

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

03/12/2026

Generator Data

Generator 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
59TH STREET_GT_1 24138	36.81 1.45 0.00	37.82 1.35 0.00	42.50 1.55 0.00	38.61 1.41 0.00	42.57 1.45 0.00	45.92 1.79 0.00	69.20 2.62 0.00	145.42 5.77 0.00	171.31 6.65 0.00	193.96 8.26 0.00	56.30 2.81 -0.07	65.75 3.41 -0.25	57.06 3.09 0.00	52.01 2.94 0.00	54.43 3.19 0.00	76.14 4.29 0.00	80.16 4.50 0.00	86.01 4.74 0.00	81.19 4.19 0.00	84.54 4.16 0.00	152.80 6.87 0.00	112.57 4.24 0.00	139.92 3.80 0.00	65.91 1.93 0.00
74TH STREET_GT_1 24260	36.88 1.52 0.00	37.89 1.42 0.00	42.58 1.64 0.00	38.68 1.48 0.00	42.66 1.54 0.00	46.01 1.88 0.00	69.33 2.75 0.00	145.72 6.07 0.00	171.64 6.98 0.00	194.29 8.60 0.00	56.36 2.91 -0.02	65.69 3.52 -0.09	57.18 3.20 0.00	52.11 3.03 0.00	54.52 3.29 0.00	76.28 4.42 0.00	80.34 4.68 0.00	86.16 4.89 0.00	81.35 4.35 0.00	84.76 4.38 0.00	153.20 7.27 0.00	112.89 4.56 0.00	140.33 4.21 0.00	66.12 2.14 0.00
74TH STREET_GT_2 24261	36.88 1.52 0.00	37.89 1.42 0.00	42.58 1.64 0.00	38.68 1.48 0.00	42.66 1.54 0.00	46.01 1.88 0.00	69.33 2.75 0.00	145.72 6.07 0.00	171.64 6.98 0.00	194.29 8.60 0.00	56.36 2.91 -0.02	65.69 3.52 -0.09	57.18 3.20 0.00	52.11 3.03 0.00	54.52 3.29 0.00	76.28 4.42 0.00	80.34 4.68 0.00	86.16 4.89 0.00	81.35 4.35 0.00	84.76 4.38 0.00	153.20 7.27 0.00	112.89 4.56 0.00	140.33 4.21 0.00	66.12 2.14 0.00
ADK HUDSON__FALLS 24011	36.99 1.63 0.00	38.06 1.59 0.00	42.69 1.74 0.00	38.67 1.47 0.00	42.95 1.83 0.00	46.13 2.00 0.00	69.65 3.07 0.00	145.69 6.04 0.00	171.91 7.25 0.00	193.53 7.84 0.00	55.74 2.31 0.00	65.03 2.94 0.00	56.88 2.91 0.00	51.74 2.67 0.00	53.88 2.65 0.00	76.01 4.16 0.00	80.17 4.50 0.00	86.46 5.18 0.00	81.87 4.87 0.00	84.96 4.59 0.00	153.81 7.87 0.00	113.25 4.93 0.00	141.80 5.68 0.00	66.16 2.18 0.00
ADK RESOURCE__RCVRY 23798	37.13 1.77 0.00	38.15 1.68 0.00	42.77 1.82 0.00	38.69 1.49 0.00	43.04 1.92 0.00	46.27 2.13 0.00	69.78 3.20 0.00	145.98 6.32 0.00	172.27 7.61 0.00	193.99 8.30 0.00	55.86 2.44 0.00	65.25 3.17 0.00	57.14 3.17 0.00	52.00 2.92 0.00	54.08 2.85 0.00	76.36 4.51 0.00	80.61 4.94 0.00	87.10 5.83 0.00	82.46 5.45 0.00	85.35 4.97 0.00	154.42 8.49 0.00	113.57 5.24 0.00	142.36 6.24 0.00	66.37 2.39 0.00
ADK S GLENS__FALLS 24028	36.99 1.63 0.00	38.06 1.59 0.00	42.69 1.74 0.00	38.67 1.47 0.00	42.95 1.83 0.00	46.13 2.00 0.00	69.65 3.07 0.00	145.69 6.04 0.00	171.91 7.25 0.00	193.53 7.84 0.00	55.74 2.31 0.00	65.03 2.94 0.00	56.88 2.91 0.00	51.74 2.67 0.00	53.88 2.65 0.00	76.01 4.16 0.00	80.17 4.50 0.00	86.46 5.18 0.00	81.87 4.87 0.00	84.96 4.59 0.00	153.81 7.87 0.00	113.25 4.93 0.00	141.80 5.68 0.00	66.16 2.18 0.00
ADK_NYS__DAM 23527	36.31 0.95 0.00	37.52 1.05 0.00	42.10 1.15 0.00	38.14 0.93 0.00	42.29 1.17 0.00	45.13 1.00 0.00	67.99 1.41 0.00	141.20 1.55 0.00	166.68 2.02 0.00	187.71 2.01 0.00	54.29 0.87 0.00	63.33 1.24 0.00	55.45 1.48 0.00	50.53 1.46 0.00	52.69 1.46 0.00	74.33 2.47 0.00	78.14 2.47 0.00	83.34 2.06 0.00	78.74 1.73 0.00	81.63 1.25 0.00	147.71 1.78 0.00	109.69 1.36 0.00	138.45 2.34 0.00	64.80 0.82 0.00
AIR_PRODUCTS__DRP 24190	36.15 0.79 0.00	37.29 0.82 0.00	41.85 0.90 0.00	38.01 0.81 0.00	42.04 0.92 0.00	45.04 0.91 0.00	67.91 1.33 0.00	142.02 2.37 0.00	167.56 2.90 0.00	188.97 3.28 0.00	54.57 1.15 0.00	63.53 1.45 0.00	55.45 1.47 0.00	50.48 1.40 0.00	52.69 1.46 0.00	74.02 2.17 0.00	77.90 2.24 0.00	83.57 2.30 0.00	79.00 1.99 0.00	82.22 1.84 0.00	149.01 3.08 0.00	110.37 2.04 0.00	138.67 2.55 0.00	65.15 1.17 0.00
AKWESSNE_115KV_BK 355683	35.54 0.18 0.00	36.76 0.29 0.00	41.18 0.23 0.00	37.36 0.16 0.00	41.29 0.17 0.00	44.38 0.25 0.00	66.50 -0.07 0.00	139.36 -0.30 0.00	164.39 -0.27 0.00	185.07 -0.63 0.00	52.98 -0.45 0.00	61.42 -0.67 0.00	53.29 -0.69 0.00	48.37 -0.70 0.00	50.41 -0.83 0.00	70.71 -1.15 0.00	74.43 -1.24 0.00	80.10 -1.18 0.00	75.91 -1.10 0.00	79.37 -1.01 0.00	144.27 -1.66 0.00	107.78 -0.55 0.00	136.08 -0.04 0.00	16.07 0.33 48.25
ALBANY_1_SOLAR 323833	36.35 0.99 0.00	37.51 1.04 0.00	42.10 1.16 0.00	38.25 1.05 0.00	42.31 1.19 0.00	45.36 1.23 0.00	68.44 1.87 0.00	143.24 3.59 0.00	168.86 4.20 0.00	190.20 4.51 0.00	54.82 1.39 0.00	63.83 1.74 0.00	55.68 1.70 0.00	50.67 1.59 0.00	52.90 1.67 0.00	74.32 2.46 0.00	78.25 2.59 0.00	84.10 2.83 0.00	79.60 2.59 0.00	82.92 2.54 0.00	150.28 4.35 0.00	111.36 3.03 0.00	139.85 3.73 0.00	65.71 1.73 0.00
ALBANY_2_SOLAR 323834	36.34 0.98 0.00	37.50 1.03 0.00	42.10 1.15 0.00	38.24 1.04 0.00	42.30 1.18 0.00	45.34 1.21 0.00	68.42 1.84 0.00	143.16 3.51 0.00	168.80 4.14 0.00	190.16 4.46 0.00	54.81 1.38 0.00	63.81 1.72 0.00	55.66 1.68 0.00	50.65 1.58 0.00	52.87 1.64 0.00	74.30 2.45 0.00	78.24 2.57 0.00	84.08 2.80 0.00	79.58 2.58 0.00	82.89 2.51 0.00	150.21 4.28 0.00	111.31 2.98 0.00	139.79 3.67 0.00	65.69 1.70 0.00
ALBANY__1 23571	36.15 0.79 0.00	37.29 0.82 0.00	41.85 0.90 0.00	38.01 0.81 0.00	42.04 0.92 0.00	45.04 0.91 0.00	67.91 1.33 0.00	142.02 2.37 0.00	167.56 2.90 0.00	188.97 3.28 0.00	54.57 1.15 0.00	63.53 1.45 0.00	55.45 1.47 0.00	50.48 1.40 0.00	52.69 1.46 0.00	74.02 2.17 0.00	77.90 2.24 0.00	83.57 2.30 0.00	79.00 1.99 0.00	82.22 1.84 0.00	149.01 3.08 0.00	110.37 2.04 0.00	138.67 2.55 0.00	65.15 1.17 0.00

ALBANY__2 23572	36.15 0.79 0.00	37.29 0.82 0.00	41.85 0.90 0.00	38.01 0.81 0.00	42.04 0.92 0.00	45.04 0.91 0.00	67.91 1.33 0.00	142.02 2.37 0.00	167.56 2.90 0.00	188.97 3.28 0.00	54.57 1.15 0.00	63.53 1.45 0.00	55.45 1.47 0.00	50.48 1.40 0.00	52.69 1.46 0.00	74.02 2.17 0.00	77.90 2.24 0.00	83.57 2.30 0.00	79.00 1.99 0.00	82.22 1.84 0.00	149.01 3.08 0.00	110.37 2.04 0.00	138.67 2.55 0.00	65.15 1.17 0.00
ALBANY__3 23573	36.15 0.79 0.00	37.29 0.82 0.00	41.85 0.90 0.00	38.01 0.81 0.00	42.04 0.92 0.00	45.04 0.91 0.00	67.91 1.33 0.00	142.02 2.37 0.00	167.56 2.90 0.00	188.97 3.28 0.00	54.57 1.15 0.00	63.53 1.45 0.00	55.45 1.47 0.00	50.48 1.40 0.00	52.69 1.46 0.00	74.02 2.17 0.00	77.90 2.24 0.00	83.57 2.30 0.00	79.00 1.99 0.00	82.22 1.84 0.00	149.01 3.08 0.00	110.37 2.04 0.00	138.67 2.55 0.00	65.15 1.17 0.00
ALBANY__4 23574	36.15 0.79 0.00	37.29 0.82 0.00	41.85 0.90 0.00	38.01 0.81 0.00	42.04 0.92 0.00	45.04 0.91 0.00	67.91 1.33 0.00	142.02 2.37 0.00	167.56 2.90 0.00	188.97 3.28 0.00	54.57 1.15 0.00	63.53 1.45 0.00	55.45 1.47 0.00	50.48 1.40 0.00	52.69 1.46 0.00	74.02 2.17 0.00	77.90 2.24 0.00	83.57 2.30 0.00	79.00 1.99 0.00	82.22 1.84 0.00	149.01 3.08 0.00	110.37 2.04 0.00	138.67 2.55 0.00	65.15 1.17 0.00
ALBANY__LFG 323615	36.32 0.96 0.00	37.45 0.98 0.00	42.04 1.09 0.00	38.18 0.97 0.00	42.23 1.11 0.00	45.24 1.11 0.00	68.26 1.69 0.00	142.84 3.19 0.00	168.54 3.88 0.00	190.10 4.40 0.00	54.89 1.46 0.00	63.90 1.81 0.00	55.78 1.81 0.00	50.76 1.69 0.00	52.97 1.74 0.00	74.46 2.61 0.00	78.37 2.70 0.00	84.08 2.81 0.00	79.47 2.47 0.00	82.73 2.35 0.00	149.88 3.95 0.00	111.04 2.71 0.00	139.43 3.31 0.00	65.51 1.53 0.00
ALCOA_PA_115KV_PL-6C 55860	35.77 0.41 0.00	37.00 0.53 0.00	41.46 0.52 0.00	37.63 0.43 0.00	41.58 0.45 0.00	44.75 0.62 0.00	67.08 0.51 0.00	141.03 1.38 0.00	166.40 1.74 0.00	187.06 1.36 0.00	53.51 0.08 0.00	62.01 -0.08 0.00	53.72 -0.25 0.00	48.70 -0.37 0.00	50.78 -0.45 0.00	71.31 -0.54 0.00	75.04 -0.63 0.00	80.78 -0.49 0.00	76.61 -0.39 0.00	80.18 -0.20 0.00	145.77 -0.16 0.00	109.09 0.76 0.00	137.78 1.66 0.00	517.34 1.13 -452.23
ALCOA_RYNLDS__DRP 24188	35.77 0.40 0.00	37.00 0.53 0.00	41.46 0.52 0.00	37.63 0.43 0.00	41.58 0.45 0.00	44.74 0.61 0.00	67.08 0.51 0.00	141.04 1.39 0.00	166.38 1.72 0.00	187.07 1.38 0.00	53.50 0.08 0.00	62.01 -0.08 0.00	53.73 -0.25 0.00	48.70 -0.37 0.00	50.78 -0.45 0.00	71.31 -0.54 0.00	75.04 -0.63 0.00	80.77 -0.51 0.00	76.60 -0.40 0.00	80.18 -0.20 0.00	145.76 -0.17 0.00	109.08 0.75 0.00	137.82 1.71 0.00	517.34 1.13 -452.23
ALCOA__DSASP 323711	35.77 0.40 0.00	37.00 0.53 0.00	41.46 0.52 0.00	37.63 0.43 0.00	41.58 0.45 0.00	44.74 0.61 0.00	67.08 0.51 0.00	141.04 1.39 0.00	166.38 1.72 0.00	187.07 1.38 0.00	53.50 0.08 0.00	62.01 -0.08 0.00	53.73 -0.25 0.00	48.70 -0.37 0.00	50.78 -0.45 0.00	71.31 -0.54 0.00	75.04 -0.63 0.00	80.77 -0.51 0.00	76.60 -0.40 0.00	80.18 -0.20 0.00	145.76 -0.17 0.00	109.08 0.75 0.00	137.82 1.71 0.00	517.34 1.13 -452.23
ALLEGHENY__COGEN 23514	42.36 -1.04 -8.04	36.55 -1.07 -1.15	38.64 -1.22 1.09	34.48 -0.82 1.89	37.83 -0.64 2.66	41.51 -0.67 1.96	104.06 -0.38 -37.86	194.38 0.21 -54.52	165.92 -0.42 -1.67	198.79 -1.70 -14.79	97.17 -0.96 -44.70	110.04 -1.75 -49.71	95.03 -1.82 -42.87	90.09 -1.61 -42.63	102.56 -1.78 -53.10	132.87 -3.06 -64.08	114.20 -3.29 -41.83	89.23 -3.21 -11.17	109.64 -1.77 -34.40	133.17 -0.34 -53.13	174.49 0.36 -28.20	106.50 0.98 2.80	133.35 2.08 4.84	61.31 0.67 3.34
ALTMONT_115KV_TB 2 55880	35.95 0.59 0.00	37.09 0.62 0.00	41.64 0.69 0.00	37.82 0.62 0.00	41.82 0.70 0.00	44.83 0.70 0.00	67.61 1.04 0.00	141.57 1.92 0.00	166.93 2.27 0.00	188.30 2.61 0.00	54.32 0.90 0.00	63.18 1.10 0.00	55.09 1.12 0.00	50.15 1.08 0.00	52.33 1.10 0.00	73.51 1.66 0.00	77.41 1.74 0.00	83.09 1.81 0.00	78.58 1.58 0.00	81.87 1.49 0.00	148.41 2.48 0.00	109.93 1.61 0.00	137.98 1.86 0.00	64.85 0.87 0.00
ALTONA_WT_PWR 323606	35.35 -0.01 0.00	36.54 0.07 0.00	40.90 -0.05 0.00	36.76 -0.44 0.00	40.53 -0.60 0.00	43.58 -0.55 0.00	65.59 -0.99 0.00	137.38 -2.27 0.00	162.26 -2.40 0.00	183.13 -2.56 0.00	52.56 -0.86 0.00	60.93 -1.16 0.00	52.90 -1.07 0.00	47.95 -1.12 0.00	49.89 -1.34 0.00	70.17 -1.68 0.00	73.90 -1.76 0.00	79.28 -1.99 0.00	74.72 -2.29 0.00	77.92 -2.46 0.00	142.41 -3.52 0.00	107.12 -1.21 0.00	136.08 -0.04 0.00	64.33 0.34 0.00
AMERICAN_REF_FUEL 24010	29.75 -3.31 2.30	32.79 -3.38 0.31	30.33 -3.87 6.74	22.36 -3.07 11.76	21.45 -3.17 16.51	28.13 -3.84 12.15	50.29 -6.10 10.19	110.13 -12.69 16.83	143.16 -15.52 5.98	163.63 -17.98 4.08	29.23 -5.57 18.62	40.69 -6.63 14.76	25.47 -6.56 21.94	23.48 -6.02 19.58	25.97 -6.18 19.08	34.57 -9.18 28.11	25.40 -9.51 40.76	19.78 -9.86 51.64	19.78 -8.77 48.46	22.61 -8.70 49.07	110.58 -15.90 19.45	80.08 -10.85 17.39	93.71 -12.36 30.04	36.91 -6.31 20.76
ARKWRIGHT__SUMMIT_WT_PWR 323751	29.81 -3.24 2.31	32.87 -3.30 0.31	29.05 -3.49 8.42	20.08 -2.43 14.69	18.14 -2.37 20.62	26.08 -2.88 15.18	52.37 -4.09 10.13	115.10 -7.30 17.25	148.09 -8.78 7.79	171.26 -9.56 4.88	29.26 -3.77 20.40	42.48 -4.61 14.99	24.98 -4.66 24.34	23.37 -4.28 21.43	26.64 -4.47 20.12	34.32 -6.97 30.57	21.52 -7.34 46.81	12.95 -7.30 61.02	14.60 -5.88 56.53	18.78 -4.91 56.68	116.65 -7.05 22.22	82.13 -4.48 21.72	93.85 -4.75 37.52	35.26 -2.80 25.93
ARTHUR KILL_GT_1 23520	36.87 1.52 0.00	37.88 1.41 0.00	42.59 1.64 0.00	38.69 1.49 0.00	42.65 1.52 0.00	45.98 1.85 0.00	69.24 2.66 0.00	145.33 5.68 0.00	170.77 6.11 0.00	192.78 7.09 0.00	55.42 2.45 0.46	63.20 2.80 1.69	56.62 2.65 0.00	51.69 2.62 0.00	53.98 2.75 0.00	75.52 3.66 0.00	79.41 3.75 0.00	85.16 3.88 0.00	80.43 3.42 0.00	83.81 3.43 0.00	151.61 5.68 0.00	111.68 3.36 0.01	138.81 2.69 0.00	63.86 1.79 1.92
ARTHUR_KILL_2 23512	36.79 1.43 0.00	37.81 1.34 0.00	42.49 1.54 0.00	38.61 1.40 0.00	42.54 1.42 0.00	45.88 1.75 0.00	69.07 2.50 0.00	144.91 5.26 0.00	170.34 5.68 0.00	192.35 6.65 0.00	55.19 2.22 0.46	63.01 2.61 1.69	56.52 2.54 0.00	51.54 2.47 0.00	53.86 2.63 0.00	75.33 3.47 0.00	79.22 3.55 0.00	84.92 3.65 0.00	80.22 3.21 0.00	83.56 3.18 0.00	151.14 5.21 0.00	111.35 3.03 0.01	138.41 2.29 0.00	63.69 1.62 1.92
ARTHUR_KILL_3 23513	36.56 1.20 0.00	37.55 1.08 0.00	42.20 1.25 0.00	38.34 1.14 0.00	42.25 1.13 0.00	45.56 1.43 0.00	68.59 2.02 0.00	143.98 4.33 0.01	168.02 5.02 1.66	189.73 6.34 2.31	52.67 2.27 3.02	57.88 2.80 7.00	53.41 2.60 3.17	51.52 2.47 0.03	53.34 2.69 0.59	75.44 3.59 0.01	-32.72 3.78 112.17	64.79 3.98 20.46	62.69 3.48 17.79	67.36 3.48 16.50	127.45 5.69 24.16	91.78 3.39 19.94	118.37 2.73 20.47	60.91 1.45 4.52

ARTHUR_KILL_COGEN 323718	36.87 1.52 0.00	37.88 1.41 0.00	42.59 1.64 0.00	38.69 1.49 0.00	42.65 1.52 0.00	45.99 1.86 0.00	69.24 2.66 0.00	145.25 5.60 0.00	170.77 6.11 0.00	192.80 7.10 0.00	55.34 2.37 0.46	63.15 2.75 1.69	56.64 2.67 0.00	51.68 2.60 0.00	53.99 2.76 0.00	75.54 3.68 0.00	79.43 3.77 0.00	85.16 3.89 0.00	80.44 3.43 0.00	83.80 3.43 0.00	151.57 5.64 0.00	111.68 3.35 0.01	138.82 2.70 0.00	63.85 1.79 1.92
ASHOKAN____ 23654	36.29 0.93 0.00	37.33 0.86 0.00	41.98 1.03 0.00	38.12 0.92 0.00	42.13 1.00 0.00	45.31 1.18 0.00	68.60 2.02 0.00	144.26 4.61 0.00	170.47 5.81 0.00	192.93 7.24 0.00	55.72 2.30 0.00	64.86 2.77 0.00	56.57 2.59 0.00	51.58 2.51 0.00	54.00 2.77 0.00	75.72 3.87 0.00	79.57 3.91 0.00	85.83 4.56 0.00	81.35 4.35 0.00	84.82 4.44 0.00	153.66 7.73 0.00	113.40 5.07 0.00	141.55 5.43 0.00	66.40 2.42 0.00
ASTORIA_EAST_ENERGY_CC1 323581	36.65 1.29 0.00	37.60 1.13 0.00	42.25 1.31 0.00	38.40 1.20 0.00	42.30 1.17 0.00	45.66 1.52 0.00	68.84 2.26 0.00	144.49 4.84 0.00	170.28 5.62 0.00	192.29 6.60 0.00	55.79 2.33 -0.04	65.02 2.81 -0.13	56.64 2.67 0.00	51.60 2.53 0.00	53.98 2.75 0.00	75.54 3.69 0.00	79.49 3.83 0.00	85.26 3.99 0.00	80.41 3.41 0.00	83.83 3.45 0.00	151.47 5.54 0.00	111.64 3.31 0.00	138.56 2.45 0.00	65.56 1.58 0.00
ASTORIA_EAST_ENERGY_CC2 323582	36.65 1.29 0.00	37.60 1.13 0.00	42.25 1.31 0.00	38.40 1.20 0.00	42.30 1.17 0.00	45.66 1.52 0.00	68.84 2.26 0.00	144.49 4.84 0.00	170.28 5.62 0.00	192.29 6.60 0.00	55.79 2.33 -0.04	65.02 2.80 -0.13	56.64 2.67 0.00	51.60 2.53 0.00	53.98 2.75 0.00	75.54 3.69 0.00	79.49 3.83 0.00	85.26 3.99 0.00	80.40 3.40 0.00	83.83 3.45 0.00	151.47 5.54 0.00	111.64 3.31 0.00	138.56 2.45 0.00	65.56 1.58 0.00
ASTORIA_GT2_1 24094	36.67 1.31 0.00	37.62 1.15 0.00	42.27 1.32 0.00	38.41 1.21 0.00	42.31 1.19 0.00	45.67 1.54 0.00	68.87 2.29 0.00	144.61 4.96 0.00	170.34 5.68 0.00	192.43 6.74 0.00	55.85 2.39 -0.04	65.07 2.86 -0.13	56.66 2.69 0.00	51.64 2.57 0.00	53.99 2.76 0.00	75.58 3.72 0.00	79.50 3.83 0.00	85.28 4.00 0.00	80.44 3.44 0.00	83.85 3.47 0.00	151.58 5.65 0.00	111.68 3.35 0.00	138.71 2.60 0.00	65.59 1.60 0.00
ASTORIA_GT2_2 24095	36.67 1.31 0.00	37.62 1.15 0.00	42.27 1.32 0.00	38.41 1.21 0.00	42.31 1.19 0.00	45.67 1.54 0.00	68.87 2.29 0.00	144.61 4.96 0.00	170.34 5.68 0.00	192.43 6.74 0.00	55.85 2.39 -0.04	65.07 2.86 -0.13	56.66 2.69 0.00	51.64 2.57 0.00	53.99 2.76 0.00	75.58 3.72 0.00	79.50 3.83 0.00	85.28 4.00 0.00	80.44 3.44 0.00	83.85 3.47 0.00	151.58 5.65 0.00	111.68 3.35 0.00	138.71 2.60 0.00	65.59 1.60 0.00
ASTORIA_GT2_3 24096	36.67 1.31 0.00	37.62 1.15 0.00	42.27 1.32 0.00	38.41 1.21 0.00	42.31 1.19 0.00	45.67 1.54 0.00	68.87 2.29 0.00	144.61 4.96 0.00	170.34 5.68 0.00	192.43 6.74 0.00	55.85 2.39 -0.04	65.07 2.86 -0.13	56.66 2.69 0.00	51.64 2.57 0.00	53.99 2.76 0.00	75.58 3.72 0.00	79.50 3.83 0.00	85.28 4.00 0.00	80.44 3.44 0.00	83.85 3.47 0.00	151.58 5.65 0.00	111.68 3.35 0.00	138.71 2.60 0.00	65.59 1.60 0.00
ASTORIA_GT2_4 24097	36.67 1.31 0.00	37.62 1.15 0.00	42.27 1.32 0.00	38.41 1.21 0.00	42.31 1.19 0.00	45.67 1.54 0.00	68.87 2.29 0.00	144.61 4.96 0.00	170.34 5.68 0.00	192.43 6.74 0.00	55.85 2.39 -0.04	65.07 2.86 -0.13	56.66 2.69 0.00	51.64 2.57 0.00	53.99 2.76 0.00	75.58 3.72 0.00	79.50 3.83 0.00	85.28 4.00 0.00	80.44 3.44 0.00	83.85 3.47 0.00	151.58 5.65 0.00	111.68 3.35 0.00	138.71 2.60 0.00	65.59 1.60 0.00
ASTORIA_GT3_1 24098	36.67 1.31 0.00	37.62 1.15 0.00	42.27 1.32 0.00	38.41 1.21 0.00	42.31 1.19 0.00	45.67 1.54 0.00	68.87 2.29 0.00	144.61 4.96 0.00	170.34 5.68 0.00	192.43 6.74 0.00	55.85 2.39 -0.04	65.07 2.86 -0.13	56.66 2.69 0.00	51.64 2.57 0.00	53.99 2.76 0.00	75.58 3.72 0.00	79.50 3.83 0.00	85.28 4.00 0.00	80.44 3.44 0.00	83.85 3.47 0.00	151.58 5.65 0.00	111.68 3.35 0.00	138.71 2.60 0.00	65.59 1.60 0.00
ASTORIA_GT3_2 24099	36.67 1.31 0.00	37.62 1.15 0.00	42.27 1.32 0.00	38.41 1.21 0.00	42.31 1.19 0.00	45.67 1.54 0.00	68.87 2.29 0.00	144.61 4.96 0.00	170.34 5.68 0.00	192.43 6.74 0.00	55.85 2.39 -0.04	65.07 2.86 -0.13	56.66 2.69 0.00	51.64 2.57 0.00	53.99 2.76 0.00	75.58 3.72 0.00	79.50 3.83 0.00	85.28 4.00 0.00	80.44 3.44 0.00	83.85 3.47 0.00	151.58 5.65 0.00	111.68 3.35 0.00	138.71 2.60 0.00	65.59 1.60 0.00
ASTORIA_GT3_3 24100	36.67 1.31 0.00	37.62 1.15 0.00	42.27 1.32 0.00	38.41 1.21 0.00	42.31 1.19 0.00	45.67 1.54 0.00	68.87 2.29 0.00	144.61 4.96 0.00	170.34 5.68 0.00	192.43 6.74 0.00	55.85 2.39 -0.04	65.07 2.86 -0.13	56.66 2.69 0.00	51.64 2.57 0.00	53.99 2.76 0.00	75.58 3.72 0.00	79.50 3.83 0.00	85.28 4.00 0.00	80.44 3.44 0.00	83.85 3.47 0.00	151.58 5.65 0.00	111.68 3.35 0.00	138.71 2.60 0.00	65.59 1.60 0.00
ASTORIA_GT3_4 24101	36.67 1.31 0.00	37.62 1.15 0.00	42.27 1.32 0.00	38.41 1.21 0.00	42.31 1.19 0.00	45.67 1.54 0.00	68.87 2.29 0.00	144.61 4.96 0.00	170.34 5.68 0.00	192.43 6.74 0.00	55.85 2.39 -0.04	65.07 2.86 -0.13	56.66 2.69 0.00	51.64 2.57 0.00	53.99 2.76 0.00	75.58 3.72 0.00	79.50 3.83 0.00	85.28 4.00 0.00	80.44 3.44 0.00	83.85 3.47 0.00	151.58 5.65 0.00	111.68 3.35 0.00	138.71 2.60 0.00	65.59 1.60 0.00
ASTORIA_GT4_1 24102	36.67 1.31 0.00	37.62 1.15 0.00	42.27 1.32 0.00	38.41 1.21 0.00	42.31 1.19 0.00	45.67 1.54 0.00	68.87 2.29 0.00	144.61 4.96 0.00	170.34 5.68 0.00	192.43 6.74 0.00	55.85 2.39 -0.04	65.07 2.86 -0.13	56.66 2.69 0.00	51.64 2.57 0.00	53.99 2.76 0.00	75.58 3.72 0.00	79.50 3.83 0.00	85.28 4.00 0.00	80.44 3.44 0.00	83.85 3.47 0.00	151.58 5.65 0.00	111.68 3.35 0.00	138.71 2.60 0.00	65.59 1.60 0.00
ASTORIA_GT4_2 24103	36.67 1.31 0.00	37.62 1.15 0.00	42.27 1.32 0.00	38.41 1.21 0.00	42.31 1.19 0.00	45.67 1.54 0.00	68.87 2.29 0.00	144.61 4.96 0.00	170.34 5.68 0.00	192.43 6.74 0.00	55.85 2.39 -0.04	65.07 2.86 -0.13	56.66 2.69 0.00	51.64 2.57 0.00	53.99 2.76 0.00	75.58 3.72 0.00	79.50 3.83 0.00	85.28 4.00 0.00	80.44 3.44 0.00	83.85 3.47 0.00	151.58 5.65 0.00	111.68 3.35 0.00	138.71 2.60 0.00	65.59 1.60 0.00
ASTORIA_GT4_3 24104	36.67 1.31 0.00	37.62 1.15 0.00	42.27 1.32 0.00	38.41 1.21 0.00	42.31 1.19 0.00	45.67 1.54 0.00	68.87 2.29 0.00	144.61 4.96 0.00	170.34 5.68 0.00	192.43 6.74 0.00	55.85 2.39 -0.04	65.07 2.86 -0.13	56.66 2.69 0.00	51.64 2.57 0.00	53.99 2.76 0.00	75.58 3.72 0.00	79.50 3.83 0.00	85.28 4.00 0.00	80.44 3.44 0.00	83.85 3.47 0.00	151.58 5.65 0.00	111.68 3.35 0.00	138.71 2.60 0.00	65.59 1.60 0.00

ASTORIA_GT4_4 24105	36.67 1.31 0.00	37.62 1.15 0.00	42.27 1.32 0.00	38.41 1.21 0.00	42.31 1.19 0.00	45.67 1.54 0.00	68.87 2.29 0.00	144.61 4.96 0.00	170.34 5.68 0.00	192.43 6.74 0.00	55.85 2.39 -0.04	65.07 2.86 -0.13	56.66 2.69 0.00	51.64 2.57 0.00	53.99 2.76 0.00	75.58 3.72 0.00	79.50 3.83 0.00	85.28 4.00 0.00	80.44 3.44 0.00	83.85 3.47 0.00	151.58 5.65 0.00	111.68 3.35 0.00	138.71 2.60 0.00	65.59 1.60 0.00
ASTORIA_GT_1 23523	36.72 1.36 0.00	37.67 1.20 0.00	42.32 1.37 0.00	38.46 1.26 0.00	42.37 1.24 0.00	45.74 1.61 0.00	68.98 2.40 0.00	144.89 5.23 0.00	170.67 6.01 0.00	192.78 7.09 0.00	55.95 2.50 -0.04	65.19 2.98 -0.13	56.77 2.80 0.00	51.74 2.67 0.00	54.09 2.86 0.00	75.72 3.87 0.00	79.66 3.99 0.00	85.46 4.19 0.00	80.59 3.59 0.00	84.02 3.64 0.00	151.87 5.94 0.00	111.90 3.57 0.00	138.89 2.77 0.00	65.70 1.72 0.00
ASTORIA_GT_10 24110	36.81 1.45 0.00	37.80 1.33 0.00	42.48 1.53 0.00	38.59 1.39 0.00	42.53 1.41 0.00	45.88 1.75 0.00	69.10 2.53 0.00	145.17 5.51 0.00	170.97 6.31 0.00	193.28 7.59 0.00	56.32 2.65 -0.24	66.14 3.15 -0.90	56.89 2.91 0.00	51.87 2.80 0.00	54.24 3.00 0.00	75.88 4.03 0.00	79.85 4.18 0.00	85.65 4.38 0.00	80.83 3.83 0.00	84.21 3.83 0.00	152.21 6.28 0.00	112.18 3.85 0.00	139.37 3.26 0.00	65.82 1.83 0.00
ASTORIA_GT_11 24225	36.81 1.45 0.00	37.80 1.33 0.00	42.48 1.53 0.00	38.59 1.39 0.00	42.53 1.41 0.00	45.88 1.75 0.00	69.10 2.53 0.00	145.17 5.51 0.00	170.97 6.31 0.00	193.28 7.59 0.00	56.32 2.65 -0.24	66.14 3.15 -0.90	56.89 2.91 0.00	51.87 2.80 0.00	54.24 3.00 0.00	75.88 4.03 0.00	79.85 4.18 0.00	85.65 4.38 0.00	80.83 3.83 0.00	84.21 3.83 0.00	152.21 6.28 0.00	112.18 3.85 0.00	139.37 3.26 0.00	65.82 1.83 0.00
ASTORIA_GT_12 24226	36.81 1.45 0.00	37.80 1.33 0.00	42.48 1.53 0.00	38.59 1.39 0.00	42.53 1.41 0.00	45.88 1.75 0.00	69.10 2.53 0.00	145.17 5.51 0.00	170.97 6.31 0.00	193.28 7.59 0.00	56.32 2.65 -0.24	66.14 3.15 -0.90	56.89 2.91 0.00	51.87 2.80 0.00	54.24 3.00 0.00	75.88 4.03 0.00	79.85 4.18 0.00	85.65 4.38 0.00	80.83 3.83 0.00	84.21 3.83 0.00	152.21 6.28 0.00	112.18 3.85 0.00	139.37 3.26 0.00	65.82 1.83 0.00
ASTORIA_GT_13 24227	36.81 1.45 0.00	37.80 1.33 0.00	42.48 1.53 0.00	38.59 1.39 0.00	42.53 1.41 0.00	45.88 1.75 0.00	69.10 2.53 0.00	145.17 5.51 0.00	170.97 6.31 0.00	193.28 7.59 0.00	56.32 2.65 -0.24	66.14 3.15 -0.90	56.89 2.91 0.00	51.87 2.80 0.00	54.24 3.00 0.00	75.88 4.03 0.00	79.85 4.18 0.00	85.65 4.38 0.00	80.83 3.83 0.00	84.21 3.83 0.00	152.21 6.28 0.00	112.18 3.85 0.00	139.37 3.26 0.00	65.82 1.83 0.00
ASTORIA_GT_5 24106	36.72 1.36 0.00	37.67 1.20 0.00	42.32 1.37 0.00	38.46 1.26 0.00	42.37 1.24 0.00	45.74 1.61 0.00	68.98 2.40 0.00	144.89 5.23 0.00	170.67 6.01 0.00	192.78 7.09 0.00	55.95 2.50 -0.04	65.19 2.98 -0.13	56.77 2.80 0.00	51.74 2.67 0.00	54.09 2.86 0.00	75.72 3.87 0.00	79.66 3.99 0.00	85.46 4.19 0.00	80.59 3.59 0.00	84.02 3.64 0.00	151.87 5.94 0.00	111.90 3.57 0.00	138.89 2.77 0.00	65.70 1.72 0.00
ASTORIA_GT_7 24107	36.72 1.36 0.00	37.67 1.20 0.00	42.32 1.37 0.00	38.46 1.26 0.00	42.37 1.24 0.00	45.74 1.61 0.00	68.98 2.40 0.00	144.89 5.23 0.00	170.67 6.01 0.00	192.78 7.09 0.00	55.95 2.50 -0.04	65.19 2.98 -0.13	56.77 2.80 0.00	51.74 2.67 0.00	54.09 2.86 0.00	75.72 3.87 0.00	79.66 3.99 0.00	85.46 4.19 0.00	80.59 3.59 0.00	84.02 3.64 0.00	151.87 5.94 0.00	111.90 3.57 0.00	138.89 2.77 0.00	65.70 1.72 0.00
ASTORIA_GT_8 24108	36.72 1.36 0.00	37.67 1.20 0.00	42.32 1.37 0.00	38.46 1.26 0.00	42.37 1.24 0.00	45.74 1.61 0.00	68.98 2.40 0.00	144.89 5.23 0.00	170.67 6.01 0.00	192.78 7.09 0.00	55.95 2.50 -0.04	65.19 2.98 -0.13	56.77 2.80 0.00	51.74 2.67 0.00	54.09 2.86 0.00	75.72 3.87 0.00	79.66 3.99 0.00	85.46 4.19 0.00	80.59 3.59 0.00	84.02 3.64 0.00	151.87 5.94 0.00	111.90 3.57 0.00	138.89 2.77 0.00	65.70 1.72 0.00
ASTORIA___2 24149	36.67 1.31 0.00	37.62 1.15 0.00	42.28 1.33 0.00	38.41 1.22 0.00	42.31 1.19 0.00	45.68 1.55 0.00	68.86 2.29 0.00	144.60 4.95 0.00	170.36 5.70 0.00	192.44 6.75 0.00	55.83 2.37 -0.04	65.06 2.84 -0.13	56.67 2.70 0.00	51.63 2.56 0.00	54.00 2.77 0.00	75.58 3.72 0.00	79.52 3.86 0.00	85.29 4.02 0.00	80.45 3.44 0.00	83.85 3.47 0.00	151.49 5.56 0.00	111.72 3.39 0.00	138.60 2.48 0.00	65.58 1.60 0.00
ASTORIA___3 23516	36.80 1.44 0.00	37.80 1.33 0.00	42.48 1.54 0.00	38.59 1.39 0.00	42.53 1.41 0.00	45.90 1.77 0.00	69.10 2.53 0.00	145.08 5.43 0.00	170.98 6.32 0.00	193.28 7.58 0.00	56.30 2.63 -0.24	66.13 3.15 -0.90	56.89 2.92 0.00	51.87 2.80 0.00	54.25 3.02 0.00	75.89 4.03 0.00	79.87 4.21 0.00	85.66 4.39 0.00	80.85 3.84 0.00	84.21 3.83 0.00	152.21 6.28 0.00	112.18 3.85 0.00	139.38 3.26 0.00	65.81 1.83 0.00
ASTORIA___4 23517	36.81 1.45 0.00	37.80 1.33 0.00	42.48 1.53 0.00	38.59 1.39 0.00	42.53 1.41 0.00	45.88 1.75 0.00	69.10 2.53 0.00	145.16 5.51 0.00	170.96 6.30 0.00	193.28 7.59 0.00	56.32 2.65 -0.24	66.14 3.15 -0.90	56.89 2.91 0.00	51.87 2.80 0.00	54.23 3.00 0.00	75.88 4.03 0.00	79.85 4.18 0.00	85.65 4.37 0.00	80.83 3.83 0.00	84.21 3.83 0.00	152.20 6.27 0.00	112.18 3.85 0.00	139.37 3.26 0.00	65.81 1.83 0.00
ASTORIA___5 23518	36.80 1.44 0.00	37.80 1.33 0.00	42.48 1.54 0.00	38.59 1.39 0.00	42.53 1.41 0.00	45.90 1.77 0.00	69.10 2.53 0.00	145.08 5.43 0.00	170.98 6.32 0.00	193.32 7.62 0.00	56.30 2.63 -0.24	66.13 3.15 -0.90	56.89 2.92 0.00	51.87 2.80 0.00	54.25 3.02 0.00	75.89 4.03 0.00	79.87 4.21 0.00	85.66 4.39 0.00	80.85 3.84 0.00	84.21 3.83 0.00	152.21 6.28 0.00	112.18 3.85 0.00	139.38 3.26 0.00	65.83 1.84 0.00
AST_ENERGY_2_CC3 323677	36.69 1.33 0.00	37.69 1.22 0.00	42.37 1.42 0.00	38.48 1.28 0.00	42.43 1.31 0.00	45.76 1.63 0.00	68.91 2.33 0.00	144.75 5.10 0.00	170.55 5.90 0.00	193.03 7.33 0.00	55.96 2.53 0.00	65.18 3.09 0.00	56.81 2.84 0.00	51.77 2.69 0.00	54.17 2.94 0.00	75.79 3.94 0.00	79.82 4.16 0.00	85.65 4.38 0.00	80.84 3.83 0.00	84.20 3.82 0.00	152.22 6.29 0.00	112.22 3.89 0.00	139.49 3.38 0.00	65.71 1.73 0.00
AST_ENERGY_2_CC4 323678	36.69 1.33 0.00	37.69 1.22 0.00	42.37 1.42 0.00	38.48 1.28 0.00	42.43 1.31 0.00	45.76 1.63 0.00	68.91 2.33 0.00	144.75 5.10 0.00	170.55 5.90 0.00	193.03 7.33 0.00	55.96 2.53 0.00	65.18 3.09 0.00	56.81 2.84 0.00	51.77 2.69 0.00	54.17 2.94 0.00	75.79 3.94 0.00	79.82 4.16 0.00	85.65 4.38 0.00	80.84 3.83 0.00	84.20 3.82 0.00	152.22 6.29 0.00	112.22 3.89 0.00	139.49 3.38 0.00	65.71 1.73 0.00

ATHENS_STG_1 23668	35.70 0.34 0.00	36.71 0.24 0.00	41.32 0.37 0.00	37.51 0.31 0.00	41.40 0.28 0.00	44.58 0.45 0.00	67.21 0.63 0.00	140.96 1.31 0.00	166.12 1.45 0.00	187.87 2.18 0.00	54.40 0.97 0.00	63.33 1.24 0.00	55.22 1.25 0.00	50.30 1.23 0.00	52.64 1.41 0.00	73.73 1.87 0.00	77.59 1.92 0.00	83.31 2.04 0.00	78.66 1.66 0.00	81.90 1.52 0.00	148.25 2.32 0.00	109.30 0.98 0.00	136.29 0.17 0.00	64.14 0.16 0.00
ATHENS_STG_2 23670	35.70 0.34 0.00	36.71 0.24 0.00	41.32 0.37 0.00	37.51 0.31 0.00	41.40 0.28 0.00	44.58 0.45 0.00	67.21 0.63 0.00	140.96 1.31 0.00	166.12 1.45 0.00	187.87 2.18 0.00	54.40 0.97 0.00	63.33 1.24 0.00	55.22 1.25 0.00	50.30 1.23 0.00	52.64 1.41 0.00	73.73 1.87 0.00	77.59 1.92 0.00	83.31 2.04 0.00	78.66 1.66 0.00	81.90 1.52 0.00	148.25 2.32 0.00	109.30 0.98 0.00	136.29 0.17 0.00	64.14 0.16 0.00
ATHENS_STG_3 23677	35.70 0.34 0.00	36.71 0.24 0.00	41.32 0.37 0.00	37.51 0.31 0.00	41.40 0.28 0.00	44.58 0.45 0.00	67.21 0.63 0.00	140.96 1.31 0.00	166.12 1.45 0.00	187.87 2.18 0.00	54.40 0.97 0.00	63.33 1.24 0.00	55.22 1.25 0.00	50.30 1.23 0.00	52.64 1.41 0.00	73.73 1.87 0.00	77.59 1.92 0.00	83.31 2.04 0.00	78.66 1.66 0.00	81.90 1.52 0.00	148.25 2.32 0.00	109.30 0.98 0.00	136.29 0.17 0.00	64.14 0.16 0.00
AUBURN___LFGE 323710	35.14 -0.22 0.00	36.21 -0.26 0.00	40.64 -0.30 0.00	36.97 -0.23 0.00	40.75 -0.37 0.00	43.93 -0.20 0.00	68.25 0.11 -1.58	142.54 0.60 -2.29	164.89 0.15 -0.07	186.40 0.06 -0.65	55.12 -0.20 -1.90	63.97 -0.17 -2.06	55.42 -0.39 -1.83	50.56 -0.32 -1.81	53.09 -0.36 -2.22	74.05 -0.52 -2.71	81.62 -0.12 -6.07	91.01 0.03 -9.71	84.13 0.10 -7.02	85.65 0.18 -5.10	147.99 0.81 -1.25	108.76 0.44 0.00	136.56 0.44 0.00	69.96 0.14 -5.84
BABYLON_RES_REC 323704	36.93 1.57 0.00	37.80 1.33 0.00	42.43 1.49 0.00	38.52 1.33 0.00	42.54 1.41 0.00	45.99 1.85 0.00	68.79 2.22 0.00	144.46 4.80 0.00	169.97 5.31 0.00	193.00 7.31 0.00	56.38 2.94 -0.02	65.65 3.48 -0.08	56.89 2.92 0.00	51.92 2.85 0.00	54.48 3.25 0.00	75.72 3.87 0.00	79.99 4.33 0.00	85.83 4.56 0.00	80.87 3.86 0.00	84.09 3.71 0.00	152.97 7.04 0.00	113.20 4.87 0.00	139.63 3.52 0.00	65.76 1.78 0.00
BALL_HILL_WT_PWR 323825	29.62 -2.79 2.95	33.25 -2.82 0.40	29.92 -3.16 7.86	21.04 -2.44 13.72	19.44 -2.43 19.26	27.05 -2.90 14.18	49.04 -4.39 13.15	109.74 -8.46 21.45	147.29 -10.26 7.11	168.89 -11.46 5.34	26.19 -3.97 23.27	38.44 -4.77 18.87	22.15 -4.75 27.07	20.44 -4.34 24.29	22.67 -4.52 24.04	29.97 -6.92 34.97	18.91 -7.28 49.48	12.07 -7.42 61.78	12.32 -6.30 58.39	15.18 -5.76 59.43	112.80 -9.45 23.69	81.77 -6.27 20.29	94.40 -6.67 35.05	36.15 -3.62 24.22
BARON_WINDS___WT_PWR 323822	18.20 -3.39 13.77	31.10 -3.41 1.96	38.93 -3.96 -1.94	37.14 -3.44 -3.38	42.28 -3.59 -4.75	43.64 -3.99 -3.50	-3.11 -5.74 63.94	35.83 -11.81 92.00	149.47 -14.46 0.73	147.59 -15.97 22.13	-25.85 -4.85 74.43	-27.76 -5.82 84.03	-23.64 -5.28 72.33	-27.50 -4.61 71.96	-43.00 -4.52 89.71	-43.00 -6.67 108.18	-43.00 -7.32 111.34	-43.00 -7.94 116.33	-42.62 -7.11 112.52	-42.11 -7.03 115.46	86.95 -11.50 47.47	105.99 -7.34 -5.00	137.94 -6.81 -8.64	66.76 -3.20 -5.97
BARRETT_IC_1 23704	36.75 1.39 0.00	37.67 1.20 0.00	42.32 1.38 0.00	38.42 1.22 0.00	42.42 1.29 0.00	45.77 1.64 0.00	68.19 1.62 0.00	143.43 3.78 0.00	168.93 4.27 0.00	191.36 5.67 0.00	55.84 2.39 -0.02	64.93 2.77 -0.08	56.29 2.32 0.00	51.48 2.41 0.00	53.96 2.73 0.00	74.78 2.93 0.00	79.12 3.46 0.00	84.96 3.68 0.00	79.98 2.97 0.00	83.23 2.85 0.00	151.23 5.31 0.00	111.70 3.37 0.00	138.56 2.45 0.00	65.49 1.51 0.00
BARRETT_IC_10 23701	36.75 1.39 0.00	37.67 1.20 0.00	42.32 1.38 0.00	38.42 1.22 0.00	42.42 1.29 0.00	45.77 1.64 0.00	68.19 1.62 0.00	143.43 3.78 0.00	168.93 4.27 0.00	191.36 5.67 0.00	55.84 2.39 -0.02	64.93 2.77 -0.08	56.29 2.32 0.00	51.48 2.41 0.00	53.96 2.73 0.00	74.78 2.93 0.00	79.12 3.46 0.00	84.96 3.68 0.00	79.98 2.97 0.00	83.23 2.85 0.00	151.23 5.31 0.00	111.70 3.37 0.00	138.56 2.45 0.00	65.49 1.51 0.00
BARRETT_IC_11 23702	36.75 1.39 0.00	37.67 1.20 0.00	42.32 1.38 0.00	38.42 1.22 0.00	42.42 1.29 0.00	45.77 1.64 0.00	68.19 1.62 0.00	143.43 3.78 0.00	168.93 4.27 0.00	191.36 5.67 0.00	55.84 2.39 -0.02	64.93 2.77 -0.08	56.29 2.32 0.00	51.48 2.41 0.00	53.96 2.73 0.00	74.78 2.93 0.00	79.12 3.46 0.00	84.96 3.68 0.00	79.98 2.97 0.00	83.23 2.85 0.00	151.23 5.31 0.00	111.70 3.37 0.00	138.56 2.45 0.00	65.49 1.51 0.00
BARRETT_IC_12 23703	36.75 1.39 0.00	37.67 1.20 0.00	42.32 1.38 0.00	38.42 1.22 0.00	42.42 1.29 0.00	45.77 1.64 0.00	68.19 1.62 0.00	143.43 3.78 0.00	168.93 4.27 0.00	191.36 5.67 0.00	55.84 2.39 -0.02	64.93 2.77 -0.08	56.29 2.32 0.00	51.48 2.41 0.00	53.96 2.73 0.00	74.78 2.93 0.00	79.12 3.46 0.00	84.96 3.68 0.00	79.98 2.97 0.00	83.23 2.85 0.00	151.23 5.31 0.00	111.70 3.37 0.00	138.56 2.45 0.00	65.49 1.51 0.00
BARRETT_IC_2 23705	36.75 1.39 0.00	37.67 1.20 0.00	42.32 1.38 0.00	38.42 1.22 0.00	42.42 1.29 0.00	45.77 1.64 0.00	68.19 1.62 0.00	143.43 3.78 0.00	168.93 4.27 0.00	191.36 5.67 0.00	55.84 2.39 -0.02	64.93 2.77 -0.08	56.29 2.32 0.00	51.48 2.41 0.00	53.96 2.73 0.00	74.78 2.93 0.00	79.12 3.46 0.00	84.96 3.68 0.00	79.98 2.97 0.00	83.23 2.85 0.00	151.23 5.31 0.00	111.70 3.37 0.00	138.56 2.45 0.00	65.49 1.51 0.00
BARRETT_IC_3 23706	36.75 1.39 0.00	37.67 1.20 0.00	42.32 1.38 0.00	38.42 1.22 0.00	42.42 1.29 0.00	45.77 1.64 0.00	68.19 1.62 0.00	143.43 3.78 0.00	168.93 4.27 0.00	191.36 5.67 0.00	55.84 2.39 -0.02	64.93 2.77 -0.08	56.29 2.32 0.00	51.48 2.41 0.00	53.96 2.73 0.00	74.78 2.93 0.00	79.12 3.46 0.00	84.96 3.68 0.00	79.98 2.97 0.00	83.23 2.85 0.00	151.23 5.31 0.00	111.70 3.37 0.00	138.56 2.45 0.00	65.49 1.51 0.00
BARRETT_IC_4 23707	36.75 1.39 0.00	37.67 1.20 0.00	42.32 1.38 0.00	38.42 1.22 0.00	42.42 1.29 0.00	45.77 1.64 0.00	68.19 1.62 0.00	143.43 3.78 0.00	168.93 4.27 0.00	191.36 5.67 0.00	55.84 2.39 -0.02	64.93 2.77 -0.08	56.29 2.32 0.00	51.48 2.41 0.00	53.96 2.73 0.00	74.78 2.93 0.00	79.12 3.46 0.00	84.96 3.68 0.00	79.98 2.97 0.00	83.23 2.85 0.00	151.23 5.31 0.00	111.70 3.37 0.00	138.56 2.45 0.00	65.49 1.51 0.00
BARRETT_IC_5 23708	36.75 1.39 0.00	37.67 1.20 0.00	42.32 1.38 0.00	38.42 1.22 0.00	42.42 1.29 0.00	45.77 1.64 0.00	68.19 1.62 0.00	143.43 3.78 0.00	168.93 4.27 0.00	191.36 5.67 0.00	55.84 2.39 -0.02	64.93 2.77 -0.08	56.29 2.32 0.00	51.48 2.41 0.00	53.96 2.73 0.00	74.78 2.93 0.00	79.12 3.46 0.00	84.96 3.68 0.00	79.98 2.97 0.00	83.23 2.85 0.00	151.23 5.31 0.00	111.70 3.37 0.00	138.56 2.45 0.00	65.49 1.51 0.00

BARRETT_IC_6 23709	36.75 1.39 0.00	37.67 1.20 0.00	42.32 1.38 0.00	38.42 1.22 0.00	42.42 1.29 0.00	45.77 1.64 0.00	68.19 1.62 0.00	143.43 3.78 0.00	168.93 4.27 0.00	191.36 5.67 0.00	55.84 2.39 -0.02	64.93 2.77 -0.08	56.29 2.32 0.00	51.48 2.41 0.00	53.96 2.73 0.00	74.78 2.93 0.00	79.12 3.46 0.00	84.96 3.68 0.00	79.98 2.97 0.00	83.23 2.85 0.00	151.23 5.31 0.00	111.70 3.37 0.00	138.56 2.45 0.00	65.49 1.51 0.00
BARRETT_IC_7 23710	36.75 1.39 0.00	37.68 1.20 0.00	42.32 1.37 0.00	38.42 1.22 0.00	42.41 1.29 0.00	45.76 1.63 0.00	68.19 1.62 0.00	143.44 3.79 0.00	168.93 4.27 0.00	191.37 5.68 0.00	55.86 2.41 -0.02	64.93 2.77 -0.08	56.28 2.30 0.00	51.49 2.42 0.00	53.94 2.71 0.00	74.79 2.93 0.00	79.11 3.45 0.00	84.93 3.66 0.00	79.97 2.97 0.00	83.22 2.84 0.00	151.28 5.35 0.00	111.69 3.36 0.00	138.56 2.44 0.00	65.49 1.51 0.00
BARRETT_IC_8 23711	36.75 1.39 0.00	37.67 1.20 0.00	42.32 1.38 0.00	38.42 1.22 0.00	42.42 1.29 0.00	45.77 1.64 0.00	68.19 1.62 0.00	143.43 3.78 0.00	168.93 4.27 0.00	191.36 5.67 0.00	55.84 2.39 -0.02	64.93 2.77 -0.08	56.29 2.32 0.00	51.48 2.41 0.00	53.96 2.73 0.00	74.78 2.93 0.00	79.12 3.46 0.00	84.96 3.68 0.00	79.98 2.97 0.00	83.23 2.85 0.00	151.23 5.31 0.00	111.70 3.37 0.00	138.56 2.45 0.00	65.49 1.51 0.00
BARRETT_IC_9 23700	36.75 1.39 0.00	37.67 1.20 0.00	42.32 1.38 0.00	38.42 1.22 0.00	42.42 1.29 0.00	45.77 1.64 0.00	68.19 1.62 0.00	143.43 3.78 0.00	168.93 4.27 0.00	191.36 5.67 0.00	55.84 2.39 -0.02	64.93 2.77 -0.08	56.29 2.32 0.00	51.48 2.41 0.00	53.96 2.73 0.00	74.78 2.93 0.00	79.12 3.46 0.00	84.96 3.68 0.00	79.98 2.97 0.00	83.23 2.85 0.00	151.23 5.31 0.00	111.70 3.37 0.00	138.56 2.45 0.00	65.49 1.51 0.00
BARRETT__1 23545	36.75 1.39 0.00	37.67 1.20 0.00	42.32 1.38 0.00	38.42 1.22 0.00	42.42 1.29 0.00	45.77 1.64 0.00	68.19 1.62 0.00	143.43 3.78 0.00	168.93 4.27 0.00	191.36 5.67 0.00	55.84 2.39 -0.02	64.93 2.77 -0.08	56.29 2.32 0.00	51.48 2.41 0.00	53.96 2.73 0.00	74.78 2.93 0.00	79.12 3.46 0.00	84.96 3.68 0.00	79.98 2.97 0.00	83.23 2.85 0.00	151.23 5.31 0.00	111.70 3.37 0.00	138.56 2.45 0.00	65.49 1.51 0.00
BARRETT__2 23546	36.75 1.39 0.00	37.67 1.20 0.00	42.32 1.38 0.00	38.42 1.22 0.00	42.42 1.29 0.00	45.77 1.64 0.00	68.19 1.62 0.00	143.43 3.78 0.00	168.93 4.27 0.00	191.36 5.67 0.00	55.84 2.39 -0.02	64.93 2.77 -0.08	56.29 2.32 0.00	51.48 2.41 0.00	53.96 2.73 0.00	74.78 2.93 0.00	79.12 3.46 0.00	84.96 3.68 0.00	79.98 2.97 0.00	83.23 2.85 0.00	151.23 5.31 0.00	111.70 3.37 0.00	138.56 2.45 0.00	65.49 1.51 0.00
BATAVIA__115KV_TB1 55881	32.26 -1.62 1.49	34.60 -1.66 0.21	39.09 -1.86 0.00	35.87 -1.33 0.00	39.90 -1.22 0.00	42.61 -1.52 0.00	57.58 -2.20 6.79	126.01 -3.81 9.84	159.35 -5.00 0.31	177.14 -5.84 2.72	43.04 -2.15 8.24	50.41 -2.71 8.97	42.87 -3.12 7.99	38.27 -2.92 7.88	38.54 -3.02 9.67	55.17 -4.87 11.81	52.14 -5.23 18.30	48.65 -5.33 27.30	52.47 -3.90 20.63	60.09 -3.42 16.87	134.41 -6.13 5.39	104.28 -4.05 0.00	131.67 -4.45 0.00	61.27 -2.71 0.00
BAYONEEC__CTG1 323682	36.66 1.30 0.00	37.66 1.19 0.00	42.33 1.38 0.00	38.46 1.26 0.00	42.40 1.27 0.00	45.72 1.59 0.00	68.84 2.26 0.00	144.53 4.88 0.00	170.33 5.67 0.00	192.78 7.09 0.00	55.75 2.48 0.15	64.54 3.01 0.56	56.73 2.76 0.00	51.71 2.64 0.00	54.11 2.88 0.00	75.69 3.83 0.00	79.70 4.04 0.00	85.51 4.24 0.00	80.75 3.75 0.00	84.11 3.73 0.00	152.07 6.14 0.00	112.08 3.76 0.00	139.25 3.14 0.00	65.62 1.64 0.00
BAYONEEC__CTG10 323750	36.66 1.30 0.00	37.66 1.19 0.00	42.33 1.38 0.00	38.46 1.26 0.00	42.40 1.27 0.00	45.72 1.59 0.00	68.84 2.26 0.00	144.53 4.88 0.00	170.33 5.67 0.00	192.78 7.09 0.00	55.75 2.48 0.15	64.54 3.01 0.56	56.73 2.76 0.00	51.71 2.64 0.00	54.11 2.88 0.00	75.69 3.83 0.00	79.70 4.04 0.00	85.51 4.24 0.00	80.75 3.75 0.00	84.11 3.73 0.00	152.07 6.14 0.00	112.08 3.76 0.00	139.25 3.14 0.00	65.62 1.64 0.00
BAYONEEC__CTG2 323683	36.66 1.30 0.00	37.66 1.19 0.00	42.33 1.38 0.00	38.46 1.26 0.00	42.40 1.27 0.00	45.72 1.59 0.00	68.84 2.26 0.00	144.53 4.88 0.00	170.33 5.67 0.00	192.78 7.09 0.00	55.75 2.48 0.15	64.54 3.01 0.56	56.73 2.76 0.00	51.71 2.64 0.00	54.11 2.88 0.00	75.69 3.83 0.00	79.70 4.04 0.00	85.51 4.24 0.00	80.75 3.75 0.00	84.11 3.73 0.00	152.07 6.14 0.00	112.08 3.76 0.00	139.25 3.14 0.00	65.62 1.64 0.00
BAYONEEC__CTG3 323684	36.66 1.30 0.00	37.66 1.19 0.00	42.33 1.38 0.00	38.46 1.26 0.00	42.40 1.27 0.00	45.72 1.59 0.00	68.84 2.26 0.00	144.53 4.88 0.00	170.33 5.67 0.00	192.78 7.09 0.00	55.75 2.48 0.15	64.54 3.01 0.56	56.73 2.76 0.00	51.71 2.64 0.00	54.11 2.88 0.00	75.69 3.83 0.00	79.70 4.04 0.00	85.51 4.24 0.00	80.75 3.75 0.00	84.11 3.73 0.00	152.07 6.14 0.00	112.08 3.76 0.00	139.25 3.14 0.00	65.62 1.64 0.00
BAYONEEC__CTG4 323685	36.66 1.30 0.00	37.66 1.19 0.00	42.33 1.38 0.00	38.46 1.26 0.00	42.40 1.27 0.00	45.72 1.59 0.00	68.84 2.26 0.00	144.53 4.88 0.00	170.33 5.67 0.00	192.78 7.09 0.00	55.75 2.48 0.15	64.54 3.01 0.56	56.73 2.76 0.00	51.71 2.64 0.00	54.11 2.88 0.00	75.69 3.83 0.00	79.70 4.04 0.00	85.51 4.24 0.00	80.75 3.75 0.00	84.11 3.73 0.00	152.07 6.14 0.00	112.08 3.76 0.00	139.25 3.14 0.00	65.62 1.64 0.00
BAYONEEC__CTG5 323686	36.66 1.30 0.00	37.66 1.19 0.00	42.33 1.38 0.00	38.46 1.26 0.00	42.40 1.27 0.00	45.72 1.59 0.00	68.84 2.26 0.00	144.53 4.88 0.00	170.33 5.67 0.00	192.78 7.09 0.00	55.75 2.48 0.15	64.54 3.01 0.56	56.73 2.76 0.00	51.71 2.64 0.00	54.11 2.88 0.00	75.69 3.83 0.00	79.70 4.04 0.00	85.51 4.24 0.00	80.75 3.75 0.00	84.11 3.73 0.00	152.07 6.14 0.00	112.08 3.76 0.00	139.25 3.14 0.00	65.62 1.64 0.00
BAYONEEC__CTG6 323687	36.66 1.30 0.00	37.66 1.19 0.00	42.33 1.38 0.00	38.46 1.26 0.00	42.40 1.27 0.00	45.72 1.59 0.00	68.84 2.26 0.00	144.53 4.88 0.00	170.33 5.67 0.00	192.78 7.09 0.00	55.75 2.48 0.15	64.54 3.01 0.56	56.73 2.76 0.00	51.71 2.64 0.00	54.11 2.88 0.00	75.69 3.83 0.00	79.70 4.04 0.00	85.51 4.24 0.00	80.75 3.75 0.00	84.11 3.73 0.00	152.07 6.14 0.00	112.08 3.76 0.00	139.25 3.14 0.00	65.62 1.64 0.00
BAYONEEC__CTG7 323688	36.66 1.30 0.00	37.66 1.19 0.00	42.33 1.38 0.00	38.46 1.26 0.00	42.40 1.27 0.00	45.72 1.59 0.00	68.84 2.26 0.00	144.53 4.88 0.00	170.33 5.67 0.00	192.78 7.09 0.00	55.75 2.48 0.15	64.54 3.01 0.56	56.73 2.76 0.00	51.71 2.64 0.00	54.11 2.88 0.00	75.69 3.83 0.00	79.70 4.04 0.00	85.51 4.24 0.00	80.75 3.75 0.00	84.11 3.73 0.00	152.07 6.14 0.00	112.08 3.76 0.00	139.25 3.14 0.00	65.62 1.64 0.00

BAYONEEC___CTG8 323689	36.66 1.30 0.00	37.66 1.19 0.00	42.33 1.38 0.00	38.46 1.26 0.00	42.40 1.27 0.00	45.72 1.59 0.00	68.84 2.26 0.00	144.53 4.88 0.00	170.33 5.67 0.00	192.78 7.09 0.00	55.75 2.48 0.15	64.54 3.01 0.56	56.73 2.76 0.00	51.71 2.64 0.00	54.11 2.88 0.00	75.69 3.83 0.00	79.70 4.04 0.00	85.51 4.24 0.00	80.75 3.75 0.00	84.11 3.73 0.00	152.07 6.14 0.00	112.08 3.76 0.00	139.25 3.14 0.00	65.62 1.64 0.00
BAYONEEC___CTG9 323749	36.66 1.30 0.00	37.66 1.19 0.00	42.33 1.38 0.00	38.46 1.26 0.00	42.40 1.27 0.00	45.72 1.59 0.00	68.84 2.26 0.00	144.53 4.88 0.00	170.33 5.67 0.00	192.78 7.09 0.00	55.75 2.48 0.15	64.54 3.01 0.56	56.73 2.76 0.00	51.71 2.64 0.00	54.11 2.88 0.00	75.69 3.83 0.00	79.70 4.04 0.00	85.51 4.24 0.00	80.75 3.75 0.00	84.11 3.73 0.00	152.07 6.14 0.00	112.08 3.76 0.00	139.25 3.14 0.00	65.62 1.64 0.00
BEACON___LESR 323632	36.36 1.00 0.00	37.48 1.01 0.00	42.09 1.14 0.00	38.24 1.04 0.00	42.30 1.17 0.00	45.35 1.22 0.00	68.49 1.91 0.00	143.39 3.73 0.00	169.21 4.55 0.00	190.86 5.17 0.00	55.11 1.69 0.00	64.21 2.13 0.00	56.05 2.08 0.00	51.00 1.93 0.00	53.23 2.00 0.00	74.83 2.98 0.00	78.75 3.09 0.00	84.59 3.31 0.00	80.01 3.01 0.00	83.27 2.89 0.00	150.78 4.85 0.00	111.68 3.36 0.00	140.14 4.02 0.00	65.80 1.81 0.00
BEAVER RIVER___HYD 24048	33.98 -1.38 0.00	35.28 -1.20 0.00	40.39 -0.56 0.00	36.84 -0.36 0.00	40.34 -0.79 0.00	43.08 -1.05 0.00	65.22 -1.36 0.00	137.22 -2.43 0.00	161.05 -3.61 0.00	180.74 -4.95 0.00	51.49 -1.93 0.00	59.49 -2.60 0.00	50.89 -3.09 0.00	45.86 -3.21 0.00	48.22 -3.02 0.00	68.28 -3.58 0.00	72.15 -3.51 0.00	77.88 -3.39 0.00	75.08 -1.93 0.00	79.50 -0.88 0.00	145.86 -0.07 0.00	109.78 1.45 0.00	137.43 1.32 0.00	189.25 0.72 -124.55
BEEBEE_GT_13 23619	34.15 -1.21 0.00	35.20 -1.27 0.00	39.57 -1.38 0.00	36.18 -1.03 0.00	40.14 -0.98 0.00	43.01 -1.12 0.00	65.05 -1.53 0.00	137.09 -2.57 0.00	161.46 -3.21 0.00	181.86 -3.83 0.00	52.07 -1.36 0.00	60.46 -1.62 0.00	52.18 -1.80 0.00	47.39 -1.68 0.00	49.55 -1.69 0.00	69.15 -2.71 0.00	67.77 -2.63 5.26	66.06 -2.50 12.71	67.95 -1.99 7.07	75.20 -1.82 3.37	142.57 -3.36 0.00	105.94 -2.39 0.00	133.31 -2.81 0.00	62.24 -1.74 0.00
BENSHRST_27_KV_BENSHRST_1 355998	36.99 1.63 0.00	37.96 1.49 0.00	42.66 1.71 0.00	38.74 1.54 0.00	42.71 1.59 0.00	46.07 1.94 0.00	69.42 2.85 0.00	145.90 6.25 0.00	171.66 7.00 0.00	194.08 8.39 0.00	56.79 2.88 -0.49	67.27 3.37 -1.82	57.06 3.09 0.00	52.05 2.98 0.00	54.42 3.19 0.00	76.13 4.27 0.00	80.10 4.43 0.00	85.91 4.64 0.00	81.12 4.12 0.00	84.52 4.14 0.00	152.84 6.91 0.00	112.57 4.23 -0.01	139.80 3.69 0.00	66.11 2.13 0.00
BETHLEHEM___GRP 23843	36.15 0.79 0.00	37.29 0.82 0.00	41.85 0.90 0.00	38.01 0.81 0.00	42.04 0.92 0.00	45.04 0.91 0.00	67.91 1.33 0.00	142.02 2.37 0.00	167.56 2.90 0.00	188.97 3.28 0.00	54.57 1.15 0.00	63.53 1.45 0.00	55.45 1.47 0.00	50.48 1.40 0.00	52.69 1.46 0.00	74.02 2.17 0.00	77.90 2.24 0.00	83.57 2.30 0.00	79.00 1.99 0.00	82.22 1.84 0.00	149.01 3.08 0.00	110.37 2.04 0.00	138.67 2.55 0.00	65.15 1.17 0.00
BETHLEHEM___GS1 323560	36.15 0.79 0.00	37.29 0.82 0.00	41.85 0.91 0.00	38.01 0.81 0.00	42.04 0.92 0.00	45.04 0.91 0.00	67.91 1.33 0.00	142.01 2.36 0.00	167.56 2.90 0.00	189.01 3.31 0.00	54.57 1.15 0.00	63.53 1.45 0.00	55.46 1.48 0.00	50.48 1.41 0.00	52.68 1.45 0.00	74.03 2.18 0.00	77.91 2.25 0.00	83.58 2.30 0.00	79.00 2.00 0.00	82.22 1.84 0.00	149.01 3.08 0.00	110.39 2.07 0.00	138.72 2.60 0.00	65.15 1.17 0.00
BETHLEHEM___GS2 323561	36.15 0.79 0.00	37.29 0.82 0.00	41.85 0.91 0.00	38.01 0.81 0.00	42.04 0.92 0.00	45.04 0.91 0.00	67.91 1.33 0.00	142.01 2.36 0.00	167.56 2.90 0.00	189.01 3.31 0.00	54.57 1.15 0.00	63.53 1.45 0.00	55.46 1.48 0.00	50.48 1.41 0.00	52.68 1.45 0.00	74.03 2.18 0.00	77.91 2.25 0.00	83.58 2.30 0.00	79.00 2.00 0.00	82.22 1.84 0.00	149.01 3.08 0.00	110.39 2.07 0.00	138.72 2.60 0.00	65.15 1.17 0.00
BETHLEHEM___GS3 323562	36.15 0.79 0.00	37.29 0.82 0.00	41.85 0.91 0.00	38.01 0.81 0.00	42.04 0.92 0.00	45.04 0.91 0.00	67.91 1.33 0.00	142.01 2.36 0.00	167.56 2.90 0.00	189.01 3.31 0.00	54.57 1.15 0.00	63.53 1.45 0.00	55.46 1.48 0.00	50.48 1.41 0.00	52.68 1.45 0.00	74.03 2.18 0.00	77.91 2.25 0.00	83.58 2.30 0.00	79.00 2.00 0.00	82.22 1.84 0.00	149.01 3.08 0.00	110.39 2.07 0.00	138.72 2.60 0.00	65.15 1.17 0.00
BETHLEHEM___STEEL 23779	30.18 -2.52 2.66	33.55 -2.55 0.38	38.13 -2.82 0.00	35.07 -2.13 0.00	39.02 -2.11 0.00	41.52 -2.61 0.00	50.06 -4.21 12.31	113.46 -8.36 17.82	153.93 -10.16 0.57	169.31 -11.30 5.08	34.70 -3.75 14.97	41.35 -4.50 16.24	35.08 -4.43 14.47	30.66 -4.14 14.27	29.35 -4.37 17.51	43.78 -6.68 21.39	39.24 -6.77 29.66	33.35 -6.90 41.03	38.36 -5.97 32.69	46.38 -5.66 28.33	126.45 -9.72 9.76	101.93 -6.40 0.00	129.34 -6.78 0.00	60.29 -3.69 0.00
BETHLHEM_115KV_TB1 79974	35.98 0.62 0.00	37.12 0.65 0.00	41.68 0.73 0.00	37.85 0.66 0.00	41.85 0.72 0.00	44.87 0.74 0.00	67.66 1.09 0.00	141.61 1.96 0.00	167.01 2.35 0.00	188.41 2.72 0.00	54.38 0.95 0.00	63.28 1.20 0.00	55.16 1.19 0.00	50.22 1.15 0.00	52.43 1.20 0.00	73.60 1.75 0.00	77.48 1.82 0.00	83.16 1.89 0.00	78.59 1.58 0.00	81.89 1.52 0.00	148.42 2.49 0.00	110.01 1.68 0.00	138.08 1.96 0.00	64.90 0.91 0.00
BETHPAGE_CC_5 323564	36.83 1.47 0.00	37.66 1.19 0.00	42.28 1.34 0.00	38.38 1.18 0.00	42.37 1.25 0.00	45.76 1.63 0.00	68.44 1.86 0.00	143.63 3.98 0.00	169.01 4.35 0.00	191.73 6.04 0.00	55.93 2.48 -0.02	65.12 2.96 -0.08	56.51 2.53 0.00	51.55 2.48 0.00	54.05 2.82 0.00	75.12 3.27 0.00	79.39 3.73 0.00	85.23 3.95 0.00	80.32 3.31 0.00	83.57 3.19 0.00	151.86 5.93 0.00	112.25 3.92 0.00	138.74 2.62 0.00	65.40 1.42 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	30.64 -2.28 2.44	33.81 -2.31 0.35	38.39 -2.55 0.00	35.34 -1.86 0.00	39.31 -1.81 0.00	41.86 -2.28 0.00	51.64 -3.67 11.27	116.26 -7.07 16.32	155.45 -8.66 0.55	171.38 -9.43 4.88	36.41 -3.22 13.79	43.34 -3.88 14.86	36.91 -3.82 13.24	32.41 -3.60 13.07	31.37 -3.84 16.03	46.30 -5.98 19.58	41.24 -6.04 28.39	34.61 -6.14 40.53	40.19 -5.24 31.58	48.71 -4.93 26.73	128.77 -8.22 8.94	103.13 -5.20 0.00	130.84 -5.28 0.00	60.97 -3.01 0.00
BINGHAMTON___COGEN 23790	34.74 -0.62 0.00	35.87 -0.60 0.00	40.19 -0.76 0.00	36.54 -0.66 0.00	40.42 -0.71 0.00	43.40 -0.74 0.00	65.73 -0.85 0.00	138.13 -1.52 0.00	162.62 -2.04 0.00	183.81 -1.89 0.00	52.69 -0.74 0.00	61.22 -0.87 0.00	53.10 -0.88 0.00	48.33 -0.74 0.00	50.64 -0.60 0.00	70.88 -0.97 4.68	69.97 -1.01 8.83	71.30 -1.15 8.83	70.28 -0.96 5.77	76.45 -0.93 3.00	144.76 -1.17 0.00	107.28 -1.05 0.00	135.01 -1.11 0.00	63.38 -0.60 0.00

BIXINCNT_115KV_LOAD 355685	30.30 -3.33 1.73	32.80 -3.42 0.25	37.29 -3.65 0.00	34.54 -2.66 0.00	38.44 -2.69 0.00	40.96 -3.18 0.00	53.80 -4.76 8.02	119.50 -8.53 11.62	153.70 -10.46 0.50	170.57 -10.68 4.44	39.73 -3.52 10.18	47.25 -4.26 10.58	40.96 -3.59 9.42	36.37 -3.40 9.30	35.74 -4.08 11.41	51.18 -6.74 13.93	44.08 -7.14 24.44	34.56 -7.72 38.99	42.18 -6.68 28.15	52.49 -6.15 21.74	131.94 -7.63 6.36	104.70 -3.63 0.00	133.06 -3.06 0.00	62.09 -1.89 0.00
BLACK RIVER___HYD 24047	33.86 -1.50 0.00	35.05 -1.42 0.00	40.00 -0.95 0.00	36.54 -0.66 0.00	40.04 -1.09 0.00	42.89 -1.24 0.00	65.48 -1.10 0.00	138.02 -1.63 0.00	162.03 -2.63 0.00	181.58 -4.11 0.00	51.46 -1.97 0.00	59.19 -2.89 0.00	50.60 -3.38 0.00	45.45 -3.62 0.00	47.90 -3.33 0.00	67.90 -3.96 0.00	71.88 -3.79 0.00	77.74 -3.53 0.00	75.79 -1.21 0.00	80.57 0.19 0.00	148.37 2.44 0.00	111.55 3.22 0.00	139.09 2.97 0.00	159.96 1.32 -94.66
BLACKRVR_115KV_TB2 79977	33.86 -1.50 0.00	35.05 -1.42 0.00	40.00 -0.95 0.00	36.54 -0.66 0.00	40.04 -1.09 0.00	42.89 -1.24 0.00	65.48 -1.10 0.00	138.01 -1.64 0.00	162.03 -2.63 0.00	181.58 -4.11 0.00	51.46 -1.97 0.00	59.19 -2.90 0.00	50.59 -3.38 0.00	45.46 -3.62 0.00	47.91 -3.33 0.00	67.90 -3.96 0.00	71.88 -3.79 0.00	77.74 -3.53 0.00	75.79 -1.21 0.00	80.57 0.19 0.00	148.39 2.46 0.00	111.56 3.23 0.00	139.10 2.99 0.00	159.96 1.32 -94.66
BLDWN_LI_69_KV_BK4 356085	36.89 1.52 0.00	37.80 1.33 0.00	42.43 1.49 0.00	38.54 1.33 0.00	42.53 1.41 0.00	45.92 1.79 0.00	68.53 1.96 0.00	144.53 4.88 0.00	169.71 5.05 0.00	192.57 6.87 0.00	56.18 2.73 -0.02	65.38 3.21 -0.08	56.70 2.73 0.00	51.80 2.73 0.00	54.27 3.04 0.00	75.10 3.25 0.00	79.45 3.79 0.00	85.49 4.22 0.00	80.58 3.58 0.00	83.88 3.50 0.00	152.74 6.81 0.00	112.65 4.32 0.00	139.39 3.28 0.00	65.66 1.68 0.00
BLISS_WT_PWR 323608	29.70 -3.78 1.89	32.33 -3.89 0.25	27.79 -4.16 9.00	18.42 -3.07 15.71	15.97 -3.11 22.04	24.25 -3.65 16.23	53.02 -5.41 8.15	115.53 -9.55 14.57	144.61 -11.73 8.32	169.24 -12.02 4.44	30.92 -3.83 18.68	44.96 -4.62 12.50	27.15 -3.94 22.88	25.66 -3.60 19.81	29.05 -4.48 17.70	36.51 -7.30 28.04	22.14 -8.01 45.51	11.75 -8.61 60.91	13.66 -7.46 55.89	17.88 -6.83 55.67	115.95 -8.34 21.64	81.40 -3.70 23.22	92.85 -3.16 40.12	34.31 -1.95 27.72
BLUESTONE___WT_PWR 323821	34.31 -1.08 -0.03	35.40 -1.07 0.00	41.25 -1.37 -1.68	38.84 -1.29 -2.92	43.80 -1.43 -4.10	45.97 -1.19 -3.02	65.28 -1.32 -0.02	138.96 -1.24 -0.55	164.60 -1.41 -1.35	183.00 -2.69 0.00	53.98 -1.03 -1.58	61.26 -1.19 -0.36	55.43 -1.05 -2.50	50.02 -1.01 -1.96	51.69 -0.72 -1.17	73.78 -0.70 -2.63	82.63 -0.47 -7.43	93.24 -0.67 -12.63	86.40 -0.50 -9.89	88.78 -0.16 -8.56	149.92 1.15 -2.84	111.60 -1.05 -4.32	142.57 -1.02 -7.47	68.58 -0.56 -5.16
BLUE_CIRC_CHEM_DRP 24182	36.14 0.78 0.00	37.30 0.83 0.00	41.87 0.92 0.00	38.03 0.83 0.00	42.07 0.95 0.00	45.08 0.95 0.00	67.98 1.41 0.00	142.12 2.46 0.00	167.71 3.05 0.00	189.01 3.32 0.00	54.50 1.08 0.00	63.44 1.35 0.00	55.33 1.35 0.00	50.36 1.28 0.00	52.57 1.34 0.00	73.84 1.99 0.00	77.75 2.09 0.00	83.45 2.17 0.00	78.95 1.95 0.00	82.24 1.86 0.00	149.04 3.11 0.00	110.47 2.14 0.00	138.75 2.64 0.00	65.22 1.24 0.00
BOC_GAS_DRP 24189	35.87 0.51 0.00	37.01 0.54 0.00	41.56 0.61 0.00	37.75 0.55 0.00	41.73 0.60 0.00	44.73 0.60 0.00	67.43 0.86 0.00	141.07 1.42 0.00	166.42 1.76 0.00	187.75 2.06 0.00	54.18 0.76 0.00	63.05 0.97 0.00	54.97 1.00 0.00	50.04 0.97 0.00	52.23 1.00 0.00	73.33 1.48 0.00	77.19 1.53 0.00	82.82 1.55 0.00	78.33 1.32 0.00	81.56 1.19 0.00	147.87 1.94 0.00	109.57 1.25 0.00	137.56 1.44 0.00	64.67 0.68 0.00
BOONVILLE_115KV_TB1 79983	35.19 -0.17 0.00	36.42 -0.05 0.00	41.31 0.36 0.00	37.60 0.41 0.00	41.38 0.25 0.00	44.31 0.18 0.00	67.13 0.56 0.00	141.00 1.35 0.00	165.90 1.24 0.00	186.77 1.08 0.00	53.60 0.18 0.00	62.07 -0.01 0.00	53.52 -0.45 0.00	48.44 -0.63 0.00	50.74 -0.49 0.00	71.61 -0.24 0.00	75.58 -0.08 0.00	81.44 0.17 0.00	77.73 0.72 0.00	81.72 1.34 0.00	148.92 3.00 0.00	111.00 2.68 0.00	139.14 3.02 0.00	113.14 1.37 -47.79
BORALEX_4TH_BRANCH 23824	36.31 0.95 0.00	37.52 1.05 0.00	42.10 1.15 0.00	38.13 0.93 0.00	42.30 1.17 0.00	45.13 1.00 0.00	67.99 1.41 0.00	141.20 1.54 0.00	166.69 2.03 0.00	187.70 2.00 0.00	54.29 0.86 0.00	63.33 1.25 0.00	55.44 1.47 0.00	50.53 1.46 0.00	52.69 1.46 0.00	74.33 2.47 0.00	78.12 2.46 0.00	83.33 2.06 0.00	78.73 1.73 0.00	81.63 1.25 0.00	147.71 1.78 0.00	109.68 1.35 0.00	138.46 2.34 0.00	64.80 0.82 0.00
BOWLINE___1 23526	36.23 0.87 0.00	37.24 0.77 0.00	41.91 0.96 0.00	38.07 0.87 0.00	41.98 0.86 0.00	45.24 1.10 0.00	68.26 1.68 0.00	143.20 3.55 0.00	168.64 3.98 0.00	190.83 5.14 0.00	55.25 1.83 0.00	64.29 2.21 0.00	56.04 2.07 0.00	51.03 1.96 0.00	53.40 2.17 0.00	74.74 2.89 0.00	78.70 3.04 0.00	84.50 3.23 0.00	79.79 2.79 0.00	83.14 2.76 0.00	150.43 4.50 0.00	110.96 2.63 0.00	138.22 2.10 0.00	65.08 1.10 0.00
BOWLINE___2 23595	36.23 0.87 0.00	37.24 0.77 0.00	41.91 0.96 0.00	38.07 0.87 0.00	41.98 0.86 0.00	45.24 1.11 0.00	68.26 1.68 0.00	143.20 3.55 0.00	168.65 3.99 0.00	190.83 5.14 0.00	55.25 1.83 0.00	64.30 2.21 0.00	56.04 2.07 0.00	51.04 1.97 0.00	53.40 2.17 0.00	74.74 2.89 0.00	78.71 3.04 0.00	84.50 3.23 0.00	79.79 2.79 0.00	83.14 2.76 0.00	150.43 4.50 0.00	110.96 2.63 0.00	138.22 2.10 0.00	65.08 1.10 0.00
BRADY___115KV_TB2 356060	36.05 0.69 0.00	37.28 0.81 0.00	41.78 0.83 0.00	37.94 0.74 0.00	41.90 0.77 0.00	45.13 1.00 0.00	67.71 1.14 0.00	142.55 2.89 0.00	168.10 3.44 0.00	188.70 3.01 0.00	53.74 0.32 0.00	62.16 0.08 0.00	53.65 -0.32 0.00	48.50 -0.57 0.00	50.60 -0.63 0.00	71.26 -0.60 0.00	75.03 -0.63 0.00	80.99 -0.29 0.00	76.96 -0.05 0.00	80.77 0.39 0.00	146.79 0.86 0.00	110.00 1.67 0.00	139.12 3.01 0.00	470.81 1.80 -405.03
BRANSCOMB___SOLAR 323811	36.60 1.24 0.00	37.70 1.23 0.00	42.31 1.36 0.00	38.37 1.17 0.00	42.54 1.41 0.00	45.61 1.48 0.00	68.87 2.29 0.00	143.98 4.33 0.00	169.89 5.23 0.00	191.28 5.59 0.00	55.12 1.69 0.00	64.20 2.12 0.00	56.15 2.18 0.00	51.07 1.99 0.00	53.22 1.99 0.00	75.03 3.18 0.00	79.07 3.40 0.00	85.02 3.74 0.00	80.50 3.49 0.00	83.67 3.29 0.00	151.54 5.61 0.00	111.94 3.62 0.00	140.43 4.32 0.00	65.70 1.71 0.00
BRDGHMPT_69_KV_BK1 55812	37.63 2.27 0.00	38.46 1.99 0.00	43.18 2.23 0.00	39.21 2.01 0.00	43.34 2.22 0.00	46.93 2.80 0.00	70.06 3.49 0.00	146.62 6.97 0.00	171.94 7.28 0.00	195.72 10.03 0.00	57.71 4.26 -0.02	67.49 5.32 -0.08	58.20 4.23 0.00	53.16 4.08 0.00	55.72 4.49 0.00	77.65 5.79 0.00	82.14 6.48 0.00	87.59 6.31 0.00	82.46 5.45 0.00	85.33 4.95 0.00	156.08 10.15 0.00	117.02 8.69 0.00	142.91 6.79 0.00	66.83 2.86 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	37.10 1.74 0.00	37.99 1.51 0.00	42.65 1.70 0.00	38.72 1.52 0.00	42.75 1.63 0.00	46.22 2.09 0.00	69.11 2.53 0.00	144.77 5.12 0.00	170.50 5.84 0.00	193.67 7.98 0.00	56.69 3.24 -0.02	66.08 3.92 -0.08	57.13 3.16 0.00	52.14 3.07 0.00	54.79 3.56 0.00	75.84 3.99 0.00	80.09 4.43 0.00	85.83 4.56 0.00	80.64 3.64 0.00	83.80 3.42 0.00	153.18 7.25 0.00	113.67 5.34 0.00	140.02 3.91 0.00	66.04 2.06 0.00
BRISTLHL_115KV_TB1 79998	34.14 -1.22 0.00	35.14 -1.33 0.00	39.47 -1.48 0.00	35.89 -1.31 0.00	39.72 -1.41 0.00	42.64 -1.49 0.00	64.58 -2.00 0.00	135.85 -3.80 0.00	160.16 -4.50 0.00	180.64 -5.05 0.00	51.82 -1.61 0.00	60.15 -1.93 0.00	52.14 -1.83 0.00	47.35 -1.72 0.00	49.57 -1.66 0.00	69.53 -2.32 0.00	73.29 -2.38 0.00	78.86 -2.41 0.00	75.05 -1.96 0.00	78.46 -1.92 0.00	142.52 -3.41 0.00	105.70 -2.63 0.00	132.57 -3.55 0.00	78.36 -1.78 -16.16
BROOKHAVEN__DRP 24191	37.02 1.66 0.00	37.86 1.39 0.00	42.51 1.56 0.00	38.60 1.40 0.00	42.64 1.52 0.00	46.12 1.99 0.00	68.79 2.21 0.00	143.93 4.28 0.00	168.88 4.22 0.00	192.18 6.49 0.00	56.62 3.17 -0.02	66.14 3.97 -0.08	57.13 3.15 0.00	52.12 3.05 0.00	54.65 3.42 0.00	76.09 4.24 0.00	80.47 4.81 0.00	85.77 4.49 0.00	80.70 3.70 0.00	83.53 3.15 0.00	152.72 6.79 0.00	114.28 5.95 0.00	139.83 3.72 0.00	65.51 1.53 0.00
BROOKLYN_NAVY_YARD 23515	36.61 1.25 0.00	37.59 1.12 0.00	42.25 1.31 0.00	38.37 1.17 0.00	42.32 1.19 0.00	45.63 1.50 0.00	68.72 2.15 0.00	144.26 4.61 0.00	170.00 5.34 0.00	192.39 6.69 0.00	55.82 2.37 -0.02	65.11 2.93 -0.09	56.68 2.71 0.00	51.66 2.59 0.00	54.06 2.83 0.00	75.62 3.76 0.00	79.64 3.98 0.00	85.42 4.14 0.00	80.67 3.66 0.00	84.03 3.65 0.00	151.90 5.97 0.00	111.91 3.58 0.00	139.03 2.91 0.00	65.51 1.53 0.00
BROOKLYN__ARMY_DRP 323595	36.84 1.48 0.00	37.84 1.36 0.00	42.52 1.57 0.00	38.62 1.41 0.00	42.57 1.45 0.00	45.92 1.79 0.00	69.17 2.59 0.00	145.33 5.68 0.00	171.00 6.34 0.00	193.25 7.56 0.00	55.78 2.63 0.28	64.14 3.07 1.02	56.81 2.83 0.00	51.83 2.76 0.00	54.17 2.93 0.00	75.80 3.94 0.00	79.73 4.07 0.00	85.51 4.24 0.00	80.72 3.72 0.00	84.09 3.71 0.00	152.09 6.16 0.00	112.04 3.72 0.00	139.21 3.10 0.00	65.86 1.87 0.00
BROOME_2_LFGE 323671	34.80 -0.62 -0.05	35.87 -0.60 0.00	43.15 -0.76 -2.97	41.70 -0.68 -5.18	47.68 -0.71 -7.27	48.73 -0.75 -5.35	65.77 -0.85 -0.04	139.10 -1.53 -0.97	164.97 -2.05 -2.36	183.79 -1.90 0.00	55.49 -0.74 -2.80	61.83 -0.89 -0.63	57.51 -0.90 -4.43	51.78 -0.76 -3.46	52.69 -0.61 -2.08	75.52 -0.99 -4.65	76.87 -1.06 -2.26	78.49 -1.17 1.61	79.40 -0.99 -3.37	87.62 -0.94 -8.18	149.77 -1.20 -5.03	114.92 -1.06 -7.65	148.21 -1.13 -13.22	72.51 -0.61 -9.14
BROOME__LFGE 323600	34.80 -0.62 -0.05	35.87 -0.60 0.00	43.15 -0.76 -2.97	41.70 -0.68 -5.18	47.68 -0.71 -7.27	48.73 -0.75 -5.35	65.77 -0.85 -0.04	139.10 -1.53 -0.97	164.97 -2.05 -2.36	183.79 -1.90 0.00	55.49 -0.74 -2.80	61.83 -0.89 -0.63	57.51 -0.90 -4.43	51.78 -0.76 -3.46	52.69 -0.61 -2.08	75.52 -0.99 -4.65	76.87 -1.06 -2.26	78.49 -1.17 1.61	79.40 -0.99 -3.37	87.62 -0.94 -8.18	149.77 -1.20 -5.03	114.92 -1.06 -7.65	148.21 -1.13 -13.22	72.51 -0.61 -9.14
BROWNFLS_115KV_TB 3_5 80003	34.38 -0.98 0.00	35.65 -0.82 0.00	40.45 -0.50 0.00	36.81 -0.39 0.00	40.44 -0.68 0.00	43.33 -0.80 0.00	65.29 -1.28 0.00	137.51 -2.14 0.00	161.78 -2.88 0.00	181.64 -4.05 0.00	51.78 -1.65 0.00	59.86 -2.23 0.00	51.44 -2.54 0.00	46.43 -2.65 0.00	48.65 -2.59 0.00	68.68 -3.17 0.00	72.35 -3.31 0.00	77.98 -3.30 0.00	74.59 -2.41 0.00	78.66 -1.72 0.00	143.81 -2.12 0.00	108.25 -0.08 0.00	136.21 0.10 0.00	279.63 0.33 -215.32
BROWNSV1_27_KV_LOAD 356125	36.96 1.60 0.00	37.97 1.50 0.00	42.66 1.72 0.00	38.75 1.55 0.00	42.73 1.61 0.00	46.10 1.96 0.00	69.48 2.91 0.00	146.03 6.37 0.00	172.10 7.44 0.00	194.71 9.01 0.00	56.45 3.02 0.00	65.75 3.66 0.00	57.29 3.32 0.00	52.23 3.16 0.00	54.65 3.42 0.00	76.48 4.62 0.00	80.54 4.88 0.00	86.44 5.17 0.00	81.60 4.60 0.00	85.05 4.67 0.00	153.78 7.85 0.00	113.31 4.98 0.00	140.80 4.69 0.00	66.31 2.33 0.00
BURROWS__LYONSDAL 23803	34.79 -0.57 0.00	36.08 -0.39 0.00	41.08 0.13 0.00	37.43 0.23 0.00	41.10 -0.02 0.00	43.92 -0.21 0.00	66.51 -0.07 0.00	139.73 0.08 0.00	164.33 -0.33 0.00	184.85 -0.84 0.00	52.98 -0.45 0.00	61.34 -0.74 0.00	52.76 -1.21 0.00	47.71 -1.37 0.00	50.03 -1.20 0.00	70.66 -1.20 0.00	74.61 -1.05 0.00	80.43 -0.84 0.00	76.93 -0.08 0.00	81.04 0.66 0.00	147.99 2.06 0.00	110.66 2.34 0.00	138.57 2.45 0.00	127.98 1.15 -62.85
CAITHNESS_CC_1 323624	36.94 1.58 0.00	37.77 1.30 0.00	42.42 1.47 0.00	38.51 1.31 0.00	42.54 1.42 0.00	46.03 1.90 0.00	68.63 2.05 0.00	143.62 3.97 0.00	168.58 3.92 0.00	191.84 6.15 0.00	56.46 3.01 -0.02	65.95 3.79 -0.08	57.01 3.03 0.00	51.99 2.92 0.00	54.56 3.33 0.00	75.90 4.05 0.00	80.26 4.60 0.00	85.65 4.38 0.00	80.61 3.61 0.00	83.46 3.08 0.00	152.51 6.58 0.00	113.93 5.60 0.00	139.52 3.41 0.00	65.45 1.47 0.00
CALPINE BETH_PAGE_GT4 24209	36.77 1.41 0.00	37.64 1.17 0.00	42.25 1.30 0.00	38.36 1.16 0.00	42.35 1.22 0.00	45.73 1.60 0.00	68.43 1.85 0.00	143.37 3.71 0.00	168.70 4.04 0.00	191.37 5.68 0.00	55.83 2.38 -0.02	65.00 2.84 -0.08	56.39 2.42 0.00	51.47 2.40 0.00	53.93 2.70 0.00	74.95 3.10 0.00	79.21 3.55 0.00	85.04 3.76 0.00	80.17 3.17 0.00	83.41 3.03 0.00	151.61 5.68 0.00	111.98 3.65 0.00	138.60 2.48 0.00	65.39 1.41 0.00
CALPINE_BETH_PAGE_GT_4 323586	36.77 1.41 0.00	37.64 1.16 0.00	42.26 1.31 0.00	38.35 1.16 0.00	42.35 1.22 0.00	45.74 1.61 0.00	68.43 1.85 0.00	143.35 3.70 0.00	168.69 4.03 0.00	191.43 5.73 0.00	55.82 2.37 -0.02	65.00 2.83 -0.08	56.40 2.43 0.00	51.45 2.38 0.00	53.94 2.71 0.00	74.95 3.09 0.00	79.21 3.55 0.00	85.05 3.78 0.00	80.18 3.17 0.00	83.41 3.03 0.00	151.58 5.64 0.00	112.02 3.70 0.00	138.58 2.47 0.00	65.40 1.42 0.00
CALPINE_BP_GT1 23823	36.77 1.41 0.00	37.64 1.16 0.00	42.26 1.31 0.00	38.35 1.16 0.00	42.35 1.22 0.00	45.74 1.61 0.00	68.43 1.85 0.00	143.35 3.70 0.00	168.69 4.03 0.00	191.43 5.73 0.00	55.82 2.37 -0.02	65.00 2.83 -0.08	56.40 2.43 0.00	51.45 2.38 0.00	53.94 2.71 0.00	74.95 3.09 0.00	79.21 3.55 0.00	85.05 3.78 0.00	80.18 3.17 0.00	83.41 3.03 0.00	151.58 5.64 0.00	112.02 3.70 0.00	138.58 2.47 0.00	65.40 1.42 0.00
CALSPAN__DRP 24200	30.18 -2.52 2.66	33.55 -2.55 0.38	38.13 -2.82 0.00	35.07 -2.13 0.00	39.02 -2.11 0.00	41.52 -2.61 0.00	50.06 -4.21 12.31	113.46 -8.36 17.82	153.93 -10.16 5.57	169.31 -11.30 5.08	34.70 -3.75 14.97	41.35 -4.50 16.24	35.08 -4.43 14.47	30.66 -4.14 14.27	29.35 -4.37 17.51	43.78 -6.68 21.39	39.24 -6.77 29.66	33.35 -6.90 41.03	38.36 -5.97 32.69	46.38 -5.66 28.33	126.45 -9.72 9.76	101.93 -6.40 0.00	129.34 -6.78 0.00	60.29 -3.69 0.00

CALVERTON___SOLAR 323806	37.13 1.77 0.00	37.96 1.48 0.00	42.63 1.68 0.00	38.69 1.50 0.00	42.75 1.62 0.00	46.27 2.14 0.00	68.99 2.41 0.00	144.25 4.60 0.00	169.23 4.57 0.00	192.66 6.97 0.00	56.79 3.34 -0.02	66.36 4.19 -0.08	57.31 3.34 0.00	52.26 3.19 0.00	54.84 3.60 0.00	76.32 4.47 0.00	80.71 5.05 0.00	86.03 4.76 0.00	80.94 3.93 0.00	83.71 3.33 0.00	153.14 7.21 0.00	114.75 6.42 0.00	140.21 4.09 0.00	65.66 1.68 0.00
CANDIGU_WT_PWR 323617	18.20 -3.39 13.77	31.10 -3.41 1.96	38.93 -3.96 -1.94	37.14 -3.44 -3.38	42.28 -3.59 -4.75	43.64 -3.99 -3.50	-3.11 -5.74 63.94	35.83 -11.81 92.00	149.47 -14.46 0.73	147.59 -15.97 22.13	-25.85 -4.85 74.43	-27.76 -5.82 84.03	-23.64 -5.28 72.33	-27.50 -4.61 71.96	-43.00 -4.52 89.71	-43.00 -6.67 108.18	-43.00 -7.32 111.34	-43.00 -7.94 116.33	-42.62 -7.11 112.52	-42.11 -7.03 115.46	86.95 -11.50 47.47	105.99 -7.34 -5.00	137.94 -6.81 -8.64	66.76 -3.20 -5.97
CARR STREET_E_SYP 24060	34.84 -0.52 0.00	35.87 -0.60 0.00	40.26 -0.69 0.00	36.61 -0.59 0.00	40.52 -0.61 0.00	43.49 -0.64 0.00	65.85 -0.73 0.00	138.52 -1.14 0.00	163.28 -1.38 0.00	184.22 -1.48 0.00	52.91 -0.52 0.00	61.44 -0.65 0.00	53.26 -0.71 0.00	48.42 -0.65 0.00	50.67 -0.56 0.00	71.02 -0.83 0.00	74.82 -0.84 0.00	80.47 -0.81 0.00	76.40 -0.60 0.00	79.80 -0.58 0.00	144.93 -1.00 0.00	107.45 -0.87 0.00	134.99 -1.13 0.00	70.81 -0.67 -7.49
CARTHAGE___PAPER 23857	34.16 -1.20 0.00	35.43 -1.05 0.00	40.49 -0.46 0.00	36.95 -0.25 0.00	40.48 -0.65 0.00	43.30 -0.84 0.00	65.82 -0.76 0.00	138.65 -1.00 0.00	162.69 -1.97 0.00	182.43 -3.26 0.00	51.80 -1.62 0.00	59.69 -2.40 0.00	51.01 -2.97 0.00	45.84 -3.23 0.00	48.32 -2.91 0.00	68.49 -3.37 0.00	72.46 -3.20 0.00	78.32 -2.96 0.00	75.93 -1.08 0.00	80.56 0.18 0.00	147.97 2.04 0.00	111.35 3.02 0.00	139.17 3.06 0.00	171.66 1.45 -106.23
CASSADAGA_WT_PWR 323784	30.06 -3.13 2.18	32.95 -3.23 0.29	29.25 -3.19 8.51	20.31 -2.04 14.85	18.37 -1.91 20.84	26.48 -2.30 15.34	53.86 -3.19 9.52	118.00 -5.25 16.40	150.54 -6.21 7.92	174.15 -6.74 4.81	30.63 -2.98 19.82	44.15 -3.72 14.21	26.31 -3.90 23.77	24.69 -3.55 20.83	28.19 -3.71 19.32	36.24 -5.95 29.66	23.16 -6.25 46.26	14.29 -6.10 60.88	15.97 -4.91 56.12	20.51 -3.79 56.07	118.87 -5.16 21.90	83.21 -3.16 21.95	95.17 -3.03 37.92	35.72 -2.05 26.20
CE_DUNWOOD___DRP 24194	36.46 1.10 0.00	37.46 0.99 0.00	42.13 1.18 0.00	38.27 1.07 0.00	42.22 1.09 0.00	45.49 1.36 0.00	68.59 2.02 0.00	144.00 4.35 0.00	169.63 4.97 0.00	191.92 6.22 0.00	55.62 2.19 0.00	64.75 2.67 0.00	56.42 2.45 0.00	51.42 2.34 0.00	53.80 2.56 0.00	75.28 3.42 0.00	79.27 3.61 0.00	85.09 3.82 0.00	80.35 3.35 0.00	83.70 3.33 0.00	151.44 5.51 0.00	111.67 3.34 0.00	138.98 2.87 0.00	65.44 1.46 0.00
CE_MILLWOOD___DRP 24193	36.38 1.02 0.00	37.38 0.91 0.00	42.06 1.11 0.00	38.20 1.00 0.00	42.14 1.02 0.00	45.41 1.28 0.00	68.46 1.89 0.00	143.73 4.08 0.00	169.30 4.65 0.00	191.53 5.84 0.00	55.49 2.07 0.00	64.60 2.51 0.00	56.30 2.32 0.00	51.28 2.21 0.00	53.66 2.43 0.00	75.11 3.25 0.00	79.07 3.41 0.00	84.91 3.63 0.00	80.17 3.16 0.00	83.53 3.15 0.00	151.11 5.18 0.00	111.44 3.11 0.00	138.76 2.64 0.00	65.32 1.34 0.00
CE_NYC2_DRP 24202	36.80 1.44 0.00	37.80 1.33 0.00	42.47 1.52 0.00	38.58 1.38 0.00	42.53 1.41 0.00	45.88 1.74 0.00	69.11 2.53 0.00	145.19 5.54 0.00	170.98 6.32 0.00	193.38 7.69 0.00	56.33 2.66 -0.25	66.17 3.17 -0.91	56.89 2.92 0.00	51.88 2.81 0.00	54.25 3.02 0.00	75.90 4.05 0.00	79.88 4.21 0.00	85.68 4.40 0.00	80.86 3.85 0.00	84.23 3.85 0.00	152.28 6.35 0.00	112.20 3.87 0.00	139.39 3.27 0.00	65.82 1.84 0.00
CE_NYC_DRP 24195	36.68 1.31 0.00	37.68 1.21 0.00	42.35 1.41 0.00	38.47 1.27 0.00	42.42 1.29 0.00	45.75 1.61 0.00	68.90 2.33 0.00	144.76 5.11 0.00	170.57 5.91 0.00	193.04 7.34 0.00	55.97 2.55 0.00	65.19 3.10 0.00	56.81 2.83 0.00	51.78 2.71 0.00	54.18 2.95 0.00	75.80 3.94 0.00	79.81 4.15 0.00	85.64 4.36 0.00	80.85 3.84 0.00	84.21 3.84 0.00	152.23 6.30 0.00	112.18 3.85 0.00	139.42 3.30 0.00	65.68 1.70 0.00
CHAFFEE___LFGE 323603	30.60 -2.41 2.35	33.72 -2.43 0.32	30.04 -2.72 8.19	20.86 -2.05 14.29	19.06 -2.00 20.06	26.87 -2.49 14.77	52.27 -3.95 10.36	114.40 -7.74 17.51	147.76 -9.39 7.51	170.41 -10.50 4.78	29.49 -3.54 20.40	42.61 -4.22 15.26	25.39 -4.31 24.28	23.70 -3.93 21.43	26.75 -4.19 20.30	34.88 -6.35 30.63	22.74 -6.61 46.32	14.64 -6.63 60.00	15.59 -5.67 55.75	19.05 -5.30 56.03	114.57 -9.33 22.03	81.06 -6.13 21.13	93.13 -6.47 36.51	35.18 -3.57 25.23
CHATEAUG_35_KV_LOAD 355732	35.18 -0.18 0.00	36.39 -0.09 0.00	40.65 -0.29 0.00	36.59 -0.61 0.00	40.30 -0.82 0.00	43.42 -0.72 0.00	65.26 -1.32 0.00	137.06 -2.59 0.00	161.85 -2.81 0.00	182.31 -3.38 0.00	52.23 -1.20 0.00	60.48 -1.61 0.00	52.54 -1.43 0.00	47.61 -1.46 0.00	49.56 -1.67 0.00	69.76 -2.09 0.00	73.58 -2.08 0.00	79.11 -2.16 0.00	74.82 -2.19 0.00	78.14 -2.24 0.00	142.69 -3.24 0.00	107.28 -1.04 0.00	136.10 -0.01 0.00	108.92 0.25 -44.68
CHATEAUG_WT_PWR 323614	35.18 -0.18 0.00	36.39 -0.08 0.00	40.70 -0.25 0.00	36.63 -0.57 0.00	40.36 -0.77 0.00	43.43 -0.70 0.00	65.30 -1.27 0.00	137.05 -2.61 0.00	161.82 -2.84 0.00	182.38 -3.31 0.00	52.32 -1.11 0.00	60.63 -1.46 0.00	52.69 -1.28 0.00	47.77 -1.30 0.00	49.75 -1.49 0.00	69.99 -1.86 0.00	73.72 -1.95 0.00	79.16 -2.11 0.00	74.79 -2.22 0.00	78.02 -2.36 0.00	142.48 -3.46 0.00	107.02 -1.31 0.00	135.73 -0.39 0.00	57.14 0.06 6.90
CHAT_HIGH_FALL_HYD 323578	35.18 -0.18 0.00	36.39 -0.09 0.00	40.65 -0.29 0.00	36.59 -0.61 0.00	40.30 -0.82 0.00	43.42 -0.72 0.00	65.26 -1.32 0.00	137.06 -2.59 0.00	161.85 -2.81 0.00	182.31 -3.38 0.00	52.23 -1.20 0.00	60.48 -1.61 0.00	52.54 -1.43 0.00	47.61 -1.46 0.00	49.56 -1.67 0.00	69.76 -2.09 0.00	73.58 -2.08 0.00	79.11 -2.16 0.00	74.82 -2.19 0.00	78.14 -2.24 0.00	142.69 -3.24 0.00	107.28 -1.04 0.00	136.10 -0.01 0.00	108.92 0.25 -44.68
CHAUTAUQUA___LFGE 323629	29.92 -2.84 2.60	33.26 -2.86 0.35	29.58 -3.15 8.21	20.53 -2.34 14.33	18.69 -2.31 20.12	26.55 -2.78 14.81	51.13 -3.97 11.48	113.22 -7.29 19.15	148.26 -8.91 7.49	170.98 -9.67 5.04	28.08 -3.63 21.71	40.94 -4.41 16.74	23.88 -4.46 25.63	22.22 -4.09 22.76	25.07 -4.26 21.91	32.61 -6.64 32.61	20.60 -7.01 48.06	12.86 -7.06 61.35	13.75 -5.83 57.43	17.23 -5.09 58.05	115.32 -7.66 22.96	82.13 -5.01 21.19	94.25 -5.26 36.61	35.68 -3.01 25.30
CHERRYST_13_KV_LD 356241	36.76 1.40 0.00	37.76 1.29 0.00	42.44 1.49 0.00	38.57 1.37 0.00	42.52 1.40 0.00	45.84 1.71 0.00	69.10 2.52 0.00	145.17 5.52 0.00	171.07 6.41 0.00	193.65 7.96 0.00	56.15 2.72 0.00	65.37 3.29 0.00	56.98 3.00 0.00	51.94 2.86 0.00	54.34 3.11 0.00	76.05 4.19 0.00	80.06 4.40 0.00	85.90 4.63 0.00	81.08 4.08 0.00	84.46 4.08 0.00	152.65 6.72 0.00	112.46 4.13 0.00	139.78 3.67 0.00	65.86 1.87 0.00

CHESTROR_138KV_BK263 355645	36.08 0.71 0.00	37.15 0.68 0.00	41.85 0.90 0.00	38.02 0.82 0.00	41.94 0.82 0.00	45.16 1.03 0.00	68.20 1.62 0.00	143.10 3.45 0.00	168.56 3.90 0.00	190.62 4.93 0.00	55.03 1.60 0.00	64.03 1.95 0.00	55.75 1.77 0.00	50.70 1.63 0.00	53.04 1.81 0.00	74.21 2.35 0.00	78.11 2.45 0.00	83.97 2.70 0.00	79.35 2.34 0.00	82.82 2.44 0.00	149.88 3.95 0.00	110.64 2.31 0.00	138.03 1.91 0.00	64.96 0.98 0.00
CH_MIDHUDSON___DRP 24192	36.32 0.96 0.00	37.34 0.87 0.00	42.02 1.07 0.00	38.17 0.97 0.00	42.14 1.02 0.00	45.36 1.23 0.00	68.44 1.87 0.00	143.62 3.97 0.00	169.25 4.59 0.00	191.47 5.78 0.00	55.41 1.98 0.00	64.53 2.44 0.00	56.23 2.26 0.00	51.24 2.17 0.00	53.60 2.37 0.00	75.09 3.23 0.00	79.05 3.38 0.00	84.91 3.64 0.00	80.23 3.23 0.00	83.59 3.21 0.00	151.31 5.38 0.00	111.59 3.26 0.00	139.13 3.01 0.00	65.42 1.44 0.00
CH_MISC_IPPS 23765	36.47 1.12 0.00	37.51 1.04 0.00	42.23 1.28 0.00	38.35 1.16 0.00	42.34 1.21 0.00	45.61 1.48 0.00	68.84 2.26 0.00	144.50 4.85 0.00	170.37 5.71 0.00	192.65 6.96 0.00	55.74 2.31 0.00	64.89 2.81 0.00	56.55 2.58 0.00	51.51 2.44 0.00	53.91 2.68 0.00	75.47 3.61 0.00	79.48 3.82 0.00	85.40 4.12 0.00	80.71 3.71 0.00	84.11 3.73 0.00	152.27 6.34 0.00	112.26 3.94 0.00	139.94 3.82 0.00	65.78 1.80 0.00
CH_RES_BVR_FALLS 23983	35.28 -0.08 0.00	36.41 -0.06 0.00	40.85 -0.10 0.00	37.07 -0.13 0.00	40.98 -0.14 0.00	43.99 -0.14 0.00	66.30 -0.28 0.00	139.09 -0.56 0.00	164.05 -0.61 0.00	184.90 -0.79 0.00	53.15 -0.28 0.00	61.71 -0.37 0.00	53.64 -0.33 0.00	48.73 -0.34 0.00	50.85 -0.38 0.00	71.34 -0.51 0.00	75.13 -0.53 0.00	80.75 -0.52 0.00	76.50 -0.51 0.00	79.84 -0.54 0.00	145.07 -0.86 0.00	107.93 -0.40 0.00	135.83 -0.29 0.00	55.55 -0.06 8.38
CH_RES_NIAGARA 23895	29.74 -3.41 2.21	32.64 -3.51 0.31	37.22 -3.73 0.00	34.30 -2.90 0.00	38.19 -2.94 0.00	40.32 -3.81 10.18	50.46 -5.93 14.75	112.34 -12.57 14.75	148.80 -15.40 0.46	163.65 -17.97 4.07	35.79 -5.30 12.34	42.42 -6.23 13.43	35.82 -6.18 11.97	31.59 -5.68 11.81	30.83 -5.91 14.49	45.37 -8.79 17.69	41.78 -8.84 25.04	36.91 -9.18 35.18	41.16 -8.12 27.72	48.44 -8.17 23.76	122.62 -15.23 8.08	97.51 -10.82 0.00	123.84 -12.28 0.00	57.63 -6.35 0.00
CH_RES_SYRACUSE 23985	34.99 -0.37 0.00	36.04 -0.43 0.00	40.43 -0.52 0.00	36.77 -0.44 0.00	40.66 -0.47 0.00	43.69 -0.44 0.00	66.28 -0.29 0.00	139.39 -0.26 0.00	164.19 -0.47 0.00	185.28 -0.41 0.00	53.17 -0.26 0.00	61.78 -0.30 0.00	53.53 -0.44 0.00	48.68 -0.40 0.00	50.93 -0.30 0.00	71.40 -0.46 0.00	75.32 -0.35 0.00	81.01 -0.27 0.00	76.92 -0.09 0.00	80.33 -0.05 0.00	145.94 0.01 0.00	108.21 -0.11 0.00	135.86 -0.26 0.00	71.03 -0.22 -7.26
CLINTON_WT_PWR 323605	35.18 -0.18 0.00	36.39 -0.08 0.00	40.70 -0.25 0.00	36.63 -0.57 0.00	40.36 -0.77 0.00	43.43 -0.70 0.00	65.30 -1.27 0.00	137.05 -2.61 0.00	161.82 -2.84 0.00	182.38 -3.31 0.00	52.32 -1.11 0.00	60.63 -1.46 0.00	52.69 -1.28 0.00	47.77 -1.30 0.00	49.75 -1.49 0.00	69.99 -1.86 0.00	73.72 -1.95 0.00	79.16 -2.11 0.00	74.79 -2.22 0.00	78.02 -2.36 0.00	142.48 -3.46 0.00	107.02 -1.31 0.00	135.73 -0.39 0.00	57.14 0.06 6.90
CLINTON___LFGE 323618	35.63 0.26 0.00	36.83 0.36 0.00	41.21 0.26 0.00	37.09 -0.10 0.00	40.90 -0.22 0.00	44.04 -0.09 0.00	66.23 -0.35 0.00	139.09 -0.57 0.00	164.25 -0.41 0.00	185.21 -0.48 0.00	53.15 -0.28 0.00	61.57 -0.52 0.00	53.43 -0.54 0.00	48.41 -0.67 0.00	50.30 -0.93 0.00	70.79 -1.06 0.00	74.67 -0.99 0.00	80.20 -1.07 0.00	75.60 -1.41 0.00	78.79 -1.59 0.00	144.02 -1.91 0.00	108.24 -0.08 0.00	137.68 1.56 0.00	71.84 1.11 -6.75
COBBLENY_34_KV_TB1 80064	30.75 -2.40 2.21	33.72 -2.43 0.32	38.24 -2.71 0.00	35.18 -2.02 0.00	39.13 -2.00 0.00	41.66 -2.47 10.24	52.36 -3.98 14.83	116.98 -7.85 14.83	154.63 -9.49 0.54	170.38 -10.53 4.78	37.20 -3.56 12.66	44.32 -4.26 13.51	37.73 -4.22 12.04	33.25 -3.95 11.87	32.49 -4.18 14.57	47.68 -6.39 17.79	42.04 -6.49 27.14	34.64 -6.59 40.05	40.87 -5.64 30.50	49.85 -5.37 25.15	128.57 -9.24 8.12	102.24 -6.09 0.00	129.72 -6.39 0.00	60.43 -3.55 0.00
COFFEEN___115KV_TB3 355620	34.00 -1.36 0.00	35.19 -1.28 0.00	40.15 -0.80 0.00	36.66 -0.54 0.00	40.20 -0.92 0.00	43.09 -1.04 0.00	65.88 -0.70 0.00	138.93 -0.72 0.00	163.03 -1.63 0.00	182.66 -3.03 0.00	51.74 -1.69 0.00	59.45 -2.64 0.00	50.81 -3.16 0.00	45.59 -3.48 0.00	48.11 -3.12 0.00	68.19 -3.66 0.00	72.17 -3.49 0.00	78.08 -3.20 0.00	76.26 -0.75 0.00	81.07 0.69 0.00	149.22 3.30 0.00	112.07 3.74 0.00	139.75 3.63 0.00	158.15 1.56 -92.62
COLDSPRG_115KV_BK1 355956	32.14 -1.86 1.36	34.38 -1.90 0.19	39.01 -1.94 0.00	35.99 -1.21 0.00	40.08 -1.04 0.00	42.82 -1.31 6.30	58.43 -1.84 9.13	127.84 -2.68 9.13	161.14 -3.02 0.50	178.22 -3.04 4.43	43.21 -1.87 8.35	51.38 -2.39 8.32	44.14 -2.43 7.41	39.50 -2.26 7.31	39.95 -2.31 8.97	56.82 -4.09 10.95	49.26 -4.00 22.40	38.99 -4.00 38.28	47.35 -3.25 26.40	58.79 -2.47 19.13	137.78 -3.15 5.00	106.49 -1.84 0.00	135.08 -1.04 0.00	62.93 -1.06 0.00
COLONIE_LFGE___ 323577	36.16 0.80 0.00	37.30 0.83 0.00	41.86 0.92 0.00	37.98 0.78 0.00	42.06 0.94 0.00	45.04 0.91 0.00	67.92 1.35 0.00	141.83 2.18 0.00	167.34 2.68 0.00	188.51 2.82 0.00	54.43 1.01 0.00	63.40 1.32 0.00	55.40 1.42 0.00	50.43 1.36 0.00	52.58 1.35 0.00	74.04 2.18 0.00	77.94 2.27 0.00	83.54 2.27 0.00	78.99 1.98 0.00	82.13 1.75 0.00	148.72 2.79 0.00	110.18 1.86 0.00	138.55 2.43 0.00	64.95 0.97 0.00
COOPERNY_115KV_TB1 80082	35.84 0.48 0.00	36.97 0.50 0.00	41.67 0.72 0.00	37.85 0.65 0.00	41.78 0.66 0.00	44.95 0.82 0.00	67.82 1.24 0.00	142.35 2.70 0.00	167.68 3.02 0.00	189.51 3.82 0.00	54.70 1.28 0.00	63.60 1.52 0.00	55.37 1.40 0.00	50.36 1.28 0.00	52.65 1.42 0.00	73.66 1.81 0.00	77.59 1.92 0.00	83.31 2.04 0.00	78.76 1.76 0.00	82.11 1.73 0.00	148.81 2.88 0.00	109.94 1.62 0.00	137.46 1.34 0.00	64.67 0.68 0.00
COPENHAGEN_WT_PWR 323753	33.42 -1.94 0.00	34.57 -1.90 0.00	39.46 -1.49 0.00	36.06 -1.14 0.00	39.48 -1.65 0.00	42.30 -1.84 0.00	64.57 -2.00 0.00	136.06 -3.59 0.00	159.79 -4.87 0.00	179.14 -6.56 0.00	50.80 -2.63 0.00	58.45 -3.63 0.00	50.03 -3.95 0.00	44.99 -4.08 0.00	47.40 -3.83 0.00	67.20 -4.65 0.00	71.16 -4.51 0.00	76.93 -4.35 0.00	74.92 -2.09 0.00	79.72 -0.66 0.00	147.23 1.30 0.00	110.87 2.54 0.00	138.11 2.00 0.00	153.86 0.90 -88.98
CORNELL____ 23752	35.98 -0.16 -0.78	36.40 -0.18 -0.11	40.63 -0.32 0.00	36.94 -0.26 0.00	40.89 -0.24 0.00	44.01 -0.13 0.00	70.20 0.22 -3.41	145.73 1.14 -4.95	166.00 1.17 -0.17	188.50 1.31 -1.49	57.67 0.14 -4.11	66.48 -0.02 -4.42	57.68 -0.23 -3.94	52.68 -0.28 -3.88	55.96 -0.04 -4.76	77.77 0.10 -5.82	124.50 0.34 -48.50	182.67 0.47 -100.93	139.30 0.71 -61.58	114.95 0.89 -33.68	150.71 2.11 -2.68	109.58 1.25 0.00	137.62 1.50 0.00	64.57 0.59 0.00

CORONA_69_KV_TB1 355595	36.82 1.46 0.00	37.76 1.29 0.00	42.42 1.47 0.00	38.52 1.32 0.00	42.52 1.40 0.00	45.89 1.76 0.00	68.81 2.23 0.00	144.58 4.93 0.00	170.20 5.54 0.00	192.94 7.25 0.00	56.20 2.75 -0.02	65.43 3.26 -0.08	56.78 2.80 0.00	51.85 2.77 0.00	54.30 3.07 0.00	75.65 3.79 0.00	79.89 4.23 0.00	85.77 4.49 0.00	80.91 3.91 0.00	84.23 3.86 0.00	152.75 6.82 0.00	112.74 4.41 0.00	139.72 3.60 0.00	65.88 1.89 0.00
CORTLAND_115KV_TB3 80093	35.13 -0.24 0.00	36.23 -0.25 0.00	40.62 -0.33 0.00	36.92 -0.28 0.00	40.86 -0.27 0.00	43.89 -0.24 0.00	66.56 -0.02 0.00	140.06 0.41 0.00	164.97 0.31 0.00	186.20 0.51 0.00	53.44 0.02 0.00	62.00 -0.09 0.00	53.74 -0.23 0.00	48.80 -0.27 0.00	51.13 -0.11 0.00	71.75 -0.10 0.00	87.33 -0.02 -11.68	107.69 0.07 -26.34	92.58 0.27 -15.30	88.24 0.39 -7.48	146.97 1.04 0.00	108.85 0.52 0.00	136.68 0.57 0.00	71.08 0.16 -6.93
COXSACKIE__GT 23611	37.23 1.86 0.00	38.37 1.90 0.00	43.06 2.11 0.00	39.12 1.92 0.00	43.28 2.16 0.00	46.47 2.33 0.00	70.47 3.89 0.00	148.13 8.48 0.00	175.26 10.60 0.00	197.48 11.79 0.00	56.83 3.41 0.00	66.21 4.12 0.00	57.72 3.75 0.00	52.57 3.50 0.00	54.98 3.74 0.00	77.33 5.47 0.00	81.16 5.50 0.00	87.81 6.53 0.00	83.19 6.18 0.00	86.62 6.24 0.00	156.92 10.99 0.00	116.09 7.76 0.00	145.39 9.28 0.00	68.15 4.17 0.00
CPV_VALLEY__CC1 323721	35.86 0.50 0.00	36.98 0.51 0.00	41.75 0.80 0.00	37.91 0.71 0.00	41.84 0.71 0.00	45.03 0.90 0.00	67.94 1.37 0.00	142.55 2.90 0.00	167.91 3.25 0.00	189.89 4.20 0.00	54.85 1.43 0.00	63.78 1.70 0.00	55.54 1.57 0.00	50.51 1.43 0.00	52.81 1.58 0.00	73.78 1.92 0.00	77.68 2.01 0.00	83.41 2.14 0.00	78.82 1.82 0.00	82.14 1.76 0.00	148.71 2.78 0.00	109.84 1.51 0.00	137.12 1.00 0.00	64.52 0.54 0.00
CPV_VALLEY__CC2 323722	35.86 0.50 0.00	36.98 0.51 0.00	41.75 0.80 0.00	37.91 0.71 0.00	41.84 0.71 0.00	45.03 0.90 0.00	67.94 1.37 0.00	142.55 2.90 0.00	167.91 3.25 0.00	189.89 4.20 0.00	54.85 1.43 0.00	63.78 1.70 0.00	55.54 1.57 0.00	50.51 1.43 0.00	52.81 1.58 0.00	73.78 1.92 0.00	77.68 2.01 0.00	83.41 2.14 0.00	78.82 1.82 0.00	82.14 1.76 0.00	148.71 2.78 0.00	109.84 1.51 0.00	137.12 1.00 0.00	64.52 0.54 0.00
CRESCENT__HYD 24018	36.16 0.80 0.00	37.30 0.83 0.00	41.86 0.92 0.00	37.98 0.78 0.00	42.06 0.94 0.00	45.04 0.91 0.00	67.92 1.35 0.00	141.83 2.18 0.00	167.34 2.68 0.00	188.51 2.82 0.00	54.43 1.01 0.00	63.40 1.32 0.00	55.40 1.42 0.00	50.43 1.36 0.00	52.58 1.35 0.00	74.04 2.18 0.00	77.94 2.27 0.00	83.54 2.27 0.00	78.99 1.98 0.00	82.13 1.75 0.00	148.72 2.79 0.00	110.18 1.86 0.00	138.55 2.43 0.00	64.95 0.97 0.00
CRICKET__VALLEY_CC1 323756	35.90 0.53 0.00	36.87 0.39 0.00	41.56 0.62 0.00	37.75 0.55 0.00	41.68 0.55 0.00	44.88 0.75 0.00	67.66 1.08 0.00	141.83 2.18 0.00	167.20 2.54 0.00	189.12 3.43 0.00	54.76 1.34 0.00	63.79 1.70 0.00	55.65 1.68 0.00	50.72 1.65 0.00	53.08 1.85 0.00	74.36 2.51 0.00	78.26 2.59 0.00	84.10 2.82 0.00	79.37 2.37 0.00	82.60 2.22 0.00	149.61 3.68 0.00	110.16 1.83 0.00	137.40 1.29 0.00	64.61 0.63 0.00
CRICKET__VALLEY_CC2 323757	35.90 0.53 0.00	36.87 0.39 0.00	41.56 0.62 0.00	37.75 0.55 0.00	41.68 0.55 0.00	44.88 0.75 0.00	67.66 1.08 0.00	141.83 2.18 0.00	167.20 2.54 0.00	189.12 3.43 0.00	54.76 1.34 0.00	63.79 1.70 0.00	55.65 1.68 0.00	50.72 1.65 0.00	53.08 1.85 0.00	74.36 2.51 0.00	78.26 2.59 0.00	84.10 2.82 0.00	79.37 2.37 0.00	82.60 2.22 0.00	149.61 3.68 0.00	110.16 1.83 0.00	137.40 1.29 0.00	64.61 0.63 0.00
CRICKET__VALLEY_CC3 323758	35.90 0.53 0.00	36.87 0.39 0.00	41.56 0.62 0.00	37.75 0.55 0.00	41.68 0.55 0.00	44.88 0.75 0.00	67.66 1.08 0.00	141.83 2.18 0.00	167.20 2.54 0.00	189.12 3.43 0.00	54.76 1.34 0.00	63.79 1.70 0.00	55.65 1.68 0.00	50.72 1.65 0.00	53.08 1.85 0.00	74.36 2.51 0.00	78.26 2.59 0.00	84.10 2.82 0.00	79.37 2.37 0.00	82.60 2.22 0.00	149.61 3.68 0.00	110.16 1.83 0.00	137.40 1.29 0.00	64.61 0.63 0.00
CRUCIBLE_METL_DRP 24180	34.99 -0.37 0.00	36.04 -0.43 0.00	40.43 -0.51 0.00	36.76 -0.44 0.00	40.66 -0.47 0.00	43.70 -0.43 0.00	66.28 -0.30 0.00	139.39 -0.27 0.00	164.20 -0.46 0.00	185.28 -0.41 0.00	53.17 -0.26 0.00	61.78 -0.30 0.00	53.54 -0.43 0.00	48.68 -0.40 0.00	50.93 -0.30 0.00	71.40 -0.46 0.00	75.33 -0.34 0.00	81.02 -0.25 0.00	76.92 -0.09 0.00	80.33 -0.05 0.00	145.96 0.03 0.00	108.21 -0.12 0.00	135.87 -0.24 0.00	71.03 -0.22 -7.26
DAHOWA__HYDRO 323763	36.73 1.37 0.00	37.84 1.36 0.00	42.44 1.49 0.00	38.48 1.28 0.00	42.68 1.55 0.00	45.78 1.65 0.00	69.13 2.56 0.00	144.65 5.00 0.00	170.63 5.97 0.00	192.09 6.39 0.00	55.33 1.90 0.00	64.47 2.39 0.00	56.41 2.44 0.00	51.31 2.24 0.00	53.46 2.23 0.00	75.37 3.52 0.00	79.47 3.81 0.00	85.49 4.22 0.00	80.98 3.97 0.00	84.14 3.76 0.00	152.36 6.44 0.00	112.45 4.12 0.00	141.03 4.91 0.00	65.91 1.93 0.00
DANC__LFGE 323619	33.69 -1.67 0.00	34.81 -1.66 0.00	39.55 -1.40 0.00	36.08 -1.12 0.00	39.64 -1.49 0.00	42.51 -1.62 0.00	64.79 -1.79 0.00	136.48 -3.17 0.00	160.39 -4.27 0.00	180.11 -5.58 0.00	51.22 -2.21 0.00	59.08 -3.01 0.00	50.73 -3.24 0.00	45.74 -3.33 0.00	48.10 -3.13 0.00	67.98 -3.88 0.00	71.86 -3.80 0.00	77.66 -3.61 0.00	75.22 -1.78 0.00	79.63 -0.75 0.00	146.32 0.39 0.00	109.66 1.33 0.00	136.90 0.78 0.00	133.32 0.28 -69.06
DANSKAMMER__1 23586	36.47 1.12 0.00	37.51 1.04 0.00	42.23 1.28 0.00	38.35 1.16 0.00	42.34 1.21 0.00	45.61 1.48 0.00	68.84 2.26 0.00	144.50 4.85 0.00	170.37 5.71 0.00	192.65 6.96 0.00	55.74 2.31 0.00	64.89 2.81 0.00	56.55 2.58 0.00	51.51 2.44 0.00	53.91 2.68 0.00	75.47 3.61 0.00	79.48 3.82 0.00	85.40 4.12 0.00	80.71 3.71 0.00	84.11 3.73 0.00	152.27 6.34 0.00	112.26 3.94 0.00	139.94 3.82 0.00	65.78 1.80 0.00
DANSKAMMER__2 23589	36.47 1.12 0.00	37.51 1.04 0.00	42.23 1.28 0.00	38.35 1.16 0.00	42.34 1.21 0.00	45.61 1.48 0.00	68.84 2.26 0.00	144.50 4.85 0.00	170.37 5.71 0.00	192.65 6.96 0.00	55.74 2.31 0.00	64.89 2.81 0.00	56.55 2.58 0.00	51.51 2.44 0.00	53.91 2.68 0.00	75.47 3.61 0.00	79.48 3.82 0.00	85.40 4.12 0.00	80.71 3.71 0.00	84.11 3.73 0.00	152.27 6.34 0.00	112.26 3.94 0.00	139.94 3.82 0.00	65.78 1.80 0.00
DANSKAMMER__3 23590	36.47 1.12 0.00	37.51 1.04 0.00	42.23 1.28 0.00	38.35 1.16 0.00	42.34 1.21 0.00	45.61 1.48 0.00	68.84 2.26 0.00	144.50 4.85 0.00	170.37 5.71 0.00	192.65 6.96 0.00	55.74 2.31 0.00	64.89 2.81 0.00	56.55 2.58 0.00	51.51 2.44 0.00	53.91 2.68 0.00	75.47 3.61 0.00	79.48 3.82 0.00	85.40 4.12 0.00	80.71 3.71 0.00	84.11 3.73 0.00	152.27 6.34 0.00	112.26 3.94 0.00	139.94 3.82 0.00	65.78 1.80 0.00

DANSKAMMER___4 23591	36.47 1.12 0.00	37.51 1.04 0.00	42.23 1.28 0.00	38.35 1.16 0.00	42.34 1.21 0.00	45.61 1.48 0.00	68.84 2.26 0.00	144.50 4.85 0.00	170.37 5.71 0.00	192.65 6.96 0.00	55.74 2.31 0.00	64.89 2.81 0.00	56.55 2.58 0.00	51.51 2.44 0.00	53.91 2.68 0.00	75.47 3.61 0.00	79.48 3.82 0.00	85.40 4.12 0.00	80.71 3.71 0.00	84.11 3.73 0.00	152.27 6.34 0.00	112.26 3.94 0.00	139.94 3.82 0.00	65.78 1.80 0.00
DANSKAMMER___DIESEL 23592	36.47 1.11 0.00	37.51 1.04 0.00	42.23 1.28 0.00	38.36 1.16 0.00	42.34 1.22 0.00	45.60 1.47 0.00	68.84 2.26 0.00	144.57 4.92 0.00	170.36 5.70 0.00	192.65 6.96 0.00	55.74 2.31 0.00	64.89 2.81 0.00	56.53 2.56 0.00	51.50 2.43 0.00	53.91 2.68 0.00	75.47 3.62 0.00	79.47 3.81 0.00	85.39 4.12 0.00	80.71 3.71 0.00	84.12 3.74 0.00	152.26 6.33 0.00	112.26 3.93 0.00	139.93 3.81 0.00	65.79 1.80 0.00
DARBY___SOLAR 323810	36.62 1.26 0.00	37.74 1.26 0.00	42.33 1.39 0.00	38.38 1.18 0.00	42.55 1.43 0.00	45.65 1.51 0.00	68.90 2.33 0.00	144.10 4.45 0.00	169.99 5.33 0.00	191.41 5.72 0.00	55.15 1.73 0.00	64.25 2.17 0.00	56.20 2.22 0.00	51.10 2.03 0.00	53.26 2.03 0.00	75.08 3.22 0.00	79.12 3.46 0.00	85.10 3.82 0.00	80.56 3.56 0.00	83.71 3.33 0.00	151.58 5.66 0.00	111.98 3.66 0.00	140.48 4.36 0.00	65.71 1.72 0.00
DASHVILLE___HYD 23610	36.14 0.78 0.00	37.17 0.69 0.00	41.85 0.90 0.00	38.01 0.81 0.00	41.94 0.81 0.00	45.15 1.02 0.00	68.15 1.57 0.00	143.05 3.40 0.00	168.60 3.94 0.00	190.78 5.09 0.00	55.20 1.78 0.00	64.28 2.19 0.00	55.99 2.02 0.00	51.02 1.94 0.00	53.38 2.15 0.00	74.75 2.89 0.00	78.64 2.98 0.00	84.53 3.26 0.00	79.91 2.90 0.00	83.25 2.87 0.00	150.74 4.81 0.00	111.21 2.88 0.00	138.68 2.57 0.00	65.20 1.22 0.00
DELAWARE___LFGE 323621	35.56 0.19 0.00	36.72 0.25 0.00	41.25 0.30 0.00	37.49 0.29 0.00	41.44 0.31 0.00	44.47 0.34 0.00	67.20 0.62 0.00	141.14 1.48 0.00	166.30 1.64 0.00	187.74 2.05 0.00	54.05 0.62 0.00	62.77 0.69 0.00	54.56 0.59 0.00	49.63 0.56 0.00	51.91 0.67 0.00	72.79 0.93 0.00	76.73 1.06 0.00	82.93 1.10 -0.56	78.16 1.03 -0.12	81.47 1.09 0.00	148.08 2.15 0.00	109.67 1.34 0.00	137.64 1.52 0.00	64.72 0.74 0.00
DERFIELD_115KV_TB7 355931	35.36 0.00 0.00	36.47 0.00 0.00	40.95 0.00 0.00	37.20 0.00 0.00	41.12 0.00 0.00	44.08 -0.05 0.00	66.51 -0.06 0.00	139.51 -0.14 0.00	164.49 -0.17 0.00	185.51 -0.18 0.00	53.45 0.02 0.00	62.15 0.06 0.00	54.05 0.08 0.00	49.14 0.07 0.00	51.27 0.04 0.00	71.93 0.08 0.00	75.81 0.15 0.00	81.40 0.12 0.00	77.11 0.11 0.00	80.46 0.08 0.00	146.06 0.13 0.00	108.31 -0.02 0.00	135.98 -0.14 0.00	72.65 -0.02 -8.69
DOGLEVILLE___HYD 23807	35.43 0.07 0.00	36.35 -0.12 0.00	40.66 -0.29 0.00	36.86 -0.34 0.00	40.89 -0.23 0.00	43.87 -0.26 0.00	66.43 -0.15 0.00	139.03 -0.61 0.00	164.00 -0.67 0.00	184.99 -0.70 0.00	53.10 -0.32 0.00	62.06 -0.02 0.00	54.17 0.20 0.00	49.19 0.12 0.00	51.28 0.05 0.00	72.53 0.67 0.00	76.74 1.08 0.00	82.39 1.11 0.00	77.99 0.98 0.00	81.18 0.80 0.00	147.35 1.42 0.00	108.63 0.30 0.00	135.97 -0.15 0.00	72.42 -0.25 -8.69
DUNKIRK___115KV_TB_200 55889	30.07 -2.80 2.50	33.30 -2.82 0.36	37.83 -3.12 0.00	34.85 -2.35 0.00	38.77 -2.35 0.00	41.35 -2.78 0.00	50.98 -4.05 11.55	115.34 -7.58 16.73	154.76 -9.33 0.57	170.65 -9.98 5.07	35.58 -3.69 14.16	42.39 -4.45 15.24	36.01 -4.39 13.58	31.56 -4.12 13.39	30.55 -4.25 16.43	45.13 -6.66 20.07	39.72 -6.88 29.07	32.85 -6.96 41.46	38.82 -5.86 32.33	47.74 -5.26 27.38	128.86 -7.91 9.16	103.09 -5.23 0.00	130.62 -5.50 0.00	60.87 -3.11 0.00
DUNKIRK___1 23563	30.07 -2.80 2.50	33.30 -2.82 0.36	37.83 -3.12 0.00	34.85 -2.35 0.00	38.77 -2.35 0.00	41.35 -2.78 0.00	50.98 -4.05 11.55	115.34 -7.58 16.73	154.76 -9.33 0.57	170.65 -9.98 5.07	35.58 -3.69 14.16	42.39 -4.45 15.24	36.01 -4.39 13.58	31.56 -4.12 13.39	30.55 -4.25 16.43	45.13 -6.66 20.07	39.72 -6.88 29.07	32.85 -6.96 41.46	38.82 -5.86 32.33	47.74 -5.26 27.38	128.86 -7.91 9.16	103.09 -5.23 0.00	130.62 -5.50 0.00	60.87 -3.11 0.00
DUNKIRK___2 23564	30.07 -2.80 2.50	33.30 -2.82 0.36	37.83 -3.12 0.00	34.85 -2.35 0.00	38.77 -2.35 0.00	41.35 -2.78 0.00	50.98 -4.05 11.55	115.34 -7.58 16.73	154.76 -9.33 0.57	170.65 -9.98 5.07	35.58 -3.69 14.16	42.39 -4.45 15.24	36.01 -4.39 13.58	31.56 -4.12 13.39	30.55 -4.25 16.43	45.13 -6.66 20.07	39.72 -6.88 29.07	32.85 -6.96 41.46	38.82 -5.86 32.33	47.74 -5.26 27.38	128.86 -7.91 9.16	103.09 -5.23 0.00	130.62 -5.50 0.00	60.87 -3.11 0.00
DUNKIRK___3 23565	29.95 -2.71 2.70	33.34 -2.74 0.38	37.88 -3.07 0.00	34.86 -2.34 0.00	38.76 -2.36 0.00	41.33 -2.81 0.00	49.89 -4.19 12.50	113.47 -8.08 18.10	154.17 -9.90 0.59	169.74 -10.75 5.20	34.40 -3.81 15.22	41.03 -4.57 16.49	34.82 -4.47 14.69	30.41 -4.17 14.49	29.15 -4.29 17.78	43.48 -6.66 21.72	38.42 -6.88 30.36	31.97 -7.04 42.26	37.46 -6.02 33.52	45.90 -5.55 28.94	127.22 -8.79 9.92	102.44 -5.89 0.00	129.87 -6.24 0.00	60.57 -3.41 0.00
DUNKIRK___4 23566	29.95 -2.71 2.70	33.34 -2.74 0.38	37.88 -3.07 0.00	34.86 -2.34 0.00	38.76 -2.36 0.00	41.33 -2.81 0.00	49.89 -4.19 12.50	113.47 -8.08 18.10	154.17 -9.90 0.59	169.74 -10.75 5.20	34.40 -3.81 15.22	41.03 -4.57 16.49	34.82 -4.47 14.69	30.41 -4.17 14.49	29.15 -4.29 17.78	43.48 -6.66 21.72	38.42 -6.88 30.36	31.97 -7.04 42.26	37.46 -6.02 33.52	45.90 -5.55 28.94	127.22 -8.79 9.92	102.44 -5.89 0.00	129.87 -6.24 0.00	60.57 -3.41 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	36.54 1.18 0.00	37.55 1.08 0.00	42.22 1.27 0.00	38.36 1.16 0.00	42.31 1.18 0.00	45.61 1.48 0.00	68.74 2.16 0.00	144.27 4.62 0.00	169.99 5.32 0.00	192.38 6.69 0.00	55.79 2.34 -0.03	65.03 2.83 -0.12	56.57 2.60 0.00	51.55 2.47 0.00	53.94 2.71 0.00	75.48 3.63 0.00	79.47 3.80 0.00	85.31 4.03 0.00	80.54 3.53 0.00	83.88 3.51 0.00	151.77 5.84 0.00	111.92 3.59 0.00	139.23 3.11 0.00	65.57 1.58 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	36.26 0.90 0.00	37.32 0.85 0.00	42.03 1.08 0.00	38.19 0.99 0.00	42.14 1.02 0.00	45.38 1.25 0.00	68.51 1.94 0.00	143.80 4.15 0.00	169.41 4.75 0.00	191.66 5.97 0.00	55.42 1.99 0.00	64.49 2.40 0.00	56.18 2.21 0.00	51.15 2.07 0.00	53.52 2.29 0.00	74.90 3.04 0.00	78.85 3.19 0.00	84.72 3.45 0.00	80.07 3.07 0.00	83.45 3.08 0.00	151.10 5.17 0.00	111.44 3.11 0.00	138.95 2.84 0.00	65.35 1.37 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	36.76 1.40 0.00	37.75 1.28 0.00	42.43 1.48 0.00	38.54 1.34 0.00	42.47 1.35 0.00	45.83 1.70 0.00	69.05 2.48 0.00	144.94 5.29 0.00	170.75 6.09 0.00	192.89 7.20 0.00	56.01 2.53 -0.05	65.30 3.01 -0.20	56.77 2.80 0.00	51.73 2.66 0.00	54.09 2.86 0.00	75.71 3.86 0.00	79.66 3.99 0.00	85.49 4.22 0.00	80.67 3.66 0.00	84.07 3.69 0.00	151.99 6.06 0.00	112.01 3.69 0.00	139.14 3.02 0.00	65.75 1.77 0.00

E179THST_13_KV_LOAD 356214	36.89 1.53 0.00	37.88 1.41 0.00	42.57 1.62 0.00	38.66 1.46 0.00	42.61 1.48 0.00	45.98 1.85 0.00	69.31 2.73 0.00	145.57 5.92 0.00	171.47 6.81 0.00	193.73 8.04 0.00	56.24 2.76 -0.05	65.57 3.29 -0.20	57.01 3.03 0.00	51.96 2.88 0.00	54.33 3.10 0.00	76.07 4.21 0.00	80.01 4.34 0.00	85.88 4.61 0.00	81.04 4.03 0.00	84.50 4.12 0.00	152.71 6.78 0.00	112.53 4.20 0.00	139.78 3.67 0.00	66.04 2.06 0.00
EAST HAMPTON___GT 23717	37.81 2.45 0.00	38.62 2.14 0.00	43.36 2.41 0.00	39.38 2.18 0.00	43.54 2.42 0.00	47.16 3.03 0.00	70.43 3.85 0.00	147.43 7.78 0.00	172.80 8.14 0.00	196.70 11.01 0.00	57.99 4.54 -0.02	67.83 5.67 -0.08	58.56 4.59 0.00	53.44 4.37 0.00	56.07 4.83 0.00	78.08 6.23 0.00	82.62 6.95 0.00	88.18 6.90 0.00	83.00 5.99 0.00	85.95 5.57 0.00	157.23 11.30 0.00	117.82 9.49 0.00	143.89 7.78 0.00	67.28 3.30 0.00
EAST RIVER___6 23660	36.62 1.26 0.00	37.62 1.15 0.00	42.31 1.36 0.00	38.42 1.22 0.00	42.35 1.23 0.00	45.68 1.55 0.00	68.83 2.26 0.00	144.54 4.88 0.00	170.45 5.79 0.00	193.04 7.35 0.00	55.96 2.53 0.00	65.18 3.09 0.00	56.83 2.86 0.00	51.77 2.70 0.00	54.18 2.95 0.00	75.81 3.95 0.00	79.82 4.16 0.00	85.65 4.38 0.00	80.85 3.84 0.00	84.21 3.83 0.00	152.20 6.27 0.00	112.13 3.80 0.00	139.27 3.15 0.00	65.60 1.62 0.00
EAST RIVER___7 23524	36.62 1.26 0.00	37.62 1.15 0.00	42.31 1.36 0.00	38.42 1.22 0.00	42.35 1.23 0.00	45.68 1.55 0.00	68.83 2.26 0.00	144.54 4.88 0.00	170.45 5.79 0.00	193.04 7.35 0.00	55.96 2.53 0.00	65.18 3.09 0.00	56.83 2.86 0.00	51.77 2.70 0.00	54.18 2.95 0.00	75.81 3.95 0.00	79.82 4.16 0.00	85.65 4.38 0.00	80.85 3.84 0.00	84.21 3.83 0.00	152.20 6.27 0.00	112.13 3.80 0.00	139.27 3.15 0.00	65.60 1.62 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	36.46 1.10 0.00	37.46 0.99 0.00	42.13 1.18 0.00	38.27 1.07 0.00	42.22 1.09 0.00	45.49 1.36 0.00	68.59 2.02 0.00	144.00 4.35 0.00	169.63 4.97 0.00	191.92 6.22 0.00	55.62 2.19 0.00	64.75 2.67 0.00	56.42 2.45 0.00	51.42 2.34 0.00	53.80 2.56 0.00	75.28 3.42 0.00	79.27 3.61 0.00	85.09 3.82 0.00	80.35 3.35 0.00	83.70 3.33 0.00	151.44 5.51 0.00	111.67 3.34 0.00	138.98 2.87 0.00	65.44 1.46 0.00
EAST_HAMPTON___DIESEL 23722	37.82 2.46 0.00	38.62 2.15 0.00	43.36 2.41 0.00	39.39 2.19 0.00	43.54 2.42 0.00	47.16 3.03 0.00	70.43 3.85 0.00	147.44 7.78 0.00	172.80 8.14 0.00	196.70 11.01 0.00	58.00 4.55 -0.02	67.84 5.67 -0.08	58.56 4.59 0.00	53.46 4.39 0.00	56.07 4.84 0.00	78.09 6.23 0.00	82.63 6.96 0.00	88.19 6.91 0.00	83.02 6.01 0.00	85.98 5.60 0.00	157.27 11.34 0.00	117.85 9.52 0.00	143.93 7.81 0.00	67.29 3.31 0.00
EAST_POINT___SOLAR 323840	36.62 1.26 0.00	37.61 1.14 0.00	42.20 1.25 0.00	38.41 1.21 0.00	42.53 1.40 0.00	45.78 1.65 0.00	69.41 2.84 0.00	146.55 6.90 0.00	172.51 7.84 0.00	193.61 7.92 0.00	55.37 1.94 0.00	64.16 2.08 0.00	55.49 1.52 0.00	50.02 0.95 0.00	52.00 0.77 0.00	73.82 1.97 0.00	78.52 2.85 0.00	84.96 3.69 0.00	80.92 3.91 0.00	85.05 4.67 0.00	154.46 8.53 0.00	114.41 6.09 0.00	143.18 7.06 0.00	67.29 3.31 0.00
EAST_PULASKI___ESR 323781	34.12 -1.24 0.00	35.19 -1.29 0.00	39.76 -1.19 0.00	36.21 -0.99 0.00	39.93 -1.19 0.00	42.86 -1.27 0.00	65.15 -1.42 0.00	137.17 -2.48 0.00	161.39 -3.27 0.00	181.58 -4.11 0.00	51.84 -1.58 0.00	59.96 -2.12 0.00	51.72 -2.26 0.00	46.80 -2.28 0.00	49.08 -2.16 0.00	69.11 -2.74 0.00	72.91 -2.75 0.00	78.74 -2.54 0.00	75.68 -1.32 0.00	79.66 -0.72 0.00	145.47 -0.46 0.00	108.46 0.13 0.00	135.70 -0.42 0.00	108.04 -0.30 -44.36
EAST_RIVER___1 323558	36.68 1.32 0.00	37.68 1.21 0.00	42.36 1.41 0.00	38.47 1.27 0.00	42.42 1.29 0.00	45.75 1.62 0.00	68.90 2.32 0.00	144.75 5.10 0.00	170.56 5.90 0.00	193.03 7.34 0.00	55.97 2.54 0.00	65.18 3.10 0.00	56.82 2.85 0.00	51.77 2.70 0.00	54.18 2.95 0.00	75.79 3.94 0.00	79.82 4.16 0.00	85.65 4.38 0.00	80.86 3.85 0.00	84.21 3.83 0.00	152.22 6.29 0.00	112.21 3.88 0.00	139.41 3.29 0.00	65.68 1.70 0.00
EAST_RIVER___2 323559	36.62 1.26 0.00	37.62 1.15 0.00	42.31 1.36 0.00	38.42 1.22 0.00	42.35 1.23 0.00	45.68 1.55 0.00	68.83 2.26 0.00	144.54 4.88 0.00	170.45 5.79 0.00	193.04 7.35 0.00	55.96 2.53 0.00	65.18 3.09 0.00	56.83 2.86 0.00	51.77 2.70 0.00	54.18 2.95 0.00	75.81 3.95 0.00	79.82 4.16 0.00	85.65 4.38 0.00	80.85 3.84 0.00	84.21 3.83 0.00	152.20 6.27 0.00	112.13 3.80 0.00	139.27 3.15 0.00	65.60 1.62 0.00
EAST___DELAWARE_HYD 23607	36.40 1.03 0.00	37.48 1.01 0.00	42.24 1.29 0.00	38.36 1.16 0.00	42.36 1.23 0.00	45.65 1.52 0.00	69.01 2.43 0.00	144.99 5.34 0.00	170.83 6.17 0.00	193.19 7.49 0.00	55.81 2.38 0.00	64.96 2.87 0.00	56.57 2.59 0.00	51.42 2.34 0.00	53.91 2.68 0.00	75.36 3.51 0.00	79.35 3.68 0.00	85.43 4.16 0.00	80.82 3.81 0.00	84.27 3.89 0.00	152.59 6.66 0.00	112.50 4.17 0.00	140.30 4.19 0.00	65.98 2.00 0.00
EIGHT_POINT___WT_PWR 323820	38.99 -4.17 -7.80	33.31 -4.27 -1.11	36.09 -4.86 0.00	32.97 -4.23 0.00	36.78 -4.35 0.00	39.35 -4.78 0.00	96.09 -6.91 -36.43	177.81 -14.62 -52.78	149.27 -18.85 -3.46	181.96 -21.25 -17.53	92.82 -5.76 -45.16	103.03 -7.02 -47.97	90.34 -6.37 -42.74	85.69 -5.55 -42.16	97.58 -5.39 -51.73	126.97 -8.06 -63.18	98.71 -9.01 -32.07	60.35 -9.60 11.33	90.92 -8.36 -22.28	120.53 -8.14 -48.28	161.45 -13.35 -28.88	100.40 -7.93 0.00	129.83 -6.29 0.00	61.04 -2.94 0.00
ELBRIDGE_115KV_TB2 80188	34.80 -0.56 0.00	35.85 -0.62 0.00	40.23 -0.72 0.00	36.58 -0.62 0.00	40.42 -0.70 0.00	43.46 -0.67 0.00	65.86 -0.72 0.00	138.42 -1.23 0.00	163.02 -1.64 0.00	183.85 -1.85 0.00	52.75 -0.68 0.00	61.32 -0.76 0.00	53.15 -0.83 0.00	48.33 -0.74 0.00	50.52 -0.72 0.00	70.82 -1.04 0.00	74.76 -0.90 0.00	80.08 -0.88 0.31	76.21 -0.73 0.07	79.65 -0.73 0.00	144.87 -1.06 0.00	107.37 -0.96 0.00	134.89 -1.23 0.00	69.74 -0.65 -6.41
ELEC_TRO_TEK 24086	36.66 1.30 0.00	37.60 1.13 0.00	42.24 1.29 0.00	38.35 1.15 0.00	42.33 1.21 0.00	45.69 1.56 0.00	68.48 1.91 0.00	143.92 4.27 0.00	169.38 4.72 0.00	192.01 6.32 0.00	55.94 2.49 -0.02	65.13 2.96 -0.08	56.53 2.55 0.00	51.60 2.53 0.00	54.04 2.81 0.00	75.27 3.42 0.00	79.50 3.84 0.00	85.31 4.04 0.00	80.44 3.44 0.00	83.75 3.37 0.00	151.99 6.06 0.00	112.14 3.81 0.00	138.90 2.78 0.00	65.49 1.51 0.00
ELLENBURG_WT_PWR 323604	35.18 -0.18 0.00	36.39 -0.08 0.00	40.70 -0.25 0.00	36.63 -0.57 0.00	40.36 -0.77 0.00	43.43 -0.70 0.00	65.30 -1.27 0.00	137.05 -2.61 0.00	161.82 -2.84 0.00	182.38 -3.31 0.00	52.32 -1.11 0.00	60.63 -1.46 0.00	52.69 -1.28 0.00	47.77 -1.30 0.00	49.75 -1.49 0.00	69.99 -1.86 0.00	73.72 -1.95 0.00	79.16 -2.11 0.00	74.79 -2.22 0.00	78.02 -2.36 0.00	142.48 -3.46 0.00	107.02 -1.31 0.00	135.73 -0.39 0.00	57.14 0.06 6.90

ELM_ST_23_KV_LD_REV_LBMP_A 345012	29.71 -2.75 2.90	33.28 -2.78 0.41	37.89 -3.06 0.00	34.86 -2.34 0.00	38.78 -2.35 0.00	41.23 -2.90 0.00	48.51 -4.64 13.43	110.89 -9.31 19.44	152.73 -11.33 0.60	167.49 -12.89 5.31	33.01 -4.17 16.25	39.42 -4.96 17.72	33.32 -4.88 15.78	28.95 -4.55 15.57	27.38 -4.75 19.11	41.32 -7.20 23.33	37.33 -7.29 31.04	32.14 -7.53 41.61	36.57 -6.54 33.90	43.97 -6.33 30.07	124.22 -11.06 10.65	100.92 -7.41 0.00	128.10 -8.02 0.00	59.66 -4.32 0.00
EMPIRE_CC_1 323656	35.82 0.46 0.00	36.96 0.49 0.00	41.41 0.46 0.00	37.63 0.43 0.00	41.64 0.51 0.00	44.50 0.37 0.00	66.98 0.41 0.00	139.67 0.02 0.00	164.85 0.19 0.00	185.90 0.21 0.00	53.71 0.28 0.00	62.54 0.45 0.00	54.72 0.75 0.00	49.82 0.75 0.00	51.93 0.69 0.00	73.05 1.20 0.00	76.86 1.19 0.00	82.31 1.04 0.00	77.73 0.72 0.00	80.79 0.41 0.00	146.33 0.40 0.00	108.55 0.23 0.00	136.77 0.65 0.00	64.37 0.39 0.00
EMPIRE_CC_2 323658	35.82 0.46 0.00	36.96 0.49 0.00	41.41 0.46 0.00	37.63 0.43 0.00	41.64 0.51 0.00	44.50 0.37 0.00	66.98 0.41 0.00	139.67 0.02 0.00	164.85 0.19 0.00	185.90 0.21 0.00	53.71 0.28 0.00	62.54 0.45 0.00	54.72 0.75 0.00	49.82 0.75 0.00	51.93 0.69 0.00	73.05 1.20 0.00	76.86 1.19 0.00	82.31 1.04 0.00	77.73 0.72 0.00	80.79 0.41 0.00	146.33 0.40 0.00	108.55 0.23 0.00	136.77 0.65 0.00	64.37 0.39 0.00
ENORWICH_115KV_TB1 80156	35.23 -0.49 -0.36	36.19 -0.33 -0.05	40.14 -0.81 0.00	36.50 -0.70 0.00	40.59 -0.53 0.00	44.14 0.01 0.00	68.50 0.41 -1.52	144.88 3.02 -2.20	168.24 3.50 -0.07	188.66 2.32 -0.65	55.61 0.34 -1.84	64.34 0.27 -1.98	55.83 0.09 -1.77	50.75 -0.06 -1.74	53.63 0.25 -2.14	75.34 0.88 -2.61	92.77 1.31 -15.79	114.91 1.38 -32.25	98.76 1.86 -19.90	94.08 2.43 -11.27	153.55 6.42 -1.20	111.69 3.36 0.00	139.59 3.47 0.00	65.51 1.53 0.00
ERIE_ST__34_KV_TB1-2 80199	31.05 -1.93 2.39	34.18 -1.96 0.34	38.77 -2.18 0.00	35.66 -1.54 0.00	39.67 -1.46 0.00	42.24 -1.90 0.00	52.42 -3.13 11.03	117.59 -6.08 15.98	156.79 -7.34 0.53	173.03 -7.97 4.70	37.12 -2.83 13.47	44.11 -3.42 14.55	37.57 -3.43 12.97	33.05 -3.23 12.79	32.10 -3.44 15.70	47.26 -5.42 19.17	42.46 -5.39 27.82	36.07 -5.45 39.75	41.47 -4.58 30.96	49.85 -4.33 26.19	129.80 -7.37 8.75	103.62 -4.71 0.00	131.35 -4.77 0.00	61.19 -2.80 0.00
ERIE_WT_PWR 323693	30.04 -2.53 2.79	33.54 -2.56 0.38	30.60 -2.85 7.49	21.97 -2.15 13.08	20.64 -2.12 18.36	28.00 -2.62 13.51	49.98 -4.18 12.42	111.10 -8.27 20.28	147.85 -10.02 6.79	169.37 -11.24 5.08	27.63 -3.74 22.05	39.79 -4.46 17.84	23.78 -4.53 25.67	21.91 -4.14 23.02	24.06 -4.42 22.75	32.07 -6.66 33.13	21.55 -6.91 47.20	15.00 -6.99 59.28	15.20 -6.02 55.79	18.23 -5.56 56.59	113.68 -9.76 22.49	82.58 -6.41 19.34	95.89 -6.82 33.40	37.22 -3.68 23.08
ESPRGFLD_115KV_TB1 80157	35.79 0.43 0.00	36.81 0.34 0.00	41.34 0.39 0.00	37.65 0.45 0.00	41.59 0.47 0.00	44.77 0.64 0.00	67.69 1.11 0.00	142.81 3.16 0.00	168.23 3.57 0.00	189.46 3.77 0.00	54.40 0.98 0.00	62.97 0.88 0.00	54.52 0.55 0.00	49.48 0.41 0.00	51.71 0.48 0.00	72.59 0.74 0.00	76.76 1.09 0.00	82.74 1.47 0.00	78.61 1.60 0.00	82.44 2.06 0.00	150.05 4.13 0.00	111.24 2.92 0.00	139.49 3.37 0.00	65.70 1.72 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	35.82 -0.19 -0.65	36.35 -0.21 -0.09	40.61 -0.34 0.00	36.91 -0.29 0.00	40.86 -0.26 0.00	43.97 -0.16 0.00	69.54 0.14 -2.83	144.71 0.95 -4.11	165.71 0.91 -0.14	187.98 1.05 -1.24	56.91 0.07 -3.41	65.67 -0.08 -3.67	56.97 -0.27 -3.27	52.01 -0.29 -3.22	55.11 -0.08 -3.95	76.69 0.01 -4.83	114.84 0.22 -38.96	162.53 0.33 -80.93	127.00 0.56 -49.43	108.23 0.72 -27.12	149.96 1.80 -2.23	109.36 1.03 0.00	137.37 1.25 0.00	64.45 0.47 0.00
ETNA_____115KV_TB2 80207	35.82 -0.19 -0.65	36.35 -0.21 -0.09	40.61 -0.34 0.00	36.91 -0.29 0.00	40.86 -0.26 0.00	43.97 -0.16 0.00	69.54 0.14 -2.83	144.71 0.95 -4.11	165.71 0.91 -0.14	187.98 1.05 -1.24	56.91 0.07 -3.41	65.67 -0.08 -3.67	56.97 -0.27 -3.27	52.01 -0.29 -3.22	55.11 -0.08 -3.95	76.69 0.01 -4.83	114.84 0.22 -38.96	162.53 0.33 -80.93	127.00 0.56 -49.43	108.23 0.72 -27.12	149.96 1.80 -2.23	109.36 1.03 0.00	137.37 1.25 0.00	64.45 0.47 0.00
EUCLID___115KV_TB2 356179	34.76 -0.60 0.00	35.80 -0.67 0.00	40.18 -0.77 0.00	36.52 -0.68 0.00	40.41 -0.71 0.00	43.39 -0.74 0.00	65.62 -0.96 0.00	137.88 -1.77 0.00	162.57 -2.09 0.00	183.40 -2.29 0.00	52.68 -0.75 0.00	61.20 -0.89 0.00	53.07 -0.90 0.00	48.24 -0.83 0.00	50.48 -0.75 0.00	70.74 -1.11 0.00	74.56 -1.11 0.00	80.17 -1.11 0.00	76.10 -0.91 0.00	79.48 -0.89 0.00	144.35 -1.58 0.00	107.04 -1.29 0.00	134.45 -1.66 0.00	70.10 -0.89 -7.00
E_CANADA_CAP_HY 24051	36.11 0.75 0.00	37.05 0.58 0.00	41.59 0.64 0.00	37.90 0.70 0.00	41.91 0.79 0.00	45.10 0.97 0.00	68.15 1.57 0.00	143.75 4.10 0.00	169.31 4.65 0.00	190.18 4.49 0.00	54.57 1.14 0.00	63.12 1.03 0.00	54.63 0.66 0.00	49.49 0.42 0.00	51.57 0.33 0.00	72.63 0.78 0.00	76.94 1.28 0.00	83.17 1.90 0.00	79.07 2.06 0.00	82.98 2.60 0.00	150.82 4.89 0.00	111.93 3.60 0.00	140.30 4.19 0.00	66.08 2.10 0.00
E_CANADA_MHWK_HY 24050	35.43 0.07 0.00	36.35 -0.12 0.00	40.65 -0.30 0.00	36.86 -0.34 0.00	40.89 -0.23 0.00	43.88 -0.26 0.00	66.43 -0.15 0.00	139.04 -0.61 0.00	164.00 -0.66 0.00	184.99 -0.70 0.00	53.11 -0.32 0.00	62.06 -0.03 0.00	54.18 0.20 0.00	49.19 0.12 0.00	51.28 0.05 0.00	72.52 0.67 0.00	76.74 1.08 0.00	82.39 1.11 0.00	77.99 0.98 0.00	81.18 0.80 0.00	147.36 1.43 0.00	108.63 0.31 0.00	135.97 -0.15 0.00	72.42 -0.25 -8.69
E_FISHKILL___LBMP 23776	36.17 0.81 0.00	37.19 0.72 0.00	41.85 0.90 0.00	38.02 0.82 0.00	41.96 0.84 0.00	45.17 1.04 0.00	68.11 1.54 0.00	142.91 3.26 0.00	168.40 3.74 0.00	190.42 4.73 0.00	55.14 1.71 0.00	64.18 2.09 0.00	55.93 1.96 0.00	50.97 1.90 0.00	53.32 2.09 0.00	74.67 2.81 0.00	78.59 2.93 0.00	84.39 3.11 0.00	79.70 2.70 0.00	83.01 2.64 0.00	150.26 4.33 0.00	110.83 2.50 0.00	138.18 2.06 0.00	65.02 1.04 0.00
FALCON___SEABRD_CC1 323796	35.56 0.20 0.00	36.78 0.31 0.00	41.14 0.19 0.00	37.03 -0.17 0.00	40.83 -0.29 0.00	43.93 -0.20 0.00	66.08 -0.49 0.00	138.55 -1.11 0.00	163.70 -0.96 0.00	184.69 -1.01 0.00	53.03 -0.40 0.00	61.47 -0.62 0.00	53.36 -0.61 0.00	48.36 -0.71 0.00	50.29 -0.95 0.00	70.73 -1.13 0.00	74.41 -1.25 0.00	79.72 -1.55 0.00	74.81 -2.20 0.00	77.89 -2.48 0.00	142.39 -3.54 0.00	107.19 -1.14 0.00	136.95 0.84 0.00	64.80 0.81 0.00
FALCON___SEABRD_CC2 323797	35.56 0.20 0.00	36.78 0.31 0.00	41.14 0.19 0.00	37.03 -0.17 0.00	40.83 -0.29 0.00	43.93 -0.20 0.00	66.08 -0.49 0.00	138.55 -1.11 0.00	163.70 -0.96 0.00	184.69 -1.01 0.00	53.03 -0.40 0.00	61.47 -0.62 0.00	53.36 -0.61 0.00	48.36 -0.71 0.00	50.29 -0.95 0.00	70.73 -1.13 0.00	74.41 -1.25 0.00	79.72 -1.55 0.00	74.81 -2.20 0.00	77.89 -2.48 0.00	142.39 -3.54 0.00	107.19 -1.14 0.00	136.95 0.84 0.00	64.80 0.81 0.00

FAR ROCKAWAY___4 23548	37.07 1.70 0.00	38.00 1.52 0.00	42.68 1.73 0.00	38.76 1.56 0.00	42.78 1.66 0.00	46.20 2.07 0.00	69.29 2.72 0.00	145.61 5.96 0.00	171.50 6.85 0.00	194.39 8.70 0.00	56.64 3.19 -0.02	65.95 3.79 -0.08	57.21 3.24 0.00	52.25 3.18 0.00	54.73 3.50 0.00	76.27 4.42 0.00	80.56 4.90 0.00	86.49 5.22 0.00	81.60 4.59 0.00	84.98 4.60 0.00	154.15 8.22 0.00	113.72 5.39 0.00	140.87 4.76 0.00	66.39 2.41 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	36.71 1.35 0.00	37.73 1.25 0.00	42.39 1.44 0.00	38.51 1.31 0.00	42.46 1.33 0.00	45.78 1.65 0.00	68.97 2.39 0.00	144.89 5.24 0.00	170.72 6.06 0.00	193.21 7.52 0.00	56.02 2.60 0.00	65.24 3.16 0.00	56.85 2.88 0.00	51.82 2.75 0.00	54.22 2.99 0.00	75.86 4.00 0.00	79.89 4.22 0.00	85.71 4.44 0.00	80.92 3.91 0.00	84.29 3.91 0.00	152.37 6.44 0.00	112.31 3.99 0.00	139.57 3.45 0.00	65.77 1.79 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	36.73 1.37 0.00	37.73 1.25 0.00	42.40 1.45 0.00	38.52 1.32 0.00	42.47 1.35 0.00	45.80 1.67 0.00	69.01 2.43 0.00	144.93 5.28 0.00	170.79 6.13 0.00	193.22 7.53 0.00	56.03 2.60 0.00	65.25 3.17 0.00	56.86 2.89 0.00	51.83 2.76 0.00	54.23 3.00 0.00	75.88 4.03 0.00	79.90 4.23 0.00	85.72 4.45 0.00	80.94 3.94 0.00	84.33 3.95 0.00	152.47 6.54 0.00	112.35 4.02 0.00	139.65 3.53 0.00	65.79 1.81 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	36.71 1.34 0.00	37.70 1.23 0.00	42.37 1.43 0.00	38.49 1.29 0.00	42.45 1.32 0.00	45.76 1.63 0.00	68.95 2.38 0.00	144.80 5.15 0.00	170.65 5.99 0.00	193.13 7.43 0.00	55.99 2.57 0.00	65.20 3.11 0.00	56.82 2.84 0.00	51.79 2.72 0.00	54.19 2.95 0.00	75.82 3.97 0.00	79.83 4.17 0.00	85.65 4.37 0.00	80.87 3.86 0.00	84.23 3.85 0.00	152.31 6.38 0.00	112.24 3.91 0.00	139.51 3.39 0.00	65.72 1.74 0.00
FARRAGUT___LBMP 323566	36.68 1.31 0.00	37.68 1.21 0.00	42.35 1.40 0.00	38.47 1.27 0.00	42.41 1.29 0.00	45.74 1.61 0.00	68.90 2.32 0.00	144.73 5.08 0.00	170.49 5.83 0.00	192.94 7.25 0.00	55.94 2.51 0.00	65.14 3.05 0.00	56.77 2.79 0.00	51.74 2.67 0.00	54.13 2.90 0.00	75.75 3.89 0.00	79.76 4.09 0.00	85.58 4.31 0.00	80.80 3.79 0.00	84.17 3.80 0.00	152.18 6.25 0.00	112.13 3.80 0.00	139.39 3.27 0.00	65.68 1.70 0.00
FENNER___WINDPWR 24204	35.38 0.02 0.00	36.51 0.03 0.00	41.03 0.08 0.00	37.35 0.14 0.00	41.27 0.14 0.00	44.28 0.15 0.00	67.18 0.60 0.00	141.26 1.61 0.00	166.37 1.71 0.00	187.57 1.87 0.00	53.92 0.49 0.00	62.50 0.41 0.00	54.15 0.18 0.00	49.09 0.02 0.00	51.38 0.15 0.00	72.30 0.45 0.00	82.94 0.58 -6.69	97.12 0.75 -15.09	86.75 0.98 -8.77	85.96 1.29 -4.28	148.53 2.59 0.00	109.85 1.52 0.00	137.95 1.83 0.00	77.58 0.77 -12.83
FIBERTEK___ENERGY 23856	34.99 -0.37 0.00	36.04 -0.43 0.00	40.43 -0.51 0.00	36.76 -0.44 0.00	40.66 -0.47 0.00	43.70 -0.43 0.00	66.28 -0.30 0.00	139.39 -0.27 0.00	164.20 -0.46 0.00	185.28 -0.41 0.00	53.17 -0.26 0.00	61.78 -0.30 0.00	53.54 -0.43 0.00	48.68 -0.40 0.00	50.93 -0.30 0.00	71.40 -0.46 0.00	75.33 -0.34 0.00	81.02 -0.25 0.00	76.92 -0.09 0.00	80.33 -0.05 0.00	145.96 0.03 0.00	108.21 -0.12 0.00	135.87 -0.24 0.00	71.03 -0.22 -7.26
FITZPATRICK___ 23598	34.35 -1.02 0.00	35.37 -1.10 0.00	39.69 -1.26 0.00	36.09 -1.11 0.00	39.92 -1.21 0.00	42.82 -1.31 0.00	64.72 -1.85 0.00	135.94 -3.71 0.00	160.32 -4.34 0.00	180.71 -4.98 0.00	51.92 -1.51 0.00	60.33 -1.76 0.00	52.35 -1.62 0.00	47.59 -1.48 0.00	49.73 -1.50 0.00	69.71 -2.15 0.00	73.47 -2.19 0.00	78.99 -2.29 0.00	74.95 -2.06 0.00	78.27 -2.10 0.00	142.11 -3.82 0.00	105.46 -2.86 0.00	132.62 -3.50 0.00	62.27 -1.71 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	36.54 1.18 0.00	37.58 1.10 0.00	42.30 1.36 0.00	38.42 1.22 0.00	42.41 1.28 0.00	45.67 1.54 0.00	68.97 2.40 0.00	144.85 5.20 0.00	170.63 5.97 0.00	193.01 7.32 0.00	55.85 2.42 0.00	65.02 2.94 0.00	56.65 2.68 0.00	51.61 2.54 0.00	54.03 2.80 0.00	75.64 3.79 0.00	79.66 4.00 0.00	85.58 4.31 0.00	80.90 3.89 0.00	84.31 3.93 0.00	152.59 6.66 0.00	112.49 4.17 0.00	140.21 4.10 0.00	65.91 1.93 0.00
FORT ORANGE___ 23900	36.28 0.92 0.00	37.42 0.95 0.00	42.00 1.05 0.00	38.14 0.94 0.00	42.19 1.07 0.00	45.21 1.08 0.00	68.23 1.65 0.00	142.81 3.16 0.00	168.44 3.78 0.00	189.96 4.27 0.00	54.80 1.38 0.00	63.83 1.75 0.00	55.71 1.74 0.00	50.72 1.64 0.00	52.92 1.69 0.00	74.38 2.52 0.00	78.27 2.61 0.00	84.07 2.80 0.00	79.54 2.53 0.00	82.78 2.40 0.00	150.02 4.09 0.00	111.12 2.79 0.00	139.55 3.44 0.00	65.53 1.55 0.00
FORT_DRUM_COGEN 23780	33.88 -1.49 0.00	35.08 -1.40 0.00	40.04 -0.91 0.00	36.57 -0.63 0.00	40.08 -1.05 0.00	42.92 -1.22 0.00	65.48 -1.09 0.00	138.10 -1.55 0.00	162.09 -2.57 0.00	181.66 -4.03 0.00	51.49 -1.94 0.00	59.23 -2.85 0.00	50.65 -3.33 0.00	45.50 -3.57 0.00	47.97 -3.27 0.00	67.97 -3.88 0.00	71.94 -3.73 0.00	77.79 -3.48 0.00	75.79 -1.21 0.00	80.54 0.16 0.00	148.28 2.35 0.00	111.49 3.16 0.00	139.10 2.98 0.00	162.12 1.31 -96.83
FOX_HILLS___ESR 323835	36.82 1.46 0.00	37.83 1.36 0.00	42.53 1.58 0.00	38.62 1.42 0.00	42.57 1.45 0.00	45.92 1.78 0.00	69.14 2.57 0.00	145.10 5.45 0.00	170.67 6.01 0.00	192.78 7.09 0.00	55.31 2.39 0.50	63.04 2.80 1.85	56.67 2.69 0.00	51.68 2.61 0.00	54.01 2.77 0.00	75.55 3.69 0.00	79.47 3.81 0.00	85.20 3.92 0.00	80.46 3.45 0.00	83.81 3.43 0.00	151.58 5.65 0.00	111.68 3.36 0.01	138.81 2.69 0.00	63.82 1.75 1.92
FPL_FAR_ROCK_GT1 24212	37.07 1.71 0.00	37.99 1.52 0.00	42.68 1.73 0.00	38.76 1.56 0.00	42.78 1.66 0.00	46.21 2.08 0.00	69.29 2.71 0.00	145.60 5.95 0.00	171.51 6.85 0.00	194.38 8.69 0.00	56.63 3.18 -0.02	65.95 3.79 -0.08	57.22 3.25 0.00	52.25 3.18 0.00	54.76 3.52 0.00	76.26 4.40 0.00	80.58 4.92 0.00	86.51 5.24 0.00	81.61 4.60 0.00	84.97 4.59 0.00	154.16 8.23 0.00	113.74 5.41 0.00	140.91 4.79 0.00	66.40 2.42 0.00
FPL_FAR_ROCK_GT2 23815	37.07 1.71 0.00	37.99 1.52 0.00	42.68 1.73 0.00	38.76 1.56 0.00	42.78 1.66 0.00	46.21 2.08 0.00	69.29 2.71 0.00	145.60 5.95 0.00	171.51 6.85 0.00	194.38 8.69 0.00	56.63 3.18 -0.02	65.95 3.79 -0.08	57.22 3.25 0.00	52.25 3.18 0.00	54.76 3.52 0.00	76.26 4.40 0.00	80.58 4.92 0.00	86.51 5.24 0.00	81.61 4.60 0.00	84.97 4.59 0.00	154.16 8.23 0.00	113.74 5.41 0.00	140.91 4.79 0.00	66.40 2.42 0.00
FRANKLIN_FALL_HYD 24054	35.41 0.05 0.00	36.62 0.15 0.00	40.96 0.01 0.00	36.97 -0.23 0.00	40.75 -0.37 0.00	43.95 -0.18 0.00	66.01 -0.57 0.00	139.22 -0.43 0.00	164.42 -0.24 0.00	185.11 -0.58 0.00	52.97 -0.46 0.00	61.32 -0.77 0.00	53.16 -0.81 0.00	48.14 -0.94 0.00	50.11 -1.12 0.00	70.63 -1.23 0.00	74.44 -1.22 0.00	80.10 -1.17 0.00	75.85 -1.16 0.00	79.39 -0.98 0.00	144.82 -1.11 0.00	108.88 0.55 0.00	137.99 1.88 0.00	177.85 1.24 -112.63

FREEPORT_EQUS_GT1 23764	36.89 1.53 0.00	37.79 1.32 0.00	42.43 1.48 0.00	38.52 1.32 0.00	42.52 1.40 0.00	45.92 1.79 0.00	68.52 1.94 0.00	144.49 4.84 0.00	169.68 5.02 0.00	192.59 6.90 0.00	56.18 2.74 -0.02	65.41 3.24 -0.08	56.76 2.79 0.00	51.80 2.72 0.00	54.29 3.05 0.00	75.04 3.19 0.00	79.38 3.71 0.00	85.46 4.19 0.00	80.57 3.56 0.00	83.86 3.48 0.00	152.77 6.84 0.00	112.73 4.41 0.00	139.34 3.22 0.00	65.59 1.60 0.00
FREEPORT___CT2 23818	36.89 1.53 0.00	37.79 1.32 0.00	42.43 1.48 0.00	38.52 1.32 0.00	42.52 1.40 0.00	45.92 1.79 0.00	68.52 1.94 0.00	144.49 4.84 0.00	169.68 5.02 0.00	192.59 6.90 0.00	56.18 2.74 -0.02	65.41 3.24 -0.08	56.76 2.79 0.00	51.80 2.72 0.00	54.29 3.05 0.00	75.04 3.19 0.00	79.38 3.71 0.00	85.46 4.19 0.00	80.57 3.56 0.00	83.86 3.48 0.00	152.77 6.84 0.00	112.73 4.41 0.00	139.34 3.22 0.00	65.59 1.60 0.00
FRESHKLS_33_KV_LOAD 356253	36.87 1.52 0.00	37.88 1.41 0.00	42.59 1.64 0.00	38.69 1.49 0.00	42.65 1.52 0.00	45.98 1.85 0.00	69.24 2.66 0.00	145.33 5.68 0.00	170.77 6.11 0.00	192.78 7.09 0.00	55.42 2.45 0.46	63.20 2.80 1.69	56.62 2.65 0.00	51.69 2.62 0.00	53.98 2.75 0.00	75.52 3.66 0.00	79.41 3.75 0.00	85.16 3.88 0.00	80.43 3.42 0.00	83.81 3.43 0.00	151.61 5.68 0.00	111.68 3.36 0.01	138.81 2.69 0.00	63.86 1.79 1.92
FULTON COGEN___ 23766	34.14 -1.22 0.00	35.14 -1.33 0.00	39.47 -1.48 0.00	35.89 -1.31 0.00	39.72 -1.41 0.00	42.64 -1.49 0.00	64.58 -2.00 0.00	135.85 -3.80 0.00	160.16 -4.50 0.00	180.64 -5.05 0.00	51.82 -1.61 0.00	60.15 -1.93 0.00	52.14 -1.83 0.00	47.35 -1.72 0.00	49.57 -1.66 0.00	69.53 -2.32 0.00	73.29 -2.38 0.00	78.86 -2.41 0.00	75.05 -1.96 0.00	78.46 -1.92 0.00	142.52 -3.41 0.00	105.70 -2.63 0.00	132.57 -3.55 0.00	78.36 -1.78 -16.16
FULTON___LFGE 323630	36.51 1.15 0.00	37.52 1.05 0.00	42.09 1.15 0.00	38.31 1.11 0.00	42.39 1.27 0.00	45.61 1.47 0.00	69.03 2.46 0.00	145.55 5.89 0.00	171.45 6.79 0.00	192.53 6.84 0.00	55.15 1.72 0.00	63.90 1.81 0.00	55.37 1.40 0.00	50.04 0.97 0.00	52.11 0.88 0.00	73.69 1.83 0.00	78.15 2.49 0.00	84.45 3.18 0.00	80.31 3.31 0.00	84.23 3.85 0.00	152.94 7.00 0.00	113.27 4.94 0.00	141.89 5.77 0.00	66.67 2.68 0.00
G.F.CEMENT___DRP 24184	36.99 1.63 0.00	38.06 1.59 0.00	42.69 1.74 0.00	38.67 1.47 0.00	42.95 1.83 0.00	46.13 2.00 0.00	69.65 3.07 0.00	145.69 6.04 0.00	171.91 7.25 0.00	193.53 7.84 0.00	55.74 2.31 0.00	65.03 2.94 0.00	56.88 2.91 0.00	51.74 2.67 0.00	53.88 2.65 0.00	76.01 4.16 0.00	80.17 4.50 0.00	86.46 5.18 0.00	81.87 4.87 0.00	84.96 4.59 0.00	153.81 7.87 0.00	113.25 4.93 0.00	141.80 5.68 0.00	66.16 2.18 0.00
GARDENVILLE___LBMP 24039	29.49 -2.69 3.18	33.28 -2.73 0.45	37.93 -3.02 0.00	34.89 -2.31 0.00	38.81 -2.31 0.00	41.30 -2.83 0.00	47.38 -4.50 14.69	109.42 -8.95 21.28	153.03 -10.98 0.65	167.61 -12.30 5.79	31.63 -4.03 17.77	37.88 -4.81 19.39	31.98 -4.72 17.27	27.63 -4.40 17.04	25.72 -4.61 20.91	39.30 -7.02 25.54	35.19 -7.13 33.35	29.94 -7.31 44.02	34.40 -6.35 36.26	41.78 -6.08 32.51	123.83 -10.44 11.66	101.38 -6.94 0.00	128.70 -7.42 0.00	59.97 -4.01 0.00
GARDNVLA_35_KV_LD 355827	30.39 -2.40 2.57	33.68 -2.42 0.36	38.26 -2.69 0.00	35.19 -2.01 0.00	39.15 -1.97 0.00	41.68 -2.45 0.00	50.75 -3.96 11.87	114.76 -7.70 17.19	154.72 -9.38 0.56	170.37 -10.37 4.95	35.48 -3.48 14.46	42.27 -4.16 15.66	35.87 -4.15 13.95	31.41 -3.90 13.77	30.24 -4.11 16.89	44.90 -6.33 20.63	40.30 -6.38 28.98	34.30 -6.49 40.48	39.39 -5.59 32.03	47.53 -5.27 27.57	127.52 -8.99 9.42	102.47 -5.86 0.00	130.00 -6.11 0.00	60.56 -3.43 0.00
GELCKHM___115KV_LOAD 80723	34.84 -0.52 0.00	35.89 -0.58 0.00	40.27 -0.68 0.00	36.61 -0.59 0.00	40.50 -0.62 0.00	43.49 -0.64 0.00	65.56 -1.02 0.00	137.75 -1.90 0.00	162.40 -2.26 0.00	183.19 -2.50 0.00	52.65 -0.78 0.00	61.15 -0.93 0.00	53.05 -0.93 0.00	48.20 -0.87 0.00	50.44 -0.79 0.00	70.68 -1.18 0.00	74.49 -1.17 0.00	80.10 -1.18 0.00	76.06 -0.95 0.00	79.41 -0.97 0.00	144.16 -1.77 0.00	106.93 -1.40 0.00	134.32 -1.80 0.00	69.67 -0.95 -6.64
GENERAL___MILLS 23808	30.18 -2.52 2.66	33.55 -2.55 0.38	38.13 -2.82 0.00	35.07 -2.13 0.00	39.02 -2.11 0.00	41.52 -2.61 0.00	50.06 -4.21 12.31	113.46 -8.36 17.82	153.93 -10.16 0.57	169.31 -11.30 5.08	34.70 -3.75 14.97	41.35 -4.50 16.24	35.08 -4.43 14.47	30.66 -4.14 14.27	29.35 -4.37 17.51	43.78 -6.68 21.39	39.24 -6.77 29.66	33.35 -6.90 41.03	38.36 -5.97 32.69	46.38 -5.66 28.33	126.45 -9.72 9.76	101.93 -6.40 0.00	129.34 -6.78 0.00	60.29 -3.69 0.00
GE_PLASTICS___DRP 24183	36.02 0.66 0.00	37.16 0.68 0.00	41.71 0.77 0.00	37.90 0.70 0.00	41.90 0.78 0.00	44.90 0.77 0.00	67.70 1.12 0.00	141.64 1.98 0.00	167.08 2.42 0.00	188.50 2.80 0.00	54.41 0.98 0.00	63.32 1.23 0.00	55.23 1.25 0.00	50.28 1.21 0.00	52.49 1.25 0.00	73.71 1.85 0.00	77.57 1.91 0.00	83.25 1.98 0.00	78.71 1.70 0.00	81.97 1.59 0.00	148.57 2.64 0.00	110.08 1.75 0.00	138.24 2.12 0.00	64.96 0.97 0.00
GILBOA___1 23756	35.65 0.29 0.00	36.93 0.46 0.00	41.50 0.55 0.00	37.69 0.49 0.00	41.65 0.52 0.00	44.48 0.35 0.00	67.02 0.44 0.00	140.21 0.56 0.00	165.39 0.73 0.00	186.64 0.95 0.00	53.81 0.39 0.00	62.58 0.50 0.00	54.51 0.54 0.00	49.67 0.60 0.00	51.80 0.56 0.00	72.64 0.78 0.00	76.51 0.84 0.00	81.97 0.69 0.00	77.48 0.47 0.00	80.72 0.34 0.00	146.75 0.82 0.00	108.85 0.52 0.00	136.85 0.73 0.00	64.40 0.42 0.00
GILBOA___2 23757	35.65 0.29 0.00	36.93 0.46 0.00	41.50 0.55 0.00	37.69 0.49 0.00	41.65 0.52 0.00	44.48 0.35 0.00	67.02 0.44 0.00	140.21 0.56 0.00	165.39 0.73 0.00	186.64 0.95 0.00	53.81 0.39 0.00	62.58 0.50 0.00	54.51 0.54 0.00	49.67 0.60 0.00	51.80 0.56 0.00	72.64 0.78 0.00	76.51 0.84 0.00	81.97 0.69 0.00	77.48 0.47 0.00	80.72 0.34 0.00	146.75 0.82 0.00	108.85 0.52 0.00	136.85 0.73 0.00	64.40 0.42 0.00
GILBOA___3 23758	35.65 0.29 0.00	36.93 0.46 0.00	41.50 0.55 0.00	37.69 0.49 0.00	41.65 0.52 0.00	44.48 0.35 0.00	67.02 0.44 0.00	140.21 0.56 0.00	165.39 0.73 0.00	186.64 0.95 0.00	53.81 0.39 0.00	62.58 0.50 0.00	54.51 0.54 0.00	49.67 0.60 0.00	51.80 0.56 0.00	72.64 0.78 0.00	76.51 0.84 0.00	81.97 0.69 0.00	77.48 0.47 0.00	80.72 0.34 0.00	146.75 0.82 0.00	108.85 0.52 0.00	136.85 0.73 0.00	64.40 0.42 0.00
GILBOA___4 23759	35.65 0.29 0.00	36.93 0.46 0.00	41.50 0.55 0.00	37.69 0.49 0.00	41.65 0.52 0.00	44.48 0.35 0.00	67.02 0.44 0.00	140.21 0.56 0.00	165.39 0.73 0.00	186.64 0.95 0.00	53.81 0.39 0.00	62.58 0.50 0.00	54.51 0.54 0.00	49.67 0.60 0.00	51.80 0.56 0.00	72.64 0.78 0.00	76.51 0.84 0.00	81.97 0.69 0.00	77.48 0.47 0.00	80.72 0.34 0.00	146.75 0.82 0.00	108.85 0.52 0.00	136.85 0.73 0.00	64.40 0.42 0.00

GILBOA____ 23599	35.65 0.29 0.00	36.93 0.46 0.00	41.50 0.55 0.00	37.69 0.49 0.00	41.65 0.53 0.00	44.48 0.35 0.00	67.02 0.45 0.00	140.23 0.58 0.00	165.39 0.72 0.00	186.62 0.93 0.00	53.82 0.39 0.00	62.59 0.50 0.00	54.50 0.52 0.00	49.67 0.60 0.00	51.79 0.56 0.00	72.63 0.78 0.00	76.50 0.83 0.00	81.96 0.69 0.00	77.48 0.47 0.00	80.72 0.34 0.00	146.71 0.78 0.00	108.85 0.52 0.00	136.84 0.72 0.00	64.40 0.42 0.00
GINNA____ 23603	32.74 -2.58 0.04	33.78 -2.70 0.00	35.63 -2.98 2.34	30.58 -2.53 4.09	32.74 -2.65 5.73	37.03 -2.88 4.22	62.42 -4.12 0.03	130.89 -8.00 0.77	153.16 -9.63 1.86	174.58 -11.11 0.00	47.82 -3.39 2.21	57.60 -3.98 0.50	46.67 -3.81 3.50	42.85 -3.49 2.73	46.02 -3.58 1.64	62.89 -5.30 3.67	60.33 -5.34 10.00	59.26 -5.35 16.66	58.94 -4.76 13.30	63.90 -4.76 11.72	133.01 -8.94 3.98	95.66 -6.63 6.04	117.41 -8.26 10.44	52.54 -4.23 7.21
GLEN PARK____ 23778	33.93 -1.43 0.00	35.11 -1.36 0.00	40.08 -0.87 0.00	36.59 -0.61 0.00	40.12 -1.01 0.00	42.99 -1.14 0.00	65.69 -0.89 0.00	138.53 -1.12 0.00	162.59 -2.07 0.00	182.18 -3.51 0.00	51.61 -1.81 0.00	59.33 -2.76 0.00	50.70 -3.27 0.00	45.50 -3.57 0.00	48.01 -3.23 0.00	68.04 -3.82 0.00	72.01 -3.66 0.00	77.91 -3.37 0.00	76.07 -0.94 0.00	80.85 0.47 0.00	148.81 2.88 0.00	111.82 3.49 0.00	139.44 3.32 0.00	158.56 1.43 -93.15
GLENDALE_27_KV_LOAD 356172	36.92 1.56 0.00	37.91 1.44 0.00	42.60 1.65 0.00	38.69 1.49 0.00	42.65 1.53 0.00	46.02 1.89 0.00	69.37 2.80 0.00	145.75 6.10 0.00	171.66 7.00 0.00	194.16 8.47 0.00	56.65 2.89 -0.33	66.75 3.43 -1.24	57.12 3.14 0.00	52.08 3.01 0.00	54.48 3.24 0.00	76.21 4.36 0.00	80.21 4.55 0.00	86.04 4.77 0.00	81.24 4.23 0.00	84.62 4.24 0.00	152.95 7.02 0.00	112.72 4.38 0.00	139.99 3.88 0.00	66.08 2.10 0.00
GLENWOOD_IC_1_G5 23712	36.75 1.39 0.00	37.71 1.24 0.00	42.37 1.42 0.00	38.47 1.27 0.00	42.47 1.34 0.00	45.81 1.68 0.00	68.84 2.26 0.00	144.58 4.93 0.00	170.28 5.62 0.00	192.91 7.22 0.00	56.13 2.68 -0.02	65.38 3.21 -0.08	56.80 2.83 0.00	51.80 2.72 0.00	54.08 2.85 0.00	75.24 3.38 0.00	79.63 3.97 0.00	85.70 4.43 0.00	80.86 3.85 0.00	84.22 3.84 0.00	152.64 6.71 0.00	112.61 4.28 0.00	139.70 3.58 0.00	65.80 1.82 0.00
GLENWOOD_IC_2_G1 23688	36.61 1.25 0.00	37.59 1.11 0.00	42.26 1.31 0.00	38.37 1.17 0.00	42.35 1.22 0.00	45.67 1.54 0.00	68.67 2.09 0.00	144.20 4.54 0.00	169.86 5.20 0.00	192.38 6.69 0.00	55.88 2.44 -0.02	65.09 2.92 -0.08	56.61 2.63 0.00	51.61 2.53 0.00	54.02 2.79 0.00	75.40 3.54 0.00	79.54 3.88 0.00	85.40 4.12 0.00	80.58 3.58 0.00	83.91 3.53 0.00	151.99 6.07 0.00	112.14 3.81 0.00	139.25 3.13 0.00	65.59 1.61 0.00
GLENWOOD_IC_3_G1 23689	36.61 1.25 0.00	37.59 1.11 0.00	42.26 1.31 0.00	38.37 1.17 0.00	42.35 1.22 0.00	45.67 1.54 0.00	68.67 2.09 0.00	144.20 4.54 0.00	169.86 5.20 0.00	192.38 6.69 0.00	55.88 2.44 -0.02	65.09 2.92 -0.08	56.61 2.63 0.00	51.61 2.53 0.00	54.02 2.79 0.00	75.40 3.54 0.00	79.54 3.88 0.00	85.40 4.12 0.00	80.58 3.58 0.00	83.91 3.53 0.00	151.99 6.07 0.00	112.14 3.81 0.00	139.25 3.13 0.00	65.59 1.61 0.00
GLENWOOD___4 23550	36.75 1.39 0.00	37.71 1.24 0.00	42.37 1.42 0.00	38.47 1.27 0.00	42.47 1.34 0.00	45.81 1.68 0.00	68.84 2.26 0.00	144.58 4.93 0.00	170.28 5.62 0.00	192.91 7.22 0.00	56.13 2.68 -0.02	65.38 3.21 -0.08	56.80 2.83 0.00	51.80 2.73 0.00	54.14 2.91 0.00	75.39 3.53 0.00	79.70 4.04 0.00	85.70 4.43 0.00	80.86 3.85 0.00	84.22 3.84 0.00	152.64 6.71 0.00	112.61 4.28 0.00	139.70 3.58 0.00	65.80 1.82 0.00
GLENWOOD___5 23614	36.75 1.39 0.00	37.71 1.24 0.00	42.37 1.42 0.00	38.47 1.27 0.00	42.47 1.34 0.00	45.81 1.68 0.00	68.84 2.26 0.00	144.58 4.93 0.00	170.28 5.62 0.00	192.91 7.22 0.00	56.13 2.68 -0.02	65.38 3.21 -0.08	56.80 2.83 0.00	51.80 2.73 0.00	54.14 2.91 0.00	75.39 3.53 0.00	79.70 4.04 0.00	85.70 4.43 0.00	80.86 3.85 0.00	84.22 3.84 0.00	152.64 6.71 0.00	112.61 4.28 0.00	139.70 3.58 0.00	65.80 1.82 0.00
GLOBAL GREEN_PORT_GT1 23814	37.77 2.41 0.00	38.58 2.11 0.00	43.33 2.38 0.00	39.36 2.15 0.00	43.50 2.38 0.00	47.11 2.98 0.00	70.36 3.78 0.00	147.30 7.65 0.00	172.77 8.11 0.00	196.65 10.96 0.00	57.96 4.52 -0.02	67.80 5.63 -0.08	58.56 4.58 0.00	53.40 4.32 0.00	56.02 4.79 0.00	78.01 6.16 0.00	82.55 6.89 0.00	88.09 6.82 0.00	82.95 5.95 0.00	85.87 5.49 0.00	157.05 11.12 0.00	117.68 9.35 0.00	143.70 7.58 0.00	67.22 3.24 0.00
GLOBE___DSASP 323697	29.69 -3.47 2.20	32.60 -3.56 0.31	37.15 -3.80 0.00	34.24 -2.96 0.00	38.12 -3.01 0.00	40.24 -3.90 0.00	50.41 -6.01 10.15	112.15 -12.80 14.70	148.54 -15.67 0.46	163.32 -18.32 4.06	35.76 -5.37 12.30	42.38 -6.31 13.39	35.79 -6.25 11.93	31.56 -5.75 11.77	30.82 -5.97 14.44	45.34 -8.87 17.64	41.76 -8.93 24.97	36.91 -9.27 35.09	41.15 -8.21 27.65	48.43 -8.25 23.70	122.44 -15.44 8.05	97.30 -11.03 0.00	123.59 -12.52 0.00	57.52 -6.46 0.00
GOETHSLN___LBMP 323567	36.55 1.19 0.00	37.55 1.08 0.00	42.19 1.24 0.00	38.34 1.14 0.00	42.25 1.13 0.00	45.56 1.43 0.00	68.60 2.02 0.00	144.08 4.43 0.01	168.07 5.07 1.66	189.76 6.37 2.31	52.68 2.27 3.02	57.89 2.79 6.99	53.37 2.56 3.17	51.51 2.47 0.03	53.34 2.69 0.59	75.44 3.60 0.01	-32.73 3.77 112.17	64.77 3.96 20.46	62.68 3.47 17.79	67.34 3.46 16.50	127.43 5.66 24.16	91.76 3.37 19.94	118.35 2.71 20.47	60.90 1.44 4.52
GOLAH___69_KV_TB 1_2 80279	34.14 -1.22 0.00	35.20 -1.27 0.00	39.56 -1.39 0.00	36.20 -1.00 0.00	40.20 -0.93 0.00	43.04 -1.09 0.00	65.10 -1.48 0.00	137.25 -2.40 0.00	161.57 -3.09 0.00	181.97 -3.72 0.00	52.04 -1.38 0.00	60.37 -1.72 0.00	52.02 -1.96 0.00	47.23 -1.84 0.00	49.38 -1.85 0.00	68.85 -3.01 0.00	67.19 -3.02 5.45	65.19 -2.91 13.17	67.49 -2.19 7.33	74.99 -1.90 3.49	142.46 -3.47 0.00	105.92 -2.41 0.00	133.40 -2.72 0.00	62.23 -1.76 0.00
GOODYEAR_LAKE_HYD 323669	35.68 0.32 0.00	36.80 0.33 0.00	41.34 0.39 0.00	37.60 0.40 0.00	41.55 0.43 0.00	44.66 0.52 0.00	67.55 0.98 0.00	142.16 2.50 0.00	167.53 2.87 0.00	189.02 3.34 0.00	54.37 0.95 0.00	63.09 1.01 0.00	54.75 0.78 0.00	49.76 0.69 0.00	52.07 0.83 0.00	73.03 1.18 0.00	77.07 1.40 0.00	83.31 1.57 -0.46	78.67 1.57 -0.10	82.14 1.76 0.00	149.41 3.48 0.00	110.64 2.31 0.00	138.80 2.68 0.00	65.27 1.28 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	34.85 -0.51 0.00	35.97 -0.50 0.00	40.30 -0.65 0.00	36.64 -0.56 0.00	40.54 -0.58 0.00	43.51 -0.62 0.00	65.90 -0.67 0.00	138.46 -1.19 0.00	163.04 -1.62 0.00	184.22 -1.47 0.00	52.83 -0.60 0.00	61.37 -0.72 0.00	53.22 -0.75 0.00	48.45 -0.63 0.00	50.76 -0.47 0.00	71.04 -0.81 0.00	69.75 -0.83 5.07	71.04 -0.94 9.29	70.03 -0.79 6.19	76.38 -0.75 3.25	145.16 -0.77 0.00	107.58 -0.75 0.00	135.36 -0.75 0.00	63.55 -0.44 0.00

GOWANUS_GT4_5 24134	36.84 1.48 0.00	37.84 1.36 0.00	42.52 1.57 0.00	38.62 1.41 0.00	42.57 1.45 0.00	45.92 1.79 0.00	69.17 2.59 0.00	145.33 5.68 0.00	171.00 6.34 0.00	193.25 7.56 0.00	55.78 2.63 0.28	64.14 3.07 1.02	56.81 2.83 0.00	51.83 2.76 0.00	54.17 2.93 0.00	75.80 3.94 0.00	79.73 4.07 0.00	85.51 4.24 0.00	80.72 3.72 0.00	84.09 3.71 0.00	152.09 6.16 0.00	112.04 3.72 0.00	139.21 3.10 0.00	65.86 1.87 0.00
GOWANUS_GT4_6 24135	36.84 1.48 0.00	37.84 1.36 0.00	42.52 1.57 0.00	38.62 1.41 0.00	42.57 1.45 0.00	45.92 1.79 0.00	69.17 2.59 0.00	145.33 5.68 0.00	171.00 6.34 0.00	193.25 7.56 0.00	55.78 2.63 0.28	64.14 3.07 1.02	56.81 2.83 0.00	51.83 2.76 0.00	54.17 2.93 0.00	75.80 3.94 0.00	79.73 4.07 0.00	85.51 4.24 0.00	80.72 3.72 0.00	84.09 3.71 0.00	152.09 6.16 0.00	112.04 3.72 0.00	139.21 3.10 0.00	65.86 1.87 0.00
GOWANUS_GT4_7 24136	36.84 1.48 0.00	37.84 1.36 0.00	42.52 1.57 0.00	38.62 1.41 0.00	42.57 1.45 0.00	45.92 1.79 0.00	69.17 2.59 0.00	145.33 5.68 0.00	171.00 6.34 0.00	193.25 7.56 0.00	55.78 2.63 0.28	64.14 3.07 1.02	56.81 2.83 0.00	51.83 2.76 0.00	54.17 2.93 0.00	75.80 3.94 0.00	79.73 4.07 0.00	85.51 4.24 0.00	80.72 3.72 0.00	84.09 3.71 0.00	152.09 6.16 0.00	112.04 3.72 0.00	139.21 3.10 0.00	65.86 1.87 0.00
GOWANUS_GT4_8 24137	36.84 1.48 0.00	37.84 1.36 0.00	42.52 1.57 0.00	38.62 1.41 0.00	42.57 1.45 0.00	45.92 1.79 0.00	69.17 2.59 0.00	145.33 5.68 0.00	171.00 6.34 0.00	193.25 7.56 0.00	55.78 2.63 0.28	64.14 3.07 1.02	56.81 2.83 0.00	51.83 2.76 0.00	54.17 2.93 0.00	75.80 3.94 0.00	79.73 4.07 0.00	85.51 4.24 0.00	80.72 3.72 0.00	84.09 3.71 0.00	152.09 6.16 0.00	112.04 3.72 0.00	139.21 3.10 0.00	65.86 1.87 0.00
GREATVRV_69_KV_BK1 356245	37.30 1.94 0.00	38.17 1.70 0.00	42.84 1.89 0.00	38.91 1.71 0.00	42.97 1.85 0.00	46.46 2.33 0.00	69.52 2.95 0.00	145.81 6.16 0.00	171.53 6.87 0.00	194.96 9.27 0.00	57.11 3.66 -0.02	66.61 4.44 -0.08	57.65 3.68 0.00	52.62 3.55 0.00	55.24 4.01 0.00	76.73 4.88 0.00	81.07 5.41 0.00	86.86 5.58 0.00	81.80 4.80 0.00	84.98 4.60 0.00	155.01 9.08 0.00	114.99 6.66 0.00	141.47 5.36 0.00	66.56 2.57 0.00
GREENBSH_115KV_TB3 55895	36.15 0.79 0.00	37.29 0.82 0.00	41.85 0.90 0.00	38.00 0.80 0.00	42.04 0.92 0.00	45.04 0.91 0.00	67.91 1.33 0.00	142.01 2.36 0.00	167.56 2.90 0.00	188.95 3.26 0.00	54.56 1.14 0.00	63.53 1.45 0.00	55.45 1.47 0.00	50.48 1.41 0.00	52.69 1.46 0.00	74.02 2.17 0.00	77.90 2.24 0.00	83.57 2.30 0.00	79.01 2.01 0.00	82.22 1.84 0.00	149.01 3.08 0.00	110.39 2.06 0.00	138.71 2.60 0.00	65.15 1.17 0.00
GREENDGE_115KV_TB5 80291	37.42 -1.30 -3.36	35.69 -1.26 -0.48	39.47 -1.48 0.00	35.95 -1.25 0.00	39.91 -1.22 0.00	42.86 -1.28 0.00	82.80 -1.56 -17.79	163.36 -2.08 -25.79	162.51 -2.97 -0.81	189.65 -3.19 -7.15	73.03 -1.86 -21.46	82.58 -2.86 -23.36	72.10 -2.68 -20.81	67.18 -2.43 -20.53	74.16 -2.27 -25.19	99.48 -3.13 -30.76	76.71 -3.27 -4.31	45.98 -3.36 31.94	70.01 -2.86 4.14	94.14 -2.60 -16.36	156.09 -3.92 -14.08	105.50 -2.83 0.00	133.21 -2.91 0.00	62.63 -1.35 0.00
GREENIDGE___3 23582	37.42 -1.30 -3.36	35.69 -1.26 -0.48	39.47 -1.48 0.00	35.95 -1.25 0.00	39.91 -1.22 0.00	42.86 -1.28 0.00	82.80 -1.56 -17.79	163.36 -2.08 -25.79	162.51 -2.97 -0.81	189.65 -3.19 -7.15	73.03 -1.86 -21.46	82.58 -2.86 -23.36	72.10 -2.68 -20.81	67.18 -2.43 -20.53	74.16 -2.27 -25.19	99.48 -3.13 -30.76	76.71 -3.27 -4.31	45.98 -3.36 31.94	70.01 -2.86 4.14	94.14 -2.60 -16.36	156.09 -3.92 -14.08	105.50 -2.83 0.00	133.21 -2.91 0.00	62.63 -1.35 0.00
GREENIDGE___4 23583	37.45 -1.30 -3.39	35.69 -1.27 -0.48	40.50 -1.48 -1.03	37.73 -1.26 -1.79	42.42 -1.22 -2.51	44.70 -1.28 -1.85	82.81 -1.57 -17.80	163.72 -2.06 -26.13	163.62 -2.95 -1.91	189.62 -3.22 -7.15	73.99 -1.87 -22.43	82.80 -2.86 -23.58	73.60 -2.71 -22.34	68.38 -2.43 -21.73	74.86 -2.28 -25.91	101.09 -3.14 -32.37	79.07 -3.31 -6.71	48.39 -3.44 29.44	73.13 -2.90 0.98	98.00 -2.61 -20.23	157.78 -3.98 -15.82	108.13 -2.84 -2.65	137.83 -2.86 -4.57	65.79 -1.35 -3.16
GREENLWN_69_KV_BK 3 55738	36.79 1.43 0.00	37.70 1.22 0.00	42.32 1.37 0.00	38.42 1.22 0.00	42.42 1.30 0.00	45.82 1.69 0.00	68.49 1.91 0.00	143.65 4.00 0.00	168.98 4.32 0.00	191.81 6.11 0.00	56.08 2.63 -0.02	65.27 3.11 -0.08	56.57 2.60 0.00	51.65 2.58 0.00	54.13 2.90 0.00	75.35 3.49 0.00	79.61 3.95 0.00	85.37 4.09 0.00	80.47 3.47 0.00	83.70 3.33 0.00	152.11 6.18 0.00	112.52 4.19 0.00	138.92 2.80 0.00	65.42 1.44 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	36.84 1.48 0.00	37.84 1.36 0.00	42.52 1.57 0.00	38.62 1.41 0.00	42.57 1.45 0.00	45.92 1.79 0.00	69.17 2.59 0.00	145.33 5.68 0.00	171.00 6.34 0.00	193.25 7.56 0.00	55.78 2.63 0.28	64.14 3.07 1.02	56.81 2.83 0.00	51.83 2.76 0.00	54.17 2.93 0.00	75.80 3.94 0.00	79.73 4.07 0.00	85.51 4.24 0.00	80.72 3.72 0.00	84.09 3.71 0.00	152.09 6.16 0.00	112.04 3.72 0.00	139.21 3.10 0.00	65.86 1.87 0.00
GRISSOM___SOLAR 323813	36.55 1.19 0.00	37.59 1.12 0.00	42.18 1.23 0.00	38.36 1.16 0.00	42.45 1.33 0.00	45.64 1.51 0.00	69.10 2.52 0.00	145.55 5.90 0.00	171.51 6.85 0.00	192.50 6.81 0.00	55.14 1.71 0.00	63.91 1.82 0.00	55.41 1.44 0.00	50.06 0.99 0.00	52.12 0.88 0.00	73.79 1.93 0.00	78.27 2.61 0.00	84.53 3.25 0.00	80.39 3.39 0.00	84.26 3.88 0.00	152.93 7.00 0.00	113.21 4.88 0.00	141.87 5.75 0.00	66.64 2.66 0.00
GROVEVILLE___HYD 323602	36.54 1.18 0.00	37.58 1.10 0.00	42.30 1.36 0.00	38.42 1.22 0.00	42.41 1.28 0.00	45.67 1.54 0.00	68.97 2.40 0.00	144.85 5.20 0.00	170.63 5.97 0.00	193.01 7.32 0.00	55.85 2.42 0.00	65.02 2.94 0.00	56.65 2.68 0.00	51.61 2.54 0.00	54.03 2.80 0.00	75.64 3.79 0.00	79.66 4.00 0.00	85.58 4.31 0.00	80.90 3.89 0.00	84.31 3.93 0.00	152.59 6.66 0.00	112.49 4.17 0.00	140.21 4.10 0.00	65.91 1.93 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	34.99 -0.37 0.00	36.04 -0.43 0.00	40.43 -0.51 0.00	36.76 -0.44 0.00	40.66 -0.47 0.00	43.70 -0.43 0.00	66.28 -0.30 0.00	139.39 -0.27 0.00	164.20 -0.46 0.00	185.28 -0.41 0.00	53.17 -0.26 0.00	61.78 -0.30 0.00	53.54 -0.43 0.00	48.68 -0.40 0.00	50.93 -0.30 0.00	71.40 -0.46 0.00	75.33 -0.34 0.00	81.02 -0.25 0.00	76.92 -0.09 0.00	80.33 -0.05 0.00	145.96 0.03 0.00	108.21 -0.12 0.00	135.87 -0.24 0.00	71.03 -0.22 -7.26
HAMLTNNY_34_KV_TB 80303	34.98 -0.38 0.00	36.04 -0.43 0.00	40.44 -0.51 0.00	36.79 -0.41 0.00	40.67 -0.45 0.00	43.73 -0.40 0.00	66.31 -0.27 0.00	139.49 -0.16 0.00	164.16 -0.50 0.00	185.15 -0.55 0.00	53.09 -0.34 0.00	61.71 -0.38 0.00	53.42 -0.55 0.00	48.57 -0.50 0.00	50.78 -0.45 0.00	71.19 -0.66 0.00	75.18 -0.49 0.00	80.59 -0.34 0.35	76.77 -0.16 0.07	80.34 -0.04 0.00	145.91 -0.02 0.00	108.14 -0.19 0.00	135.86 -0.26 0.00	70.02 -0.24 -6.28

HAMPSHIRE___PAPER_HYD 323593	34.39 -0.97 0.00	35.65 -0.82 0.00	40.45 -0.50 0.00	36.82 -0.39 0.00	40.44 -0.69 0.00	43.34 -0.79 0.00	65.29 -1.29 0.00	137.52 -2.14 0.00	161.78 -2.88 0.00	181.63 -4.06 0.00	51.78 -1.65 0.00	59.85 -2.24 0.00	51.44 -2.54 0.00	46.42 -2.65 0.00	48.65 -2.58 0.00	68.69 -3.16 0.00	72.35 -3.31 0.00	77.98 -3.30 0.00	74.61 -2.40 0.00	78.66 -1.72 0.00	143.82 -2.12 0.00	108.25 -0.08 0.00	136.24 0.12 0.00	279.63 0.33 -215.32
HARDSCRABBLE_WT_PWR 323673	35.36 0.00 0.00	36.20 -0.27 0.00	40.45 -0.50 0.00	36.71 -0.49 0.00	40.70 -0.42 0.00	43.67 -0.46 0.00	66.05 -0.53 0.00	138.30 -1.36 0.00	163.10 -1.56 0.00	183.90 -1.79 0.00	52.84 -0.58 0.00	61.67 -0.41 0.00	53.84 -0.14 0.00	48.91 -0.16 0.00	51.01 -0.22 0.00	72.03 0.17 0.00	76.21 0.55 0.00	81.85 0.57 0.00	77.47 0.46 0.00	80.65 0.27 0.00	146.42 0.49 0.00	108.13 -0.20 0.00	135.37 -0.74 0.00	72.23 -0.44 -8.69
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	36.35 0.99 0.00	37.40 0.92 0.00	42.10 1.16 0.00	38.24 1.04 0.00	42.19 1.06 0.00	45.45 1.32 0.00	68.64 2.06 0.00	144.15 4.50 0.00	169.73 5.07 0.00	192.15 6.46 0.00	55.59 2.17 0.00	64.70 2.62 0.00	56.35 2.37 0.00	51.32 2.25 0.00	53.71 2.47 0.00	75.18 3.32 0.00	79.16 3.50 0.00	85.03 3.76 0.00	80.34 3.33 0.00	83.69 3.31 0.00	151.41 5.48 0.00	111.69 3.36 0.00	139.23 3.12 0.00	65.48 1.50 0.00
HARSNRAD_115KV_TB1 81005	30.30 -2.93 2.13	33.18 -2.99 0.30	37.61 -3.33 0.00	34.60 -2.60 0.00	38.48 -2.65 0.00	40.88 -3.25 0.00	51.56 -5.22 9.80	114.81 -10.65 14.19	151.14 -13.08 0.44	166.75 -15.06 3.88	36.75 -4.82 11.86	43.31 -5.85 12.93	36.64 -5.82 11.52	32.19 -5.52 11.36	31.55 -5.74 13.94	46.27 -8.55 17.03	42.84 -8.77 24.05	38.38 -9.09 33.81	42.44 -7.96 26.61	49.64 -7.90 22.84	123.99 -14.16 7.77	98.67 -9.66 0.00	125.21 -10.91 0.00	58.29 -5.70 0.00
HARZA MOOSE___RIVER 24016	34.79 -0.57 0.00	36.08 -0.39 0.00	41.08 0.13 0.00	37.43 0.23 0.00	41.10 -0.02 0.00	43.92 -0.21 0.00	66.51 -0.07 0.00	139.73 0.08 0.00	164.33 -0.33 0.00	184.85 -0.84 0.00	52.98 -0.45 0.00	61.34 -0.74 0.00	52.76 -1.21 0.00	47.71 -1.37 0.00	50.03 -1.20 0.00	70.66 -1.20 0.00	74.61 -1.05 0.00	80.43 -0.84 0.00	76.93 -0.08 0.00	81.04 0.66 0.00	147.99 2.06 0.00	110.66 2.34 0.00	138.57 2.45 0.00	127.98 1.15 -62.85
HDSNBRDG_115KV_BRDG_TB1 355580	34.82 -0.54 0.00	35.86 -0.61 0.00	40.23 -0.71 0.00	36.58 -0.62 0.00	40.49 -0.63 0.00	43.47 -0.66 0.00	65.79 -0.78 0.00	138.39 -1.27 0.00	163.14 -1.52 0.00	184.11 -1.58 0.00	52.86 -0.56 0.00	61.38 -0.70 0.00	53.23 -0.74 0.00	48.38 -0.69 0.00	50.64 -0.59 0.00	70.96 -0.89 0.00	74.79 -0.88 0.00	80.41 -0.87 0.00	76.34 -0.66 0.00	79.72 -0.65 0.00	144.79 -1.14 0.00	107.36 -0.96 0.00	134.87 -1.25 0.00	70.59 -0.70 -7.31
HELLGATE_13_KV_LD 55870	36.99 1.63 0.00	37.99 1.52 0.00	42.70 1.75 0.00	38.77 1.57 0.00	42.74 1.62 0.00	46.12 1.99 0.00	69.50 2.93 0.00	146.12 6.47 0.00	172.07 7.41 0.00	194.57 8.88 0.00	56.68 3.01 -0.24	66.57 3.59 -0.90	57.25 3.28 0.00	52.20 3.13 0.00	54.59 3.35 0.00	76.38 4.53 0.00	80.37 4.71 0.00	86.22 4.95 0.00	81.38 4.37 0.00	84.78 4.40 0.00	153.21 7.28 0.00	112.91 4.58 0.00	140.25 4.13 0.00	66.23 2.25 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	36.99 1.63 0.00	37.99 1.52 0.00	42.70 1.75 0.00	38.77 1.57 0.00	42.74 1.62 0.00	46.12 1.99 0.00	69.50 2.93 0.00	146.12 6.47 0.00	172.07 7.41 0.00	194.57 8.88 0.00	56.68 3.01 -0.24	66.57 3.59 -0.90	57.25 3.28 0.00	52.20 3.13 0.00	54.59 3.35 0.00	76.38 4.53 0.00	80.37 4.71 0.00	86.22 4.95 0.00	81.38 4.37 0.00	84.78 4.40 0.00	153.21 7.28 0.00	112.91 4.58 0.00	140.25 4.13 0.00	66.23 2.25 0.00
HEMPSTEAD___ 23647	36.63 1.27 0.00	37.54 1.07 0.00	42.18 1.23 0.00	38.30 1.10 0.00	42.27 1.14 0.00	45.64 1.51 0.00	68.37 1.80 0.00	143.67 4.02 0.00	169.10 4.44 0.00	191.76 6.06 0.00	55.86 2.41 -0.02	65.05 2.88 -0.08	56.49 2.51 0.00	51.53 2.45 0.00	53.96 2.73 0.00	75.01 3.16 0.00	79.29 3.63 0.00	85.20 3.92 0.00	80.34 3.33 0.00	83.61 3.23 0.00	151.84 5.91 0.00	112.05 3.73 0.00	138.74 2.62 0.00	65.36 1.38 0.00
HICKLING___1 23621	34.35 -1.98 -0.96	34.67 -1.94 -0.14	38.51 -2.43 0.00	35.05 -2.15 0.00	38.88 -2.25 0.00	41.70 -2.43 0.00	68.15 -3.15 -4.73	140.48 -6.23 -7.07	157.09 -7.82 -0.25	179.88 -7.98 -2.17	55.58 -2.78 -4.93	63.97 -3.37 -5.26	55.47 -3.19 -4.69	50.99 -2.70 -4.62	54.42 -2.48 -5.67	74.96 -3.82 -6.92	50.66 -4.26 20.74	16.77 -4.72 59.79	42.98 -4.15 29.87	67.30 -4.09 8.99	143.40 -6.01 -3.49	104.03 -4.30 0.00	131.95 -4.17 0.00	61.96 -2.02 0.00
HICKLING___2 23622	34.35 -1.98 -0.96	34.67 -1.94 -0.14	38.51 -2.43 0.00	35.05 -2.15 0.00	38.88 -2.25 0.00	41.70 -2.43 0.00	68.15 -3.15 -4.73	140.48 -6.23 -7.07	157.09 -7.82 -0.25	179.88 -7.98 -2.17	55.58 -2.78 -4.93	63.97 -3.37 -5.26	55.47 -3.19 -4.69	50.99 -2.70 -4.62	54.42 -2.48 -5.67	74.96 -3.82 -6.92	50.66 -4.26 20.74	16.77 -4.72 59.79	42.98 -4.15 29.87	67.30 -4.09 8.99	143.40 -6.01 -3.49	104.03 -4.30 0.00	131.95 -4.17 0.00	61.96 -2.02 0.00
HIGH FALLS___HY 23754	36.39 1.03 0.00	37.44 0.97 0.00	42.17 1.22 0.00	38.31 1.11 0.00	42.26 1.14 0.00	45.54 1.41 0.00	68.83 2.25 0.00	144.70 5.05 0.00	170.49 5.83 0.00	192.91 7.22 0.00	55.78 2.35 0.00	64.92 2.84 0.00	56.55 2.58 0.00	51.44 2.36 0.00	53.92 2.69 0.00	75.41 3.55 0.00	79.36 3.69 0.00	85.40 4.12 0.00	80.76 3.76 0.00	84.23 3.85 0.00	152.57 6.64 0.00	112.46 4.14 0.00	140.11 4.00 0.00	65.88 1.90 0.00
HIGH_RIVER___SOLAR 323847	36.19 0.83 0.00	37.28 0.81 0.00	41.86 0.91 0.00	38.04 0.84 0.00	42.08 0.96 0.00	45.18 1.05 0.00	68.25 1.67 0.00	143.24 3.59 0.00	168.85 4.19 0.00	189.85 4.15 0.00	54.55 1.13 0.00	63.31 1.22 0.00	55.12 1.14 0.00	49.97 0.90 0.00	52.03 0.80 0.00	73.40 1.55 0.00	77.53 1.87 0.00	83.53 2.26 0.00	79.27 2.26 0.00	82.85 2.47 0.00	150.30 4.37 0.00	111.33 3.00 0.00	139.61 3.49 0.00	65.57 1.59 0.00
HILLBURN___GT 23639	36.29 0.93 0.00	37.30 0.83 0.00	41.98 1.03 0.00	38.13 0.93 0.00	42.04 0.92 0.00	45.31 1.18 0.00	68.39 1.81 0.00	143.50 3.85 0.00	169.02 4.36 0.00	191.26 5.57 0.00	55.39 1.97 0.00	64.44 2.36 0.00	56.17 2.19 0.00	51.14 2.07 0.00	53.52 2.29 0.00	74.93 3.08 0.00	78.92 3.25 0.00	84.71 3.43 0.00	79.99 2.99 0.00	83.36 2.98 0.00	150.75 4.82 0.00	111.21 2.88 0.00	138.56 2.44 0.00	65.23 1.25 0.00
HILLSIDE_115KV_TB1 80332	34.21 -2.01 -0.86	34.63 -1.96 -0.12	38.45 -2.50 0.00	34.94 -2.27 0.00	38.70 -2.42 0.00	41.53 -2.60 0.00	66.87 -3.39 -3.68	138.15 -6.88 -5.38	156.23 -8.61 -0.18	178.72 -8.58 -1.61	54.82 -2.95 -4.34	63.34 -3.42 -4.67	54.96 -3.18 -4.16	50.40 -2.78 -4.10	53.69 -2.58 -5.04	74.00 -4.00 -6.15	51.33 -4.47 19.86	18.71 -4.97 57.59	43.66 -4.48 28.87	66.07 -4.54 9.77	142.05 -6.75 -2.87	103.24 -5.08 0.00	130.50 -5.61 0.00	61.28 -2.71 0.00

HISHELDN_WT_PWR 323625	25.09 -3.44 6.83	32.02 -3.49 0.96	32.68 -3.91 4.36	26.42 -3.17 7.61	27.21 -3.23 10.68	32.48 -3.78 7.87	29.46 -5.77 31.35	81.24 -11.67 46.74	145.69 -14.22 4.75	158.43 -16.02 11.25	6.98 -4.86 41.58	14.01 -5.84 42.23	5.08 -5.58 43.32	2.58 -5.10 41.39	-1.67 -7.90 47.59	2.72 -8.41 61.23	-3.70 -8.69 70.96	-7.01 -7.54 79.60	-7.39 -7.32 76.85	-6.04 -12.17 79.10	101.52 -12.17 32.23	89.39 -7.68 11.26	108.55 -8.12 19.45	46.35 -4.19 13.44
HOLTSVILLE_IC_1 23690	36.93 1.57 0.00	37.78 1.31 0.00	42.43 1.48 0.00	38.52 1.32 0.00	42.54 1.42 0.00	46.01 1.88 0.00	68.70 2.13 0.00	143.95 4.30 0.00	169.21 4.55 0.00	192.34 6.65 0.00	56.41 2.97 -0.02	65.86 3.70 -0.08	57.03 3.06 0.00	52.02 2.95 0.00	54.60 3.36 0.00	75.94 4.08 0.00	80.26 4.60 0.00	85.90 4.63 0.00	80.88 3.88 0.00	83.95 3.57 0.00	153.00 7.07 0.00	113.72 5.39 0.00	139.83 3.71 0.00	65.71 1.73 0.00
HOLTSVILLE_IC_10 23699	37.08 1.72 0.00	37.93 1.46 0.00	42.59 1.65 0.00	38.67 1.47 0.00	42.71 1.58 0.00	46.21 2.08 0.00	69.00 2.43 0.00	144.58 4.93 0.00	170.01 5.35 0.00	193.29 7.60 0.00	56.73 3.28 -0.02	66.27 4.10 -0.08	57.36 3.39 0.00	52.32 3.25 0.00	54.89 3.66 0.00	76.40 4.55 0.00	80.74 5.08 0.00	86.39 5.11 0.00	81.34 4.34 0.00	84.39 4.02 0.00	153.88 7.95 0.00	114.47 6.15 0.00	140.60 4.48 0.00	66.02 2.04 0.00
HOLTSVILLE_IC_2 23691	36.93 1.57 0.00	37.78 1.31 0.00	42.43 1.48 0.00	38.52 1.32 0.00	42.54 1.42 0.00	46.01 1.88 0.00	68.70 2.13 0.00	143.95 4.30 0.00	169.21 4.55 0.00	192.34 6.65 0.00	56.41 2.97 -0.02	65.86 3.70 -0.08	57.03 3.06 0.00	52.02 2.95 0.00	54.60 3.36 0.00	75.94 4.08 0.00	80.26 4.60 0.00	85.90 4.63 0.00	80.88 3.88 0.00	83.95 3.57 0.00	153.00 7.07 0.00	113.72 5.39 0.00	139.83 3.71 0.00	65.71 1.73 0.00
HOLTSVILLE_IC_3 23692	36.93 1.57 0.00	37.78 1.31 0.00	42.43 1.48 0.00	38.52 1.32 0.00	42.54 1.42 0.00	46.01 1.88 0.00	68.70 2.13 0.00	143.95 4.30 0.00	169.21 4.55 0.00	192.34 6.65 0.00	56.41 2.97 -0.02	65.86 3.70 -0.08	57.03 3.06 0.00	52.02 2.95 0.00	54.60 3.36 0.00	75.94 4.08 0.00	80.26 4.60 0.00	85.90 4.63 0.00	80.88 3.88 0.00	83.95 3.57 0.00	153.00 7.07 0.00	113.72 5.39 0.00	139.83 3.71 0.00	65.71 1.73 0.00
HOLTSVILLE_IC_4 23693	36.93 1.57 0.00	37.78 1.31 0.00	42.43 1.48 0.00	38.52 1.32 0.00	42.54 1.42 0.00	46.01 1.88 0.00	68.70 2.13 0.00	143.95 4.30 0.00	169.21 4.55 0.00	192.34 6.65 0.00	56.41 2.97 -0.02	65.86 3.70 -0.08	57.03 3.06 0.00	52.02 2.95 0.00	54.60 3.36 0.00	75.94 4.08 0.00	80.26 4.60 0.00	85.90 4.63 0.00	80.88 3.88 0.00	83.95 3.57 0.00	153.00 7.07 0.00	113.72 5.39 0.00	139.83 3.71 0.00	65.71 1.73 0.00
HOLTSVILLE_IC_5 23694	36.93 1.57 0.00	37.78 1.31 0.00	42.43 1.48 0.00	38.52 1.32 0.00	42.54 1.42 0.00	46.01 1.88 0.00	68.70 2.13 0.00	143.95 4.30 0.00	169.21 4.55 0.00	192.34 6.65 0.00	56.41 2.97 -0.02	65.86 3.70 -0.08	57.03 3.06 0.00	52.02 2.95 0.00	54.60 3.36 0.00	75.94 4.08 0.00	80.26 4.60 0.00	85.90 4.63 0.00	80.88 3.88 0.00	83.95 3.57 0.00	153.00 7.07 0.00	113.72 5.39 0.00	139.83 3.71 0.00	65.71 1.73 0.00
HOLTSVILLE_IC_6 23695	37.08 1.72 0.00	37.93 1.46 0.00	42.59 1.65 0.00	38.67 1.47 0.00	42.71 1.58 0.00	46.21 2.08 0.00	69.00 2.43 0.00	144.58 4.93 0.00	170.01 5.35 0.00	193.29 7.60 0.00	56.73 3.28 -0.02	66.27 4.10 -0.08	57.36 3.39 0.00	52.32 3.25 0.00	54.89 3.66 0.00	76.40 4.55 0.00	80.74 5.08 0.00	86.39 5.11 0.00	81.34 4.34 0.00	84.39 4.02 0.00	153.88 7.95 0.00	114.47 6.15 0.00	140.60 4.48 0.00	66.02 2.04 0.00
HOLTSVILLE_IC_7 23696	37.08 1.72 0.00	37.93 1.46 0.00	42.59 1.65 0.00	38.67 1.47 0.00	42.71 1.58 0.00	46.21 2.08 0.00	69.00 2.43 0.00	144.58 4.93 0.00	170.01 5.35 0.00	193.29 7.60 0.00	56.73 3.28 -0.02	66.27 4.10 -0.08	57.36 3.39 0.00	52.32 3.25 0.00	54.89 3.66 0.00	76.40 4.55 0.00	80.74 5.08 0.00	86.39 5.11 0.00	81.34 4.34 0.00	84.39 4.02 0.00	153.88 7.95 0.00	114.47 6.15 0.00	140.60 4.48 0.00	66.02 2.04 0.00
HOLTSVILLE_IC_8 23697	37.08 1.72 0.00	37.93 1.46 0.00	42.59 1.65 0.00	38.67 1.47 0.00	42.71 1.58 0.00	46.21 2.08 0.00	69.00 2.43 0.00	144.58 4.93 0.00	170.01 5.35 0.00	193.29 7.60 0.00	56.73 3.28 -0.02	66.27 4.10 -0.08	57.36 3.39 0.00	52.32 3.25 0.00	54.89 3.66 0.00	76.40 4.55 0.00	80.74 5.08 0.00	86.39 5.11 0.00	81.34 4.34 0.00	84.39 4.02 0.00	153.88 7.95 0.00	114.47 6.15 0.00	140.60 4.48 0.00	66.02 2.04 0.00
HOLTSVILLE_IC_9 23698	37.08 1.72 0.00	37.93 1.46 0.00	42.59 1.65 0.00	38.67 1.47 0.00	42.71 1.58 0.00	46.21 2.08 0.00	69.00 2.43 0.00	144.58 4.93 0.00	170.01 5.35 0.00	193.29 7.60 0.00	56.73 3.28 -0.02	66.27 4.10 -0.08	57.36 3.39 0.00	52.32 3.25 0.00	54.89 3.66 0.00	76.40 4.55 0.00	80.74 5.08 0.00	86.39 5.11 0.00	81.34 4.34 0.00	84.39 4.02 0.00	153.88 7.95 0.00	114.47 6.15 0.00	140.60 4.48 0.00	66.02 2.04 0.00
HOMER_HL_115KV_TB2 355744	32.77 -1.80 0.78	34.50 -1.86 0.11	38.92 -2.03 0.00	35.75 -1.45 0.00	39.76 -1.37 0.00	42.41 -1.72 0.00	60.31 -2.66 3.61	129.34 -5.09 5.23	158.55 -5.64 0.46	175.54 -6.05 4.11	45.26 -2.80 5.37	53.89 -3.44 4.76	46.65 -3.08 4.24	42.17 -2.72 4.18	43.38 -2.72 5.13	60.98 -4.60 6.27	51.96 -4.73 18.98	39.46 -5.16 36.65	49.16 -4.49 23.36	61.45 -4.04 14.88	136.60 -6.47 2.86	104.07 -4.26 0.00	132.65 -3.47 0.00	61.90 -2.08 0.00
HOWARD_WT_PWR 323690	38.35 -4.16 -7.15	33.23 -4.26 -1.02	36.10 -4.85 0.00	32.98 -4.22 0.00	36.80 -4.33 0.00	39.39 -4.75 0.00	92.99 -6.88 -33.30	173.55 -14.35 -48.25	149.63 -18.55 -3.52	180.63 -21.04 -15.98	88.93 -5.73 -41.24	98.91 -7.00 -43.82	86.65 -6.36 -39.04	82.10 -5.49 -38.52	93.16 -5.33 -47.26	121.60 -7.97 -57.72	91.70 -8.93 -24.97	51.33 -9.52 20.43	83.36 -8.26 -14.62	113.73 -8.02 -41.37	159.11 -13.21 -26.39	100.55 -7.78 0.00	130.10 -6.02 0.00	61.20 -2.78 0.00
HQ_GEN_CEDARS 23644	35.72 0.36 0.00	36.95 0.48 0.00	41.42 0.47 0.00	37.59 0.39 0.00	41.52 0.39 0.00	44.68 0.56 0.00	66.98 0.41 0.00	140.89 1.24 0.00	166.20 1.53 0.00	186.81 1.11 0.00	53.40 -0.03 0.00	61.88 -0.20 0.00	53.60 -0.38 0.00	48.57 -0.51 0.00	50.65 -0.58 0.00	71.15 -0.70 0.00	74.84 -0.82 0.00	80.57 -0.71 0.00	76.39 -0.61 0.00	80.01 -0.37 0.00	145.45 -0.49 0.00	108.91 0.58 0.00	137.64 1.52 0.00	497.96 1.09 -432.89
HQ_GEN_CEDARS_PROXY 323590	35.72 0.36 0.00	36.95 0.48 0.00	41.42 0.47 0.00	37.59 0.39 0.00	41.52 0.40 0.00	44.69 0.56 0.00	66.98 0.41 0.00	140.88 1.23 0.00	166.20 1.54 0.00	186.78 1.09 0.00	53.40 -0.03 0.00	61.88 -0.20 0.00	53.60 -0.38 0.00	48.56 -0.51 0.00	50.66 -0.57 0.00	71.16 -0.70 0.00	74.84 -0.82 0.00	80.56 -0.72 0.00	76.41 -0.60 0.00	80.01 -0.37 0.00	145.45 -0.49 0.00	108.91 0.58 0.00	137.61 1.49 0.00	497.96 1.09 -432.89

HQ_GEN_CHPE_PROXY 323851	36.69 1.33 0.00	37.69 1.22 0.00	42.37 1.42 0.00	38.48 1.28 0.00	42.43 1.31 0.00	45.76 1.63 0.00	68.81 2.33 0.10	139.99 5.10 4.76	170.55 5.90 0.00	193.03 7.33 0.00	55.96 2.53 0.00	65.18 3.09 0.00	56.81 2.84 0.00	51.77 2.69 0.00	54.17 2.94 0.00	75.79 3.94 0.00	79.82 4.16 0.00	85.65 4.38 0.00	80.84 3.83 0.00	84.20 3.82 0.00	152.22 6.29 0.00	111.92 3.89 0.30	139.49 3.38 0.00	57.92 1.73 7.79
HQ_GEN_IMPORT 323601	35.56 0.19 0.00	36.71 0.24 0.00	41.17 0.22 0.00	37.38 0.18 0.00	41.32 0.19 0.00	44.38 0.25 0.00	66.72 0.25 0.10	135.44 0.55 4.76	165.37 0.71 0.00	186.34 0.65 0.00	53.52 0.09 0.00	62.15 0.06 0.00	53.98 0.00 0.00	49.06 -0.01 0.00	51.17 -0.06 0.00	71.76 -0.09 0.00	75.52 -0.14 0.00	81.15 -0.13 0.00	76.90 -0.10 0.00	80.35 -0.03 0.00	145.99 0.06 0.00	108.40 0.38 0.30	136.85 0.73 0.00	43.41 0.41 20.98
HQ_GEN_WHEEL 23651	35.56 0.19 0.00	36.71 0.24 0.00	41.17 0.22 0.00	37.38 0.18 0.00	41.32 0.19 0.00	44.38 0.25 0.00	66.72 0.25 0.10	135.44 0.55 4.76	165.37 0.71 0.00	186.34 0.65 0.00	53.52 0.09 0.00	62.15 0.06 0.00	53.98 0.00 0.00	49.06 -0.01 0.00	51.17 -0.06 0.00	71.76 -0.09 0.00	75.52 -0.14 0.00	81.15 -0.13 0.00	76.90 -0.10 0.00	80.35 -0.03 0.00	145.99 0.06 0.00	108.40 0.38 0.30	136.85 0.73 0.00	43.41 0.41 20.98
HUDSON_AVE_GT_3 23810	36.74 1.38 0.00	37.73 1.26 0.00	42.41 1.46 0.00	38.52 1.32 0.00	42.48 1.35 0.00	45.80 1.67 0.00	69.01 2.43 0.00	144.93 5.28 0.00	170.81 6.15 0.00	193.31 7.62 0.00	56.05 2.62 0.00	65.26 3.18 0.00	56.88 2.91 0.00	51.85 2.77 0.00	54.25 3.02 0.00	75.91 4.06 0.00	79.93 4.26 0.00	85.75 4.48 0.00	80.97 3.97 0.00	84.35 3.97 0.00	152.48 6.55 0.00	112.35 4.02 0.00	139.65 3.53 0.00	65.79 1.81 0.00
HUDSON_AVE_GT_4 23540	36.74 1.38 0.00	37.73 1.26 0.00	42.41 1.46 0.00	38.52 1.32 0.00	42.48 1.35 0.00	45.80 1.67 0.00	69.01 2.43 0.00	144.93 5.28 0.00	170.81 6.15 0.00	193.31 7.62 0.00	56.05 2.62 0.00	65.26 3.18 0.00	56.88 2.91 0.00	51.85 2.77 0.00	54.25 3.02 0.00	75.91 4.06 0.00	79.93 4.26 0.00	85.75 4.48 0.00	80.97 3.97 0.00	84.35 3.97 0.00	152.48 6.55 0.00	112.35 4.02 0.00	139.65 3.53 0.00	65.79 1.81 0.00
HUDSON_AVE_GT_5 23657	36.74 1.38 0.00	37.73 1.26 0.00	42.41 1.46 0.00	38.52 1.32 0.00	42.48 1.35 0.00	45.80 1.67 0.00	69.01 2.43 0.00	144.93 5.28 0.00	170.81 6.15 0.00	193.31 7.62 0.00	56.05 2.62 0.00	65.26 3.18 0.00	56.88 2.91 0.00	51.85 2.77 0.00	54.25 3.02 0.00	75.91 4.06 0.00	79.93 4.26 0.00	85.75 4.48 0.00	80.97 3.97 0.00	84.35 3.97 0.00	152.48 6.55 0.00	112.35 4.02 0.00	139.65 3.53 0.00	65.79 1.81 0.00
HUDSON_AVE_10 24168	36.61 1.25 0.00	37.59 1.12 0.00	42.25 1.30 0.00	38.38 1.18 0.00	42.32 1.19 0.00	45.62 1.49 0.00	68.73 2.16 0.00	144.33 4.68 0.00	170.00 5.34 0.00	192.36 6.66 0.00	55.83 2.38 -0.02	65.12 2.95 -0.09	56.67 2.70 0.00	51.66 2.59 0.00	54.06 2.82 0.00	75.64 3.78 0.00	79.62 3.96 0.00	85.42 4.14 0.00	80.66 3.65 0.00	84.04 3.66 0.00	151.90 5.97 0.00	111.91 3.58 0.00	139.04 2.93 0.00	65.52 1.54 0.00
HUDSON___115KV_TB 4 355613	36.61 1.25 0.00	37.74 1.27 0.00	42.36 1.41 0.00	38.48 1.28 0.00	42.58 1.45 0.00	45.66 1.52 0.00	69.01 2.43 0.00	144.33 4.68 0.00	170.70 6.04 0.00	192.47 6.78 0.00	55.48 2.05 0.00	64.61 2.52 0.00	56.36 2.39 0.00	51.31 2.23 0.00	53.58 2.35 0.00	75.32 3.46 0.00	79.19 3.52 0.00	85.33 4.06 0.00	80.82 3.81 0.00	84.18 3.80 0.00	152.51 6.58 0.00	112.90 4.57 0.00	141.63 5.51 0.00	66.48 2.50 0.00
HUNTER MOUNT___DRP 323613	36.71 1.35 0.00	37.85 1.38 0.00	42.47 1.52 0.00	38.57 1.37 0.00	42.71 1.59 0.00	45.79 1.66 0.00	69.26 2.68 0.00	144.75 5.09 0.00	171.62 6.96 0.00	193.40 7.71 0.00	55.74 2.31 0.00	64.91 2.83 0.00	56.63 2.65 0.00	51.54 2.47 0.00	53.87 2.64 0.00	75.74 3.89 0.00	79.60 3.94 0.00	85.86 4.58 0.00	81.33 4.32 0.00	84.70 4.32 0.00	153.49 7.56 0.00	113.62 5.29 0.00	142.49 6.37 0.00	66.85 2.87 0.00
HUNTINGTON_RES_REC 323705	36.88 1.52 0.00	37.75 1.28 0.00	42.39 1.44 0.00	38.47 1.27 0.00	42.49 1.37 0.00	45.95 1.82 0.00	68.65 2.08 0.00	143.93 4.28 0.00	169.26 4.60 0.00	192.34 6.65 0.00	56.32 2.87 -0.02	65.65 3.48 -0.08	56.86 2.89 0.00	51.89 2.82 0.00	54.44 3.21 0.00	75.75 3.90 0.00	80.05 4.38 0.00	85.80 4.53 0.00	80.85 3.84 0.00	84.00 3.62 0.00	152.87 6.94 0.00	113.36 5.03 0.00	139.53 3.41 0.00	65.65 1.67 0.00
HUNTLEY___63 23557	30.35 -2.73 2.28	33.36 -2.79 0.32	37.90 -3.05 0.00	34.88 -2.32 0.00	38.81 -2.31 0.00	41.16 -2.97 0.00	51.41 -4.66 10.50	115.03 -9.41 15.21	152.62 -11.57 0.48	168.01 -13.43 4.25	36.49 -4.19 12.75	43.21 -5.01 13.86	36.57 -5.06 12.35	32.19 -4.70 12.18	31.41 -4.87 14.95	46.20 -7.40 18.26	42.40 -7.48 25.78	37.42 -7.71 36.15	41.83 -6.66 28.53	49.38 -6.52 24.48	125.83 -11.77 8.33	100.24 -8.09 0.00	127.19 -8.93 0.00	59.19 -4.79 0.00
HUNTLEY___64 23558	30.35 -2.73 2.28	33.36 -2.79 0.32	37.90 -3.05 0.00	34.88 -2.32 0.00	38.81 -2.31 0.00	41.16 -2.97 0.00	51.41 -4.66 10.50	115.03 -9.41 15.21	152.62 -11.57 0.48	168.01 -13.43 4.25	36.49 -4.19 12.75	43.21 -5.01 13.86	36.57 -5.06 12.35	32.19 -4.70 12.18	31.41 -4.87 14.95	46.20 -7.40 18.26	42.40 -7.48 25.78	37.42 -7.71 36.15	41.83 -6.66 28.53	49.38 -6.52 24.48	125.83 -11.77 8.33	100.24 -8.09 0.00	127.19 -8.93 0.00	59.19 -4.79 0.00
HUNTLEY___65 23559	30.35 -2.73 2.28	33.36 -2.79 0.32	37.90 -3.05 0.00	34.88 -2.32 0.00	38.81 -2.31 0.00	41.16 -2.97 0.00	51.41 -4.66 10.50	115.03 -9.41 15.21	152.62 -11.57 0.48	168.01 -13.43 4.25	36.49 -4.19 12.75	43.21 -5.01 13.86	36.57 -5.06 12.35	32.19 -4.70 12.18	31.41 -4.87 14.95	46.20 -7.40 18.26	42.40 -7.48 25.78	37.42 -7.71 36.15	41.83 -6.66 28.53	49.38 -6.52 24.48	125.83 -11.77 8.33	100.24 -8.09 0.00	127.19 -8.93 0.00	59.19 -4.79 0.00
HUNTLEY___66 23560	30.35 -2.73 2.28	33.36 -2.79 0.32	37.90 -3.05 0.00	34.88 -2.32 0.00	38.81 -2.31 0.00	41.16 -2.97 0.00	51.41 -4.66 10.50	115.03 -9.41 15.21	152.62 -11.57 0.48	168.01 -13.43 4.25	36.49 -4.19 12.75	43.21 -5.01 13.86	36.57 -5.06 12.35	32.19 -4.70 12.18	31.41 -4.87 14.95	46.20 -7.40 18.26	42.40 -7.48 25.78	37.42 -7.71 36.15	41.83 -6.66 28.53	49.38 -6.52 24.48	125.83 -11.77 8.33	100.24 -8.09 0.00	127.19 -8.93 0.00	59.19 -4.79 0.00
HUNTLEY___67 23561	29.75 -2.92 2.69	33.12 -2.96 0.38	37.71 -3.24 0.00	34.69 -2.51 0.00	38.59 -2.53 0.00	41.01 -3.12 0.00	49.12 -5.03 12.43	111.39 -10.26 18.00	151.61 -12.49 0.56	166.49 -14.28 4.92	33.83 -4.55 15.04	40.30 -5.39 16.40	34.10 -5.27 14.61	29.75 -4.91 14.42	28.42 -5.12 17.69	42.54 -7.72 21.60	38.69 -7.80 29.18	33.61 -8.07 39.59	37.97 -7.07 31.97	45.31 -6.95 28.12	123.75 -12.32 9.86	100.01 -8.32 0.00	126.95 -9.16 0.00	59.12 -4.87 0.00

HUNTLEY___68 23562	29.75 -2.92 2.69	33.12 -2.96 0.38	37.71 -3.24 0.00	34.69 -2.51 0.00	38.59 -2.53 0.00	41.01 -3.12 0.00	49.12 -5.03 12.43	111.39 -10.26 18.00	151.61 -12.49 0.56	166.49 -14.28 4.92	33.83 -4.55 15.04	40.30 -5.39 16.40	34.10 -5.27 14.61	29.75 -4.91 14.42	28.42 -5.12 17.69	42.54 -7.72 21.60	38.69 -7.80 29.18	33.61 -8.07 39.59	37.97 -7.07 31.97	45.31 -6.95 28.12	123.75 -12.32 9.86	100.01 -8.32 0.00	126.95 -9.16 0.00	59.12 -4.87 0.00
HYLAND___LFGE 323620	42.53 -0.87 -8.04	36.72 -0.90 -1.15	38.84 -1.02 1.09	34.66 -0.64 1.89	38.03 -0.44 2.66	41.74 -0.44 1.96	104.47 0.03 -37.86	195.31 1.14 -54.52	166.96 0.62 -1.67	199.68 -0.80 -14.79	97.36 -0.77 -44.70	110.16 -1.64 -49.71	95.16 -1.69 -42.87	90.15 -1.55 -42.63	102.57 -1.77 -53.10	132.87 -3.06 -64.08	114.20 -3.29 -41.83	89.26 -3.19 -11.17	109.86 -1.55 -34.40	133.61 0.10 -53.13	175.39 1.26 -28.20	107.19 1.67 2.80	134.19 2.91 4.84	61.67 1.03 3.34
INDECK___CORINTH 23802	36.88 1.52 0.00	37.96 1.48 0.00	42.58 1.64 0.00	38.59 1.39 0.00	42.83 1.71 0.00	46.00 1.87 0.00	69.48 2.91 0.00	145.40 5.75 0.00	171.53 6.87 0.00	193.24 7.54 0.00	55.65 2.22 0.00	64.89 2.80 0.00	56.74 2.77 0.00	51.60 2.52 0.00	53.74 2.51 0.00	75.81 3.95 0.00	79.98 4.32 0.00	86.20 4.92 0.00	81.65 4.64 0.00	84.76 4.38 0.00	153.50 7.57 0.00	112.81 4.48 0.00	140.76 4.64 0.00	65.53 1.55 0.00
INDECK___ILION 23567	35.42 0.06 0.00	36.42 -0.05 0.00	40.81 -0.14 0.00	37.06 -0.14 0.00	41.02 -0.10 0.00	44.01 -0.12 0.00	66.51 -0.06 0.00	139.41 -0.24 0.00	164.40 -0.26 0.00	185.40 -0.29 0.00	53.34 -0.09 0.00	62.14 0.05 0.00	54.13 0.15 0.00	49.19 0.12 0.00	51.32 0.09 0.00	72.27 0.41 0.00	76.29 0.63 0.00	81.93 0.65 0.00	77.59 0.58 0.00	80.86 0.48 0.00	146.76 0.83 0.00	108.58 0.25 0.00	136.15 0.03 0.00	72.62 -0.05 -8.69
INDECK___OLEAN 23982	32.61 -1.81 0.94	34.50 -1.86 0.11	29.54 -2.04 9.38	19.35 -1.48 16.36	16.79 -1.37 22.97	25.47 -1.76 16.91	60.19 -2.65 3.74	126.33 -5.02 8.30	149.99 -5.50 9.17	175.56 -6.03 4.11	36.39 -2.81 14.23	51.89 -3.43 6.76	32.47 -3.24 18.26	31.24 -2.70 15.13	36.75 -2.79 11.69	46.31 -4.58 20.96	29.79 -4.94 40.93	16.53 -5.26 59.49	20.22 -4.52 52.26	26.15 -3.99 50.24	120.59 -6.57 18.78	79.84 -4.29 24.19	90.74 -3.58 41.79	32.96 -2.14 28.88
INDECK___OSWEGO 23783	34.31 -1.05 0.00	35.34 -1.13 0.00	39.73 -1.22 0.00	36.14 -1.06 0.00	39.95 -1.17 0.00	42.87 -1.27 0.00	64.93 -1.64 0.00	136.47 -3.18 0.00	160.81 -3.85 0.00	181.31 -4.38 0.00	52.01 -1.41 0.00	60.36 -1.72 0.00	52.30 -1.68 0.00	47.50 -1.57 0.00	49.70 -1.53 0.00	69.75 -2.11 0.00	73.52 -2.14 0.00	79.12 -2.15 0.00	75.33 -1.68 0.00	78.81 -1.57 0.00	143.34 -2.59 0.00	106.42 -1.91 0.00	133.51 -2.61 0.00	83.00 -1.32 -20.33
INDECK___YERKES 23781	30.28 -2.69 2.39	33.39 -2.76 0.32	31.13 -3.03 6.79	23.05 -2.31 11.84	22.23 -2.28 16.62	28.94 -2.95 12.24	51.42 -4.56 10.60	113.06 -9.16 17.44	147.32 -11.29 6.05	168.24 -13.20 4.25	30.16 -4.10 19.16	41.87 -4.90 15.31	26.40 -5.08 22.49	24.34 -4.62 20.11	26.73 -4.81 19.69	35.70 -7.27 28.89	26.51 -7.49 41.67	20.96 -7.64 52.68	20.96 -6.60 49.44	23.97 -6.34 50.07	114.20 -11.88 19.85	82.81 -8.01 17.51	97.00 -8.87 30.25	38.33 -4.75 20.90
INDIAN POINT_GT_1 24139	36.34 0.98 0.00	37.34 0.87 0.00	42.01 1.06 0.00	38.16 0.96 0.00	42.09 0.96 0.00	45.35 1.22 0.00	68.40 1.82 0.00	143.59 3.94 0.00	169.09 4.43 0.00	191.33 5.64 0.00	55.42 2.00 0.00	64.52 2.44 0.00	56.22 2.24 0.00	51.22 2.15 0.00	53.59 2.36 0.00	75.01 3.16 0.00	78.99 3.33 0.00	84.79 3.52 0.00	80.07 3.07 0.00	83.44 3.06 0.00	150.95 5.02 0.00	111.31 2.99 0.00	138.62 2.51 0.00	65.25 1.27 0.00
INDIAN POINT_GT_2 23659	36.34 0.98 0.00	37.34 0.87 0.00	42.01 1.06 0.00	38.16 0.96 0.00	42.09 0.96 0.00	45.35 1.22 0.00	68.40 1.82 0.00	143.59 3.94 0.00	169.09 4.43 0.00	191.33 5.64 0.00	55.42 2.00 0.00	64.52 2.44 0.00	56.22 2.24 0.00	51.22 2.15 0.00	53.59 2.36 0.00	75.01 3.16 0.00	78.99 3.33 0.00	84.79 3.52 0.00	80.07 3.07 0.00	83.44 3.06 0.00	150.95 5.02 0.00	111.31 2.99 0.00	138.62 2.51 0.00	65.25 1.27 0.00
INDIAN POINT_GT_3 24019	36.34 0.98 0.00	37.34 0.87 0.00	42.01 1.06 0.00	38.16 0.96 0.00	42.09 0.96 0.00	45.35 1.22 0.00	68.40 1.82 0.00	143.59 3.94 0.00	169.09 4.43 0.00	191.33 5.64 0.00	55.42 2.00 0.00	64.52 2.44 0.00	56.22 2.24 0.00	51.22 2.15 0.00	53.59 2.36 0.00	75.01 3.16 0.00	78.99 3.33 0.00	84.79 3.52 0.00	80.07 3.07 0.00	83.44 3.06 0.00	150.95 5.02 0.00	111.31 2.99 0.00	138.62 2.51 0.00	65.25 1.27 0.00
INDIAN POINT___2 23530	36.29 0.93 0.00	37.31 0.84 0.00	41.98 1.04 0.00	38.13 0.93 0.00	42.05 0.92 0.00	45.31 1.18 0.00	68.34 1.77 0.00	143.45 3.80 0.00	168.91 4.25 0.00	191.15 5.46 0.00	55.36 1.94 0.00	64.44 2.35 0.00	56.16 2.19 0.00	51.14 2.07 0.00	53.52 2.29 0.00	74.89 3.04 0.00	78.87 3.21 0.00	84.68 3.40 0.00	79.96 2.95 0.00	83.30 2.92 0.00	150.71 4.78 0.00	111.17 2.84 0.00	138.48 2.36 0.00	65.20 1.21 0.00
INDIAN POINT___3 23531	36.31 0.95 0.00	37.31 0.84 0.00	41.98 1.03 0.00	38.14 0.94 0.00	42.07 0.94 0.00	45.32 1.19 0.00	68.35 1.78 0.00	143.47 3.82 0.00	168.97 4.31 0.00	191.16 5.46 0.00	55.37 1.94 0.00	64.45 2.36 0.00	56.16 2.19 0.00	51.17 2.10 0.00	53.53 2.30 0.00	74.92 3.07 0.00	78.90 3.24 0.00	84.70 3.42 0.00	80.00 2.99 0.00	83.33 2.95 0.00	150.75 4.82 0.00	111.20 2.87 0.00	138.49 2.38 0.00	65.20 1.22 0.00
INGHAM_C_115KV_TB7 356103	35.43 0.07 0.00	36.35 -0.12 0.00	40.66 -0.29 0.00	36.86 -0.34 0.00	40.89 -0.23 0.00	43.87 -0.26 0.00	66.43 -0.15 0.00	139.03 -0.61 0.00	164.00 -0.67 0.00	184.99 -0.70 0.00	53.10 -0.32 0.00	62.06 -0.02 0.00	54.17 0.20 0.00	49.19 0.12 0.00	51.28 0.05 0.00	72.53 0.67 0.00	76.74 1.08 0.00	82.39 1.11 0.00	77.99 0.98 0.00	81.18 0.80 0.00	147.35 1.42 0.00	108.63 0.30 0.00	135.97 -0.15 0.00	72.42 -0.25 -8.69
IP CORINTH___1 23988	36.89 1.52 0.00	37.96 1.48 0.00	42.58 1.63 0.00	38.59 1.39 0.00	42.83 1.71 0.00	46.00 1.87 0.00	69.48 2.91 0.00	145.40 5.75 0.00	171.53 6.87 0.00	193.23 7.54 0.00	55.66 2.23 0.00	64.89 2.80 0.00	56.74 2.76 0.00	51.59 2.52 0.00	53.74 2.51 0.00	75.81 3.95 0.00	79.97 4.30 0.00	86.20 4.92 0.00	81.65 4.64 0.00	84.76 4.39 0.00	153.49 7.56 0.00	112.90 4.58 0.00	141.10 4.99 0.00	65.76 1.78 0.00
IP___TICONDEROGA 23804	37.76 2.40 0.00	38.61 2.14 0.00	43.18 2.23 0.00	38.89 1.69 0.00	43.45 2.32 0.00	46.87 2.74 0.00	70.52 3.95 0.00	148.43 8.78 0.00	175.36 10.69 0.00	197.46 11.77 0.00	56.89 3.46 0.00	66.73 4.65 0.00	58.56 4.59 0.00	53.22 4.14 0.00	55.23 4.00 0.00	78.09 6.23 0.00	82.72 7.05 0.00	90.04 8.76 0.00	85.14 8.14 0.00	87.61 7.23 0.00	158.22 12.29 0.00	116.08 7.75 0.00	146.17 10.06 0.00	68.11 4.12 0.00

ISLIP_RES_REC 323679	37.24 1.88 0.00	38.09 1.62 0.00	42.77 1.82 0.00	38.83 1.64 0.00	42.90 1.78 0.00	46.42 2.29 0.00	69.36 2.78 0.00	145.39 5.74 0.00	170.91 6.25 0.00	194.43 8.74 0.00	57.06 3.62 -0.02	66.65 4.49 -0.08	57.69 3.72 0.00	52.63 3.56 0.00	55.23 4.00 0.00	76.87 5.02 0.00	81.25 5.58 0.00	86.94 5.66 0.00	81.89 4.88 0.00	84.92 4.55 0.00	154.88 8.94 0.00	115.20 6.87 0.00	141.43 5.31 0.00	66.40 2.42 0.00
JAMAICA__27_KV_LOAD 355505	36.94 1.58 0.00	37.85 1.38 0.00	42.50 1.55 0.00	38.57 1.37 0.00	42.54 1.42 0.00	45.87 1.74 0.00	69.09 2.52 0.00	144.88 5.23 0.00	170.63 5.97 0.00	192.95 7.26 0.00	55.99 2.53 -0.03	65.54 3.36 -0.10	57.04 3.06 0.00	52.02 2.95 0.00	54.41 3.18 0.00	76.14 4.29 0.00	80.14 4.48 0.00	85.86 4.58 0.00	81.16 4.15 0.00	84.61 4.23 0.00	152.78 6.85 0.00	112.47 4.14 0.00	139.73 3.61 0.00	65.80 1.81 0.00
JANIS__SOLAR 323808	35.62 -0.25 -0.52	36.33 -0.21 -0.07	42.22 -0.49 -1.77	39.87 -0.41 -3.08	45.15 -0.30 -4.32	47.35 0.03 -3.18	69.24 0.53 -2.13	145.87 2.57 -3.64	169.05 2.82 -1.57	188.97 2.36 -0.91	57.95 0.32 -4.21	65.21 0.01 -3.12	58.87 -0.19 -5.08	53.19 -0.36 -4.47	55.39 -0.03 -4.19	78.64 0.41 -6.37	106.85 0.84 -30.35	141.04 0.98 -58.78	117.15 1.44 -38.70	107.35 1.92 -25.06	155.20 4.61 -4.66	115.53 2.66 -4.55	146.95 2.96 -7.86	70.67 1.25 -5.43
JARVIS____ 23743	35.36 0.00 0.00	36.47 0.00 0.00	40.95 0.00 0.00	37.20 0.00 0.00	41.12 0.00 0.00	44.08 -0.05 0.00	66.51 -0.06 0.00	139.50 -0.15 0.00	164.49 -0.17 0.00	185.52 -0.17 0.00	53.45 0.02 0.00	62.14 0.06 0.00	54.05 0.07 0.00	49.14 0.07 0.00	51.26 0.03 0.00	71.93 0.08 0.00	75.82 0.15 0.00	81.40 0.12 0.00	77.11 0.10 0.00	80.46 0.08 0.00	146.07 0.14 0.00	108.31 -0.02 0.00	136.03 -0.09 0.00	72.65 -0.02 -8.69
JENNISON__1 23625	34.80 -0.56 0.00	35.95 -0.52 0.00	40.19 -0.76 0.00	36.50 -0.70 0.00	40.40 -0.72 0.00	43.67 -0.46 0.00	66.29 -0.28 0.00	140.32 0.67 0.00	165.38 0.72 0.00	185.71 0.02 0.00	53.20 -0.22 0.00	61.79 -0.30 0.00	53.65 -0.33 0.00	48.72 -0.36 0.00	51.18 -0.05 0.00	72.01 0.16 0.00	80.11 0.43 -4.01	91.43 0.39 -9.76	82.99 0.57 -5.40	83.82 0.87 -2.57	148.70 2.77 0.00	109.07 0.75 0.00	137.02 0.90 0.00	64.31 0.33 0.00
JENNISON__2 23626	34.80 -0.56 0.00	35.95 -0.52 0.00	40.19 -0.76 0.00	36.50 -0.70 0.00	40.40 -0.72 0.00	43.67 -0.46 0.00	66.29 -0.28 0.00	140.32 0.67 0.00	165.38 0.72 0.00	185.71 0.02 0.00	53.20 -0.22 0.00	61.79 -0.30 0.00	53.65 -0.33 0.00	48.72 -0.36 0.00	51.18 -0.05 0.00	72.01 0.16 -4.01	80.11 0.43 -9.76	91.43 0.39 -5.40	82.99 0.57 -2.57	83.82 0.87 0.00	148.70 2.77 0.00	109.07 0.75 0.00	137.02 0.90 0.00	64.31 0.33 0.00
JERICHO_RISE_WT_PWR 323719	35.11 -0.25 0.00	36.31 -0.16 0.00	40.60 -0.35 0.00	36.52 -0.68 0.00	40.22 -0.90 0.00	43.33 -0.80 0.00	65.13 -1.45 0.00	136.65 -3.00 0.00	161.39 -3.27 0.00	181.83 -3.86 0.00	52.16 -1.27 0.00	60.43 -1.66 0.00	52.50 -1.47 0.00	47.60 -1.47 0.00	49.55 -1.68 0.00	69.76 -2.10 0.00	73.53 -2.13 0.00	78.98 -2.29 0.00	74.67 -2.34 0.00	77.93 -2.45 0.00	142.30 -3.63 0.00	106.97 -1.36 0.00	135.73 -0.39 0.00	109.78 0.10 -45.69
KATONAH__115KV_46KV_TB4 355592	36.50 1.14 0.00	37.51 1.04 0.00	42.18 1.23 0.00	38.31 1.11 0.00	42.27 1.14 0.00	45.55 1.42 0.00	68.73 2.15 0.00	144.27 4.62 0.00	170.00 5.34 0.00	192.37 6.68 0.00	55.73 2.30 0.00	64.90 2.81 0.00	56.55 2.58 0.00	51.53 2.46 0.00	53.94 2.71 0.00	75.53 3.68 0.00	79.52 3.86 0.00	85.40 4.13 0.00	80.69 3.69 0.00	84.09 3.71 0.00	152.12 6.19 0.00	112.16 3.83 0.00	139.60 3.48 0.00	65.67 1.69 0.00
KCE_NY_1 323755	36.65 1.29 0.00	37.79 1.32 0.00	42.39 1.44 0.00	38.45 1.25 0.00	42.61 1.49 0.00	45.69 1.55 0.00	69.00 2.43 0.00	144.39 4.74 0.00	170.33 5.66 0.00	191.91 6.22 0.00	55.31 1.88 0.00	64.40 2.31 0.00	56.25 2.28 0.00	51.16 2.09 0.00	53.34 2.11 0.00	75.15 3.29 0.00	79.21 3.55 0.00	85.14 3.87 0.00	80.61 3.60 0.00	83.84 3.46 0.00	151.87 5.94 0.00	112.27 3.94 0.00	140.79 4.67 0.00	65.92 1.93 0.00
KCE_NY_6_ESR 323823	30.04 -2.53 2.79	33.54 -2.56 0.38	30.60 -2.85 7.49	21.97 -2.15 13.08	20.64 -2.12 18.36	28.00 -2.62 13.51	49.98 -4.18 12.42	111.10 -8.27 20.28	147.85 -10.02 6.79	169.37 -11.24 5.08	27.63 -3.74 22.05	39.79 -4.46 17.84	23.78 -4.53 25.67	21.91 -4.14 23.02	24.06 -4.42 22.75	32.07 -6.66 33.13	21.55 -6.91 47.20	15.00 -6.99 59.28	15.20 -6.02 55.79	18.23 -5.56 56.59	113.68 -9.76 22.49	82.58 -6.41 19.34	95.89 -6.82 33.40	37.22 -3.68 23.08
KEDC_PORT_JEFF_GT2 24210	37.01 1.65 0.00	37.87 1.40 0.00	42.52 1.57 0.00	38.61 1.40 0.00	42.64 1.51 0.00	46.13 1.99 0.00	68.88 2.30 0.00	144.36 4.71 0.00	169.69 5.03 0.00	192.95 7.25 0.00	56.61 3.16 -0.02	66.13 3.96 -0.08	57.25 3.27 0.00	52.22 3.15 0.00	54.79 3.56 0.00	76.23 4.37 0.00	80.58 4.92 0.00	86.23 4.96 0.00	81.21 4.20 0.00	84.26 3.88 0.00	153.59 7.66 0.00	114.22 5.89 0.00	140.32 4.20 0.00	65.91 1.92 0.00
KEDC_PORT_JEFF_GT3 24211	37.01 1.65 0.00	37.87 1.40 0.00	42.52 1.57 0.00	38.61 1.40 0.00	42.64 1.51 0.00	46.13 1.99 0.00	68.88 2.30 0.00	144.36 4.71 0.00	169.69 5.03 0.00	192.95 7.25 0.00	56.61 3.16 -0.02	66.13 3.96 -0.08	57.25 3.27 0.00	52.22 3.15 0.00	54.79 3.56 0.00	76.23 4.37 0.00	80.58 4.92 0.00	86.23 4.96 0.00	81.21 4.20 0.00	84.26 3.88 0.00	153.59 7.66 0.00	114.22 5.89 0.00	140.32 4.20 0.00	65.91 1.92 0.00
KEDC_GLWD_GT4 24219	36.75 1.39 0.00	37.71 1.24 0.00	42.37 1.42 0.00	38.47 1.27 0.00	42.47 1.34 0.00	45.82 1.69 0.00	68.83 2.26 0.00	144.56 4.91 0.00	170.28 5.62 0.00	192.94 7.25 0.00	56.13 2.68 -0.02	65.38 3.21 -0.08	56.81 2.83 0.00	51.79 2.72 0.00	54.09 2.86 0.00	75.24 3.39 0.00	79.63 3.97 0.00	85.72 4.45 0.00	80.87 3.86 0.00	84.22 3.84 0.00	152.65 6.72 0.00	112.61 4.28 0.00	139.71 3.59 0.00	65.80 1.82 0.00
KEDC_GLWD_GTS 24220	36.75 1.39 0.00	37.71 1.24 0.00	42.37 1.42 0.00	38.47 1.27 0.00	42.47 1.34 0.00	45.82 1.69 0.00	68.83 2.26 0.00	144.56 4.91 0.00	170.28 5.62 0.00	192.94 7.25 0.00	56.13 2.68 -0.02	65.38 3.21 -0.08	56.81 2.83 0.00	51.79 2.72 0.00	54.09 2.86 0.00	75.24 3.39 0.00	79.63 3.97 0.00	85.72 4.45 0.00	80.87 3.86 0.00	84.22 3.84 0.00	152.65 6.72 0.00	112.61 4.28 0.00	139.71 3.59 0.00	65.80 1.82 0.00
KENSICO____ 23655	36.46 1.10 0.00	37.46 0.99 0.00	42.13 1.18 0.00	38.27 1.07 0.00	42.22 1.09 0.00	45.49 1.36 0.00	68.59 2.02 0.00	144.00 4.35 0.00	169.63 4.97 0.00	191.92 6.22 0.00	55.62 2.19 0.00	64.75 2.67 0.00	56.42 2.45 0.00	51.42 2.34 0.00	53.80 2.56 0.00	75.28 3.42 0.00	79.27 3.61 0.00	85.09 3.82 0.00	80.35 3.35 0.00	83.70 3.33 0.00	151.44 5.51 0.00	111.67 3.34 0.00	138.98 2.87 0.00	65.44 1.46 0.00

KERHONKS_69_KV_TR1_REV_LBMP_G 345021	36.47 1.11 0.00	37.53 1.06 0.00	42.28 1.33 0.00	38.39 1.19 0.00	42.37 1.25 0.00	45.66 1.53 0.00	69.00 2.42 0.00	145.02 5.36 0.00	170.89 6.22 0.00	193.37 7.67 0.00	55.89 2.46 0.00	65.06 2.97 0.00	56.67 2.70 0.00	51.54 2.47 0.00	54.03 2.80 0.00	75.58 3.73 0.00	79.53 3.87 0.00	85.62 4.34 0.00	80.98 3.98 0.00	84.47 4.09 0.00	152.98 7.05 0.00	112.76 4.43 0.00	140.57 4.45 0.00	66.08 2.10 0.00
KIAC_JFK_GT1 23816	36.75 1.39 0.00	37.65 1.18 0.00	42.28 1.33 0.00	38.38 1.18 0.00	42.32 1.20 0.00	45.63 1.50 0.00	68.66 2.08 0.00	143.48 3.83 0.00	168.93 4.27 0.00	191.07 5.38 0.00	55.47 2.01 -0.03	65.17 2.98 -0.10	56.72 2.74 0.00	51.72 2.65 0.00	54.10 2.86 0.00	75.70 3.85 0.00	79.57 3.90 0.00	85.04 3.76 0.00	80.37 3.36 0.00	83.79 3.41 0.00	151.29 5.36 0.00	111.34 3.00 0.00	138.28 2.16 0.00	65.16 1.18 0.00
KIAC_JFK_GT2 23817	36.75 1.39 0.00	37.65 1.18 0.00	42.28 1.33 0.00	38.38 1.18 0.00	42.32 1.20 0.00	45.63 1.50 0.00	68.66 2.08 0.00	143.48 3.83 0.00	168.93 4.27 0.00	191.07 5.38 0.00	55.47 2.01 -0.03	65.17 2.98 -0.10	56.72 2.74 0.00	51.72 2.65 0.00	54.10 2.86 0.00	75.70 3.85 0.00	79.57 3.90 0.00	85.04 3.76 0.00	80.37 3.36 0.00	83.79 3.41 0.00	151.29 5.36 0.00	111.34 3.00 0.00	138.28 2.16 0.00	65.16 1.18 0.00
KIAC_JFK____ 323774	36.74 1.38 0.00	37.65 1.18 0.00	42.28 1.33 0.00	38.38 1.18 0.00	42.32 1.20 0.00	45.64 1.51 0.00	68.65 2.07 0.00	143.48 3.83 0.00	168.93 4.27 0.00	191.06 5.36 0.00	55.47 2.02 -0.03	65.17 2.98 -0.10	56.73 2.75 0.00	51.72 2.64 0.00	54.09 2.86 0.00	75.69 3.84 0.00	79.59 3.92 0.00	85.04 3.77 0.00	80.38 3.37 0.00	83.78 3.40 0.00	151.29 5.36 0.00	111.34 3.01 0.00	138.29 2.17 0.00	65.16 1.17 0.00
KINTIGH_24_KV_GSU 356498	30.78 -2.84 1.74	33.34 -2.90 0.23	31.84 -3.18 5.93	24.33 -2.52 10.35	24.04 -2.55 14.53	30.31 -3.12 10.70	54.09 -4.87 7.61	116.76 -10.05 12.84	147.20 -12.31 5.15	168.39 -14.30 3.00	34.22 -4.48 14.72	45.65 -5.24 11.20	31.08 -5.18 17.72	28.69 -4.72 15.65	31.47 -4.90 14.86	42.16 -7.31 22.38	34.71 -7.51 33.45	30.50 -7.78 42.99	29.93 -6.89 40.18	32.99 -6.78 40.60	117.44 -12.45 16.04	84.47 -8.54 15.31	100.01 -9.66 26.45	40.65 -5.06 18.28
KINTIGH____ 23543	30.86 -2.86 1.64	33.32 -2.92 0.23	37.77 -3.18 0.00	34.68 -2.52 0.00	38.55 -2.57 0.00	41.01 -3.12 0.00	54.10 -4.95 7.52	118.55 -10.20 10.90	151.78 -14.40 0.34	168.29 -14.40 3.00	39.77 -4.54 9.11	46.83 -5.32 9.93	39.96 -5.17 8.85	35.58 -4.77 8.73	35.58 -4.94 10.71	51.37 -7.40 13.08	48.62 -7.49 19.55	44.91 -7.83 28.54	48.17 -6.94 21.89	55.26 -6.89 18.23	127.59 -12.37 5.97	99.75 -8.58 0.00	126.40 -9.71 0.00	58.90 -5.08 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	35.62 0.27 0.00	36.83 0.36 0.00	41.21 0.26 0.00	37.09 -0.11 0.00	40.90 -0.22 0.00	44.03 -0.10 0.00	66.23 -0.35 0.00	139.09 -0.56 0.00	164.28 -0.38 0.00	185.22 -0.48 0.00	53.15 -0.28 0.00	61.57 -0.52 0.00	53.44 -0.53 0.00	48.41 -0.66 0.00	50.30 -0.94 0.00	70.80 -1.06 0.00	74.67 -0.99 0.00	80.19 -1.08 0.00	75.60 -1.41 0.00	78.79 -1.58 0.00	144.01 -1.92 0.00	108.24 -0.08 0.00	137.68 1.56 0.00	71.83 1.11 -6.75
LACHUTE__HYDRO 323717	37.76 2.40 0.00	38.61 2.14 0.00	43.18 2.23 0.00	38.89 1.69 0.00	43.44 2.32 0.00	46.87 2.74 0.00	70.52 3.95 0.00	148.43 8.78 0.00	175.36 10.70 0.00	197.51 11.82 0.00	56.89 3.46 0.00	66.73 4.64 0.00	58.57 4.59 0.00	53.22 4.15 0.00	55.23 4.00 0.00	78.09 6.24 0.00	82.72 7.06 0.00	90.04 8.77 0.00	85.15 8.14 0.00	87.61 7.23 0.00	158.22 12.29 0.00	116.07 7.74 0.00	146.18 10.06 0.00	68.11 4.12 0.00
LAWRNCV_115KV_TB1 80681	35.34 -0.02 0.00	36.59 0.11 0.00	41.07 0.12 0.00	37.28 0.08 0.00	41.12 -0.01 0.00	44.24 0.11 0.00	66.29 -0.28 0.00	139.73 0.08 0.00	164.77 0.11 0.00	185.12 -0.57 0.00	52.81 -0.61 0.00	61.12 -0.97 0.00	52.82 -1.15 0.00	47.79 -1.28 0.00	49.86 -1.37 0.00	70.16 -1.69 0.00	73.67 -1.99 0.00	79.24 -2.03 0.00	75.16 -1.85 0.00	78.84 -1.54 0.00	143.47 -2.46 0.00	107.90 -0.43 0.00	136.69 0.57 0.00	406.12 0.79 -341.35
LEDERLE____ 23769	36.42 1.05 0.00	37.43 0.96 0.00	42.11 1.16 0.00	38.26 1.06 0.00	42.19 1.06 0.00	45.46 1.33 0.00	68.61 2.04 0.00	144.05 4.40 0.00	169.68 5.02 0.00	192.01 6.32 0.00	55.60 2.17 0.00	64.69 2.61 0.00	56.37 2.40 0.00	51.35 2.27 0.00	53.74 2.50 0.00	75.21 3.36 0.00	79.20 3.54 0.00	85.03 3.76 0.00	80.31 3.30 0.00	83.69 3.31 0.00	151.39 5.46 0.00	111.63 3.31 0.00	139.06 2.94 0.00	65.46 1.48 0.00
LIGHTHSE_115KV_TB6 355974	33.96 -1.40 0.00	35.05 -1.43 0.00	39.68 -1.27 0.00	36.16 -1.04 0.00	39.83 -1.30 0.00	42.76 -1.38 0.00	65.05 -1.53 0.00	137.01 -2.64 0.00	161.11 -3.55 0.00	181.15 -4.54 0.00	51.63 -1.79 0.00	59.65 -2.44 0.00	51.37 -2.61 0.00	46.40 -2.67 0.00	48.72 -2.52 0.00	68.69 -3.17 0.00	72.53 -3.14 0.00	78.35 -2.93 0.00	75.58 -1.43 0.00	79.70 -0.67 0.00	145.79 -0.13 0.00	108.92 0.59 0.00	136.15 0.03 0.00	117.36 -0.11 -53.48
LINDEN COGEN____ 23786	36.54 1.18 0.00	37.53 1.06 0.00	42.19 1.24 0.00	38.32 1.12 0.00	42.24 1.12 0.00	45.54 1.41 0.00	68.57 2.00 0.00	143.34 4.31 0.63	167.98 4.98 1.66	189.60 6.22 2.31	52.65 2.24 3.02	57.86 2.76 6.99	53.36 2.55 3.17	51.49 2.44 0.03	53.32 2.68 0.59	75.42 3.57 0.01	-32.72 3.78 112.17	64.78 3.97 20.46	62.66 3.45 17.79	67.31 3.43 16.50	127.34 5.57 24.16	91.74 3.35 19.94	118.25 2.61 20.47	60.88 1.41 4.52
LINDHRST_69_KV_BK1 356055	37.19 1.83 0.00	38.08 1.61 0.00	42.72 1.77 0.00	38.79 1.58 0.00	42.82 1.70 0.00	46.29 2.16 0.00	69.27 2.70 0.00	145.64 5.99 0.00	171.25 6.59 0.00	194.47 8.78 0.00	56.68 3.23 -0.02	65.98 3.81 -0.08	57.16 3.18 0.00	52.19 3.12 0.00	54.76 3.52 0.00	76.08 4.23 0.00	80.37 4.71 0.00	86.24 4.96 0.00	81.23 4.22 0.00	84.50 4.12 0.00	153.80 7.87 0.00	113.87 5.54 0.00	140.42 4.30 0.00	66.12 2.14 0.00
LIPA_MISC_IPP 23656	37.02 1.66 0.00	37.86 1.39 0.00	42.51 1.56 0.00	38.60 1.40 0.00	42.64 1.52 0.00	46.12 1.99 0.00	68.79 2.21 0.00	143.93 4.28 0.00	168.88 4.22 0.00	192.18 6.49 0.00	56.62 3.17 -0.02	66.14 3.97 -0.08	57.13 3.15 0.00	52.12 3.05 0.00	54.65 3.42 0.00	76.09 4.24 0.00	80.47 4.81 0.00	85.77 4.49 0.00	80.70 3.70 0.00	83.53 3.15 0.00	152.72 6.79 0.00	114.28 5.95 0.00	139.83 3.72 0.00	65.51 1.53 0.00
LISF__SOLAR 323691	37.08 1.72 0.00	37.92 1.44 0.00	42.58 1.63 0.00	38.65 1.45 0.00	42.70 1.58 0.00	46.21 2.08 0.00	68.89 2.31 0.00	144.18 4.53 0.00	169.15 4.49 0.00	192.57 6.87 0.00	56.72 3.27 -0.02	66.27 4.10 -0.08	57.26 3.28 0.00	52.21 3.14 0.00	54.79 3.56 0.00	76.26 4.41 0.00	80.63 4.97 0.00	86.00 4.73 0.00	80.92 3.92 0.00	83.73 3.35 0.00	153.10 7.17 0.00	114.55 6.22 0.00	140.15 4.03 0.00	65.66 1.68 0.00

LITTLE FALLS___HYD 24013	35.43 0.07 0.00	36.35 -0.12 0.00	40.66 -0.29 0.00	36.86 -0.34 0.00	40.89 -0.23 0.00	43.87 -0.26 0.00	66.43 -0.15 0.00	139.03 -0.61 0.00	164.00 -0.67 0.00	184.99 -0.70 0.00	53.10 -0.32 0.00	62.06 -0.02 0.00	54.17 0.20 0.00	49.19 0.12 0.00	51.28 0.05 0.00	72.53 0.67 0.00	76.74 1.08 0.00	82.39 1.11 0.00	77.99 0.98 0.00	81.18 0.80 0.00	147.35 1.42 0.00	108.63 0.30 0.00	135.97 -0.15 0.00	72.42 -0.25 -8.69
LITTLRIV_115KV_TB1 356100	35.78 0.42 0.00	37.03 0.56 0.00	41.52 0.58 0.00	37.72 0.52 0.00	41.61 0.49 0.00	44.81 0.67 0.00	67.21 0.64 0.00	141.83 2.18 0.00	167.36 2.70 0.00	187.81 2.12 0.00	53.31 -0.12 0.00	61.60 -0.49 0.00	53.09 -0.89 0.00	47.91 -1.17 0.00	50.02 -1.22 0.00	70.50 -1.35 0.00	74.13 -1.54 0.00	79.99 -1.29 0.00	76.04 -0.96 0.00	79.89 -0.49 0.00	145.33 -0.61 0.00	109.24 0.91 0.00	138.41 2.30 0.00	391.93 1.61 -326.34
LI_NEWBRDGE___DRP 323616	36.56 1.20 0.00	37.47 1.00 0.00	42.09 1.14 0.00	38.22 1.02 0.00	42.19 1.07 0.00	45.55 1.42 0.00	68.19 1.62 0.00	143.22 3.57 0.00	168.46 3.80 0.00	191.12 5.43 0.00	55.77 2.32 -0.02	64.93 2.76 -0.08	56.31 2.34 0.00	51.42 2.34 0.00	53.86 2.63 0.00	74.98 3.12 0.00	79.21 3.55 0.00	84.98 3.70 0.00	80.11 3.10 0.00	83.34 2.96 0.00	151.35 5.42 0.00	111.80 3.47 0.00	138.30 2.18 0.00	65.18 1.20 0.00
LOCKPORT_115KV_TB60_63_64 80432	30.51 -2.88 1.98	33.25 -2.94 0.28	37.63 -3.32 0.00	34.62 -2.58 0.00	38.50 -2.62 0.00	40.90 -3.23 0.00	52.34 -5.14 9.09	116.06 -10.42 13.17	151.39 -12.86 0.41	167.19 -14.87 3.63	37.66 -4.74 11.02	44.36 -5.73 12.00	37.59 -5.69 10.69	33.16 -5.36 10.55	32.74 -5.55 12.94	47.72 -8.33 15.80	44.32 -8.55 22.80	39.97 -8.85 32.45	43.94 -7.72 25.34	51.25 -7.63 21.50	125.00 -13.71 7.22	98.99 -9.34 0.00	125.59 -10.53 0.00	58.45 -5.53 0.00
LOCKPORT___CC1 323769	30.20 -2.93 2.23	33.19 -2.98 0.30	31.50 -3.36 6.09	23.95 -2.62 10.62	23.57 -2.64 14.91	29.88 -3.27 10.98	51.53 -5.16 9.89	112.94 -10.52 16.19	146.32 -12.93 5.41	166.81 -15.01 3.88	31.04 -4.77 17.61	42.05 -5.80 14.23	27.46 -5.89 20.62	25.12 -5.49 18.47	27.35 -5.68 18.20	36.78 -8.50 26.57	28.55 -8.81 38.30	23.56 -9.08 48.64	23.66 -7.97 45.38	26.77 -7.81 45.79	113.57 -14.25 18.11	82.95 -9.66 15.71	98.06 -10.92 27.14	39.54 -5.69 18.75
LOCKPORT___CC2 323770	30.20 -2.93 2.23	33.19 -2.98 0.30	31.50 -3.36 6.09	23.95 -2.62 10.62	23.57 -2.64 14.91	29.88 -3.27 10.98	51.53 -5.16 9.89	112.94 -10.52 16.19	146.32 -12.93 5.41	166.81 -15.01 3.88	31.04 -4.77 17.61	42.05 -5.80 14.23	27.46 -5.89 20.62	25.12 -5.49 18.47	27.35 -5.68 18.20	36.78 -8.50 26.57	28.55 -8.81 38.30	23.56 -9.08 48.64	23.66 -7.97 45.38	26.77 -7.81 45.79	113.57 -14.25 18.11	82.95 -9.66 15.71	98.06 -10.92 27.14	39.54 -5.69 18.75
LOCKPORT___CC3 323771	30.20 -2.93 2.23	33.19 -2.98 0.30	31.50 -3.36 6.09	23.95 -2.62 10.62	23.57 -2.64 14.91	29.88 -3.27 10.98	51.53 -5.16 9.89	112.94 -10.52 16.19	146.32 -12.93 5.41	166.81 -15.01 3.88	31.04 -4.77 17.61	42.05 -5.80 14.23	27.46 -5.89 20.62	25.12 -5.49 18.47	27.35 -5.68 18.20	36.78 -8.50 26.57	28.55 -8.81 38.30	23.56 -9.08 48.64	23.66 -7.97 45.38	26.77 -7.81 45.79	113.57 -14.25 18.11	82.95 -9.66 15.71	98.06 -10.92 27.14	39.54 -5.69 18.75
LOCUSVLY_69_KV_BK2 55797	36.85 1.49 0.00	37.78 1.31 0.00	42.45 1.50 0.00	38.55 1.35 0.00	42.55 1.43 0.00	45.93 1.79 0.00	68.91 2.34 0.00	144.77 5.12 0.00	170.44 5.78 0.00	193.29 7.60 0.00	56.31 2.86 -0.02	65.58 3.41 -0.08	56.91 2.94 0.00	51.94 2.87 0.00	54.34 3.10 0.00	75.65 3.80 0.00	79.97 4.30 0.00	85.91 4.64 0.00	81.05 4.05 0.00	84.39 4.01 0.00	153.15 7.22 0.00	112.99 4.66 0.00	139.87 3.76 0.00	65.93 1.94 0.00
LONG LAKE PHOENIX 24014	34.14 -1.22 0.00	35.14 -1.33 0.00	39.47 -1.48 0.00	35.89 -1.31 0.00	39.72 -1.41 0.00	42.64 -1.49 0.00	64.58 -2.00 0.00	135.85 -3.80 0.00	160.16 -4.50 0.00	180.64 -5.05 0.00	51.82 -1.61 0.00	60.15 -1.93 0.00	52.14 -1.83 0.00	47.35 -1.72 0.00	49.57 -1.66 0.00	69.53 -2.32 0.00	73.29 -2.38 0.00	78.86 -2.41 0.00	75.05 -1.96 0.00	78.46 -1.92 0.00	142.52 -3.41 0.00	105.70 -2.63 0.00	132.57 -3.55 0.00	78.36 -1.78 -16.16
LOVETT___3 23632	36.27 0.91 0.00	37.27 0.80 0.00	41.94 0.99 0.00	38.09 0.89 0.00	42.01 0.89 0.00	45.26 1.13 0.00	68.28 1.70 0.00	143.33 3.68 0.00	168.73 4.07 0.00	190.94 5.25 0.00	55.30 1.88 0.00	64.36 2.27 0.00	56.09 2.12 0.00	51.08 2.01 0.00	53.45 2.22 0.00	74.82 2.97 0.00	78.77 3.11 0.00	84.56 3.29 0.00	79.86 2.85 0.00	83.22 2.84 0.00	150.53 4.60 0.00	111.01 2.68 0.00	138.33 2.21 0.00	65.12 1.14 0.00
LOVETT___4 23642	36.27 0.91 0.00	37.27 0.80 0.00	41.94 0.99 0.00	38.09 0.89 0.00	42.01 0.89 0.00	45.26 1.13 0.00	68.28 1.70 0.00	143.33 3.68 0.00	168.73 4.07 0.00	190.94 5.25 0.00	55.30 1.88 0.00	64.36 2.27 0.00	56.09 2.12 0.00	51.08 2.01 0.00	53.45 2.22 0.00	74.82 2.97 0.00	78.77 3.11 0.00	84.56 3.29 0.00	79.86 2.85 0.00	83.22 2.84 0.00	150.53 4.60 0.00	111.01 2.68 0.00	138.33 2.21 0.00	65.12 1.14 0.00
LOVETT___5 23593	36.27 0.91 0.00	37.27 0.80 0.00	41.94 0.99 0.00	38.09 0.89 0.00	42.01 0.89 0.00	45.26 1.13 0.00	68.28 1.70 0.00	143.33 3.68 0.00	168.73 4.07 0.00	190.94 5.25 0.00	55.30 1.88 0.00	64.36 2.27 0.00	56.09 2.12 0.00	51.08 2.01 0.00	53.45 2.22 0.00	74.82 2.97 0.00	78.77 3.11 0.00	84.56 3.29 0.00	79.86 2.85 0.00	83.22 2.84 0.00	150.53 4.60 0.00	111.01 2.68 0.00	138.33 2.21 0.00	65.12 1.14 0.00
LOWER RAQUET___HYD 24057	35.21 -0.15 0.00	36.46 -0.01 0.00	40.95 0.00 0.00	37.17 -0.03 0.00	40.99 -0.13 0.00	44.10 -0.04 0.00	66.07 -0.51 0.00	139.32 -0.34 0.00	164.30 -0.36 0.00	184.55 -1.14 0.00	52.61 -0.81 0.00	60.87 -1.22 0.00	52.58 -1.39 0.00	47.54 -1.53 0.00	49.61 -1.63 0.00	69.85 -2.01 0.00	73.30 -2.37 0.00	78.84 -2.44 0.00	74.77 -2.24 0.00	78.47 -1.91 0.00	142.87 -3.06 0.00	107.57 -0.75 0.00	136.35 0.24 0.00	376.90 0.69 -312.23
LOWER___HUDSON 24059	36.16 0.80 0.00	37.30 0.83 0.00	41.86 0.92 0.00	37.98 0.78 0.00	42.06 0.94 0.00	45.04 0.91 0.00	67.92 1.35 0.00	141.83 2.18 0.00	167.34 2.68 0.00	188.51 2.82 0.00	54.43 1.01 0.00	63.40 1.32 0.00	55.40 1.42 0.00	50.43 1.36 0.00	52.58 1.35 0.00	74.04 2.18 0.00	77.94 2.27 0.00	83.54 2.27 0.00	78.99 1.98 0.00	82.13 1.75 0.00	148.72 2.79 0.00	110.18 1.86 0.00	138.55 2.43 0.00	64.95 0.97 0.00
LOWVILLE_115KV_TB2 356335	34.11 -1.25 0.00	35.52 -0.96 0.00	40.78 -0.17 0.00	37.22 0.02 0.00	40.70 -0.43 0.00	43.33 -0.80 0.00	65.51 -1.06 0.00	137.72 -1.93 0.00	161.71 -2.95 0.00	181.60 -4.10 0.00	51.90 -1.53 0.00	60.06 -2.03 0.00	51.31 -2.66 0.00	46.32 -2.75 0.00	48.69 -2.54 0.00	68.95 -2.90 0.00	72.88 -2.79 0.00	78.62 -2.65 0.00	75.58 -1.43 0.00	80.00 -0.37 0.00	146.73 0.80 0.00	110.38 2.05 0.00	138.10 1.98 0.00	159.32 1.01 -94.33

LUTHERFT_115KV_GLOB_FND_222 355753	36.63 1.27 0.00	37.76 1.28 0.00	42.36 1.42 0.00	38.44 1.24 0.00	42.58 1.46 0.00	45.66 1.53 0.00	68.97 2.39 0.00	144.37 4.72 0.00	170.24 5.57 0.00	191.80 6.11 0.00	55.27 1.84 0.00	64.35 2.27 0.00	56.22 2.25 0.00	51.13 2.05 0.00	53.31 2.08 0.00	75.10 3.25 0.00	79.15 3.49 0.00	85.10 3.82 0.00	80.53 3.53 0.00	83.76 3.38 0.00	151.73 5.80 0.00	112.16 3.84 0.00	140.68 4.56 0.00	65.88 1.89 0.00
LUTHERNY_35_KV_BK2 355980	36.65 1.29 0.00	37.79 1.32 0.00	42.38 1.44 0.00	38.45 1.25 0.00	42.61 1.49 0.00	45.69 1.56 0.00	69.00 2.42 0.00	144.40 4.75 0.00	170.33 5.67 0.00	191.88 6.18 0.00	55.30 1.88 0.00	64.39 2.31 0.00	56.24 2.27 0.00	51.16 2.09 0.00	53.35 2.12 0.00	75.15 3.30 0.00	79.20 3.54 0.00	85.14 3.87 0.00	80.61 3.60 0.00	83.84 3.46 0.00	151.87 5.94 0.00	112.26 3.93 0.00	140.80 4.68 0.00	65.92 1.94 0.00
LWR__OSWEGATCHIE_HYD 23850	34.38 -0.98 0.00	35.65 -0.82 0.00	40.45 -0.50 0.00	36.81 -0.39 0.00	40.44 -0.68 0.00	43.33 -0.80 0.00	65.29 -1.28 0.00	137.51 -2.14 0.00	161.78 -2.88 0.00	181.64 -4.05 0.00	51.78 -1.65 0.00	59.86 -2.23 0.00	51.44 -2.54 0.00	46.43 -2.65 0.00	48.65 -2.59 0.00	68.68 -3.17 0.00	72.35 -3.31 0.00	77.98 -3.30 0.00	74.59 -2.41 0.00	78.66 -1.72 0.00	143.81 -2.12 0.00	108.25 -0.08 0.00	136.21 0.10 0.00	279.63 -0.33 -215.32
LYONS_FALL_HYD 23570	34.79 -0.57 0.00	36.08 -0.39 0.00	41.07 0.13 0.00	37.43 0.23 0.00	41.10 -0.02 0.00	43.92 -0.21 0.00	66.50 -0.07 0.00	139.73 0.08 0.00	164.33 -0.33 0.00	184.85 -0.84 0.00	52.98 -0.45 0.00	61.35 -0.74 0.00	52.76 -1.21 0.00	47.71 -1.37 0.00	50.03 -1.20 0.00	70.66 -1.20 0.00	74.61 -1.05 0.00	80.43 -0.85 0.00	76.93 -0.08 0.00	81.04 0.66 0.00	147.98 2.05 0.00	110.66 2.33 0.00	138.57 2.45 0.00	127.98 1.15 -62.85
MADISON__COUNTY_LFGE 323628	35.74 0.38 0.00	36.87 0.39 0.00	41.49 0.55 0.00	37.75 0.55 0.00	41.72 0.59 0.00	44.79 0.66 0.00	67.99 1.41 0.00	142.89 3.24 0.00	168.38 3.72 0.00	189.80 4.11 0.00	54.58 1.16 0.00	63.23 1.15 0.00	54.75 0.78 0.00	49.60 0.53 0.00	51.89 0.66 0.00	73.13 1.28 0.00	77.17 1.50 0.00	83.02 1.74 0.00	78.92 1.92 0.00	82.72 2.34 0.00	150.15 4.22 0.00	111.21 2.89 0.00	139.51 3.39 0.00	84.35 1.48 -18.88
MALONE__115KV_TB1 356076	35.41 0.05 0.00	36.62 0.15 0.00	40.96 0.01 0.00	36.97 -0.23 0.00	40.75 -0.37 0.00	43.95 -0.18 0.00	66.01 -0.57 0.00	139.22 -0.43 0.00	164.42 -0.24 0.00	185.11 -0.58 0.00	52.97 -0.46 0.00	61.32 -0.77 0.00	53.16 -0.81 0.00	48.14 -0.94 0.00	50.11 -1.12 0.00	70.63 -1.23 0.00	74.44 -1.22 0.00	80.10 -1.17 0.00	75.85 -1.16 0.00	79.39 -0.98 0.00	144.82 -1.11 0.00	108.88 0.55 0.00	137.99 1.88 0.00	177.85 1.24 -112.63
MAPLEWOD_115KV_TB3 80458	36.25 0.89 0.00	37.38 0.91 0.00	41.94 0.99 0.00	38.09 0.89 0.00	42.14 1.02 0.00	45.15 1.02 0.00	68.10 1.53 0.00	142.44 2.79 0.00	168.05 3.39 0.00	189.52 3.83 0.00	54.71 1.28 0.00	63.69 1.61 0.00	55.63 1.65 0.00	50.64 1.56 0.00	52.82 1.59 0.00	74.28 2.42 0.00	78.19 2.53 0.00	83.86 2.59 0.00	79.28 2.27 0.00	82.54 2.16 0.00	149.49 3.56 0.00	110.76 2.43 0.00	139.16 3.04 0.00	65.35 1.36 0.00
MAPLE_RIDGE_WT_1 323574	35.27 -0.09 0.00	36.41 -0.06 0.00	40.85 -0.10 0.00	37.09 -0.11 0.00	40.99 -0.14 0.00	44.00 -0.13 0.00	66.32 -0.25 0.00	139.10 -0.55 0.00	164.06 -0.60 0.00	184.94 -0.75 0.00	53.18 -0.25 0.00	61.78 -0.31 0.00	53.69 -0.29 0.00	48.78 -0.29 0.00	50.93 -0.31 0.00	71.43 -0.43 0.00	75.23 -0.43 0.00	80.84 -0.44 0.00	76.57 -0.43 0.00	79.93 -0.45 0.00	145.21 -0.72 0.00	107.97 -0.36 0.00	135.83 -0.29 0.00	57.45 -0.08 6.45
MAPLE_RIDGE_WT_2 323611	35.27 -0.09 0.00	36.41 -0.06 0.00	40.85 -0.10 0.00	37.09 -0.11 0.00	40.99 -0.14 0.00	44.00 -0.13 0.00	66.32 -0.25 0.00	139.10 -0.55 0.00	164.06 -0.60 0.00	184.94 -0.75 0.00	53.18 -0.25 0.00	61.78 -0.31 0.00	53.69 -0.29 0.00	48.78 -0.29 0.00	50.93 -0.31 0.00	71.43 -0.43 0.00	75.23 -0.43 0.00	80.84 -0.44 0.00	76.57 -0.43 0.00	79.93 -0.45 0.00	145.21 -0.72 0.00	107.97 -0.36 0.00	135.83 -0.29 0.00	57.45 -0.08 6.45
MARBLE_RIVER_WT_PWR 323696	35.18 -0.18 0.00	36.39 -0.08 0.00	40.69 -0.26 0.00	36.63 -0.57 0.00	40.36 -0.77 0.00	43.43 -0.71 0.00	65.30 -1.27 0.00	136.94 -2.71 0.00	161.71 -2.95 0.00	182.32 -3.38 0.00	52.32 -1.11 0.00	60.62 -1.46 0.00	52.66 -1.31 0.00	47.76 -1.31 0.00	49.73 -1.51 0.00	69.95 -1.91 0.00	73.67 -1.99 0.00	79.12 -2.16 0.00	74.75 -2.25 0.00	77.94 -2.44 0.00	142.37 -3.56 0.00	106.97 -1.36 0.00	135.63 -0.49 0.00	57.15 0.05 6.88
MARSHVLE_115KV_TB1 80742	36.24 0.88 0.00	37.19 0.72 0.00	41.74 0.79 0.00	38.03 0.84 0.00	42.07 0.95 0.00	45.27 1.14 0.00	68.44 1.87 0.00	144.41 4.76 0.00	170.10 5.44 0.00	191.02 5.33 0.00	54.78 1.35 0.00	63.39 1.31 0.00	54.86 0.89 0.00	49.68 0.61 0.00	51.74 0.51 0.00	72.96 1.10 0.00	77.32 1.66 0.00	83.60 2.33 0.00	79.50 2.50 0.00	83.44 3.06 0.00	151.59 5.66 0.00	112.45 4.13 0.00	140.95 4.83 0.00	66.33 2.35 0.00
MARSH_HILL_WT_PWR 323713	38.99 -4.17 -7.80	33.31 -4.27 -1.11	36.09 -4.86 0.00	32.98 -4.23 0.00	36.78 -4.35 0.00	39.35 -4.78 0.00	96.10 -6.91 -36.44	177.82 -14.62 -52.79	149.27 -18.85 -3.46	181.96 -21.25 -17.53	92.83 -5.76 -45.17	103.05 -7.02 -47.98	90.36 -6.37 -42.75	85.70 -5.55 -42.18	97.59 -5.39 -51.75	126.99 -8.06 -63.20	98.73 -9.01 -32.08	60.36 -9.60 11.32	90.94 -8.36 -22.29	120.54 -8.14 -48.30	161.46 -13.35 -28.89	100.40 -7.93 0.00	129.83 -6.29 0.00	61.04 -2.94 0.00
MCINTYRE_115KV_TB2 80467	36.28 0.92 0.00	37.53 1.06 0.00	42.06 1.11 0.00	38.20 1.01 0.00	42.17 1.04 0.00	45.46 1.32 0.00	68.21 1.64 0.00	143.69 4.04 0.00	169.50 4.83 0.00	190.04 4.34 0.00	53.94 0.51 0.00	62.26 0.17 0.00	53.60 -0.38 0.00	48.33 -0.74 0.00	50.46 -0.77 0.00	71.16 -0.70 0.00	74.95 -0.72 0.00	81.11 -0.17 0.00	77.22 0.22 0.00	81.16 0.78 0.00	147.51 1.58 0.00	110.71 2.38 0.00	140.12 4.00 0.00	415.36 2.36 -349.02
MECO____69_KV_BK1 80468	36.81 1.45 0.00	37.84 1.37 0.00	42.46 1.51 0.00	38.64 1.44 0.00	42.79 1.66 0.00	46.04 1.91 0.00	69.76 3.19 0.00	147.08 7.43 0.00	173.26 8.60 0.00	194.45 8.76 0.00	55.68 2.25 0.00	64.55 2.46 0.00	55.87 1.90 0.00	50.51 1.44 0.00	52.60 1.36 0.00	74.40 2.55 0.00	78.92 3.26 0.00	85.41 4.13 0.00	81.20 4.20 0.00	85.16 4.78 0.00	154.58 8.64 0.00	114.42 6.09 0.00	143.29 7.17 0.00	67.30 3.31 0.00
MENANDS__115KV_TB5 355628	36.19 0.82 0.00	37.31 0.85 0.00	41.88 0.94 0.00	38.03 0.83 0.00	42.07 0.95 0.00	45.06 0.93 0.00	67.93 1.36 0.00	142.00 2.35 0.00	167.56 2.90 0.00	188.97 3.28 0.00	54.58 1.15 0.00	63.55 1.47 0.00	55.50 1.52 0.00	50.52 1.45 0.00	52.73 1.49 0.00	74.11 2.25 0.00	77.99 2.32 0.00	83.62 2.34 0.00	79.03 2.02 0.00	82.22 1.85 0.00	148.92 2.99 0.00	110.36 2.03 0.00	138.72 2.60 0.00	65.17 1.19 0.00

MG INDUSTRY___DRP 24185	36.14 0.78 0.00	37.30 0.83 0.00	41.87 0.92 0.00	38.03 0.83 0.00	42.07 0.95 0.00	45.08 0.95 0.00	67.98 1.41 0.00	142.12 2.46 0.00	167.71 3.05 0.00	189.01 3.32 0.00	54.50 1.08 0.00	63.44 1.35 0.00	55.33 1.35 0.00	50.36 1.28 0.00	52.57 1.34 0.00	73.84 1.99 0.00	77.75 2.09 0.00	83.45 2.17 0.00	78.95 1.95 0.00	82.24 1.86 0.00	149.04 3.11 0.00	110.47 2.14 0.00	138.75 2.64 0.00	65.22 1.24 0.00
MID___OSWEGATCHIE_HYD 23849	34.38 -0.98 0.00	35.65 -0.82 0.00	40.45 -0.50 0.00	36.81 -0.39 0.00	40.44 -0.68 0.00	43.33 -0.80 0.00	65.29 -1.28 0.00	137.51 -2.14 0.00	161.78 -2.88 0.00	181.64 -4.05 0.00	51.78 -1.65 0.00	59.86 -2.23 0.00	51.44 -2.54 0.00	46.43 -2.65 0.00	48.65 -2.59 0.00	68.68 -3.17 0.00	72.35 -3.31 0.00	77.98 -3.30 0.00	74.59 -2.41 0.00	78.66 -1.72 0.00	143.81 -2.12 0.00	108.25 -0.08 0.00	136.21 0.10 0.00	279.63 0.33 -215.32
MID___RAQUETTE_HYD 23851	35.21 -0.15 0.00	36.46 -0.01 0.00	40.95 0.00 0.00	37.17 -0.03 0.00	40.99 -0.13 0.00	44.09 -0.04 0.00	66.07 -0.51 0.00	139.32 -0.33 0.00	164.34 -0.32 0.00	184.57 -1.12 0.00	52.61 -0.81 0.00	60.87 -1.22 0.00	52.58 -1.39 0.00	47.55 -1.53 0.00	49.61 -1.62 0.00	69.84 -2.01 0.00	73.30 -2.36 0.00	78.83 -2.44 0.00	74.76 -2.25 0.00	78.47 -1.91 0.00	142.87 -3.07 0.00	107.55 -0.77 0.00	136.35 0.23 0.00	376.90 0.69 -312.23
MILLIKEN___1 23584	35.80 -0.11 -0.55	36.42 -0.13 -0.08	40.71 -0.23 0.00	37.01 -0.18 0.00	40.94 -0.18 0.00	44.09 -0.04 0.00	69.36 0.34 -2.44	144.55 1.35 -3.54	166.07 1.29 -0.12	188.19 1.44 -1.06	56.54 0.18 -2.94	65.35 0.10 -3.16	56.67 -0.12 -2.82	51.72 -0.14 -2.78	54.68 0.03 -3.41	76.15 0.13 -4.17	107.79 0.38 -31.75	147.40 0.53 -65.59	117.93 0.73 -40.20	103.46 0.87 -22.21	149.91 2.06 -1.92	109.55 1.22 0.00	137.62 1.50 0.00	64.59 0.60 0.00
MILLIKEN___2 23585	35.80 -0.11 -0.55	36.42 -0.13 -0.08	40.71 -0.23 0.00	37.01 -0.18 0.00	40.94 -0.18 0.00	44.09 -0.04 0.00	69.36 0.34 -2.44	144.55 1.35 -3.54	166.07 1.29 -0.12	188.19 1.44 -1.06	56.54 0.18 -2.94	65.35 0.10 -3.16	56.67 -0.12 -2.82	51.72 -0.14 -2.78	54.68 0.03 -3.41	76.15 0.13 -4.17	107.79 0.38 -31.75	147.40 0.53 -65.59	117.93 0.73 -40.20	103.46 0.87 -22.21	149.91 2.06 -1.92	109.55 1.22 0.00	137.62 1.50 0.00	64.59 0.60 0.00
MILLIKEN___DIESEL 23629	35.80 -0.11 -0.55	36.42 -0.13 -0.08	40.71 -0.23 0.00	37.01 -0.18 0.00	40.94 -0.18 0.00	44.09 -0.04 0.00	69.36 0.34 -2.44	144.55 1.35 -3.54	166.07 1.29 -0.12	188.19 1.44 -1.06	56.54 0.18 -2.94	65.35 0.10 -3.16	56.67 -0.12 -2.82	51.72 -0.14 -2.78	54.68 0.03 -3.41	76.15 0.13 -4.17	107.79 0.38 -31.75	147.40 0.53 -65.59	117.93 0.73 -40.20	103.46 0.87 -22.21	149.91 2.06 -1.92	109.55 1.22 0.00	137.62 1.50 0.00	64.59 0.60 0.00
MILLSEAT___LFGE 323607	31.63 -2.01 1.72	34.17 -2.07 0.23	33.18 -2.34 5.43	25.98 -1.74 9.48	26.16 -1.66 13.30	32.27 -2.07 9.79	55.97 -3.06 7.54	121.34 -5.72 12.59	152.66 -7.24 4.76	174.12 -8.59 2.98	36.35 -2.90 14.18	47.48 -3.59 11.01	33.10 -3.98 16.89	30.43 -3.65 15.00	33.05 -3.76 14.42	44.45 -5.92 21.48	37.01 -6.33 32.32	32.86 -6.39 42.02	33.18 -5.08 38.74	37.05 -4.63 38.70	122.27 -8.51 15.14	88.62 -5.69 14.01	105.54 -6.36 24.21	43.68 -3.58 16.73
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	36.38 1.02 0.00	37.38 0.91 0.00	42.06 1.11 0.00	38.20 1.00 0.00	42.14 1.02 0.00	45.41 1.28 0.00	68.46 1.89 0.00	143.73 4.08 0.00	169.30 4.65 0.00	191.53 5.84 0.00	55.49 2.07 0.00	64.60 2.51 0.00	56.30 2.32 0.00	51.28 2.21 0.00	53.66 2.43 0.00	75.11 3.25 0.00	79.07 3.41 0.00	84.91 3.63 0.00	80.17 3.16 0.00	83.53 3.15 0.00	151.11 5.18 0.00	111.44 3.11 0.00	138.76 2.64 0.00	65.32 1.34 0.00
MILLWOOD_13_KV_LOAD 356217	36.44 1.08 0.00	37.45 0.98 0.00	42.12 1.18 0.00	38.27 1.07 0.00	42.21 1.08 0.00	45.49 1.35 0.00	68.60 2.02 0.00	144.02 4.36 0.00	169.66 5.00 0.00	191.97 6.27 0.00	55.62 2.19 0.00	64.75 2.67 0.00	56.42 2.45 0.00	51.41 2.33 0.00	53.79 2.55 0.00	75.28 3.42 0.00	79.28 3.62 0.00	85.10 3.83 0.00	80.38 3.38 0.00	83.74 3.36 0.00	151.53 5.60 0.00	111.73 3.40 0.00	139.06 2.94 0.00	65.46 1.48 0.00
MODEL_CITY_ENERGY 24167	29.98 -3.17 2.20	32.92 -3.25 0.30	30.80 -3.73 6.42	23.05 -2.94 11.21	22.36 -3.03 15.73	28.87 -3.68 11.58	51.04 -5.79 9.74	111.57 -12.01 16.08	144.27 -14.70 5.69	164.72 -17.10 3.87	30.35 -5.31 17.76	41.62 -6.36 14.10	26.69 -6.34 20.94	24.55 -5.84 18.69	27.01 -6.00 18.22	36.08 -8.94 26.83	27.37 -9.27 39.03	22.09 -9.59 49.60	22.08 -8.51 46.42	25.09 -8.39 46.90	112.05 -15.32 18.56	81.29 -10.46 16.57	95.56 -11.92 28.63	38.09 -6.11 19.78
MODERN_LFGE___ 323580	29.98 -3.17 2.20	32.92 -3.25 0.30	30.80 -3.73 6.42	23.05 -2.94 11.21	22.36 -3.03 15.73	28.87 -3.68 11.58	51.04 -5.79 9.74	111.57 -12.01 16.08	144.27 -14.70 5.69	164.72 -17.10 3.87	30.35 -5.31 17.76	41.62 -6.36 14.10	26.69 -6.34 20.94	24.55 -5.84 18.69	27.01 -6.00 18.22	36.08 -8.94 26.83	27.37 -9.27 39.03	22.09 -9.59 49.60	22.08 -8.51 46.42	25.09 -8.39 46.90	112.05 -15.32 18.56	81.29 -10.46 16.57	95.56 -11.92 28.63	38.09 -6.11 19.78
MOHAWK_PAPER___DRP 24187	36.25 0.89 0.00	37.38 0.91 0.00	41.94 0.99 0.00	38.09 0.89 0.00	42.14 1.02 0.00	45.15 1.02 0.00	68.10 1.53 0.00	142.44 2.79 0.00	168.05 3.39 0.00	189.52 3.83 0.00	54.71 1.28 0.00	63.69 1.61 0.00	55.63 1.65 0.00	50.64 1.56 0.00	52.82 1.59 0.00	74.28 2.42 0.00	78.19 2.53 0.00	83.86 2.59 0.00	79.28 2.27 0.00	82.54 2.16 0.00	149.49 3.56 0.00	110.76 2.43 0.00	139.16 3.04 0.00	65.35 1.36 0.00
MOHICAN_35_KV_115KV_LD 80490	36.99 1.63 0.00	38.06 1.59 0.00	42.69 1.74 0.00	38.67 1.47 0.00	42.95 1.83 0.00	46.13 2.00 0.00	69.65 3.07 0.00	145.69 6.04 0.00	171.91 7.25 0.00	193.53 7.84 0.00	55.74 2.31 0.00	65.03 2.94 0.00	56.88 2.91 0.00	51.74 2.67 0.00	53.88 2.65 0.00	76.01 4.16 0.00	80.17 4.50 0.00	86.46 5.18 0.00	81.87 4.87 0.00	84.96 4.59 0.00	153.81 7.87 0.00	113.25 4.93 0.00	141.80 5.68 0.00	66.16 2.18 0.00
MONGAUP___HYD 23641	36.28 0.92 0.00	37.37 0.90 0.00	42.11 1.17 0.00	38.24 1.04 0.00	42.22 1.09 0.00	45.44 1.31 0.00	68.69 2.12 0.00	144.22 4.57 0.00	169.89 5.23 0.00	191.96 6.27 0.00	55.31 1.89 0.00	64.39 2.30 0.00	56.05 2.07 0.00	50.92 1.85 0.00	53.35 2.12 0.00	74.61 2.76 0.00	78.55 2.89 0.00	84.57 3.29 0.00	79.65 2.64 0.00	83.30 2.93 0.00	150.94 5.01 0.00	112.08 3.75 0.00	139.62 3.50 0.00	65.62 1.64 0.00
MONTAUK___DIESEL 23721	37.80 2.44 0.00	38.62 2.14 0.00	43.36 2.41 0.00	39.38 2.18 0.00	43.55 2.42 0.00	47.14 3.01 0.00	70.43 3.85 0.00	147.44 7.79 0.00	172.80 8.14 0.00	196.68 10.99 0.00	58.01 4.57 -0.02	67.84 5.67 -0.08	58.54 4.57 0.00	53.46 4.39 0.00	56.03 4.79 0.00	78.08 6.22 0.00	82.63 6.97 0.00	88.15 6.87 0.00	83.00 6.00 0.00	85.96 5.58 0.00	157.24 11.31 0.00	117.79 9.47 0.00	143.87 7.75 0.00	67.28 3.30 0.00

MOONROAD_115KV_HARTFLD_TB1-2 355988	30.20 -3.12 2.03	32.96 -3.23 0.29	37.77 -3.18 0.00	35.18 -2.02 0.00	39.22 -1.91 0.00	41.85 -2.28 0.00	53.97 -3.21 9.40	120.75 -5.29 13.61	157.76 -6.35 0.54	174.15 -6.74 4.81	38.67 -2.98 11.78	45.96 -3.73 12.40	39.14 -3.79 11.05	34.62 -3.55 10.90	34.18 -3.68 13.38	49.55 -5.97 16.33	43.24 -6.09 26.33	35.15 -5.96 40.16	42.26 -4.85 29.90	52.58 -3.80 24.00	133.41 -5.07 7.46	105.20 -3.13 0.00	133.13 -2.99 0.00	61.97 -2.01 0.00
MORRIS RIDGE___SOLAR 323848	20.13 -3.50 11.73	31.26 -3.55 1.67	35.84 -4.05 1.06	31.94 -3.41 1.85	35.00 -3.53 2.59	38.24 -3.98 1.91	6.43 -5.86 54.28	48.71 -12.00 78.94	147.19 -14.69 2.77	150.28 -16.51 18.90	-17.24 -4.92 65.74	-15.74 -5.96 71.86	-16.90 -5.47 65.40	-20.03 -4.90 64.20	-31.69 -4.93 78.00	-31.47 -7.32 96.01	-33.75 -7.95 101.46	-33.99 -8.43 106.84	-35.08 -7.41 104.68	-35.45 -7.25 108.58	89.26 -11.81 44.86	98.20 -7.39 2.73	124.16 -7.24 4.73	57.18 -3.53 3.26
MORTIMER_115KV_TB3 55949	34.07 -1.30 0.00	35.11 -1.36 0.00	39.48 -1.47 0.00	36.08 -1.12 0.00	40.06 -1.07 0.00	42.91 -1.22 0.00	64.86 -1.72 0.00	136.68 -2.97 0.00	160.96 -3.70 0.00	181.30 -4.39 0.00	51.91 -1.52 0.00	60.26 -1.82 0.00	52.00 -1.97 0.00	47.24 -1.83 0.00	49.37 -1.87 0.00	68.91 -2.95 0.00	67.49 -2.88 5.30	65.70 -2.78 12.79	67.63 -2.26 7.12	74.91 -2.09 3.39	142.07 -3.86 0.00	105.62 -2.70 0.00	132.96 -3.16 0.00	62.09 -1.89 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	36.65 1.28 0.00	37.65 1.18 0.00	42.32 1.37 0.00	38.44 1.24 0.00	42.40 1.27 0.00	45.71 1.57 0.00	68.88 2.30 0.00	144.65 5.00 0.00	170.40 5.74 0.00	192.84 7.15 0.00	55.93 2.48 -0.02	65.18 3.01 -0.09	56.72 2.75 0.00	51.70 2.63 0.00	54.10 2.86 0.00	75.69 3.84 0.00	79.68 4.02 0.00	85.51 4.24 0.00	80.75 3.75 0.00	84.12 3.74 0.00	152.12 6.19 0.00	112.13 3.80 0.00	139.37 3.26 0.00	65.68 1.70 0.00
MUNSVILLE_WIND_PWR 323609	35.12 -0.63 -0.39	36.10 -0.42 -0.05	41.76 -1.00 -1.81	39.48 -0.89 -3.16	44.90 -0.66 -4.44	47.34 -0.06 -3.27	68.37 0.25 -1.54	145.46 3.01 -2.80	169.77 3.56 -1.55	188.35 2.01 -0.65	57.20 0.23 -3.55	64.63 0.18 -2.37	58.44 -0.01 -4.47	52.81 -0.12 -3.86	54.79 0.15 -3.40	78.10 0.80 -5.45	96.92 1.22 -20.03	119.21 1.27 -36.66	104.34 1.85 -25.48	100.96 2.48 -18.10	157.09 6.89 -4.27	116.55 3.55 -4.68	147.75 3.56 -8.08	71.13 1.57 -5.58
N SALMON___HYD 24042	35.42 0.06 0.00	36.62 0.15 0.00	40.96 0.01 0.00	36.97 -0.22 0.00	40.76 -0.37 0.00	43.96 -0.17 0.00	66.01 -0.57 0.00	139.21 -0.44 0.00	164.44 -0.22 0.00	185.09 -0.60 0.00	52.97 -0.46 0.00	61.32 -0.77 0.00	53.16 -0.81 0.00	48.13 -0.94 0.00	50.11 -1.13 0.00	70.62 -1.23 0.00	74.44 -1.22 0.00	80.10 -1.17 0.00	75.85 -1.15 0.00	79.39 -0.99 0.00	144.85 -1.08 0.00	108.88 0.55 0.00	137.99 1.87 0.00	177.85 1.24 -112.63
N.AKRON___115KV_KNAPP 355671	31.33 -2.26 1.77	33.90 -2.32 0.25	38.34 -2.61 0.00	35.23 -1.97 0.00	39.19 -1.94 0.00	41.72 -2.41 0.00	54.75 -3.72 8.11	120.70 -7.21 11.74	155.34 -8.96 0.37	171.98 -10.47 3.24	40.12 -3.48 9.83	47.14 -4.24 10.70	39.99 -4.44 9.54	35.49 -4.18 9.41	35.37 -4.32 11.54	51.10 -6.66 14.09	47.88 -6.92 20.87	43.92 -7.11 30.24	47.81 -5.87 23.32	55.24 -5.62 19.52	129.40 -10.10 6.43	101.53 -6.79 0.00	128.53 -7.59 0.00	59.81 -4.18 0.00
N.E_GEN_SANDY PD 24062	36.07 0.71 0.00	37.18 0.70 0.00	41.79 0.84 0.00	37.91 0.71 0.00	41.95 0.83 0.00	44.95 0.82 0.00	67.62 1.14 0.10	136.22 1.60 5.04	167.95 1.93 -1.36	186.66 2.09 1.12	54.34 0.92 0.00	63.33 1.25 0.00	55.37 1.40 0.00	50.44 1.37 0.00	52.65 1.41 0.00	74.07 2.21 0.00	77.91 2.24 0.00	85.49 2.14 -2.08	78.77 1.77 0.00	81.85 1.47 0.00	148.16 2.23 0.00	107.36 1.36 2.33	136.86 1.70 0.96	56.87 0.68 7.79
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	36.32 0.96 0.00	37.34 0.86 0.00	41.99 1.05 0.00	38.16 0.96 0.00	42.08 0.95 0.00	45.33 1.20 0.00	68.40 1.82 0.00	143.61 3.96 0.00	169.05 4.39 0.00	191.26 5.57 0.00	55.41 1.98 0.00	64.47 2.39 0.00	56.18 2.20 0.00	51.18 2.11 0.00	53.55 2.31 0.00	74.96 3.10 0.00	78.93 3.27 0.00	84.73 3.45 0.00	80.00 2.99 0.00	83.38 3.00 0.00	150.85 4.92 0.00	111.25 2.92 0.00	138.60 2.48 0.00	65.25 1.27 0.00
N.QUEENS_27_KV_LOAD 356247	36.72 1.36 0.00	37.67 1.20 0.00	42.32 1.37 0.00	38.46 1.26 0.00	42.37 1.24 0.00	45.74 1.61 0.00	68.98 2.40 0.00	144.89 5.23 0.00	170.67 6.01 0.00	192.78 7.09 0.00	55.95 2.50 -0.04	65.19 2.98 -0.13	56.77 2.80 0.00	51.74 2.67 0.00	54.09 2.86 0.00	75.72 3.87 0.00	79.66 3.99 0.00	85.46 4.19 0.00	80.59 3.59 0.00	84.02 3.64 0.00	151.87 5.94 0.00	111.90 3.57 0.00	138.89 2.77 0.00	65.70 1.72 0.00
N.TROY___115KV_TB1 355778	36.16 0.80 0.00	37.30 0.83 0.00	41.86 0.91 0.00	37.98 0.78 0.00	42.06 0.94 0.00	45.04 0.91 0.00	67.92 1.34 0.00	141.85 2.20 0.00	167.34 2.68 0.00	188.51 2.82 0.00	54.44 1.01 0.00	63.40 1.32 0.00	55.39 1.42 0.00	50.43 1.35 0.00	52.60 1.37 0.00	74.05 2.20 0.00	77.92 2.25 0.00	83.54 2.27 0.00	78.98 1.98 0.00	82.13 1.75 0.00	148.72 2.79 0.00	110.19 1.86 0.00	138.55 2.43 0.00	64.95 0.97 0.00
NARROWS_GT1_1 24228	36.84 1.48 0.00	37.83 1.36 0.00	42.53 1.58 0.00	38.62 1.42 0.00	42.57 1.45 0.00	45.92 1.79 0.00	69.17 2.59 0.00	145.32 5.66 0.00	171.01 6.34 0.00	193.27 7.57 0.00	55.71 2.56 0.28	64.11 3.04 1.02	56.82 2.85 0.00	51.82 2.74 0.00	54.18 2.95 0.00	75.80 3.95 0.00	79.75 4.09 0.00	85.51 4.24 0.00	80.72 3.72 0.00	84.09 3.71 0.00	152.05 6.12 0.00	112.02 3.70 0.00	139.23 3.11 0.00	65.85 1.87 0.00
NARROWS_GT1_2 24229	36.84 1.48 0.00	37.83 1.36 0.00	42.53 1.58 0.00	38.62 1.42 0.00	42.57 1.45 0.00	45.92 1.79 0.00	69.17 2.59 0.00	145.32 5.66 0.00	171.01 6.34 0.00	193.27 7.57 0.00	55.71 2.56 0.28	64.11 3.04 1.02	56.82 2.85 0.00	51.82 2.74 0.00	54.18 2.95 0.00	75.80 3.95 0.00	79.75 4.09 0.00	85.51 4.24 0.00	80.72 3.72 0.00	84.09 3.71 0.00	152.05 6.12 0.00	112.02 3.70 0.00	139.23 3.11 0.00	65.85 1.87 0.00
NARROWS_GT1_3 24230	36.84 1.48 0.00	37.83 1.36 0.00	42.53 1.58 0.00	38.62 1.42 0.00	42.57 1.45 0.00	45.92 1.79 0.00	69.17 2.59 0.00	145.32 5.66 0.00	171.01 6.34 0.00	193.27 7.57 0.00	55.71 2.56 0.28	64.11 3.04 1.02	56.82 2.85 0.00	51.82 2.74 0.00	54.18 2.95 0.00	75.80 3.95 0.00	79.75 4.09 0.00	85.51 4.24 0.00	80.72 3.72 0.00	84.09 3.71 0.00	152.05 6.12 0.00	112.02 3.70 0.00	139.23 3.11 0.00	65.85 1.87 0.00
NARROWS_GT1_4 24231	36.84 1.48 0.00	37.83 1.36 0.00	42.53 1.58 0.00	38.62 1.42 0.00	42.57 1.45 0.00	45.92 1.79 0.00	69.17 2.59 0.00	145.32 5.66 0.00	171.01 6.34 0.00	193.27 7.57 0.00	55.71 2.56 0.28	64.11 3.04 1.02	56.82 2.85 0.00	51.82 2.74 0.00	54.18 2.95 0.00	75.80 3.95 0.00	79.75 4.09 0.00	85.51 4.24 0.00	80.72 3.72 0.00	84.09 3.71 0.00	152.05 6.12 0.00	112.02 3.70 0.00	139.23 3.11 0.00	65.85 1.87 0.00

NARROWS_GT1_5 24232	36.84 1.48 0.00	37.83 1.36 0.00	42.53 1.58 0.00	38.62 1.42 0.00	42.57 1.45 0.00	45.92 1.79 0.00	69.17 2.59 0.00	145.32 5.66 0.00	171.01 6.34 0.00	193.27 7.57 0.00	55.71 2.56 0.28	64.11 3.04 1.02	56.82 2.85 0.00	51.82 2.74 0.00	54.18 2.95 0.00	75.80 3.95 0.00	79.75 4.09 0.00	85.51 4.24 0.00	80.72 3.72 0.00	84.09 3.71 0.00	152.05 6.12 0.00	112.02 3.70 0.00	139.23 3.11 0.00	65.85 1.87 0.00
NARROWS_GT1_6 24233	36.84 1.48 0.00	37.83 1.36 0.00	42.53 1.58 0.00	38.62 1.42 0.00	42.57 1.45 0.00	45.92 1.79 0.00	69.17 2.59 0.00	145.32 5.66 0.00	171.01 6.34 0.00	193.27 7.57 0.00	55.71 2.56 0.28	64.11 3.04 1.02	56.82 2.85 0.00	51.82 2.74 0.00	54.18 2.95 0.00	75.80 3.95 0.00	79.75 4.09 0.00	85.51 4.24 0.00	80.72 3.72 0.00	84.09 3.71 0.00	152.05 6.12 0.00	112.02 3.70 0.00	139.23 3.11 0.00	65.85 1.87 0.00
NARROWS_GT1_7 24234	36.84 1.48 0.00	37.83 1.36 0.00	42.53 1.58 0.00	38.62 1.42 0.00	42.57 1.45 0.00	45.92 1.79 0.00	69.17 2.59 0.00	145.32 5.66 0.00	171.01 6.34 0.00	193.27 7.57 0.00	55.71 2.56 0.28	64.11 3.04 1.02	56.82 2.85 0.00	51.82 2.74 0.00	54.18 2.95 0.00	75.80 3.95 0.00	79.75 4.09 0.00	85.51 4.24 0.00	80.72 3.72 0.00	84.09 3.71 0.00	152.05 6.12 0.00	112.02 3.70 0.00	139.23 3.11 0.00	65.85 1.87 0.00
NARROWS_GT1_8 24235	36.84 1.48 0.00	37.83 1.36 0.00	42.53 1.58 0.00	38.62 1.42 0.00	42.57 1.45 0.00	45.92 1.79 0.00	69.17 2.59 0.00	145.32 5.66 0.00	171.01 6.34 0.00	193.27 7.57 0.00	55.71 2.56 0.28	64.11 3.04 1.02	56.82 2.85 0.00	51.82 2.74 0.00	54.18 2.95 0.00	75.80 3.95 0.00	79.75 4.09 0.00	85.51 4.24 0.00	80.72 3.72 0.00	84.09 3.71 0.00	152.05 6.12 0.00	112.02 3.70 0.00	139.23 3.11 0.00	65.85 1.87 0.00
NARROWS_GT2_1 24236	36.84 1.48 0.00	37.83 1.36 0.00	42.53 1.58 0.00	38.62 1.42 0.00	42.57 1.45 0.00	45.92 1.79 0.00	69.17 2.59 0.00	145.32 5.66 0.00	171.01 6.34 0.00	193.27 7.57 0.00	57.27 2.56 -1.28	69.87 3.04 -4.75	56.82 2.85 0.00	51.82 2.74 0.00	54.18 2.95 0.00	75.80 3.95 0.00	79.75 4.09 0.00	85.51 4.24 0.00	80.72 3.72 0.00	84.09 3.71 0.00	152.05 6.12 0.00	112.04 3.70 -0.02	139.23 3.11 0.00	65.85 1.87 0.00
NARROWS_GT2_2 24237	36.84 1.48 0.00	37.83 1.36 0.00	42.53 1.58 0.00	38.62 1.42 0.00	42.57 1.45 0.00	45.92 1.79 0.00	69.17 2.59 0.00	145.32 5.66 0.00	171.01 6.34 0.00	193.27 7.57 0.00	57.27 2.56 -1.28	69.87 3.04 -4.75	56.82 2.85 0.00	51.82 2.74 0.00	54.18 2.95 0.00	75.80 3.95 0.00	79.75 4.09 0.00	85.51 4.24 0.00	80.72 3.72 0.00	84.09 3.71 0.00	152.05 6.12 0.00	112.04 3.70 -0.02	139.23 3.11 0.00	65.85 1.87 0.00
NARROWS_GT2_3 24238	36.84 1.48 0.00	37.83 1.36 0.00	42.53 1.58 0.00	38.62 1.42 0.00	42.57 1.45 0.00	45.92 1.79 0.00	69.17 2.59 0.00	145.32 5.66 0.00	171.01 6.34 0.00	193.27 7.57 0.00	57.27 2.56 -1.28	69.87 3.04 -4.75	56.82 2.85 0.00	51.82 2.74 0.00	54.18 2.95 0.00	75.80 3.95 0.00	79.75 4.09 0.00	85.51 4.24 0.00	80.72 3.72 0.00	84.09 3.71 0.00	152.05 6.12 0.00	112.04 3.70 -0.02	139.23 3.11 0.00	65.85 1.87 0.00
NARROWS_GT2_4 24239	36.84 1.48 0.00	37.83 1.36 0.00	42.53 1.58 0.00	38.62 1.42 0.00	42.57 1.45 0.00	45.92 1.79 0.00	69.17 2.59 0.00	145.32 5.66 0.00	171.01 6.34 0.00	193.27 7.57 0.00	57.27 2.56 -1.28	69.87 3.04 -4.75	56.82 2.85 0.00	51.82 2.74 0.00	54.18 2.95 0.00	75.80 3.95 0.00	79.75 4.09 0.00	85.51 4.24 0.00	80.72 3.72 0.00	84.09 3.71 0.00	152.05 6.12 0.00	112.04 3.70 -0.02	139.23 3.11 0.00	65.85 1.87 0.00
NARROWS_GT2_5 24240	36.84 1.48 0.00	37.83 1.36 0.00	42.53 1.58 0.00	38.62 1.42 0.00	42.57 1.45 0.00	45.92 1.79 0.00	69.17 2.59 0.00	145.32 5.66 0.00	171.01 6.34 0.00	193.27 7.57 0.00	57.27 2.56 -1.28	69.87 3.04 -4.75	56.82 2.85 0.00	51.82 2.74 0.00	54.18 2.95 0.00	75.80 3.95 0.00	79.75 4.09 0.00	85.51 4.24 0.00	80.72 3.72 0.00	84.09 3.71 0.00	152.05 6.12 0.00	112.04 3.70 -0.02	139.23 3.11 0.00	65.85 1.87 0.00
NARROWS_GT2_6 24241	36.84 1.48 0.00	37.83 1.36 0.00	42.53 1.58 0.00	38.62 1.42 0.00	42.57 1.45 0.00	45.92 1.79 0.00	69.17 2.59 0.00	145.32 5.66 0.00	171.01 6.34 0.00	193.27 7.57 0.00	57.27 2.56 -1.28	69.87 3.04 -4.75	56.82 2.85 0.00	51.82 2.74 0.00	54.18 2.95 0.00	75.80 3.95 0.00	79.75 4.09 0.00	85.51 4.24 0.00	80.72 3.72 0.00	84.09 3.71 0.00	152.05 6.12 0.00	112.04 3.70 -0.02	139.23 3.11 0.00	65.85 1.87 0.00
NARROWS_GT2_7 24242	36.84 1.48 0.00	37.83 1.36 0.00	42.53 1.58 0.00	38.62 1.42 0.00	42.57 1.45 0.00	45.92 1.79 0.00	69.17 2.59 0.00	145.32 5.66 0.00	171.01 6.34 0.00	193.27 7.57 0.00	57.27 2.56 -1.28	69.87 3.04 -4.75	56.82 2.85 0.00	51.82 2.74 0.00	54.18 2.95 0.00	75.80 3.95 0.00	79.75 4.09 0.00	85.51 4.24 0.00	80.72 3.72 0.00	84.09 3.71 0.00	152.05 6.12 0.00	112.04 3.70 -0.02	139.23 3.11 0.00	65.85 1.87 0.00
NARROWS_GT2_8 24243	36.84 1.48 0.00	37.83 1.36 0.00	42.53 1.58 0.00	38.62 1.42 0.00	42.57 1.45 0.00	45.92 1.79 0.00	69.17 2.59 0.00	145.32 5.66 0.00	171.01 6.34 0.00	193.27 7.57 0.00	57.27 2.56 -1.28	69.87 3.04 -4.75	56.82 2.85 0.00	51.82 2.74 0.00	54.18 2.95 0.00	75.80 3.95 0.00	79.75 4.09 0.00	85.51 4.24 0.00	80.72 3.72 0.00	84.09 3.71 0.00	152.05 6.12 0.00	112.04 3.70 -0.02	139.23 3.11 0.00	65.85 1.87 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	36.71 1.35 0.00	37.85 1.38 0.00	42.47 1.52 0.00	38.57 1.37 0.00	42.71 1.59 0.00	45.79 1.66 0.00	69.26 2.68 0.00	144.75 5.09 0.00	171.62 6.96 0.00	193.40 7.71 0.00	55.74 2.31 0.00	64.91 2.83 0.00	56.63 2.65 0.00	51.54 2.47 0.00	53.87 2.64 0.00	75.74 3.89 0.00	79.60 3.94 0.00	85.86 4.58 0.00	81.33 4.32 0.00	84.70 4.32 0.00	153.49 7.56 0.00	113.62 5.29 0.00	142.49 6.37 0.00	66.85 2.87 0.00
NCHELSEA_115KV_TR2 355582	36.50 1.14 0.00	37.53 1.06 0.00	42.25 1.30 0.00	38.38 1.18 0.00	42.35 1.23 0.00	45.61 1.49 0.00	68.88 2.30 0.00	144.60 4.95 0.00	170.39 5.73 0.00	192.77 7.08 0.00	55.77 2.35 0.00	64.92 2.84 0.00	56.57 2.60 0.00	51.54 2.47 0.00	53.95 2.71 0.00	75.52 3.66 0.00	79.53 3.87 0.00	85.47 4.20 0.00	80.78 3.77 0.00	84.18 3.80 0.00	152.40 6.47 0.00	112.35 4.02 0.00	140.01 3.89 0.00	65.83 1.85 0.00
NEG CAPITAL__MECHNVIL 23645	36.65 1.29 0.00	37.77 1.30 0.00	42.38 1.44 0.00	38.46 1.26 0.00	42.61 1.48 0.00	45.66 1.52 0.00	68.97 2.40 0.00	144.37 4.71 0.00	170.31 5.65 0.00	191.81 6.12 0.00	55.31 1.88 0.00	64.41 2.32 0.00	56.29 2.32 0.00	51.18 2.11 0.00	53.39 2.16 0.00	75.24 3.39 0.00	79.27 3.60 0.00	85.18 3.90 0.00	80.62 3.61 0.00	83.85 3.47 0.00	151.88 5.95 0.00	112.33 4.00 0.00	140.86 4.74 0.00	65.98 1.99 0.00

NEG CENTRAL_HIGH_ACRES 23767	33.67 -1.66 0.04	34.73 -1.74 0.00	36.90 -1.91 2.13	31.90 -1.58 3.72	34.31 -1.59 5.23	38.53 -1.75 3.85	64.17 -2.38 0.03	134.57 -4.38 0.70	157.59 -5.38 1.70	179.43 -6.26 0.00	49.40 -2.01 2.02	59.22 -2.41 0.45	48.32 -2.46 3.19	44.32 -2.26 2.49	47.48 -2.26 1.49	65.07 -3.44 3.34	63.66 -3.41 8.60	63.88 -3.35 14.04	62.72 -2.84 11.45	67.27 -2.76 10.35	137.04 -5.27 3.62	99.03 -3.79 5.51	121.90 -4.70 9.51	54.87 -2.54 6.57
NEG CENTRAL___DRP 24199	35.37 -0.75 -0.75	35.81 -0.77 -0.11	40.04 -0.91 0.00	36.45 -0.75 0.00	40.38 -0.75 0.00	43.42 -0.71 0.00	69.96 -0.69 -4.07	144.90 -0.66 -5.91	163.65 -1.20 -0.19	185.99 -1.34 -1.64	57.48 -0.85 -4.91	66.18 -1.24 -5.34	57.41 -1.32 -4.76	52.56 -1.20 -4.69	55.87 -1.13 -5.76	77.32 -1.57 -7.03	75.44 -1.46 -1.23	72.80 -1.41 7.06	75.23 -1.09 0.69	83.38 -0.91 -3.91	147.93 -1.22 -3.22	107.34 -0.99 0.00	135.09 -1.03 0.00	63.40 -0.58 0.00
NEG CENTRAL___INDECK 23768	42.09 -1.35 -8.08	36.24 -1.39 -1.15	38.30 -1.58 1.08	34.16 -1.16 1.88	37.47 -1.02 2.64	41.07 -1.12 1.94	103.47 -1.15 -38.04	192.85 -1.57 -54.77	163.96 -2.38 -1.68	197.18 -3.37 -14.86	97.05 -1.30 -44.92	110.06 -1.97 -49.94	95.02 -2.04 -43.09	90.14 -1.77 -42.84	102.80 -1.79 -53.35	133.18 -3.06 -64.39	114.45 -3.29 -42.08	89.34 -3.26 -11.32	109.39 -2.25 -34.63	132.62 -1.21 -53.45	172.88 -1.41 -28.35	105.18 -0.37 2.78	131.82 0.50 4.80	60.59 -0.07 3.32
NEG CENTRAL___SENECA 23627	35.57 -0.99 -1.19	35.64 -1.00 -0.17	39.78 -1.17 0.00	36.24 -0.96 0.00	40.22 -0.91 0.00	43.21 -0.92 0.00	72.01 -1.00 -6.44	147.87 -1.11 -9.33	163.22 -1.73 -0.29	186.43 -1.84 -2.58	59.99 -1.20 -7.75	68.72 -1.81 -8.44	59.68 -1.82 -7.52	54.81 -1.68 -7.42	58.80 -1.54 -9.10	80.81 -2.16 -11.12	73.56 -2.13 -0.03	63.75 -2.14 15.39	71.71 -1.71 3.58	83.85 -1.47 -4.94	148.90 -2.13 -5.09	106.74 -1.59 0.00	134.53 -1.59 0.00	63.13 -0.86 0.00
NEG CENTRAL___STATE_STREET 24147	35.14 -0.22 0.00	36.21 -0.26 0.00	40.64 -0.30 0.00	36.97 -0.23 0.00	40.75 -0.37 0.00	43.93 -0.20 0.00	68.25 0.11 -1.58	142.54 0.60 -2.29	164.89 0.15 -0.07	186.40 0.06 -0.65	55.12 -0.20 -1.90	63.97 -0.17 -2.06	55.42 -0.39 -1.83	50.56 -0.32 -1.81	53.09 -0.36 -2.22	74.05 -0.52 -2.71	81.62 -0.12 -6.07	91.01 0.03 -9.71	84.13 0.10 -7.02	85.65 0.18 -5.10	147.99 0.81 -1.25	108.76 0.44 0.00	136.56 0.44 0.00	69.96 0.14 -5.84
NEG MILLWOOD___DRP 24198	36.60 1.24 0.00	37.62 1.15 0.00	42.32 1.37 0.00	38.43 1.23 0.00	42.43 1.30 0.00	45.71 1.58 0.00	69.00 2.43 0.00	144.87 5.22 0.00	170.74 6.08 0.00	193.23 7.54 0.00	55.95 2.52 0.00	65.15 3.06 0.00	56.78 2.81 0.00	51.73 2.66 0.00	54.16 2.93 0.00	75.84 3.99 0.00	79.89 4.22 0.00	85.83 4.56 0.00	81.14 4.13 0.00	84.55 4.17 0.00	152.99 7.06 0.00	112.79 4.46 0.00	140.39 4.28 0.00	66.00 2.01 0.00
NEG NORTH_FLCN_SEA 23793	35.56 0.20 0.00	36.78 0.31 0.00	41.14 0.19 0.00	37.03 -0.17 0.00	40.83 -0.29 0.00	43.92 -0.21 0.00	66.08 -0.49 0.00	138.55 -1.10 0.00	163.69 -0.97 0.00	184.72 -0.98 0.00	53.03 -0.40 0.00	61.47 -0.62 0.00	53.37 -0.60 0.00	48.36 -0.71 0.00	50.28 -0.95 0.00	70.73 -1.13 0.00	74.41 -1.26 0.00	79.72 -1.56 0.00	74.81 -2.20 0.00	77.89 -2.48 0.00	142.38 -3.55 0.00	107.19 -1.14 0.00	136.93 0.82 0.00	64.79 0.81 0.00
NEG NORTH_KES_CHATAGAY 23792	35.18 -0.18 0.00	36.39 -0.09 0.00	40.65 -0.29 0.00	36.59 -0.61 0.00	40.30 -0.82 0.00	43.42 -0.72 0.00	65.26 -1.32 0.00	137.06 -2.59 0.00	161.85 -2.81 0.00	182.31 -3.38 0.00	52.23 -1.20 0.00	60.48 -1.61 0.00	52.54 -1.43 0.00	47.61 -1.46 0.00	49.56 -1.67 0.00	69.76 -2.09 0.00	73.58 -2.08 0.00	79.11 -2.16 0.00	74.82 -2.19 0.00	78.14 -2.24 0.00	142.69 -3.24 0.00	107.28 -1.04 0.00	136.10 -0.01 0.00	108.92 0.25 -44.68
NEG NORTH___ALICE_FALLS 23915	35.62 0.27 0.00	36.83 0.36 0.00	41.21 0.26 0.00	37.09 -0.11 0.00	40.90 -0.22 0.00	44.03 -0.10 0.00	66.23 -0.35 0.00	139.09 -0.56 0.00	164.28 -0.38 0.00	185.22 -0.48 0.00	53.15 -0.28 0.00	61.57 -0.52 0.00	53.44 -0.53 0.00	48.41 -0.66 0.00	50.30 -0.94 0.00	70.80 -1.06 0.00	74.67 -0.99 0.00	80.19 -1.08 0.00	75.60 -1.41 0.00	78.79 -1.58 0.00	144.01 -1.92 0.00	108.24 -0.08 0.00	137.68 1.56 0.00	71.83 1.11 -6.75
NEG NORTH___LWR_SARANAC 23913	35.62 0.27 0.00	36.83 0.36 0.00	41.21 0.26 0.00	37.09 -0.11 0.00	40.90 -0.22 0.00	44.03 -0.10 0.00	66.23 -0.35 0.00	139.09 -0.56 0.00	164.28 -0.38 0.00	185.22 -0.48 0.00	53.15 -0.28 0.00	61.57 -0.52 0.00	53.44 -0.53 0.00	48.41 -0.66 0.00	50.30 -0.94 0.00	70.80 -1.06 0.00	74.67 -0.99 0.00	80.19 -1.08 0.00	75.60 -1.41 0.00	78.79 -1.58 0.00	144.01 -1.92 0.00	108.24 -0.08 0.00	137.68 1.56 0.00	71.83 1.11 -6.75
NEG NORTH___PLATTSBURG 23628	35.63 0.26 0.00	36.83 0.36 0.00	41.21 0.26 0.00	37.09 -0.10 0.00	40.90 -0.22 0.00	44.04 -0.09 0.00	66.23 -0.35 0.00	139.09 -0.57 0.00	164.25 -0.41 0.00	185.21 -0.48 0.00	53.15 -0.28 0.00	61.57 -0.52 0.00	53.43 -0.54 0.00	48.41 -0.67 0.00	50.30 -0.93 0.00	70.79 -1.06 0.00	74.67 -0.99 0.00	80.20 -1.07 0.00	75.60 -1.41 0.00	78.79 -1.59 0.00	144.02 -1.91 0.00	108.24 -0.08 0.00	137.68 1.56 0.00	71.84 1.11 -6.75
NEG WEST_LEA_LOCKPORT 23791	30.30 -2.93 2.13	33.18 -2.99 0.30	37.61 -3.33 0.00	34.60 -2.60 0.00	38.48 -2.65 0.00	40.88 -3.25 0.00	51.56 -5.22 9.80	114.81 -10.65 14.19	151.14 -13.08 0.44	166.75 -15.06 3.88	36.75 -4.82 11.86	43.31 -5.85 12.93	36.64 -5.82 11.52	32.19 -5.52 11.36	31.55 -5.74 13.94	46.27 -8.55 17.03	42.84 -8.77 24.05	38.38 -9.09 33.81	42.44 -7.96 26.61	49.64 -7.90 22.84	123.99 -14.16 7.77	98.67 -9.66 0.00	125.21 -10.91 0.00	58.29 -5.70 0.00
NEG WEST___LANCASTER 23811	31.49 -1.75 2.13	34.41 -1.76 0.30	39.00 -1.95 0.00	35.86 -1.34 0.00	39.89 -1.23 0.00	42.47 -1.66 0.00	53.91 -2.82 9.85	119.82 -5.57 14.26	157.57 -6.59 0.51	174.16 -7.07 4.46	38.68 -2.62 12.12	45.90 -3.19 12.99	39.28 -3.12 11.57	34.73 -2.93 11.42	34.14 -3.08 14.01	49.83 -4.92 17.11	44.17 -4.86 26.64	36.52 -4.92 39.83	42.81 -4.14 30.05	51.95 -3.89 24.54	131.49 -6.63 7.81	104.08 -4.25 0.00	132.20 -3.91 0.00	61.61 -2.38 0.00
NEG_PENN_ALLEGHNY 23528	34.84 -0.57 -0.05	35.91 -0.57 0.00	43.20 -0.72 -2.98	41.76 -0.64 -5.20	47.75 -0.66 -7.29	48.80 -0.70 -5.37	65.86 -0.76 -0.04	139.29 -1.34 -0.98	165.30 -1.74 -2.37	184.06 -1.64 0.00	55.59 -0.65 -2.81	61.94 -0.78 -0.64	57.62 -0.80 -4.45	51.89 -0.66 -3.48	52.81 -0.51 -2.08	75.68 -0.84 -4.66	76.99 -0.90 -2.22	78.61 -1.01 1.66	79.51 -0.83 -3.34	87.79 -0.77 -8.18	150.08 -0.90 -5.06	115.17 -0.84 -7.68	148.51 -0.88 -13.27	72.65 -0.50 -9.17
NEG___GEN_MONROE 24207	34.14 -1.22 0.00	35.20 -1.27 0.00	39.56 -1.39 0.00	36.20 -1.00 0.00	40.20 -0.93 0.00	43.04 -1.09 0.00	65.10 -1.48 0.00	137.25 -2.40 0.00	161.57 -3.09 0.00	181.97 -3.72 0.00	52.04 -1.38 0.00	60.37 -1.72 0.00	52.02 -1.96 0.00	47.23 -1.84 0.00	49.38 -1.85 0.00	68.85 -3.01 0.00	67.19 -3.02 5.45	65.19 -2.91 13.17	67.49 -2.19 7.33	74.99 -1.90 3.49	142.46 -3.47 0.00	105.92 -2.41 0.00	133.40 -2.72 0.00	62.23 -1.76 0.00

NEPA__ENERGY 23901	30.37 -2.57 2.43	33.58 -2.55 0.35	37.92 -3.02 0.00	34.76 -2.44 0.00	38.58 -2.54 0.00	41.20 -2.93 0.00	51.22 -4.10 11.26	115.25 -8.09 16.31	153.94 -10.18 0.54	170.47 -10.48 4.75	35.92 -3.78 13.73	42.75 -4.49 14.85	36.41 -4.34 13.23	32.07 -3.95 13.05	31.26 -3.95 16.02	46.10 -6.20 19.56	40.26 -6.59 28.81	32.75 -6.93 41.60	38.81 -6.04 32.16	47.64 -5.74 27.00	128.30 -8.69 8.93	102.15 -6.17 0.00	129.55 -6.57 0.00	60.49 -3.49 0.00
NEVERSINK__HYD 23608	36.53 1.17 0.00	37.61 1.14 0.00	42.39 1.45 0.00	38.50 1.30 0.00	42.51 1.39 0.00	45.83 1.70 0.00	69.26 2.69 0.00	145.55 5.90 0.00	171.49 6.83 0.00	193.92 8.23 0.00	56.00 2.58 0.00	65.17 3.09 0.00	56.76 2.79 0.00	51.58 2.51 0.00	54.09 2.86 0.00	75.60 3.75 0.00	79.60 3.94 0.00	85.74 4.46 0.00	81.10 4.09 0.00	84.56 4.19 0.00	153.08 7.15 0.00	112.87 4.54 0.00	140.82 4.70 0.00	66.20 2.22 0.00
NEWKRMKL_115KV_TB1 55635	36.28 0.92 0.00	37.41 0.94 0.00	41.98 1.03 0.00	38.13 0.93 0.00	42.18 1.06 0.00	45.19 1.06 0.00	68.17 1.59 0.00	142.60 2.95 0.00	168.24 3.57 0.00	189.79 4.10 0.00	54.79 1.37 0.00	63.79 1.71 0.00	55.69 1.71 0.00	50.69 1.62 0.00	52.89 1.66 0.00	74.35 2.49 0.00	78.25 2.59 0.00	83.94 2.66 0.00	79.34 2.34 0.00	82.62 2.24 0.00	149.62 3.69 0.00	110.85 2.52 0.00	139.26 3.15 0.00	65.41 1.42 0.00
NEWTON__FALLS_HYD 23847	34.38 -0.98 0.00	35.65 -0.82 0.00	40.45 -0.50 0.00	36.81 -0.39 0.00	40.44 -0.68 0.00	43.33 -0.80 0.00	65.29 -1.28 0.00	137.51 -2.14 0.00	161.78 -2.88 0.00	181.64 -4.05 0.00	51.78 -1.65 0.00	59.86 -2.23 0.00	51.44 -2.54 0.00	46.43 -2.65 0.00	48.65 -2.59 0.00	68.68 -3.17 0.00	72.35 -3.31 0.00	77.98 -3.30 0.00	74.59 -2.41 0.00	78.66 -1.72 0.00	143.81 -2.12 0.00	108.25 -0.08 0.00	136.21 0.10 0.00	279.63 0.33 -215.32
NGRID_A1_DSASP 323792	29.74 -3.41 2.21	32.64 -3.51 0.31	37.22 -3.73 0.00	34.30 -2.90 0.00	38.19 -2.94 0.00	40.32 -3.81 0.00	50.46 -5.93 10.18	112.34 -12.57 14.75	148.80 -15.40 0.46	163.65 -17.97 4.07	35.79 -5.30 12.34	42.42 -6.23 13.43	35.82 -6.18 11.97	31.59 -5.68 11.81	30.83 -5.91 14.49	45.37 -8.79 17.69	41.78 -8.84 25.04	36.91 -9.18 35.18	41.16 -8.12 27.72	48.44 -8.17 23.76	122.62 -15.23 8.08	97.51 -10.82 0.00	123.84 -12.28 0.00	57.63 -6.35 0.00
NGRID_A2_DSASP 323793	29.74 -3.41 2.21	32.64 -3.51 0.31	37.22 -3.73 0.00	34.30 -2.90 0.00	38.19 -2.94 0.00	40.32 -3.81 0.00	50.46 -5.93 10.18	112.34 -12.57 14.75	148.80 -15.40 0.46	163.65 -17.97 4.07	35.79 -5.30 12.34	42.42 -6.23 13.43	35.82 -6.18 11.97	31.59 -5.68 11.81	30.83 -5.91 14.49	45.37 -8.79 17.69	41.78 -8.84 25.04	36.91 -9.18 35.18	41.16 -8.12 27.72	48.44 -8.17 23.76	122.62 -15.23 8.08	97.51 -10.82 0.00	123.84 -12.28 0.00	57.63 -6.35 0.00
NGRID_A4_DSASP 323807	29.74 -3.41 2.21	32.64 -3.51 0.31	37.22 -3.73 0.00	34.30 -2.90 0.00	38.19 -2.94 0.00	40.32 -3.81 0.00	50.46 -5.93 10.18	112.34 -12.57 14.75	148.80 -15.40 0.46	163.65 -17.97 4.07	35.79 -5.30 12.34	42.42 -6.23 13.43	35.82 -6.18 11.97	31.59 -5.68 11.81	30.83 -5.91 14.49	45.37 -8.79 17.69	41.78 -8.84 25.04	36.91 -9.18 35.18	41.16 -8.12 27.72	48.44 -8.17 23.76	122.62 -15.23 8.08	97.51 -10.82 0.00	123.84 -12.28 0.00	57.63 -6.35 0.00
NIAGARA_115E_LBMP 323715	29.75 -3.35 2.26	32.74 -3.42 0.31	30.37 -3.96 6.61	22.51 -3.15 11.54	21.66 -3.26 16.20	28.27 -3.93 11.93	50.34 -6.22 10.01	110.15 -12.97 16.53	142.88 -15.92 5.86	163.29 -18.41 3.99	29.46 -5.69 18.28	40.82 -6.77 14.50	25.74 -6.69 21.55	23.71 -6.14 19.22	26.20 -6.30 18.74	34.91 -9.34 27.60	25.92 -9.69 40.05	20.41 -10.06 50.80	20.40 -8.98 47.63	23.27 -8.91 48.20	110.56 -16.28 19.09	80.13 -11.13 17.06	93.91 -12.73 29.48	37.17 -6.45 20.37
NIAGARA_115W_LBMP 323714	29.58 -3.47 2.32	32.58 -3.58 0.31	30.30 -3.82 6.83	22.31 -2.97 11.91	21.40 -3.00 16.72	27.90 -3.92 12.31	50.37 -5.96 10.25	110.05 -12.66 16.94	143.05 -15.58 6.03	163.36 -18.27 4.06	29.36 -5.32 18.75	40.98 -6.26 14.85	25.51 -6.33 22.14	23.59 -5.74 19.74	26.06 -5.96 19.22	34.71 -8.80 28.34	25.69 -9.01 40.96	20.28 -9.28 51.72	20.11 -8.20 48.69	22.80 -8.14 49.44	110.41 -15.88 19.64	79.67 -11.04 17.61	93.08 -12.61 30.43	36.49 -6.47 21.03
NIAGARA_230_LBMP 323716	29.92 -3.19 2.26	32.93 -3.23 0.30	30.58 -3.54 6.83	22.50 -2.78 11.92	21.59 -2.81 16.73	28.30 -3.52 12.32	50.94 -5.66 9.98	111.42 -11.69 16.55	144.42 -14.24 6.00	165.23 -16.53 3.93	29.88 -5.13 18.41	41.54 -6.05 14.49	26.17 -5.98 21.82	24.18 -5.46 19.43	26.69 -5.71 18.84	35.53 -8.45 27.87	26.61 -8.68 40.37	21.35 -8.95 50.97	21.01 -7.94 48.06	23.64 -7.87 48.86	111.97 -14.53 19.43	80.79 -9.91 17.62	94.56 -11.11 30.45	37.13 -5.82 21.04
NIAGARA__115KV_198_GIBSON 55903	29.69 -3.47 2.20	32.60 -3.56 0.31	37.15 -3.80 0.00	34.24 -2.96 0.00	38.12 -3.01 0.00	40.24 -3.90 0.00	50.41 -6.01 10.15	112.15 -12.80 14.70	148.54 -15.67 0.46	163.32 -18.32 4.06	35.76 -5.37 12.30	42.38 -6.31 13.39	35.79 -6.25 11.93	31.56 -5.75 11.77	30.82 -5.97 14.44	45.34 -8.87 17.64	41.76 -8.93 24.97	36.91 -9.27 35.09	41.15 -8.21 27.65	48.43 -8.25 23.70	122.44 -15.44 8.05	97.30 -11.03 0.00	123.59 -12.52 0.00	57.52 -6.46 0.00
NIAGARA__ 23760	29.91 -3.19 2.27	32.93 -3.23 0.31	30.74 -3.54 6.67	22.79 -2.78 11.63	21.99 -2.81 16.33	28.49 -3.52 12.12	50.91 -5.66 10.01	111.39 -11.69 16.57	144.46 -14.24 5.96	165.20 -16.53 3.95	29.90 -5.13 18.39	41.52 -6.05 14.52	26.23 -5.98 21.77	24.22 -5.46 19.39	26.69 -5.71 18.83	35.59 -8.45 27.82	26.67 -8.68 40.32	21.35 -8.95 50.98	21.09 -7.94 47.97	23.80 -7.87 48.70	112.05 -14.53 19.35	80.94 -9.91 17.47	94.89 -11.11 30.12	37.40 -5.82 20.76
NINE_MILE_1 23575	34.35 -1.02 0.00	35.36 -1.11 0.00	39.69 -1.26 0.00	36.09 -1.11 0.00	39.91 -1.21 0.00	42.81 -1.32 0.00	64.71 -1.86 0.00	135.93 -3.72 0.00	160.27 -4.39 0.00	180.70 -4.99 0.00	51.91 -1.52 0.00	60.31 -1.77 0.00	52.34 -1.63 0.00	47.58 -1.50 0.00	49.73 -1.51 0.00	69.70 -2.15 0.00	73.46 -2.20 0.00	78.97 -2.30 0.00	74.94 -2.06 0.00	78.27 -2.11 0.00	142.11 -3.82 0.00	105.46 -2.87 0.00	132.54 -3.58 0.00	62.26 -1.72 0.00
NINE_MILE_2 23744	34.35 -1.02 0.00	35.37 -1.10 0.00	39.69 -1.26 0.00	36.09 -1.11 0.00	39.92 -1.21 0.00	42.82 -1.31 0.00	64.72 -1.85 0.00	135.95 -3.71 0.00	160.32 -4.34 0.00	180.71 -4.98 0.00	51.92 -1.51 0.00	60.33 -1.76 0.00	52.35 -1.62 0.00	47.59 -1.48 0.00	49.73 -1.50 0.00	69.71 -2.15 0.00	73.48 -2.19 0.00	79.00 -2.28 0.00	74.95 -2.05 0.00	78.27 -2.10 0.00	142.14 -3.79 0.00	105.50 -2.83 0.00	132.62 -3.50 0.00	62.27 -1.71 0.00
NM_CAPITAL__DRP 24208	36.18 0.82 0.00	37.31 0.84 0.00	41.88 0.94 0.00	38.03 0.83 0.00	42.07 0.95 0.00	45.06 0.93 0.00	67.93 1.36 0.00	142.01 2.36 0.00	167.56 2.90 0.00	188.97 3.28 0.00	54.58 1.15 0.00	63.55 1.46 0.00	55.49 1.51 0.00	50.52 1.45 0.00	52.72 1.49 0.00	74.10 2.24 0.00	77.97 2.31 0.00	83.62 2.34 0.00	79.02 2.02 0.00	82.22 1.85 0.00	148.92 2.99 0.00	110.36 2.03 0.00	138.71 2.59 0.00	65.17 1.19 0.00

NM_CENTRAL__DRP 24181	34.87 -0.49 0.00	35.91 -0.56 0.00	40.30 -0.65 0.00	36.64 -0.56 0.00	40.56 -0.57 0.00	43.55 -0.59 0.00	65.93 -0.65 0.00	138.67 -0.99 0.00	163.47 -1.19 0.00	184.49 -1.20 0.00	52.98 -0.45 0.00	61.51 -0.58 0.00	53.34 -0.63 0.00	48.47 -0.60 0.00	50.74 -0.50 0.00	71.10 -0.75 0.00	74.94 -0.72 0.00	80.57 -0.70 0.00	76.51 -0.49 0.00	79.90 -0.48 0.00	145.11 -0.82 0.00	107.59 -0.74 0.00	135.14 -0.98 0.00	71.35 -0.58 -7.94
NM_FRONTIER__DRP 24179	29.69 -3.47 2.20	32.60 -3.56 0.31	37.15 -3.80 0.00	34.24 -2.96 0.00	38.12 -3.01 0.00	40.24 -3.90 0.00	50.41 -6.01 10.15	112.15 -12.80 14.70	148.54 -15.67 0.46	163.32 -18.32 4.06	35.76 -5.37 12.30	42.38 -6.31 13.39	35.79 -6.25 11.93	31.56 -5.75 11.77	30.82 -5.97 14.44	45.34 -8.87 17.64	41.76 -8.93 24.97	36.91 -9.27 35.09	41.15 -8.21 27.65	48.43 -8.25 23.70	122.44 -15.44 8.05	97.30 -11.03 0.00	123.59 -12.52 0.00	57.52 -6.46 0.00
NM_ST_REGIS__HYD 24053	35.28 -0.08 0.00	36.52 0.05 0.00	40.97 0.02 0.00	37.13 -0.07 0.00	40.94 -0.19 0.00	44.07 -0.06 0.00	66.08 -0.49 0.00	139.34 -0.31 0.00	164.41 -0.25 0.00	184.79 -0.90 0.00	52.72 -0.71 0.00	60.98 -1.10 0.00	52.74 -1.24 0.00	47.69 -1.38 0.00	49.71 -1.52 0.00	70.03 -1.82 0.00	73.59 -2.07 0.00	79.17 -2.11 0.00	75.04 -1.96 0.00	78.73 -1.65 0.00	143.42 -2.52 0.00	107.96 -0.37 0.00	136.86 0.74 0.00	336.01 0.88 -271.14
NORTHPORT__1 23551	36.81 1.45 0.00	37.70 1.23 0.00	42.33 1.38 0.00	38.42 1.22 0.00	42.42 1.30 0.00	45.84 1.71 0.00	68.36 1.78 0.00	143.12 3.47 0.00	168.37 3.71 0.00	191.20 5.51 0.00	55.92 2.48 -0.02	65.11 2.94 -0.08	56.42 2.45 0.00	51.48 2.40 0.00	54.00 2.76 0.00	75.08 3.22 0.00	79.32 3.65 0.00	85.06 3.79 0.00	80.12 3.12 0.00	83.25 2.88 0.00	151.49 5.56 0.00	112.22 3.89 0.00	138.35 2.23 0.00	65.20 1.22 0.00
NORTHPORT__2 23552	36.81 1.45 0.00	37.70 1.23 0.00	42.33 1.38 0.00	38.42 1.22 0.00	42.42 1.30 0.00	45.84 1.71 0.00	68.36 1.78 0.00	143.12 3.47 0.00	168.37 3.71 0.00	191.20 5.51 0.00	55.92 2.48 -0.02	65.11 2.94 -0.08	56.42 2.45 0.00	51.48 2.40 0.00	54.00 2.76 0.00	75.08 3.22 0.00	79.32 3.65 0.00	85.06 3.79 0.00	80.12 3.12 0.00	83.25 2.88 0.00	151.49 5.56 0.00	112.22 3.89 0.00	138.35 2.23 0.00	65.20 1.22 0.00
NORTHPORT__3 23553	36.79 1.43 0.00	37.69 1.22 0.00	42.31 1.37 0.00	38.42 1.22 0.00	42.41 1.29 0.00	45.83 1.70 0.00	68.39 1.81 0.00	143.26 3.61 0.00	168.65 3.99 0.00	191.39 5.70 0.00	55.96 2.51 -0.02	65.16 2.99 -0.08	56.47 2.50 0.00	51.53 2.45 0.00	54.05 2.81 0.00	75.15 3.30 0.00	79.41 3.75 0.00	85.15 3.88 0.00	80.23 3.22 0.00	83.40 3.02 0.00	151.70 5.76 0.00	112.31 3.99 0.00	138.54 2.42 0.00	65.28 1.30 0.00
NORTHPORT__4 23650	36.79 1.43 0.00	37.69 1.22 0.00	42.31 1.37 0.00	38.42 1.22 0.00	42.41 1.29 0.00	45.83 1.70 0.00	68.39 1.81 0.00	143.26 3.61 0.00	168.65 3.99 0.00	191.39 5.70 0.00	55.96 2.51 -0.02	65.16 2.99 -0.08	56.47 2.50 0.00	51.53 2.45 0.00	54.05 2.81 0.00	75.15 3.30 0.00	79.41 3.75 0.00	85.15 3.88 0.00	80.23 3.22 0.00	83.40 3.02 0.00	151.70 5.76 0.00	112.31 3.99 0.00	138.54 2.42 0.00	65.28 1.30 0.00
NORTHPORT__IC 23718	36.82 1.46 0.00	37.70 1.23 0.00	42.33 1.38 0.00	38.42 1.22 0.00	42.42 1.30 0.00	45.82 1.69 0.00	68.36 1.78 0.00	143.13 3.48 0.00	168.37 3.71 0.00	191.20 5.51 0.00	55.93 2.48 -0.02	65.11 2.95 -0.08	56.40 2.42 0.00	51.48 2.41 0.00	53.98 2.74 0.00	75.08 3.22 0.00	79.31 3.65 0.00	85.03 3.76 0.00	80.11 3.11 0.00	83.26 2.88 0.00	151.47 5.54 0.00	112.18 3.85 0.00	138.36 2.24 0.00	65.21 1.22 0.00
NORTH__COUNTRY_ESR 323785	35.11 -0.25 0.00	36.31 -0.16 0.00	40.60 -0.35 0.00	36.52 -0.68 0.00	40.22 -0.90 0.00	43.33 -0.80 0.00	65.13 -1.45 0.00	136.65 -3.00 0.00	161.39 -3.27 0.00	181.83 -3.86 0.00	52.16 -1.27 0.00	60.43 -1.66 0.00	52.50 -1.47 0.00	47.60 -1.47 0.00	49.55 -1.68 0.00	69.76 -2.10 0.00	73.53 -2.13 0.00	78.98 -2.29 0.00	74.67 -2.34 0.00	77.93 -2.45 0.00	142.30 -3.63 0.00	106.97 -1.36 0.00	135.73 -0.39 0.00	109.78 0.10 -45.69
NPX_GEN_1385_PROXY 323591	36.81 1.45 0.00	37.70 1.23 0.00	42.33 1.38 0.00	38.42 1.22 0.00	42.42 1.30 0.00	45.84 1.71 0.00	68.36 1.78 0.00	143.12 3.47 0.00	168.37 3.71 0.00	191.20 5.51 0.00	55.92 2.48 -0.02	65.11 2.94 -0.08	56.42 2.45 0.00	51.48 2.40 0.00	54.00 2.76 0.00	75.08 3.22 0.00	79.32 3.65 0.00	85.06 3.79 0.00	80.12 3.12 0.00	83.25 2.88 0.00	151.49 5.56 0.00	112.22 3.89 0.00	138.35 2.23 0.00	65.20 1.22 0.00
NPX_GEN_CSC 323557	37.13 1.77 0.00	37.97 1.50 0.00	42.63 1.68 0.00	38.70 1.51 0.00	42.76 1.64 0.00	46.27 2.14 0.00	68.92 2.35 0.00	144.03 4.38 0.00	168.83 4.17 0.00	192.25 6.55 0.00	56.78 3.33 -0.02	66.38 4.21 -0.08	57.27 3.29 0.00	52.19 3.12 0.00	54.77 3.53 0.00	76.23 4.38 0.00	80.62 4.96 0.00	85.75 4.47 0.00	80.62 3.62 0.00	83.24 2.86 0.00	152.57 6.64 0.00	114.73 6.40 0.00	139.89 3.77 0.00	65.40 1.42 0.00
NSINS_S__GLNS_FALLS 23858	37.04 1.68 0.00	38.12 1.65 0.00	42.76 1.82 0.00	38.75 1.55 0.00	43.04 1.91 0.00	46.21 2.08 0.00	69.78 3.20 0.00	145.71 6.05 0.00	171.98 7.32 0.00	193.59 7.90 0.00	55.77 2.34 0.00	65.03 2.94 0.00	56.88 2.90 0.00	51.72 2.65 0.00	53.87 2.64 0.00	75.98 4.13 0.00	80.14 4.47 0.00	86.41 5.13 0.00	81.86 4.85 0.00	84.96 4.59 0.00	153.82 7.88 0.00	113.25 4.92 0.00	141.67 5.55 0.00	66.08 2.09 0.00
NUCOR_STEEL__DRP 24197	35.17 -0.19 0.00	36.24 -0.23 0.00	40.68 -0.27 0.00	36.99 -0.21 0.00	40.75 -0.38 0.00	43.94 -0.19 0.00	66.70 0.12 0.00	140.23 0.58 0.00	164.77 0.11 0.00	185.62 -0.07 0.00	53.23 -0.20 0.00	61.98 -0.11 0.00	53.65 -0.33 0.00	48.82 -0.25 0.00	50.90 -0.33 0.00	71.38 -0.48 0.00	79.64 -0.05 -4.03	90.02 0.09 -8.66	82.33 0.14 -5.18	83.10 0.15 -2.58	146.80 0.87 0.00	108.78 0.45 0.00	136.56 0.44 0.00	70.12 0.15 -5.99
NUMBER_THREE_WT_PWR 323818	34.00 -1.36 0.00	35.42 -1.05 0.00	40.70 -0.24 0.00	37.16 -0.04 0.00	40.60 -0.52 0.00	43.22 -0.91 0.00	65.32 -1.25 0.00	137.37 -2.28 0.00	161.21 -3.45 0.00	181.02 -4.67 0.00	51.73 -1.69 0.00	59.86 -2.22 0.00	51.16 -2.82 0.00	46.16 -2.91 0.00	48.53 -2.70 0.00	68.72 -3.14 0.00	72.64 -3.03 0.00	78.38 -2.90 0.00	75.36 -1.65 0.00	79.79 -0.59 0.00	146.40 0.47 0.00	110.25 1.93 0.00	137.85 1.73 0.00	162.50 0.92 -97.59
NYISO_LBMP_REFERENCE 24008	35.36 0.00 0.00	36.47 0.00 0.00	40.95 0.00 0.00	37.20 0.00 0.00	41.13 0.00 0.00	44.13 0.00 0.00	66.58 0.00 0.00	139.65 0.00 0.00	164.66 0.00 0.00	185.69 0.00 0.00	53.43 0.00 0.00	62.08 0.00 0.00	53.97 0.00 0.00	49.07 0.00 0.00	51.23 0.00 0.00	71.85 0.00 0.00	75.67 0.00 0.00	81.28 0.00 0.00	77.01 0.00 0.00	80.38 0.00 0.00	145.93 0.00 0.00	108.33 0.00 0.00	136.12 0.00 0.00	63.98 0.00 0.00

NYPA_BRENTWD____GT 24164	37.11 1.74 0.00	37.99 1.51 0.00	42.65 1.70 0.00	38.72 1.52 0.00	42.75 1.63 0.00	46.24 2.11 0.00	69.10 2.53 0.00	144.70 5.05 0.00	170.50 5.84 0.00	193.69 8.00 0.00	56.68 3.23 -0.02	66.08 3.92 -0.08	57.15 3.17 0.00	52.12 3.05 0.00	54.83 3.59 0.00	75.84 3.98 0.00	80.10 4.43 0.00	85.83 4.56 0.00	80.66 3.65 0.00	83.79 3.41 0.00	153.21 7.28 0.00	113.70 5.37 0.00	140.02 3.90 0.00	66.03 2.05 0.00
NYPA_GOWANUS____GT5 24156	36.84 1.48 0.00	37.83 1.36 0.00	42.53 1.58 0.00	38.62 1.42 0.00	42.57 1.45 0.00	45.92 1.79 0.00	69.17 2.59 0.00	145.32 5.66 0.00	171.01 6.34 0.00	193.27 7.57 0.00	55.71 2.56 0.28	64.11 3.04 1.02	56.82 2.85 0.00	51.82 2.74 0.00	54.18 2.95 0.00	75.80 3.95 0.00	79.75 4.09 0.00	85.51 4.24 0.00	80.72 3.72 0.00	84.09 3.71 0.00	152.05 6.12 0.00	112.02 3.70 0.00	139.23 3.11 0.00	65.85 1.87 0.00
NYPA_GOWANUS____GT6 24157	36.84 1.48 0.00	37.83 1.36 0.00	42.53 1.58 0.00	38.62 1.42 0.00	42.57 1.45 0.00	45.92 1.79 0.00	69.17 2.59 0.00	145.32 5.66 0.00	171.01 6.34 0.00	193.27 7.57 0.00	55.71 2.56 0.28	64.11 3.04 1.02	56.82 2.85 0.00	51.82 2.74 0.00	54.18 2.95 0.00	75.80 3.95 0.00	79.75 4.09 0.00	85.51 4.24 0.00	80.72 3.72 0.00	84.09 3.71 0.00	152.05 6.12 0.00	112.02 3.70 0.00	139.23 3.11 0.00	65.85 1.87 0.00
NYPA_HARLEM__RVR__GT1 24160	36.70 1.34 0.00	37.66 1.19 0.00	42.33 1.38 0.00	38.45 1.25 0.00	42.36 1.23 0.00	45.72 1.59 0.00	68.91 2.34 0.00	144.74 5.09 0.00	170.52 5.86 0.00	192.62 6.92 0.00	55.87 2.39 -0.05	65.14 2.87 -0.19	56.70 2.72 0.00	51.64 2.57 0.00	54.02 2.78 0.00	75.60 3.74 0.00	79.54 3.88 0.00	85.31 4.04 0.00	80.46 3.46 0.00	83.89 3.51 0.00	151.57 5.64 0.00	111.73 3.40 0.00	138.69 2.57 0.00	65.62 1.64 0.00
NYPA_HARLEM__RVR__GT2 24161	36.70 1.34 0.00	37.66 1.19 0.00	42.33 1.38 0.00	38.45 1.25 0.00	42.36 1.23 0.00	45.72 1.59 0.00	68.91 2.34 0.00	144.74 5.09 0.00	170.52 5.86 0.00	192.62 6.92 0.00	55.87 2.39 -0.05	65.14 2.87 -0.19	56.70 2.72 0.00	51.64 2.57 0.00	54.02 2.78 0.00	75.60 3.74 0.00	79.54 3.88 0.00	85.31 4.04 0.00	80.46 3.46 0.00	83.89 3.51 0.00	151.57 5.64 0.00	111.73 3.40 0.00	138.69 2.57 0.00	65.62 1.64 0.00
NYPA_KENT____GT 24152	36.83 1.47 0.00	37.82 1.35 0.00	42.51 1.57 0.00	38.61 1.41 0.00	42.57 1.44 0.00	45.92 1.79 0.00	69.17 2.59 0.00	145.22 5.56 0.00	171.04 6.38 0.00	193.38 7.68 0.00	56.90 2.61 -0.87	68.39 3.11 -3.20	56.85 2.88 0.00	51.83 2.76 0.00	54.21 2.97 0.00	75.82 3.96 0.00	79.78 4.12 0.00	85.56 4.29 0.00	80.77 3.77 0.00	84.13 3.75 0.00	152.09 6.16 0.00	112.12 3.78 -0.01	139.25 3.13 0.00	65.83 1.84 0.00
NYPA_POUCH1____GT 24155	36.82 1.46 0.00	37.83 1.36 0.00	42.53 1.58 0.00	38.62 1.42 0.00	42.57 1.45 0.00	45.92 1.78 0.00	69.14 2.57 0.00	145.10 5.45 0.00	170.67 6.01 0.00	192.78 7.09 0.00	55.31 2.39 0.50	63.04 2.80 1.85	56.67 2.69 0.00	51.68 2.61 0.00	54.01 2.77 0.00	75.55 3.69 0.00	79.47 3.81 0.00	85.20 3.92 0.00	80.46 3.45 0.00	83.81 3.43 0.00	151.58 5.65 0.00	111.68 3.36 0.01	138.81 2.69 0.00	63.82 1.75 1.92
NYPA_VERNON____GT2 24162	36.81 1.45 0.00	37.81 1.34 0.00	42.51 1.56 0.00	38.60 1.40 0.00	42.55 1.43 0.00	45.91 1.78 0.00	69.16 2.59 0.00	145.21 5.56 0.00	171.11 6.45 0.00	193.47 7.77 0.00	56.55 2.67 -0.45	66.92 3.17 -1.66	56.92 2.95 0.00	51.88 2.81 0.00	54.27 3.03 0.00	75.93 4.07 0.00	79.91 4.25 0.00	85.72 4.44 0.00	80.91 3.90 0.00	84.27 3.89 0.00	152.34 6.41 0.00	112.25 3.92 -0.01	139.46 3.35 0.00	65.85 1.86 0.00
NYPA_VERNON____GT3 24163	36.81 1.45 0.00	37.81 1.34 0.00	42.51 1.56 0.00	38.60 1.40 0.00	42.55 1.43 0.00	45.91 1.78 0.00	69.16 2.59 0.00	145.21 5.56 0.00	171.11 6.45 0.00	193.47 7.77 0.00	56.55 2.67 -0.45	66.92 3.17 -1.66	56.92 2.95 0.00	51.88 2.81 0.00	54.27 3.03 0.00	75.93 4.07 0.00	79.91 4.25 0.00	85.72 4.44 0.00	80.91 3.90 0.00	84.27 3.89 0.00	152.34 6.41 0.00	112.25 3.92 -0.01	139.46 3.35 0.00	65.85 1.86 0.00
NYPA__ASTORIA_CC1 323568	36.80 1.44 0.00	37.80 1.33 0.00	42.48 1.54 0.00	38.59 1.39 0.00	42.53 1.41 0.00	45.90 1.77 0.00	69.10 2.53 0.00	145.08 5.43 0.00	170.98 6.32 0.00	193.32 7.62 0.00	56.30 2.63 -0.24	66.13 3.15 -0.90	56.89 2.92 0.00	51.87 2.80 0.00	54.25 3.02 0.00	75.89 4.03 0.00	79.87 4.21 0.00	85.66 4.39 0.00	80.85 3.84 0.00	84.21 3.83 0.00	152.21 6.28 0.00	112.18 3.85 0.00	139.38 3.26 0.00	65.83 1.84 0.00
NYPA__ASTORIA_CC2 323569	36.80 1.44 0.00	37.80 1.33 0.00	42.48 1.54 0.00	38.59 1.39 0.00	42.53 1.41 0.00	45.90 1.77 0.00	69.10 2.53 0.00	145.08 5.43 0.00	170.98 6.32 0.00	193.32 7.62 0.00	56.30 2.63 -0.24	66.13 3.15 -0.90	56.89 2.92 0.00	51.87 2.80 0.00	54.25 3.02 0.00	75.89 4.03 0.00	79.87 4.21 0.00	85.66 4.39 0.00	80.85 3.84 0.00	84.21 3.83 0.00	152.21 6.28 0.00	112.18 3.85 0.00	139.38 3.26 0.00	65.83 1.84 0.00
NYPA__HOLTSVILL 23794	36.93 1.57 0.00	37.78 1.31 0.00	42.43 1.48 0.00	38.52 1.32 0.00	42.54 1.42 0.00	46.01 1.88 0.00	68.70 2.13 0.00	143.95 4.30 0.00	169.21 4.55 0.00	192.34 6.65 0.00	56.41 2.97 -0.02	65.86 3.70 -0.08	57.03 3.06 0.00	52.02 2.95 0.00	54.60 3.36 0.00	75.94 4.08 0.00	80.26 4.60 0.00	85.90 4.63 0.00	80.88 3.88 0.00	83.95 3.57 0.00	153.00 7.07 0.00	113.72 5.39 0.00	139.83 3.71 0.00	65.71 1.73 0.00
NYPA__HELLGATE_GT1 24158	36.70 1.34 0.00	37.66 1.19 0.00	42.33 1.38 0.00	38.45 1.25 0.00	42.36 1.23 0.00	45.72 1.59 0.00	68.91 2.33 0.00	144.62 4.97 0.00	170.37 5.71 0.00	192.44 6.75 0.00	55.87 2.39 -0.05	65.14 2.87 -0.19	56.70 2.72 0.00	51.64 2.57 0.00	54.02 2.78 0.00	75.60 3.74 0.00	79.54 3.88 0.00	85.31 4.04 0.00	80.46 3.46 0.00	83.89 3.51 0.00	151.55 5.63 0.00	111.73 3.40 0.00	138.69 2.57 0.00	65.60 1.62 0.00
NYPA__HELLGATE_GT2 24159	36.70 1.34 0.00	37.66 1.19 0.00	42.33 1.38 0.00	38.45 1.25 0.00	42.36 1.23 0.00	45.72 1.59 0.00	68.91 2.33 0.00	144.62 4.97 0.00	170.37 5.71 0.00	192.44 6.75 0.00	55.87 2.39 -0.05	65.14 2.87 -0.19	56.70 2.72 0.00	51.64 2.57 0.00	54.02 2.78 0.00	75.60 3.74 0.00	79.54 3.88 0.00	85.31 4.04 0.00	80.46 3.46 0.00	83.89 3.51 0.00	151.55 5.63 0.00	111.73 3.40 0.00	138.69 2.57 0.00	65.60 1.62 0.00
NYS_BARGE__HYD 23848	30.41 -2.87 2.08	33.25 -2.94 0.28	31.59 -3.33 6.03	24.09 -2.59 10.52	23.74 -2.61 14.77	30.03 -3.23 10.87	52.32 -5.07 9.18	114.21 -10.29 15.15	146.65 -12.68 5.34	167.25 -14.81 3.63	32.02 -4.69 16.72	43.13 -5.66 13.29	28.51 -5.76 19.71	26.15 -5.33 17.59	28.58 -5.49 17.16	38.33 -8.27 25.26	30.17 -8.57 36.92	25.29 -8.84 47.14	25.35 -7.73 43.93	28.61 -7.53 44.24	114.67 -13.80 17.45	83.42 -9.35 15.56	98.64 -10.60 26.88	39.89 -5.51 18.57

OAK ORCHARD___HYD 24046	34.02 -1.29 0.05	35.11 -1.35 0.00	36.52 -1.48 2.96	30.93 -1.12 5.16	32.82 -1.07 7.23	37.57 -1.23 5.33	64.85 -1.69 0.04	135.78 -2.91 0.97	158.67 -3.64 2.36	181.32 -4.37 0.00	49.14 -1.49 2.79	59.66 -1.79 0.63	47.57 -1.99 4.42	43.81 -1.82 3.45	47.31 -1.86 2.07	64.32 -2.91 4.63	60.53 -2.92 12.21	58.48 -2.80 19.99	58.52 -2.26 16.22	63.80 -2.06 14.52	137.04 -3.87 5.02	98.01 -2.69 7.62	119.77 -3.19 13.16	52.98 -1.90 9.10
OAKDALE___35_KV_LOAD 356122	34.73 -0.63 0.00	35.86 -0.61 0.00	40.18 -0.77 0.00	36.53 -0.67 0.00	40.41 -0.71 0.00	43.37 -0.76 0.00	65.67 -0.90 0.00	137.99 -1.66 0.00	162.46 -2.20 0.00	183.60 -2.10 0.00	52.64 -0.79 0.00	61.15 -0.93 0.00	53.05 -0.92 0.00	48.29 -0.78 0.00	50.58 -0.65 0.00	70.80 -1.05 0.00	68.41 -1.11 6.15	68.16 -1.24 11.87	68.31 -1.08 7.63	75.41 -1.03 3.93	144.58 -1.35 0.00	107.15 -1.17 0.00	134.85 -1.26 0.00	63.29 -0.69 0.00
OCC_CHEM___DRP 24175	29.74 -3.41 2.21	32.64 -3.51 0.31	37.22 -3.73 0.00	34.30 -2.90 0.00	38.19 -2.94 0.00	40.32 -3.81 0.00	50.46 -5.93 10.18	112.34 -12.57 14.75	148.80 -15.40 0.46	163.65 -17.97 4.07	35.79 -5.30 12.34	42.42 -6.23 13.43	35.82 -6.18 11.97	31.59 -5.68 11.81	30.83 -5.91 14.49	45.37 -8.79 17.69	41.78 -8.84 25.04	36.91 -9.18 35.18	41.16 -8.12 27.72	48.44 -8.17 23.76	122.62 -15.23 8.08	97.51 -10.82 0.00	123.84 -12.28 0.00	57.63 -6.35 0.00
OH_GEN_PROXY 24063	30.10 -3.15 2.11	33.00 -3.19 0.28	30.19 -3.49 7.27	21.76 -2.75 12.68	20.53 -2.79 17.81	27.57 -3.45 13.11	51.82 -5.49 9.27	112.61 -11.39 15.65	144.49 -13.86 6.31	165.95 -16.08 3.66	30.44 -5.01 17.97	42.57 -5.87 13.64	26.52 -5.81 21.64	24.66 -5.30 19.11	27.58 -5.54 18.12	36.32 -8.22 27.31	26.92 -8.45 40.29	21.39 -8.73 51.15	20.91 -7.75 48.34	23.46 -7.65 49.26	112.23 -14.09 19.61	79.98 -9.59 18.76	92.87 -10.85 32.40	35.91 -5.68 22.39
OLIN_CORP_DRP 24177	29.86 -3.31 2.19	32.78 -3.38 0.31	37.08 -3.87 0.00	34.14 -3.06 0.00	37.94 -3.18 0.00	40.29 -3.84 10.10	50.31 -6.17 10.10	112.19 -12.84 14.62	148.53 -15.66 0.46	163.60 -18.02 4.08	35.55 -5.62 12.25	42.08 -6.68 13.32	35.62 -6.49 11.87	31.32 -6.04 11.71	30.62 -6.25 14.37	45.05 -9.25 17.55	41.18 -9.51 24.98	36.18 -9.87 35.23	40.54 -8.78 27.68	47.92 -8.80 23.66	122.07 -15.85 8.01	97.49 -10.84 0.00	123.76 -12.35 0.00	57.65 -6.34 0.00
OLIN_CORP_DSASP 323712	29.74 -3.41 2.21	32.64 -3.51 0.31	37.22 -3.73 0.00	34.30 -2.90 0.00	38.19 -2.94 0.00	40.32 -3.81 0.00	50.46 -5.93 10.18	112.34 -12.57 14.75	148.80 -15.40 0.46	163.65 -17.97 4.07	35.79 -5.30 12.34	42.42 -6.23 13.43	35.82 -6.18 11.97	31.59 -5.68 11.81	30.83 -5.91 14.49	45.37 -8.79 17.69	41.78 -8.84 25.04	36.91 -9.18 35.18	41.16 -8.12 27.72	48.44 -8.17 23.76	122.62 -15.23 8.08	97.51 -10.82 0.00	123.84 -12.28 0.00	57.63 -6.35 0.00
ONEIDA_HERK_LFGE 323681	35.22 -0.14 0.00	36.44 -0.03 0.00	41.31 0.36 0.00	37.60 0.40 0.00	41.38 0.26 0.00	44.31 0.18 0.00	67.16 0.58 0.00	141.02 1.37 0.00	165.92 1.26 0.00	186.86 1.17 0.00	53.62 0.20 0.00	62.13 0.04 0.00	53.59 -0.38 0.00	48.52 -0.55 0.00	50.81 -0.42 0.00	71.68 -0.18 0.00	75.65 -0.01 0.00	81.49 0.22 0.00	77.75 0.75 0.00	81.70 1.33 0.00	148.85 2.92 0.00	110.91 2.59 0.00	139.02 2.91 0.00	110.64 1.32 -45.34
ONEIDA___115KV_TB4 55905	35.74 0.38 0.00	36.87 0.39 0.00	41.49 0.55 0.00	37.75 0.55 0.00	41.72 0.59 0.00	44.79 0.66 0.00	67.99 1.41 0.00	142.89 3.24 0.00	168.38 3.72 0.00	189.80 4.11 0.00	54.58 1.16 0.00	63.23 1.15 0.00	54.75 0.78 0.00	49.60 0.53 0.00	51.89 0.66 0.00	73.13 1.28 0.00	77.17 1.50 0.00	83.02 1.74 0.00	78.92 1.92 0.00	82.72 2.34 0.00	150.15 4.22 0.00	111.21 2.89 0.00	139.51 3.39 0.00	84.35 1.48 -18.88
ONONDAGA_REF_OCCRA 23987	35.01 -0.36 0.00	36.07 -0.40 0.00	40.46 -0.49 0.00	36.78 -0.42 0.00	40.70 -0.42 0.00	43.72 -0.41 0.00	66.26 -0.31 0.00	139.38 -0.27 0.00	164.31 -0.35 0.00	185.47 -0.23 0.00	53.25 -0.17 0.00	61.83 -0.26 0.00	53.61 -0.37 0.00	48.70 -0.38 0.00	50.99 -0.24 0.00	71.48 -0.38 0.00	78.22 -0.33 -2.89	87.54 -0.24 -6.50	80.75 -0.03 -3.78	82.24 0.02 -1.85	146.05 0.12 0.00	108.24 -0.09 0.00	135.96 -0.16 0.00	70.90 -0.20 -7.12
ONONDAGA___COGEN 23986	34.99 -0.37 0.00	36.04 -0.43 0.00	40.43 -0.51 0.00	36.76 -0.44 0.00	40.66 -0.47 0.00	43.70 -0.43 0.00	66.28 -0.30 0.00	139.39 -0.27 0.00	164.20 -0.46 0.00	185.28 -0.41 0.00	53.17 -0.26 0.00	61.78 -0.30 0.00	53.54 -0.43 0.00	48.68 -0.40 0.00	50.93 -0.30 0.00	71.40 -0.46 0.00	75.33 -0.34 0.00	81.02 -0.25 0.00	76.92 -0.09 0.00	80.33 -0.05 0.00	145.96 0.03 0.00	108.21 -0.12 0.00	135.87 -0.24 0.00	71.03 -0.22 -7.26
ONTARIO___LFGE 23819	35.56 -0.99 -1.19	35.65 -1.00 -0.17	39.78 -1.17 0.00	36.22 -0.98 0.00	40.21 -0.91 0.00	43.20 -0.93 0.00	72.01 -1.00 -6.44	147.88 -1.10 -9.33	163.25 -1.71 -0.29	186.44 -1.84 -2.58	59.98 -1.20 -7.75	68.73 -1.80 -8.44	59.64 -1.85 -7.52	54.82 -1.67 -7.42	58.79 -1.54 -9.10	80.80 -2.17 -11.12	73.51 -2.18 -0.03	63.67 -2.22 15.39	71.69 -1.73 3.58	83.84 -1.48 -4.94	148.90 -2.12 -5.09	106.74 -1.59 0.00	134.53 -1.59 0.00	63.14 -0.85 0.00
ORANGEVILLE_WT_PWR 323706	23.51 -3.61 8.24	31.66 -3.64 1.16	33.43 -4.11 3.42	27.87 -3.37 5.96	29.30 -3.45 8.36	33.98 -3.99 6.16	22.62 -6.03 37.93	71.46 -12.21 55.98	145.57 -14.91 4.18	155.54 -16.70 13.45	-0.10 -5.01 48.51	5.31 -6.05 50.73	-1.36 -5.68 49.65	-4.04 -5.18 47.94	-10.45 -5.37 56.31	-7.33 -7.98 71.21	-12.58 -8.54 79.71	-15.06 -8.92 87.41	-15.62 -7.79 84.84	-14.73 -7.55 87.56	97.67 -12.40 35.86	91.80 -7.71 8.81	112.85 -8.04 15.22	49.42 -4.05 10.52
ORANGEVILLE___ESR 323794	23.51 -3.61 8.24	31.66 -3.64 1.16	33.43 -4.11 3.42	27.87 -3.37 5.96	29.30 -3.45 8.36	33.98 -3.99 6.16	22.62 -6.03 37.93	71.46 -12.21 55.98	145.57 -14.91 4.18	155.54 -16.70 13.45	-0.10 -5.01 48.51	5.31 -6.05 50.73	-1.36 -5.68 49.65	-4.04 -5.18 47.94	-10.45 -5.37 56.31	-7.33 -7.98 71.21	-12.58 -8.54 79.71	-15.06 -8.92 87.41	-15.62 -7.79 84.84	-14.73 -7.55 87.56	97.67 -12.40 35.86	91.80 -7.71 8.81	112.85 -8.04 15.22	49.42 -4.05 10.52
OSWEGATCHIE___HYD 24044	34.39 -0.97 0.00	35.65 -0.82 0.00	40.45 -0.50 0.00	36.82 -0.39 0.00	40.44 -0.69 0.00	43.34 -0.79 0.00	65.29 -1.29 0.00	137.52 -2.14 0.00	161.78 -2.88 0.00	181.63 -4.06 0.00	51.78 -1.65 0.00	59.85 -2.24 0.00	51.44 -2.54 0.00	46.42 -2.65 0.00	48.65 -2.58 0.00	68.69 -3.16 0.00	72.35 -3.31 0.00	77.98 -3.30 0.00	74.61 -2.40 0.00	78.66 -1.72 0.00	143.82 -2.12 0.00	108.25 -0.08 0.00	136.24 0.12 0.00	279.63 0.33 -215.32
OSWEGO___5 23606	34.50 -0.86 0.00	35.53 -0.94 0.00	39.88 -1.07 0.00	36.27 -0.93 0.00	40.12 -1.01 0.00	43.03 -1.10 0.00	65.07 -1.50 0.00	136.73 -2.93 0.00	161.16 -3.50 0.00	181.74 -3.94 0.00	52.20 -1.23 0.00	60.64 -1.45 0.00	52.61 -1.36 0.00	47.82 -1.25 0.00	49.99 -1.25 0.00	70.07 -1.79 0.00	73.86 -1.80 0.00	79.41 -1.87 0.00	75.37 -1.64 0.00	78.72 -1.66 0.00	142.98 -2.95 0.00	106.10 -2.23 0.00	133.33 -2.79 0.00	62.60 -1.38 0.00

OSWEGO___6 23613	34.50 -0.86 0.00	35.53 -0.94 0.00	39.88 -1.07 0.00	36.27 -0.93 0.00	40.12 -1.01 0.00	43.03 -1.10 0.00	65.07 -1.50 0.00	136.73 -2.93 0.00	161.16 -3.50 0.00	181.74 -3.94 0.00	52.20 -1.23 0.00	60.64 -1.45 0.00	52.61 -1.36 0.00	47.82 -1.25 0.00	49.99 -1.25 0.00	70.07 -1.79 0.00	73.86 -1.80 0.00	79.41 -1.87 0.00	75.37 -1.64 0.00	78.72 -1.66 0.00	142.98 -2.95 0.00	106.10 -2.23 0.00	133.33 -2.79 0.00	62.60 -1.38 0.00
OUTOKUMPU-AB___DRP 24206	30.35 -2.73 2.28	33.36 -2.79 0.32	37.90 -3.05 0.00	34.88 -2.32 0.00	38.81 -2.31 0.00	41.16 -2.97 0.00	51.41 -4.66 10.50	115.03 -9.41 15.21	152.62 -11.57 0.48	168.01 -13.43 4.25	36.49 -4.19 12.75	43.21 -5.01 13.86	36.57 -5.06 12.35	32.19 -4.70 12.18	31.41 -4.87 14.95	46.20 -7.40 18.26	42.40 -7.48 25.78	37.42 -7.71 36.15	41.83 -6.66 28.53	49.38 -6.52 24.48	125.83 -11.77 8.33	100.24 -8.09 0.00	127.19 -8.93 0.00	59.19 -4.79 0.00
OXBOW___BTM 323836	29.89 -3.11 2.36	32.95 -3.20 0.32	30.67 -3.48 6.81	22.63 -2.69 11.88	21.76 -2.69 16.67	28.38 -3.48 12.27	50.81 -5.32 10.44	111.40 -11.03 17.22	145.12 -13.49 6.04	165.69 -15.84 4.16	29.70 -4.75 18.98	41.35 -5.63 15.10	25.89 -5.75 22.34	23.90 -5.23 19.95	26.33 -5.43 19.48	35.12 -8.09 28.65	26.00 -8.31 41.35	20.49 -8.54 52.25	20.43 -7.47 49.11	23.25 -7.33 49.79	112.17 -14.00 19.76	81.14 -9.62 17.56	94.93 -10.85 30.34	37.34 -5.68 20.96
OXBOW___ 24026	30.00 -3.12 2.24	32.95 -3.20 0.32	37.50 -3.45 0.00	34.53 -2.67 0.00	38.43 -2.69 0.00	40.68 -3.45 0.00	50.85 -5.38 10.34	113.51 -11.16 14.98	150.59 -13.60 0.47	165.65 -15.88 4.16	36.09 -4.80 12.55	42.75 -5.68 13.65	36.15 -5.66 12.16	31.84 -5.24 12.00	31.07 -5.44 14.72	45.70 -8.17 17.98	42.02 -8.23 25.41	37.09 -8.51 35.67	41.41 -7.47 28.13	48.83 -7.42 24.13	124.07 -13.66 8.21	98.76 -9.57 0.00	125.33 -10.79 0.00	58.31 -5.67 0.00
OXY_CHEM_DSASP 323612	29.74 -3.41 2.21	32.64 -3.51 0.31	37.22 -3.73 0.00	34.30 -2.90 0.00	38.19 -2.94 0.00	40.32 -3.81 0.00	50.46 -5.93 10.18	112.34 -12.57 14.75	148.80 -15.40 0.46	163.65 -17.97 4.07	35.79 -5.30 12.34	42.42 -6.23 13.43	35.82 -6.18 11.97	31.59 -5.68 11.81	30.83 -5.91 14.49	45.37 -8.79 17.69	41.78 -8.84 25.04	36.91 -9.18 35.18	41.16 -8.12 27.72	48.44 -8.17 23.76	122.62 -15.23 8.08	97.51 -10.82 0.00	123.84 -12.28 0.00	57.63 -6.35 0.00
OZONE_PARK_ESR 323760	36.95 1.59 0.00	37.96 1.48 0.00	42.65 1.70 0.00	38.74 1.54 0.00	42.72 1.59 0.00	46.07 1.94 0.00	69.46 2.88 0.00	146.02 6.37 0.00	172.08 7.42 0.00	194.70 9.01 0.00	56.45 3.02 0.00	65.75 3.66 0.00	57.29 3.32 0.00	52.23 3.15 0.00	54.66 3.43 0.00	76.48 4.63 0.00	80.54 4.88 0.00	86.44 5.17 0.00	81.63 4.62 0.00	85.08 4.70 0.00	153.83 7.89 0.00	113.34 5.02 0.00	140.82 4.71 0.00	66.32 2.33 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	29.74 -3.41 2.21	32.64 -3.51 0.31	37.22 -3.73 0.00	34.30 -2.90 0.00	38.19 -2.94 0.00	40.32 -3.81 0.00	50.46 -5.93 10.18	112.34 -12.57 14.75	148.80 -15.40 0.46	163.65 -17.97 4.07	35.79 -5.30 12.34	42.42 -6.23 13.43	35.82 -6.18 11.97	31.59 -5.68 11.81	30.83 -5.91 14.49	45.37 -8.79 17.69	41.78 -8.84 25.04	36.91 -9.18 35.18	41.16 -8.12 27.72	48.44 -8.17 23.76	122.62 -15.23 8.08	97.51 -10.82 0.00	123.84 -12.28 0.00	57.63 -6.35 0.00
PACKARD___115KV_DUPONT_184 80571	29.62 -3.41 2.32	32.64 -3.52 0.31	30.36 -3.76 6.83	22.37 -2.92 11.91	21.46 -2.94 16.72	27.98 -3.84 12.31	50.43 -5.87 10.28	110.23 -12.44 16.99	143.36 -15.27 6.03	163.68 -17.94 4.07	29.38 -5.26 18.79	41.02 -6.17 14.89	25.55 -6.25 22.18	23.62 -5.68 19.78	26.07 -5.90 19.26	34.73 -8.73 28.39	25.70 -8.94 41.03	20.28 -9.19 51.81	20.12 -8.12 48.77	22.82 -8.05 49.50	110.65 7.89 19.67	79.84 -10.87 17.61	93.35 -12.34 30.43	36.58 -6.37 21.03
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	36.77 1.41 0.00	37.75 1.28 0.00	42.42 1.48 0.00	38.54 1.34 0.00	42.47 1.34 0.00	45.82 1.69 0.00	69.04 2.47 0.00	145.01 5.36 0.00	170.76 6.10 0.00	192.92 7.23 0.00	56.01 2.54 -0.05	65.31 3.02 -0.20	56.78 2.80 0.00	51.74 2.67 0.00	54.10 2.87 0.00	75.72 3.87 0.00	79.67 4.01 0.00	85.50 4.23 0.00	80.67 3.67 0.00	84.09 3.71 0.00	152.03 6.10 0.00	112.06 3.73 0.00	139.17 3.05 0.00	65.78 1.80 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	37.60 2.23 0.00	38.60 2.13 0.00	43.40 2.46 0.00	39.44 2.24 0.00	43.46 2.34 0.00	46.94 2.81 0.00	70.82 4.24 0.00	148.87 9.22 0.00	175.22 10.56 0.00	197.65 11.96 0.00	57.31 3.83 -0.05	66.90 4.62 -0.20	58.13 4.16 0.00	52.99 3.92 0.00	55.40 4.16 0.00	77.56 5.70 0.00	81.64 5.97 0.00	87.61 6.34 0.00	82.55 5.55 0.00	86.10 5.72 0.00	155.62 9.69 0.00	114.69 6.36 0.00	142.45 6.33 0.00	67.31 3.33 0.00
PATROON___115KV_TB1 80586	36.32 0.96 0.00	37.45 0.98 0.00	42.04 1.10 0.00	38.18 0.98 0.00	42.23 1.10 0.00	45.25 1.11 0.00	68.26 1.69 0.00	142.84 3.18 0.00	168.55 3.89 0.00	190.08 4.39 0.00	54.89 1.46 0.00	63.90 1.82 0.00	55.77 1.80 0.00	50.76 1.69 0.00	52.98 1.75 0.00	74.45 2.60 0.00	78.37 2.70 0.00	84.08 2.80 0.00	79.47 2.47 0.00	82.73 2.35 0.00	149.88 3.95 0.00	111.02 2.69 0.00	139.43 3.31 0.00	65.51 1.53 0.00
PATRSNVILLE___SOLAR 323815	36.14 0.78 0.00	37.23 0.76 0.00	41.81 0.86 0.00	37.99 0.79 0.00	42.03 0.90 0.00	45.09 0.96 0.00	68.12 1.54 0.00	142.93 3.28 0.00	168.46 3.80 0.00	189.59 3.90 0.00	54.54 1.12 0.00	63.35 1.27 0.00	55.16 1.19 0.00	50.09 1.01 0.00	52.20 0.97 0.00	73.50 1.65 0.00	77.58 1.92 0.00	83.49 2.22 0.00	79.15 2.14 0.00	82.63 2.25 0.00	149.88 3.95 0.00	111.02 2.69 0.00	139.23 3.12 0.00	65.40 1.41 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	31.10 -1.94 2.32	34.18 -1.96 0.33	38.77 -2.18 0.00	35.65 -1.55 0.00	39.66 -1.46 0.00	42.23 -1.90 0.00	52.66 -3.16 10.75	117.87 -6.21 15.57	156.69 -7.45 0.52	172.92 -8.13 4.64	37.38 -2.89 13.16	44.39 -3.51 14.18	37.86 -3.48 12.64	33.36 -3.25 12.47	32.49 -3.44 15.30	47.75 -5.42 18.68	42.75 -5.38 27.54	36.05 -5.45 39.77	41.68 -4.58 30.74	50.23 -4.35 25.80	129.95 -7.45 8.53	103.54 -4.79 0.00	131.42 -4.70 0.00	61.24 -2.75 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	36.60 1.24 0.00	37.62 1.15 0.00	42.32 1.37 0.00	38.43 1.23 0.00	42.43 1.30 0.00	45.71 1.58 0.00	69.00 2.43 0.00	144.87 5.22 0.00	170.74 6.08 0.00	193.23 7.54 0.00	55.95 2.52 0.00	65.15 3.06 0.00	56.78 2.81 0.00	51.73 2.66 0.00	54.16 2.93 0.00	75.84 3.99 0.00	79.89 4.22 0.00	85.83 4.56 0.00	81.14 4.13 0.00	84.55 4.17 0.00	152.99 7.06 0.00	112.79 4.46 0.00	140.39 4.28 0.00	66.00 2.01 0.00
PEEKSKILL___ 23653	36.33 0.97 0.00	37.34 0.87 0.00	42.01 1.06 0.00	38.17 0.96 0.00	42.08 0.96 0.00	45.35 1.22 0.00	68.40 1.82 0.00	143.57 3.92 0.00	169.08 4.42 0.00	191.34 5.65 0.00	55.43 2.01 0.00	64.51 2.43 0.00	56.23 2.26 0.00	51.22 2.15 0.00	53.60 2.37 0.00	75.00 3.14 0.00	79.00 3.34 0.00	84.81 3.53 0.00	80.07 3.07 0.00	83.44 3.06 0.00	150.91 4.98 0.00	111.31 2.98 0.00	138.63 2.51 0.00	65.26 1.28 0.00

PGE MADISON___WINDPWR 24146	35.09 -0.63 -0.36	36.10 -0.43 -0.05	39.94 -1.00 0.00	36.32 -0.88 0.00	40.46 -0.66 0.00	44.08 -0.05 0.00	68.35 0.26 -1.52	144.95 3.10 -2.20	168.29 3.56 -0.07	188.34 2.00 -0.65	55.50 0.23 -1.84	64.25 0.19 -1.98	55.75 0.01 -1.77	50.70 -0.12 -1.74	53.53 0.16 -2.14	75.27 0.81 -2.61	92.71 1.26 -15.79	114.84 1.32 -32.25	98.77 1.86 -19.90	94.14 2.48 -11.27	154.03 6.90 -1.20	111.88 3.56 0.00	139.69 3.57 0.00	65.55 1.57 0.00
PIERCEFIELD___HYD 23852	35.21 -0.15 0.00	36.46 -0.01 0.00	40.95 0.00 0.00	37.17 -0.03 0.00	40.99 -0.13 0.00	44.09 -0.04 0.00	66.07 -0.51 0.00	139.32 -0.33 0.00	164.34 -0.32 0.00	184.57 -1.12 0.00	52.61 -0.81 0.00	60.87 -1.22 0.00	52.58 -1.39 0.00	47.55 -1.53 0.00	49.61 -1.62 0.00	69.84 -2.01 0.00	73.30 -2.36 0.00	78.83 -2.44 0.00	74.76 -2.25 0.00	78.47 -1.91 0.00	142.87 -3.07 0.00	107.55 -0.77 0.00	136.35 0.23 0.00	376.90 0.69 -312.23
PINELAWN_CC_1 323563	36.93 1.57 0.00	37.80 1.33 0.00	42.43 1.49 0.00	38.52 1.33 0.00	42.54 1.41 0.00	45.99 1.85 0.00	68.79 2.22 0.00	144.46 4.80 0.00	169.97 5.31 0.00	193.00 7.31 0.00	56.38 2.94 -0.02	65.65 3.48 -0.08	56.89 2.92 0.00	51.92 2.85 0.00	54.48 3.25 0.00	75.72 3.87 0.00	79.99 4.33 0.00	85.83 4.56 0.00	80.87 3.86 0.00	84.09 3.71 0.00	152.97 7.04 0.00	113.20 4.87 0.00	139.63 3.52 0.00	65.76 1.78 0.00
PJM_GEN_HTP_PROXY 323702	36.63 1.27 0.00	37.64 1.17 0.00	42.32 1.38 0.00	38.43 1.24 0.00	42.38 1.26 0.00	45.71 1.57 0.00	68.73 2.25 0.10	139.75 4.86 4.76	170.30 5.64 0.00	192.66 6.97 0.00	55.86 2.44 0.00	65.05 2.97 0.00	56.70 2.73 0.00	51.67 2.60 0.00	54.07 2.84 0.00	75.64 3.79 0.00	79.67 4.00 0.00	85.49 4.22 0.00	80.70 3.69 0.00	84.04 3.66 0.00	151.93 6.00 0.00	111.70 3.67 0.30	139.24 3.13 0.00	57.81 1.62 7.79
PJM_GEN_KEystone 24065	33.58 -1.03 0.75	35.29 -1.09 0.09	31.84 -1.22 7.89	22.43 -1.00 13.76	20.71 -1.09 19.32	28.70 -1.20 14.22	62.06 -1.58 2.93	125.86 -2.97 10.82	140.38 -3.81 20.47	178.47 -3.85 3.37	26.90 -1.20 25.33	32.44 -1.36 28.29	39.16 -1.26 13.55	36.99 -1.04 11.05	41.74 -0.93 8.56	54.95 -1.61 15.30	40.15 -1.78 33.74	44.01 -1.96 35.30	41.09 -1.86 34.06	43.26 -1.81 35.31	127.33 -3.19 15.41	86.35 -2.58 19.40	100.82 -3.29 32.00	33.11 -1.64 29.23
PJM_GEN_NEPTUNE_PROXY 323594	36.53 1.17 0.00	37.45 0.98 0.00	42.07 1.12 0.00	38.19 0.99 0.00	42.17 1.04 0.00	45.53 1.40 0.00	68.05 1.57 0.10	138.33 3.44 4.76	168.42 3.76 0.00	190.99 5.30 0.00	55.73 2.28 -0.02	64.88 2.71 -0.08	56.29 2.32 0.00	51.37 2.30 0.00	53.84 2.61 0.00	74.93 3.08 0.00	79.15 3.48 0.00	84.95 3.68 0.00	80.05 3.05 0.00	83.29 2.92 0.00	151.26 5.33 0.00	111.46 3.43 0.30	138.19 2.07 0.00	57.35 1.16 7.79
PJM_GEN_VFT_PROXY 323633	36.54 1.18 0.00	37.53 1.06 0.00	42.19 1.24 0.00	38.32 1.12 0.00	42.24 1.12 0.00	45.54 1.41 0.00	68.47 2.00 0.10	138.58 4.31 5.39	167.98 4.98 1.66	189.60 6.22 2.31	52.65 2.24 3.02	57.86 2.76 6.99	53.36 2.55 3.17	51.49 2.44 0.03	53.32 2.68 0.59	75.42 3.57 0.01	-32.72 3.78 112.17	64.78 3.97 20.46	62.66 3.45 17.79	67.31 3.43 16.50	127.34 5.57 24.16	91.43 3.35 20.24	118.25 2.61 20.47	53.08 1.41 12.31
PLATSBURG_115KV_PMLD1 355749	35.54 0.18 0.00	36.75 0.28 0.00	41.12 0.17 0.00	37.00 -0.20 0.00	40.81 -0.31 0.00	43.89 -0.24 0.00	66.03 -0.54 0.00	138.41 -1.24 0.00	163.53 -1.13 0.00	184.53 -1.16 0.00	52.98 -0.44 0.00	61.41 -0.67 0.00	53.32 -0.65 0.00	48.32 -0.75 0.00	50.26 -0.97 0.00	70.70 -1.16 0.00	74.41 -1.25 0.00	79.80 -1.47 0.00	75.04 -1.97 0.00	78.14 -2.24 0.00	142.84 -3.09 0.00	107.45 -0.88 0.00	136.87 0.75 0.00	64.73 0.75 0.00
PLEASANTVLY___LBMP 24000	36.14 0.78 0.00	37.16 0.69 0.00	41.82 0.87 0.00	37.99 0.79 0.00	41.93 0.80 0.00	45.15 1.02 0.00	68.08 1.50 0.00	142.78 3.13 0.00	168.25 3.59 0.00	190.36 4.67 0.00	55.11 1.68 0.00	64.15 2.07 0.00	55.91 1.94 0.00	50.95 1.88 0.00	53.29 2.06 0.00	74.63 2.78 0.00	78.57 2.90 0.00	84.37 3.10 0.00	79.68 2.67 0.00	82.99 2.61 0.00	150.22 4.29 0.00	110.77 2.44 0.00	138.15 2.04 0.00	64.99 1.01 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	36.53 1.17 0.00	37.54 1.07 0.00	42.22 1.27 0.00	38.35 1.15 0.00	42.31 1.19 0.00	45.60 1.47 0.00	68.77 2.20 0.00	144.40 4.75 0.00	170.15 5.49 0.00	192.59 6.90 0.00	55.78 2.35 0.00	64.95 2.87 0.00	56.59 2.62 0.00	51.57 2.50 0.00	53.96 2.73 0.00	75.51 3.65 0.00	79.54 3.87 0.00	85.36 4.09 0.00	80.63 3.63 0.00	84.01 3.63 0.00	152.03 6.10 0.00	112.04 3.72 0.00	139.46 3.34 0.00	65.55 1.56 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	36.53 1.17 0.00	37.54 1.07 0.00	42.22 1.27 0.00	38.35 1.15 0.00	42.31 1.19 0.00	45.60 1.47 0.00	68.77 2.20 0.00	144.40 4.75 0.00	170.15 5.49 0.00	192.59 6.90 0.00	55.78 2.35 0.00	64.95 2.87 0.00	56.59 2.62 0.00	51.57 2.50 0.00	53.96 2.73 0.00	75.51 3.65 0.00	79.54 3.87 0.00	85.36 4.09 0.00	80.63 3.63 0.00	84.01 3.63 0.00	152.03 6.10 0.00	112.04 3.72 0.00	139.46 3.34 0.00	65.55 1.56 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	36.39 1.03 0.00	37.40 0.94 0.00	42.10 1.15 0.00	38.23 1.03 0.00	42.22 1.09 0.00	45.44 1.30 0.00	68.58 2.00 0.00	143.92 4.26 0.00	169.64 4.99 0.00	191.85 6.15 0.00	55.51 2.09 0.00	64.62 2.54 0.00	56.35 2.37 0.00	51.33 2.26 0.00	53.70 2.46 0.00	75.25 3.40 0.00	79.23 3.56 0.00	85.15 3.88 0.00	80.49 3.48 0.00	83.88 3.51 0.00	151.85 5.92 0.00	111.96 3.63 0.00	139.65 3.53 0.00	65.64 1.65 0.00
POLETTI___ 23519	36.69 1.33 0.00	37.69 1.22 0.00	42.36 1.41 0.00	38.48 1.28 0.00	42.44 1.31 0.00	45.75 1.62 0.00	68.91 2.33 0.00	144.76 5.11 0.00	170.56 5.90 0.00	193.03 7.34 0.00	55.97 2.54 0.00	65.18 3.10 0.00	56.80 2.82 0.00	51.78 2.70 0.00	54.17 2.94 0.00	75.78 3.93 0.00	79.81 4.15 0.00	85.63 4.35 0.00	80.84 3.83 0.00	84.21 3.83 0.00	152.23 6.30 0.00	112.21 3.88 0.00	139.43 3.31 0.00	65.71 1.73 0.00
POMONA___ESR 323819	36.32 0.96 0.00	37.34 0.86 0.00	42.00 1.05 0.00	38.17 0.96 0.00	42.08 0.95 0.00	45.34 1.21 0.00	68.40 1.82 0.00	143.51 3.86 0.00	169.06 4.40 0.00	191.29 5.59 0.00	55.40 1.97 0.00	64.47 2.38 0.00	56.19 2.21 0.00	51.18 2.11 0.00	53.55 2.32 0.00	74.94 3.09 0.00	78.93 3.27 0.00	84.74 3.46 0.00	80.00 3.00 0.00	83.37 3.00 0.00	150.86 4.93 0.00	111.27 2.94 0.00	138.61 2.49 0.00	65.26 1.28 0.00
PORT_JEFF_3 23555	36.99 1.63 0.00	37.85 1.38 0.00	42.50 1.56 0.00	38.58 1.38 0.00	42.62 1.50 0.00	46.09 1.96 0.00	68.85 2.27 0.00	144.25 4.59 0.00	169.56 4.90 0.00	192.82 7.13 0.00	56.54 3.09 -0.02	66.03 3.86 -0.08	57.18 3.20 0.00	52.16 3.09 0.00	54.73 3.50 0.00	76.12 4.26 0.00	80.46 4.80 0.00	86.13 4.86 0.00	81.11 4.11 0.00	84.18 3.80 0.00	153.42 7.49 0.00	114.04 5.71 0.00	140.15 4.04 0.00	65.88 1.90 0.00

PORT_JEFF_4 23616	36.99 1.63 0.00	37.85 1.38 0.00	42.50 1.56 0.00	38.58 1.38 0.00	42.62 1.50 0.00	46.09 1.96 0.00	68.85 2.27 0.00	144.25 4.59 0.00	169.56 4.90 0.00	192.82 7.13 0.00	56.54 3.09 -0.02	66.03 3.86 -0.08	57.18 3.20 0.00	52.16 3.09 0.00	54.73 3.50 0.00	76.12 4.26 0.00	80.46 4.80 0.00	86.13 4.86 0.00	81.11 4.11 0.00	84.18 3.80 0.00	153.42 7.49 0.00	114.04 5.71 0.00	140.15 4.04 0.00	65.88 1.90 0.00
PORT_JEFF_IC 23713	37.01 1.65 0.00	37.88 1.40 0.00	42.52 1.57 0.00	38.60 1.40 0.00	42.64 1.52 0.00	46.10 1.97 0.00	68.89 2.31 0.00	144.38 4.73 0.00	169.69 5.03 0.00	192.92 7.23 0.00	56.63 3.18 -0.02	66.13 3.96 -0.08	57.22 3.24 0.00	52.23 3.15 0.00	54.76 3.53 0.00	76.23 4.38 0.00	80.59 4.93 0.00	86.20 4.92 0.00	81.21 4.20 0.00	84.26 3.88 0.00	153.59 7.66 0.00	114.20 5.87 0.00	140.32 4.20 0.00	65.91 1.93 0.00
PPL_PILGRIM_ST_GT1 24216	37.11 1.74 0.00	37.99 1.51 0.00	42.65 1.70 0.00	38.72 1.52 0.00	42.75 1.63 0.00	46.24 2.11 0.00	69.10 2.53 0.00	144.70 5.05 0.00	170.50 5.84 0.00	193.69 8.00 0.00	56.68 3.23 -0.02	66.08 3.92 -0.08	57.15 3.17 0.00	52.12 3.05 0.00	54.83 3.59 0.00	75.84 3.98 0.00	80.10 4.43 0.00	85.83 4.56 0.00	80.66 3.65 0.00	83.79 3.41 0.00	153.21 7.28 0.00	113.70 5.37 0.00	140.02 3.90 0.00	66.03 2.05 0.00
PPL_PILGRIM_ST_GT2 24217	37.11 1.74 0.00	37.99 1.51 0.00	42.65 1.70 0.00	38.72 1.52 0.00	42.75 1.63 0.00	46.24 2.11 0.00	69.10 2.53 0.00	144.70 5.05 0.00	170.50 5.84 0.00	193.69 8.00 0.00	56.68 3.23 -0.02	66.08 3.92 -0.08	57.15 3.17 0.00	52.12 3.05 0.00	54.83 3.59 0.00	75.84 3.98 0.00	80.10 4.43 0.00	85.83 4.56 0.00	80.66 3.65 0.00	83.79 3.41 0.00	153.21 7.28 0.00	113.70 5.37 0.00	140.02 3.90 0.00	66.03 2.05 0.00
PPL_SHRM_GT3 24213	37.13 1.77 0.00	37.96 1.49 0.00	42.63 1.68 0.00	38.70 1.50 0.00	42.75 1.63 0.00	46.27 2.14 0.00	68.94 2.37 0.00	144.11 4.45 0.00	168.90 4.24 0.00	192.33 6.64 0.00	56.78 3.34 -0.02	66.40 4.23 -0.08	57.30 3.33 0.00	52.22 3.15 0.00	54.80 3.57 0.00	76.30 4.44 0.00	80.69 5.02 0.00	85.88 4.60 0.00	80.75 3.74 0.00	83.41 3.03 0.00	152.77 6.84 0.00	114.82 6.49 0.00	140.07 3.96 0.00	65.50 1.51 0.00
PPL_SHRM_GT4 24214	37.13 1.77 0.00	37.96 1.49 0.00	42.63 1.68 0.00	38.70 1.50 0.00	42.75 1.63 0.00	46.27 2.14 0.00	68.94 2.37 0.00	144.11 4.45 0.00	168.90 4.24 0.00	192.33 6.64 0.00	56.78 3.34 -0.02	66.40 4.23 -0.08	57.30 3.33 0.00	52.22 3.15 0.00	54.80 3.57 0.00	76.30 4.44 0.00	80.69 5.02 0.00	85.88 4.60 0.00	80.75 3.74 0.00	83.41 3.03 0.00	152.77 6.84 0.00	114.82 6.49 0.00	140.07 3.96 0.00	65.50 1.51 0.00
PROJECT__ORANGE 1 24174	34.87 -0.49 0.00	35.91 -0.56 0.00	40.30 -0.65 0.00	36.64 -0.56 0.00	40.56 -0.56 0.00	43.56 -0.58 0.00	65.93 -0.65 0.00	138.67 -0.98 0.00	163.48 -1.19 0.00	184.49 -1.20 0.00	52.98 -0.44 0.00	61.52 -0.57 0.00	53.35 -0.62 0.00	48.48 -0.59 0.00	50.76 -0.48 0.00	71.12 -0.73 0.00	74.95 -0.72 0.00	80.58 -0.70 0.00	76.53 -0.48 0.00	79.91 -0.47 0.00	145.14 -0.80 0.00	107.59 -0.74 0.00	135.14 -0.98 0.00	71.12 -0.58 -7.72
PROJECT__ORANGE 2 24166	34.87 -0.49 0.00	35.91 -0.56 0.00	40.30 -0.65 0.00	36.64 -0.56 0.00	40.56 -0.56 0.00	43.56 -0.58 0.00	65.93 -0.65 0.00	138.67 -0.98 0.00	163.48 -1.19 0.00	184.49 -1.20 0.00	52.98 -0.44 0.00	61.52 -0.57 0.00	53.35 -0.62 0.00	48.48 -0.59 0.00	50.76 -0.48 0.00	71.12 -0.73 0.00	74.95 -0.72 0.00	80.58 -0.70 0.00	76.53 -0.48 0.00	79.91 -0.47 0.00	145.14 -0.80 0.00	107.59 -0.74 0.00	135.14 -0.98 0.00	71.12 -0.58 -7.72
PUCKETT__SOLAR 323809	34.89 -0.51 -0.04	35.99 -0.48 0.00	42.90 -0.67 -2.62	41.19 -0.58 -4.57	46.94 -0.60 -6.42	48.32 -0.53 -4.72	66.16 -0.45 -0.04	140.22 -0.29 -0.86	166.20 -0.55 -2.09	184.93 -0.76 0.00	55.43 -0.47 -2.47	62.00 -0.64 -0.56	57.20 -0.69 -3.92	51.50 -0.63 -3.06	52.68 -0.38 -1.83	75.49 -0.47 -4.11	79.45 -0.38 -4.16	84.22 -0.39 -3.33	82.61 -0.19 -5.79	89.00 0.00 -8.62	151.15 0.77 -4.45	115.09 0.01 -6.76	147.86 0.07 -11.67	71.99 -0.06 -8.07
PYRITES__HYD 24023	36.03 0.66 0.00	37.27 0.80 0.00	41.79 0.84 0.00	37.96 0.76 0.00	41.88 0.76 0.00	45.13 1.00 0.00	67.72 1.14 0.00	142.84 3.19 0.00	168.52 3.86 0.00	189.04 3.35 0.00	53.60 0.17 0.00	61.92 -0.17 0.00	53.31 -0.67 0.00	48.04 -1.03 0.00	50.18 -1.06 0.00	70.77 -1.08 0.00	74.45 -1.21 0.00	80.46 -0.81 0.00	76.60 -0.40 0.00	80.51 0.13 0.00	146.36 0.43 0.00	110.00 1.68 0.00	139.31 3.20 0.00	396.49 2.02 -330.49
QUAKERRD_115KV_BK1 80622	33.54 -1.82 0.00	34.57 -1.90 0.00	38.87 -2.08 0.00	35.47 -1.73 0.00	39.35 -1.77 0.00	42.18 -1.95 0.00	63.77 -2.80 0.00	134.38 -5.27 0.00	158.23 -6.43 0.00	178.23 -7.47 0.00	51.06 -2.37 0.00	59.29 -2.80 0.00	51.23 -2.75 0.00	46.53 -2.54 0.00	48.64 -2.59 0.00	67.97 -3.89 0.00	67.37 -3.84 4.46	66.60 -3.87 10.82	67.66 -3.34 6.00	74.22 -3.31 2.85	139.84 -6.09 0.00	103.88 -4.45 0.00	130.63 -5.48 0.00	61.09 -2.89 0.00
QUENSBRY_115KV_TB8 356137	37.03 1.67 0.00	38.08 1.61 0.00	42.72 1.77 0.00	38.68 1.49 0.00	42.98 1.85 0.00	46.18 2.05 0.00	69.72 3.14 0.00	145.96 6.30 0.00	172.19 7.53 0.00	193.90 8.21 0.00	55.84 2.41 0.00	65.16 3.08 0.00	57.02 3.04 0.00	51.85 2.78 0.00	53.99 2.76 0.00	76.19 4.34 0.00	80.38 4.72 0.00	86.75 5.47 0.00	82.14 5.14 0.00	85.21 4.83 0.00	154.20 8.27 0.00	113.41 5.08 0.00	141.92 5.80 0.00	66.14 2.15 0.00
RAMAPO__LBMP 323565	36.17 0.81 0.00	37.19 0.72 0.00	41.85 0.90 0.00	38.02 0.82 0.00	41.93 0.80 0.00	45.17 1.04 0.00	68.16 1.59 0.00	143.05 3.40 0.00	168.39 3.73 0.00	190.52 4.83 0.00	55.17 1.75 0.00	64.19 2.11 0.00	55.93 1.96 0.00	50.94 1.86 0.00	53.29 2.06 0.00	74.62 2.77 0.00	78.55 2.89 0.00	84.32 3.05 0.00	79.65 2.64 0.00	83.01 2.63 0.00	150.13 4.20 0.00	110.76 2.43 0.00	138.03 1.91 0.00	64.99 1.01 0.00
RANKINE____ 23646	30.18 -2.52 2.66	33.55 -2.55 0.38	38.13 -2.82 0.00	35.07 -2.13 0.00	39.02 -2.11 0.00	41.52 -2.61 0.00	50.06 -4.21 12.31	113.46 -8.36 17.82	153.93 -10.16 0.57	169.31 -11.30 5.08	34.70 -3.75 14.97	41.35 -4.50 16.24	35.08 -4.43 14.47	30.66 -4.14 14.27	29.35 -4.37 17.51	43.78 -6.68 21.39	39.24 -6.77 29.66	33.35 -6.90 41.03	38.36 -5.97 32.69	46.38 -5.66 28.33	126.45 -9.72 9.76	101.93 -6.40 0.00	129.34 -6.78 0.00	60.29 -3.69 0.00
RAVENSWOOD_GT2_1 24244	36.67 1.31 0.00	37.67 1.20 0.00	42.35 1.40 0.00	38.46 1.26 0.00	42.40 1.28 0.00	45.73 1.60 0.00	68.90 2.32 0.00	144.66 5.01 0.00	170.48 5.82 0.00	192.90 7.21 0.00	55.96 2.51 -0.02	65.21 3.04 -0.09	56.75 2.78 0.00	51.73 2.66 0.00	54.12 2.89 0.00	75.72 3.87 0.00	79.74 4.07 0.00	85.56 4.28 0.00	80.78 3.77 0.00	84.13 3.75 0.00	152.15 6.22 0.00	112.13 3.80 0.00	139.37 3.26 0.00	65.68 1.70 0.00

RAVENSWOOD_GT2_2 24245	36.67 1.31 0.00	37.67 1.20 0.00	42.35 1.40 0.00	38.46 1.26 0.00	42.40 1.28 0.00	45.73 1.60 0.00	68.90 2.32 0.00	144.66 5.01 0.00	170.48 5.82 0.00	192.90 7.21 0.00	55.96 2.51 -0.02	65.21 3.04 -0.09	56.75 2.78 0.00	51.73 2.66 0.00	54.12 2.89 0.00	75.72 3.87 0.00	79.74 4.07 0.00	85.56 4.28 0.00	80.78 3.77 0.00	84.13 3.75 0.00	152.15 6.22 0.00	112.13 3.80 0.00	139.37 3.26 0.00	65.68 1.70 0.00
RAVENSWOOD_GT2_3 24246	36.68 1.32 0.00	37.68 1.21 0.00	42.36 1.41 0.00	38.48 1.27 0.00	42.43 1.31 0.00	45.75 1.62 0.00	68.92 2.35 0.00	144.78 5.12 0.00	170.55 5.89 0.00	192.99 7.30 0.00	55.97 2.52 -0.02	65.24 3.07 -0.09	56.78 2.81 0.00	51.76 2.69 0.00	54.16 2.93 0.00	75.77 3.91 0.00	79.77 4.10 0.00	85.59 4.32 0.00	80.82 3.81 0.00	84.19 3.81 0.00	152.21 6.28 0.00	112.18 3.85 0.00	139.42 3.30 0.00	65.71 1.73 0.00
RAVENSWOOD_GT2_4 24247	36.68 1.32 0.00	37.68 1.21 0.00	42.36 1.41 0.00	38.48 1.27 0.00	42.43 1.31 0.00	45.75 1.62 0.00	68.92 2.35 0.00	144.78 5.12 0.00	170.55 5.89 0.00	192.99 7.30 0.00	55.97 2.52 -0.02	65.24 3.07 -0.09	56.78 2.81 0.00	51.76 2.69 0.00	54.16 2.93 0.00	75.77 3.91 0.00	79.77 4.10 0.00	85.59 4.32 0.00	80.82 3.81 0.00	84.19 3.81 0.00	152.21 6.28 0.00	112.18 3.85 0.00	139.42 3.30 0.00	65.71 1.73 0.00
RAVENSWOOD_GT3_1 24248	36.67 1.31 0.00	37.67 1.20 0.00	42.35 1.40 0.00	38.46 1.26 0.00	42.40 1.28 0.00	45.73 1.60 0.00	68.90 2.32 0.00	144.66 5.01 0.00	170.48 5.82 0.00	192.90 7.21 0.00	55.96 2.51 -0.02	65.21 3.04 -0.09	56.75 2.78 0.00	51.73 2.66 0.00	54.13 2.89 0.00	75.72 3.87 0.00	79.74 4.07 0.00	85.56 4.28 0.00	80.78 3.77 0.00	84.13 3.75 0.00	152.16 6.23 0.00	112.13 3.80 0.00	139.37 3.26 0.00	65.68 1.70 0.00
RAVENSWOOD_GT3_2 24249	36.67 1.31 0.00	37.67 1.20 0.00	42.35 1.40 0.00	38.46 1.26 0.00	42.40 1.28 0.00	45.73 1.60 0.00	68.90 2.32 0.00	144.66 5.01 0.00	170.48 5.82 0.00	192.90 7.21 0.00	55.96 2.51 -0.02	65.21 3.04 0.00	56.75 2.78 0.00	51.73 2.66 0.00	54.13 2.89 0.00	75.72 3.87 0.00	79.74 4.07 0.00	85.56 4.28 0.00	80.78 3.77 0.00	84.13 3.75 0.00	152.16 6.23 0.00	112.13 3.80 0.00	139.37 3.26 0.00	65.68 1.70 0.00
RAVENSWOOD_GT3_3 24250	36.71 1.35 0.00	37.72 1.24 0.00	42.39 1.44 0.00	38.51 1.31 0.00	42.47 1.34 0.00	45.78 1.66 0.00	68.99 2.41 0.00	144.91 5.26 0.00	170.72 6.06 0.00	193.21 7.52 0.00	56.04 2.59 -0.02	65.31 3.14 -0.09	56.84 2.87 0.00	51.81 2.74 0.00	54.21 2.98 0.00	75.85 4.00 0.00	79.86 4.19 0.00	85.68 4.40 0.00	80.91 3.90 0.00	84.28 3.90 0.00	152.36 6.43 0.00	112.30 3.97 0.00	139.57 3.45 0.00	65.78 1.80 0.00
RAVENSWOOD_GT3_4 24251	36.71 1.35 0.00	37.72 1.24 0.00	42.39 1.44 0.00	38.51 1.31 0.00	42.47 1.34 0.00	45.78 1.66 0.00	68.99 2.41 0.00	144.91 5.26 0.00	170.72 6.06 0.00	193.21 7.52 0.00	56.04 2.59 -0.02	65.31 3.14 -0.09	56.84 2.87 0.00	51.81 2.74 0.00	54.21 2.98 0.00	75.85 4.00 0.00	79.86 4.19 0.00	85.68 4.40 0.00	80.91 3.90 0.00	84.28 3.90 0.00	152.36 6.43 0.00	112.30 3.97 0.00	139.57 3.45 0.00	65.78 1.80 0.00
RAVENSWOOD_GT_1 23729	36.81 1.45 0.00	37.81 1.34 0.00	42.50 1.55 0.00	38.60 1.40 0.00	42.56 1.44 0.00	45.90 1.77 0.00	69.17 2.59 0.00	145.29 5.63 0.00	171.12 6.46 0.00	193.46 7.76 0.00	56.56 2.69 -0.45	66.93 3.18 -1.66	56.91 2.94 0.00	51.89 2.81 0.00	54.27 3.04 0.00	75.92 4.07 0.00	79.90 4.24 0.00	85.70 4.43 0.00	80.90 3.90 0.00	84.27 3.89 0.00	152.31 6.38 0.00	112.27 3.93 -0.01	139.44 3.32 0.00	65.85 1.87 0.00
RAVENSWOOD_GT_10 24258	36.67 1.31 0.00	37.67 1.20 0.00	42.34 1.39 0.00	38.46 1.26 0.00	42.40 1.28 0.00	45.73 1.60 0.00	68.90 2.32 0.00	144.66 5.01 0.00	170.48 5.82 0.00	192.85 7.16 0.00	55.99 2.50 -0.07	65.39 3.04 -0.27	56.75 2.78 0.00	51.73 2.65 0.00	54.12 2.89 0.00	75.71 3.86 0.00	79.74 4.07 0.00	85.56 4.28 0.00	80.78 3.77 0.00	84.13 3.75 0.00	152.16 6.23 0.00	112.14 3.80 0.00	139.37 3.26 0.00	65.68 1.70 0.00
RAVENSWOOD_GT_11 24259	36.67 1.31 0.00	37.67 1.20 0.00	42.34 1.39 0.00	38.46 1.26 0.00	42.40 1.28 0.00	45.73 1.60 0.00	68.90 2.32 0.00	144.66 5.01 0.00	170.48 5.82 0.00	192.85 7.16 0.00	55.99 2.50 -0.07	65.39 3.04 -0.27	56.75 2.78 0.00	51.73 2.65 0.00	54.12 2.89 0.00	75.71 3.86 0.00	79.74 4.07 0.00	85.56 4.28 0.00	80.78 3.77 0.00	84.13 3.75 0.00	152.16 6.23 0.00	112.14 3.80 0.00	139.37 3.26 0.00	65.68 1.70 0.00
RAVENSWOOD_GT_4 24252	36.70 1.33 0.00	37.70 1.23 0.00	42.37 1.42 0.00	38.49 1.29 0.00	42.45 1.32 0.00	45.76 1.63 0.00	68.96 2.38 0.00	144.79 5.14 0.00	170.62 5.96 0.00	193.03 7.34 0.00	56.21 2.54 -0.25	66.08 3.07 -0.92	56.79 2.82 0.00	51.77 2.70 0.00	54.16 2.93 0.00	75.78 3.93 0.00	79.77 4.11 0.00	85.57 4.29 0.00	80.78 3.77 0.00	84.15 3.78 0.00	152.16 6.23 0.00	112.14 3.81 0.00	139.37 3.25 0.00	65.72 1.74 0.00
RAVENSWOOD_GT_5 24254	36.70 1.33 0.00	37.70 1.23 0.00	42.37 1.42 0.00	38.49 1.29 0.00	42.45 1.32 0.00	45.76 1.63 0.00	68.96 2.38 0.00	144.79 5.14 0.00	170.62 5.96 0.00	193.03 7.34 0.00	56.21 2.54 -0.25	66.08 3.07 -0.92	56.79 2.82 0.00	51.77 2.70 0.00	54.16 2.93 0.00	75.78 3.93 0.00	79.77 4.11 0.00	85.57 4.29 0.00	80.78 3.77 0.00	84.15 3.78 0.00	152.16 6.23 0.00	112.14 3.81 0.00	139.37 3.25 0.00	65.72 1.74 0.00
RAVENSWOOD_GT_6 24253	36.70 1.33 0.00	37.70 1.23 0.00	42.37 1.42 0.00	38.49 1.29 0.00	42.45 1.32 0.00	45.76 1.63 0.00	68.96 2.38 0.00	144.79 5.14 0.00	170.62 5.96 0.00	193.03 7.34 0.00	56.21 2.54 -0.25	66.08 3.07 -0.92	56.79 2.82 0.00	51.77 2.70 0.00	54.16 2.93 0.00	75.78 3.93 0.00	79.77 4.11 0.00	85.57 4.29 0.00	80.78 3.77 0.00	84.15 3.78 0.00	152.16 6.23 0.00	112.14 3.81 0.00	139.37 3.25 0.00	65.72 1.74 0.00
RAVENSWOOD_GT_7 24255	36.70 1.33 0.00	37.70 1.23 0.00	42.37 1.42 0.00	38.49 1.29 0.00	42.45 1.32 0.00	45.76 1.63 0.00	68.96 2.38 0.00	144.79 5.14 0.00	170.62 5.96 0.00	193.03 7.34 0.00	56.21 2.54 -0.25	66.08 3.07 -0.92	56.79 2.82 0.00	51.77 2.70 0.00	54.16 2.93 0.00	75.78 3.93 0.00	79.77 4.11 0.00	85.57 4.29 0.00	80.78 3.77 0.00	84.15 3.78 0.00	152.16 6.23 0.00	112.14 3.81 0.00	139.37 3.25 0.00	65.72 1.74 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	36.67 1.31 0.00	37.67 1.20 0.00	42.34 1.39 0.00	38.46 1.26 0.00	42.40 1.28 0.00	45.73 1.60 0.00	68.90 2.32 0.00	144.66 5.01 0.00	170.48 5.82 0.00	192.85 7.16 0.00	55.99 2.50 -0.07	65.39 3.04 -0.27	56.75 2.78 0.00	51.73 2.65 0.00	54.12 2.89 0.00	75.71 3.86 0.00	79.74 4.07 0.00	85.56 4.28 0.00	80.78 3.77 0.00	84.13 3.75 0.00	152.16 6.23 0.00	112.14 3.80 0.00	139.37 3.26 0.00	65.68 1.70 0.00

RAVENSWOOD_GT_9 24257	36.67 1.31 0.00	37.67 1.20 0.00	42.34 1.39 0.00	38.46 1.26 0.00	42.40 1.28 0.00	45.73 1.60 0.00	68.90 2.32 0.00	144.66 5.01 0.00	170.48 5.82 0.00	192.85 7.16 0.00	55.99 2.50 -0.07	65.39 3.04 -0.27	56.75 2.78 0.00	51.73 2.65 0.00	54.12 2.89 0.00	75.71 3.86 0.00	79.74 4.07 0.00	85.56 4.28 0.00	80.78 3.77 0.00	84.13 3.75 0.00	152.16 6.23 0.00	112.14 3.80 0.00	139.37 3.26 0.00	65.68 1.70 0.00
RAVENSWOOD___1 23533	36.77 1.41 0.00	37.76 1.29 0.00	42.45 1.50 0.00	38.56 1.36 0.00	42.50 1.37 0.00	45.85 1.72 0.00	69.05 2.47 0.00	145.06 5.41 0.00	170.84 6.18 0.00	193.27 7.57 0.00	56.26 2.61 -0.22	66.02 3.13 -0.81	56.88 2.91 0.00	51.84 2.76 0.00	54.22 2.99 0.00	75.87 4.02 0.00	79.85 4.18 0.00	85.65 4.37 0.00	80.85 3.84 0.00	84.20 3.82 0.00	152.20 6.27 0.00	112.18 3.85 0.00	139.37 3.26 0.00	65.78 1.80 0.00
RAVENSWOOD___2 23534	36.77 1.41 0.00	37.76 1.29 0.00	42.45 1.50 0.00	38.56 1.36 0.00	42.50 1.37 0.00	45.85 1.72 0.00	69.05 2.47 0.00	145.06 5.41 0.00	170.84 6.18 0.00	193.27 7.57 0.00	56.26 2.61 -0.22	66.02 3.13 -0.81	56.88 2.91 0.00	51.84 2.76 0.00	54.22 2.99 0.00	75.87 4.02 0.00	79.85 4.18 0.00	85.65 4.37 0.00	80.85 3.84 0.00	84.20 3.82 0.00	152.20 6.27 0.00	112.18 3.85 0.00	139.37 3.26 0.00	65.78 1.80 0.00
RAVENSWOOD___3 23535	36.67 1.31 0.00	37.67 1.20 0.00	42.36 1.41 0.00	38.47 1.27 0.00	42.41 1.29 0.00	45.74 1.61 0.00	68.90 2.32 0.00	144.67 5.01 0.00	170.49 5.83 0.00	192.91 7.22 0.00	55.95 2.50 -0.02	65.22 3.04 -0.09	56.77 2.80 0.00	51.73 2.66 0.00	54.13 2.90 0.00	75.72 3.87 0.00	79.74 4.08 0.00	85.57 4.30 0.00	80.78 3.78 0.00	84.14 3.76 0.00	152.18 6.25 0.00	112.13 3.80 0.00	139.39 3.28 0.00	65.68 1.70 0.00
RAVENSWOOD___4 23820	36.77 1.41 0.00	37.76 1.29 0.00	42.45 1.50 0.00	38.56 1.36 0.00	42.50 1.37 0.00	45.85 1.72 0.00	69.05 2.47 0.00	145.06 5.41 0.00	170.84 6.18 0.00	193.27 7.57 0.00	56.26 2.61 -0.22	66.02 3.13 -0.81	56.88 2.91 0.00	51.84 2.76 0.00	54.22 2.99 0.00	75.87 4.02 0.00	79.85 4.18 0.00	85.65 4.37 0.00	80.85 3.84 0.00	84.20 3.82 0.00	152.20 6.27 0.00	112.18 3.85 0.00	139.37 3.26 0.00	65.78 1.80 0.00
RCPI_TRUST___DRP 24196	36.84 1.48 0.00	37.84 1.37 0.00	42.54 1.59 0.00	38.64 1.44 0.00	42.61 1.48 0.00	45.96 1.83 0.00	69.29 2.71 0.00	145.60 5.94 0.00	171.59 6.92 0.00	194.27 8.58 0.00	56.35 2.90 -0.03	65.69 3.51 -0.10	57.16 3.18 0.00	52.10 3.03 0.00	54.52 3.29 0.00	76.27 4.42 0.00	80.31 4.65 0.00	86.15 4.88 0.00	81.31 4.31 0.00	84.68 4.30 0.00	153.04 7.11 0.00	112.76 4.43 0.00	140.10 3.98 0.00	65.99 2.00 0.00
RED___ROCHESTER 323720	34.24 -1.07 0.05	35.34 -1.13 0.00	36.76 -1.24 2.95	31.16 -0.90 5.14	33.09 -0.82 7.22	37.85 -0.97 5.31	65.34 -1.19 0.04	136.90 -1.79 0.97	160.00 -2.31 2.36	182.81 -2.88 0.00	49.58 -1.06 2.78	60.19 -1.26 0.63	48.02 -1.55 4.41	44.22 -1.42 3.44	47.77 -1.41 2.06	64.93 -2.30 4.62	61.25 -2.26 12.15	59.37 -2.04 19.87	59.33 -1.53 16.14	64.60 -1.30 14.47	138.35 -2.58 5.00	98.89 -1.83 7.61	120.78 -2.20 13.14	53.45 -1.45 9.08
REGAN___SOLAR 323812	36.72 1.36 0.00	37.77 1.30 0.00	42.38 1.43 0.00	38.54 1.34 0.00	42.67 1.55 0.00	45.91 1.78 0.00	69.52 2.95 0.00	146.45 6.79 0.00	172.55 7.89 0.00	193.53 7.83 0.00	55.32 1.89 0.00	64.22 2.14 0.00	55.56 1.58 0.00	50.17 1.10 0.00	52.23 1.00 0.00	74.04 2.19 0.00	78.64 2.97 0.00	85.01 3.73 0.00	80.86 3.85 0.00	84.82 4.44 0.00	153.94 8.01 0.00	113.93 5.60 0.00	142.74 6.63 0.00	67.02 3.03 0.00
RENSSELAER___COGEN 23796	36.15 0.79 0.00	37.29 0.82 0.00	41.85 0.90 0.00	38.01 0.81 0.00	42.04 0.92 0.00	45.04 0.91 0.00	67.91 1.33 0.00	142.00 2.35 0.00	167.55 2.89 0.00	188.95 3.26 0.00	54.57 1.15 0.00	63.53 1.44 0.00	55.46 1.48 0.00	50.48 1.41 0.00	52.68 1.45 0.00	74.03 2.18 0.00	77.91 2.25 0.00	83.58 2.31 0.00	79.01 2.00 0.00	82.22 1.84 0.00	149.01 3.08 0.00	110.39 2.07 0.00	138.72 2.60 0.00	65.15 1.17 0.00
REPUBLIC_115KV_BARTNBRK 55605	37.98 2.62 0.00	38.82 2.35 0.00	43.39 2.44 0.00	39.09 1.89 0.00	43.67 2.55 0.00	47.13 2.99 0.00	70.96 4.38 0.00	149.53 9.88 0.00	176.67 12.01 0.00	199.01 13.32 0.00	57.31 3.88 0.00	67.26 5.18 0.00	59.00 5.02 0.00	53.58 4.51 0.00	55.64 4.41 0.00	78.67 6.81 0.00	83.37 7.71 0.00	90.78 9.51 0.00	85.85 8.84 0.00	88.37 8.00 0.00	159.59 13.66 0.00	117.03 8.70 0.00	147.35 11.23 0.00	68.64 4.66 0.00
REVERE_CPPR_DRP 24186	35.95 0.59 0.00	37.11 0.64 0.00	41.86 0.92 0.00	38.08 0.88 0.00	42.03 0.90 0.00	45.12 0.99 0.00	68.60 2.02 0.00	144.13 4.47 0.00	169.73 5.07 0.00	191.32 5.63 0.00	54.98 1.56 0.00	63.58 1.50 0.00	54.96 0.98 0.00	49.70 0.62 0.00	52.05 0.82 0.00	73.48 1.63 0.00	77.61 1.95 0.00	83.58 2.30 0.00	79.61 2.61 0.00	83.59 3.21 0.00	151.88 5.95 0.00	112.65 4.32 0.00	141.26 5.15 0.00	94.71 2.27 -28.46
REYNLDPA_13_KV_LD 356490	35.68 0.32 0.00	36.89 0.42 0.00	41.33 0.38 0.00	37.51 0.31 0.00	41.46 0.34 0.00	44.55 0.42 0.00	66.65 0.07 0.00	139.40 -0.26 0.00	164.55 -0.11 0.00	185.16 -0.53 0.00	53.00 -0.42 0.00	61.43 -0.66 0.00	53.30 -0.68 0.00	48.37 -0.70 0.00	50.41 -0.82 0.00	70.73 -1.12 0.00	74.44 -1.23 0.00	80.12 -1.15 0.00	75.95 -1.06 0.00	79.39 -0.99 0.00	144.31 -1.62 0.00	107.81 -0.52 0.00	136.12 0.01 0.00	16.17 0.44 48.25
REYNOLDS_115KV_TB3 80639	36.10 0.74 0.00	37.24 0.77 0.00	41.79 0.84 0.00	37.95 0.75 0.00	41.98 0.86 0.00	44.95 0.82 0.00	67.75 1.17 0.00	141.49 1.83 0.00	166.95 2.29 0.00	188.24 2.55 0.00	54.38 0.96 0.00	63.35 1.26 0.00	55.33 1.35 0.00	50.37 1.30 0.00	52.56 1.32 0.00	73.89 2.04 0.00	77.73 2.07 0.00	83.34 2.07 0.00	78.75 1.74 0.00	81.92 1.54 0.00	148.35 2.42 0.00	109.97 1.64 0.00	138.27 2.15 0.00	64.97 0.98 0.00
RIVERBAY___ 323610	37.60 2.23 0.00	38.60 2.13 0.00	43.40 2.46 0.00	39.44 2.24 0.00	43.46 2.34 0.00	46.94 2.81 0.00	70.82 4.24 0.00	148.87 9.22 0.00	175.22 10.56 0.00	197.65 11.96 0.00	57.31 3.83 -0.05	66.90 4.62 -0.20	58.13 4.16 0.00	52.99 3.92 0.00	55.40 4.16 0.00	77.56 5.70 0.00	81.64 5.97 0.00	87.61 6.34 0.00	82.55 5.55 0.00	86.10 5.72 0.00	155.62 9.69 0.00	114.69 6.36 0.00	142.45 6.33 0.00	67.31 3.33 0.00
RIVERSDE_115KV_TB3 55908	36.18 0.82 0.00	37.31 0.84 0.00	41.88 0.94 0.00	38.03 0.83 0.00	42.07 0.95 0.00	45.06 0.93 0.00	67.93 1.36 0.00	142.01 2.36 0.00	167.56 2.90 0.00	188.97 3.28 0.00	54.58 1.15 0.00	63.55 1.46 0.00	55.49 1.51 0.00	50.52 1.45 0.00	52.72 1.49 0.00	74.10 2.24 0.00	77.97 2.31 0.00	83.62 2.34 0.00	79.02 2.02 0.00	82.22 1.85 0.00	148.92 2.99 0.00	110.36 2.03 0.00	138.71 2.59 0.00	65.17 1.19 0.00

ROARING___BROOK_WT_PWR 323790	35.27 -0.09 0.00	36.41 -0.06 0.00	40.85 -0.10 0.00	37.09 -0.11 0.00	40.99 -0.14 0.00	44.00 -0.13 0.00	66.32 -0.25 0.00	139.10 -0.55 0.00	164.06 -0.60 0.00	184.94 -0.75 0.00	53.18 -0.25 0.00	61.78 -0.31 0.00	53.69 -0.29 0.00	48.78 -0.29 0.00	50.93 -0.31 0.00	71.43 -0.43 0.00	75.23 -0.43 0.00	80.84 -0.44 0.00	76.57 -0.43 0.00	79.93 -0.45 0.00	145.21 -0.72 0.00	107.97 -0.36 0.00	135.83 -0.29 0.00	57.45 -0.08 6.45
ROCHESRG_115KV_T4 355643	33.93 -1.43 0.00	34.98 -1.49 0.00	39.33 -1.62 0.00	35.93 -1.26 0.00	39.88 -1.24 0.00	42.70 -1.43 0.00	64.52 -2.05 0.00	135.88 -3.77 0.00	159.97 -4.69 0.00	180.23 -5.46 0.00	51.60 -1.82 0.00	59.93 -2.15 0.00	51.73 -2.25 0.00	46.98 -2.09 0.00	49.11 -2.13 0.00	68.57 -3.28 0.00	67.30 -3.25 5.12	65.72 -3.19 12.36	67.45 -2.68 6.88	74.55 -2.55 3.27	141.28 -4.65 0.00	105.04 -3.29 0.00	132.27 -3.85 0.00	61.78 -2.20 0.00
ROCHESTER_9_IC 23652	34.15 -1.21 0.00	35.20 -1.27 0.00	39.57 -1.38 0.00	36.18 -1.03 0.00	40.14 -0.98 0.00	43.01 -1.12 0.00	65.05 -1.53 0.00	137.09 -2.57 0.00	161.46 -3.21 0.00	181.86 -3.83 0.00	52.07 -1.36 0.00	60.46 -1.62 0.00	52.18 -1.80 0.00	47.39 -1.68 0.00	49.55 -1.69 0.00	69.15 -2.71 0.00	67.77 -2.63 5.26	66.06 -2.50 12.71	67.95 -1.99 7.07	75.20 -1.82 3.37	142.57 -3.36 0.00	105.94 -2.39 0.00	133.31 -2.81 0.00	62.24 -1.74 0.00
ROCKVIEW_13_KV_LD 356306	36.64 1.28 0.00	37.63 1.16 0.00	42.31 1.37 0.00	38.45 1.25 0.00	42.41 1.29 0.00	45.71 1.58 0.00	68.93 2.36 0.00	144.79 5.14 0.00	170.56 5.90 0.00	193.01 7.31 0.00	55.97 2.51 -0.03	65.25 3.05 -0.12	56.75 2.78 0.00	51.73 2.65 0.00	54.13 2.90 0.00	75.71 3.86 0.00	79.75 4.09 0.00	85.58 4.31 0.00	80.85 3.84 0.00	84.21 3.83 0.00	152.35 6.42 0.00	112.34 4.01 0.00	139.73 3.61 0.00	65.77 1.79 0.00
ROME____115KV_TB2 80656	35.95 0.59 0.00	37.11 0.64 0.00	41.86 0.92 0.00	38.08 0.88 0.00	42.03 0.90 0.00	45.12 0.99 0.00	68.60 2.02 0.00	144.13 4.47 0.00	169.73 5.07 0.00	191.32 5.63 0.00	54.98 1.56 0.00	63.58 1.50 0.00	54.96 0.98 0.00	49.70 0.62 0.00	52.05 0.82 0.00	73.48 1.63 0.00	77.61 1.95 0.00	83.58 2.30 0.00	79.61 2.61 0.00	83.59 3.21 0.00	151.88 5.95 0.00	112.65 4.32 0.00	141.26 5.15 0.00	94.71 2.27 -28.46
ROSETON___1 23587	36.14 0.78 0.00	37.16 0.69 0.00	41.84 0.89 0.00	38.00 0.80 0.00	41.94 0.81 0.00	45.15 1.02 0.00	68.09 1.51 0.00	142.79 3.14 0.00	168.26 3.60 0.00	190.36 4.66 0.00	55.07 1.65 0.00	64.09 2.01 0.00	55.87 1.89 0.00	50.88 1.80 0.00	53.23 1.99 0.00	74.51 2.66 0.00	78.46 2.80 0.00	84.24 2.97 0.00	79.56 2.56 0.00	82.87 2.50 0.00	150.03 4.10 0.00	110.69 2.36 0.00	138.12 2.00 0.00	64.97 0.99 0.00
ROSETON___2 23588	36.14 0.78 0.00	37.16 0.69 0.00	41.84 0.89 0.00	38.00 0.80 0.00	41.94 0.81 0.00	45.15 1.02 0.00	68.09 1.51 0.00	142.79 3.14 0.00	168.26 3.60 0.00	190.36 4.66 0.00	55.07 1.65 0.00	64.09 2.01 0.00	55.87 1.89 0.00	50.88 1.80 0.00	53.23 1.99 0.00	74.51 2.66 0.00	78.46 2.80 0.00	84.24 2.97 0.00	79.56 2.56 0.00	82.87 2.50 0.00	150.03 4.10 0.00	110.69 2.36 0.00	138.12 2.00 0.00	64.97 0.99 0.00
ROTTRDAM_115KV_TB3 80664	35.99 0.63 0.00	37.11 0.64 0.00	41.67 0.72 0.00	37.84 0.64 0.00	41.86 0.73 0.00	44.88 0.75 0.00	67.73 1.15 0.00	141.89 2.24 0.00	167.33 2.67 0.00	188.63 2.94 0.00	54.36 0.94 0.00	63.22 1.13 0.00	55.10 1.13 0.00	50.11 1.04 0.00	52.28 1.05 0.00	73.50 1.64 0.00	77.44 1.78 0.00	83.18 1.91 0.00	78.75 1.74 0.00	82.05 1.67 0.00	148.81 2.88 0.00	110.18 1.86 0.00	138.28 2.16 0.00	64.93 0.95 0.00
RUSSELL___1 23602	34.28 -1.08 0.00	35.34 -1.13 0.00	39.72 -1.23 0.00	36.30 -0.90 0.00	40.31 -0.82 0.00	43.19 -0.95 0.00	65.34 -1.24 0.00	137.78 -1.87 0.00	162.28 -2.38 0.00	182.79 -2.90 0.00	52.35 -1.08 0.00	60.79 -1.29 0.00	52.45 -1.52 0.00	47.65 -1.42 0.00	49.81 -1.43 0.00	69.52 -2.33 0.00	68.21 -2.21 5.25	66.55 -2.03 12.69	68.42 -1.53 7.06	75.67 -1.35 3.36	143.38 -2.55 0.00	106.51 -1.81 0.00	133.95 -2.16 0.00	62.54 -1.44 0.00
RUSSELL___2 23532	34.28 -1.08 0.00	35.34 -1.13 0.00	39.72 -1.23 0.00	36.30 -0.90 0.00	40.31 -0.82 0.00	43.19 -0.95 0.00	65.34 -1.24 0.00	137.78 -1.87 0.00	162.28 -2.38 0.00	182.79 -2.90 0.00	52.35 -1.08 0.00	60.79 -1.29 0.00	52.45 -1.52 0.00	47.65 -1.42 0.00	49.81 -1.43 0.00	69.52 -2.33 0.00	68.21 -2.21 5.25	66.55 -2.03 12.69	68.42 -1.53 7.06	75.67 -1.35 3.36	143.38 -2.55 0.00	106.51 -1.81 0.00	133.95 -2.16 0.00	62.54 -1.44 0.00
RUSSELL___3 23549	34.28 -1.08 0.00	35.34 -1.13 0.00	39.72 -1.23 0.00	36.30 -0.90 0.00	40.31 -0.82 0.00	43.19 -0.95 0.00	65.34 -1.24 0.00	137.78 -1.87 0.00	162.28 -2.38 0.00	182.79 -2.90 0.00	52.35 -1.08 0.00	60.79 -1.29 0.00	52.45 -1.52 0.00	47.65 -1.42 0.00	49.81 -1.43 0.00	69.52 -2.33 0.00	68.21 -2.21 5.25	66.55 -2.03 12.69	68.42 -1.53 7.06	75.67 -1.35 3.36	143.38 -2.55 0.00	106.51 -1.81 0.00	133.95 -2.16 0.00	62.54 -1.44 0.00
RUSSELL___4 23556	34.28 -1.08 0.00	35.34 -1.13 0.00	39.72 -1.23 0.00	36.30 -0.90 0.00	40.31 -0.82 0.00	43.19 -0.95 0.00	65.34 -1.24 0.00	137.78 -1.87 0.00	162.28 -2.38 0.00	182.79 -2.90 0.00	52.35 -1.08 0.00	60.79 -1.29 0.00	52.45 -1.52 0.00	47.65 -1.42 0.00	49.81 -1.43 0.00	69.52 -2.33 0.00	68.21 -2.21 5.25	66.55 -2.03 12.69	68.42 -1.53 7.06	75.67 -1.35 3.36	143.38 -2.55 0.00	106.51 -1.81 0.00	133.95 -2.16 0.00	62.54 -1.44 0.00
RUSSELL___STATION 23914	34.28 -1.08 0.00	35.34 -1.13 0.00	39.72 -1.23 0.00	36.30 -0.90 0.00	40.31 -0.82 0.00	43.19 -0.95 0.00	65.34 -1.24 0.00	137.78 -1.87 0.00	162.28 -2.38 0.00	182.79 -2.90 0.00	52.35 -1.08 0.00	60.79 -1.29 0.00	52.45 -1.52 0.00	47.65 -1.42 0.00	49.81 -1.43 0.00	69.52 -2.33 0.00	68.21 -2.21 5.25	66.55 -2.03 12.69	68.42 -1.53 7.06	75.67 -1.35 3.36	143.38 -2.55 0.00	106.51 -1.81 0.00	133.95 -2.16 0.00	62.54 -1.44 0.00
S SALMON___HYD 24043	33.96 -1.40 0.00	35.05 -1.43 0.00	39.67 -1.28 0.00	36.15 -1.05 0.00	39.83 -1.30 0.00	42.75 -1.38 0.00	65.05 -1.53 0.00	137.01 -2.65 0.00	161.10 -3.56 0.00	181.16 -4.54 0.00	51.63 -1.80 0.00	59.65 -2.44 0.00	51.36 -2.61 0.00	46.41 -2.66 0.00	48.72 -2.52 0.00	68.70 -3.15 0.00	72.53 -3.14 0.00	78.36 -2.92 0.00	75.58 -1.43 0.00	79.70 -0.67 0.00	145.79 -0.14 0.00	108.92 0.59 0.00	136.15 0.03 0.00	117.35 -0.11 -53.48
S.PERRY__115KV_TB1 80734	42.11 -1.35 -8.10	36.24 -1.39 -1.15	39.39 -1.56 0.00	36.06 -1.14 0.00	40.11 -1.02 0.00	43.03 -1.10 0.00	103.45 -1.18 -38.06	193.14 -1.64 -55.12	163.89 -2.45 -1.68	197.15 -3.40 -14.86	98.05 -1.31 -45.94	110.26 -1.99 -50.17	96.65 -2.03 -44.70	91.38 -1.80 -44.10	103.55 -1.79 -54.11	134.84 -3.09 -66.08	117.04 -3.23 -44.60	91.98 -3.24 -13.94	112.72 -2.24 -37.95	136.64 -1.24 -57.51	174.76 -1.36 -30.18	107.97 -0.35 0.00	136.62 0.51 0.00	63.92 -0.07 0.00

SAWYER_23_KV_LOAD_REV_LBMP_A 345024	29.84 -2.84 2.68	33.21 -2.88 0.38	37.81 -3.14 0.00	34.78 -2.42 0.00	38.69 -2.43 0.00	41.12 -3.01 0.00	49.31 -4.86 12.40	111.82 -9.87 17.96	152.07 -12.03 0.56	167.05 -13.73 4.91	34.01 -4.41 15.01	40.50 -5.22 16.36	34.27 -5.12 14.58	29.92 -4.77 14.38	28.59 -4.99 17.65	42.77 -7.53 21.55	38.96 -7.58 29.12	33.90 -7.84 39.53	38.23 -6.86 31.92	45.60 -6.71 28.07	124.21 -11.88 9.84	100.33 -8.00 0.00	127.35 -8.77 0.00	59.28 -4.70 0.00
SAWYER__23_KV_LOAD 55526	29.84 -2.84 2.68	33.21 -2.88 0.38	37.81 -3.14 0.00	34.78 -2.42 0.00	38.69 -2.43 0.00	41.12 -3.01 0.00	49.31 -4.86 12.40	111.82 -9.87 17.96	152.07 -12.03 0.56	167.05 -13.73 4.91	34.01 -4.41 15.01	40.50 -5.22 16.36	34.27 -5.12 14.58	29.92 -4.77 14.38	28.59 -4.99 17.65	42.77 -7.53 21.55	38.96 -7.58 29.12	33.90 -7.84 39.53	38.23 -6.86 31.92	45.60 -6.71 28.07	124.21 -11.88 9.84	100.33 -8.00 0.00	127.35 -8.77 0.00	59.28 -4.70 0.00
SELKIRK__I 23801	36.14 0.78 0.00	37.30 0.82 0.00	41.87 0.92 0.00	38.03 0.83 0.00	42.07 0.94 0.00	45.08 0.95 0.00	67.98 1.41 0.00	142.19 2.54 0.00	167.66 3.00 0.00	189.02 3.33 0.00	54.50 1.07 0.00	63.43 1.35 0.00	55.33 1.35 0.00	50.36 1.28 0.00	52.56 1.33 0.00	73.83 1.98 0.00	77.75 2.09 0.00	83.45 2.18 0.00	78.95 1.95 0.00	82.23 1.86 0.00	149.06 3.13 0.00	110.47 2.15 0.00	138.76 2.64 0.00	65.22 1.23 0.00
SELKIRK__II 23799	36.02 0.65 0.00	37.15 0.68 0.00	41.72 0.77 0.00	37.90 0.70 0.00	41.90 0.78 0.00	44.89 0.76 0.00	67.70 1.12 0.00	141.70 2.05 0.00	167.09 2.43 0.00	188.50 2.81 0.00	54.40 0.97 0.00	63.31 1.23 0.00	55.23 1.26 0.00	50.28 1.21 0.00	52.48 1.25 0.00	73.70 1.85 0.00	77.58 1.92 0.00	83.24 1.97 0.00	78.71 1.70 0.00	81.97 1.60 0.00	148.57 2.64 0.00	110.08 1.75 0.00	138.24 2.12 0.00	64.95 0.97 0.00
SENECA OSWGO__HYD 24041	34.13 -1.23 0.00	35.14 -1.33 0.00	39.47 -1.48 0.00	35.89 -1.31 0.00	39.72 -1.41 0.00	42.63 -1.50 0.00	64.58 -2.00 0.00	135.87 -3.78 0.00	160.16 -4.50 0.00	180.65 -5.04 0.00	51.82 -1.61 0.00	60.15 -1.94 0.00	52.13 -1.84 0.00	47.35 -1.73 0.00	49.57 -1.66 0.00	69.53 -2.33 0.00	73.27 -2.39 0.00	78.86 -2.41 0.00	75.06 -1.95 0.00	78.46 -1.92 0.00	142.52 -3.42 0.00	105.70 -2.63 0.00	132.57 -3.55 0.00	78.36 -1.78 -16.16
SENECA__115KV_TB3 355854	30.10 -2.47 2.79	33.60 -2.49 0.38	30.68 -2.78 7.49	22.03 -2.09 13.08	20.73 -2.03 18.36	28.06 -2.55 13.51	50.10 -4.07 12.42	111.37 -8.00 20.28	148.14 -9.74 6.79	169.71 -10.90 5.08	27.74 -3.63 22.05	39.91 -4.34 17.84	23.89 -4.41 25.67	22.01 -4.04 23.02	24.19 -4.29 22.75	32.22 -6.50 33.13	21.70 -6.75 47.20	15.19 -6.80 59.28	15.38 -5.84 55.79	18.33 -5.45 56.59	113.86 -9.58 22.49	82.75 -6.24 19.34	96.11 -6.61 33.40	37.28 -3.62 23.08
SENECA__ENERGY 23797	35.01 -0.90 -0.55	35.61 -0.94 -0.08	39.87 -1.08 0.00	36.30 -0.90 0.00	40.20 -0.93 0.00	43.25 -0.88 0.00	68.55 -0.98 -2.96	142.62 -1.32 -4.29	162.96 -1.83 -0.13	184.66 -2.23 -1.20	55.91 -1.07 -3.56	64.52 -1.44 -3.87	55.92 -1.51 -3.45	51.12 -1.36 -3.40	54.07 -1.34 -4.18	75.09 -1.87 -5.10	78.40 -1.76 -4.50	82.45 -1.75 -2.92	79.79 -1.43 -4.21	84.28 -1.25 -5.15	146.51 -1.76 -2.34	106.91 -1.42 0.00	134.51 -1.61 0.00	63.12 -0.87 0.00
SHOEMAKER__GT 23640	36.02 0.66 0.00	37.12 0.64 0.00	41.83 0.88 0.00	37.99 0.79 0.00	41.94 0.81 0.00	45.13 1.00 0.00	68.14 1.56 0.00	142.96 3.31 0.00	168.42 3.75 0.00	190.45 4.76 0.00	54.96 1.54 0.00	63.95 1.87 0.00	55.69 1.71 0.00	50.63 1.55 0.00	52.97 1.74 0.00	74.09 2.24 0.00	78.00 2.34 0.00	83.84 2.57 0.00	79.22 2.22 0.00	82.66 2.29 0.00	149.70 3.77 0.00	110.59 2.26 0.00	138.06 1.94 0.00	64.94 0.96 0.00
SHOEMAKR_138KV_BK 111 55601	36.01 0.65 0.00	37.10 0.63 0.00	41.81 0.86 0.00	37.98 0.78 0.00	41.92 0.80 0.00	45.11 0.98 0.00	68.11 1.54 0.00	142.94 3.29 0.00	168.38 3.72 0.00	190.35 4.66 0.00	54.97 1.55 0.00	63.97 1.88 0.00	55.69 1.71 0.00	50.65 1.58 0.00	52.99 1.76 0.00	74.13 2.27 0.00	78.03 2.37 0.00	83.85 2.58 0.00	79.24 2.24 0.00	82.61 2.23 0.00	149.65 3.71 0.00	110.50 2.17 0.00	137.95 1.83 0.00	64.89 0.91 0.00
SHOREHAM_IC_1 23715	37.13 1.77 0.00	37.96 1.49 0.00	42.63 1.68 0.00	38.70 1.50 0.00	42.75 1.63 0.00	46.27 2.14 0.00	68.94 2.37 0.00	144.11 4.45 0.00	168.90 4.24 0.00	192.33 6.64 0.00	56.78 3.34 -0.02	66.40 4.23 -0.08	57.30 3.33 0.00	52.22 3.15 0.00	54.80 3.57 0.00	76.30 4.44 0.00	80.69 5.02 0.00	85.88 4.60 0.00	80.75 3.74 0.00	83.41 3.03 0.00	152.77 6.84 0.00	114.82 6.49 0.00	140.07 3.96 0.00	65.50 1.51 0.00
SHOREHAM_IC_2 23716	37.13 1.77 0.00	37.96 1.49 0.00	42.63 1.68 0.00	38.70 1.50 0.00	42.75 1.63 0.00	46.27 2.14 0.00	68.94 2.37 0.00	144.11 4.45 0.00	168.90 4.24 0.00	192.33 6.64 0.00	56.78 3.34 -0.02	66.40 4.23 -0.08	57.30 3.33 0.00	52.22 3.15 0.00	54.80 3.57 0.00	76.30 4.44 0.00	80.69 5.02 0.00	85.88 4.60 0.00	80.75 3.74 0.00	83.41 3.03 0.00	152.77 6.84 0.00	114.82 6.49 0.00	140.07 3.96 0.00	65.50 1.51 0.00
SISSONVILLE__ 23735	35.21 -0.15 0.00	36.46 -0.01 0.00	40.95 0.00 0.00	37.17 -0.03 0.00	40.99 -0.13 0.00	44.09 -0.04 0.00	66.07 -0.51 0.00	139.32 -0.33 0.00	164.34 -0.32 0.00	184.57 -1.12 0.00	52.61 -0.81 0.00	60.87 -1.22 0.00	52.58 -1.39 0.00	47.55 -1.53 0.00	49.61 -1.62 0.00	69.84 -2.01 0.00	73.30 -2.36 0.00	78.83 -2.44 0.00	74.76 -2.25 0.00	78.47 -1.91 0.00	142.87 -3.07 0.00	107.55 -0.77 0.00	136.35 0.23 0.00	376.90 0.69 -312.23
SITHE_IND_GS1 24169	34.31 -1.05 0.00	35.32 -1.15 0.00	39.64 -1.31 0.00	36.05 -1.15 0.00	39.87 -1.26 0.00	42.77 -1.36 0.00	64.63 -1.95 0.00	135.77 -3.89 0.00	160.10 -4.56 0.00	180.48 -5.21 0.00	51.85 -1.57 0.00	60.24 -1.85 0.00	52.27 -1.71 0.00	47.51 -1.56 0.00	49.66 -1.57 0.00	69.62 -2.23 0.00	73.37 -2.29 0.00	78.89 -2.39 0.00	74.86 -2.15 0.00	78.16 -2.22 0.00	141.95 -3.98 0.00	105.34 -2.99 0.00	132.39 -3.72 0.00	62.19 -1.79 0.00
SITHE_IND_GS2 24170	34.31 -1.05 0.00	35.32 -1.15 0.00	39.64 -1.31 0.00	36.05 -1.15 0.00	39.87 -1.26 0.00	42.77 -1.36 0.00	64.63 -1.95 0.00	135.77 -3.89 0.00	160.10 -4.56 0.00	180.48 -5.21 0.00	51.85 -1.57 0.00	60.24 -1.85 0.00	52.27 -1.71 0.00	47.51 -1.56 0.00	49.66 -1.57 0.00	69.62 -2.23 0.00	73.37 -2.29 0.00	78.89 -2.39 0.00	74.86 -2.15 0.00	78.16 -2.22 0.00	141.95 -3.98 0.00	105.34 -2.99 0.00	132.39 -3.72 0.00	62.19 -1.79 0.00
SITHE_IND_GS3 24171	34.31 -1.05 0.00	35.32 -1.15 0.00	39.64 -1.31 0.00	36.05 -1.15 0.00	39.87 -1.26 0.00	42.77 -1.36 0.00	64.63 -1.95 0.00	135.77 -3.89 0.00	160.10 -4.56 0.00	180.48 -5.21 0.00	51.85 -1.57 0.00	60.24 -1.85 0.00	52.27 -1.71 0.00	47.51 -1.56 0.00	49.66 -1.57 0.00	69.62 -2.23 0.00	73.37 -2.29 0.00	78.89 -2.39 0.00	74.86 -2.15 0.00	78.16 -2.22 0.00	141.95 -3.98 0.00	105.34 -2.99 0.00	132.39 -3.72 0.00	62.19 -1.79 0.00

SITHE_IND_GS4 24172	34.31 -1.05 0.00	35.32 -1.15 0.00	39.64 -1.31 0.00	36.05 -1.15 0.00	39.87 -1.26 0.00	42.77 -1.36 0.00	64.63 -1.95 0.00	135.77 -3.89 0.00	160.10 -4.56 0.00	180.48 -5.21 0.00	51.85 -1.57 0.00	60.24 -1.85 0.00	52.27 -1.71 0.00	47.51 -1.56 0.00	49.66 -1.57 0.00	69.62 -2.23 0.00	73.37 -2.29 0.00	78.89 -2.39 0.00	74.86 -2.15 0.00	78.16 -2.22 0.00	141.95 -3.98 0.00	105.34 -2.99 0.00	132.39 -3.72 0.00	62.19 -1.79 0.00
SITHE__BATAVIA 24024	32.36 -1.54 1.46	34.69 -1.59 0.20	34.16 -1.79 4.99	27.22 -1.27 8.71	27.76 -1.13 12.23	33.69 -1.44 9.00	58.23 -2.01 6.34	125.63 -3.31 10.71	155.88 -4.43 4.34	177.79 -5.40 2.51	39.14 -1.98 12.32	50.22 -2.53 9.34	36.11 -3.04 14.83	33.20 -2.77 13.10	35.96 -2.86 12.41	48.50 -4.63 18.72	41.63 -5.07 28.96	37.92 -5.09 38.27	38.37 -3.69 34.94	42.63 -3.12 34.63	126.72 -5.77 13.45	91.67 -3.78 12.88	109.74 -4.12 22.25	46.06 -2.55 15.37
SITHE__INDEPEND 23800	34.31 -1.05 0.00	35.32 -1.15 0.00	39.65 -1.30 0.00	36.05 -1.15 0.00	39.87 -1.26 0.00	42.77 -1.36 0.00	64.63 -1.95 0.00	135.76 -3.89 0.00	160.11 -4.55 0.00	180.48 -5.21 0.00	51.85 -1.58 0.00	60.23 -1.86 0.00	52.27 -1.71 0.00	47.51 -1.56 0.00	49.65 -1.58 0.00	69.61 -2.24 0.00	73.38 -2.29 0.00	78.91 -2.37 0.00	74.86 -2.15 0.00	78.16 -2.22 0.00	141.97 -3.96 0.00	105.34 -2.98 0.00	132.39 -3.72 0.00	62.19 -1.79 0.00
SITHE__MASSENA 23902	35.77 0.41 0.00	37.00 0.52 0.00	41.46 0.52 0.00	37.63 0.43 0.00	41.58 0.45 0.00	44.75 0.62 0.00	67.08 0.51 0.00	141.03 1.38 0.00	166.40 1.74 0.00	187.02 1.32 0.00	53.50 0.07 0.00	62.00 -0.08 0.00	53.71 -0.26 0.00	48.70 -0.37 0.00	50.77 -0.46 0.00	71.31 -0.55 0.00	75.02 -0.64 0.00	80.77 -0.50 0.00	76.61 -0.40 0.00	80.18 -0.20 0.00	145.76 -0.17 0.00	109.08 0.75 0.00	137.78 1.66 0.00	515.34 1.13 -450.22
SITHE__OGDNSBRG 24021	36.21 0.85 0.00	37.46 0.99 0.00	41.98 1.03 0.00	38.12 0.92 0.00	42.09 0.96 0.00	45.36 1.23 0.00	68.07 1.49 0.00	143.37 3.72 0.00	169.08 4.42 0.00	189.64 3.95 0.00	53.88 0.45 0.00	62.23 0.14 0.00	53.60 -0.37 0.00	48.38 -0.69 0.00	50.51 -0.72 0.00	71.18 -0.67 0.00	74.98 -0.68 0.00	81.06 -0.21 0.00	77.15 0.15 0.00	81.04 0.66 0.00	147.27 1.34 0.00	110.49 2.16 0.00	139.85 3.73 0.00	432.01 2.20 -365.82
SITHE__STERLING 23777	35.74 0.38 0.00	36.87 0.40 0.00	41.49 0.54 0.00	37.75 0.55 0.00	41.72 0.59 0.00	44.78 0.65 0.00	67.99 1.41 0.00	142.89 3.23 0.00	168.36 3.70 0.00	189.80 4.11 0.00	54.58 1.15 0.00	63.23 1.15 0.00	54.75 0.77 0.00	49.60 0.53 0.00	51.88 0.65 0.00	73.13 1.27 0.00	77.17 1.50 0.00	83.00 1.73 0.00	78.92 1.91 0.00	82.72 2.34 0.00	150.14 4.21 0.00	111.21 2.88 0.00	139.51 3.39 0.00	84.34 1.48 -18.88
SLEIGHT__34_KV_TB1 80719	34.23 -1.13 0.00	35.27 -1.21 0.00	39.64 -1.31 0.00	36.15 -1.05 0.00	40.06 -1.07 0.00	43.02 -1.11 0.00	65.23 -1.35 0.00	137.46 -2.20 0.00	161.83 -2.83 0.00	182.24 -3.46 0.00	52.20 -1.23 0.00	60.62 -1.46 0.00	52.37 -1.60 0.00	47.57 -1.50 0.00	49.73 -1.50 0.00	69.57 -2.28 0.00	71.05 -2.06 2.56	72.87 -1.96 6.45	71.97 -1.54 3.50	77.34 -1.41 1.64	143.21 -2.72 0.00	106.36 -1.97 0.00	133.65 -2.47 0.00	62.52 -1.46 0.00
SMITHTWN_69_KV_BK 1 55830	37.06 1.70 0.00	37.92 1.45 0.00	42.57 1.62 0.00	38.65 1.45 0.00	42.69 1.57 0.00	46.15 2.02 0.00	69.01 2.43 0.00	144.65 5.00 0.00	170.05 5.39 0.00	193.36 7.67 0.00	56.73 3.28 -0.02	66.18 4.01 -0.08	57.27 3.30 0.00	52.28 3.21 0.00	54.83 3.60 0.00	76.33 4.47 0.00	80.68 5.02 0.00	86.38 5.11 0.00	81.40 4.40 0.00	84.51 4.13 0.00	153.95 8.02 0.00	114.34 6.01 0.00	140.55 4.43 0.00	66.03 2.05 0.00
SOUTH CAIRO__GT 23612	37.04 1.68 0.00	38.17 1.70 0.00	42.83 1.88 0.00	38.91 1.71 0.00	43.08 1.95 0.00	46.21 2.08 0.00	70.01 3.44 0.00	146.27 6.62 0.00	173.77 9.11 0.00	195.80 10.11 0.00	56.38 2.95 0.00	65.65 3.57 0.00	57.27 3.30 0.00	52.14 3.07 0.00	54.53 3.30 0.00	76.71 4.85 0.00	80.54 4.88 0.00	87.05 5.77 0.00	82.50 5.50 0.00	85.97 5.59 0.00	155.74 9.81 0.00	115.24 6.91 0.00	144.43 8.31 0.00	67.71 3.73 0.00
SOUTH HAMPTN__IC 23720	37.43 2.07 0.00	38.26 1.79 0.00	42.96 2.01 0.00	39.01 1.81 0.00	43.11 1.99 0.00	46.68 2.55 0.00	69.63 3.05 0.00	145.64 5.99 0.00	170.79 6.13 0.00	194.42 8.73 0.00	57.33 3.88 -0.02	67.03 4.87 -0.08	57.86 3.88 0.00	52.78 3.71 0.00	55.38 4.15 0.00	77.11 5.26 0.00	81.56 5.90 0.00	86.94 5.66 0.00	81.79 4.78 0.00	84.60 4.22 0.00	154.86 8.93 0.00	116.12 7.79 0.00	141.77 5.65 0.00	66.33 2.35 0.00
SOUTH DOW__115KV_TB1 355954	31.70 -2.06 1.61	34.13 -2.12 0.23	38.83 -2.11 0.00	35.90 -1.30 0.00	39.99 -1.14 0.00	42.72 -1.41 0.00	57.29 -1.87 7.42	126.41 -2.50 10.74	161.18 -2.96 0.52	178.13 -2.99 4.57	42.03 -1.82 9.59	49.96 -2.34 9.79	42.76 -2.50 8.72	38.09 -2.38 8.60	38.23 -2.45 10.55	54.67 -4.29 12.89	47.63 -4.21 23.82	38.20 -4.12 38.96	46.07 -3.27 27.66	57.10 -2.39 20.88	137.26 -2.79 5.88	106.76 -1.56 0.00	135.21 -0.91 0.00	62.95 -1.03 0.00
SOUTH DOW__69_KV_BK 2 55809	37.77 2.41 0.00	38.58 2.12 0.00	43.33 2.38 0.00	39.36 2.16 0.00	43.51 2.38 0.00	47.10 2.97 0.00	70.37 3.79 0.00	147.31 7.66 0.00	172.76 8.10 0.00	196.65 10.95 0.00	57.98 4.54 -0.02	67.80 5.63 -0.08	58.54 4.57 0.00	53.42 4.34 0.00	55.99 4.75 0.00	78.01 6.16 0.00	82.57 6.91 0.00	88.07 6.79 0.00	82.94 5.94 0.00	85.87 5.49 0.00	157.06 11.12 0.00	117.64 9.31 0.00	143.72 7.60 0.00	67.22 3.24 0.00
SOUTH DOW__IC 23719	37.77 2.41 0.00	38.58 2.11 0.00	43.33 2.38 0.00	39.36 2.15 0.00	43.50 2.38 0.00	47.11 2.98 0.00	70.36 3.78 0.00	147.30 7.65 0.00	172.77 8.11 0.00	196.65 10.96 0.00	57.96 4.52 -0.02	67.80 5.63 -0.08	58.56 4.58 0.00	53.40 4.32 0.00	56.02 4.79 0.00	78.01 6.16 0.00	82.55 6.89 0.00	88.09 6.82 0.00	82.95 5.95 0.00	85.87 5.49 0.00	157.05 11.12 0.00	117.68 9.35 0.00	143.70 7.58 0.00	67.22 3.24 0.00
SOUTH FORK_WT_PWR 323839	37.82 2.46 0.00	38.62 2.15 0.00	43.36 2.41 0.00	39.39 2.19 0.00	43.54 2.42 0.00	47.16 3.03 0.00	70.43 3.85 0.00	147.44 7.78 0.00	172.80 8.14 0.00	196.70 11.01 0.00	58.00 4.55 -0.02	67.84 5.67 -0.08	58.56 4.59 0.00	53.46 4.39 0.00	56.07 4.84 0.00	78.09 6.23 0.00	82.63 6.96 0.00	88.19 6.91 0.00	83.02 6.01 0.00	85.98 5.60 0.00	157.27 11.34 0.00	117.85 9.52 0.00	143.93 7.81 0.00	67.29 3.31 0.00
SPIERFLS_115KV_TB 1 80737	36.89 1.52 0.00	37.96 1.48 0.00	42.58 1.63 0.00	38.59 1.39 0.00	42.83 1.71 0.00	46.00 1.87 0.00	69.48 2.91 0.00	145.40 5.75 0.00	171.53 6.87 0.00	193.23 7.54 0.00	55.66 2.23 0.00	64.89 2.80 0.00	56.74 2.76 0.00	51.59 2.52 0.00	53.74 2.51 0.00	75.81 3.95 0.00	79.97 4.30 0.00	86.20 4.92 0.00	81.65 4.64 0.00	84.76 4.39 0.00	153.49 7.56 0.00	112.90 4.58 0.00	141.10 4.99 0.00	65.76 1.78 0.00

ST LAWRENCE____ 23600	35.33 -0.03 0.00	36.53 0.05 0.00	40.92 -0.03 0.00	37.12 -0.08 0.00	41.02 -0.10 0.00	44.11 -0.02 0.00	66.28 -0.29 0.00	139.11 -0.54 0.00	164.09 -0.57 0.00	184.70 -0.99 0.00	52.94 -0.48 0.00	61.39 -0.70 0.00	53.31 -0.66 0.00	48.37 -0.70 0.00	50.42 -0.82 0.00	70.74 -1.12 0.00	74.48 -1.19 0.00	80.10 -1.17 0.00	75.92 -1.09 0.00	79.35 -1.03 0.00	144.19 -1.74 0.00	107.72 -0.61 0.00	135.96 -0.15 0.00	28.20 0.13 35.92
STATE_CA_115KV_115_LB 55624	36.32 0.96 0.00	37.46 0.98 0.00	42.05 1.10 0.00	38.18 0.98 0.00	42.23 1.11 0.00	45.25 1.11 0.00	68.27 1.70 0.00	142.84 3.19 0.00	168.55 3.89 0.00	190.08 4.39 0.00	54.89 1.46 0.00	63.90 1.82 0.00	55.78 1.81 0.00	50.78 1.71 0.00	52.99 1.76 0.00	74.46 2.61 0.00	78.38 2.72 0.00	84.08 2.81 0.00	79.47 2.47 0.00	82.74 2.36 0.00	149.90 3.97 0.00	111.02 2.69 0.00	139.43 3.31 0.00	65.51 1.53 0.00
STATE_ST_34_KV_LOAD 55959	35.14 -0.22 0.00	36.21 -0.26 0.00	40.64 -0.30 0.00	36.97 -0.23 0.00	40.75 -0.37 0.00	43.93 -0.20 0.00	68.25 0.11 -1.58	142.54 0.60 -2.29	164.89 0.15 -0.07	186.40 0.06 -0.65	55.12 -0.20 -1.90	63.97 -0.17 -2.06	55.42 -0.39 -1.83	50.56 -0.32 -1.81	53.09 -0.36 -2.22	74.05 -0.52 -2.71	81.62 -0.12 -6.07	91.01 0.03 -9.71	84.13 0.10 -7.02	85.65 0.18 -5.10	147.99 0.81 -1.25	108.76 0.44 0.00	136.56 0.44 0.00	69.96 0.14 -5.84
STATION_5_MISC_HYD 23604	34.11 -1.20 0.05	35.21 -1.27 0.00	36.63 -1.38 2.95	31.03 -1.03 5.14	32.94 -0.96 7.22	37.68 -1.14 5.31	65.03 -1.50 0.04	136.20 -2.49 0.97	159.17 -3.13 2.36	181.87 -3.82 0.00	49.31 -1.33 2.78	59.86 -1.59 0.63	47.74 -1.82 4.41	43.97 -1.67 3.44	47.50 -1.67 2.06	64.55 -2.69 4.62	60.84 -2.66 12.16	58.89 -2.51 19.88	58.87 -1.99 16.15	64.12 -1.78 14.47	137.51 -3.42 5.00	98.33 -2.39 7.60	120.20 -2.79 13.13	53.17 -1.74 9.07
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	34.36 -1.00 0.00	35.42 -1.05 0.00	39.79 -1.16 0.00	36.30 -0.90 0.00	40.26 -0.86 0.00	43.22 -0.91 0.00	65.51 -1.06 0.00	138.15 -1.50 0.00	162.60 -2.06 0.00	183.27 -2.42 0.00	52.42 -1.01 0.00	60.79 -1.29 0.00	52.52 -1.45 0.00	47.72 -1.35 0.00	49.92 -1.32 0.00	69.84 -2.01 4.78	68.97 -1.92 11.55	67.88 -1.85 6.42	69.18 -1.41 3.06	76.10 -1.22 3.06	143.78 -2.15 0.00	106.77 -1.56 0.00	134.23 -1.89 0.00	62.81 -1.17 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	33.98 -1.38 0.00	35.03 -1.44 0.00	39.38 -1.57 0.00	35.98 -1.22 0.00	39.93 -1.20 0.00	42.79 -1.35 0.00	64.71 -1.87 0.00	136.37 -3.28 0.00	160.62 -4.04 0.00	180.94 -4.75 0.00	51.82 -1.61 0.00	60.18 -1.90 0.00	51.95 -2.02 0.00	47.20 -1.87 0.00	49.34 -1.90 0.00	68.87 -2.98 5.04	67.71 -2.91 12.19	66.27 -2.91 6.78	67.91 -2.31 6.78	74.97 -2.18 3.23	141.89 -4.04 0.00	105.45 -2.88 0.00	132.64 -3.48 0.00	61.96 -2.02 0.00
STA_56____34_KV_BUS2 355983	33.98 -1.38 0.00	35.03 -1.44 0.00	39.38 -1.57 0.00	35.98 -1.22 0.00	39.93 -1.20 0.00	42.79 -1.35 0.00	64.71 -1.87 0.00	136.37 -3.28 0.00	160.62 -4.04 0.00	180.94 -4.75 0.00	51.82 -1.61 0.00	60.18 -1.90 0.00	51.95 -2.02 0.00	47.20 -1.87 0.00	49.34 -1.90 0.00	68.87 -2.98 5.04	67.71 -2.91 12.19	66.27 -2.81 6.78	67.91 -2.31 6.78	74.97 -2.18 3.23	141.89 -4.04 0.00	105.45 -2.88 0.00	132.64 -3.48 0.00	61.96 -2.02 0.00
STA_67____115KV_BK2 355882	34.09 -1.27 0.00	35.14 -1.33 0.00	39.51 -1.44 0.00	36.11 -1.09 0.00	40.09 -1.04 0.00	42.93 -1.20 0.00	64.92 -1.66 0.00	136.81 -2.84 0.00	161.11 -3.55 0.00	181.48 -4.21 0.00	51.95 -1.47 0.00	60.32 -1.77 0.00	52.06 -1.92 0.00	47.28 -1.79 0.00	49.42 -1.81 0.00	68.98 -2.88 5.25	67.60 -2.80 12.70	65.88 -2.70 7.06	67.76 -2.18 3.36	75.00 -2.01 3.36	142.22 -3.71 0.00	105.73 -2.60 0.00	133.04 -3.07 0.00	62.12 -1.86 0.00
STA_7____115KV_9TRANS 80674	34.28 -1.08 0.00	35.34 -1.13 0.00	39.72 -1.23 0.00	36.30 -0.90 0.00	40.31 -0.82 0.00	43.19 -0.95 0.00	65.34 -1.24 0.00	137.78 -1.87 0.00	162.28 -2.38 0.00	182.79 -2.90 0.00	52.35 -1.08 0.00	60.79 -1.29 0.00	52.45 -1.52 0.00	47.65 -1.42 0.00	49.81 -1.43 0.00	69.52 -2.33 5.25	68.21 -2.21 12.69	66.55 -2.03 7.06	68.42 -1.53 3.36	75.67 -1.35 3.36	143.38 -2.55 0.00	106.51 -1.81 0.00	133.95 -2.16 0.00	62.54 -1.44 0.00
STA_82____115KV_TB1 80780	34.06 -1.30 0.00	35.11 -1.36 0.00	39.48 -1.47 0.00	36.08 -1.12 0.00	40.05 -1.08 0.00	42.89 -1.24 0.00	64.85 -1.73 0.00	136.67 -2.99 0.00	160.95 -3.71 0.00	181.28 -4.41 0.00	51.90 -1.53 0.00	60.25 -1.83 0.00	52.00 -1.98 0.00	47.22 -1.85 0.00	49.36 -1.87 0.00	68.90 -2.95 5.29	67.49 -2.88 12.79	65.70 -2.79 7.12	67.62 -2.27 3.39	74.89 -2.10 3.39	142.06 -3.87 0.00	105.62 -2.71 0.00	132.95 -3.17 0.00	62.07 -1.92 0.00
STEEL____WIND 323596	30.04 -2.53 2.79	33.54 -2.56 0.38	30.60 -2.85 7.49	21.97 -2.15 13.08	20.64 -2.12 18.36	28.00 -2.62 13.51	49.98 -4.18 12.42	111.10 -8.27 20.28	147.85 -10.02 6.79	169.37 -11.24 5.08	27.63 -3.74 22.05	39.79 -4.46 17.84	23.78 -4.53 25.67	21.91 -4.14 23.02	24.06 -4.42 22.75	32.07 -6.66 33.13	21.55 -6.91 47.20	15.00 -6.99 59.28	15.20 -6.02 55.79	18.23 -5.56 56.59	113.68 -9.76 22.49	82.58 -6.41 19.34	95.89 -6.82 33.40	37.22 -3.68 23.08
STEPHTWN_115KV_BK_2 55603	36.36 1.00 0.00	37.48 1.01 0.00	42.09 1.14 0.00	38.24 1.04 0.00	42.30 1.18 0.00	45.35 1.22 0.00	68.49 1.91 0.00	143.31 3.66 0.00	169.21 4.55 0.00	190.86 5.17 0.00	55.11 1.69 0.00	64.21 2.13 0.00	56.04 2.07 0.00	51.00 1.93 0.00	53.25 2.02 0.00	74.84 2.98 0.00	78.74 3.08 0.00	84.58 3.31 0.00	80.02 3.02 0.00	83.26 2.88 0.00	150.78 4.85 0.00	111.66 3.33 0.00	140.14 4.02 0.00	65.80 1.81 0.00
STEBEN_REC_LFGE 323667	36.99 -3.55 -5.19	33.54 -3.67 -0.74	36.81 -4.14 0.00	33.65 -3.55 0.00	37.54 -3.58 0.00	40.16 -3.97 0.00	84.82 -5.63 -23.87	162.68 -11.58 -34.61	150.71 -15.23 -1.28	179.86 -17.16 -11.33	78.08 -4.79 -29.44	87.48 -5.95 -31.34	76.43 -5.46 -27.92	71.91 -4.71 -27.55	80.54 -4.48 -33.80	106.35 -6.78 -41.28	71.75 -7.54 -3.63	25.42 -8.09 47.76	61.77 -6.85 8.39	94.45 -6.51 -20.58	154.29 -10.54 -18.90	102.23 -6.10 0.00	131.82 -4.30 0.00	61.89 -2.10 0.00
STILLWATER____SOLAR 323814	36.59 1.23 0.00	37.72 1.24 0.00	42.32 1.38 0.00	38.39 1.19 0.00	42.54 1.42 0.00	45.61 1.48 0.00	68.87 2.30 0.00	144.10 4.45 0.00	169.99 5.33 0.00	191.45 5.76 0.00	55.17 1.74 0.00	64.26 2.18 0.00	56.14 2.17 0.00	51.07 2.00 0.00	53.24 2.01 0.00	75.01 3.15 0.00	79.04 3.38 0.00	84.96 3.69 0.00	80.44 3.44 0.00	83.66 3.28 0.00	151.49 5.56 0.00	112.00 3.67 0.00	140.46 4.35 0.00	65.78 1.80 0.00
STONY____BROOK 24151	37.02 1.66 0.00	37.88 1.41 0.00	42.52 1.57 0.00	38.61 1.41 0.00	42.64 1.52 0.00	46.13 1.99 0.00	68.92 2.35 0.00	144.44 4.78 0.00	169.86 5.19 0.00	193.20 7.51 0.00	56.66 3.21 -0.02	66.17 4.00 -0.08	57.29 3.31 0.00	52.27 3.20 0.00	54.84 3.61 0.00	76.30 4.45 0.00	80.64 4.98 0.00	86.32 5.05 0.00	81.31 4.30 0.00	84.35 3.97 0.00	153.73 7.80 0.00	114.27 5.95 0.00	140.39 4.27 0.00	65.96 1.97 0.00

STURGEON_POOL_HYD 23609	36.21 0.85 0.00	37.23 0.76 0.00	41.92 0.98 0.00	38.08 0.88 0.00	42.02 0.89 0.00	45.24 1.11 0.00	68.26 1.69 0.00	143.32 3.67 0.00	168.91 4.25 0.00	191.11 5.42 0.00	55.31 1.89 0.00	64.39 2.31 0.00	56.10 2.12 0.00	51.11 2.03 0.00	53.48 2.25 0.00	74.87 3.02 0.00	78.78 3.12 0.00	84.66 3.39 0.00	80.01 3.00 0.00	83.38 3.00 0.00	150.95 5.02 0.00	111.34 3.01 0.00	138.82 2.70 0.00	65.28 1.30 0.00
ST_LAW_115_BK7_LBMP 345037	35.35 -0.01 0.00	36.56 0.09 0.00	40.95 0.00 0.00	37.14 -0.06 0.00	41.04 -0.08 0.00	44.14 0.01 0.00	66.28 -0.29 0.00	139.10 -0.55 0.00	164.09 -0.57 0.00	184.67 -1.02 0.00	52.91 -0.52 0.00	61.34 -0.75 0.00	53.24 -0.73 0.00	48.31 -0.76 0.00	50.36 -0.87 0.00	70.65 -1.21 0.00	74.36 -1.30 0.00	80.00 -1.27 0.00	75.82 -1.19 0.00	79.26 -1.12 0.00	144.04 -1.89 0.00	107.65 -0.68 0.00	135.88 -0.24 0.00	15.88 0.15 48.25
ST_LAW_115_BK8_LBMP 345038	35.35 -0.01 0.00	36.56 0.09 0.00	40.95 0.00 0.00	37.14 -0.06 0.00	41.04 -0.08 0.00	44.14 0.01 0.00	66.28 -0.29 0.00	139.10 -0.55 0.00	164.09 -0.57 0.00	184.67 -1.02 0.00	52.91 -0.52 0.00	61.34 -0.75 0.00	53.24 -0.73 0.00	48.31 -0.76 0.00	50.36 -0.87 0.00	70.65 -1.21 0.00	74.36 -1.30 0.00	80.00 -1.27 0.00	75.82 -1.19 0.00	79.26 -1.12 0.00	144.04 -1.89 0.00	107.65 -0.68 0.00	135.88 -0.24 0.00	15.88 0.15 48.25
ST_LAW_230_BK5_LBMP 345035	35.33 -0.03 0.00	36.53 0.05 0.00	40.92 -0.03 0.00	37.12 -0.08 0.00	41.02 -0.10 0.00	44.11 -0.02 0.00	66.28 -0.29 0.00	139.11 -0.54 0.00	164.09 -0.57 0.00	184.70 -0.99 0.00	52.94 -0.48 0.00	61.39 -0.70 0.00	53.31 -0.66 0.00	48.37 -0.70 0.00	50.42 -0.82 0.00	70.74 -1.12 0.00	74.48 -1.19 0.00	80.10 -1.17 0.00	75.92 -1.09 0.00	79.35 -1.03 0.00	144.19 -1.74 0.00	107.72 -0.61 0.00	135.96 -0.15 0.00	32.99 0.13 31.12
ST_LAW_230_BK6_LBMP 345036	35.33 -0.03 0.00	36.53 0.05 0.00	40.92 -0.03 0.00	37.12 -0.08 0.00	41.02 -0.10 0.00	44.11 -0.02 0.00	66.28 -0.29 0.00	139.11 -0.54 0.00	164.09 -0.57 0.00	184.70 -0.99 0.00	52.94 -0.48 0.00	61.39 -0.70 0.00	53.31 -0.66 0.00	48.37 -0.70 0.00	50.42 -0.82 0.00	70.74 -1.12 0.00	74.48 -1.19 0.00	80.10 -1.17 0.00	75.92 -1.09 0.00	79.35 -1.03 0.00	144.19 -1.74 0.00	107.72 -0.61 0.00	135.96 -0.15 0.00	32.99 0.13 31.12
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	36.12 0.76 0.00	37.18 0.71 0.00	41.88 0.93 0.00	38.05 0.85 0.00	41.97 0.85 0.00	45.19 1.06 0.00	68.21 1.63 0.00	143.18 3.53 0.00	168.57 3.91 0.00	190.75 5.06 0.00	55.19 1.77 0.00	64.21 2.13 0.00	55.92 1.95 0.00	50.93 1.86 0.00	53.28 2.04 0.00	74.55 2.70 0.00	78.51 2.84 0.00	84.31 3.03 0.00	79.64 2.63 0.00	82.96 2.58 0.00	150.11 4.18 0.00	110.77 2.44 0.00	138.15 2.03 0.00	65.03 1.05 0.00
SWANROAD_115KV_TB1 355699	30.00 -3.25 2.11	32.84 -3.33 0.30	37.12 -3.82 0.00	34.18 -3.02 0.00	37.99 -3.14 0.00	40.34 -3.79 0.00	50.80 -6.07 9.71	113.00 -12.59 14.06	148.76 -15.46 0.44	164.03 -17.76 3.90	36.10 -5.56 11.77	42.65 -6.63 12.81	36.10 -6.46 11.41	31.79 -6.02 11.26	31.18 -6.23 13.82	45.76 -9.22 16.88	42.04 -9.50 24.12	37.28 -9.87 34.12	41.49 -8.75 26.76	48.82 -8.74 22.82	122.50 -15.72 7.70	97.56 -10.76 0.00	123.86 -12.26 0.00	57.68 -6.30 0.00
SYNERGY___BIOGAS 323694	32.44 -1.55 1.37	34.68 -1.59 0.20	39.17 -1.77 0.00	35.95 -1.25 0.00	39.99 -1.14 0.00	42.70 -1.44 0.00	58.25 -2.06 6.27	127.15 -3.43 9.07	159.80 -4.58 0.28	177.75 -5.43 2.51	43.81 -2.02 7.60	51.25 -2.57 8.27	43.62 -2.99 7.37	39.01 -2.79 7.27	39.43 -2.88 8.92	56.28 -4.68 10.89	53.35 -5.05 17.27	50.07 -5.09 26.12	53.78 -3.68 19.55	61.39 -3.18 15.81	135.25 -5.71 4.97	104.56 -3.77 0.00	132.05 -4.06 0.00	61.43 -2.55 0.00
SYRACUSE___ENERGY_ST1 323597	34.99 -0.37 0.00	36.04 -0.43 0.00	40.43 -0.51 0.00	36.76 -0.44 0.00	40.66 -0.47 0.00	43.70 -0.43 0.00	66.28 -0.30 0.00	139.39 -0.27 0.00	164.20 -0.46 0.00	185.28 -0.41 0.00	53.17 -0.26 0.00	61.78 -0.30 0.00	53.54 -0.43 0.00	48.68 -0.40 0.00	50.93 -0.30 0.00	71.40 -0.46 0.00	75.33 -0.34 0.00	81.02 -0.25 0.00	76.92 -0.09 0.00	80.33 -0.05 0.00	145.96 0.03 0.00	108.21 -0.12 0.00	135.87 -0.24 0.00	71.03 -0.22 -7.26
SYRACUSE___ENERGY_ST2 323598	34.99 -0.37 0.00	36.04 -0.43 0.00	40.43 -0.51 0.00	36.76 -0.44 0.00	40.66 -0.47 0.00	43.70 -0.43 0.00	66.28 -0.30 0.00	139.39 -0.27 0.00	164.20 -0.46 0.00	185.28 -0.41 0.00	53.17 -0.26 0.00	61.78 -0.30 0.00	53.54 -0.43 0.00	48.68 -0.40 0.00	50.93 -0.30 0.00	71.40 -0.46 0.00	75.33 -0.34 0.00	81.02 -0.25 0.00	76.92 -0.09 0.00	80.33 -0.05 0.00	145.96 0.03 0.00	108.21 -0.12 0.00	135.87 -0.24 0.00	71.03 -0.22 -7.26
SYRACUSE___POWER 24017	34.98 -0.38 0.00	36.04 -0.43 0.00	40.43 -0.52 0.00	36.76 -0.44 0.00	40.68 -0.45 0.00	43.69 -0.44 0.00	66.20 -0.37 0.00	139.24 -0.41 0.00	164.15 -0.51 0.00	185.31 -0.39 0.00	53.20 -0.22 0.00	61.77 -0.31 0.00	53.56 -0.41 0.00	48.66 -0.41 0.00	50.95 -0.29 0.00	71.41 -0.45 0.00	77.72 -0.40 -2.46	86.50 -0.31 -5.54	80.12 -0.11 -3.22	81.88 -0.07 -1.57	145.91 -0.02 0.00	108.13 -0.20 0.00	135.82 -0.30 0.00	70.84 -0.27 -7.13
TALLMAN__138KV_BK151 55660	36.27 0.91 0.00	37.28 0.81 0.00	41.94 0.99 0.00	38.10 0.90 0.00	42.01 0.89 0.00	45.27 1.14 0.00	68.33 1.75 0.00	143.36 3.71 0.00	168.80 4.14 0.00	191.02 5.33 0.00	55.32 1.90 0.00	64.38 2.30 0.00	56.09 2.12 0.00	51.09 2.02 0.00	53.46 2.23 0.00	74.85 2.99 0.00	78.80 3.14 0.00	84.59 3.31 0.00	79.89 2.88 0.00	83.27 2.89 0.00	150.57 4.64 0.00	111.06 2.73 0.00	138.36 2.24 0.00	65.15 1.17 0.00
TEALLAVE_115KV_TB7 355573	34.87 -0.49 0.00	35.91 -0.56 0.00	40.30 -0.65 0.00	36.64 -0.56 0.00	40.56 -0.57 0.00	43.55 -0.59 0.00	65.93 -0.65 0.00	138.67 -0.99 0.00	163.47 -1.19 0.00	184.49 -1.20 0.00	52.98 -0.45 0.00	61.51 -0.58 0.00	53.34 -0.63 0.00	48.47 -0.60 0.00	50.74 -0.50 0.00	71.10 -0.75 0.00	74.94 -0.72 0.00	80.57 -0.70 0.00	76.51 -0.49 0.00	79.90 -0.48 0.00	145.11 -0.82 0.00	107.59 -0.74 0.00	135.14 -0.98 0.00	71.35 -0.58 -7.94
TELEGRAPH_34_KV_EAST 80808	31.22 -2.41 1.73	33.77 -2.46 0.25	38.18 -2.77 0.00	35.08 -2.12 0.00	39.02 -2.11 0.00	41.51 -2.62 0.00	54.57 -4.06 7.94	120.20 -7.95 11.50	154.39 -9.91 0.36	170.98 -11.54 3.17	40.04 -3.75 9.63	47.03 -4.57 10.48	39.96 -4.68 9.34	35.45 -4.40 9.22	35.37 -4.55 11.31	51.10 -6.94 13.81	47.97 -7.14 20.55	44.03 -7.36 29.88	47.79 -6.22 22.99	55.14 -6.05 19.19	128.73 -10.90 6.31	100.98 -7.35 0.00	127.84 -8.28 0.00	59.49 -4.49 0.00
TEMPLE___115KV_TB 2 55572	34.87 -0.49 0.00	35.91 -0.56 0.00	40.30 -0.65 0.00	36.64 -0.56 0.00	40.56 -0.57 0.00	43.56 -0.58 0.00	65.93 -0.65 0.00	138.67 -0.98 0.00	163.48 -1.19 0.00	184.49 -1.20 0.00	52.98 -0.44 0.00	61.52 -0.57 0.00	53.35 -0.62 0.00	48.48 -0.59 0.00	50.76 -0.48 0.00	71.12 -0.73 0.00	74.95 -0.72 0.00	80.58 -0.70 0.00	76.53 -0.48 0.00	79.91 -0.47 0.00	145.14 -0.80 0.00	107.59 -0.74 0.00	135.14 -0.98 0.00	71.12 -0.58 -7.72

TIANA___69_KV_BK 1 55817	37.34 1.98 0.00	38.17 1.70 0.00	42.85 1.90 0.00	38.91 1.71 0.00	43.01 1.89 0.00	46.53 2.40 0.00	69.43 2.85 0.00	145.24 5.59 0.00	170.29 5.63 0.00	193.86 8.17 0.00	57.20 3.75 -0.02	66.85 4.68 -0.08	57.69 3.71 0.00	52.63 3.56 0.00	55.18 3.95 0.00	76.89 5.04 0.00	81.32 5.66 0.00	86.63 5.36 0.00	81.54 4.54 0.00	84.34 3.96 0.00	154.32 8.39 0.00	115.70 7.37 0.00	141.34 5.22 0.00	66.13 2.15 0.00
TILDEN___115KV_TB1 80814	34.98 -0.38 0.00	36.04 -0.43 0.00	40.43 -0.52 0.00	36.76 -0.44 0.00	40.68 -0.45 0.00	43.69 -0.44 0.00	66.20 -0.37 0.00	139.24 -0.41 0.00	164.15 -0.51 0.00	185.31 -0.39 0.00	53.20 -0.22 0.00	61.77 -0.31 0.00	53.56 -0.41 0.00	48.66 -0.41 0.00	50.95 -0.29 0.00	71.41 -0.45 0.00	77.72 -0.40 -2.46	86.50 -0.31 -5.54	80.12 -0.11 -3.22	81.88 -0.07 -1.57	145.91 -0.02 0.00	108.13 -0.20 0.00	135.82 -0.30 0.00	70.84 -0.27 -7.13
TRIGEN___CC 323695	36.66 1.30 0.00	37.60 1.13 0.00	42.24 1.29 0.00	38.35 1.15 0.00	42.33 1.21 0.00	45.69 1.56 0.00	68.48 1.91 0.00	143.92 4.27 0.00	169.38 4.72 0.00	192.01 6.32 0.00	55.94 2.49 -0.02	65.13 2.96 -0.08	56.53 2.55 0.00	51.60 2.53 0.00	54.04 2.81 0.00	75.27 3.42 0.00	79.50 3.84 0.00	85.31 4.04 0.00	80.44 3.44 0.00	83.75 3.37 0.00	151.99 6.06 0.00	112.14 3.81 0.00	138.90 2.78 0.00	65.49 1.51 0.00
TRINITY___115KV___4 BK 55933	36.18 0.82 0.00	37.31 0.84 0.00	41.89 0.94 0.00	38.03 0.83 0.00	42.07 0.95 0.00	45.06 0.93 0.00	67.96 1.38 0.00	142.06 2.41 0.00	167.63 2.97 0.00	189.04 3.35 0.00	54.59 1.17 0.00	63.56 1.48 0.00	55.50 1.53 0.00	50.52 1.45 0.00	52.73 1.50 0.00	74.10 2.24 0.00	77.98 2.31 0.00	83.63 2.36 0.00	79.04 2.04 0.00	82.28 1.91 0.00	149.03 3.10 0.00	110.42 2.10 0.00	138.75 2.64 0.00	65.20 1.21 0.00
UNION___PROCESSING_DRP 323587	34.07 -1.30 0.00	35.11 -1.36 0.00	39.48 -1.47 0.00	36.08 -1.12 0.00	40.06 -1.07 0.00	42.91 -1.22 0.00	64.86 -1.72 0.00	136.68 -2.97 0.00	160.96 -3.70 0.00	181.30 -4.39 0.00	51.91 -1.52 0.00	60.26 -1.82 0.00	52.00 -1.97 0.00	47.24 -1.83 0.00	49.37 -1.87 0.00	68.91 -2.95 0.00	67.49 -2.88 5.30	65.70 -2.78 12.79	67.63 -2.26 7.12	74.91 -2.09 3.39	142.07 -3.86 0.00	105.62 -2.70 0.00	132.96 -3.16 0.00	62.09 -1.89 0.00
UPPER HUDSON___HYD 24058	36.88 1.52 0.00	37.96 1.48 0.00	42.58 1.64 0.00	38.59 1.39 0.00	42.83 1.71 0.00	46.00 1.87 0.00	69.48 2.91 0.00	145.40 5.75 0.00	171.53 6.87 0.00	193.24 7.54 0.00	55.65 2.22 0.00	64.89 2.80 0.00	56.74 2.77 0.00	51.60 2.52 0.00	53.74 2.51 0.00	75.81 3.95 0.00	79.98 4.32 0.00	86.20 4.92 0.00	81.65 4.64 0.00	84.76 4.38 0.00	153.50 7.57 0.00	112.92 4.59 0.00	141.10 4.99 0.00	65.76 1.78 0.00
UPPER RAQUET___HYD 24056	35.21 -0.15 0.00	36.46 -0.01 0.00	40.95 0.00 0.00	37.17 -0.03 0.00	40.99 -0.13 0.00	44.10 -0.04 0.00	66.07 -0.51 0.00	139.32 -0.34 0.00	164.30 -0.36 0.00	184.55 -1.14 0.00	52.61 -0.81 0.00	60.87 -1.22 0.00	52.58 -1.39 0.00	47.54 -1.53 0.00	49.61 -1.63 0.00	69.85 -2.01 0.00	73.30 -2.37 0.00	78.84 -2.44 0.00	74.77 -2.24 0.00	78.47 -1.91 0.00	142.87 -3.06 0.00	107.57 -0.75 0.00	136.35 0.24 0.00	376.90 0.69 -312.23
VALLEY44_115KV_TB2 355964	32.32 -1.80 1.24	34.46 -1.84 0.18	38.92 -2.03 0.00	35.75 -1.45 0.00	39.73 -1.40 0.00	42.39 -1.75 0.00	58.09 -2.75 5.74	125.89 -5.46 8.31	157.83 -6.36 0.47	174.67 -6.90 4.13	42.93 -2.86 7.63	51.06 -3.46 7.56	44.08 -3.15 6.74	39.60 -2.82 6.65	40.23 -2.85 8.16	57.16 -4.73 9.97	49.14 -4.87 21.66	38.13 -5.24 37.91	46.74 -4.53 25.74	58.03 -4.12 18.22	134.68 -6.70 4.55	103.87 -4.46 0.00	132.26 -3.85 0.00	61.73 -2.26 0.00
VALLEY___115KV_TB 1-4 80826	35.39 0.03 0.00	36.32 -0.15 0.00	40.66 -0.29 0.00	36.90 -0.30 0.00	40.88 -0.25 0.00	43.85 -0.28 0.00	66.31 -0.27 0.00	138.86 -0.79 0.00	163.76 -0.90 0.00	184.69 -1.00 0.00	53.10 -0.33 0.00	61.93 -0.16 0.00	54.01 0.03 0.00	49.06 -0.01 0.00	51.17 -0.06 0.00	72.15 0.29 0.00	76.27 0.61 0.00	81.90 0.63 0.00	77.55 0.54 0.00	80.78 0.40 0.00	146.60 0.67 0.00	108.37 0.04 0.00	135.77 -0.34 0.00	72.48 -0.19 -8.69
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	36.02 0.66 0.00	37.17 0.70 0.00	41.78 0.83 0.00	37.96 0.76 0.00	41.95 0.83 0.00	45.10 0.96 0.00	68.27 1.70 0.00	143.43 3.78 0.00	169.28 4.62 0.00	191.40 5.71 0.00	55.11 1.69 0.00	64.02 1.94 0.00	55.67 1.70 0.00	50.62 1.55 0.00	53.09 1.86 0.00	74.55 2.69 0.00	78.62 2.96 0.00	85.00 3.16 -0.56	80.26 3.13 -0.12	83.65 3.27 0.00	151.96 6.03 0.00	112.48 4.16 0.00	141.29 5.17 0.00	66.36 2.37 0.00
VISCHER___FERRY HYD 24020	36.16 0.80 0.00	37.30 0.83 0.00	41.86 0.92 0.00	37.98 0.78 0.00	42.06 0.94 0.00	45.04 0.91 0.00	67.92 1.35 0.00	141.83 2.18 0.00	167.34 2.68 0.00	188.51 2.82 0.00	54.43 1.01 0.00	63.40 1.32 0.00	55.40 1.42 0.00	50.43 1.36 0.00	52.58 1.35 0.00	74.04 2.18 0.00	77.94 2.27 0.00	83.54 2.27 0.00	78.99 1.98 0.00	82.13 1.75 0.00	148.72 2.79 0.00	110.18 1.86 0.00	138.55 2.43 0.00	64.95 0.97 0.00
V_A_10_SYNC_DSASP 323832	30.86 -2.86 1.64	33.32 -2.92 0.23	37.77 -3.18 0.00	34.68 -2.52 0.00	38.55 -2.57 0.00	41.01 -3.12 0.00	54.10 -4.95 7.52	118.55 -10.20 10.90	151.78 -12.54 0.34	168.29 -14.40 3.00	39.77 -4.54 9.11	46.83 -5.32 9.93	39.96 -5.17 8.85	35.58 -4.77 8.73	35.58 -4.94 10.71	51.37 -7.40 13.08	48.62 -7.49 19.55	44.91 -7.83 28.54	48.17 -6.94 21.89	55.26 -6.89 18.23	127.59 -12.37 5.97	99.75 -8.58 0.00	126.40 -9.71 0.00	58.90 -5.08 0.00
V_CMM_10_SYNC_DSASP 323787	35.51 0.15 0.00	36.72 0.25 0.00	41.14 0.19 0.00	37.32 0.12 0.00	41.25 0.13 0.00	44.34 0.21 0.00	66.47 -0.11 0.00	139.27 -0.38 0.00	164.30 -0.36 0.00	184.94 -0.75 0.00	52.95 -0.47 0.00	61.39 -0.69 0.00	53.29 -0.69 0.00	48.36 -0.71 0.00	50.39 -0.85 0.00	70.69 -1.17 0.00	74.41 -1.26 0.00	80.08 -1.20 0.00	75.89 -1.12 0.00	79.34 -1.04 0.00	144.20 -1.73 0.00	107.73 -0.59 0.00	136.04 -0.08 0.00	16.02 0.29 48.25
V_CMP_10_SYNC_DSASP 323788	35.54 0.18 0.00	36.75 0.28 0.00	41.12 0.17 0.00	37.00 -0.20 0.00	40.81 -0.31 0.00	43.89 -0.24 0.00	66.03 -0.54 0.00	138.41 -1.24 0.00	163.53 -1.13 0.00	184.53 -1.16 0.00	52.98 -0.44 0.00	61.41 -0.67 0.00	53.32 -0.65 0.00	48.32 -0.75 0.00	50.26 -0.97 0.00	70.70 -1.16 0.00	74.41 -1.25 0.00	79.80 -1.47 0.00	75.04 -1.97 0.00	78.14 -2.24 0.00	142.84 -3.09 0.00	107.45 -0.88 0.00	136.87 0.75 0.00	64.73 0.75 0.00
V_D_10_SYNC_DSASP 323841	35.77 0.40 0.00	37.00 0.53 0.00	41.46 0.52 0.00	37.63 0.43 0.00	41.58 0.45 0.00	44.74 0.61 0.00	67.08 0.51 0.00	141.04 1.39 0.00	166.38 1.72 0.00	187.07 1.38 0.00	53.50 0.08 0.00	62.01 -0.08 0.00	53.73 -0.25 0.00	48.70 -0.37 0.00	50.78 -0.45 0.00	71.31 -0.54 0.00	75.04 -0.63 0.00	80.77 -0.51 0.00	76.60 -0.40 0.00	80.18 -0.20 0.00	145.76 -0.17 0.00	109.08 0.75 0.00	137.82 1.71 0.00	517.34 1.13 -452.23

V_E_10_SYNC_DSASP 323830	35.09 -0.63 -0.36	36.10 -0.43 -0.05	39.94 -1.00 0.00	36.32 -0.88 0.00	40.46 -0.66 0.00	44.08 -0.05 0.00	68.35 0.26 -1.52	144.95 3.10 -2.20	168.29 3.56 -0.07	188.34 2.00 -0.65	55.50 0.23 -1.84	64.25 0.19 -1.98	55.75 0.01 -1.77	50.70 -0.12 -1.74	53.53 0.16 -2.14	75.27 0.81 -2.61	92.71 1.26 -15.79	114.84 1.32 -32.25	98.77 1.86 -19.90	94.14 2.48 -11.27	154.03 6.90 -1.20	111.88 3.56 0.00	139.69 3.57 0.00	65.55 1.57 0.00
V_F_30_NSYNC_DSASP 323816	36.63 1.27 0.00	37.76 1.28 0.00	42.36 1.42 0.00	38.44 1.24 0.00	42.58 1.46 0.00	45.66 1.53 0.00	68.97 2.39 0.00	144.37 4.72 0.00	170.24 5.57 0.00	191.80 6.11 0.00	55.27 1.84 0.00	64.35 2.27 0.00	56.22 2.25 0.00	51.13 2.05 0.00	53.31 2.08 0.00	75.10 3.25 0.00	79.15 3.49 0.00	85.10 3.82 0.00	80.53 3.53 0.00	83.76 3.38 0.00	151.73 5.80 0.00	112.16 3.84 0.00	140.68 4.56 0.00	65.88 1.89 0.00
V_F_30_SYNC_DSASP 323786	36.32 0.96 0.00	37.45 0.98 0.00	42.04 1.10 0.00	38.18 0.98 0.00	42.23 1.10 0.00	45.25 1.11 0.00	68.26 1.69 0.00	142.84 3.18 0.00	168.55 3.89 0.00	190.08 4.39 0.00	54.89 1.46 0.00	63.90 1.82 0.00	55.77 1.80 0.00	50.76 1.69 0.00	52.98 1.75 0.00	74.45 2.60 0.00	78.37 2.70 0.00	84.08 2.80 0.00	79.47 2.47 0.00	82.73 2.35 0.00	149.88 3.95 0.00	111.02 2.69 0.00	139.43 3.31 0.00	65.51 1.53 0.00
V_XM_10_SYNC_DSASP 323789	35.54 0.18 0.00	36.75 0.28 0.00	41.12 0.17 0.00	37.00 -0.20 0.00	40.81 -0.31 0.00	43.89 -0.24 0.00	66.03 -0.54 0.00	138.41 -1.24 0.00	163.53 -1.13 0.00	184.53 -1.16 0.00	52.98 -0.44 0.00	61.41 -0.67 0.00	53.32 -0.65 0.00	48.32 -0.75 0.00	50.26 -0.97 0.00	70.70 -1.16 0.00	74.41 -1.25 0.00	79.80 -1.47 0.00	75.04 -1.97 0.00	78.14 -2.24 0.00	142.84 -3.09 0.00	107.45 -0.88 0.00	136.87 0.75 0.00	64.73 0.75 0.00
W.BABYLN_69_KV_BK1 56697	37.23 1.87 0.00	38.10 1.63 0.00	42.77 1.82 0.00	38.83 1.63 0.00	42.87 1.74 0.00	46.35 2.22 0.00	69.38 2.80 0.00	145.67 6.02 0.00	171.39 6.74 0.00	194.65 8.96 0.00	56.87 3.42 -0.02	66.24 4.08 -0.08	57.36 3.39 0.00	52.37 3.29 0.00	54.95 3.72 0.00	76.34 4.49 0.00	80.66 4.99 0.00	86.51 5.23 0.00	81.46 4.45 0.00	84.69 4.31 0.00	154.30 8.37 0.00	114.26 5.93 0.00	140.85 4.73 0.00	66.30 2.32 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	36.40 1.04 0.00	37.41 0.94 0.00	42.09 1.14 0.00	38.24 1.04 0.00	42.16 1.04 0.00	45.44 1.30 0.00	68.59 2.01 0.00	144.01 4.35 0.00	169.54 4.88 0.00	191.85 6.16 0.00	55.57 2.14 0.00	64.66 2.57 0.00	56.34 2.37 0.00	51.33 2.25 0.00	53.70 2.47 0.00	75.19 3.33 0.00	79.16 3.49 0.00	84.97 3.70 0.00	80.25 3.24 0.00	83.63 3.25 0.00	151.30 5.37 0.00	111.58 3.25 0.00	139.00 2.89 0.00	65.42 1.44 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	36.68 1.32 0.00	37.69 1.22 0.00	42.36 1.41 0.00	38.48 1.27 0.00	42.43 1.31 0.00	45.75 1.62 0.00	68.93 2.36 0.00	144.78 5.12 0.00	170.55 5.89 0.00	193.03 7.34 0.00	55.99 2.54 -0.03	65.28 3.10 -0.10	56.79 2.82 0.00	51.76 2.69 0.00	54.16 2.93 0.00	75.78 3.93 0.00	79.79 4.12 0.00	85.62 4.34 0.00	80.83 3.83 0.00	84.19 3.81 0.00	152.19 6.26 0.00	112.16 3.83 0.00	139.41 3.30 0.00	65.68 1.69 0.00
W50THST__13_KV_LOAD 356117	36.85 1.48 0.00	37.86 1.38 0.00	42.54 1.59 0.00	38.65 1.45 0.00	42.62 1.50 0.00	45.97 1.83 0.00	69.30 2.72 0.00	145.61 5.96 0.00	171.63 6.97 0.00	194.26 8.56 0.00	56.35 2.90 -0.03	65.69 3.51 -0.10	57.16 3.18 0.00	52.10 3.03 0.00	54.52 3.29 0.00	76.27 4.42 0.00	80.31 4.65 0.00	86.15 4.88 0.00	81.31 4.31 0.00	84.68 4.30 0.00	153.05 7.12 0.00	112.77 4.44 0.00	140.12 4.00 0.00	65.99 2.01 0.00
WADING RIVER_IC_1 23522	37.14 1.78 0.00	37.98 1.50 0.00	42.63 1.69 0.00	38.71 1.51 0.00	42.77 1.65 0.00	46.29 2.16 0.00	68.94 2.37 0.00	144.04 4.39 0.00	168.82 4.16 0.00	192.25 6.56 0.00	56.79 3.34 -0.02	66.39 4.22 -0.08	57.28 3.31 0.00	52.20 3.13 0.00	54.78 3.54 0.00	76.25 4.40 0.00	80.64 4.97 0.00	85.74 4.47 0.00	80.62 3.62 0.00	83.22 2.85 0.00	152.57 6.65 0.00	114.77 6.44 0.00	139.89 3.78 0.00	65.38 1.40 0.00
WADING RIVER_IC_2 23547	37.14 1.78 0.00	37.98 1.50 0.00	42.63 1.69 0.00	38.71 1.51 0.00	42.77 1.65 0.00	46.29 2.16 0.00	68.94 2.37 0.00	144.04 4.39 0.00	168.82 4.16 0.00	192.25 6.56 0.00	56.79 3.34 -0.02	66.39 4.22 -0.08	57.28 3.31 0.00	52.20 3.13 0.00	54.78 3.54 0.00	76.25 4.40 0.00	80.64 4.97 0.00	85.74 4.47 0.00	80.62 3.62 0.00	83.22 2.85 0.00	152.57 6.65 0.00	114.77 6.44 0.00	139.89 3.78 0.00	65.38 1.40 0.00
WADING RIVER_IC_3 23601	37.14 1.78 0.00	37.98 1.50 0.00	42.63 1.69 0.00	38.71 1.51 0.00	42.77 1.65 0.00	46.29 2.16 0.00	68.94 2.37 0.00	144.04 4.39 0.00	168.82 4.16 0.00	192.25 6.56 0.00	56.79 3.34 -0.02	66.39 4.22 -0.08	57.28 3.31 0.00	52.20 3.13 0.00	54.78 3.54 0.00	76.25 4.40 0.00	80.64 4.97 0.00	85.74 4.47 0.00	80.62 3.62 0.00	83.22 2.85 0.00	152.57 6.65 0.00	114.77 6.44 0.00	139.89 3.78 0.00	65.38 1.40 0.00
WALDENNY_12_KV_BK2 80841	30.28 -2.47 2.60	33.60 -2.50 0.37	38.16 -2.79 0.00	35.11 -2.09 0.00	39.05 -2.08 0.00	41.56 -2.57 0.00	50.40 -4.14 12.03	114.01 -8.21 17.43	154.10 -10.00 0.56	169.52 -11.22 4.96	35.09 -3.70 14.64	41.79 -4.42 15.88	35.43 -4.40 14.14	31.00 -4.12 13.95	29.77 -4.34 17.12	44.33 -6.62 20.91	39.87 -6.71 29.08	34.13 -6.83 40.31	39.04 -5.90 32.07	46.99 -5.64 27.76	126.59 -9.79 9.55	101.92 -6.41 0.00	129.26 -6.86 0.00	60.23 -3.75 0.00
WALDEN__HYDRO 24148	36.29 0.93 0.00	37.34 0.87 0.00	42.06 1.11 0.00	38.20 1.00 0.00	42.15 1.03 0.00	45.39 1.26 0.00	68.55 1.97 0.00	143.91 4.26 0.00	169.56 4.90 0.00	191.80 6.10 0.00	55.47 2.04 0.00	64.53 2.45 0.00	56.23 2.26 0.00	51.18 2.11 0.00	53.56 2.33 0.00	74.94 3.09 0.00	78.92 3.26 0.00	84.82 3.54 0.00	80.16 3.15 0.00	83.56 3.18 0.00	151.25 5.32 0.00	111.56 3.23 0.00	139.09 2.97 0.00	65.41 1.43 0.00
WARRENSBURG____ 23737	36.89 1.52 0.00	37.96 1.48 0.00	42.58 1.63 0.00	38.59 1.39 0.00	42.83 1.71 0.00	46.00 1.87 0.00	69.48 2.91 0.00	145.40 5.75 0.00	171.53 6.87 0.00	193.23 7.54 0.00	55.66 2.23 0.00	64.89 2.80 0.00	56.74 2.76 0.00	51.59 2.52 0.00	53.74 2.51 0.00	75.81 3.95 0.00	79.97 4.30 0.00	86.20 4.92 0.00	81.65 4.64 0.00	84.76 4.39 0.00	153.49 7.56 0.00	112.90 4.58 0.00	141.10 4.99 0.00	65.76 1.78 0.00
WATERSIDE__6 8 9 23538	36.77 1.40 0.00	37.76 1.29 0.00	42.44 1.49 0.00	38.55 1.35 0.00	42.50 1.37 0.00	45.85 1.71 0.00	69.05 2.48 0.00	145.07 5.42 0.00	170.84 6.18 0.00	193.23 7.54 0.00	56.28 2.64 -0.22	66.05 3.15 -0.81	56.86 2.89 0.00	51.84 2.76 0.00	54.22 2.99 0.00	75.86 4.00 0.00	79.84 4.17 0.00	85.63 4.36 0.00	80.83 3.83 0.00	84.21 3.83 0.00	152.20 6.27 0.00	112.16 3.83 0.00	139.37 3.25 0.00	65.78 1.80 0.00

WATKINRD_115KV_LN8_ILLLION 55919	35.42 0.06 0.00	36.42 -0.05 0.00	40.81 -0.14 0.00	37.06 -0.14 0.00	41.02 -0.10 0.00	44.01 -0.12 0.00	66.51 -0.06 0.00	139.41 -0.24 0.00	164.40 -0.26 0.00	185.40 -0.29 0.00	53.34 -0.09 0.00	62.14 0.05 0.00	54.13 0.15 0.00	49.19 0.12 0.00	51.32 0.09 0.00	72.27 0.41 0.00	76.29 0.63 0.00	81.93 0.65 0.00	77.59 0.58 0.00	80.86 0.48 0.00	146.76 0.83 0.00	108.58 0.25 0.00	136.15 0.03 0.00	72.62 -0.05 -8.69
WDELAWARE___HYD 323627	36.40 1.03 0.00	37.48 1.01 0.00	42.24 1.29 0.00	38.36 1.16 0.00	42.35 1.23 0.00	45.65 1.52 0.00	69.00 2.42 0.00	144.99 5.34 0.00	170.83 6.17 0.00	193.18 7.49 0.00	55.81 2.38 0.00	64.96 2.87 0.00	56.57 2.59 0.00	51.41 2.34 0.00	53.90 2.67 0.00	75.36 3.51 0.00	79.34 3.67 0.00	85.43 4.15 0.00	80.81 3.81 0.00	84.27 3.89 0.00	152.58 6.65 0.00	112.49 4.16 0.00	140.29 4.18 0.00	65.97 1.99 0.00
WEST BABYLON___IC 23714	37.23 1.87 0.00	38.10 1.63 0.00	42.77 1.82 0.00	38.83 1.63 0.00	42.87 1.74 0.00	46.35 2.22 0.00	69.38 2.80 0.00	145.67 6.02 0.00	171.39 6.74 0.00	194.65 8.96 0.00	56.87 3.42 -0.02	66.24 4.08 -0.08	57.36 3.39 0.00	52.37 3.29 0.00	54.95 3.72 0.00	76.34 4.49 0.00	80.66 4.99 0.00	86.51 5.23 0.00	81.46 4.45 0.00	84.69 4.31 0.00	154.30 8.37 0.00	114.26 5.93 0.00	140.85 4.73 0.00	66.30 2.32 0.00
WEST CANADA___HYD 24049	35.36 0.00 0.00	36.47 0.00 0.00	40.95 0.00 0.00	37.20 0.00 0.00	41.12 0.00 0.00	44.08 -0.05 0.00	66.51 -0.06 0.00	139.50 -0.15 0.00	164.49 -0.17 0.00	185.52 -0.17 0.00	53.45 0.02 0.00	62.14 0.06 0.00	54.05 0.07 0.00	49.14 0.07 0.00	51.26 0.03 0.00	71.93 0.08 0.00	75.82 0.15 0.00	81.40 0.12 0.00	77.11 0.10 0.00	80.46 0.08 0.00	146.07 0.14 0.00	108.31 -0.02 0.00	136.03 -0.09 0.00	72.65 -0.02 -8.69
WESTERN_NY_WIND 24143	32.26 -1.62 1.49	34.60 -1.66 0.21	39.09 -1.86 0.00	35.87 -1.33 0.00	39.90 -1.22 0.00	42.61 -1.52 0.00	57.58 -2.20 6.79	126.01 -3.81 9.84	159.35 -5.00 0.31	177.14 -5.84 2.72	43.04 -2.15 8.24	50.41 -2.71 8.97	42.87 -3.12 7.99	38.27 -2.92 7.88	38.54 -3.02 9.67	55.17 -4.87 11.81	52.14 -5.23 18.30	48.65 -5.33 27.30	52.47 -3.90 20.63	60.09 -3.42 16.87	134.41 -6.13 5.39	104.28 -4.05 0.00	131.67 -4.45 0.00	61.27 -2.71 0.00
WESTOVER___LESR 323668	34.85 -0.51 0.00	35.97 -0.50 0.00	40.30 -0.65 0.00	36.64 -0.56 0.00	40.54 -0.58 0.00	43.51 -0.62 0.00	65.90 -0.67 0.00	138.46 -1.19 0.00	163.04 -1.62 0.00	184.22 -1.47 0.00	52.83 -0.60 0.00	61.37 -0.72 0.00	53.22 -0.75 0.00	48.45 -0.63 0.00	50.76 -0.47 0.00	71.04 -0.81 5.07	69.75 -0.83 9.29	71.04 -0.94 6.19	70.03 -0.79 3.25	76.38 -0.75 0.00	145.16 -0.77 0.00	107.58 -0.75 0.00	135.36 -0.75 0.00	63.55 -0.44 0.00
WETHRSFD_WT_PWR 323626	23.13 -3.62 8.61	31.59 -3.67 1.22	33.65 -4.13 3.17	28.28 -3.40 5.52	29.87 -3.50 7.75	34.40 -4.02 5.71	20.85 -6.07 39.66	68.94 -12.30 58.41	145.62 -15.01 4.04	154.87 -16.80 14.02	-1.95 -5.03 50.34	3.05 -6.07 52.97	-3.02 -5.67 51.32	-5.77 -5.18 49.66	-12.72 -5.35 58.61	-9.93 -7.96 73.83	-14.89 -8.54 82.01	-17.13 -8.94 89.47	-17.73 -7.80 86.94	-16.98 -7.57 89.78	96.72 -12.40 36.81	92.47 -7.69 8.17	114.08 -7.92 14.11	50.21 -4.02 9.75
WHAVSTOR_138KV_BK127 55557	36.26 0.90 0.00	37.26 0.79 0.00	41.93 0.99 0.00	38.09 0.89 0.00	42.01 0.88 0.00	45.26 1.13 0.00	68.28 1.70 0.00	143.33 3.68 0.00	168.72 4.06 0.00	190.92 5.23 0.00	55.30 1.88 0.00	64.36 2.27 0.00	56.08 2.11 0.00	51.08 2.01 0.00	53.44 2.21 0.00	74.81 2.95 0.00	78.77 3.10 0.00	84.56 3.28 0.00	79.84 2.84 0.00	83.22 2.84 0.00	150.51 4.58 0.00	111.03 2.70 0.00	138.33 2.21 0.00	65.13 1.14 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	36.26 0.90 0.00	37.26 0.79 0.00	41.93 0.99 0.00	38.09 0.89 0.00	42.01 0.88 0.00	45.26 1.13 0.00	68.28 1.70 0.00	143.33 3.68 0.00	168.72 4.06 0.00	190.92 5.23 0.00	55.30 1.88 0.00	64.36 2.27 0.00	56.08 2.11 0.00	51.08 2.01 0.00	53.44 2.21 0.00	74.81 2.95 0.00	78.77 3.10 0.00	84.56 3.28 0.00	79.84 2.84 0.00	83.22 2.84 0.00	150.51 4.58 0.00	111.03 2.70 0.00	138.33 2.21 0.00	65.13 1.14 0.00
WHITEHAL_115KV_TB1 80871	37.25 1.89 0.00	38.13 1.66 0.00	42.69 1.74 0.00	38.46 1.26 0.00	42.96 1.84 0.00	46.26 2.13 0.00	69.48 2.91 0.00	145.43 5.77 0.00	171.86 7.20 0.00	193.65 7.96 0.00	55.83 2.40 0.00	65.50 3.41 0.00	57.49 3.52 0.00	52.40 3.32 0.00	54.34 3.11 0.00	76.79 4.94 0.00	81.13 5.46 0.00	88.09 6.81 0.00	83.21 6.21 0.00	85.54 5.16 0.00	154.58 8.65 0.00	113.46 5.13 0.00	143.11 6.99 0.00	66.66 2.68 0.00
WHITEPLN_13_KV_LOAD 356215	36.72 1.36 0.00	37.73 1.26 0.00	42.42 1.47 0.00	38.54 1.34 0.00	42.51 1.39 0.00	45.83 1.70 0.00	69.16 2.59 0.00	145.34 5.69 0.00	171.23 6.57 0.00	193.86 8.17 0.00	56.17 2.74 0.00	65.39 3.31 0.00	56.98 3.01 0.00	51.92 2.84 0.00	54.32 3.09 0.00	76.01 4.16 0.00	80.07 4.41 0.00	85.98 4.71 0.00	81.21 4.21 0.00	84.59 4.21 0.00	152.99 7.06 0.00	112.79 4.46 0.00	140.31 4.19 0.00	66.02 2.04 0.00
WM_FLOYD_69_KV_BK2 356380	37.13 1.77 0.00	37.96 1.49 0.00	42.62 1.67 0.00	38.70 1.50 0.00	42.75 1.63 0.00	46.25 2.12 0.00	69.02 2.45 0.00	144.47 4.82 0.00	169.56 4.90 0.00	192.94 7.25 0.00	56.85 3.40 -0.02	66.40 4.23 -0.08	57.35 3.38 0.00	52.33 3.26 0.00	54.88 3.65 0.00	76.44 4.58 0.00	80.82 5.16 0.00	86.19 4.92 0.00	81.14 4.13 0.00	84.00 3.62 0.00	153.54 7.61 0.00	114.75 6.42 0.00	140.46 4.34 0.00	65.83 1.84 0.00
WOODARD_115KV_TB2 355635	34.86 -0.50 0.00	35.90 -0.58 0.00	40.29 -0.66 0.00	36.63 -0.57 0.00	40.53 -0.60 0.00	43.52 -0.61 0.00	65.88 -0.70 0.00	138.52 -1.13 0.00	163.27 -1.39 0.00	184.22 -1.47 0.00	52.92 -0.51 0.00	61.46 -0.62 0.00	53.30 -0.68 0.00	48.44 -0.63 0.00	50.70 -0.54 0.00	71.05 -0.81 0.00	74.88 -0.79 0.00	80.52 -0.76 0.00	76.45 -0.56 0.00	79.84 -0.54 0.00	145.00 -0.93 0.00	107.48 -0.85 0.00	135.01 -1.11 0.00	71.03 -0.63 -7.68
WOODMERE_69_KV_BK1 55827	36.99 1.63 0.00	37.92 1.45 0.00	42.60 1.65 0.00	38.68 1.48 0.00	42.70 1.58 0.00	46.10 1.97 0.00	69.11 2.54 0.00	145.28 5.63 0.00	171.04 6.38 0.00	193.88 8.19 0.00	56.51 3.06 -0.02	65.80 3.63 -0.08	57.07 3.10 0.00	52.14 3.07 0.00	54.61 3.37 0.00	76.07 4.22 0.00	80.35 4.70 0.00	86.27 4.99 0.00	81.38 4.37 0.00	84.72 4.34 0.00	153.72 7.79 0.00	113.41 5.08 0.00	140.53 4.42 0.00	66.24 2.25 0.00
YORK___WARBASSE 23770	36.84 1.48 0.00	37.84 1.36 0.00	42.52 1.57 0.00	38.62 1.41 0.00	42.57 1.45 0.00	45.92 1.79 0.00	69.17 2.59 0.00	145.33 5.68 0.00	171.00 6.34 0.00	193.25 7.56 0.00	56.06 2.63 0.00	65.15 3.07 0.00	56.81 2.83 0.00	51.83 2.76 0.00	54.17 2.93 0.00	75.80 3.94 0.00	79.73 4.07 0.00	85.51 4.24 0.00	80.72 3.72 0.00	84.09 3.71 0.00	152.09 6.16 0.00	112.05 3.72 0.00	139.21 3.10 0.00	65.86 1.87 0.00