.60 0.00	73.05 -2.31 1.51	79.11 -3.25 -0.76	60.45 -1.65 0.00	58.34 -1.15 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	47.83 2.20 0.00	42.12 2.13 0.00	41.70 2.14 0.00	40.15 1.96 0.00	37.42 1.95 0.00	37.99 1.96 0.00	42.20 2.03 0.00	40.57 2.29 0.00	44.48 2.48 0.00	64.10 2.43 -23.36	56.32 2.77 -13.00	62.68 3.23 -15.37	52.37 3.77 -0.65	53.39 3.87 0.00	63.88 4.66 0.00	88.84 6.50 0.00	87.38 6.70 0.00	206.57 15.50 0.00	180.76 13.20 0.00	125.39 8.66 0.00	82.23 5.36 0.01	86.06 4.69 0.24	65.62 3.52 0.00	62.62 3.12 0.00
MUNSVILLE_WIND_PWR 323609	48.36 2.72 0.00	42.38 2.39 0.00	41.85 2.28 -0.01	40.48 2.29 0.00	37.67 2.20 0.00	38.35 2.32 0.00	42.88 2.70 0.00	41.11 2.82 0.00	45.02 3.02 0.00	40.94 2.64 0.00	43.18 2.63 0.00	47.23 3.15 0.00	51.95 3.55 -0.45	52.70 3.18 0.00	63.58 2.91 -1.44	89.65 4.61 -2.70	88.45 4.14 -3.64	205.71 10.54 -4.10	178.00 9.92 -0.52	125.32 8.32 -0.27	86.55 5.40 -4.28	86.72 5.34 0.22	66.73 4.23 -0.40	63.87 3.88 -0.49
N SALMON___HYD 24042	46.62 0.99 0.00	40.79 0.80 0.00	40.34 0.78 0.00	38.97 0.78 0.00	36.17 0.70 0.00	36.71 0.68 0.00	41.02 0.84 0.00	38.82 0.53 0.00	42.76 0.75 0.00	39.01 0.71 0.00	41.29 0.73 0.00	44.81 0.73 0.00	48.36 0.41 0.00	49.85 0.34 0.00	59.04 -0.19 0.00	82.05 -0.29 0.00	80.83 0.15 0.00	190.48 -0.59 0.00	167.82 0.26 0.00	117.36 0.64 0.00	77.65 0.78 0.00	83.74 2.13 0.00	63.48 1.38 0.00	61.18 1.69 0.00
N.AKRON__115KV_KNAPP 355671	45.41 -0.23 0.00	39.58 -0.42 0.00	39.04 -0.52 0.00	37.52 -0.67 0.00	34.71 -0.76 0.00	35.21 -0.82 0.00	39.19 -0.99 0.00	37.57 -0.71 0.00	41.32 -0.69 0.00	36.95 -1.35 0.00	38.58 -1.98 0.00	41.74 -2.34 0.00	43.68 -2.60 1.68	46.58 -2.93 0.00	52.02 -3.03 4.18	74.00 -5.12 3.22	74.88 -3.94 1.86	180.52 -10.55 0.00	158.61 -8.95 0.00	110.23 -6.50 0.00	69.63 -4.83 2.42	69.83 -6.06 5.71	58.90 -3.20 0.00	57.57 -1.94 0.00
N.E_GEN_SANDY PD 24062	47.81 1.36 -0.82	41.40 1.41 0.00	41.07 1.51 0.00	39.56 1.37 0.00	36.85 1.37 0.00	37.49 1.46 0.00	43.72 1.54 -2.01	42.19 1.67 -2.23	43.66 1.65 0.00	45.29 1.52 -5.47	45.26 1.67 -3.04	49.70 1.72 -3.90	50.12 2.03 -0.14	51.72 2.21 0.00	62.00 2.77 0.00	82.34 3.82 3.82	84.45 3.74 -0.03	202.49 9.03 -2.39	172.06 8.01 3.51	121.02 5.23 0.93	79.11 3.14 0.91	83.90 2.49 0.20	61.97 1.88 2.00	61.07 1.66 0.09
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	47.44 1.81 0.00	41.72 1.73 0.00	41.33 1.77 0.00	39.81 1.62 0.00	37.10 1.64 0.00	37.66 1.63 0.00	41.83 1.66 0.00	40.18 1.90 0.00	44.03 2.03 0.00	6.91 2.00 33.39	24.26 2.27 18.57	24.81 2.69 21.96	50.27 3.23 0.92	52.93 3.42 0.00	63.40 4.17 0.00	88.25 5.90 0.00	86.79 6.11 0.00	205.17 14.10 0.00	179.40 11.84 0.00	124.50 7.77 0.00	81.60 4.73 0.01	85.38 4.02 0.24	65.11 3.01 0.00	62.13 2.63 0.00
N.QUEENS_27_KV_LOAD 356247	47.95 2.31 0.00	42.23 2.24 0.00	41.79 2.23 0.00	40.22 2.03 0.00	37.49 2.02 0.00	38.07 2.03 0.00	42.24 2.07 0.00	40.66 2.37 0.00	44.49 2.48 0.00	64.16 2.47 -23.39	56.40 2.84 -13.01	62.81 3.35 -15.38	52.43 3.83 -0.65	53.36 3.85 0.00	63.80 4.58 0.00	88.98 6.64 0.00	87.60 6.92 0.00	207.17 16.09 0.00	181.26 13.70 0.00	125.66 8.93 0.00	82.44 5.57 0.01	86.19 4.82 0.24	65.75 3.65 0.00	62.75 3.26 0.00
N.TROY___115KV_TB1 355778	47.20 1.57 0.00	41.51 1.52 0.00	41.16 1.60 0.00	39.67 1.48 0.00	36.92 1.45 0.00	37.57 1.54 0.00	41.82 1.65 0.00	39.99 1.70 0.00	43.69 1.69 0.00	39.80 1.50 0.00	42.13 1.58 0.00	45.64 1.56 0.00	49.75 1.79 0.00	51.50 1.99 0.00	61.81 2.59 0.00	86.04 3.70 0.00	83.91 3.22 0.00	199.16 8.08 0.00	175.01 7.45 0.00	121.76 5.03 0.00	79.95 3.07 0.00	84.15 2.54 0.00	64.02 1.92 0.00	61.24 1.74 0.00
NARROWS_GT1_1 24228	47.86 2.23 0.00	42.13 2.14 0.00	41.70 2.14 0.00	40.11 1.92 0.00	37.41 1.94 0.00	37.98 1.95 0.00	42.18 2.01 0.00	40.59 2.31 0.00	44.50 2.49 0.00	64.17 2.48 -23.39	56.46 2.90 -13.01	62.86 3.40 -15.38	52.48 3.88 -0.65	53.52 4.00 0.00	63.93 4.70 -0.01	88.90 6.56 0.00	87.53 6.85 0.00	206.91 15.83 0.00	180.93 13.37 0.00	125.43 8.71 0.00	82.28 5.41 0.01	86.02 4.65 0.24	65.57 3.47 0.00	62.61 3.12 0.00
NARROWS_GT1_2 24229	47.86 2.23 0.00	42.13 2.14 0.00	41.70 2.14 0.00	40.11 1.92 0.00	37.41 1.94 0.00	37.98 1.95 0.00	42.18 2.01 0.00	40.59 2.31 0.00	44.50 2.49 0.00	64.17 2.48 -23.39	56.46 2.90 -13.01	62.86 3.40 -15.38	52.48 3.88 -0.65	53.52 4.00 0.00	63.93 4.70 -0.01	88.90 6.56 0.00	87.53 6.85 0.00	206.91 15.83 0.00	180.93 13.37 0.00	125.43 8.71 0.00	82.28 5.41 0.01	86.02 4.65 0.24	65.57 3.47 0.00	62.61 3.12 0.00
NARROWS_GT1_3 24230	47.86 2.23 0.00	42.13 2.14 0.00	41.70 2.14 0.00	40.11 1.92 0.00	37.41 1.94 0.00	37.98 1.95 0.00	42.18 2.01 0.00	40.59 2.31 0.00	44.50 2.49 0.00	64.17 2.48 -23.39	56.46 2.90 -13.01	62.86 3.40 -15.38	52.48 3.88 -0.65	53.52 4.00 0.00	63.93 4.70 -0.01	88.90 6.56 0.00	87.53 6.85 0.00	206.91 15.83 0.00	180.93 13.37 0.00	125.43 8.71 0.00	82.28 5.41 0.01	86.02 4.65 0.24	65.57 3.47 0.00	62.61 3.12 0.00
NARROWS_GT1_4 24231	47.86 2.23 0.00	42.13 2.14 0.00	41.70 2.14 0.00	40.11 1.92 0.00	37.41 1.94 0.00	37.98 1.95 0.00	42.18 2.01 0.00	40.59 2.31 0.00	44.50 2.49 0.00	64.17 2.48 -23.39	56.46 2.90 -13.01	62.86 3.40 -15.38	52.48 3.88 -0.65	53.52 4.00 0.00	63.93 4.70 -0.01	88.90 6.56 0.00	87.53 6.85 0.00	206.91 15.83 0.00	180.93 13.37 0.00	125.43 8.71 0.00	82.28 5.41 0.01	86.02 4.65 0.24	65.57 3.47 0.00	62.61 3.12 0.00
NARROWS_GT1_5 24232	47.86 2.23 0.00	42.13 2.14 0.00	41.70 2.14 0.00	40.11 1.92 0.00	37.41 1.94 0.00	37.98 1.95 0.00	42.18 2.01 0.00	40.59 2.31 0.00	44.50 2.49 0.00	64.17 2.48 -23.39	56.46 2.90 -13.01	62.86 3.40 -15.38	52.48 3.88 -0.65	53.52 4.00 0.00	63.93 4.70 -0.01	88.90 6.56 0.00	87.53 6.85 0.00	206.91 15.83 0.00	180.93 13.37 0.00	125.43 8.71 0.00	82.28 5.41 0.01	86.02 4.65 0.24	65.57 3.47 0.00	62.61 3.12 0.00

NARROWS_GT1_6 24233	47.86 2.23 0.00	42.13 2.14 0.00	41.70 2.14 0.00	40.11 1.92 0.00	37.41 1.94 0.00	37.98 1.95 0.00	42.18 2.01 0.00	40.59 2.31 0.00	44.50 2.49 0.00	64.17 2.48 -23.39	56.46 2.90 -13.01	62.86 3.40 -15.38	52.48 3.88 -0.65	53.52 4.00 0.00	63.93 4.70 -0.01	88.90 6.56 0.00	87.53 6.85 0.00	206.91 15.83 0.00	180.93 13.37 0.00	125.43 8.71 0.00	82.28 5.41 0.01	86.02 4.65 0.24	65.57 3.47 0.00	62.61 3.12 0.00
NARROWS_GT1_7 24234	47.86 2.23 0.00	42.13 2.14 0.00	41.70 2.14 0.00	40.11 1.92 0.00	37.41 1.94 0.00	37.98 1.95 0.00	42.18 2.01 0.00	40.59 2.31 0.00	44.50 2.49 0.00	64.17 2.48 -23.39	56.46 2.90 -13.01	62.86 3.40 -15.38	52.48 3.88 -0.65	53.52 4.00 0.00	63.93 4.70 -0.01	88.90 6.56 0.00	87.53 6.85 0.00	206.91 15.83 0.00	180.93 13.37 0.00	125.43 8.71 0.00	82.28 5.41 0.01	86.02 4.65 0.24	65.57 3.47 0.00	62.61 3.12 0.00
NARROWS_GT1_8 24235	47.86 2.23 0.00	42.13 2.14 0.00	41.70 2.14 0.00	40.11 1.92 0.00	37.41 1.94 0.00	37.98 1.95 0.00	42.18 2.01 0.00	40.59 2.31 0.00	44.50 2.49 0.00	64.17 2.48 -23.39	56.46 2.90 -13.01	62.86 3.40 -15.38	52.48 3.88 -0.65	53.52 4.00 0.00	63.93 4.70 -0.01	88.90 6.56 0.00	87.53 6.85 0.00	206.91 15.83 0.00	180.93 13.37 0.00	125.43 8.71 0.00	82.28 5.41 0.01	86.02 4.65 0.24	65.57 3.47 0.00	62.61 3.12 0.00
NARROWS_GT2_1 24236	47.86 2.23 0.00	42.13 2.14 0.00	41.70 2.14 0.00	40.11 1.92 0.00	37.41 1.94 0.00	37.98 1.95 0.00	42.18 2.01 0.00	40.59 2.31 0.00	44.50 2.49 0.00	64.17 2.48 -23.39	56.46 2.90 -13.01	62.86 3.40 -15.38	52.48 3.88 -0.65	53.52 4.00 0.00	63.93 4.70 -0.01	88.90 6.56 0.00	87.53 6.85 0.00	206.91 15.83 0.00	180.93 13.37 0.00	125.43 8.71 0.00	82.28 5.41 0.01	86.02 4.65 0.24	65.57 3.47 0.00	62.61 3.12 0.00
NARROWS_GT2_2 24237	47.86 2.23 0.00	42.13 2.14 0.00	41.70 2.14 0.00	40.11 1.92 0.00	37.41 1.94 0.00	37.98 1.95 0.00	42.18 2.01 0.00	40.59 2.31 0.00	44.50 2.49 0.00	64.17 2.48 -23.39	56.46 2.90 -13.01	62.86 3.40 -15.38	52.48 3.88 -0.65	53.52 4.00 0.00	63.93 4.70 -0.01	88.90 6.56 0.00	87.53 6.85 0.00	206.91 15.83 0.00	180.93 13.37 0.00	125.43 8.71 0.00	82.28 5.41 0.01	86.02 4.65 0.24	65.57 3.47 0.00	62.61 3.12 0.00
NARROWS_GT2_3 24238	47.86 2.23 0.00	42.13 2.14 0.00	41.70 2.14 0.00	40.11 1.92 0.00	37.41 1.94 0.00	37.98 1.95 0.00	42.18 2.01 0.00	40.59 2.31 0.00	44.50 2.49 0.00	64.17 2.48 -23.39	56.46 2.90 -13.01	62.86 3.40 -15.38	52.48 3.88 -0.65	53.52 4.00 0.00	63.93 4.70 -0.01	88.90 6.56 0.00	87.53 6.85 0.00	206.91 15.83 0.00	180.93 13.37 0.00	125.43 8.71 0.00	82.28 5.41 0.01	86.02 4.65 0.24	65.57 3.47 0.00	62.61 3.12 0.00
NARROWS_GT2_4 24239	47.86 2.23 0.00	42.13 2.14 0.00	41.70 2.14 0.00	40.11 1.92 0.00	37.41 1.94 0.00	37.98 1.95 0.00	42.18 2.01 0.00	40.59 2.31 0.00	44.50 2.49 0.00	64.17 2.48 -23.39	56.46 2.90 -13.01	62.86 3.40 -15.38	52.48 3.88 -0.65	53.52 4.00 0.00	63.93 4.70 -0.01	88.90 6.56 0.00	87.53 6.85 0.00	206.91 15.83 0.00	180.93 13.37 0.00	125.43 8.71 0.00	82.28 5.41 0.01	86.02 4.65 0.24	65.57 3.47 0.00	62.61 3.12 0.00
NARROWS_GT2_5 24240	47.86 2.23 0.00	42.13 2.14 0.00	41.70 2.14 0.00	40.11 1.92 0.00	37.41 1.94 0.00	37.98 1.95 0.00	42.18 2.01 0.00	40.59 2.31 0.00	44.50 2.49 0.00	64.17 2.48 -23.39	56.46 2.90 -13.01	62.86 3.40 -15.38	52.48 3.88 -0.65	53.52 4.00 0.00	63.93 4.70 -0.01	88.90 6.56 0.00	87.53 6.85 0.00	206.91 15.83 0.00	180.93 13.37 0.00	125.43 8.71 0.00	82.28 5.41 0.01	86.02 4.65 0.24	65.57 3.47 0.00	62.61 3.12 0.00
NARROWS_GT2_6 24241	47.86 2.23 0.00	42.13 2.14 0.00	41.70 2.14 0.00	40.11 1.92 0.00	37.41 1.94 0.00	37.98 1.95 0.00	42.18 2.01 0.00	40.59 2.31 0.00	44.50 2.49 0.00	64.17 2.48 -23.39	56.46 2.90 -13.01	62.86 3.40 -15.38	52.48 3.88 -0.65	53.52 4.00 0.00	63.93 4.70 -0.01	88.90 6.56 0.00	87.53 6.85 0.00	206.91 15.83 0.00	180.93 13.37 0.00	125.43 8.71 0.00	82.28 5.41 0.01	86.02 4.65 0.24	65.57 3.47 0.00	62.61 3.12 0.00
NARROWS_GT2_7 24242	47.86 2.23 0.00	42.13 2.14 0.00	41.70 2.14 0.00	40.11 1.92 0.00	37.41 1.94 0.00	37.98 1.95 0.00	42.18 2.01 0.00	40.59 2.31 0.00	44.50 2.49 0.00	64.17 2.48 -23.39	56.46 2.90 -13.01	62.86 3.40 -15.38	52.48 3.88 -0.65	53.52 4.00 0.00	63.93 4.70 -0.01	88.90 6.56 0.00	87.53 6.85 0.00	206.91 15.83 0.00	180.93 13.37 0.00	125.43 8.71 0.00	82.28 5.41 0.01	86.02 4.65 0.24	65.57 3.47 0.00	62.61 3.12 0.00
NARROWS_GT2_8 24243	47.86 2.23 0.00	42.13 2.14 0.00	41.70 2.14 0.00	40.11 1.92 0.00	37.41 1.94 0.00	37.98 1.95 0.00	42.18 2.01 0.00	40.59 2.31 0.00	44.50 2.49 0.00	64.17 2.48 -23.39	56.46 2.90 -13.01	62.86 3.40 -15.38	52.48 3.88 -0.65	53.52 4.00 0.00	63.93 4.70 -0.01	88.90 6.56 0.00	87.53 6.85 0.00	206.91 15.83 0.00	180.93 13.37 0.00	125.43 8.71 0.00	82.28 5.41 0.01	86.02 4.65 0.24	65.57 3.47 0.00	62.61 3.12 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	47.50 1.86 0.00	41.71 1.72 0.00	41.31 1.76 0.00	39.84 1.66 0.00	37.06 1.59 0.00	37.65 1.62 0.00	41.88 1.71 0.00	40.08 1.79 0.00	43.68 1.68 0.00	39.70 1.40 0.00	42.04 1.49 0.00	45.52 1.45 0.00	49.70 1.75 0.00	51.63 2.12 0.00	61.90 2.67 0.00	86.21 3.87 0.00	84.55 3.87 0.00	200.33 9.25 0.00	176.79 9.23 0.00	123.02 6.30 0.00	80.83 3.96 0.01	84.83 3.42 0.19	64.57 2.48 0.00	61.57 2.07 0.00
NCHELSEA_115KV_TR2 355582	47.85 2.21 0.00	42.04 2.05 0.00	41.62 2.06 0.00	40.08 1.89 0.00	37.32 1.84 0.00	37.90 1.87 0.00	42.13 1.96 0.00	40.46 2.18 0.00	44.35 2.34 0.00	40.62 2.31 0.00	43.18 2.63 0.00	47.12 3.03 0.00	51.54 3.58 0.00	53.26 3.75 0.00	63.83 4.60 0.00	88.93 6.59 0.00	87.45 6.77 0.00	206.90 15.83 0.00	181.36 13.80 0.00	125.81 9.08 0.00	82.49 5.62 0.01	86.27 4.91 0.23	65.69 3.60 0.00	62.63 3.13 0.00
NEG CAPITAL___MECHNVIL 23645	48.06 2.43 0.00	42.23 2.24 0.00	41.78 2.23 0.00	40.25 2.06 0.00	37.43 1.96 0.00	38.07 2.03 0.00	42.42 2.24 0.00	40.56 2.27 0.00	44.37 2.36 0.00	40.41 2.11 0.00	42.79 2.24 0.00	46.35 2.27 0.00	50.51 2.55 0.00	52.36 2.84 0.00	62.92 3.69 0.00	87.74 5.41 0.00	85.25 4.56 0.00	202.78 11.71 0.00	178.57 11.01 0.00	124.20 7.47 0.00	81.55 4.68 0.00	85.75 4.14 0.00	65.13 3.03 0.00	62.24 2.75 0.00
NEG CENTRAL_HIGH_ACRES 23767	44.93 -0.70 0.00	39.18 -0.81 0.00	38.65 -0.92 -0.01	37.22 -0.97 0.00	34.49 -0.98 0.00	35.00 -1.03 0.00	38.98 -1.19 0.00	37.34 -0.94 0.00	41.00 -1.01 0.00	37.18 -1.12 0.00	39.27 -1.28 0.00	42.67 -1.42 0.00	46.46 -1.50 0.00	47.89 -1.63 0.00	57.75 -1.68 -0.21	80.75 -2.73 -1.14	80.43 -2.19 -1.94	188.49 -5.11 -2.53	163.72 -4.16 -0.32	113.93 -2.97 -0.17	73.92 -2.48 0.48	79.52 -3.46 -1.38	60.34 -2.00 -0.24	58.17 -1.63 -0.30

NEG CENTRAL___DRP 24199	46.08 0.44 0.00	40.18 0.20 0.00	39.66 0.08 -0.02	38.24 0.05 0.00	35.44 -0.03 0.00	35.99 -0.04 0.00	40.09 -0.08 0.00	38.40 0.11 0.00	42.03 0.02 0.00	38.16 -0.14 0.00	40.37 -0.19 0.00	43.96 -0.12 0.00	48.45 -0.33 -0.83	49.17 -0.34 0.00	61.38 -0.41 -2.57	86.07 -0.68 -4.42	85.89 -0.53 -5.75	196.45 -0.92 -6.30	167.88 -0.47 -0.80	117.31 0.16 -0.42	75.42 -0.15 1.31	82.35 -0.75 -1.49	62.42 -0.28 -0.61	59.90 -0.36 -0.76
NEG CENTRAL___INDECK 23768	47.26 1.62 0.00	41.14 1.15 0.00	40.46 0.91 0.00	38.94 0.75 0.00	36.04 0.57 0.00	36.57 0.53 0.00	40.74 0.57 0.00	38.95 0.66 0.00	42.61 0.61 0.00	38.58 0.28 0.00	40.70 0.15 0.00	43.52 -0.56 0.00	56.00 -0.85 -8.90	48.82 -0.69 0.00	80.47 -0.85 -22.09	98.00 -1.38 -17.03	89.54 -0.97 -9.83	190.84 -0.23 0.00	168.50 0.94 0.00	117.21 0.48 0.00	73.38 0.42 3.92	79.32 -0.14 2.15	62.68 0.58 0.00	60.16 0.67 0.00
NEG CENTRAL___SENECA 23627	46.27 0.64 0.00	40.34 0.35 0.00	39.78 0.21 -0.01	38.34 0.15 0.00	35.51 0.04 0.00	36.05 0.03 0.00	40.18 0.01 0.00	38.50 0.22 0.00	42.15 0.15 0.00	38.23 -0.07 0.00	40.37 -0.18 0.00	43.97 -0.11 0.00	48.86 -0.42 -1.32	49.20 -0.32 0.00	62.28 -0.47 -3.53	85.50 -0.85 -4.00	84.06 -0.62 -4.00	193.25 -1.15 -3.33	167.55 -0.43 -0.42	117.13 0.19 -0.22	73.66 -0.16 3.06	81.52 -0.87 -0.79	62.14 -0.28 -0.32	59.54 -0.36 -0.40
NEG CENTRAL___STATE_STREET 24147	46.26 0.62 0.00	40.27 0.28 0.00	39.78 0.19 -0.03	38.48 0.29 0.00	35.69 0.22 0.00	36.27 0.24 0.00	40.36 0.18 0.00	38.68 0.39 0.00	42.20 0.19 0.00	38.35 0.04 0.00	40.71 0.16 0.00	44.38 0.30 0.00	48.55 0.24 -0.35	49.54 0.03 0.00	61.03 0.20 -1.59	87.44 0.43 -4.67	88.29 0.41 -7.20	201.29 1.33 -8.88	169.42 0.74 -1.12	118.48 1.16 -0.59	79.05 0.49 -1.68	83.89 0.18 -2.11	63.29 0.33 -0.86	60.80 0.23 -1.07
NEG MILLWOOD___DRP 24198	47.94 2.30 0.00	42.14 2.15 0.00	41.71 2.16 0.00	40.15 1.96 0.00	37.39 1.92 0.00	37.97 1.94 0.00	42.21 2.04 0.00	40.55 2.27 0.00	44.47 2.47 0.00	46.74 2.44 -6.00	46.66 2.78 -3.34	51.26 3.24 -3.94	51.96 3.84 -0.17	53.60 4.09 0.00	64.18 4.95 0.00	89.36 7.01 0.00	87.89 7.21 0.00	207.96 16.89 0.00	182.21 14.65 0.00	126.33 9.60 0.00	82.80 5.94 0.01	86.59 5.21 0.23	65.90 3.80 0.00	62.79 3.29 0.00
NEG NORTH_FLCN_SEA 23793	46.27 0.63 0.00	40.51 0.52 0.00	40.08 0.53 0.00	38.71 0.52 0.00	35.97 0.49 0.00	36.51 0.48 0.00	40.77 0.59 0.00	38.61 0.32 0.00	42.38 0.37 0.00	38.56 0.26 0.00	40.91 0.36 0.00	44.34 0.26 0.00	47.73 -0.23 0.00	49.34 -0.18 0.00	58.46 -0.76 0.00	81.24 -1.10 0.00	79.94 -0.74 0.00	188.44 -2.64 0.00	165.72 -1.84 0.00	115.71 -1.01 0.00	76.33 -0.54 0.00	82.27 0.67 0.00	62.33 0.23 0.00	60.48 0.98 0.00
NEG NORTH_KES_CHATEGAY 23792	46.04 0.40 0.00	40.29 0.30 0.00	39.87 0.32 0.00	38.53 0.34 0.00	35.77 0.30 0.00	36.32 0.28 0.00	40.57 0.40 0.00	38.39 0.10 0.00	42.21 0.20 0.00	38.46 0.16 0.00	40.74 0.19 0.00	44.17 0.09 0.00	47.70 -0.26 0.00	49.19 -0.32 0.00	58.38 -0.85 0.00	81.21 -1.13 0.00	79.94 -0.74 0.00	188.67 -2.41 0.00	165.57 -1.99 0.00	115.59 -1.13 0.00	76.52 -0.36 0.00	82.44 0.83 0.00	62.50 0.40 0.00	60.35 0.85 0.00
NEG NORTH___ALICE_FALLS 23915	46.51 0.88 0.00	40.73 0.74 0.00	40.30 0.74 0.00	38.90 0.71 0.00	36.14 0.66 0.00	36.68 0.65 0.00	40.96 0.78 0.00	38.78 0.49 0.00	42.61 0.61 0.00	38.78 0.47 0.00	41.14 0.58 0.00	44.59 0.50 0.00	48.08 0.12 0.00	49.70 0.19 0.00	58.82 -0.41 0.00	81.72 -0.63 0.00	80.42 -0.26 0.00	189.37 -1.70 0.00	166.70 -0.86 0.00	116.62 -0.11 0.00	77.04 0.17 0.00	83.05 1.44 0.00	62.91 0.81 0.00	60.87 1.37 0.00
NEG NORTH___LWR_SARANAC 23913	46.51 0.88 0.00	40.73 0.74 0.00	40.30 0.74 0.00	38.90 0.71 0.00	36.14 0.66 0.00	36.68 0.65 0.00	40.96 0.78 0.00	38.78 0.49 0.00	42.61 0.61 0.00	38.78 0.47 0.00	41.14 0.58 0.00	44.59 0.50 0.00	48.08 0.12 0.00	49.70 0.19 0.00	58.82 -0.41 0.00	81.72 -0.63 0.00	80.42 -0.26 0.00	189.37 -1.70 0.00	166.70 -0.86 0.00	116.62 -0.11 0.00	77.04 0.17 0.00	83.05 1.44 0.00	62.91 0.81 0.00	60.87 1.37 0.00
NEG NORTH___PLATTSBURG 23628	46.51 0.88 0.00	40.73 0.74 0.00	40.30 0.74 0.00	38.90 0.71 0.00	36.14 0.66 0.00	36.68 0.64 0.00	40.96 0.78 0.00	38.78 0.49 0.00	42.61 0.61 0.00	38.78 0.47 0.00	41.14 0.58 0.00	44.59 0.51 0.00	48.08 0.12 0.00	49.70 0.19 0.00	58.82 -0.41 0.00	81.72 -0.63 0.00	80.42 -0.26 0.00	189.38 -1.69 0.00	166.71 -0.85 0.00	116.62 -0.11 0.00	77.04 0.17 0.00	83.04 1.44 0.00	62.91 0.81 0.00	60.87 1.37 0.00
NEG WEST_LEA_LOCKPORT 23791	44.68 -0.95 0.00	38.97 -1.02 0.00	38.45 -1.11 0.00	36.96 -1.23 0.00	34.18 -1.29 0.00	34.68 -1.35 0.00	38.57 -1.60 0.00	36.98 -1.30 0.00	40.66 -1.35 0.00	36.33 -1.97 0.00	37.90 -2.65 0.00	40.93 -3.15 0.00	42.43 -3.51 2.02	45.62 -3.89 0.00	50.05 -4.16 5.02	71.64 -6.83 3.87	72.78 -5.67 2.24	176.33 -14.74 0.00	154.67 -12.89 0.00	107.22 -9.51 0.00	67.38 -6.91 2.59	66.48 -8.22 6.90	57.43 -4.67 0.00	56.31 -3.18 0.00
NEG WEST___LANCASTR 23811	44.76 -0.87 0.00	38.96 -1.04 0.00	38.41 -1.14 0.00	36.97 -1.22 0.00	34.17 -1.31 0.00	34.67 -1.36 0.00	38.61 -1.56 0.00	37.04 -1.24 0.00	40.66 -1.35 0.00	36.71 -1.60 0.00	38.50 -2.06 0.00	41.87 -2.21 0.00	43.46 -2.44 2.06	46.74 -2.78 0.00	51.43 -2.69 5.11	73.93 -4.47 3.94	74.72 -3.69 2.28	181.07 -10.00 0.00	159.00 -8.56 0.00	110.14 -6.58 0.00	68.65 -5.01 3.22	68.05 -6.12 7.43	58.70 -3.40 0.00	56.94 -2.56 0.00
NEG_PENN_ALLEGHNY 23528	46.01 0.38 0.00	40.23 0.24 0.00	39.74 0.17 -0.01	38.33 0.14 0.00	35.55 0.07 0.00	36.10 0.07 0.00	40.24 0.07 0.00	38.53 0.24 0.00	42.18 0.17 0.00	38.43 0.13 0.00	40.56 0.01 0.00	44.29 0.21 0.00	48.30 0.35 0.00	49.82 0.31 0.00	60.03 0.49 -0.32	84.65 0.57 -1.74	84.31 0.66 -2.97	196.17 1.23 -3.86	169.13 1.08 -0.49	117.59 0.61 -0.26	75.85 0.08 1.11	80.31 -0.50 0.80	62.42 -0.05 -0.37	59.85 -0.12 -0.46
NEG___GEN_MONROE 24207	45.76 0.13 0.00	39.88 -0.11 0.00	39.32 -0.24 0.00	37.83 -0.35 0.00	35.04 -0.43 0.00	35.55 -0.48 0.00	39.59 -0.58 0.00	37.93 -0.36 0.00	41.70 -0.30 0.00	37.65 -0.66 0.00	39.64 -0.91 0.00	42.96 -1.13 0.00	46.74 -1.22 0.00	48.18 -1.33 0.00	58.00 -1.23 0.00	80.08 -2.26 0.00	79.17 -1.51 0.00	187.18 -3.90 0.00	164.72 -2.84 0.00	114.54 -2.19 0.00	73.33 -1.99 1.56	79.10 -2.95 -0.44	60.73 -1.36 0.00	58.68 -0.82 0.00
NEPA___ENERGY 23901	45.14 -0.49 0.00	39.20 -0.79 0.00	38.70 -0.85 0.00	37.27 -0.92 0.00	34.35 -1.12 0.00	34.91 -1.12 0.00	38.98 -1.19 0.00	37.49 -0.80 0.00	40.97 -1.03 0.00	37.11 -1.20 0.00	38.80 -1.75 0.00	42.34 -1.75 0.00	43.66 -2.02 2.28	47.28 -2.23 0.00	51.58 -1.99 5.65	74.69 -3.29 4.36	75.26 -2.91 2.52	182.84 -8.23 0.00	160.43 -7.13 0.00	111.18 -5.55 0.00	69.20 -4.45 3.23	68.70 -5.38 7.52	59.24 -2.86 0.00	57.19 -2.31 0.00

NEVERSINK___HYD 23608	46.71 1.08 0.00	40.98 0.99 0.00	40.52 0.97 0.00	38.99 0.80 0.00	36.29 0.82 0.00	36.84 0.81 0.00	40.95 0.77 0.00	39.29 1.00 0.00	43.10 1.10 0.00	33.39 1.23 6.14	38.57 1.44 3.42	41.78 1.74 4.04	49.85 2.06 0.17	51.75 2.24 0.00	62.00 2.77 0.00	86.51 4.17 0.00	85.24 4.56 0.00	201.79 10.72 0.00	176.88 9.32 0.00	122.83 6.10 0.00	80.56 3.69 0.01	84.28 2.93 0.26	64.14 2.04 0.00	61.10 1.60 0.00
NEWKRMKL_115KV_TB1 55635	46.36 0.72 0.00	40.76 0.77 0.00	40.43 0.87 0.00	39.02 0.83 0.00	36.31 0.84 0.00	36.93 0.89 0.00	41.04 0.86 0.00	39.30 1.01 0.00	42.93 0.93 0.00	39.15 0.85 0.00	41.47 0.92 0.00	44.99 0.90 0.00	49.12 1.17 0.00	50.85 1.34 0.00	60.93 1.70 0.00	84.77 2.43 0.00	82.76 2.07 0.00	196.25 5.18 0.00	172.26 4.70 0.00	119.81 3.08 0.00	78.71 1.84 0.00	82.84 1.23 0.00	62.98 0.89 0.00	60.21 0.71 0.00
NEWTON___FALLS_HYD 23847	47.20 1.56 0.00	41.26 1.28 0.00	40.76 1.19 -0.01	39.32 1.13 0.00	36.46 0.99 0.00	37.01 0.98 0.00	41.32 1.15 0.00	39.20 0.92 0.00	43.09 1.09 0.00	39.22 0.92 0.00	41.47 0.91 0.00	45.06 0.97 0.00	48.78 0.83 0.00	49.89 0.37 0.00	59.84 0.37 -0.25	84.00 0.29 -1.37	83.47 0.46 -2.33	195.72 1.61 -3.04	170.44 2.50 -0.38	119.79 2.86 -0.20	79.14 2.07 -0.19	85.22 2.90 -0.72	64.46 2.07 -0.29	61.98 2.12 -0.37
NGRID_A1_DSASP 323792	43.89 -1.74 0.00	38.24 -1.76 0.00	37.70 -1.86 0.00	36.23 -1.96 0.00	33.54 -1.93 0.00	34.03 -2.00 0.00	37.85 -2.32 0.00	36.27 -2.01 0.00	39.87 -2.13 0.00	35.76 -2.55 0.00	37.49 -3.06 0.00	40.58 -3.51 0.00	42.04 -3.90 2.02	45.30 -4.21 0.00	49.53 -4.67 5.02	70.54 -7.93 3.88	71.68 -6.76 2.24	173.69 -17.38 0.00	151.99 -15.57 0.00	105.25 -11.47 0.00	65.88 -8.28 2.72	62.95 -9.76 8.90	56.43 -5.66 0.00	55.28 -4.21 0.00
NGRID_A2_DSASP 323793	43.89 -1.74 0.00	38.24 -1.76 0.00	37.70 -1.86 0.00	36.23 -1.96 0.00	33.54 -1.93 0.00	34.03 -2.00 0.00	37.85 -2.32 0.00	36.27 -2.01 0.00	39.87 -2.13 0.00	35.76 -2.55 0.00	37.49 -3.06 0.00	40.58 -3.51 0.00	42.04 -3.90 2.02	45.30 -4.21 0.00	49.53 -4.67 5.02	70.54 -7.93 3.88	71.68 -6.76 2.24	173.69 -17.38 0.00	151.99 -15.57 0.00	105.25 -11.47 0.00	65.88 -8.28 2.72	62.95 -9.76 8.90	56.43 -5.66 0.00	55.28 -4.21 0.00
NGRID_A4_DSASP 323807	43.89 -1.74 0.00	38.24 -1.76 0.00	37.70 -1.86 0.00	36.23 -1.96 0.00	33.54 -1.93 0.00	34.03 -2.00 0.00	37.85 -2.32 0.00	36.27 -2.01 0.00	39.87 -2.13 0.00	35.76 -2.55 0.00	37.49 -3.06 0.00	40.58 -3.51 0.00	42.04 -3.90 2.02	45.30 -4.21 0.00	49.53 -4.67 5.02	70.54 -7.93 3.88	71.68 -6.76 2.24	173.69 -17.38 0.00	151.99 -15.57 0.00	105.25 -11.47 0.00	65.88 -8.28 2.72	62.95 -9.76 8.90	56.43 -5.66 0.00	55.28 -4.21 0.00
NIAGARA_115E_LBMP 323715	44.09 -1.55 0.00	38.53 -1.46 0.00	38.07 -1.49 0.00	36.60 -1.58 0.00	33.85 -1.62 0.00	34.33 -1.70 0.00	38.19 -1.98 0.00	36.61 -1.68 0.00	40.24 -1.76 0.00	35.91 -2.39 0.00	37.41 -3.14 0.00	40.42 -3.67 0.00	42.10 -3.85 2.01	45.10 -4.41 0.00	49.51 -4.72 5.01	70.77 -7.71 3.86	72.00 -6.45 2.23	174.15 -16.92 0.00	152.60 -14.96 0.00	105.72 -11.01 0.00	66.34 -7.86 2.68	64.39 -9.39 7.83	56.72 -5.38 0.00	55.94 -3.56 0.00
NIAGARA_115W_LBMP 323714	43.81 -1.83 0.00	38.16 -1.83 0.00	37.62 -1.93 0.00	36.16 -2.03 0.00	33.47 -2.00 0.00	33.97 -2.06 0.00	37.78 -2.39 0.00	36.21 -2.08 0.00	39.80 -2.21 0.00	35.68 -2.62 0.00	37.41 -3.14 0.00	40.49 -3.59 0.00	41.96 -3.99 2.01	45.21 -4.30 0.00	49.44 -4.79 4.99	70.36 -8.13 3.85	71.53 -6.93 2.23	173.19 -17.88 0.00	151.57 -15.99 0.00	104.99 -11.73 0.00	65.70 -8.46 2.71	62.68 -9.96 8.97	56.29 -5.80 0.00	55.15 -4.35 0.00
NIAGARA_230_LBMP 323716	44.15 -1.49 0.00	38.48 -1.51 0.00	37.96 -1.60 0.00	36.50 -1.69 0.00	33.78 -1.69 0.00	34.25 -1.78 0.00	38.10 -2.07 0.00	36.52 -1.77 0.00	40.13 -1.88 0.00	36.03 -2.27 0.00	37.77 -2.78 0.00	40.89 -3.19 0.00	42.47 -3.58 1.91	45.63 -3.88 0.00	50.21 -4.27 4.75	71.71 -6.97 3.66	72.70 -5.87 2.11	176.04 -15.03 0.00	154.32 -13.25 0.00	106.81 -9.92 0.00	66.92 -7.29 2.67	63.29 -8.72 9.60	57.16 -4.94 0.00	55.93 -3.57 0.00
NIAGARA___115KV_198_GIBSON 55903	43.81 -1.83 0.00	38.16 -1.83 0.00	37.62 -1.93 0.00	36.16 -2.03 0.00	33.47 -2.00 0.00	33.97 -2.06 0.00	37.77 -2.40 0.00	36.21 -2.08 0.00	39.80 -2.21 0.00	35.67 -2.63 0.00	37.41 -3.14 0.00	40.47 -3.61 0.00	41.92 -4.03 2.01	45.20 -4.31 0.00	49.42 -4.81 4.99	70.33 -8.15 3.85	71.51 -6.95 2.23	173.21 -17.86 0.00	151.55 -16.01 0.00	104.95 -11.77 0.00	65.71 -8.46 2.71	62.77 -9.87 8.97	56.29 -5.81 0.00	55.14 -4.36 0.00
NIAGARA____ 23760	44.15 -1.49 0.00	38.48 -1.51 0.00	37.96 -1.60 0.00	36.50 -1.69 0.00	33.78 -1.69 0.00	34.25 -1.78 0.00	38.10 -2.07 0.00	36.52 -1.77 0.00	40.13 -1.88 0.00	36.03 -2.27 0.00	37.77 -2.78 0.00	40.89 -3.19 0.00	42.44 -3.58 1.94	45.63 -3.88 0.00	50.12 -4.27 4.84	71.63 -6.97 3.75	72.66 -5.87 2.16	176.04 -15.03 0.00	154.32 -13.25 0.00	106.81 -9.92 0.00	66.91 -7.29 2.68	64.04 -8.72 8.85	57.16 -4.94 0.00	55.93 -3.57 0.00
NINE_MILE_1 23575	44.32 -1.32 0.00	38.78 -1.21 0.00	38.14 -1.24 0.18	36.99 -1.20 0.00	34.34 -1.14 0.00	34.88 -1.15 0.00	38.85 -1.32 0.00	37.12 -1.17 0.00	40.69 -1.32 0.00	37.07 -1.23 0.00	39.22 -1.33 0.00	42.67 -1.41 0.00	46.44 -1.52 0.00	47.92 -1.59 0.00	52.87 -1.85 4.51	54.81 -2.68 24.86	35.69 -2.60 42.39	129.72 -6.11 55.24	155.40 -5.19 6.98	109.52 -3.52 3.69	71.03 -2.45 3.40	65.75 -2.97 12.88	54.64 -2.11 5.35	50.79 -2.04 6.67
NINE_MILE_2 23744	44.32 -1.32 0.00	38.78 -1.21 0.00	38.14 -1.24 0.18	36.99 -1.20 0.00	34.34 -1.13 0.00	34.88 -1.15 0.00	38.85 -1.32 0.00	37.12 -1.17 0.00	40.69 -1.32 0.00	37.08 -1.23 0.00	39.23 -1.32 0.00	42.67 -1.41 0.00	46.44 -1.52 0.00	47.92 -1.59 0.00	52.80 -1.85 4.57	54.45 -2.66 25.23	35.05 -2.60 43.03	128.91 -6.09 56.07	155.31 -5.17 7.08	109.47 -3.51 3.75	70.98 -2.45 3.45	65.55 -2.97 13.08	54.56 -2.11 5.43	50.69 -2.04 6.77
NM_CAPITAL___DRP 24208	46.45 0.82 0.00	40.86 0.86 0.00	40.53 0.98 0.00	39.10 0.91 0.00	36.40 0.93 0.00	37.01 0.98 0.00	41.15 0.98 0.00	39.39 1.10 0.00	43.03 1.03 0.00	39.23 0.93 0.00	41.57 1.02 0.00	45.07 0.99 0.00	49.20 1.24 0.00	50.93 1.42 0.00	61.04 1.82 0.00	84.89 2.55 0.00	82.88 2.20 0.00	196.55 5.48 0.00	172.49 4.93 0.00	119.94 3.21 0.00	78.80 1.93 0.00	82.94 1.33 0.00	63.10 1.00 0.00	60.31 0.81 0.00
NM_CENTRAL___DRP 24181	45.19 -0.45 0.00	39.53 -0.46 0.00	39.06 -0.52 -0.02	37.66 -0.53 0.00	34.95 -0.52 0.00	35.49 -0.54 0.00	39.53 -0.64 0.00	37.81 -0.48 0.00	41.46 -0.55 0.00	37.77 -0.54 0.00	39.97 -0.58 0.00	43.52 -0.56 0.00	47.41 -0.54 0.00	48.92 -0.59 0.00	59.06 -0.61 -0.45	83.85 -0.95 -2.45	83.96 -0.91 -4.19	194.48 -2.05 -5.46	166.66 -1.60 -0.69	116.08 -1.01 -0.36	76.34 -0.87 -0.34	81.47 -1.43 -1.29	61.67 -0.95 -0.53	59.18 -0.98 -0.66

NM_FRONTIER___DRP 24179	43.81 -1.83 0.00	38.16 -1.83 0.00	37.62 -1.93 0.00	36.16 -2.03 0.00	33.47 -2.00 0.00	33.97 -2.06 0.00	37.77 -2.40 0.00	36.21 -2.08 0.00	39.80 -2.21 0.00	35.67 -2.63 0.00	37.41 -3.14 0.00	40.47 -3.61 0.00	41.92 -4.03 2.01	45.20 -4.31 0.00	49.42 -4.81 4.99	70.33 -8.15 3.85	71.51 -6.95 2.23	173.21 -17.86 0.00	151.55 -16.01 0.00	104.95 -11.77 0.00	65.71 -8.46 2.71	62.77 -9.87 8.97	56.29 -5.81 0.00	55.14 -4.36 0.00
NM_ST_REGIS___HYD 24053	46.72 1.09 0.00	40.87 0.88 0.00	40.39 0.83 0.00	39.02 0.83 0.00	36.18 0.71 0.00	36.72 0.69 0.00	41.02 0.85 0.00	38.79 0.50 0.00	42.72 0.72 0.00	38.94 0.63 0.00	41.15 0.60 0.00	44.73 0.65 0.00	48.27 0.32 0.00	49.57 0.06 0.00	58.85 -0.38 0.00	81.80 -0.54 0.00	80.63 -0.05 0.00	190.41 -0.66 0.00	167.65 0.09 0.00	117.42 0.69 0.00	77.70 0.82 0.00	83.86 2.26 0.00	63.65 1.56 0.00	61.27 1.77 0.00
NORTHPORT___1 23551	46.78 1.14 0.00	42.05 2.06 0.00	41.77 2.22 0.00	40.20 2.01 0.00	37.40 1.92 0.00	38.00 1.97 0.00	42.21 2.04 0.00	40.39 2.10 0.00	44.29 2.29 0.00	63.77 2.17 -23.30	56.49 2.98 -12.96	63.09 3.42 -15.59	53.78 4.05 -1.78	53.13 3.57 -0.05	62.71 3.48 0.00	87.43 5.09 0.00	78.33 5.23 7.58	189.30 12.02 13.79	156.08 10.22 21.70	121.77 6.23 1.19	74.08 3.90 6.69	77.67 3.24 7.17	57.32 2.07 6.84	56.10 1.93 5.32
NORTHPORT___2 23552	46.78 1.14 0.00	42.05 2.06 0.00	41.77 2.22 0.00	40.20 2.01 0.00	37.40 1.92 0.00	38.00 1.97 0.00	42.21 2.04 0.00	40.39 2.10 0.00	44.29 2.29 0.00	63.77 2.17 -23.30	56.49 2.98 -12.96	63.09 3.42 -15.59	53.78 4.05 -1.78	53.13 3.57 -0.05	62.71 3.48 0.00	87.43 5.09 0.00	78.33 5.23 7.58	189.30 12.02 13.79	156.08 10.22 21.70	121.77 6.23 1.19	74.08 3.90 6.69	77.67 3.24 7.17	57.32 2.07 6.84	56.10 1.93 5.32
NORTHPORT___3 23553	46.72 1.09 0.00	41.92 1.93 0.00	41.66 2.10 0.00	40.07 1.88 0.00	37.31 1.84 0.00	37.90 1.86 0.00	42.07 1.90 0.00	40.26 1.98 0.00	44.14 2.14 0.00	63.66 2.06 -23.30	56.42 2.90 -12.96	62.97 3.30 -15.59	53.66 3.92 -1.78	52.98 3.42 -0.05	62.52 3.30 0.00	87.18 4.84 0.01	78.37 5.28 7.59	189.32 12.05 13.80	155.85 10.00 21.71	121.50 5.96 1.19	73.81 3.65 6.71	77.37 2.95 7.19	57.08 1.87 6.89	55.79 1.74 5.45
NORTHPORT___4 23650	46.72 1.09 0.00	41.92 1.93 0.00	41.66 2.10 0.00	40.07 1.88 0.00	37.31 1.84 0.00	37.90 1.86 0.00	42.07 1.90 0.00	40.26 1.98 0.00	44.14 2.14 0.00	63.66 2.06 -23.30	56.42 2.90 -12.96	62.97 3.30 -15.59	53.66 3.92 -1.78	52.98 3.42 -0.05	62.52 3.30 0.00	87.18 4.84 0.01	78.37 5.28 7.59	189.32 12.05 13.80	155.85 10.00 21.71	121.50 5.96 1.19	73.81 3.65 6.71	77.37 2.95 7.19	57.08 1.87 6.89	55.79 1.74 5.45
NORTHPORT___IC 23718	46.77 1.14 0.00	42.05 2.07 0.00	41.78 2.22 0.00	40.21 2.01 0.00	37.40 1.93 0.00	38.00 1.97 0.00	42.21 2.04 0.00	40.39 2.11 0.00	44.29 2.29 0.00	63.77 2.17 -23.30	56.50 2.98 -12.96	63.09 3.42 -15.59	53.79 4.06 -1.78	53.20 3.64 -0.05	62.71 3.48 0.00	87.37 5.03 0.00	78.29 5.19 7.58	189.29 12.01 13.79	155.99 10.13 21.70	121.78 6.24 1.19	74.08 3.90 6.69	77.62 3.19 7.17	57.42 2.17 6.84	56.43 2.25 5.32
NORTH___COUNTRY_ESR 323785	45.89 0.26 0.00	40.20 0.21 0.00	39.78 0.22 0.00	38.45 0.26 0.00	35.70 0.23 0.00	36.24 0.21 0.00	40.49 0.31 0.00	38.31 0.03 0.00	42.16 0.15 0.00	38.40 0.10 0.00	40.68 0.13 0.00	44.14 0.06 0.00	47.65 -0.30 0.00	49.18 -0.33 0.00	58.37 -0.86 0.00	81.18 -1.16 0.00	79.92 -0.76 0.00	188.61 -2.46 0.00	165.58 -1.98 0.00	115.46 -1.26 0.00	76.36 -0.51 0.00	82.24 0.64 0.00	62.37 0.28 0.00	60.22 0.72 0.00
NPX_GEN_1385_PROXY 323591	47.07 1.44 0.00	42.75 2.76 0.00	42.32 2.77 0.00	40.86 2.67 0.00	37.89 2.42 0.00	38.62 2.59 0.00	42.90 2.73 0.00	41.08 2.79 0.00	44.71 2.70 0.00	63.99 2.38 -23.30	56.46 2.95 -12.96	63.04 3.37 -15.59	53.46 3.72 -1.78	53.09 3.52 -0.05	63.43 4.20 0.00	88.56 6.22 0.00	79.77 6.67 7.58	191.59 14.31 13.79	158.41 12.55 21.70	122.76 7.21 1.19	74.58 4.40 6.69	78.18 3.74 7.17	57.54 2.28 6.84	56.12 1.95 5.32
NPX_GEN_CSC 323557	46.81 1.17 0.00	42.02 2.03 0.00	41.68 2.13 0.00	40.05 1.87 0.00	37.32 1.84 0.00	37.94 1.91 0.00	42.39 2.22 0.00	40.39 2.10 0.00	44.41 2.41 0.00	63.94 2.33 -23.30	56.61 3.10 -12.96	63.31 3.64 -15.59	54.56 4.82 -1.78	53.91 4.34 -0.06	63.80 4.57 0.00	88.96 6.62 0.00	125.31 6.93 -37.70	244.91 15.95 -37.89	303.75 13.65 -122.53	125.79 8.40 -0.67	79.31 5.16 2.73	80.37 4.59 5.83	58.62 2.95 6.43	57.40 2.53 4.64
NSINS_S_GLNS_FALLS 23858	48.50 2.87 0.00	42.60 2.61 0.00	42.14 2.58 0.00	40.55 2.36 0.00	37.71 2.24 0.00	38.37 2.34 0.00	42.80 2.62 0.00	40.93 2.65 0.00	44.76 2.75 0.00	40.61 2.31 0.00	42.91 2.36 0.00	46.42 2.33 0.00	50.44 2.48 0.00	52.20 2.69 0.00	62.88 3.65 0.00	87.94 5.60 0.00	85.49 4.81 0.00	203.53 12.46 0.00	179.95 12.38 0.00	124.95 8.23 0.00	82.12 5.24 0.00	86.42 4.82 0.00	65.39 3.29 0.00	62.48 2.98 0.00
NUCOR_STEEL___DRP 24197	46.21 0.57 0.00	40.20 0.21 0.00	39.73 0.14 -0.03	38.44 0.26 0.00	35.66 0.19 0.00	36.24 0.21 0.00	40.32 0.15 0.00	38.64 0.35 0.00	42.16 0.15 0.00	38.31 0.01 0.00	40.69 0.14 0.00	44.36 0.28 0.00	48.20 0.25 0.00	49.51 -0.01 0.00	60.21 0.20 -0.78	87.09 0.42 -4.32	88.46 0.42 -7.36	201.99 1.32 -9.60	169.42 0.65 -1.21	118.45 1.08 -0.64	79.17 0.39 -1.90	84.00 0.12 -2.27	63.32 0.30 -0.93	60.88 0.22 -1.16
NUMBER_THREE_WT_PWR 323818	47.78 2.15 0.00	41.76 1.77 0.00	41.24 1.67 -0.01	39.75 1.56 0.00	36.88 1.40 0.00	37.45 1.42 0.00	41.77 1.59 0.00	39.78 1.50 0.00	43.61 1.60 0.00	39.72 1.42 0.00	41.95 1.40 0.00	45.49 1.41 0.00	49.40 1.44 0.00	50.40 0.88 0.00	60.79 1.26 -0.30	85.50 1.51 -1.65	84.98 1.48 -2.81	199.40 4.66 -3.66	173.44 5.42 -0.46	122.20 5.23 -0.24	80.56 3.46 -0.23	86.17 3.70 -0.87	65.12 2.67 -0.35	62.57 2.63 -0.44
NYISO_LBMP_REFERENCE 24008	45.63 0.00 0.00	39.99 0.00 0.00	39.56 0.00 0.00	38.19 0.00 0.00	35.47 0.00 0.00	36.03 0.00 0.00	40.17 0.00 0.00	38.29 0.00 0.00	42.00 0.00 0.00	38.30 0.00 0.00	40.55 0.00 0.00	44.08 0.00 0.00	47.95 0.00 0.00	49.51 0.00 0.00	59.23 0.00 0.00	82.34 0.00 0.00	80.68 0.00 0.00	191.07 0.00 0.00	167.56 0.00 0.00	116.73 0.00 0.00	76.88 0.00 0.00	81.61 0.00 0.00	62.10 0.00 0.00	59.50 0.00 0.00
NYPA_BRENTWD____GT 24164	47.59 1.96 0.00	42.65 2.67 0.00	42.32 2.77 0.00	40.69 2.51 0.00	37.87 2.39 0.00	38.47 2.44 0.00	42.77 2.59 0.00	40.94 2.65 0.00	44.95 2.95 0.00	64.40 2.80 -23.30	57.12 3.60 -12.96	63.79 4.12 -15.59	54.71 4.97 -1.78	54.18 4.60 -0.06	64.14 4.91 0.00	89.28 6.94 0.00	93.93 6.58 -6.66	212.36 15.30 -5.99	203.78 13.14 -23.08	125.22 8.50 0.01	77.60 5.66 4.94	80.78 5.03 5.85	59.67 3.49 5.91	59.04 3.32 3.78

NYPA_GOWANUS____GT5 24156	47.86 2.23 0.00	42.13 2.14 0.00	41.70 2.14 0.00	40.11 1.92 0.00	37.41 1.94 0.00	37.98 1.95 0.00	42.18 2.01 0.00	40.59 2.31 0.00	44.50 2.49 0.00	64.17 2.48 -23.39	56.46 2.90 -13.01	62.86 3.40 -15.38	52.48 3.88 -0.65	53.52 4.00 0.00	63.93 4.70 -0.01	88.90 6.56 0.00	87.52 6.84 0.00	206.87 15.79 0.00	180.86 13.30 0.00	125.38 8.65 0.00	82.25 5.38 0.01	85.98 4.61 0.24	65.55 3.45 0.00	62.61 3.11 0.00
NYPA_GOWANUS____GT6 24157	47.86 2.23 0.00	42.13 2.14 0.00	41.70 2.14 0.00	40.11 1.92 0.00	37.41 1.94 0.00	37.98 1.95 0.00	42.18 2.01 0.00	40.59 2.31 0.00	44.50 2.49 0.00	64.17 2.48 -23.39	56.46 2.90 -13.01	62.86 3.40 -15.38	52.48 3.88 -0.65	53.52 4.00 0.00	63.93 4.70 -0.01	88.90 6.56 0.00	87.52 6.84 0.00	206.87 15.79 0.00	180.86 13.30 0.00	125.38 8.65 0.00	82.25 5.38 0.01	85.98 4.61 0.24	65.55 3.45 0.00	62.61 3.11 0.00
NYPA_HARLEM__RVR__GT1 24160	47.82 2.18 0.00	42.12 2.13 0.00	41.68 2.12 0.00	40.11 1.92 0.00	37.41 1.94 0.00	37.98 1.95 0.00	42.14 1.97 0.00	40.56 2.27 0.00	44.40 2.39 0.00	64.06 2.37 -23.39	56.30 2.73 -13.01	62.66 3.20 -15.38	52.29 3.69 -0.65	53.19 3.68 0.00	63.60 4.38 0.00	88.69 6.35 0.00	87.30 6.62 0.00	206.47 15.40 0.00	180.63 13.07 0.00	125.21 8.48 0.00	82.17 5.29 0.00	85.91 4.54 0.23	65.51 3.41 0.00	62.53 3.04 0.00
NYPA_HARLEM__RVR__GT2 24161	47.82 2.18 0.00	42.12 2.13 0.00	41.68 2.12 0.00	40.11 1.92 0.00	37.41 1.94 0.00	37.98 1.95 0.00	42.14 1.97 0.00	40.56 2.27 0.00	44.40 2.39 0.00	64.06 2.37 -23.39	56.30 2.73 -13.01	62.66 3.20 -15.38	52.29 3.69 -0.65	53.19 3.68 0.00	63.60 4.38 0.00	88.69 6.35 0.00	87.30 6.62 0.00	206.47 15.40 0.00	180.63 13.07 0.00	125.21 8.48 0.00	82.17 5.29 0.00	85.91 4.54 0.23	65.51 3.41 0.00	62.53 3.04 0.00
NYPA_KENT____GT 24152	47.84 2.21 0.00	42.12 2.13 0.00	41.69 2.14 0.00	40.11 1.92 0.00	37.41 1.94 0.00	37.99 1.95 0.00	42.17 2.00 0.00	40.58 2.30 0.00	44.47 2.47 0.00	64.15 2.46 -23.39	56.42 2.86 -13.01	62.81 3.35 -15.38	52.42 3.82 -0.65	53.41 3.90 0.00	63.82 4.59 0.00	88.72 6.38 0.00	87.35 6.67 0.00	206.47 15.40 0.00	180.55 12.99 0.00	125.19 8.46 0.00	82.12 5.25 0.01	85.87 4.50 0.24	65.46 3.37 0.00	62.52 3.02 0.00
NYPA_POUCH1____GT 24155	47.77 2.14 0.00	42.06 2.07 0.00	41.62 2.06 0.00	40.04 1.85 0.00	37.34 1.87 0.00	37.91 1.88 0.00	42.07 1.90 0.00	40.47 2.19 0.00	44.37 2.36 0.00	64.05 2.36 -23.39	56.35 2.79 -13.01	62.78 3.31 -15.38	52.40 3.80 -0.65	53.45 3.93 0.00	63.85 4.62 -0.01	88.80 6.46 0.00	87.51 6.82 0.00	206.92 15.84 0.00	180.89 13.33 0.00	125.32 8.60 0.00	82.15 5.28 0.01	85.87 4.50 0.24	65.45 3.35 0.00	62.47 2.97 0.00
NYPA_VERNON____GT2 24162	47.81 2.18 0.00	42.12 2.13 0.00	41.68 2.12 0.00	40.11 1.93 0.00	37.41 1.94 0.00	37.99 1.96 0.00	42.17 2.00 0.00	40.58 2.29 0.00	44.46 2.46 0.00	64.14 2.45 -23.39	56.39 2.83 -13.01	62.76 3.30 -15.38	52.37 3.77 -0.65	53.32 3.81 0.00	63.72 4.50 0.00	88.63 6.29 0.00	87.23 6.54 0.00	206.22 15.15 0.00	180.37 12.82 0.00	125.06 8.34 0.00	82.04 5.18 0.01	85.79 4.43 0.24	65.42 3.33 0.00	62.46 2.96 0.00
NYPA_VERNON____GT3 24163	47.81 2.18 0.00	42.12 2.13 0.00	41.68 2.12 0.00	40.11 1.93 0.00	37.41 1.94 0.00	37.99 1.96 0.00	42.17 2.00 0.00	40.58 2.29 0.00	44.46 2.46 0.00	64.14 2.45 -23.39	56.39 2.83 -13.01	62.76 3.30 -15.38	52.37 3.77 -0.65	53.32 3.81 0.00	63.72 4.50 0.00	88.63 6.29 0.00	87.23 6.54 0.00	206.22 15.15 0.00	180.37 12.82 0.00	125.06 8.34 0.00	82.04 5.18 0.01	85.79 4.43 0.24	65.42 3.33 0.00	62.46 2.96 0.00
NYPA____ASTORIA_CC1 323568	47.69 2.06 0.00	42.03 2.04 0.00	41.59 2.04 0.00	40.03 1.84 0.00	37.32 1.85 0.00	37.91 1.88 0.00	42.07 1.90 0.00	40.48 2.20 0.00	44.35 2.35 0.00	64.04 2.35 -23.39	56.29 2.73 -13.01	62.64 3.18 -15.38	52.22 3.62 -0.65	53.16 3.64 0.00	63.53 4.30 0.00	88.34 6.00 0.00	86.98 6.30 0.00	205.65 14.58 0.00	179.85 12.28 0.00	124.69 7.97 0.00	81.81 4.94 0.01	85.54 4.18 0.24	65.23 3.14 0.00	62.29 2.79 0.00
NYPA____ASTORIA_CC2 323569	47.69 2.06 0.00	42.03 2.04 0.00	41.59 2.04 0.00	40.03 1.84 0.00	37.32 1.85 0.00	37.91 1.88 0.00	42.07 1.90 0.00	40.48 2.20 0.00	44.35 2.35 0.00	64.04 2.35 -23.39	56.29 2.73 -13.01	62.64 3.18 -15.38	52.22 3.62 -0.65	53.16 3.64 0.00	63.53 4.30 0.00	88.34 6.00 0.00	86.98 6.30 0.00	205.65 14.58 0.00	179.85 12.28 0.00	124.69 7.97 0.00	81.81 4.94 0.01	85.54 4.18 0.24	65.23 3.14 0.00	62.29 2.79 0.00
NYPA____HOLTSVILL 23794	47.06 1.43 0.00	42.27 2.28 0.00	41.95 2.40 0.00	40.33 2.15 0.00	37.55 2.08 0.00	38.16 2.13 0.00	42.48 2.31 0.00	40.60 2.32 0.00	44.58 2.58 0.00	64.02 2.42 -23.30	56.71 3.20 -12.96	63.37 3.71 -15.59	54.45 4.71 -1.78	53.83 4.26 -0.06	63.66 4.43 0.00	88.72 6.38 -0.01	123.91 6.56 -36.67	253.07 15.20 -46.79	305.67 13.00 -125.12	127.15 8.09 -2.33	79.06 5.10 2.92	81.23 4.53 4.90	58.63 3.00 6.46	57.50 2.70 4.70
NYPA____HELLGATE_GT1 24158	47.82 2.18 0.00	42.12 2.13 0.00	41.68 2.12 0.00	40.11 1.92 0.00	37.41 1.94 0.00	37.98 1.95 0.00	42.14 1.97 0.00	40.56 2.27 0.00	44.40 2.39 0.00	64.06 2.37 -23.39	56.30 2.73 -13.01	62.66 3.20 -15.38	52.29 3.69 -0.65	53.19 3.68 0.00	63.60 4.38 0.00	88.69 6.35 0.00	87.30 6.62 0.00	206.47 15.40 0.00	180.63 13.07 0.00	125.21 8.48 0.00	82.17 5.29 0.00	85.91 4.54 0.23	65.51 3.41 0.00	62.53 3.04 0.00
NYPA____HELLGATE_GT2 24159	47.82 2.18 0.00	42.12 2.13 0.00	41.68 2.12 0.00	40.11 1.92 0.00	37.41 1.94 0.00	37.98 1.95 0.00	42.14 1.97 0.00	40.56 2.27 0.00	44.40 2.39 0.00	64.06 2.37 -23.39	56.30 2.73 -13.01	62.66 3.20 -15.38	52.29 3.69 -0.65	53.19 3.68 0.00	63.60 4.38 0.00	88.69 6.35 0.00	87.30 6.62 0.00	206.47 15.40 0.00	180.63 13.07 0.00	125.21 8.48 0.00	82.17 5.29 0.00	85.91 4.54 0.23	65.51 3.41 0.00	62.53 3.04 0.00
NYS_BARGE____HYD 23848	44.73 -0.91 0.00	39.02 -0.97 0.00	38.51 -1.05 0.00	37.03 -1.16 0.00	34.24 -1.24 0.00	34.72 -1.31 0.00	38.63 -1.55 0.00	37.03 -1.26 0.00	40.71 -1.29 0.00	36.40 -1.91 0.00	37.95 -2.60 0.00	41.00 -3.08 0.00	42.76 -3.32 1.87	45.75 -3.76 0.00	50.58 -3.99 4.66	72.18 -6.58 3.59	73.21 -5.40 2.07	176.83 -14.25 0.00	155.09 -12.47 0.00	107.56 -9.17 0.00	67.70 -6.64 2.54	66.96 -8.08 6.57	57.61 -4.49 0.00	56.54 -2.96 0.00
OAK ORCHARD____HYD 24046	45.43 -0.20 0.00	39.61 -0.38 0.00	39.05 -0.50 0.00	37.60 -0.59 0.00	34.83 -0.64 0.00	35.35 -0.68 0.00	39.36 -0.82 0.00	37.70 -0.59 0.00	41.42 -0.58 0.00	37.51 -0.79 0.00	39.52 -1.04 0.00	42.93 -1.15 0.00	46.74 -1.22 0.00	48.19 -1.33 0.00	57.91 -1.31 0.00	80.03 -2.31 0.00	79.07 -1.61 0.00	187.02 -4.05 0.00	164.27 -3.29 0.00	114.13 -2.60 0.00	73.06 -2.30 1.51	79.05 -3.32 -0.76	60.45 -1.65 0.00	58.35 -1.15 0.00

OAKDALE___35_KV_LOAD 356122	45.80 0.17 0.00	40.04 0.05 0.00	39.57 0.00 -0.01	38.17 -0.02 0.00	35.41 -0.07 0.00	35.95 -0.07 0.00	40.08 -0.10 0.00	38.37 0.08 0.00	41.99 -0.02 0.00	38.25 -0.05 0.00	40.37 -0.18 0.00	44.07 -0.02 0.00	48.02 0.07 0.00	49.54 0.02 0.00	59.69 0.15 -0.31	84.12 0.09 -1.69	83.71 0.14 -2.89	194.85 0.02 -3.76	168.01 -0.03 -0.47	116.83 -0.15 -0.25	75.02 -0.40 1.46	79.75 -0.94 0.91	62.10 -0.36 -0.36	59.55 -0.41 -0.45
OCC_CHEM___DRP 24175	43.89 -1.75 0.00	38.23 -1.76 0.00	37.70 -1.86 0.00	36.23 -1.96 0.00	33.54 -1.93 0.00	34.03 -2.00 0.00	37.85 -2.32 0.00	36.28 -2.01 0.00	39.87 -2.13 0.00	35.74 -2.56 0.00	37.48 -3.07 0.00	40.56 -3.52 0.00	41.99 -3.94 2.02	45.30 -4.21 0.00	49.51 -4.69 5.02	70.50 -7.97 3.88	71.70 -6.75 2.24	173.70 -17.38 0.00	151.99 -15.57 0.00	105.23 -11.49 0.00	65.88 -8.28 2.72	63.05 -9.66 8.90	56.43 -5.67 0.00	55.27 -4.23 0.00
OH_GEN_PROXY 24063	44.15 -1.49 0.00	38.48 -1.51 0.00	37.96 -1.60 0.00	36.51 -1.68 0.00	33.78 -1.69 0.00	34.27 -1.76 0.00	38.11 -2.06 0.00	36.53 -1.76 0.00	40.15 -1.86 0.00	36.08 -2.22 0.00	37.84 -2.71 0.00	41.00 -3.09 0.00	42.79 -3.43 1.73	45.77 -3.74 0.00	50.82 -4.10 4.31	72.32 -6.70 3.33	73.12 -5.64 1.92	176.63 -14.44 0.00	154.89 -12.67 0.00	107.16 -9.57 0.00	67.12 -7.09 2.67	63.32 -8.48 9.81	57.26 -4.83 0.00	55.98 -3.52 0.00
OLIN_CORP_DRP 24177	44.15 -1.49 0.00	38.57 -1.42 0.00	38.09 -1.46 0.00	36.62 -1.56 0.00	33.88 -1.59 0.00	34.36 -1.67 0.00	38.22 -1.95 0.00	36.64 -1.65 0.00	40.28 -1.73 0.00	35.96 -2.35 0.00	37.50 -3.05 0.00	40.51 -3.57 0.00	42.11 -3.79 2.05	45.22 -4.30 0.00	49.54 -4.59 5.10	70.88 -7.53 3.94	72.13 -6.28 2.27	174.67 -16.40 0.00	152.98 -14.58 0.00	106.00 -10.72 0.00	66.45 -7.71 2.72	64.54 -9.09 7.97	56.84 -5.26 0.00	55.99 -3.51 0.00
OLIN_CORP_DSASP 323712	43.89 -1.74 0.00	38.24 -1.76 0.00	37.70 -1.86 0.00	36.23 -1.96 0.00	33.54 -1.93 0.00	34.03 -2.00 0.00	37.85 -2.32 0.00	36.27 -2.01 0.00	39.87 -2.13 0.00	35.76 -2.55 0.00	37.49 -3.06 0.00	40.58 -3.51 0.00	42.04 -3.90 2.02	45.30 -4.21 0.00	49.53 -4.67 5.02	70.54 -7.93 3.88	71.68 -6.76 2.24	173.69 -17.38 0.00	151.99 -15.57 0.00	105.25 -11.47 0.00	65.88 -8.28 2.72	62.95 -9.76 8.90	56.43 -5.66 0.00	55.28 -4.21 0.00
ONEIDA_HERK_LFGE 323681	47.23 1.59 0.00	41.32 1.34 0.00	40.83 1.26 -0.01	39.36 1.17 0.00	36.54 1.07 0.00	37.13 1.10 0.00	41.38 1.20 0.00	39.48 1.19 0.00	43.34 1.33 0.00	39.51 1.21 0.00	41.75 1.20 0.00	45.35 1.27 0.00	49.38 1.43 0.00	50.77 1.25 0.00	60.82 1.42 -0.17	85.19 1.93 -0.92	84.17 1.92 -1.57	198.32 5.20 -2.05	173.05 5.23 -0.26	121.33 4.47 -0.14	79.90 2.90 -0.13	84.95 2.86 -0.48	64.38 2.09 -0.20	61.68 1.93 -0.25
ONEIDA___115KV_TB4 55905	46.99 1.36 0.00	41.12 1.13 0.00	40.63 1.06 -0.01	39.16 0.98 0.00	36.36 0.89 0.00	36.94 0.91 0.00	41.18 1.01 0.00	39.30 1.02 0.00	43.19 1.18 0.00	39.33 1.02 0.00	41.52 0.97 0.00	45.18 1.10 0.00	49.28 1.32 0.00	50.95 1.43 0.00	60.85 1.37 -0.24	85.70 2.02 -1.33	84.99 2.04 -2.28	199.65 5.61 -2.96	172.76 4.83 -0.37	120.90 3.98 -0.20	79.70 2.64 -0.18	84.74 2.43 -0.70	64.18 1.80 -0.29	61.44 1.58 -0.36
ONONDAGA_REF_OCCRA 23987	45.55 -0.09 0.00	39.83 -0.15 0.00	39.36 -0.22 -0.02	37.95 -0.24 0.00	35.21 -0.26 0.00	35.75 -0.28 0.00	39.83 -0.35 0.00	38.09 -0.19 0.00	41.77 -0.24 0.00	38.04 -0.26 0.00	40.25 -0.30 0.00	43.86 -0.22 0.00	47.77 -0.18 0.00	49.29 -0.23 0.00	59.57 -0.19 -0.53	84.96 -0.32 -2.94	85.38 -0.30 -5.01	197.13 -0.47 -6.53	168.14 -0.25 -0.82	117.12 -0.04 -0.44	77.85 -0.22 -1.19	82.42 -0.73 -1.55	62.30 -0.43 -0.63	59.78 -0.51 -0.79
ONONDAGA___COGEN 23986	45.54 -0.09 0.00	39.81 -0.18 0.00	39.34 -0.25 -0.03	37.94 -0.25 0.00	35.21 -0.27 0.00	35.75 -0.28 0.00	39.82 -0.36 0.00	38.10 -0.19 0.00	41.74 -0.26 0.00	38.01 -0.30 0.00	40.27 -0.29 0.00	43.87 -0.22 0.00	47.74 -0.21 0.00	49.22 -0.30 0.00	59.82 -0.22 -0.81	86.47 -0.35 -4.47	87.98 -0.33 -7.63	200.35 -0.66 -9.94	168.35 -0.47 -1.26	117.28 -0.11 -0.66	77.22 -0.27 -0.61	83.21 -0.75 -2.36	62.60 -0.46 -0.96	60.16 -0.54 -1.20
ONTARIO___LFGE 23819	46.27 0.64 0.00	40.33 0.34 0.00	39.77 0.20 -0.01	38.34 0.15 0.00	35.51 0.04 0.00	36.05 0.03 0.00	40.18 0.01 0.00	38.50 0.22 0.00	42.15 0.15 0.00	38.24 -0.07 0.00	40.37 -0.18 0.00	43.97 -0.11 0.00	48.86 -0.41 -1.32	49.19 -0.33 0.00	62.29 -0.47 -3.53	85.51 -0.84 -4.00	84.06 -0.62 -4.00	193.28 -1.12 -3.33	167.54 -0.45 -0.42	117.13 0.19 -0.22	73.66 -0.16 3.06	81.50 -0.90 -0.79	62.14 -0.28 -0.32	59.54 -0.36 -0.40
ORANGEVILLE_WT_PWR 323706	45.18 -0.45 0.00	39.33 -0.66 0.00	38.74 -0.82 0.00	37.29 -0.89 0.00	34.44 -1.03 0.00	34.95 -1.08 0.00	38.90 -1.27 0.00	37.27 -1.02 0.00	40.92 -1.08 0.00	36.90 -1.40 0.00	38.67 -1.88 0.00	41.73 -2.36 0.00	36.49 -2.94 8.52	46.40 -3.12 0.00	34.59 -3.46 21.18	60.79 -5.21 16.35	66.56 -4.69 9.44	180.54 -10.53 0.00	158.67 -8.89 0.00	110.17 -6.55 0.00	68.48 -4.56 3.84	69.50 -5.63 6.47	58.86 -3.24 0.00	56.91 -2.59 0.00
ORANGEVILLE___ESR 323794	45.18 -0.45 0.00	39.33 -0.66 0.00	38.74 -0.82 0.00	37.29 -0.89 0.00	34.44 -1.03 0.00	34.95 -1.08 0.00	38.90 -1.27 0.00	37.27 -1.02 0.00	40.92 -1.08 0.00	36.90 -1.40 0.00	38.67 -1.88 0.00	41.73 -2.36 0.00	36.49 -2.94 8.52	46.40 -3.12 0.00	34.59 -3.46 21.18	60.79 -5.21 16.35	66.56 -4.69 9.44	180.54 -10.53 0.00	158.67 -8.89 0.00	110.17 -6.55 0.00	68.48 -4.56 3.84	69.50 -5.63 6.47	58.86 -3.24 0.00	56.91 -2.59 0.00
OSWEGATCHIE___HYD 24044	47.20 1.56 0.00	41.26 1.28 0.00	40.76 1.19 -0.01	39.32 1.13 0.00	36.46 0.99 0.00	37.01 0.98 0.00	41.32 1.15 0.00	39.20 0.92 0.00	43.09 1.09 0.00	39.22 0.92 0.00	41.47 0.91 0.00	45.05 0.97 0.00	48.78 0.83 0.00	49.89 0.37 0.00	59.84 0.37 -0.25	84.00 0.29 -1.37	83.47 0.46 -2.33	195.72 1.61 -3.04	170.44 2.49 -0.38	119.79 2.86 -0.20	79.14 2.07 -0.19	85.22 2.90 -0.72	64.46 2.07 -0.29	61.98 2.12 -0.37
OSWEGO___5 23606	44.68 -0.95 0.00	39.09 -0.90 0.00	38.77 -0.93 -0.13	37.28 -0.91 0.00	34.61 -0.86 0.00	35.14 -0.89 0.00	39.16 -1.02 0.00	37.41 -0.87 0.00	41.01 -1.00 0.00	37.36 -0.95 0.00	39.54 -1.02 0.00	43.00 -1.08 0.00	46.82 -1.14 0.00	48.30 -1.22 0.00	61.21 -1.38 -3.36	98.85 -2.03 -18.54	110.32 -1.97 -31.61	227.67 -4.59 -41.19	168.88 -3.89 -5.20	116.87 -2.61 -2.75	77.56 -1.86 -2.54	89.04 -2.33 -9.76	64.46 -1.63 -3.99	62.90 -1.57 -4.97
OSWEGO___6 23613	44.68 -0.95 0.00	39.09 -0.90 0.00	38.77 -0.93 -0.13	37.28 -0.91 0.00	34.61 -0.86 0.00	35.14 -0.89 0.00	39.16 -1.02 0.00	37.41 -0.87 0.00	41.01 -1.00 0.00	37.36 -0.95 0.00	39.54 -1.02 0.00	43.00 -1.08 0.00	46.82 -1.14 0.00	48.30 -1.22 0.00	61.21 -1.38 -3.36	98.85 -2.03 -18.54	110.32 -1.97 -31.61	227.67 -4.59 -41.19	168.88 -3.89 -5.20	116.87 -2.61 -2.75	77.56 -1.86 -2.54	89.04 -2.33 -9.76	64.46 -1.63 -3.99	62.90 -1.57 -4.97

OUTOKUMPU-AB___DRP 24206	44.91 -0.72 0.00	39.12 -0.87 0.00	38.56 -1.00 0.00	37.06 -1.13 0.00	34.27 -1.20 0.00	34.78 -1.25 0.00	38.69 -1.49 0.00	37.11 -1.18 0.00	40.79 -1.22 0.00	36.59 -1.71 0.00	38.33 -2.23 0.00	41.48 -2.61 0.00	42.91 -2.88 2.16	46.36 -3.16 0.00	50.55 -3.31 5.37	72.51 -5.69 4.14	73.70 -4.59 2.39	178.87 -12.21 0.00	156.69 -10.87 0.00	108.67 -8.05 0.00	68.11 -6.01 2.77	66.42 -7.34 7.85	58.06 -4.04 0.00	56.75 -2.75 0.00
OXBOW___BTM 323836	44.41 -1.22 0.00	38.69 -1.30 0.00	38.13 -1.43 0.00	36.65 -1.54 0.00	33.90 -1.57 0.00	34.40 -1.64 0.00	38.26 -1.91 0.00	36.68 -1.60 0.00	40.33 -1.68 0.00	36.18 -2.12 0.00	37.92 -2.64 0.00	41.05 -3.03 0.00	42.51 -3.36 2.09	45.88 -3.64 0.00	50.10 -3.93 5.20	71.62 -6.71 4.01	72.80 -5.57 2.32	176.46 -14.61 0.00	154.12 -13.44 0.00	107.01 -9.71 0.00	67.06 -7.08 2.74	64.69 -8.55 8.37	57.29 -4.81 0.00	56.03 -3.47 0.00
OXBOW___ 24026	44.41 -1.22 0.00	38.68 -1.30 0.00	38.13 -1.42 0.00	36.64 -1.54 0.00	33.90 -1.57 0.00	34.39 -1.64 0.00	38.26 -1.91 0.00	36.68 -1.61 0.00	40.33 -1.68 0.00	36.16 -2.14 0.00	37.92 -2.64 0.00	41.04 -3.05 0.00	42.47 -3.39 2.09	45.86 -3.65 0.00	50.08 -3.95 5.20	71.58 -6.75 4.01	72.78 -5.58 2.32	176.50 -14.57 0.00	154.11 -13.45 0.00	107.00 -9.73 0.00	67.06 -7.08 2.74	64.79 -8.45 8.37	57.27 -4.82 0.00	56.02 -3.48 0.00
OXY_CHEM_DSASP 323612	43.89 -1.75 0.00	38.23 -1.76 0.00	37.70 -1.86 0.00	36.23 -1.96 0.00	33.54 -1.93 0.00	34.03 -2.00 0.00	37.85 -2.32 0.00	36.28 -2.01 0.00	39.87 -2.13 0.00	35.74 -2.56 0.00	37.48 -3.07 0.00	40.56 -3.52 0.00	41.99 -3.94 2.02	45.30 -4.21 0.00	49.51 -4.69 5.02	70.50 -7.97 3.88	71.70 -6.75 2.24	173.70 -17.38 0.00	151.99 -15.57 0.00	105.23 -11.49 0.00	65.88 -8.28 2.72	63.05 -9.66 8.90	56.43 -5.67 0.00	55.27 -4.23 0.00
OZONE_PARK_ESR 323760	48.61 2.98 0.00	42.79 2.80 0.00	42.36 2.80 0.00	40.76 2.57 0.00	37.99 2.52 0.00	38.55 2.52 0.00	42.83 2.66 0.00	41.19 2.90 0.00	45.17 3.17 0.00	64.80 3.08 -23.42	57.04 3.46 -13.02	63.41 3.93 -15.40	53.10 4.50 -0.65	54.18 4.66 0.00	64.84 5.62 0.00	90.20 7.85 0.00	88.77 8.09 0.00	209.89 18.82 0.00	183.60 16.04 0.00	127.40 10.68 0.00	83.55 6.68 0.01	87.45 6.09 0.24	66.70 4.60 0.00	63.59 4.09 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	43.89 -1.75 0.00	38.23 -1.76 0.00	37.70 -1.86 0.00	36.23 -1.96 0.00	33.54 -1.93 0.00	34.03 -2.00 0.00	37.85 -2.32 0.00	36.28 -2.01 0.00	39.87 -2.13 0.00	35.74 -2.56 0.00	37.48 -3.07 0.00	40.56 -3.52 0.00	41.99 -3.94 2.02	45.30 -4.21 0.00	49.51 -4.69 5.02	70.50 -7.97 3.88	71.70 -6.75 2.24	173.70 -17.38 0.00	151.99 -15.57 0.00	105.23 -11.49 0.00	65.88 -8.28 2.72	63.05 -9.66 8.90	56.43 -5.67 0.00	55.27 -4.23 0.00
PACKARD___115KV_DUPONT_184 80571	43.89 -1.75 0.00	38.23 -1.76 0.00	37.70 -1.86 0.00	36.23 -1.96 0.00	33.54 -1.93 0.00	34.03 -2.00 0.00	37.85 -2.32 0.00	36.28 -2.01 0.00	39.87 -2.13 0.00	35.74 -2.56 0.00	37.48 -3.07 0.00	40.56 -3.52 0.00	41.99 -3.94 2.02	45.30 -4.21 0.00	49.51 -4.69 5.02	70.50 -7.97 3.88	71.70 -6.75 2.24	173.70 -17.38 0.00	151.99 -15.57 0.00	105.23 -11.49 0.00	65.88 -8.28 2.72	63.05 -9.66 8.90	56.43 -5.67 0.00	55.27 -4.23 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	47.77 2.13 0.00	42.07 2.08 0.00	41.64 2.08 0.00	40.07 1.88 0.00	37.36 1.89 0.00	37.92 1.89 0.00	42.11 1.93 0.00	40.52 2.23 0.00	44.36 2.36 0.00	64.01 2.33 -23.39	56.25 2.69 -13.01	62.64 3.18 -15.38	52.26 3.66 -0.65	53.23 3.72 0.00	63.62 4.40 0.00	88.70 6.36 0.00	87.29 6.61 0.00	206.42 15.35 0.00	180.56 13.00 0.00	125.19 8.46 0.00	82.14 5.27 0.01	85.89 4.52 0.24	65.49 3.40 0.00	62.51 3.01 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	49.31 3.68 0.00	43.45 3.45 0.00	43.03 3.48 0.00	41.42 3.23 0.00	38.62 3.15 0.00	39.22 3.19 0.00	43.53 3.35 0.00	41.88 3.59 0.00	45.88 3.88 0.00	65.37 3.68 -23.39	57.65 4.08 -13.01	64.22 4.75 -15.38	53.98 5.38 -0.65	55.02 5.51 0.00	65.82 6.60 0.00	91.80 9.46 0.00	90.35 9.67 0.00	213.53 22.46 0.00	186.87 19.31 0.00	129.49 12.76 0.00	84.98 8.11 0.01	88.86 7.49 0.24	67.79 5.70 0.00	64.71 5.21 0.00
PATROON___115KV_TB1 80586	46.53 0.89 0.00	40.90 0.91 0.00	40.56 1.01 0.00	39.13 0.94 0.00	36.42 0.95 0.00	37.03 1.00 0.00	41.16 0.99 0.00	39.43 1.14 0.00	43.07 1.07 0.00	39.28 0.98 0.00	41.63 1.07 0.00	45.16 1.07 0.00	49.31 1.36 0.00	51.04 1.53 0.00	61.18 1.95 0.00	85.14 2.80 0.00	83.08 2.40 0.00	197.08 6.00 0.00	172.94 5.39 0.00	120.28 3.55 0.00	79.01 2.13 0.00	83.15 1.54 0.00	63.22 1.12 0.00	60.42 0.92 0.00
PATTRSNVILLE___SOLAR 323815	47.25 1.61 0.00	41.43 1.44 0.00	40.97 1.42 0.00	39.49 1.30 0.00	36.71 1.24 0.00	37.30 1.27 0.00	41.53 1.36 0.00	39.60 1.31 0.00	43.25 1.25 0.00	39.49 1.19 0.00	41.62 1.07 0.00	45.04 0.96 0.00	49.07 1.11 0.00	50.75 1.23 0.00	60.94 1.71 0.00	85.24 2.90 0.00	82.42 1.74 0.00	196.12 5.05 0.00	172.85 5.29 0.00	121.20 4.48 0.00	80.01 3.15 0.01	84.27 2.85 0.19	64.25 2.15 0.00	61.48 1.98 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	45.08 -0.55 0.00	39.24 -0.76 0.00	38.67 -0.89 0.00	37.19 -1.00 0.00	34.36 -1.11 0.00	34.87 -1.16 0.00	38.83 -1.34 0.00	37.25 -1.03 0.00	40.91 -1.09 0.00	36.90 -1.40 0.00	38.70 -1.86 0.00	42.05 -2.03 0.00	43.45 -2.25 2.26	46.96 -2.56 0.00	51.20 -2.42 5.61	73.89 -4.13 4.33	74.89 -3.30 2.50	182.04 -9.03 0.00	159.84 -7.72 0.00	110.74 -5.98 0.00	69.13 -4.63 3.11	68.13 -5.83 7.64	58.97 -3.13 0.00	57.26 -2.24 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	47.94 2.30 0.00	42.14 2.15 0.00	41.71 2.16 0.00	40.15 1.96 0.00	37.39 1.92 0.00	37.97 1.94 0.00	42.21 2.04 0.00	40.55 2.27 0.00	44.47 2.47 0.00	46.74 2.44 -6.00	46.66 2.78 -3.34	51.26 3.24 -3.94	51.96 3.84 -0.17	53.60 4.09 0.00	64.18 4.95 0.00	89.36 7.01 0.00	87.89 7.21 0.00	207.96 16.89 0.00	182.21 14.65 0.00	126.33 9.60 0.00	82.80 5.94 0.01	86.59 5.21 0.23	65.90 3.80 0.00	62.79 3.29 0.00
PEEKSKILL___ 23653	47.45 1.81 0.00	41.75 1.76 0.00	41.36 1.80 0.00	39.82 1.63 0.00	37.11 1.64 0.00	37.69 1.66 0.00	41.86 1.69 0.00	40.22 1.93 0.00	44.06 2.06 0.00	66.06 2.03 -25.73	57.19 2.32 -14.31	63.72 2.72 -16.92	51.88 3.21 -0.71	52.88 3.36 0.00	63.29 4.06 0.00	88.07 5.73 0.00	86.62 5.94 0.00	204.80 13.72 0.00	179.18 11.62 0.00	124.38 7.65 0.00	81.56 4.69 0.01	85.35 3.98 0.24	65.07 2.98 0.00	62.11 2.61 0.00
PGE MADISON___WINDPWR 24146	48.36 2.72 0.00	42.38 2.39 0.00	41.85 2.28 -0.01	40.48 2.29 0.00	37.67 2.20 0.00	38.35 2.32 0.00	42.88 2.70 0.00	41.11 2.82 0.00	45.02 3.02 0.00	40.94 2.64 0.00	43.18 2.63 0.00	47.23 3.15 0.00	51.95 3.55 -0.45	52.70 3.18 0.00	63.58 2.91 -1.44	89.65 4.61 -2.70	88.45 4.14 -3.64	205.71 10.54 -4.10	178.00 9.92 -0.52	125.32 8.32 -0.27	86.55 5.40 -4.28	86.72 5.34 0.22	66.73 4.23 -0.40	63.87 3.88 -0.49

PIERCEFIELD___HYD 23852	46.70 1.07 0.00	40.87 0.87 0.00	40.38 0.82 0.00	39.00 0.81 0.00	36.14 0.67 0.00	36.69 0.66 0.00	40.99 0.82 0.00	38.74 0.45 0.00	42.68 0.67 0.00	38.88 0.58 0.00	41.09 0.53 0.00	44.67 0.59 0.00	48.22 0.26 0.00	49.46 -0.06 0.00	58.94 -0.41 -0.12	82.43 -0.60 -0.68	81.75 -0.09 -1.17	192.01 -0.58 -1.52	167.85 0.10 -0.19	117.47 0.65 -0.10	77.74 0.77 -0.09	84.17 2.21 -0.36	63.78 1.54 -0.15	61.38 1.70 -0.18
PINELAWN_CC_1 323563	47.52 1.89 0.00	42.46 2.47 0.00	42.09 2.54 0.00	40.49 2.30 0.00	37.68 2.20 0.00	38.26 2.22 0.00	42.54 2.36 0.00	40.74 2.46 0.00	44.72 2.71 0.00	64.22 2.62 -23.30	56.63 3.11 -12.96	63.07 3.40 -15.59	53.89 4.15 -1.78	53.33 3.72 -0.09	63.06 3.83 0.00	87.94 5.60 0.00	88.64 5.87 -2.09	206.71 13.76 -1.88	186.65 11.87 -7.21	124.19 7.47 0.00	78.01 4.73 3.60	81.59 4.08 4.09	61.88 3.05 3.27	63.58 3.27 -0.80
PJM_GEN_HTTP_PROXY 323702	47.79 2.16 0.00	42.08 2.09 0.00	41.66 2.10 0.00	40.11 1.92 0.00	37.38 1.91 0.00	37.96 1.93 0.00	42.16 1.99 0.00	40.54 2.25 0.00	44.45 2.45 0.00	64.15 2.40 -23.45	56.35 2.76 -13.04	63.06 3.22 -15.76	52.34 3.74 -0.65	53.37 3.85 0.00	63.86 4.63 0.00	84.96 6.44 3.82	87.35 6.66 0.00	206.49 15.42 0.00	179.54 13.08 1.11	124.35 8.56 0.93	81.26 5.30 0.92	86.00 4.63 0.24	65.27 3.46 0.29	62.56 3.06 0.00
PJM_GEN_KEystone 24065	45.17 0.29 0.75	39.28 0.19 0.90	37.35 0.19 2.39	38.30 0.11 0.00	35.57 0.10 0.00	29.48 0.08 6.63	29.28 -0.01 10.87	38.56 0.27 0.00	42.22 0.22 0.00	3.60 0.17 34.87	21.48 0.05 19.12	22.06 0.25 22.27	46.94 0.41 1.42	49.90 0.39 0.00	58.90 0.72 1.04	79.02 0.72 4.05	82.39 1.08 -0.63	194.31 1.75 -1.49	167.85 1.21 0.92	116.24 0.35 0.83	73.80 -0.31 2.77	77.57 -1.16 2.87	61.63 -0.33 0.14	59.44 -0.24 -0.18
PJM_GEN_NEPTUNE_PROXY 323594	47.12 1.48 0.00	41.96 1.97 0.00	41.60 2.05 0.00	40.03 1.84 0.00	37.27 1.80 0.00	37.84 1.81 0.00	42.05 1.87 0.00	40.30 2.02 0.00	44.22 2.22 0.00	63.78 2.18 -23.30	56.32 2.81 -12.96	63.25 3.24 -15.92	53.68 3.95 -1.78	53.27 3.72 -0.04	63.32 4.09 0.00	84.37 5.85 3.82	86.73 6.04 0.00	205.02 13.95 0.00	178.31 11.85 1.11	123.36 7.57 0.94	73.46 4.74 8.16	78.06 4.11 7.66	56.15 2.88 8.82	54.04 2.66 8.11
PJM_GEN_VFT_PROXY 323633	47.57 1.94 0.00	41.87 1.88 0.00	41.46 1.91 0.00	39.92 1.73 0.00	37.23 1.76 0.00	37.78 1.75 0.00	41.97 1.79 0.00	40.36 2.07 0.00	44.26 2.26 0.00	63.94 2.23 -23.41	56.15 2.57 -13.02	62.82 3.01 -15.74	52.07 3.47 -0.64	53.11 3.59 0.00	63.55 4.33 0.00	84.59 6.07 3.82	87.01 6.33 0.00	205.58 14.50 0.00	178.67 12.22 1.11	123.82 8.02 0.93	80.92 4.96 0.92	85.63 4.26 0.24	64.99 3.18 0.29	62.26 2.77 0.00
PLATSBURG_115KV_PMLD1 355749	46.33 0.69 0.00	40.58 0.59 0.00	40.15 0.59 0.00	38.77 0.58 0.00	36.02 0.54 0.00	36.56 0.53 0.00	40.82 0.65 0.00	38.66 0.38 0.00	42.44 0.44 0.00	38.62 0.32 0.00	40.97 0.42 0.00	44.42 0.33 0.00	47.86 -0.09 0.00	49.48 -0.03 0.00	58.65 -0.57 0.00	81.50 -0.84 0.00	80.18 -0.50 0.00	189.02 -2.05 0.00	166.25 -1.31 0.00	116.06 -0.66 0.00	76.55 -0.33 0.00	82.49 0.89 0.00	62.50 0.41 0.00	60.56 1.06 0.00
PLEASANTVLY___LBMP 24000	47.15 1.51 0.00	41.50 1.51 0.00	41.10 1.55 0.00	39.59 1.40 0.00	36.88 1.41 0.00	37.46 1.43 0.00	41.64 1.47 0.00	39.97 1.69 0.00	43.78 1.78 0.00	47.93 1.74 -7.89	46.92 1.98 -4.39	51.53 2.26 -5.19	50.85 2.68 -0.22	52.33 2.81 0.00	62.65 3.42 0.00	87.16 4.82 0.00	85.60 4.92 0.00	202.54 11.47 0.00	177.51 9.95 0.00	123.19 6.47 0.00	80.83 3.97 0.01	84.65 3.27 0.22	64.54 2.44 0.00	61.62 2.12 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	47.47 1.84 0.00	41.79 1.80 0.00	41.38 1.82 0.00	39.85 1.66 0.00	37.13 1.66 0.00	37.70 1.67 0.00	41.89 1.72 0.00	40.23 1.95 0.00	44.10 2.09 0.00	52.10 2.06 -11.74	49.43 2.34 -6.53	54.51 2.70 -7.72	51.47 3.19 -0.32	52.86 3.35 0.00	63.29 4.06 0.00	88.04 5.70 0.00	86.52 5.84 0.00	204.75 13.68 0.00	179.35 11.79 0.00	124.43 7.70 0.00	81.59 4.72 0.01	85.41 4.04 0.23	65.11 3.01 0.00	62.14 2.64 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	47.47 1.84 0.00	41.79 1.80 0.00	41.38 1.82 0.00	39.85 1.66 0.00	37.13 1.66 0.00	37.70 1.67 0.00	41.89 1.72 0.00	40.23 1.95 0.00	44.10 2.09 0.00	52.10 2.06 -11.74	49.43 2.34 -6.53	54.51 2.70 -7.72	51.47 3.19 -0.32	52.86 3.35 0.00	63.29 4.06 0.00	88.04 5.70 0.00	86.52 5.84 0.00	204.75 13.68 0.00	179.35 11.79 0.00	124.43 7.70 0.00	81.59 4.72 0.01	85.41 4.04 0.23	65.11 3.01 0.00	62.14 2.64 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	47.65 2.01 0.00	41.89 1.90 0.00	41.46 1.90 0.00	39.93 1.74 0.00	37.18 1.71 0.00	37.75 1.72 0.00	41.97 1.79 0.00	40.31 2.02 0.00	44.18 2.18 0.00	40.47 2.17 0.00	43.00 2.45 0.00	46.90 2.81 0.00	51.28 3.33 0.00	53.00 3.49 0.00	63.54 4.31 0.00	88.51 6.17 0.00	87.06 6.38 0.00	206.07 15.00 0.00	180.63 13.07 0.00	125.34 8.61 0.00	82.18 5.32 0.01	85.92 4.54 0.23	65.42 3.32 0.00	62.35 2.85 0.00
POLETTI_____ 23519	47.77 2.13 0.00	42.04 2.05 0.00	41.62 2.07 0.00	40.07 1.88 0.00	37.35 1.88 0.00	37.92 1.89 0.00	42.12 1.94 0.00	40.50 2.22 0.00	44.41 2.41 0.00	64.10 2.38 -23.42	56.29 2.71 -13.02	62.67 3.19 -15.40	52.31 3.71 -0.65	53.33 3.82 0.00	63.80 4.58 0.00	88.73 6.39 0.00	87.30 6.62 0.00	206.32 15.25 0.00	180.52 12.96 0.00	125.22 8.49 0.00	82.12 5.26 0.01	85.93 4.56 0.24	65.53 3.43 0.00	62.53 3.03 0.00
POMONA___ESR 323819	47.44 1.81 0.00	41.72 1.73 0.00	41.32 1.77 0.00	39.81 1.62 0.00	37.10 1.64 0.00	37.66 1.63 0.00	41.83 1.65 0.00	40.18 1.90 0.00	44.03 2.03 0.00	6.91 1.99 33.39	24.25 2.27 18.57	24.81 2.69 21.96	50.26 3.23 0.92	52.93 3.42 0.00	63.41 4.18 0.00	88.25 5.90 0.00	86.79 6.11 0.00	205.17 14.10 0.00	179.40 11.84 0.00	124.50 7.77 0.00	81.60 4.73 0.01	85.39 4.03 0.24	65.10 3.01 0.00	62.12 2.62 0.00
PORT_JEFF_3 23555	47.13 1.49 0.00	42.33 2.34 0.00	42.00 2.45 0.00	40.38 2.19 0.00	37.59 2.12 0.00	38.19 2.16 0.00	42.52 2.35 0.00	40.63 2.34 0.00	44.63 2.62 0.00	64.09 2.49 -23.30	56.83 3.32 -12.96	63.48 3.81 -15.59	54.60 4.85 -1.79	54.00 4.42 -0.06	63.79 4.56 0.00	88.85 6.50 -0.01	128.00 6.62 -40.69	260.49 15.37 -54.04	316.99 13.11 -136.32	127.82 8.15 -2.95	79.40 5.11 2.59	81.78 4.70 4.52	58.80 3.13 6.43	57.72 2.86 4.64
PORT_JEFF_4 23616	47.13 1.49 0.00	42.33 2.34 0.00	42.00 2.45 0.00	40.38 2.19 0.00	37.59 2.12 0.00	38.19 2.16 0.00	42.52 2.35 0.00	40.63 2.34 0.00	44.63 2.62 0.00	64.09 2.49 -23.30	56.83 3.32 -12.96	63.48 3.81 -15.59	54.60 4.85 -1.79	54.00 4.42 -0.06	63.79 4.56 0.00	88.85 6.50 -0.01	128.00 6.62 -40.69	260.49 15.37 -54.04	316.99 13.11 -136.32	127.82 8.15 -2.95	79.40 5.11 2.59	81.78 4.70 4.52	58.80 3.13 6.43	57.72 2.86 4.64

PORT_JEFF_IC 23713	47.21 1.58 0.00	42.40 2.41 0.00	42.07 2.52 0.00	40.44 2.24 0.00	37.63 2.16 0.00	38.25 2.22 0.00	42.60 2.42 0.00	40.69 2.41 0.00	44.71 2.70 0.00	64.17 2.57 -23.30	56.92 3.41 -12.96	63.61 3.94 -15.59	54.77 5.03 -1.79	54.25 4.67 -0.06	64.03 4.80 0.00	89.04 6.69 -0.01	142.29 6.75 -54.85	286.08 15.75 -79.25	356.96 13.38 -176.03	130.04 8.25 -5.06	80.65 5.22 1.44	83.36 5.01 3.25	59.20 3.43 6.33	58.34 3.32 4.48
PPL PILGRIM_ST_GT1 24216	47.59 1.96 0.00	42.65 2.67 0.00	42.32 2.77 0.00	40.69 2.51 0.00	37.87 2.39 0.00	38.47 2.44 0.00	42.77 2.59 0.00	40.94 2.65 0.00	44.95 2.95 0.00	64.40 2.80 -23.30	57.12 3.60 -12.96	63.79 4.12 -15.59	54.71 4.97 -1.78	54.18 4.60 -0.06	64.14 4.91 0.00	89.28 6.94 0.00	93.93 6.58 -6.66	212.36 15.30 -5.99	203.78 13.14 -23.08	125.22 8.50 0.01	77.60 5.66 4.94	80.78 5.03 5.85	59.67 3.49 5.91	59.04 3.32 3.78
PPL PILGRIM_ST_GT2 24217	47.59 1.96 0.00	42.65 2.67 0.00	42.32 2.77 0.00	40.69 2.51 0.00	37.87 2.39 0.00	38.47 2.44 0.00	42.77 2.59 0.00	40.94 2.65 0.00	44.95 2.95 0.00	64.40 2.80 -23.30	57.12 3.60 -12.96	63.79 4.12 -15.59	54.71 4.97 -1.78	54.18 4.60 -0.06	64.14 4.91 0.00	89.28 6.94 0.00	93.93 6.58 -6.66	212.36 15.30 -5.99	203.78 13.14 -23.08	125.22 8.50 0.01	77.60 5.66 4.94	80.78 5.03 5.85	59.67 3.49 5.91	59.04 3.32 3.78
PPL_SHRM_GT3 24213	46.85 1.21 0.00	42.06 2.07 0.00	41.72 2.16 0.00	40.09 1.90 0.00	37.35 1.88 0.00	37.96 1.93 0.00	42.43 2.26 0.00	40.42 2.13 0.00	44.45 2.45 0.00	63.95 2.35 -23.30	56.65 3.14 -12.96	63.34 3.67 -15.59	54.62 4.88 -1.79	53.93 4.36 -0.06	63.82 4.58 0.00	89.07 6.72 -0.01	131.01 6.91 -43.41	265.00 15.01 -58.92	323.87 12.81 -143.49	127.93 7.85 -3.36	79.31 4.78 2.35	81.66 4.31 4.26	58.74 3.03 6.38	57.52 2.58 4.56
PPL_SHRM_GT4 24214	46.85 1.21 0.00	42.06 2.07 0.00	41.72 2.16 0.00	40.09 1.90 0.00	37.35 1.88 0.00	37.96 1.93 0.00	42.43 2.26 0.00	40.42 2.13 0.00	44.45 2.45 0.00	63.95 2.35 -23.30	56.65 3.14 -12.96	63.34 3.67 -15.59	54.62 4.88 -1.79	53.93 4.36 -0.06	63.82 4.58 0.00	89.07 6.72 -0.01	131.01 6.91 -43.41	265.00 15.01 -58.92	323.87 12.81 -143.49	127.93 7.85 -3.36	79.31 4.78 2.35	81.66 4.31 4.26	58.74 3.03 6.38	57.52 2.58 4.56
PROJECT___ORANGE 1 24174	45.21 -0.43 0.00	39.54 -0.45 0.00	39.07 -0.51 -0.02	37.68 -0.51 0.00	34.97 -0.50 0.00	35.50 -0.53 0.00	39.54 -0.63 0.00	37.82 -0.46 0.00	41.48 -0.53 0.00	37.77 -0.53 0.00	39.99 -0.57 0.00	43.54 -0.54 0.00	47.44 -0.52 0.00	48.94 -0.57 0.00	59.11 -0.56 -0.44	83.89 -0.90 -2.45	83.99 -0.87 -4.18	194.52 -0.90 -5.44	166.72 -1.53 -0.69	116.12 -0.97 -0.36	76.36 -0.85 -0.33	81.48 -1.42 -1.29	61.69 -0.93 -0.53	59.18 -0.97 -0.66
PROJECT___ORANGE 2 24166	45.21 -0.43 0.00	39.54 -0.45 0.00	39.07 -0.51 -0.02	37.68 -0.51 0.00	34.97 -0.50 0.00	35.50 -0.53 0.00	39.54 -0.63 0.00	37.82 -0.46 0.00	41.48 -0.53 0.00	37.77 -0.53 0.00	39.99 -0.57 0.00	43.54 -0.54 0.00	47.44 -0.52 0.00	48.94 -0.57 0.00	59.11 -0.56 -0.44	83.89 -0.90 -2.45	83.99 -0.87 -4.18	194.52 -0.90 -5.44	166.72 -1.53 -0.69	116.12 -0.97 -0.36	76.36 -0.85 -0.33	81.48 -1.42 -1.29	61.69 -0.93 -0.53	59.18 -0.97 -0.66
PUCKETT___SOLAR 323809	46.39 0.75 0.00	40.60 0.61 0.00	40.12 0.55 -0.01	38.72 0.54 0.00	35.93 0.46 0.00	36.53 0.50 0.00	40.69 0.52 0.00	38.95 0.66 0.00	42.64 0.64 0.00	38.73 0.42 0.00	40.74 0.19 0.00	44.41 0.33 0.00	48.55 0.59 0.00	49.92 0.40 0.00	59.95 0.42 -0.30	84.60 0.58 -1.68	84.40 0.86 -2.86	196.83 2.04 -3.73	169.65 1.62 -0.47	118.57 1.59 -0.25	77.91 0.87 -0.16	81.34 0.40 0.67	63.11 0.65 -0.36	60.54 0.59 -0.45
PYRITES___HYD 24023	47.43 1.80 0.00	41.50 1.51 0.00	40.98 1.43 0.00	39.57 1.38 0.00	36.67 1.20 0.00	37.21 1.18 0.00	41.60 1.43 0.00	39.27 0.98 0.00	43.30 1.29 0.00	39.36 1.05 0.00	41.46 0.91 0.00	45.24 1.16 0.00	48.68 0.72 0.00	49.75 0.24 0.00	58.98 -0.24 0.00	81.84 -0.51 0.00	80.98 0.30 0.00	192.02 0.95 0.00	169.63 2.07 0.00	118.80 2.07 0.00	78.83 1.96 0.00	85.28 3.68 0.00	64.76 2.67 0.00	62.22 2.72 0.00
QUAKERRD_115KV_BK1 80622	44.44 -1.19 0.00	38.77 -1.22 0.00	38.25 -1.31 0.00	36.83 -1.35 0.00	34.14 -1.33 0.00	34.66 -1.38 0.00	38.58 -1.59 0.00	36.94 -1.35 0.00	40.58 -1.42 0.00	36.79 -1.52 0.00	38.83 -1.72 0.00	42.17 -1.91 0.00	45.91 -2.05 0.00	47.37 -2.15 0.00	56.88 -2.35 0.00	78.67 -3.68 0.00	77.59 -3.09 0.00	183.70 -7.37 0.00	161.39 -6.17 0.00	112.23 -4.49 0.00	71.92 -3.52 1.43	78.25 -4.47 -1.12	59.33 -2.77 0.00	57.18 -2.31 0.00
QUENSBRY_115KV_TB8 356137	48.62 2.98 0.00	42.70 2.71 0.00	42.21 2.66 0.00	40.61 2.42 0.00	37.78 2.31 0.00	38.43 2.40 0.00	42.87 2.70 0.00	41.02 2.73 0.00	44.84 2.83 0.00	40.66 2.35 0.00	42.98 2.43 0.00	46.51 2.42 0.00	50.51 2.56 0.00	52.26 2.74 0.00	63.01 3.78 0.00	88.15 5.80 0.00	85.72 5.04 0.00	204.17 13.10 0.00	180.42 12.86 0.00	125.17 8.45 0.00	82.26 5.38 0.00	86.55 4.95 0.00	65.45 3.35 0.00	62.53 3.03 0.00
RAMAPO___LBMP 323565	47.21 1.58 0.00	41.51 1.52 0.00	41.13 1.57 0.00	39.61 1.43 0.00	36.93 1.45 0.00	37.48 1.45 0.00	41.64 1.47 0.00	39.99 1.71 0.00	43.82 1.81 0.00	9.15 1.78 30.94	25.37 2.03 17.21	26.14 2.40 20.35	49.99 2.89 0.85	52.58 3.07 0.00	62.95 3.72 0.00	87.61 5.27 0.00	86.16 5.47 0.00	203.64 12.57 0.00	178.15 10.59 0.00	123.68 6.95 0.00	81.07 4.21 0.01	84.84 3.48 0.24	64.72 2.62 0.00	61.78 2.29 0.00
RANKINE____ 23646	45.17 -0.47 0.00	39.29 -0.70 0.00	38.74 -0.81 0.00	37.25 -0.94 0.00	34.41 -1.06 0.00	34.92 -1.11 0.00	38.88 -1.30 0.00	37.30 -0.99 0.00	40.98 -1.02 0.00	36.88 -1.42 0.00	38.69 -1.86 0.00	41.93 -2.16 0.00	42.87 -2.47 2.62	46.79 -2.72 0.00	49.99 -2.74 6.50	72.72 -4.61 5.02	74.03 -3.75 2.90	181.14 -9.93 0.00	159.09 -8.47 0.00	110.26 -6.47 0.00	68.87 -4.95 3.06	67.57 -6.17 7.86	58.79 -3.31 0.00	57.23 -2.27 0.00
RAVENSWOOD_GT2_1 24244	47.84 2.20 0.00	42.12 2.13 0.00	41.71 2.15 0.00	40.15 1.96 0.00	37.42 1.95 0.00	38.00 1.97 0.00	42.20 2.03 0.00	40.58 2.30 0.00	44.49 2.49 0.00	64.13 2.43 -23.39	56.35 2.79 -13.01	62.72 3.26 -15.38	52.38 3.78 -0.65	53.41 3.89 0.00	63.89 4.67 0.00	88.85 6.51 0.00	87.43 6.74 0.00	206.61 15.54 0.00	180.79 13.23 0.00	125.39 8.66 0.00	82.24 5.37 0.01	86.07 4.70 0.24	65.62 3.52 0.00	62.62 3.12 0.00
RAVENSWOOD_GT2_2 24245	47.84 2.20 0.00	42.12 2.13 0.00	41.71 2.15 0.00	40.15 1.96 0.00	37.42 1.95 0.00	38.00 1.97 0.00	42.20 2.03 0.00	40.58 2.30 0.00	44.49 2.49 0.00	64.13 2.43 -23.39	56.35 2.79 -13.01	62.72 3.26 -15.38	52.38 3.78 -0.65	53.41 3.89 0.00	63.89 4.67 0.00	88.85 6.51 0.00	87.43 6.74 0.00	206.61 15.54 0.00	180.79 13.23 0.00	125.39 8.66 0.00	82.24 5.37 0.01	86.07 4.70 0.24	65.62 3.52 0.00	62.62 3.12 0.00

RAVENSWOOD_GT2_3 24246	47.87 2.24 0.00	42.15 2.16 0.00	41.74 2.18 0.00	40.17 1.98 0.00	37.44 1.97 0.00	38.02 1.99 0.00	42.23 2.06 0.00	40.59 2.31 0.00	44.52 2.51 0.00	64.16 2.47 -23.39	56.38 2.82 -13.01	62.75 3.29 -15.38	52.42 3.82 -0.65	53.45 3.93 0.00	63.94 4.72 0.00	88.92 6.58 0.00	87.46 6.78 0.00	206.76 15.69 0.00	180.90 13.34 0.00	125.50 8.77 0.00	82.30 5.43 0.01	86.13 4.76 0.24	65.68 3.58 0.00	62.65 3.15 0.00
RAVENSWOOD_GT2_4 24247	47.87 2.24 0.00	42.15 2.16 0.00	41.74 2.18 0.00	40.17 1.98 0.00	37.44 1.97 0.00	38.02 1.99 0.00	42.23 2.06 0.00	40.59 2.31 0.00	44.52 2.51 0.00	64.16 2.47 -23.39	56.38 2.82 -13.01	62.75 3.29 -15.38	52.42 3.82 -0.65	53.45 3.93 0.00	63.94 4.72 0.00	88.92 6.58 0.00	87.46 6.78 0.00	206.76 15.69 0.00	180.90 13.34 0.00	125.50 8.77 0.00	82.30 5.43 0.01	86.13 4.76 0.24	65.68 3.58 0.00	62.65 3.15 0.00
RAVENSWOOD_GT3_1 24248	47.84 2.21 0.00	42.12 2.13 0.00	41.71 2.15 0.00	40.15 1.96 0.00	37.42 1.95 0.00	38.00 1.97 0.00	42.20 2.03 0.00	40.58 2.30 0.00	44.49 2.49 0.00	64.13 2.43 -23.39	56.35 2.79 -13.01	62.72 3.26 -15.38	52.39 3.79 -0.65	53.41 3.89 0.00	63.90 4.67 0.00	88.85 6.51 0.00	87.43 6.74 0.00	206.64 15.57 0.00	180.79 13.23 0.00	125.40 8.67 0.00	82.25 5.38 0.01	86.07 4.70 0.24	65.62 3.52 0.00	62.62 3.12 0.00
RAVENSWOOD_GT3_2 24249	47.84 2.21 0.00	42.12 2.13 0.00	41.71 2.15 0.00	40.15 1.96 0.00	37.42 1.95 0.00	38.00 1.97 0.00	42.20 2.03 0.00	40.58 2.30 0.00	44.49 2.49 0.00	64.13 2.43 -23.39	56.35 2.79 -13.01	62.72 3.26 -15.38	52.39 3.79 -0.65	53.41 3.89 0.00	63.90 4.67 0.00	88.85 6.51 0.00	87.43 6.74 0.00	206.64 15.57 0.00	180.79 13.23 0.00	125.40 8.67 0.00	82.25 5.38 0.01	86.07 4.70 0.24	65.62 3.52 0.00	62.62 3.12 0.00
RAVENSWOOD_GT3_3 24250	47.93 2.30 0.00	42.20 2.21 0.00	41.78 2.22 0.00	40.22 2.03 0.00	37.49 2.02 0.00	38.07 2.03 0.00	42.27 2.10 0.00	40.66 2.37 0.00	44.58 2.57 0.00	64.21 2.52 -23.39	56.44 2.88 -13.01	62.82 3.36 -15.38	52.49 3.89 -0.65	53.53 4.01 0.00	64.05 4.82 0.00	89.06 6.72 0.00	87.62 6.94 0.00	207.10 16.02 0.00	181.20 13.64 0.00	125.71 8.98 0.00	82.43 5.57 0.01	86.25 4.89 0.24	65.77 3.67 0.00	62.76 3.25 0.00
RAVENSWOOD_GT3_4 24251	47.93 2.30 0.00	42.20 2.21 0.00	41.78 2.22 0.00	40.22 2.03 0.00	37.49 2.02 0.00	38.07 2.03 0.00	42.27 2.10 0.00	40.66 2.37 0.00	44.58 2.57 0.00	64.21 2.52 -23.39	56.44 2.88 -13.01	62.82 3.36 -15.38	52.49 3.89 -0.65	53.53 4.01 0.00	64.05 4.82 0.00	89.06 6.72 0.00	87.62 6.94 0.00	207.10 16.02 0.00	181.20 13.64 0.00	125.71 8.98 0.00	82.43 5.57 0.01	86.25 4.89 0.24	65.77 3.67 0.00	62.76 3.25 0.00
RAVENSWOOD_GT_1 23729	47.81 2.18 0.00	42.12 2.14 0.00	41.69 2.13 0.00	40.12 1.93 0.00	37.41 1.94 0.00	37.99 1.95 0.00	42.17 2.00 0.00	40.58 2.30 0.00	44.46 2.46 0.00	64.14 2.45 -23.39	56.39 2.83 -13.01	62.76 3.30 -15.38	52.37 3.77 -0.65	53.33 3.82 0.00	63.73 4.50 0.00	88.63 6.29 0.00	87.23 6.55 0.00	206.22 15.15 0.00	180.38 12.82 0.00	125.06 8.34 0.00	82.04 5.18 0.01	85.78 4.41 0.24	65.43 3.34 0.00	62.46 2.96 0.00
RAVENSWOOD_GT_10 24258	47.86 2.22 0.00	42.12 2.13 0.00	41.72 2.16 0.00	40.15 1.96 0.00	37.42 1.95 0.00	38.01 1.97 0.00	42.21 2.04 0.00	40.58 2.29 0.00	44.49 2.49 0.00	64.13 2.44 -23.39	56.35 2.79 -13.01	62.72 3.26 -15.38	52.39 3.79 -0.65	53.41 3.89 0.00	63.90 4.67 0.00	88.88 6.54 0.00	87.43 6.75 0.00	206.69 15.62 0.00	180.85 13.29 0.00	125.42 8.69 0.00	82.28 5.41 0.01	86.08 4.71 0.24	65.63 3.53 0.00	62.64 3.14 0.00
RAVENSWOOD_GT_11 24259	47.86 2.22 0.00	42.12 2.13 0.00	41.72 2.16 0.00	40.15 1.96 0.00	37.42 1.95 0.00	38.01 1.97 0.00	42.21 2.04 0.00	40.58 2.29 0.00	44.49 2.49 0.00	64.13 2.44 -23.39	56.35 2.79 -13.01	62.72 3.26 -15.38	52.39 3.79 -0.65	53.41 3.89 0.00	63.90 4.67 0.00	88.88 6.54 0.00	87.43 6.75 0.00	206.69 15.62 0.00	180.85 13.29 0.00	125.42 8.69 0.00	82.28 5.41 0.01	86.08 4.71 0.24	65.63 3.53 0.00	62.64 3.14 0.00
RAVENSWOOD_GT_4 24252	47.85 2.21 0.00	42.12 2.13 0.00	41.71 2.15 0.00	40.15 1.96 0.00	37.42 1.95 0.00	38.00 1.97 0.00	42.21 2.04 0.00	40.58 2.30 0.00	44.49 2.49 0.00	64.14 2.44 -23.39	56.35 2.79 -13.01	62.72 3.26 -15.38	52.39 3.79 -0.65	53.41 3.89 0.00	63.90 4.67 0.00	88.86 6.52 0.00	87.43 6.75 0.00	206.67 15.59 0.00	180.84 13.28 0.00	125.41 8.68 0.00	82.25 5.39 0.01	86.07 4.70 0.24	65.63 3.53 0.00	62.62 3.12 0.00
RAVENSWOOD_GT_5 24254	47.85 2.21 0.00	42.12 2.13 0.00	41.71 2.15 0.00	40.15 1.96 0.00	37.42 1.95 0.00	38.00 1.97 0.00	42.21 2.04 0.00	40.58 2.30 0.00	44.49 2.49 0.00	64.14 2.44 -23.39	56.35 2.79 -13.01	62.72 3.26 -15.38	52.39 3.79 -0.65	53.41 3.89 0.00	63.90 4.67 0.00	88.86 6.52 0.00	87.43 6.75 0.00	206.67 15.59 0.00	180.84 13.28 0.00	125.41 8.68 0.00	82.25 5.39 0.01	86.07 4.70 0.24	65.63 3.53 0.00	62.62 3.12 0.00
RAVENSWOOD_GT_6 24253	47.85 2.21 0.00	42.12 2.13 0.00	41.71 2.15 0.00	40.15 1.96 0.00	37.42 1.95 0.00	38.00 1.97 0.00	42.21 2.04 0.00	40.58 2.30 0.00	44.49 2.49 0.00	64.14 2.44 -23.39	56.35 2.79 -13.01	62.72 3.26 -15.38	52.39 3.79 -0.65	53.41 3.89 0.00	63.90 4.67 0.00	88.86 6.52 0.00	87.43 6.75 0.00	206.67 15.59 0.00	180.84 13.28 0.00	125.41 8.68 0.00	82.25 5.39 0.01	86.07 4.70 0.24	65.63 3.53 0.00	62.62 3.12 0.00
RAVENSWOOD_GT_7 24255	47.85 2.21 0.00	42.12 2.13 0.00	41.71 2.15 0.00	40.15 1.96 0.00	37.42 1.95 0.00	38.00 1.97 0.00	42.21 2.04 0.00	40.58 2.30 0.00	44.49 2.49 0.00	64.14 2.44 -23.39	56.35 2.79 -13.01	62.72 3.26 -15.38	52.39 3.79 -0.65	53.41 3.89 0.00	63.90 4.67 0.00	88.86 6.52 0.00	87.43 6.75 0.00	206.67 15.59 0.00	180.84 13.28 0.00	125.41 8.68 0.00	82.25 5.39 0.01	86.07 4.70 0.24	65.63 3.53 0.00	62.62 3.12 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	47.86 2.22 0.00	42.12 2.13 0.00	41.72 2.16 0.00	40.15 1.96 0.00	37.42 1.95 0.00	38.01 1.97 0.00	42.21 2.04 0.00	40.58 2.29 0.00	44.49 2.49 0.00	64.13 2.44 -23.39	56.35 2.79 -13.01	62.72 3.26 -15.38	52.39 3.79 -0.65	53.41 3.89 0.00	63.90 4.67 0.00	88.88 6.54 0.00	87.43 6.75 0.00	206.69 15.62 0.00	180.85 13.29 0.00	125.42 8.69 0.00	82.28 5.41 0.01	86.08 4.71 0.24	65.63 3.53 0.00	62.64 3.14 0.00
RAVENSWOOD_GT_9 24257	47.86 2.22 0.00	42.12 2.13 0.00	41.72 2.16 0.00	40.15 1.96 0.00	37.42 1.95 0.00	38.01 1.97 0.00	42.21 2.04 0.00	40.58 2.29 0.00	44.49 2.49 0.00	64.13 2.44 -23.39	56.35 2.79 -13.01	62.72 3.26 -15.38	52.39 3.79 -0.65	53.41 3.89 0.00	63.90 4.67 0.00	88.88 6.54 0.00	87.43 6.75 0.00	206.69 15.62 0.00	180.85 13.29 0.00	125.42 8.69 0.00	82.28 5.41 0.01	86.08 4.71 0.24	65.63 3.53 0.00	62.64 3.14 0.00

RAVENSWOOD___1 23533	47.69 2.05 0.00	42.01 2.02 0.00	41.57 2.01 0.00	40.01 1.82 0.00	37.31 1.84 0.00	37.90 1.86 0.00	42.06 1.88 0.00	40.47 2.19 0.00	44.34 2.34 0.00	64.04 2.35 -23.39	56.28 2.72 -13.01	62.63 3.17 -15.38	52.23 3.62 -0.65	53.19 3.67 0.00	63.53 4.31 0.00	88.39 6.04 0.00	87.01 6.33 0.00	205.69 14.62 0.00	179.89 12.33 0.00	124.71 7.99 0.00	81.83 4.97 0.01	85.57 4.20 0.24	65.24 3.15 0.00	62.30 2.80 0.00
RAVENSWOOD___2 23534	47.58 1.94 0.00	41.91 1.92 0.00	41.50 1.95 0.00	39.94 1.75 0.00	37.27 1.80 0.00	37.86 1.83 0.00	41.97 1.79 0.00	40.39 2.11 0.00	44.25 2.24 0.00	63.96 2.27 -23.39	56.19 2.63 -13.01	62.54 3.07 -15.38	52.11 3.51 -0.65	53.06 3.55 0.00	63.35 4.12 0.00	87.90 5.56 0.00	86.42 5.75 0.00	204.31 13.23 0.00	178.68 11.12 0.00	123.90 7.17 0.00	81.29 4.43 0.01	84.98 3.62 0.24	64.83 2.73 0.00	61.92 2.43 0.00
RAVENSWOOD___3 23535	47.85 2.22 0.00	42.12 2.13 0.00	41.71 2.15 0.00	40.14 1.95 0.00	37.42 1.95 0.00	38.00 1.97 0.00	42.20 2.03 0.00	40.58 2.30 0.00	44.49 2.49 0.00	64.13 2.44 -23.39	56.36 2.79 -13.01	62.72 3.26 -15.38	52.38 3.78 -0.65	53.40 3.89 0.00	63.90 4.67 0.00	88.85 6.51 0.00	87.42 6.74 0.00	206.68 15.61 0.00	180.83 13.27 0.00	125.40 8.67 0.00	82.25 5.38 0.01	86.08 4.71 0.24	65.62 3.53 0.00	62.63 3.13 0.00
RAVENSWOOD___4 23820	47.69 2.05 0.00	42.01 2.02 0.00	41.57 2.01 0.00	40.01 1.82 0.00	37.31 1.84 0.00	37.90 1.86 0.00	42.06 1.88 0.00	40.47 2.19 0.00	44.34 2.34 0.00	64.04 2.35 -23.39	56.28 2.72 -13.01	62.63 3.17 -15.38	52.23 3.62 -0.65	53.19 3.67 0.00	63.53 4.31 0.00	88.39 6.04 0.00	87.01 6.33 0.00	205.69 14.62 0.00	179.89 12.33 0.00	124.71 7.99 0.00	81.83 4.97 0.01	85.57 4.20 0.24	65.24 3.15 0.00	62.30 2.80 0.00
RCPL_TRUST___DRP 24196	47.86 2.22 0.00	42.12 2.14 0.00	41.72 2.17 0.00	40.15 1.96 0.00	37.43 1.95 0.00	38.01 1.98 0.00	42.21 2.04 0.00	40.58 2.30 0.00	44.52 2.51 0.00	64.22 2.47 -23.45	56.42 2.82 -13.04	62.80 3.30 -15.42	52.43 3.82 -0.65	53.45 3.94 0.00	63.95 4.72 0.00	88.91 6.57 0.00	87.46 6.78 0.00	206.70 15.63 0.00	180.85 13.29 0.00	125.43 8.70 0.00	82.27 5.40 0.01	86.07 4.70 0.24	65.62 3.52 0.00	62.62 3.12 0.00
RED___ROCHESTER 323720	45.79 0.16 0.00	39.89 -0.10 0.00	39.34 -0.22 0.00	37.86 -0.33 0.00	35.07 -0.40 0.00	35.59 -0.44 0.00	39.63 -0.54 0.00	37.97 -0.32 0.00	41.72 -0.28 0.00	37.79 -0.51 0.00	39.84 -0.71 0.00	43.33 -0.75 0.00	47.22 -0.73 0.00	48.69 -0.82 0.00	58.55 -0.68 0.00	80.95 -1.39 0.00	80.04 -0.64 0.00	189.26 -1.81 0.00	166.21 -1.36 0.00	115.43 -1.29 0.00	73.93 -1.46 1.49	80.18 -2.44 -1.01	61.10 -1.00 0.00	58.92 -0.58 0.00
REGAN___SOLAR 323812	48.58 2.95 0.00	42.48 2.49 0.00	41.93 2.38 0.00	40.40 2.21 0.00	37.52 2.05 0.00	38.12 2.09 0.00	42.45 2.27 0.00	40.18 1.90 0.00	43.82 1.82 0.00	40.14 1.84 0.00	41.84 1.29 0.00	45.35 1.26 0.00	49.02 1.07 0.00	50.53 1.02 0.00	61.61 2.37 0.00	86.08 3.74 0.00	82.31 1.63 0.00	196.62 5.55 0.00	174.29 6.73 0.00	123.91 7.18 0.00	82.41 5.54 0.01	86.84 5.47 0.23	66.19 4.09 0.00	63.24 3.74 0.00
RENSSELAER___COGEN 23796	46.20 0.56 0.00	40.63 0.64 0.00	40.31 0.75 0.00	38.90 0.71 0.00	36.21 0.74 0.00	36.82 0.78 0.00	40.92 0.75 0.00	39.17 0.89 0.00	42.78 0.78 0.00	38.99 0.69 0.00	41.30 0.75 0.00	44.80 0.71 0.00	48.88 0.92 0.00	50.60 1.08 0.00	60.64 1.41 0.00	84.31 1.96 0.00	82.40 1.72 0.00	195.22 4.15 0.00	171.38 3.82 0.00	119.22 2.49 0.00	78.33 1.45 0.00	82.47 0.86 0.00	62.73 0.63 0.00	59.97 0.47 0.00
REPUBLIC_115KV_BARTNBRK 55605	51.69 6.05 0.00	45.37 5.39 0.00	44.93 5.37 0.00	42.93 4.74 0.00	39.99 4.52 0.00	40.69 4.66 0.00	45.72 5.54 0.00	43.70 5.42 0.00	47.38 5.37 0.00	42.46 4.16 0.00	45.45 4.90 0.00	49.00 4.91 0.00	52.76 4.81 0.00	54.65 5.14 0.00	66.43 7.20 0.00	92.66 10.31 0.00	90.75 10.07 0.00	216.50 25.42 0.00	189.75 22.19 0.00	130.80 14.08 0.00	86.00 9.12 0.00	90.90 9.30 0.00	68.66 6.56 0.00	65.40 5.90 0.00
REVERE_CPPR_DRP 24186	47.57 1.94 0.00	41.61 1.62 0.00	41.10 1.53 -0.01	39.61 1.42 0.00	36.78 1.31 0.00	37.36 1.33 0.00	41.65 1.48 0.00	39.72 1.43 0.00	43.67 1.67 0.00	39.78 1.48 0.00	41.98 1.43 0.00	45.64 1.56 0.00	49.82 1.86 0.00	51.42 1.90 -0.22	61.29 1.84 -0.22	86.34 2.78 -1.22	85.56 2.80 -2.08	201.00 7.22 -2.71	174.61 6.70 -0.34	122.48 5.57 -0.18	80.70 3.66 -0.17	85.76 3.52 -0.64	64.94 2.59 -0.26	62.17 2.34 -0.33
REYNLDPA_13_KV_LD 356490	46.10 0.47 0.00	40.38 0.39 0.00	39.91 0.35 0.00	38.58 0.39 0.00	35.77 0.30 0.00	36.30 0.27 0.00	40.54 0.37 0.00	38.37 0.08 0.00	42.26 0.26 0.00	38.53 0.22 0.00	40.77 0.22 0.00	44.28 0.20 0.00	47.89 -0.07 0.00	49.33 -0.18 0.00	58.77 -0.46 0.00	81.84 -0.50 0.00	80.59 -0.09 0.00	190.04 -1.03 0.00	165.34 -2.22 0.00	115.22 -1.51 0.00	76.10 -0.77 0.00	82.47 0.86 0.00	62.83 0.74 0.00	60.44 0.94 0.00
REYNOLDS_115KV_TB3 80639	46.59 0.95 0.00	40.97 0.98 0.00	40.66 1.10 0.00	39.21 1.02 0.00	36.50 1.03 0.00	37.13 1.10 0.00	41.28 1.10 0.00	39.50 1.22 0.00	43.15 1.15 0.00	39.33 1.03 0.00	41.67 1.12 0.00	45.19 1.11 0.00	49.31 1.36 0.00	51.04 1.53 0.00	61.18 1.96 0.00	85.03 2.70 0.00	83.07 2.39 0.00	196.97 5.90 0.00	172.84 5.27 0.00	120.20 3.47 0.00	78.96 2.08 0.00	83.10 1.49 0.00	63.23 1.13 0.00	60.46 0.96 0.00
RIVERBAY____ 323610	49.31 3.68 0.00	43.45 3.45 0.00	43.03 3.48 0.00	41.42 3.23 0.00	38.62 3.15 0.00	39.22 3.19 0.00	43.53 3.35 0.00	41.88 3.59 0.00	45.88 3.88 0.00	65.37 3.68 -23.39	57.65 4.08 -13.01	64.22 4.75 -15.38	53.98 5.38 -0.65	55.02 5.51 0.00	65.82 6.60 0.00	91.80 9.46 0.00	90.35 9.67 0.00	213.53 22.46 0.00	186.87 19.31 0.00	129.49 12.76 0.00	84.98 8.11 0.01	88.86 7.49 0.24	67.79 5.70 0.00	64.71 5.21 0.00
RIVERSDE_115KV_TB3 55908	46.45 0.82 0.00	40.86 0.86 0.00	40.53 0.98 0.00	39.10 0.91 0.00	36.40 0.93 0.00	37.01 0.98 0.00	41.15 0.98 0.00	39.39 1.10 0.00	43.03 1.03 0.00	39.23 0.93 0.00	41.57 1.02 0.00	45.07 0.99 0.00	49.20 1.24 0.00	50.93 1.42 0.00	61.04 1.82 0.00	84.89 2.55 0.00	82.88 2.20 0.00	196.55 5.48 0.00	172.49 4.93 0.00	119.94 3.21 0.00	78.80 1.93 0.00	82.94 1.33 0.00	63.10 1.00 0.00	60.31 0.81 0.00
ROARING___BROOK_WT_PWR 323790	45.68 0.05 0.00	40.03 0.04 0.00	39.57 0.01 0.00	38.14 -0.05 0.00	35.45 -0.02 0.00	36.00 -0.03 0.00	40.17 0.00 0.00	38.24 -0.04 0.00	41.94 -0.07 0.00	38.29 -0.01 0.00	40.49 -0.07 0.00	43.92 -0.16 0.00	47.62 -0.33 0.00	49.08 -0.44 0.00	58.79 -0.43 0.00	81.85 -0.49 0.00	80.48 -0.20 0.00	190.56 -0.51 0.00	167.14 -0.42 0.00	116.48 -0.25 0.00	76.72 -0.15 0.00	81.58 -0.03 0.00	62.08 -0.01 0.00	59.55 0.05 0.00

ROCHESRG_115KV_T4 355643	45.23 -0.41 0.00	39.44 -0.55 0.00	38.89 -0.67 0.00	37.45 -0.73 0.00	34.70 -0.77 0.00	35.22 -0.81 0.00	39.20 -0.97 0.00	37.54 -0.75 0.00	41.25 -0.75 0.00	37.34 -0.97 0.00	39.34 -1.21 0.00	42.72 -1.36 0.00	46.49 -1.47 0.00	47.95 -1.57 0.00	57.62 -1.61 0.00	79.59 -2.75 0.00	78.60 -2.08 0.00	185.90 -5.17 0.00	163.24 -4.32 0.00	113.39 -3.34 0.00	72.64 -2.78 1.45	79.13 -3.73 -1.26	60.10 -2.00 0.00	58.05 -1.45 0.00
ROCHESTER_9_IC 23652	45.52 -0.11 0.00	39.68 -0.31 0.00	39.12 -0.43 0.00	37.67 -0.52 0.00	34.90 -0.57 0.00	35.41 -0.62 0.00	39.43 -0.74 0.00	37.77 -0.52 0.00	41.49 -0.51 0.00	37.57 -0.73 0.00	39.60 -0.96 0.00	43.03 -1.05 0.00	46.84 -1.12 0.00	48.32 -1.20 0.00	58.08 -1.15 0.00	80.27 -2.07 0.00	79.30 -1.38 0.00	187.62 -3.45 0.00	164.76 -2.80 0.00	114.45 -2.27 0.00	73.28 -2.11 1.49	79.57 -3.04 -1.01	60.60 -1.50 0.00	58.48 -1.02 0.00
ROCKVIEW_13_KV_LD 356306	47.99 2.36 0.00	42.25 2.26 0.00	41.82 2.27 0.00	40.28 2.09 0.00	37.53 2.06 0.00	38.10 2.07 0.00	42.33 2.16 0.00	40.68 2.40 0.00	44.60 2.60 0.00	64.27 2.54 -23.43	56.49 2.90 -13.03	62.88 3.39 -15.41	52.53 3.93 -0.65	53.57 4.06 0.00	64.12 4.90 0.00	89.20 6.86 0.00	87.76 7.08 0.00	207.51 16.44 0.00	181.63 14.07 0.00	125.96 9.24 0.00	82.59 5.73 0.01	86.47 5.10 0.24	65.93 3.83 0.00	62.88 3.39 0.00
ROME____115KV_TB2 80656	47.57 1.94 0.00	41.61 1.62 0.00	41.10 1.53 -0.01	39.61 1.42 0.00	36.78 1.31 0.00	37.36 1.33 0.00	41.65 1.48 0.00	39.72 1.43 0.00	43.67 1.67 0.00	39.78 1.48 0.00	41.98 1.43 0.00	45.64 1.56 0.00	49.82 1.86 0.00	51.42 1.90 0.00	61.29 1.84 -0.22	86.34 2.78 -1.22	85.56 2.80 -2.08	201.00 7.22 -2.71	174.61 6.70 -0.34	122.48 5.57 -0.18	80.70 3.66 -0.17	85.76 3.52 -0.64	64.94 2.59 -0.26	62.17 2.34 -0.33
ROSETON___1 23587	47.10 1.47 0.00	41.43 1.44 0.00	41.04 1.48 0.00	39.53 1.34 0.00	36.82 1.35 0.00	37.40 1.37 0.00	41.57 1.40 0.00	39.89 1.61 0.00	43.71 1.71 0.00	39.98 1.68 0.00	42.46 1.91 0.00	46.28 2.19 0.00	50.54 2.58 0.00	52.22 2.71 0.00	62.48 3.25 0.00	86.90 4.55 0.00	85.37 4.69 0.00	201.96 10.89 0.00	177.00 9.44 0.00	122.87 6.14 0.00	80.65 3.79 0.01	84.47 3.10 0.23	64.43 2.33 0.00	61.54 2.04 0.00
ROSETON___2 23588	47.10 1.47 0.00	41.43 1.44 0.00	41.04 1.48 0.00	39.53 1.34 0.00	36.82 1.35 0.00	37.40 1.37 0.00	41.57 1.40 0.00	39.89 1.61 0.00	43.71 1.71 0.00	39.98 1.68 0.00	42.46 1.91 0.00	46.28 2.19 0.00	50.54 2.58 0.00	52.22 2.71 0.00	62.48 3.25 0.00	86.90 4.55 0.00	85.37 4.69 0.00	201.96 10.89 0.00	177.00 9.44 0.00	122.87 6.14 0.00	80.65 3.79 0.01	84.47 3.10 0.23	64.43 2.33 0.00	61.54 2.04 0.00
ROTRRDAM_115KV_TB3 80664	46.84 1.20 0.00	41.11 1.12 0.00	40.70 1.14 0.00	39.23 1.04 0.00	36.47 1.00 0.00	37.07 1.05 0.00	41.28 1.11 0.00	39.43 1.15 0.00	43.16 1.15 0.00	39.37 1.07 0.00	41.66 1.11 0.00	45.19 1.11 0.00	49.26 1.30 0.00	50.96 1.45 0.00	61.11 1.88 0.00	85.17 2.83 0.00	82.93 2.25 0.00	196.84 5.76 0.00	172.99 5.43 0.00	120.57 3.84 0.00	79.36 2.48 0.00	83.67 2.06 0.00	63.66 1.56 0.00	60.92 1.42 0.00
RUSSELL___1 23602	45.79 0.16 0.00	39.89 -0.10 0.00	39.34 -0.22 0.00	37.86 -0.33 0.00	35.07 -0.40 0.00	35.59 -0.44 0.00	39.63 -0.54 0.00	37.96 -0.33 0.00	41.72 -0.28 0.00	37.79 -0.51 0.00	39.84 -0.71 0.00	43.33 -0.76 0.00	47.20 -0.75 0.00	48.68 -0.83 0.00	58.55 -0.68 0.00	80.95 -1.39 0.00	80.02 -0.66 0.00	189.26 -1.81 0.00	166.20 -1.36 0.00	115.43 -1.29 0.00	73.92 -1.47 1.49	80.23 -2.39 -1.01	61.10 -1.00 0.00	58.91 -0.59 0.00
RUSSELL___2 23532	45.79 0.16 0.00	39.89 -0.10 0.00	39.34 -0.22 0.00	37.86 -0.33 0.00	35.07 -0.40 0.00	35.59 -0.44 0.00	39.63 -0.54 0.00	37.96 -0.33 0.00	41.72 -0.28 0.00	37.79 -0.51 0.00	39.84 -0.71 0.00	43.33 -0.76 0.00	47.20 -0.75 0.00	48.68 -0.83 0.00	58.55 -0.68 0.00	80.95 -1.39 0.00	80.02 -0.66 0.00	189.26 -1.81 0.00	166.20 -1.36 0.00	115.43 -1.29 0.00	73.92 -1.47 1.49	80.23 -2.39 -1.01	61.10 -1.00 0.00	58.91 -0.59 0.00
RUSSELL___3 23549	45.79 0.16 0.00	39.89 -0.10 0.00	39.34 -0.22 0.00	37.86 -0.33 0.00	35.07 -0.40 0.00	35.59 -0.44 0.00	39.63 -0.54 0.00	37.96 -0.33 0.00	41.72 -0.28 0.00	37.79 -0.51 0.00	39.84 -0.71 0.00	43.33 -0.76 0.00	47.20 -0.75 0.00	48.68 -0.83 0.00	58.55 -0.68 0.00	80.95 -1.39 0.00	80.02 -0.66 0.00	189.26 -1.81 0.00	166.20 -1.36 0.00	115.43 -1.29 0.00	73.92 -1.47 1.49	80.23 -2.39 -1.01	61.10 -1.00 0.00	58.91 -0.59 0.00
RUSSELL___4 23556	45.79 0.16 0.00	39.89 -0.10 0.00	39.34 -0.22 0.00	37.86 -0.33 0.00	35.07 -0.40 0.00	35.59 -0.44 0.00	39.63 -0.54 0.00	37.96 -0.33 0.00	41.72 -0.28 0.00	37.79 -0.51 0.00	39.84 -0.71 0.00	43.33 -0.76 0.00	47.20 -0.75 0.00	48.68 -0.83 0.00	58.55 -0.68 0.00	80.95 -1.39 0.00	80.02 -0.66 0.00	189.26 -1.81 0.00	166.20 -1.36 0.00	115.43 -1.29 0.00	73.92 -1.47 1.49	80.23 -2.39 -1.01	61.10 -1.00 0.00	58.91 -0.59 0.00
RUSSELL___STATION 23914	45.79 0.16 0.00	39.89 -0.10 0.00	39.34 -0.22 0.00	37.86 -0.33 0.00	35.07 -0.40 0.00	35.59 -0.44 0.00	39.63 -0.54 0.00	37.96 -0.33 0.00	41.72 -0.28 0.00	37.79 -0.51 0.00	39.84 -0.71 0.00	43.33 -0.76 0.00	47.20 -0.75 0.00	48.68 -0.83 0.00	58.55 -0.68 0.00	80.95 -1.39 0.00	80.02 -0.66 0.00	189.26 -1.81 0.00	166.20 -1.36 0.00	115.43 -1.29 0.00	73.92 -1.47 1.49	80.23 -2.39 -1.01	61.10 -1.00 0.00	58.91 -0.59 0.00
S SALMON___HYD 24043	45.95 0.31 0.00	40.17 0.18 0.00	39.70 0.10 -0.04	38.23 0.05 0.00	35.47 0.00 0.00	35.96 -0.07 0.00	40.04 -0.14 0.00	38.26 -0.02 0.00	41.98 -0.03 0.00	38.21 -0.09 0.00	40.54 -0.02 0.00	44.09 0.01 0.00	47.97 0.02 0.00	49.24 -0.27 0.00	60.03 -0.15 -0.96	86.97 -0.65 -5.28	88.70 -0.98 -9.00	201.24 -1.56 -11.73	168.54 -0.51 -1.48	118.04 0.53 -0.78	77.87 0.27 -0.72	84.48 0.09 -2.78	63.42 0.19 -1.14	61.02 0.10 -1.42
S.PERRY__115KV_TB1 80734	47.25 1.62 0.00	41.14 1.15 0.00	40.46 0.91 0.00	38.94 0.75 0.00	36.04 0.57 0.00	36.57 0.54 0.00	40.74 0.57 0.00	38.95 0.66 0.00	42.61 0.61 0.00	38.57 0.27 0.00	40.70 0.15 0.00	43.50 -0.58 -8.90	55.99 -0.86 0.00	48.82 -0.70 0.00	80.46 -0.85 -22.09	97.99 -1.39 -17.03	89.53 -0.98 -9.83	190.84 -0.24 0.00	168.49 0.93 0.00	117.21 0.48 0.00	73.37 0.41 3.92	79.36 -0.10 2.15	62.68 0.58 0.00	60.17 0.67 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	44.80 -0.84 0.00	39.00 -0.99 0.00	38.47 -1.09 0.00	36.98 -1.21 0.00	34.18 -1.29 0.00	34.68 -1.35 0.00	38.59 -1.59 0.00	37.00 -1.29 0.00	40.66 -1.34 0.00	36.55 -1.76 0.00	38.34 -2.21 0.00	41.52 -2.56 0.00	42.55 -2.90 2.51	46.35 -3.16 6.23	49.66 -3.34 0.00	71.96 -5.58 4.80	73.34 -4.57 2.77	179.11 -11.96 0.00	157.21 -10.35 0.00	108.89 -7.84 0.00	68.09 -5.89 2.89	65.72 -7.18 8.70	58.15 -3.95 0.00	56.74 -2.76 0.00

SAWYER___23_KV_LOAD 55526	44.80 -0.84 0.00	39.00 -0.99 0.00	38.47 -1.09 0.00	36.98 -1.21 0.00	34.18 -1.29 0.00	34.68 -1.35 0.00	38.59 -1.59 0.00	37.00 -1.29 0.00	40.66 -1.34 0.00	36.55 -1.76 0.00	38.34 -2.21 0.00	41.52 -2.56 0.00	42.55 -2.90 2.51	46.35 -3.16 0.00	49.66 -3.34 6.23	71.96 -5.58 4.80	73.34 -4.57 2.77	179.11 -11.96 0.00	157.21 -10.35 0.00	108.89 -7.84 0.00	68.09 -5.89 2.89	65.72 -7.18 8.70	58.15 -3.95 0.00	56.74 -2.76 0.00
SELKIRK___I 23801	46.53 0.90 0.00	40.90 0.91 0.00	40.54 0.98 0.00	39.13 0.94 0.00	36.40 0.93 0.00	37.00 0.96 0.00	41.15 0.98 0.00	39.36 1.07 0.00	42.95 0.95 0.00	39.12 0.81 0.00	41.39 0.83 0.00	44.92 0.84 0.00	49.01 1.05 0.00	50.69 1.18 0.00	60.81 1.59 0.00	84.55 2.21 0.00	82.48 1.80 0.00	195.50 4.43 0.00	171.76 4.20 0.00	119.65 2.92 0.00	78.71 1.83 0.00	82.95 1.34 0.00	63.15 1.05 0.00	60.44 0.94 0.00
SELKIRK___II 23799	46.30 0.66 0.00	40.69 0.71 0.00	40.34 0.79 0.00	38.92 0.73 0.00	36.22 0.75 0.00	36.82 0.78 0.00	40.95 0.77 0.00	39.18 0.90 0.00	42.83 0.83 0.00	39.05 0.75 0.00	41.37 0.82 0.00	44.91 0.83 0.00	48.99 1.04 0.00	50.68 1.17 0.00	60.72 1.50 0.00	84.41 2.07 0.00	82.54 1.86 0.00	195.56 4.48 0.00	171.56 4.00 0.00	119.34 2.62 0.00	78.48 1.60 0.00	82.66 1.06 0.00	62.91 0.81 0.00	60.19 0.69 0.00
SENECA OSWGO___HYD 24041	44.91 -0.72 0.00	39.29 -0.70 0.00	38.88 -0.74 -0.06	37.44 -0.75 0.00	34.75 -0.72 0.00	35.28 -0.75 0.00	39.30 -0.87 0.00	37.58 -0.70 0.00	41.22 -0.79 0.00	37.54 -0.76 0.00	39.75 -0.80 0.00	43.26 -0.82 0.00	47.12 -0.83 0.00	48.59 -0.93 0.00	59.70 -0.98 -1.45	88.88 -1.45 -7.99	92.80 -1.50 -13.62	205.30 -3.51 -17.75	167.05 -2.75 -2.24	116.20 -1.71 -1.19	76.71 -1.26 -1.09	84.00 -1.82 -4.21	62.55 -1.26 -1.72	60.35 -1.29 -2.14
SENECA___115KV_TB3 355854	45.24 -0.39 0.00	39.36 -0.62 0.00	38.81 -0.74 0.00	37.32 -0.87 0.00	34.46 -1.01 0.00	34.98 -1.05 0.00	38.93 -1.24 0.00	37.37 -0.92 0.00	41.05 -0.96 0.00	36.96 -1.35 0.00	38.76 -1.79 0.00	42.01 -2.07 0.00	42.96 -2.38 2.62	46.89 -2.62 0.00	50.10 -2.63 6.50	72.88 -4.44 5.02	74.19 -3.59 2.90	181.52 -9.55 0.00	159.43 -8.13 0.00	110.49 -6.23 0.00	69.01 -4.81 3.06	67.73 -6.02 7.86	58.91 -3.18 0.00	57.32 -2.18 0.00
SENECA___ENERGY 23797	45.82 0.19 0.00	39.95 -0.04 0.00	39.44 -0.15 -0.02	38.01 -0.18 0.00	35.24 -0.23 0.00	35.77 -0.26 0.00	39.85 -0.32 0.00	38.16 -0.13 0.00	41.77 -0.23 0.00	37.94 -0.36 0.00	40.15 -0.40 0.00	43.69 -0.39 0.00	48.00 -0.58 -0.62	48.88 -0.63 0.00	60.68 -0.68 -2.13	85.71 -1.16 -4.53	86.06 -1.02 -6.40	196.71 -1.82 -7.46	167.14 -1.37 -0.94	116.73 -0.49 -0.50	76.72 -0.61 -0.46	82.10 -1.28 -1.77	62.16 -0.66 -0.72	59.74 -0.66 -0.90
SHOEMAKER___GT 23640	47.06 1.42 0.00	41.33 1.34 0.00	40.93 1.37 0.00	39.42 1.23 0.00	36.72 1.24 0.00	37.29 1.25 0.00	41.44 1.27 0.00	39.75 1.47 0.00	43.55 1.55 0.00	19.79 1.52 20.02	31.11 1.69 11.14	32.88 1.97 13.17	49.66 2.26 0.55	51.91 2.40 0.00	62.13 2.91 0.00	86.72 4.38 0.00	85.08 4.40 0.00	201.39 10.31 0.00	176.72 9.16 0.00	122.73 6.01 0.00	80.57 3.71 0.01	84.41 3.06 0.25	64.38 2.28 0.00	61.50 2.00 0.00
SHOEMAKR_138KV_BK 111 55601	47.03 1.39 0.00	41.31 1.32 0.00	40.91 1.35 0.00	39.40 1.22 0.00	36.71 1.24 0.00	37.28 1.24 0.00	41.42 1.24 0.00	39.74 1.45 0.00	43.54 1.54 0.00	20.67 1.51 19.13	31.61 1.70 10.64	33.48 1.98 12.59	49.73 2.31 0.53	51.96 2.44 0.00	62.20 2.98 0.00	86.74 4.40 0.00	85.13 4.45 0.00	201.48 10.40 0.00	176.63 9.07 0.00	122.68 5.95 0.00	80.52 3.66 0.01	84.36 3.01 0.26	64.35 2.26 0.00	61.45 1.96 0.00
SHOREHAM_IC_1 23715	46.85 1.21 0.00	42.06 2.07 0.00	41.72 2.16 0.00	40.09 1.90 0.00	37.35 1.88 0.00	37.96 1.93 0.00	42.43 2.26 0.00	40.42 2.13 0.00	44.45 2.45 0.00	63.95 2.35 -23.30	56.65 3.14 -12.96	63.34 3.67 -15.59	54.62 4.88 -1.79	53.93 4.36 -0.06	63.82 4.58 0.00	89.07 6.72 -0.01	131.01 6.91 -43.41	265.00 15.01 -58.92	323.87 12.81 -143.49	127.93 7.85 -3.36	79.31 4.78 2.35	81.66 4.31 4.26	58.74 3.03 6.38	57.52 2.58 4.56
SHOREHAM_IC_2 23716	46.84 1.21 0.00	42.06 2.07 0.00	41.73 2.17 0.00	40.09 1.90 0.00	37.35 1.88 0.00	37.96 1.93 0.00	42.43 2.26 0.00	40.42 2.13 0.00	44.46 2.45 0.00	63.96 2.36 -23.30	56.65 3.13 -12.96	63.34 3.67 -15.59	54.63 4.88 -1.79	54.00 4.43 -0.06	63.82 4.59 0.00	89.01 6.67 -0.01	130.98 6.89 -43.41	265.00 15.01 -58.92	323.86 12.80 -143.50	127.93 7.85 -3.36	79.31 4.78 2.35	81.63 4.28 4.26	58.85 3.14 6.38	57.84 2.90 4.56
SISSONVILLE___ 23735	46.70 1.07 0.00	40.87 0.87 0.00	40.38 0.82 0.00	39.00 0.81 0.00	36.14 0.67 0.00	36.69 0.66 0.00	40.99 0.82 0.00	38.74 0.45 0.00	42.68 0.67 0.00	38.88 0.58 0.00	41.09 0.53 0.00	44.67 0.59 0.00	48.22 0.26 0.00	49.46 -0.06 0.00	58.94 -0.41 -0.12	82.43 -0.60 -0.68	81.75 -0.09 -1.17	192.01 -0.58 -1.52	167.85 0.10 -0.19	117.47 0.65 -0.10	77.74 0.77 -0.09	84.17 2.21 -0.36	63.78 1.54 -0.15	61.38 1.70 -0.18
SITHE_IND_GS1 24169	44.30 -1.34 0.00	38.77 -1.22 0.00	38.14 -1.25 0.17	36.98 -1.21 0.00	34.33 -1.14 0.00	34.87 -1.16 0.00	38.85 -1.33 0.00	37.11 -1.18 0.00	40.67 -1.33 0.00	37.07 -1.23 0.00	39.22 -1.33 0.00	42.64 -1.44 0.00	46.43 -1.52 0.00	47.90 -1.61 0.00	53.15 -1.87 4.21	56.43 -2.70 23.21	38.47 -2.63 39.58	133.29 -6.21 51.58	155.83 -5.22 6.51	109.74 -3.55 3.45	71.23 -2.48 3.17	66.62 -2.98 12.01	54.97 -2.13 4.99	51.21 -2.06 6.23
SITHE_IND_GS2 24170	44.30 -1.34 0.00	38.77 -1.22 0.00	38.14 -1.25 0.17	36.98 -1.21 0.00	34.33 -1.14 0.00	34.87 -1.16 0.00	38.85 -1.33 0.00	37.11 -1.18 0.00	40.67 -1.33 0.00	37.07 -1.23 0.00	39.22 -1.33 0.00	42.64 -1.44 0.00	46.43 -1.52 0.00	47.90 -1.61 0.00	53.15 -1.87 4.21	56.43 -2.70 23.21	38.47 -2.63 39.58	133.29 -6.21 51.58	155.83 -5.22 6.51	109.74 -3.55 3.45	71.23 -2.48 3.17	66.62 -2.98 12.01	54.97 -2.13 4.99	51.21 -2.06 6.23
SITHE_IND_GS3 24171	44.30 -1.34 0.00	38.77 -1.22 0.00	38.14 -1.25 0.17	36.98 -1.21 0.00	34.33 -1.14 0.00	34.87 -1.16 0.00	38.85 -1.33 0.00	37.11 -1.18 0.00	40.67 -1.33 0.00	37.07 -1.23 0.00	39.22 -1.33 0.00	42.64 -1.44 0.00	46.43 -1.52 0.00	47.90 -1.61 0.00	53.15 -1.87 4.21	56.43 -2.70 23.21	38.47 -2.63 39.58	133.29 -6.21 51.58	155.83 -5.22 6.51	109.74 -3.55 3.45	71.23 -2.48 3.17	66.62 -2.98 12.01	54.97 -2.13 4.99	51.21 -2.06 6.23
SITHE_IND_GS4 24172	44.30 -1.34 0.00	38.77 -1.22 0.00	38.14 -1.25 0.17	36.98 -1.21 0.00	34.33 -1.14 0.00	34.87 -1.16 0.00	38.85 -1.33 0.00	37.11 -1.18 0.00	40.67 -1.33 0.00	37.07 -1.23 0.00	39.22 -1.33 0.00	42.64 -1.44 0.00	46.43 -1.52 0.00	47.90 -1.61 0.00	53.15 -1.87 4.21	56.43 -2.70 23.21	38.47 -2.63 39.58	133.29 -6.21 51.58	155.83 -5.22 6.51	109.74 -3.55 3.45	71.23 -2.48 3.17	66.62 -2.98 12.01	54.97 -2.13 4.99	51.21 -2.06 6.23

SITHE___BATAVIA 24024	46.16 0.53 0.00	40.20 0.21 0.00	39.62 0.06 0.00	38.09 -0.10 0.00	35.24 -0.23 0.00	35.75 -0.28 0.00	39.80 -0.38 0.00	38.16 -0.13 0.00	41.98 -0.03 0.00	37.63 -0.67 0.00	39.33 -1.22 0.00	42.63 -1.46 0.00	44.93 -1.71 1.32	47.57 -1.95 0.00	54.08 -1.86 3.28	76.46 -3.35 2.54	76.93 -2.29 1.46	184.79 -6.28 0.00	162.80 -4.76 0.00	113.41 -3.31 0.00	72.05 -2.63 2.19	73.71 -3.80 4.10	60.44 -1.65 0.00	58.77 -0.73 0.00
SITHE___INDEPEND 23800	44.30 -1.33 0.00	38.77 -1.22 0.00	38.14 -1.25 0.17	36.98 -1.21 0.00	34.33 -1.14 0.00	34.87 -1.16 0.00	38.85 -1.33 0.00	37.11 -1.18 0.00	40.67 -1.33 0.00	37.07 -1.23 0.00	39.21 -1.34 0.00	42.64 -1.44 0.00	46.43 -1.53 0.00	47.91 -1.61 0.00	53.15 -1.87 4.21	56.42 -2.71 23.21	38.47 -2.64 39.58	133.29 -6.21 51.58	155.83 -5.22 6.51	109.74 -3.54 3.45	71.23 -2.48 3.17	66.62 -2.98 12.01	54.97 -2.13 4.99	51.21 -2.06 6.23
SITHE___MASSENA 23902	46.18 0.55 0.00	40.43 0.44 0.00	39.97 0.41 0.00	38.64 0.45 0.00	35.82 0.35 0.00	36.36 0.33 0.00	40.61 0.43 0.00	38.41 0.12 0.00	42.31 0.31 0.00	38.56 0.26 0.00	40.80 0.25 0.00	44.33 0.25 0.00	47.91 -0.05 0.00	49.32 -0.20 0.00	58.72 -0.51 0.00	81.74 -0.60 0.00	80.50 -0.18 0.00	189.95 -1.12 0.00	166.71 -0.85 0.00	116.32 -0.41 0.00	76.87 0.00 0.00	82.85 1.24 0.00	62.96 0.87 0.00	60.56 1.06 0.00
SITHE___OGDNSBRG 24021	47.25 1.61 0.00	41.34 1.35 0.00	40.84 1.28 0.00	39.44 1.25 0.00	36.54 1.07 0.00	37.09 1.06 0.00	41.46 1.28 0.00	39.14 0.86 0.00	43.16 1.16 0.00	39.23 0.93 0.00	41.39 0.83 0.00	45.09 1.01 0.00	48.46 0.51 0.00	49.63 0.12 0.00	58.91 -0.32 0.00	81.80 -0.54 0.00	80.89 0.21 0.00	191.62 0.55 0.00	169.03 1.47 0.00	118.34 1.62 0.00	78.51 1.63 0.00	84.93 3.33 0.00	64.51 2.42 0.00	61.98 2.48 0.00
SITHE___STERLING 23777	46.99 1.36 0.00	41.12 1.13 0.00	40.63 1.06 -0.01	39.16 0.97 0.00	36.36 0.89 0.00	36.94 0.91 0.00	41.18 1.01 0.00	39.30 1.01 0.00	43.18 1.18 0.00	39.32 1.02 0.00	41.52 0.97 0.00	45.18 1.10 0.00	49.27 1.32 0.00	50.95 1.43 0.00	60.84 1.37 -0.24	85.69 2.02 -1.33	84.99 2.04 -2.28	199.64 5.61 -2.96	172.76 4.83 -0.37	120.90 3.97 -0.20	79.70 2.64 -0.18	84.74 2.43 -0.70	64.18 1.80 -0.29	61.44 1.58 -0.36
SLEIGHT__34_KV_TB1 80719	46.66 1.03 0.00	40.60 0.61 0.00	40.05 0.47 -0.02	38.68 0.50 0.00	35.86 0.39 0.00	36.42 0.39 0.00	40.54 0.37 0.00	38.86 0.57 0.00	42.51 0.50 0.00	38.59 0.29 0.00	40.95 0.40 0.00	44.55 0.47 0.00	48.50 0.54 0.00	49.85 0.34 0.00	60.41 0.69 -0.49	85.80 0.73 -2.73	86.38 1.05 -4.65	199.78 2.65 -6.06	170.57 2.25 -0.77	119.55 2.42 -0.40	78.55 1.29 -0.39	84.22 0.82 -1.80	63.53 0.85 -0.59	60.96 0.73 -0.73
SMITHTWN_69_KV_BK 1 55830	47.44 1.80 0.00	42.56 2.57 0.00	42.23 2.67 0.00	40.58 2.39 0.00	37.77 2.30 0.00	38.38 2.34 0.00	42.71 2.54 0.00	40.84 2.56 0.00	44.89 2.89 0.00	64.36 2.76 -23.30	57.14 3.62 -12.96	63.86 4.19 -15.59	55.04 5.30 -1.79	54.56 4.98 -0.06	64.48 5.24 -0.01	89.85 7.48 -0.03	178.54 7.78 -90.08	350.88 18.07 -141.74	460.54 15.36 -277.62	136.53 9.52 -10.27	84.14 5.97 -1.29	86.91 5.54 0.24	59.61 3.79 6.27	58.72 3.61 4.39
SOUTH CAIRO___GT 23612	48.15 2.51 0.00	42.24 2.25 0.00	41.81 2.25 0.00	40.32 2.13 0.00	37.49 2.02 0.00	38.08 2.05 0.00	42.36 2.19 0.00	40.54 2.26 0.00	44.19 2.19 0.00	40.13 1.83 0.00	42.52 1.97 0.00	46.02 1.94 0.00	50.24 2.29 0.00	52.21 2.70 0.00	62.70 3.48 0.00	87.47 5.13 0.00	85.75 5.07 0.00	203.34 12.27 0.00	179.88 12.31 0.00	125.10 8.37 0.00	82.18 5.31 0.01	86.21 4.79 0.19	65.56 3.46 0.00	62.44 2.94 0.00
SOUTH HAMPTN___IC 23720	47.68 2.05 0.00	42.74 2.75 0.00	42.38 2.83 0.00	40.70 2.51 0.00	38.02 2.55 0.00	38.66 2.63 0.00	43.18 3.00 0.00	41.17 2.88 0.00	45.35 3.34 0.00	64.92 3.32 -23.30	57.59 4.08 -12.96	64.45 4.78 -15.59	55.87 6.13 -1.78	55.32 5.75 -0.06	65.54 6.31 0.00	91.31 8.96 -0.01	129.19 9.30 -39.21	264.15 21.67 -51.41	317.95 18.55 -131.84	130.96 11.50 -2.73	81.07 6.89 2.69	83.22 6.26 4.64	59.71 4.03 6.42	58.36 3.48 4.62
SOUTHDOW_115KV_TB1 355954	46.32 0.69 0.00	40.23 0.24 0.00	39.71 0.15 0.00	38.08 -0.11 0.00	35.00 -0.48 0.00	35.65 -0.38 0.00	39.79 -0.38 0.00	38.42 0.13 0.00	42.18 0.17 0.00	38.25 -0.06 0.00	40.00 -0.55 0.00	43.45 -0.63 0.00	45.54 -0.96 1.45	48.38 -1.13 0.00	54.83 -0.80 3.60	78.06 -1.50 2.78	77.89 -1.18 1.60	187.10 -3.97 0.00	165.10 -2.46 0.00	114.40 -2.32 0.00	71.18 -2.23 3.47	71.19 -3.21 7.20	60.93 -1.17 0.00	58.88 -0.62 0.00
SOUTHOLD_69_KV_BK 2 55809	48.40 2.76 0.00	43.33 3.33 0.00	42.98 3.42 0.00	41.23 3.04 0.00	38.73 3.26 0.00	39.42 3.39 0.00	44.04 3.87 0.00	41.93 3.64 0.00	46.29 4.28 0.00	65.97 4.36 -23.30	58.21 4.70 -12.96	64.96 5.29 -15.59	56.49 6.75 -1.78	56.12 6.55 -0.06	66.47 7.24 0.00	92.34 9.98 -0.01	130.54 10.57 -39.29	267.42 24.79 -51.56	320.62 21.01 -132.05	132.17 12.70 -2.74	81.72 7.52 2.69	84.56 7.59 4.64	60.57 4.89 6.42	59.40 4.52 4.62
SOUTHOLD___IC 23719	48.40 2.77 0.00	43.33 3.34 0.00	42.98 3.42 0.00	41.23 3.05 0.00	38.73 3.26 0.00	39.42 3.39 0.00	44.05 3.87 0.00	41.93 3.64 0.00	46.29 4.28 0.00	65.97 4.36 -23.30	58.21 4.70 -12.96	64.96 5.29 -15.59	56.48 6.74 -1.78	56.05 6.48 -0.06	66.47 7.24 0.00	92.40 10.05 -0.01	130.54 10.57 -39.29	267.42 24.79 -51.56	320.63 21.02 -132.05	132.17 12.70 -2.74	81.72 7.52 2.69	84.59 7.61 4.64	60.46 4.78 6.42	59.07 4.19 4.62
SOUTH_FORK_WT_PWR 323839	48.22 2.59 0.00	43.16 3.17 0.00	42.85 3.29 0.00	41.09 2.90 0.00	38.76 3.29 0.00	39.49 3.45 0.00	44.12 3.95 0.00	41.93 3.65 0.00	46.30 4.29 0.00	66.07 4.47 -23.30	58.61 5.09 -12.96	65.64 5.97 -15.59	57.19 7.46 -1.78	56.80 7.23 -0.06	67.37 8.14 0.00	93.43 11.08 -0.01	131.52 11.59 -39.25	269.64 27.09 -51.48	322.43 22.93 -131.94	133.30 13.84 -2.73	81.92 7.74 2.69	83.97 7.00 4.64	59.88 4.20 6.42	58.60 3.73 4.62
SPIERFLS_115KV_TB 1 80737	48.21 2.57 0.00	42.34 2.35 0.00	41.88 2.33 0.00	40.30 2.12 0.00	37.49 2.02 0.00	38.13 2.10 0.00	42.53 2.35 0.00	40.68 2.40 0.00	44.49 2.49 0.00	40.38 2.08 0.00	42.61 2.06 0.00	46.13 2.05 0.00	50.12 2.17 0.00	51.85 2.33 0.00	62.45 3.23 0.00	87.36 5.02 0.00	84.87 4.19 0.00	202.13 11.06 0.00	178.90 11.34 0.00	124.21 7.48 0.00	81.71 4.83 0.00	85.96 4.36 0.00	65.03 2.94 0.00	62.14 2.64 0.00
ST LAWRENCE____ 23600	45.58 -0.05 0.00	39.92 -0.07 0.00	39.47 -0.09 0.00	38.15 -0.04 0.00	35.39 -0.09 0.00	35.93 -0.10 0.00	40.12 -0.05 0.00	37.98 -0.30 0.00	41.82 -0.18 0.00	38.11 -0.19 0.00	40.34 -0.21 0.00	43.82 -0.26 0.00	47.42 -0.54 0.00	48.90 -0.62 0.00	58.25 -0.98 0.00	81.11 -1.23 0.00	79.79 -0.89 0.00	188.61 -2.46 0.00	165.17 -2.39 0.00	115.10 -1.62 0.00	76.01 -0.86 0.00	81.78 0.17 0.00	62.16 0.07 0.00	59.77 0.28 0.00

STATE_CA_115KV_115_LB 55624	46.53 0.90 0.00	40.90 0.91 0.00	40.57 1.01 0.00	39.13 0.94 0.00	36.42 0.95 0.00	37.03 1.00 0.00	41.16 0.99 0.00	39.43 1.14 0.00	43.07 1.07 0.00	39.29 0.99 0.00	41.63 1.07 0.00	45.16 1.08 0.00	49.31 1.36 0.00	51.06 1.54 0.00	61.18 1.95 0.00	85.14 2.80 0.00	83.09 2.41 0.00	197.09 6.02 0.00	172.94 5.39 0.00	120.28 3.56 0.00	79.02 2.14 0.00	83.16 1.55 0.00	63.22 1.12 0.00	60.42 0.92 0.00
STATE_ST_34_KV_LOAD 55959	46.26 0.62 0.00	40.27 0.28 0.00	39.78 0.19 -0.03	38.48 0.29 0.00	35.69 0.22 0.00	36.27 0.24 0.00	40.36 0.18 0.00	38.68 0.39 0.00	42.20 0.19 0.00	38.35 0.04 0.00	40.71 0.16 0.00	44.38 0.30 0.00	48.55 0.24 -0.35	49.54 0.03 0.00	61.03 0.20 -1.59	87.44 0.43 -4.67	88.29 0.41 -7.20	201.29 1.33 -8.88	169.42 0.74 -1.12	118.48 1.16 -0.59	79.05 0.49 -1.68	83.89 0.18 -2.11	63.29 0.33 -0.86	60.80 0.23 -1.07
STATION_5_MISC_HYD 23604	45.52 -0.11 0.00	39.68 -0.31 0.00	39.13 -0.43 0.00	37.67 -0.52 0.00	34.90 -0.57 0.00	35.41 -0.62 0.00	39.43 -0.75 0.00	37.77 -0.52 0.00	41.49 -0.51 0.00	37.58 -0.72 0.00	39.60 -0.95 0.00	43.03 -1.05 0.00	46.86 -1.09 0.00	48.33 -1.19 0.00	58.08 -1.15 0.00	80.28 -2.07 0.00	79.31 -1.36 0.00	187.62 -3.45 0.00	164.76 -2.81 0.00	114.46 -2.26 0.00	73.29 -2.10 1.49	79.53 -3.09 -1.01	60.60 -1.50 0.00	58.50 -1.00 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	45.59 -0.05 0.00	39.74 -0.25 0.00	39.20 -0.36 -0.01	37.77 -0.42 0.00	34.99 -0.48 0.00	35.52 -0.51 0.00	39.57 -0.61 0.00	37.89 -0.39 0.00	41.59 -0.41 0.00	37.73 -0.57 0.00	39.85 -0.71 0.00	43.29 -0.79 0.00	47.08 -0.88 0.00	48.61 -0.90 0.00	58.46 -0.91 -0.14	81.49 -1.62 -0.78	80.80 -1.20 -1.32	190.20 -2.60 -1.72	165.81 -1.97 -0.22	115.53 -1.31 -0.11	73.97 -1.34 1.57	80.51 -2.16 -1.07	61.12 -1.14 -0.17	58.78 -0.92 -0.21
STA_56_34_KV_BUS2_REV_LBMP_B 345033	45.25 -0.38 0.00	39.45 -0.53 0.00	38.92 -0.63 0.00	37.46 -0.73 0.00	34.72 -0.75 0.00	35.23 -0.80 0.00	39.23 -0.95 0.00	37.57 -0.72 0.00	41.29 -0.72 0.00	37.40 -0.90 0.00	39.45 -1.10 0.00	42.86 -1.22 0.00	46.66 -1.29 0.00	48.15 -1.36 0.00	57.86 -1.37 0.00	80.02 -2.32 0.00	79.01 -1.67 0.00	186.97 -4.10 0.00	164.23 -3.33 0.00	114.13 -2.59 0.00	73.07 -2.32 1.49	79.25 -3.28 -0.92	60.34 -1.75 0.00	58.19 -1.31 0.00
STA_56___34_KV_BUS2 355983	45.25 -0.38 0.00	39.45 -0.53 0.00	38.92 -0.63 0.00	37.46 -0.73 0.00	34.72 -0.75 0.00	35.23 -0.80 0.00	39.23 -0.95 0.00	37.57 -0.72 0.00	41.29 -0.72 0.00	37.40 -0.90 0.00	39.45 -1.10 0.00	42.86 -1.22 0.00	46.66 -1.29 0.00	48.15 -1.36 0.00	57.86 -1.37 0.00	80.02 -2.32 0.00	79.01 -1.67 0.00	186.97 -4.10 0.00	164.23 -3.33 0.00	114.13 -2.59 0.00	73.07 -2.32 1.49	79.25 -3.28 -0.92	60.34 -1.75 0.00	58.19 -1.31 0.00
STA_67___115KV_BK2 355882	45.39 -0.24 0.00	39.57 -0.42 0.00	39.04 -0.52 0.00	37.58 -0.61 0.00	34.82 -0.65 0.00	35.33 -0.70 0.00	39.34 -0.84 0.00	37.67 -0.61 0.00	41.40 -0.60 0.00	37.47 -0.83 0.00	39.50 -1.06 0.00	42.90 -1.18 0.00	46.68 -1.27 0.00	48.17 -1.35 0.00	57.89 -1.33 0.00	79.97 -2.37 0.00	79.03 -1.65 0.00	186.86 -4.22 0.00	164.15 -3.41 0.00	114.06 -2.67 0.00	73.02 -2.38 1.48	79.34 -3.32 -1.05	60.40 -1.70 0.00	58.31 -1.18 0.00
STA_7___115KV_9TRANS 80674	45.79 0.16 0.00	39.89 -0.10 0.00	39.34 -0.22 0.00	37.86 -0.33 0.00	35.07 -0.40 0.00	35.59 -0.44 0.00	39.63 -0.54 0.00	37.96 -0.33 0.00	41.72 -0.28 0.00	37.79 -0.51 0.00	39.84 -0.71 0.00	43.33 -0.76 0.00	47.20 -0.75 0.00	48.68 -0.83 0.00	58.55 -0.68 0.00	80.95 -1.39 0.00	80.02 -0.66 0.00	189.26 -1.81 0.00	166.20 -1.36 0.00	115.43 -1.29 0.00	73.92 -1.47 1.49	80.23 -2.39 -1.01	61.10 -1.00 0.00	58.91 -0.59 0.00
STA_82___115KV_TB1 80780	45.41 -0.22 0.00	39.59 -0.40 0.00	39.05 -0.51 0.00	37.59 -0.60 0.00	34.83 -0.64 0.00	35.34 -0.69 0.00	39.35 -0.82 0.00	37.69 -0.59 0.00	41.42 -0.59 0.00	37.50 -0.81 0.00	39.50 -1.05 0.00	42.91 -1.17 0.00	46.70 -1.25 0.00	48.17 -1.34 0.00	57.90 -1.33 0.00	80.01 -2.33 0.00	79.04 -1.65 0.00	186.94 -4.13 0.00	164.19 -3.37 0.00	114.08 -2.65 0.00	73.03 -2.34 1.51	79.16 -3.28 -0.84	60.41 -1.69 0.00	58.34 -1.16 0.00
STEEL___WIND 323596	45.19 -0.45 0.00	39.32 -0.67 0.00	38.77 -0.79 0.00	37.28 -0.91 0.00	34.43 -1.04 0.00	34.94 -1.09 0.00	38.90 -1.27 0.00	37.33 -0.96 0.00	41.00 -1.00 0.00	36.92 -1.38 0.00	38.72 -1.83 0.00	41.94 -2.14 0.00	42.90 -2.43 2.62	46.80 -2.71 0.00	50.02 -2.70 6.50	72.76 -4.56 5.02	74.03 -3.76 2.90	181.13 -9.94 0.00	159.15 -8.41 0.00	110.33 -6.39 0.00	68.96 -4.86 3.06	67.52 -6.22 7.86	58.83 -3.27 0.00	57.24 -2.26 0.00
STEPHTWN_115KV_BK_2 55603	46.78 1.14 0.00	41.02 1.03 0.00	40.71 1.16 0.00	39.26 1.07 0.00	36.48 1.01 0.00	37.19 1.16 0.00	41.34 1.16 0.00	39.55 1.26 0.00	43.28 1.27 0.00	39.43 1.13 0.00	41.76 1.21 0.00	45.43 1.35 0.00	49.51 1.56 0.00	51.31 1.80 0.00	61.61 2.39 0.00	85.58 3.24 0.00	83.73 3.05 0.00	198.50 7.42 0.00	174.05 6.49 0.00	121.20 4.47 0.00	79.47 2.59 0.00	83.60 1.99 0.00	63.48 1.38 0.00	60.58 1.08 0.00
STEBEN_REC_LFGE 323667	46.42 0.79 0.00	40.44 0.45 0.00	39.79 0.22 -0.01	38.35 0.16 0.00	35.48 0.01 0.00	36.07 0.04 0.00	40.09 -0.08 0.00	38.37 0.08 0.00	42.12 0.12 0.00	38.08 -0.22 0.00	40.09 -0.46 0.00	43.20 -0.88 0.00	51.99 -1.77 -5.80	47.91 -1.60 0.00	71.55 -2.26 -14.58	90.98 -3.66 -12.30	85.69 -3.50 -8.51	188.17 -5.68 -2.77	163.91 -4.00 -0.35	114.31 -2.59 -0.18	66.73 -1.45 8.70	77.17 -1.88 2.56	61.49 -0.88 -0.27	58.92 -0.92 -0.33
STILLWATER___SOLAR 323814	47.93 2.29 0.00	42.11 2.12 0.00	41.69 2.13 0.00	40.15 1.96 0.00	37.34 1.87 0.00	37.99 1.96 0.00	42.33 2.16 0.00	40.46 2.17 0.00	44.23 2.23 0.00	40.25 1.94 0.00	42.58 2.03 0.00	46.11 2.02 0.00	50.17 2.22 0.00	52.01 2.50 0.00	62.47 3.25 0.00	87.26 4.91 0.00	84.71 4.03 0.00	201.61 10.54 0.00	177.74 10.18 0.00	123.62 6.89 0.00	81.24 4.37 0.00	85.48 3.87 0.00	64.90 2.80 0.00	62.06 2.56 0.00
STONY___BROOK 24151	47.32 1.69 0.00	42.47 2.48 0.00	42.14 2.58 0.00	40.50 2.31 0.00	37.70 2.23 0.00	38.31 2.28 0.00	42.65 2.48 0.00	40.77 2.48 0.00	44.81 2.81 0.00	64.27 2.66 -23.30	57.03 3.52 -12.96	63.74 4.07 -15.59	54.92 5.18 -1.79	54.36 4.79 -0.06	64.29 5.05 -0.01	89.55 7.19 -0.02	151.49 7.32 -63.49	302.65 17.00 -94.58	382.80 14.47 -200.77	132.03 8.96 -6.34	81.77 5.66 0.77	84.44 5.34 2.51	59.32 3.53 6.31	58.21 3.16 4.44
STURGEON_POOL_HYD 23609	47.29 1.66 0.00	41.57 1.58 0.00	41.15 1.59 0.00	39.62 1.43 0.00	36.89 1.42 0.00	37.47 1.43 0.00	41.65 1.48 0.00	39.99 1.70 0.00	43.84 1.84 0.00	40.16 1.86 0.00	42.70 2.15 0.00	46.59 2.51 0.00	50.92 2.96 0.00	52.63 3.12 0.00	63.01 3.78 0.00	87.72 5.37 0.00	86.43 5.75 0.00	204.21 13.14 0.00	178.96 11.40 0.00	124.15 7.42 0.00	81.46 4.60 0.01	85.22 3.85 0.23	64.94 2.84 0.00	61.95 2.45 0.00

ST_LAW_115_BK7_LBMP 345037	45.61 -0.03 0.00	39.95 -0.04 0.00	39.48 -0.07 0.00	38.17 -0.02 0.00	35.40 -0.07 0.00	35.93 -0.10 0.00	40.13 -0.04 0.00	37.98 -0.30 0.00	41.82 -0.18 0.00	38.11 -0.19 0.00	40.34 -0.21 0.00	43.82 -0.26 0.00	47.40 -0.56 0.00	48.86 -0.65 0.00	58.19 -1.04 0.00	81.04 -1.30 0.00	79.74 -0.94 0.00	188.46 -2.61 0.00	164.98 -2.58 0.00	114.99 -1.74 0.00	75.97 -0.90 0.00	81.83 0.22 0.00	62.21 0.11 0.00	59.84 0.34 0.00
ST_LAW_115_BK8_LBMP 345038	45.61 -0.03 0.00	39.95 -0.04 0.00	39.48 -0.07 0.00	38.17 -0.02 0.00	35.40 -0.07 0.00	35.93 -0.10 0.00	40.13 -0.04 0.00	37.98 -0.30 0.00	41.82 -0.18 0.00	38.11 -0.19 0.00	40.34 -0.21 0.00	43.82 -0.26 0.00	47.40 -0.56 0.00	48.86 -0.65 0.00	58.19 -1.04 0.00	81.04 -1.30 0.00	79.74 -0.94 0.00	188.46 -2.61 0.00	164.98 -2.58 0.00	114.99 -1.74 0.00	75.97 -0.90 0.00	81.83 0.22 0.00	62.21 0.11 0.00	59.84 0.34 0.00
ST_LAW_230_BK5_LBMP 345035	45.58 -0.05 0.00	39.92 -0.07 0.00	39.47 -0.09 0.00	38.15 -0.04 0.00	35.39 -0.09 0.00	35.93 -0.10 0.00	40.12 -0.05 0.00	37.98 -0.30 0.00	41.82 -0.18 0.00	38.11 -0.19 0.00	40.34 -0.21 0.00	43.82 -0.26 0.00	47.42 -0.54 0.00	48.90 -0.62 0.00	58.25 -0.98 0.00	81.11 -1.23 0.00	79.79 -0.89 0.00	188.61 -2.46 0.00	165.17 -2.39 0.00	115.10 -1.62 0.00	76.01 -0.86 0.00	81.78 0.17 0.00	62.16 0.07 0.00	59.77 0.28 0.00
ST_LAW_230_BK6_LBMP 345036	45.58 -0.05 0.00	39.92 -0.07 0.00	39.47 -0.09 0.00	38.15 -0.04 0.00	35.39 -0.09 0.00	35.93 -0.10 0.00	40.12 -0.05 0.00	37.98 -0.30 0.00	41.82 -0.18 0.00	38.11 -0.19 0.00	40.34 -0.21 0.00	43.82 -0.26 0.00	47.42 -0.54 0.00	48.90 -0.62 0.00	58.25 -0.98 0.00	81.11 -1.23 0.00	79.79 -0.89 0.00	188.61 -2.46 0.00	165.17 -2.39 0.00	115.10 -1.62 0.00	76.01 -0.86 0.00	81.78 0.17 0.00	62.16 0.07 0.00	59.77 0.28 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	47.21 1.57 0.00	41.48 1.48 0.00	41.07 1.51 0.00	39.56 1.37 0.00	36.85 1.39 0.00	37.42 1.40 0.00	41.58 1.40 0.00	39.92 1.63 0.00	43.74 1.74 0.00	17.04 1.72 22.98	29.73 1.96 12.78	31.28 2.31 15.11	50.10 2.78 0.63	52.44 2.93 0.00	62.81 3.58 0.00	87.45 5.11 0.00	85.97 5.29 0.00	203.28 12.20 0.00	177.98 10.42 0.00	123.56 6.84 0.00	81.02 4.16 0.01	84.82 3.46 0.25	64.69 2.59 0.00	61.75 2.25 0.00
SWANROAD_115KV_TB1 355699	44.23 -1.41 0.00	38.65 -1.34 0.00	38.18 -1.38 0.00	36.69 -1.50 0.00	33.95 -1.53 0.00	34.43 -1.61 0.00	38.29 -1.88 0.00	36.71 -1.58 0.00	40.35 -1.65 0.00	36.00 -2.30 0.00	37.52 -3.04 0.00	40.52 -3.56 0.00	42.19 -3.79 1.98	45.21 -4.30 0.00	49.74 -4.57 4.92	71.03 -7.52 3.80	72.23 -6.26 2.19	174.68 -16.39 0.00	153.09 -14.47 0.00	106.11 -10.62 0.00	66.63 -7.60 2.65	65.07 -9.02 7.51	56.89 -5.20 0.00	56.07 -3.43 0.00
SYNERGY___BIOGAS 323694	46.16 0.52 0.00	40.20 0.21 0.00	39.61 0.06 0.00	38.09 -0.10 0.00	35.24 -0.23 0.00	35.75 -0.28 0.00	39.80 -0.37 0.00	38.16 -0.13 0.00	41.98 -0.03 0.00	37.62 -0.68 0.00	39.33 -1.22 0.00	42.62 -1.46 0.00	44.89 -1.75 1.32	47.56 -1.95 0.00	54.06 -1.88 3.28	76.43 -3.38 2.54	76.91 -2.31 1.46	184.79 -6.28 0.00	162.76 -4.80 0.00	113.42 -3.31 0.00	72.05 -2.63 2.19	73.77 -3.74 4.10	60.44 -1.65 0.00	58.76 -0.74 0.00
SYRACUSE___ENERGY_ST1 323597	45.54 -0.09 0.00	39.81 -0.18 0.00	39.34 -0.25 -0.03	37.94 -0.25 0.00	35.21 -0.27 0.00	35.75 -0.28 0.00	39.82 -0.36 0.00	38.10 -0.19 0.00	41.74 -0.26 0.00	38.01 -0.30 0.00	40.27 -0.29 0.00	43.87 -0.22 0.00	47.74 -0.21 0.00	49.22 -0.30 0.00	59.82 -0.22 -0.81	86.47 -0.35 -4.47	87.98 -0.33 -7.63	200.35 -0.66 -9.94	168.35 -0.47 -1.26	117.28 -0.11 -0.66	77.22 -0.27 -0.61	83.21 -0.75 -2.36	62.60 -0.46 -0.96	60.16 -0.54 -1.20
SYRACUSE___ENERGY_ST2 323598	45.54 -0.09 0.00	39.81 -0.18 0.00	39.34 -0.25 -0.03	37.94 -0.25 0.00	35.21 -0.27 0.00	35.75 -0.28 0.00	39.82 -0.36 0.00	38.10 -0.19 0.00	41.74 -0.26 0.00	38.01 -0.30 0.00	40.27 -0.29 0.00	43.87 -0.22 0.00	47.74 -0.21 0.00	49.22 -0.30 0.00	59.82 -0.22 -0.81	86.47 -0.35 -4.47	87.98 -0.33 -7.63	200.35 -0.66 -9.94	168.35 -0.47 -1.26	117.28 -0.11 -0.66	77.22 -0.27 -0.61	83.21 -0.75 -2.36	62.60 -0.46 -0.96	60.16 -0.54 -1.20
SYRACUSE___POWER 24017	45.49 -0.14 0.00	39.78 -0.21 0.00	39.31 -0.26 -0.02	37.89 -0.30 0.00	35.17 -0.30 0.00	35.71 -0.32 0.00	39.78 -0.40 0.00	38.04 -0.24 0.00	41.72 -0.29 0.00	38.00 -0.30 0.00	40.21 -0.35 0.00	43.81 -0.28 0.00	47.72 -0.23 0.00	49.23 -0.28 0.00	59.51 -0.25 -0.54	84.89 -0.41 -2.96	85.32 -0.40 -5.04	196.93 -0.71 -6.57	167.96 -0.43 -0.83	116.97 -0.20 -0.44	77.62 -0.33 -1.07	82.32 -0.84 -1.56	62.21 -0.52 -0.64	59.69 -0.60 -0.79
TALLMAN_138KV_BK151 55660	47.39 1.75 0.00	41.65 1.66 0.00	41.26 1.70 0.00	39.75 1.56 0.00	37.05 1.58 0.00	37.61 1.58 0.00	41.77 1.60 0.00	40.13 1.85 0.00	43.98 1.97 0.00	9.32 1.93 30.92	25.55 2.20 17.20	26.36 2.61 20.34	50.26 3.15 0.85	52.85 3.34 0.00	63.31 4.08 0.00	88.11 5.77 0.00	86.66 5.98 0.00	204.82 13.75 0.00	179.09 11.53 0.00	124.28 7.55 0.00	81.46 4.59 0.01	85.23 3.87 0.24	65.00 2.91 0.00	62.03 2.53 0.00
TEALLAVE_115KV_TB7 355573	45.19 -0.45 0.00	39.53 -0.46 0.00	39.06 -0.52 -0.02	37.66 -0.53 0.00	34.95 -0.52 0.00	35.49 -0.54 0.00	39.53 -0.64 0.00	37.81 -0.48 0.00	41.46 -0.55 0.00	37.77 -0.54 0.00	39.97 -0.58 0.00	43.52 -0.56 0.00	47.41 -0.54 0.00	48.92 -0.59 0.00	59.06 -0.61 -0.45	83.85 -0.95 -2.45	83.96 -0.91 -4.19	194.48 -2.05 -5.46	166.66 -1.60 -0.69	116.08 -1.01 -0.36	76.34 -0.87 -0.34	81.47 -1.43 -1.29	61.67 -0.95 -0.53	59.18 -0.98 -0.66
TELGRAPH_34_KV_EAST 80808	45.19 -0.44 0.00	39.41 -0.58 0.00	38.86 -0.69 0.00	37.37 -0.82 0.00	34.56 -0.90 0.00	35.07 -0.96 0.00	39.03 -1.15 0.00	37.41 -0.87 0.00	41.13 -0.88 0.00	36.80 -1.50 0.00	38.44 -2.11 0.00	41.59 -2.49 0.00	43.58 -2.73 1.65	46.43 -3.08 0.00	51.92 -3.21 4.10	73.79 -5.40 3.16	74.59 -4.26 1.83	179.89 -11.19 0.00	157.88 -9.68 0.00	109.67 -7.05 0.00	69.23 -5.25 2.40	69.55 -6.49 5.57	58.59 -3.51 0.00	57.30 -2.20 0.00
TEMPLE___115KV_TB 2 55572	45.21 -0.43 0.00	39.54 -0.45 0.00	39.07 -0.51 -0.02	37.68 -0.51 0.00	34.97 -0.50 0.00	35.50 -0.53 0.00	39.54 -0.63 0.00	37.82 -0.46 0.00	41.48 -0.53 0.00	37.77 -0.53 0.00	39.99 -0.57 0.00	43.54 -0.54 0.00	47.44 -0.52 0.00	48.94 -0.57 0.00	59.11 -0.56 -0.44	83.89 -0.90 -2.45	83.99 -0.87 -4.18	194.52 -1.99 -5.44	166.72 -1.53 -0.69	116.12 -0.97 -0.36	76.36 -0.85 -0.33	81.48 -1.42 -1.29	61.69 -0.93 -0.53	59.18 -0.97 -0.66
TIANA____69_KV_BK 1 55817	47.53 1.89 0.00	42.62 2.63 0.00	42.27 2.71 0.00	40.59 2.40 0.00	37.87 2.40 0.00	38.50 2.47 0.00	43.00 2.82 0.00	41.01 2.72 0.00	45.16 3.15 0.00	64.69 3.09 -23.30	57.37 3.85 -12.96	64.19 4.52 -15.59	55.57 5.83 -1.78	55.07 5.49 -0.06	65.17 5.94 0.00	90.78 8.43 -0.01	128.77 8.81 -39.28	263.14 20.53 -51.54	317.16 17.59 -132.01	130.42 10.95 -2.74	80.83 6.64 2.69	82.99 6.02 4.64	59.72 4.04 6.42	58.60 3.72 4.62

TILDEN___115KV_TB1 80814	45.49 -0.14 0.00	39.78 -0.21 0.00	39.31 -0.26 -0.02	37.89 -0.30 0.00	35.17 -0.30 0.00	35.71 -0.32 0.00	39.78 -0.40 0.00	38.04 -0.24 0.00	41.72 -0.29 0.00	38.00 -0.30 0.00	40.21 -0.35 0.00	43.81 -0.28 0.00	47.72 -0.23 0.00	49.23 -0.28 0.00	59.51 -0.25 -0.54	84.89 -0.41 -2.96	85.32 -0.40 -5.04	196.93 -0.71 -6.57	167.96 -0.43 -0.83	116.97 -0.20 -0.44	77.62 -0.33 -1.07	82.32 -0.84 -1.56	62.21 -0.52 -0.64	59.69 -0.60 -0.79
TRIGEN___CC 323695	47.46 1.83 0.00	42.15 2.16 0.00	41.76 2.20 0.00	40.19 2.00 0.00	37.42 1.95 0.00	37.99 1.96 0.00	42.21 2.04 0.00	40.48 2.20 0.00	44.43 2.42 0.00	63.98 2.38 -23.30	56.50 2.98 -12.96	63.10 3.43 -15.59	53.88 4.14 -1.78	53.79 4.07 -0.21	63.79 4.56 0.00	88.77 6.42 0.00	87.40 6.72 0.00	206.61 15.54 0.00	180.83 13.26 0.00	125.30 8.57 -0.01	88.73 5.37 -6.48	92.77 4.75 -6.42	77.15 3.48 -11.57	87.27 3.39 -24.38
TRINITY___115KV___4 BK 55933	46.30 0.67 0.00	40.72 0.73 0.00	40.40 0.84 0.00	38.98 0.79 0.00	36.28 0.81 0.00	36.89 0.86 0.00	41.01 0.84 0.00	39.27 0.98 0.00	42.90 0.90 0.00	39.11 0.81 0.00	41.43 0.88 0.00	44.92 0.84 0.00	49.03 1.07 0.00	50.75 1.23 0.00	60.82 1.59 0.00	84.57 2.23 0.00	82.60 1.92 0.00	195.84 4.76 0.00	171.90 4.33 0.00	119.57 2.84 0.00	78.54 1.67 0.00	82.68 1.07 0.00	62.88 0.79 0.00	60.12 0.63 0.00
UNION___PROCESSING_DRP 323587	45.43 -0.21 0.00	39.61 -0.38 0.00	39.05 -0.51 0.00	37.60 -0.59 0.00	34.83 -0.63 0.00	35.35 -0.68 0.00	39.36 -0.82 0.00	37.69 -0.59 0.00	41.42 -0.58 0.00	37.50 -0.81 0.00	39.51 -1.04 0.00	42.92 -1.16 0.00	46.72 -1.24 0.00	48.19 -1.33 0.00	57.91 -1.32 0.00	80.03 -2.32 0.00	79.05 -1.63 0.00	187.03 -4.04 0.00	164.26 -3.30 0.00	114.12 -2.60 0.00	73.05 -2.31 1.51	79.11 -3.25 -0.76	60.45 -1.65 0.00	58.34 -1.15 0.00
UPPER HUDSON___HYD 24058	48.21 2.57 0.00	42.34 2.35 0.00	41.88 2.32 0.00	40.30 2.11 0.00	37.49 2.02 0.00	38.13 2.10 0.00	42.53 2.35 0.00	40.69 2.40 0.00	44.49 2.49 0.00	40.37 2.07 0.00	42.61 2.06 0.00	46.13 2.05 0.00	50.12 2.16 0.00	51.85 2.33 0.00	62.45 3.23 0.00	87.36 5.02 0.00	84.87 4.18 0.00	202.13 11.05 0.00	178.90 11.34 0.00	124.21 7.48 0.00	81.70 4.83 0.00	85.97 4.37 0.00	65.03 2.94 0.00	62.13 2.63 0.00
UPPER RAQUET___HYD 24056	46.70 1.07 0.00	40.86 0.88 0.00	40.38 0.82 0.00	39.00 0.81 0.00	36.14 0.67 0.00	36.69 0.66 0.00	40.99 0.82 0.00	38.74 0.45 0.00	42.68 0.67 0.00	38.88 0.58 0.00	41.09 0.53 0.00	44.67 0.59 0.00	48.21 0.26 0.00	49.46 -0.06 0.00	58.94 -0.41 -0.12	82.43 -0.60 -0.68	81.75 -0.09 -1.17	192.02 -0.57 -1.52	167.85 0.10 -0.19	117.48 0.65 -0.10	77.74 0.77 -0.09	84.17 2.20 -0.36	63.78 1.54 -0.15	61.38 1.70 -0.18
VALLEY44_115KV_TB2 355964	45.28 -0.36 0.00	39.38 -0.61 0.00	38.86 -0.70 0.00	37.42 -0.77 0.00	34.59 -0.88 0.00	35.12 -0.91 0.00	39.10 -1.07 0.00	37.53 -0.75 0.00	41.12 -0.88 0.00	37.27 -1.03 0.00	38.99 -1.57 0.00	42.46 -1.62 0.00	44.99 -1.87 1.09	47.33 -2.18 0.00	54.43 -2.07 2.72	76.67 -3.57 2.10	76.44 -3.03 1.21	182.24 -8.83 0.00	160.12 -7.44 0.00	111.05 -5.68 0.00	68.95 -4.37 3.56	69.36 -5.31 6.93	59.40 -2.70 0.00	57.40 -2.10 0.00
VALLEY___115KV_TB 1-4 80826	46.40 0.76 0.00	40.74 0.75 0.00	40.39 0.83 0.00	38.93 0.74 0.00	36.21 0.74 0.00	36.83 0.80 0.00	41.01 0.84 0.00	39.13 0.84 0.00	42.75 0.75 0.00	39.06 0.76 0.00	41.19 0.64 0.00	44.69 0.60 0.00	48.66 0.71 0.00	50.35 0.83 0.00	60.62 1.39 0.00	83.91 1.57 0.00	81.20 0.51 0.00	193.89 2.82 0.00	171.46 3.90 0.00	119.72 2.99 0.00	79.05 2.18 0.00	83.16 1.55 0.00	63.18 1.08 0.00	60.30 0.80 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	47.37 1.73 0.00	41.49 1.50 0.00	41.00 1.44 -0.01	39.51 1.32 0.00	36.72 1.24 0.00	37.30 1.26 0.00	41.52 1.35 0.00	39.78 1.49 0.00	43.71 1.71 0.00	39.96 1.66 0.00	42.36 1.80 0.00	46.11 2.03 0.00	50.35 2.40 0.00	51.99 2.48 0.00	62.28 2.90 -0.15	87.29 4.10 -0.84	86.18 4.06 -1.44	202.15 9.20 -1.88	175.78 7.98 -0.24	122.27 5.42 -0.12	80.37 3.42 -0.08	84.18 2.93 0.36	64.60 2.32 -0.18	61.84 2.11 -0.23
VISCHER___FERRY HYD 24020	47.20 1.56 0.00	41.51 1.52 0.00	41.16 1.61 0.00	39.67 1.48 0.00	36.92 1.45 0.00	37.57 1.54 0.00	41.82 1.65 0.00	39.99 1.70 0.00	43.69 1.69 0.00	39.80 1.50 0.00	42.14 1.58 0.00	45.63 1.55 0.00	49.75 1.79 0.00	51.51 1.99 0.00	61.81 2.59 0.00	86.03 3.69 0.00	83.90 3.22 0.00	199.14 8.07 0.00	175.01 7.45 0.00	121.75 5.03 0.00	79.96 3.08 0.00	84.17 2.56 0.00	64.02 1.92 0.00	61.24 1.74 0.00
V_A_10_SYNC_DSASP 323832	44.71 -0.93 0.00	38.97 -1.03 0.00	38.45 -1.11 0.00	37.00 -1.19 0.00	34.25 -1.23 0.00	34.75 -1.29 0.00	38.66 -1.52 0.00	37.04 -1.24 0.00	40.70 -1.31 0.00	36.67 -1.63 0.00	38.52 -2.04 0.00	41.75 -2.33 0.00	44.04 -2.62 1.29	46.70 -2.81 0.00	52.95 -3.07 3.22	74.73 -5.13 2.48	75.02 -4.23 1.43	180.26 -10.81 0.00	158.15 -9.41 0.00	109.61 -7.12 0.00	69.73 -5.42 1.72	79.68 -6.62 -4.69	58.42 -3.68 0.00	56.85 -2.65 0.00
V_CMM_10_SYNC_DSASP 323787	45.86 0.23 0.00	40.16 0.17 0.00	39.70 0.14 0.00	38.37 0.18 0.00	35.58 0.11 0.00	36.11 0.08 0.00	40.34 0.16 0.00	38.18 -0.11 0.00	42.03 0.03 0.00	38.32 0.02 0.00	40.56 0.01 0.00	44.05 -0.03 0.00	47.64 -0.31 0.00	49.09 -0.42 0.00	58.47 -0.76 0.00	81.43 -0.91 0.00	80.14 -0.54 0.00	189.27 -1.80 0.00	165.17 -2.39 0.00	115.13 -1.59 0.00	76.05 -0.82 0.00	82.16 0.55 0.00	62.52 0.42 0.00	60.14 0.64 0.00
V_CMP_10_SYNC_DSASP 323788	46.33 0.69 0.00	40.58 0.59 0.00	40.15 0.59 0.00	38.77 0.58 0.00	36.02 0.54 0.00	36.56 0.53 0.00	40.82 0.65 0.00	38.66 0.38 0.00	42.44 0.44 0.00	38.62 0.32 0.00	40.97 0.42 0.00	44.42 0.33 0.00	47.86 -0.09 0.00	49.48 -0.03 0.00	58.65 -0.58 0.00	81.50 -0.84 0.00	80.18 -0.50 0.00	189.02 -2.05 0.00	166.25 -1.31 0.00	116.06 -0.66 0.00	76.55 -0.33 0.00	82.50 0.89 0.00	62.51 0.41 0.00	60.56 1.06 0.00
V_D_10_SYNC_DSASP 323841	46.18 0.55 0.00	40.43 0.44 0.00	39.96 0.40 0.00	38.63 0.44 0.00	35.82 0.35 0.00	36.35 0.31 0.00	40.60 0.43 0.00	38.41 0.12 0.00	42.31 0.31 0.00	38.56 0.26 0.00	40.80 0.25 0.00	44.32 0.24 0.00	47.90 -0.06 0.00	49.32 -0.20 0.00	58.72 -0.51 0.00	81.74 -0.60 0.00	80.50 -0.18 0.00	189.95 -1.12 0.00	166.69 -0.87 0.00	116.31 -0.42 0.00	76.85 -0.02 0.00	82.84 1.23 0.00	62.95 0.85 0.00	60.56 1.06 0.00
V_E_10_SYNC_DSASP 323830	48.36 2.72 0.00	42.38 2.39 0.00	41.85 2.28 -0.01	40.48 2.29 0.00	37.67 2.20 0.00	38.35 2.32 0.00	42.88 2.70 0.00	41.11 2.82 0.00	45.02 3.02 0.00	40.94 2.64 0.00	43.18 2.63 0.00	47.23 3.15 0.00	51.95 3.55 -0.45	52.70 3.18 0.00	63.58 2.91 -1.44	89.65 4.61 -2.70	88.45 4.14 -3.64	205.71 10.54 -4.10	178.00 9.92 -0.52	125.32 8.32 -0.27	86.55 5.40 -4.28	86.72 5.34 0.22	66.73 4.23 -0.40	63.87 3.88 -0.49

V_F_30_NSYNC___DSASP 323816	47.98 2.34 0.00	42.15 2.16 0.00	41.70 2.14 0.00	40.18 1.99 0.00	37.36 1.89 0.00	38.01 1.98 0.00	42.36 2.18 0.00	40.48 2.20 0.00	44.28 2.28 0.00	40.30 2.00 0.00	42.65 2.09 0.00	46.20 2.12 0.00	50.29 2.34 0.00	52.11 2.60 0.00	62.61 3.38 0.00	87.42 5.07 0.00	84.88 4.20 0.00	201.97 10.90 0.00	177.96 10.40 0.00	123.81 7.09 0.00	81.35 4.48 0.00	85.58 3.97 0.00	64.98 2.88 0.00	62.14 2.64 0.00
V_F_30_SYNC_DSASP 323786	46.53 0.89 0.00	40.90 0.91 0.00	40.56 1.01 0.00	39.13 0.94 0.00	36.42 0.95 0.00	37.03 1.00 0.00	41.16 0.99 0.00	39.43 1.14 0.00	43.07 1.07 0.00	39.28 0.98 0.00	41.63 1.07 0.00	45.16 1.07 0.00	49.31 1.36 0.00	51.04 1.53 0.00	61.18 1.95 0.00	85.14 2.80 0.00	83.08 2.40 0.00	197.08 6.00 0.00	172.94 5.39 0.00	120.28 3.55 0.00	79.01 2.13 0.00	83.15 1.54 0.00	63.22 1.12 0.00	60.42 0.92 0.00
V_XM_10_SYNC_DSASP 323789	46.33 0.69 0.00	40.58 0.59 0.00	40.15 0.59 0.00	38.77 0.58 0.00	36.02 0.54 0.00	36.56 0.53 0.00	40.82 0.65 0.00	38.66 0.38 0.00	42.44 0.44 0.00	38.62 0.32 0.00	40.97 0.42 0.00	44.42 0.33 0.00	47.86 -0.09 0.00	49.48 -0.03 0.00	58.65 -0.58 0.00	81.50 -0.84 0.00	80.18 -0.50 0.00	189.02 -2.05 0.00	166.25 -1.31 0.00	116.06 -0.66 0.00	76.55 -0.33 0.00	82.50 0.89 0.00	62.51 0.41 0.00	60.56 1.06 0.00
W.BABYLN_69_KV_BK1 56697	47.96 2.33 0.00	42.90 2.91 0.00	42.52 2.96 0.00	40.87 2.68 0.00	38.03 2.56 0.00	38.63 2.59 0.00	42.95 2.77 0.00	41.14 2.86 0.00	45.19 3.19 0.00	64.64 3.04 -23.30	57.27 3.76 -12.96	63.91 4.24 -15.59	54.92 5.18 -1.78	54.51 4.91 -0.09	64.54 5.31 0.00	89.91 7.57 0.00	92.83 7.78 -4.37	213.27 18.26 -3.94	197.57 15.75 -14.26	126.90 10.18 0.00	80.13 6.52 3.27	83.57 5.92 3.95	63.24 4.29 3.15	64.59 4.28 -0.80
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	47.56 1.93 0.00	41.81 1.82 0.00	41.42 1.86 0.00	39.90 1.72 0.00	37.20 1.73 0.00	37.76 1.74 0.00	41.94 1.76 0.00	40.30 2.01 0.00	44.14 2.14 0.00	6.91 2.10 33.49	24.30 2.38 18.63	24.87 2.81 22.03	50.40 3.38 0.93	53.08 3.56 0.00	63.59 4.37 0.00	88.52 6.18 0.00	87.06 6.38 0.00	205.82 14.75 0.00	179.98 12.42 0.00	124.89 8.16 0.00	81.85 4.99 0.01	85.64 4.28 0.24	65.29 3.19 0.00	62.29 2.79 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	47.87 2.23 0.00	42.15 2.16 0.00	41.73 2.17 0.00	40.16 1.97 0.00	37.44 1.97 0.00	38.02 1.99 0.00	42.23 2.06 0.00	40.60 2.32 0.00	44.53 2.52 0.00	64.23 2.48 -23.45	56.43 2.83 -13.04	62.82 3.32 -15.42	52.46 3.85 -0.65	53.48 3.96 0.00	63.98 4.75 0.00	88.94 6.59 0.00	87.48 6.79 0.00	206.76 15.69 0.00	180.86 13.30 0.00	125.48 8.75 0.00	82.28 5.41 0.01	86.09 4.72 0.24	65.65 3.55 0.00	62.63 3.13 0.00
W50THST__13_KV_LOAD 356117	48.15 2.52 0.00	42.39 2.41 0.00	41.97 2.41 0.00	40.39 2.20 0.00	37.66 2.19 0.00	38.24 2.21 0.00	42.48 2.30 0.00	40.86 2.57 0.00	44.82 2.82 0.00	64.52 2.78 -23.45	56.75 3.15 -13.04	63.20 3.69 -15.42	52.85 4.25 -0.65	53.85 4.33 0.00	64.44 5.22 0.00	89.47 7.13 0.00	88.02 7.33 0.00	207.91 16.84 0.00	181.87 14.31 0.00	126.12 9.39 0.00	82.67 5.80 0.01	86.53 5.16 0.24	65.97 3.88 0.00	62.94 3.44 0.00
WADING RIVER_IC_1 23522	46.80 1.17 0.00	42.02 2.03 0.00	41.67 2.12 0.00	40.05 1.86 0.00	37.31 1.84 0.00	37.93 1.89 0.00	42.39 2.22 0.00	40.37 2.09 0.00	44.41 2.41 0.00	63.93 2.33 -23.30	56.61 3.10 -12.96	63.31 3.64 -15.59	54.57 4.83 -1.78	53.91 4.34 -0.06	63.81 4.58 0.00	89.00 6.65 -0.01	126.42 6.96 -38.78	257.75 16.03 -50.64	312.01 13.70 -130.75	127.82 8.43 -2.66	79.32 5.18 2.73	81.53 4.61 4.69	58.63 2.96 6.43	57.39 2.53 4.64
WADING RIVER_IC_2 23547	46.80 1.17 0.00	42.02 2.03 0.00	41.67 2.12 0.00	40.05 1.86 0.00	37.31 1.84 0.00	37.93 1.89 0.00	42.39 2.22 0.00	40.37 2.09 0.00	44.41 2.41 0.00	63.93 2.33 -23.30	56.61 3.10 -12.96	63.31 3.64 -15.59	54.57 4.83 -1.78	53.91 4.34 -0.06	63.81 4.58 0.00	89.00 6.65 -0.01	126.42 6.96 -38.78	257.75 16.03 -50.64	312.01 13.70 -130.75	127.82 8.43 -2.66	79.32 5.18 2.73	81.53 4.61 4.69	58.63 2.96 6.43	57.39 2.53 4.64
WADING RIVER_IC_3 23601	46.80 1.17 0.00	42.02 2.03 0.00	41.67 2.12 0.00	40.05 1.86 0.00	37.31 1.84 0.00	37.93 1.89 0.00	42.39 2.22 0.00	40.37 2.09 0.00	44.41 2.41 0.00	63.93 2.33 -23.30	56.61 3.10 -12.96	63.31 3.64 -15.59	54.57 4.83 -1.78	53.91 4.34 -0.06	63.81 4.58 0.00	89.00 6.65 -0.01	126.42 6.96 -38.78	257.75 16.03 -50.64	312.01 13.70 -130.75	127.82 8.43 -2.66	79.32 5.18 2.73	81.53 4.61 4.69	58.63 2.96 6.43	57.39 2.53 4.64
WALDENNY_12_KV_BK2 80841	45.24 -0.39 0.00	39.38 -0.61 0.00	38.83 -0.73 0.00	37.32 -0.87 0.00	34.49 -0.99 0.00	35.00 -1.03 0.00	38.96 -1.21 0.00	37.38 -0.91 0.00	41.07 -0.93 0.00	36.94 -1.36 0.00	38.74 -1.81 0.00	41.97 -2.11 0.00	43.04 -2.37 2.55	46.88 -2.63 0.00	50.28 -2.62 6.33	72.99 -4.47 4.88	74.30 -3.56 2.82	181.52 -9.55 0.00	159.33 -8.23 0.00	110.44 -6.29 0.00	69.02 -4.85 3.01	67.64 -6.09 7.88	58.87 -3.23 0.00	57.35 -2.15 0.00
WALDEN__HYDRO 24148	47.48 1.84 0.00	41.71 1.72 0.00	41.30 1.74 0.00	39.77 1.58 0.00	37.04 1.57 0.00	37.62 1.59 0.00	41.78 1.61 0.00	40.13 1.84 0.00	43.98 1.98 0.00	32.61 1.96 7.66	38.51 2.22 4.26	41.65 2.60 5.04	50.82 3.08 0.21	52.73 3.22 0.00	63.15 3.92 0.00	88.06 5.72 0.00	86.53 5.85 0.00	204.74 13.66 0.00	179.39 11.83 0.00	124.52 7.80 0.00	81.69 4.82 0.01	85.48 4.12 0.24	65.13 3.04 0.00	62.13 2.63 0.00
WARRENSBURG____ 23737	48.21 2.57 0.00	42.34 2.35 0.00	41.88 2.33 0.00	40.30 2.12 0.00	37.49 2.02 0.00	38.13 2.10 0.00	42.53 2.35 0.00	40.68 2.40 0.00	44.49 2.49 0.00	40.38 2.08 0.00	42.61 2.06 0.00	46.13 2.05 0.00	50.12 2.17 0.00	51.85 2.33 0.00	62.45 3.23 0.00	87.36 5.02 0.00	84.87 4.19 0.00	202.13 11.06 0.00	178.90 11.34 0.00	124.21 7.48 0.00	81.71 4.83 0.00	85.96 4.36 0.00	65.03 2.94 0.00	62.14 2.64 0.00
WATERSIDE____6 8 9 23538	47.69 2.05 0.00	42.01 2.02 0.00	41.58 2.02 0.00	40.01 1.82 0.00	37.31 1.84 0.00	37.89 1.86 0.00	42.06 1.88 0.00	40.48 2.19 0.00	44.34 2.34 0.00	64.03 2.35 -23.39	56.27 2.71 -13.01	62.64 3.18 -15.38	52.23 3.63 -0.65	53.20 3.69 0.00	63.53 4.31 0.00	88.40 6.06 0.00	87.01 6.32 0.00	205.69 14.62 0.00	179.90 12.34 0.00	124.71 7.98 0.00	81.83 4.97 0.01	85.56 4.20 0.24	65.25 3.15 0.00	62.29 2.79 0.00
WATKINRD_115KV_LN8_ILLION 55919	46.15 0.51 0.00	40.51 0.51 0.00	40.13 0.57 0.00	38.69 0.50 0.00	35.98 0.51 0.00	36.59 0.56 0.00	40.73 0.56 0.00	38.88 0.60 0.00	42.52 0.51 0.00	38.83 0.53 0.00	40.99 0.44 0.00	44.49 0.41 0.00	48.44 0.49 0.00	50.10 0.59 0.00	60.26 1.03 0.00	83.57 1.23 0.00	81.15 0.47 0.00	193.24 2.16 0.00	170.40 2.84 0.00	118.91 2.19 0.00	78.46 1.58 0.00	82.67 1.06 0.00	62.83 0.73 0.00	60.03 0.53 0.00

WDELAWARE___HYD 323627	46.35 0.72 0.00	40.66 0.68 0.00	40.22 0.66 0.00	38.69 0.50 0.00	36.02 0.55 0.00	36.56 0.53 0.00	40.64 0.47 0.00	39.00 0.71 0.00	42.78 0.77 0.00	33.21 0.93 6.03	38.34 1.14 3.35	41.53 1.41 3.97	49.49 1.71 0.17	51.38 1.87 0.00	61.55 2.32 0.00	85.89 3.54 0.00	84.65 3.96 0.00	200.40 9.33 0.00	175.68 8.12 0.00	121.99 5.26 0.00	80.01 3.14 0.01	83.70 2.35 0.25	63.67 1.57 0.00	60.65 1.15 0.00
WEST BABYLON___IC 23714	47.96 2.33 0.00	42.90 2.91 0.00	42.52 2.96 0.00	40.87 2.68 0.00	38.03 2.56 0.00	38.63 2.59 0.00	42.95 2.77 0.00	41.14 2.86 0.00	45.19 3.19 0.00	64.64 3.04 -23.30	57.27 3.76 -12.96	63.91 4.24 -15.59	54.92 5.18 -1.78	54.51 4.91 -0.09	64.54 5.31 0.00	89.91 7.57 0.00	92.83 7.78 -4.37	213.27 18.26 -3.94	197.57 15.75 -14.26	126.90 10.18 0.00	80.13 6.52 3.27	83.57 5.92 3.95	63.24 4.29 3.15	64.59 4.28 -0.80
WEST CANADA___HYD 24049	45.79 0.16 0.00	40.15 0.16 0.00	39.72 0.16 0.00	38.33 0.14 0.00	35.61 0.14 0.00	36.20 0.16 0.00	40.34 0.16 0.00	38.49 0.20 0.00	42.18 0.18 0.00	38.49 0.19 0.00	40.73 0.18 0.00	44.26 0.18 0.00	48.19 0.24 0.00	49.80 0.28 0.00	59.61 0.38 0.00	82.84 0.50 0.00	81.07 0.38 0.00	192.16 1.09 0.00	168.58 1.02 0.00	117.44 0.72 0.00	77.31 0.44 0.00	81.80 0.19 0.00	62.27 0.18 0.00	59.62 0.12 0.00
WESTERN_NY_WIND 24143	46.09 0.46 0.00	40.15 0.16 0.00	39.57 0.01 0.00	38.04 -0.15 0.00	35.20 -0.27 0.00	35.70 -0.33 0.00	39.75 -0.42 0.00	38.12 -0.17 0.00	41.92 -0.08 0.00	37.55 -0.75 0.00	39.25 -1.30 0.00	42.55 -1.54 0.00	44.69 -1.84 1.42	47.46 -2.05 0.00	53.68 -2.01 3.54	76.05 -3.56 2.73	76.63 -2.48 1.58	184.38 -6.69 0.00	162.41 -5.15 0.00	113.15 -3.58 0.00	71.79 -2.83 2.25	73.12 -3.92 4.56	60.31 -1.79 0.00	58.66 -0.84 0.00
WESTOVER___LESR 323668	45.90 0.26 0.00	40.12 0.13 0.00	39.65 0.08 -0.01	38.24 0.05 0.00	35.47 0.00 0.00	36.02 -0.01 0.00	40.14 -0.03 0.00	38.44 0.15 0.00	42.05 0.05 0.00	38.31 0.01 0.00	40.42 -0.14 0.00	44.13 0.05 0.00	48.11 0.15 0.00	49.61 0.09 0.00	59.77 0.23 -0.31	84.26 0.19 -1.73	83.89 0.27 -2.95	195.17 0.26 -3.84	168.33 0.29 -0.49	117.04 0.06 -0.26	75.39 -0.27 1.22	79.95 -0.81 0.85	62.20 -0.27 -0.37	59.65 -0.31 -0.46
WETHRSFD_WT_PWR 323626	45.21 -0.42 0.00	39.35 -0.64 0.00	38.75 -0.81 0.00	37.33 -0.87 0.00	34.47 -1.01 0.00	34.98 -1.05 0.00	38.92 -1.25 0.00	37.28 -1.01 0.00	40.93 -1.07 0.00	36.92 -1.38 0.00	38.70 -1.85 0.00	41.74 -2.34 0.00	36.09 -2.94 8.93	46.41 -3.10 0.00	33.56 -3.47 22.20	60.04 -5.17 17.13	66.09 -4.70 9.89	180.70 -10.37 0.00	158.80 -8.76 0.00	110.26 -6.47 0.00	68.51 -4.47 3.90	69.74 -5.51 6.35	58.93 -3.17 0.00	56.95 -2.55 0.00
WHAVSTOR_138KV_BK127 55557	47.31 1.67 0.00	41.60 1.61 0.00	41.22 1.67 0.00	39.71 1.52 0.00	37.02 1.55 0.00	37.58 1.55 0.00	41.74 1.56 0.00	40.09 1.81 0.00	43.92 1.92 0.00	6.15 1.88 34.04	23.76 2.14 18.93	24.24 2.54 22.39	50.06 3.04 0.94	52.73 3.22 0.00	63.12 3.89 0.00	87.83 5.49 0.00	86.39 5.70 0.00	204.21 13.14 0.00	178.60 11.04 0.00	123.97 7.24 0.00	81.28 4.41 0.01	85.06 3.70 0.24	64.87 2.77 0.00	61.92 2.42 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	47.31 1.67 0.00	41.60 1.61 0.00	41.22 1.67 0.00	39.71 1.52 0.00	37.02 1.55 0.00	37.58 1.55 0.00	41.74 1.56 0.00	40.09 1.81 0.00	43.92 1.92 0.00	6.15 1.88 34.04	23.76 2.14 18.93	24.24 2.54 22.39	50.06 3.04 0.94	52.73 3.22 0.00	63.12 3.89 0.00	87.83 5.49 0.00	86.39 5.70 0.00	204.21 13.14 0.00	178.60 11.04 0.00	123.97 7.24 0.00	81.28 4.41 0.01	85.06 3.70 0.24	64.87 2.77 0.00	61.92 2.42 0.00
WHITEHAL_115KV_TB1 80871	49.93 4.30 0.00	43.95 3.96 0.00	43.29 3.73 0.00	41.58 3.39 0.00	38.75 3.28 0.00	39.43 3.40 0.00	44.09 3.91 0.00	42.12 3.83 0.00	45.90 3.90 0.00	41.25 2.94 0.00	43.84 3.29 0.00	47.37 3.29 0.00	51.18 3.22 0.00	52.88 3.36 0.00	64.03 4.80 0.00	89.50 7.16 0.00	87.90 7.22 0.00	209.44 18.37 0.00	183.96 16.40 0.00	126.99 10.26 0.00	83.24 6.36 0.00	87.94 6.33 0.00	66.44 4.35 0.00	63.41 3.91 0.00
WHITEPLN_13_KV_LOAD 356215	48.17 2.54 0.00	42.38 2.39 0.00	41.96 2.40 0.00	40.39 2.20 0.00	37.64 2.16 0.00	38.21 2.18 0.00	42.46 2.28 0.00	40.80 2.52 0.00	44.74 2.74 0.00	65.31 2.67 -24.34	57.14 3.05 -13.54	63.65 3.56 -16.01	52.77 4.15 -0.67	53.85 4.34 0.00	64.49 5.26 0.00	89.80 7.45 0.00	88.38 7.70 0.00	208.99 17.91 0.00	182.85 15.29 0.00	126.83 10.10 0.00	83.16 6.30 0.01	86.99 5.62 0.24	66.30 4.21 0.00	63.21 3.71 0.00
WM_FLOYD_69_KV_BK2 356380	47.23 1.60 0.00	42.41 2.42 0.00	42.07 2.51 0.00	40.44 2.24 0.00	37.64 2.17 0.00	38.26 2.23 0.00	42.68 2.50 0.00	40.74 2.46 0.00	44.79 2.79 0.00	64.24 2.64 -23.30	56.94 3.43 -12.96	63.62 3.95 -15.59	54.88 5.15 -1.79	54.33 4.76 -0.06	64.21 4.98 0.00	89.49 7.14 -0.01	129.92 7.52 -41.72	264.62 17.62 -55.93	321.03 15.14 -138.32	129.37 9.53 -3.11	80.38 5.97 2.47	82.59 5.37 4.39	59.39 3.66 6.37	58.40 3.43 4.53
WOODARD___115KV_TB2 355635	45.15 -0.49 0.00	39.49 -0.50 0.00	39.03 -0.55 -0.02	37.63 -0.56 0.00	34.93 -0.54 0.00	35.47 -0.57 0.00	39.50 -0.67 0.00	37.79 -0.50 0.00	41.43 -0.58 0.00	37.74 -0.56 0.00	39.95 -0.60 0.00	43.50 -0.59 0.00	47.38 -0.57 0.00	48.88 -0.64 0.00	59.17 -0.65 -0.59	84.58 -1.01 -3.25	85.24 -0.98 -5.54	196.06 -2.23 -7.22	166.73 -1.74 -0.91	116.11 -1.10 -0.48	76.41 -0.91 -0.45	81.89 -1.43 -1.71	61.82 -0.98 -0.70	59.36 -1.01 -0.87
WOODMERE_69_KV_BK1 55827	48.15 2.52 0.00	42.73 2.74 0.00	42.33 2.78 0.00	40.73 2.54 0.00	37.91 2.44 0.00	38.49 2.46 0.00	42.76 2.58 0.00	41.02 2.74 0.00	45.02 3.02 0.00	64.55 2.94 -23.30	57.10 3.58 -12.96	63.81 4.14 -15.59	54.76 5.03 -1.78	54.87 4.92 -0.43	64.82 5.59 0.00	90.32 7.97 -0.01	88.51 7.83 0.00	209.28 18.21 0.00	183.21 15.65 0.00	126.96 10.21 -0.02	107.56 6.44 -24.25	112.01 5.78 -24.63	103.86 4.25 -37.51	129.85 4.20 -66.14
YORK___WARBASSE 23770	47.87 2.23 0.00	42.13 2.14 0.00	41.71 2.15 0.00	40.11 1.92 0.00	37.41 1.94 0.00	37.98 1.95 0.00	42.18 2.01 0.00	40.59 2.31 0.00	44.50 2.49 0.00	64.17 2.48 -23.39	56.46 2.90 -13.01	62.87 3.41 -15.38	52.50 3.89 -0.65	53.52 4.00 0.00	63.93 4.70 -0.01	88.92 6.57 0.00	87.53 6.85 0.00	206.89 15.82 0.00	180.91 13.34 0.00	125.44 8.71 0.00	82.27 5.41 0.01	86.00 4.62 0.24	65.57 3.47 0.00	62.61 3.11 0.00