

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

02/06/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	73.33	61.54	63.21	91.55	125.50	95.46	95.49	131.51	205.32	197.73	207.33	230.65	284.34	160.46	118.09	53.92	59.96	61.22	74.73	118.38	116.70	81.80	71.34	77.45
24138	3.58	2.99	2.72	3.99	5.71	4.77	5.31	7.55	12.87	14.48	14.13	16.14	18.34	9.51	7.46	3.66	3.80	4.08	4.94	7.19	6.93	4.30	3.78	3.65
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.17	0.00	0.00	0.00	0.00	0.00	-3.34	0.00	0.00
74TH STREET_GT_1	73.31	61.53	63.21	91.53	125.49	95.44	95.41	131.27	204.79	197.31	207.03	230.39	284.04	160.35	118.07	53.92	59.96	61.21	74.71	118.41	116.68	81.75	71.29	77.45
24260	3.56	2.99	2.72	3.98	5.70	4.75	5.23	7.32	12.34	14.06	13.83	15.88	18.04	9.40	7.44	3.66	3.80	4.07	4.93	7.22	6.90	4.26	3.74	3.64
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.17	0.00	0.00	0.00	0.00	0.00	-3.34	0.00	0.00
74TH STREET_GT_2	73.31	61.53	63.21	91.53	125.49	95.44	95.41	131.27	204.79	197.31	207.03	230.39	284.04	160.35	118.07	53.92	59.96	61.21	74.71	118.41	116.68	81.75	71.29	77.45
24261	3.56	2.99	2.72	3.98	5.70	4.75	5.23	7.32	12.34	14.06	13.83	15.88	18.04	9.40	7.44	3.66	3.80	4.07	4.93	7.22	6.90	4.26	3.74	3.64
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.17	0.00	0.00	0.00	0.00	0.00	-3.34	0.00	0.00
ADK HUDSON___FALLS	75.09	62.98	64.95	94.12	129.03	98.04	97.61	133.22	207.49	199.43	209.95	232.74	286.88	162.27	119.31	54.26	60.41	61.81	75.37	119.83	118.00	115.93	73.32	79.63
24011	5.33	4.44	4.46	6.57	9.24	7.34	7.43	9.26	15.04	16.17	16.75	18.24	20.88	11.32	8.67	3.96	4.25	4.67	5.58	8.65	8.22	6.18	5.76	5.82
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.21	0.00	0.00	0.00	0.00	0.00	-35.59	0.00	0.00
ADK RESOURCE___RCVRY	75.68	63.39	65.36	94.77	129.94	98.94	98.51	134.16	208.99	201.23	211.73	234.52	288.32	162.89	119.88	54.46	60.60	62.13	75.72	120.46	118.67	116.49	73.66	79.84
23798	5.93	4.84	4.88	7.22	10.14	8.24	8.33	10.21	16.54	17.98	18.53	20.01	22.32	11.94	9.25	4.16	4.45	4.99	5.93	9.27	8.89	6.53	6.10	6.03
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.21	0.00	0.00	0.00	0.00	0.00	-35.79	0.00	0.00
ADK S GLENS___FALLS	75.09	62.98	64.95	94.12	129.03	98.04	97.61	133.22	207.49	199.43	209.95	232.74	286.88	162.27	119.31	54.26	60.41	61.81	75.37	119.83	118.00	115.93	73.32	79.63
24028	5.33	4.44	4.46	6.57	9.24	7.34	7.43	9.26	15.04	16.17	16.75	18.24	20.88	11.32	8.67	3.96	4.25	4.67	5.58	8.65	8.22	6.18	5.76	5.82
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.21	0.00	0.00	0.00	0.00	0.00	-35.59	0.00	0.00
ADK_NYS___DAM	74.45	62.74	64.63	93.57	127.76	96.70	95.88	130.74	203.32	195.34	206.00	229.22	283.93	160.79	118.43	54.05	60.18	61.28	74.80	119.03	117.28	104.40	72.22	78.58
23527	4.70	4.19	4.15	6.01	7.96	6.00	5.70	6.79	10.87	12.09	12.80	14.71	17.93	9.83	7.79	3.76	4.02	4.13	5.02	7.84	7.50	5.03	4.66	4.77
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.20	0.00	0.00	0.00	0.00	0.00	-25.20	0.00	0.00
AIR_PRODUCTS___DRP	72.06	60.66	62.51	90.51	123.85	93.47	92.45	126.33	196.46	188.37	198.39	220.48	272.72	154.58	113.60	51.76	57.63	58.57	71.57	113.98	112.38	92.64	69.28	76.02
24190	2.30	2.11	2.02	2.95	4.06	2.78	2.27	2.37	4.01	5.11	5.19	5.98	6.71	3.63	2.97	1.47	1.47	1.43	1.78	2.80	2.61	1.83	1.72	2.21
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.20	0.00	0.00	0.00	0.00	0.00	-16.64	0.00	0.00
AKWESSNE_115KV_BK	70.01	58.91	61.16	88.53	120.97	91.60	91.04	125.47	193.11	181.80	191.55	212.04	264.31	150.66	109.74	49.24	55.47	56.32	68.91	110.90	110.05	74.64	68.12	74.86
355683	0.25	0.36	0.67	0.98	1.17	0.90	0.87	1.52	0.66	-1.46	-1.65	-2.47	-1.69	-0.29	-0.89	-0.85	-0.69	-0.82	-0.88	-0.29	0.27	0.48	0.56	1.06
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	75.19	63.27	65.25	94.46	129.24	97.54	96.54	131.91	204.95	196.23	206.55	229.33	283.75	160.59	118.00	53.75	59.94	61.07	74.57	118.54	116.80	92.10	71.90	78.90
323833	5.44	4.72	4.77	6.90	9.45	6.84	6.36	7.96	12.50	12.97	13.35	14.82	17.75	9.64	7.37	3.46	3.78	3.93	4.78	7.35	7.02	4.72	4.34	5.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.20	0.00	0.00	0.00	0.00	0.00	-13.21	0.00	0.00
ALBANY_2_SOLAR	75.17	63.26	65.24	94.45	129.24	97.53	96.54	131.90	204.89	196.15	206.47	229.33	283.75	160.59	117.98	53.75	59.92	61.06	74.56	118.52	116.77	92.08	71.90	78.90
323834	5.42	4.72	4.76	6.89	9.44	6.83	6.36	7.95	12.44	12.89	13.27	14.82	17.75	9.64	7.35	3.46	3.76	3.92	4.77	7.33	7.00	4.70	4.34	5.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.20	0.00	0.00	0.00	0.00	0.00	-13.21	0.00	0.00
ALBANY___1	72.06	60.66	62.51	90.51	123.85	93.47	92.45	126.33	196.46	188.37	198.39	220.48	272.72	154.58	113.60	51.76	57.63	58.57	71.57	113.98	112.38	92.64	69.28	76.02
23571	2.30	2.11	2.02	2.95	4.06	2.78	2.27	2.37	4.01	5.11	5.19	5.98	6.71	3.63	2.97	1.47	1.47	1.43	1.78	2.80	2.61	1.83	1.72	2.21
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.20	0.00	0.00	0.00	0.00	0.00	-16.64	0.00	0.00

ALBANY___2 23572	72.06 2.30 0.00	60.66 2.11 0.00	62.51 2.02 0.00	90.51 2.95 0.00	123.85 4.06 0.00	93.47 2.78 0.00	92.45 2.27 0.00	126.33 2.37 0.00	196.46 4.01 0.00	188.37 5.11 0.00	198.39 5.19 0.00	220.48 5.98 0.00	272.72 6.71 0.00	154.58 3.63 0.00	113.60 2.97 0.00	51.76 1.47 -0.20	57.63 1.47 0.00	58.57 1.43 0.00	71.57 1.78 0.00	113.98 2.80 0.00	112.38 2.61 0.00	92.64 1.83 -16.64	69.28 1.72 0.00	76.02 2.21 0.00
ALBANY___3 23573	72.06 2.30 0.00	60.66 2.11 0.00	62.51 2.02 0.00	90.51 2.95 0.00	123.85 4.06 0.00	93.47 2.78 0.00	92.45 2.27 0.00	126.33 2.37 0.00	196.46 4.01 0.00	188.37 5.11 0.00	198.39 5.19 0.00	220.48 5.98 0.00	272.72 6.71 0.00	154.58 3.63 0.00	113.60 2.97 0.00	51.76 1.47 -0.20	57.63 1.47 0.00	58.57 1.43 0.00	71.57 1.78 0.00	113.98 2.80 0.00	112.38 2.61 0.00	92.64 1.83 -16.64	69.28 1.72 0.00	76.02 2.21 0.00
ALBANY___4 23574	72.06 2.30 0.00	60.66 2.11 0.00	62.51 2.02 0.00	90.51 2.95 0.00	123.85 4.06 0.00	93.47 2.78 0.00	92.45 2.27 0.00	126.33 2.37 0.00	196.46 4.01 0.00	188.37 5.11 0.00	198.39 5.19 0.00	220.48 5.98 0.00	272.72 6.71 0.00	154.58 3.63 0.00	113.60 2.97 0.00	51.76 1.47 -0.20	57.63 1.47 0.00	58.57 1.43 0.00	71.57 1.78 0.00	113.98 2.80 0.00	112.38 2.61 0.00	92.64 1.83 -16.64	69.28 1.72 0.00	76.02 2.21 0.00
ALBANY___LFGE 323615	72.63 2.88 0.00	61.13 2.58 0.00	62.99 2.51 0.00	91.21 3.66 0.00	124.81 5.02 0.00	94.24 3.55 0.00	93.36 3.18 0.00	127.57 3.62 0.00	198.56 6.11 0.00	190.39 7.14 0.00	200.57 7.37 0.00	222.98 8.47 0.00	275.66 9.65 0.00	156.28 5.33 0.00	114.87 4.24 0.00	52.35 2.05 -0.20	58.29 2.13 0.00	59.26 2.12 0.00	72.40 2.61 0.00	115.22 4.04 0.00	113.62 3.84 0.00	99.45 2.59 -22.70	69.93 2.37 0.00	76.60 2.79 0.00
ALCOA_PA_115KV_PL-6C 55860	70.82 1.07 0.00	59.31 0.77 0.00	61.53 1.04 0.00	89.03 1.47 0.00	121.57 1.78 0.00	92.06 1.37 0.00	91.46 1.29 0.00	126.08 2.13 0.00	194.74 2.29 0.00	183.32 0.07 0.00	193.08 -0.11 0.00	213.82 -0.69 0.00	266.61 0.61 0.00	151.98 1.03 0.00	110.73 0.10 0.00	49.66 -0.43 0.00	55.87 -0.29 0.00	56.71 -0.43 0.00	69.24 -0.55 0.00	111.28 0.10 0.00	110.39 0.61 0.00	74.88 0.72 0.00	68.39 0.83 0.00	75.21 1.40 0.00
ALCOA_RYNLDS___DRP 24188	70.82 1.07 0.00	59.31 0.77 0.00	61.53 1.04 0.00	89.03 1.47 0.00	121.57 1.78 0.00	92.06 1.37 0.00	91.46 1.29 0.00	126.08 2.13 0.00	194.74 2.29 0.00	183.32 0.07 0.00	193.08 -0.11 0.00	213.82 -0.69 0.00	266.61 0.61 0.00	151.98 1.03 0.00	110.73 0.10 0.00	49.66 -0.43 0.00	55.87 -0.29 0.00	56.71 -0.43 0.00	69.24 -0.55 0.00	111.28 0.10 0.00	110.39 0.61 0.00	74.88 0.72 0.00	68.39 0.83 0.00	75.21 1.40 0.00
ALCOA___DSASP 323711	70.82 1.07 0.00	59.31 0.76 0.00	61.53 1.04 0.00	89.03 1.47 0.00	121.57 1.78 0.00	92.06 1.36 0.00	91.46 1.29 0.00	126.08 2.13 0.00	194.74 2.29 0.00	183.33 0.07 0.00	193.09 -0.11 0.00	213.83 -0.68 0.00	266.61 0.61 0.00	151.98 1.03 0.00	110.73 0.10 0.00	49.66 -0.43 0.00	55.88 -0.28 0.00	56.71 -0.42 0.00	69.24 -0.55 0.00	111.28 0.10 0.00	110.39 0.62 0.00	74.88 0.72 0.00	68.39 0.83 0.00	75.22 1.41 0.00
ALLEGHENY___COGEN 23514	67.08 -2.67 0.00	56.28 -2.26 0.00	57.86 -2.62 0.00	83.10 -4.45 0.00	113.52 -6.27 0.00	86.46 -4.24 0.00	86.16 -4.02 0.00	117.94 -6.01 0.00	184.45 -8.00 0.00	171.30 -7.96 3.99	184.08 -9.11 0.00	204.24 -10.27 0.00	252.27 -13.73 0.00	142.28 -8.67 0.00	103.69 -6.94 0.00	47.17 -2.90 0.02	52.71 -2.92 0.52	54.79 -2.36 -0.01	64.74 -2.97 2.08	142.54 -7.21 -38.56	115.94 -7.40 -13.56	52.55 -4.97 16.65	82.80 -4.76 -20.00	65.75 -5.42 2.64
ALTAMONT_115KV_TB 2 55880	72.11 2.36 0.00	60.67 2.12 0.00	62.51 2.03 0.00	90.51 2.96 0.00	123.86 4.06 0.00	93.64 2.95 0.00	92.97 2.79 0.00	127.32 3.37 0.00	198.01 5.56 0.00	189.73 6.47 0.00	199.79 6.59 0.00	222.06 7.55 0.00	274.60 8.60 0.00	155.65 4.70 0.00	114.43 3.80 0.00	52.16 1.87 -0.20	58.10 1.95 0.00	59.14 2.00 0.00	72.24 2.45 0.00	114.93 3.75 0.00	113.27 3.50 0.00	89.62 2.31 -13.15	69.64 2.08 0.00	76.04 2.23 0.00
ALTONA_WT_PWR 323606	71.83 2.08 0.00	60.22 1.67 0.00	62.22 1.73 0.00	90.08 2.53 0.00	122.94 3.15 0.00	92.94 2.24 0.00	92.35 2.18 0.00	126.15 2.20 0.00	194.40 1.95 0.00	183.64 0.39 0.00	191.30 -1.90 0.00	211.82 -2.69 0.00	264.90 -1.10 0.00	151.15 0.20 0.00	110.32 -0.31 0.00	49.13 -0.96 0.00	55.15 -1.00 0.00	55.87 -1.27 0.00	68.14 -1.65 0.00	109.21 -1.97 0.00	108.05 -1.73 0.00	73.24 -0.92 0.00	67.08 -0.48 0.00	74.04 0.23 0.00
AMERICAN_REF_FUEL 24010	63.56 -6.19 0.00	53.42 -5.13 0.00	55.14 -5.34 0.00	79.19 -8.36 0.00	108.18 -11.61 0.00	82.22 -8.48 0.00	80.58 -9.60 0.00	109.07 -14.88 0.00	171.55 -20.90 0.00	161.28 -19.61 2.36	170.96 -22.24 0.00	191.91 -22.60 0.00	237.79 -28.21 0.00	133.96 -16.99 0.00	97.40 -13.23 0.00	44.46 -5.63 0.00	49.35 -6.49 0.31	50.64 -6.49 0.00	55.62 -8.08 6.10	72.23 -16.17 22.78	66.49 -15.66 27.62	49.56 -9.98 14.62	52.73 -8.63 6.19	63.14 -9.11 1.56
ARKWRIGHT___SUMMIT_WT_PWR 323751	64.88 -4.87 0.00	54.27 -4.28 0.00	55.90 -4.59 0.00	81.92 -5.64 0.00	111.69 -8.11 0.00	84.69 -6.01 0.00	83.95 -6.23 0.00	114.56 -9.39 0.00	179.01 -13.44 0.00	166.93 -13.33 2.99	176.64 -16.56 0.00	198.28 -16.23 0.00	245.27 -20.73 0.00	137.68 -13.27 0.00	101.06 -9.57 0.00	45.54 -4.55 0.01	51.08 -4.69 0.39	52.87 -4.26 0.00	56.91 -5.36 7.51	73.63 -11.50 26.05	66.04 -11.13 32.60	48.01 -7.88 18.28	53.64 -7.40 6.51	63.62 -8.21 1.98
ARTHUR KILL_GT_1 23520	72.88 3.13 0.00	61.19 2.65 0.00	62.87 2.38 0.00	90.99 3.44 0.00	124.80 5.01 0.00	94.96 4.26 0.00	94.86 4.68 0.00	130.47 6.52 0.00	203.78 11.33 0.00	196.55 13.30 0.00	205.49 12.29 0.00	229.25 14.74 0.00	282.31 16.31 0.00	159.79 8.83 0.00	117.80 7.17 0.00	55.86 3.63 -2.13	58.28 3.58 1.46	56.33 3.76 4.58	67.25 4.77 7.30	107.70 6.68 10.16	112.38 6.23 3.64	81.22 3.72 -3.34	70.84 3.28 0.00	77.03 3.22 0.00
ARTHUR_KILL_2 23512	72.70 2.95 0.00	61.01 2.47 0.00	62.69 2.20 0.00	90.73 3.17 0.00	124.45 4.65 0.00	94.67 3.97 0.00	94.57 4.40 0.00	130.08 6.12 0.00	203.14 10.69 0.00	195.91 12.65 0.00	204.85 11.65 0.00	228.54 14.03 0.00	281.40 15.39 0.00	159.32 8.37 0.00	117.46 6.83 0.00	55.70 3.47 -2.13	58.09 3.39 1.46	56.12 3.56 4.58	67.01 4.52 7.30	107.32 6.30 10.16	112.00 5.86 3.64	80.98 3.48 -3.34	70.64 3.09 0.00	76.82 3.01 0.00
ARTHUR_KILL_3 23513	70.46 2.64 1.92	60.30 2.25 0.50	62.11 1.94 0.32	83.64 2.80 6.72	108.64 4.09 15.24	79.83 3.51 14.37	72.00 3.96 22.13	123.62 5.52 5.86	157.79 9.42 44.08	168.87 11.28 25.66	178.72 10.86 25.33	194.39 12.55 32.67	214.75 13.92 65.18	138.03 7.05 19.97	103.20 5.75 13.18	55.17 2.94 -2.14	58.01 2.97 1.11	58.50 3.24 1.88	70.44 3.93 3.28	97.09 5.70 19.79	110.61 5.47 4.64	74.82 3.30 2.65	60.93 2.88 9.51	60.88 2.69 15.61

ARTHUR_KILL_COGEN 323718	72.88 3.13 0.00	61.19 2.65 0.00	62.87 2.38 0.00	90.99 3.44 0.00	124.80 5.01 0.00	94.96 4.26 0.00	94.86 4.68 0.00	130.47 6.52 0.00	203.78 11.33 0.00	196.55 13.30 0.00	205.49 12.29 0.00	229.25 14.74 0.00	282.31 16.31 0.00	159.79 8.83 0.00	117.80 7.17 0.00	55.86 3.63 -2.13	58.28 3.58 1.46	56.33 3.76 4.58	67.25 4.77 7.30	107.70 6.68 10.16	112.38 6.23 3.64	81.22 3.72 -3.34	70.84 3.28 0.00	77.03 3.22 0.00
ASHOKAN____ 23654	75.55 5.80 0.00	63.58 5.03 0.00	65.41 4.92 0.00	94.70 7.14 0.00	129.68 9.88 0.00	98.12 7.43 0.00	97.64 7.46 0.00	133.91 9.95 0.00	208.81 16.36 0.00	200.75 17.50 0.00	211.36 18.16 0.00	234.94 20.43 0.00	290.39 24.39 0.00	163.77 12.82 0.00	120.36 9.73 0.00	54.86 4.58 -0.19	61.14 4.98 0.00	62.38 5.24 0.00	76.14 6.35 0.00	120.80 9.62 0.00	118.85 9.07 0.00	89.42 5.62 -9.64	72.61 5.05 0.00	79.15 5.35 0.00
ASTORIA_EAST_ENERGY_CC1 323581	72.76 3.01 0.00	61.14 2.59 0.00	62.82 2.33 0.00	90.93 3.38 0.00	124.62 4.83 0.00	94.84 4.15 0.00	94.84 4.66 0.00	130.44 6.49 0.00	203.48 11.03 0.00	195.90 12.64 0.00	205.31 12.11 0.00	228.69 14.18 0.00	281.63 15.63 0.00	159.22 8.26 0.00	117.27 6.64 0.00	53.58 3.32 -0.17	59.55 3.39 0.00	60.75 3.62 0.00	74.17 4.38 0.00	117.75 6.56 0.00	116.14 6.36 0.00	81.43 3.93 -3.34	70.98 3.42 0.00	77.18 3.37 0.00
ASTORIA_EAST_ENERGY_CC2 323582	72.69 2.94 0.00	61.08 2.53 0.00	62.75 2.26 0.00	90.85 3.29 0.00	124.46 4.67 0.00	94.73 4.03 0.00	94.73 4.56 0.00	130.26 6.31 0.00	203.18 10.73 0.00	195.62 12.37 0.00	205.03 11.83 0.00	228.33 13.82 0.00	281.26 15.25 0.00	158.98 8.02 0.00	117.07 6.44 0.00	53.50 3.24 -0.17	59.46 3.30 0.00	60.66 3.52 0.00	74.06 4.27 0.00	117.56 6.38 0.00	116.03 6.25 0.00	81.44 3.94 -3.34	70.99 3.43 0.00	77.19 3.38 0.00
ASTORIA_GT2_1 24094	72.81 3.05 0.00	61.19 2.64 0.00	62.84 2.36 0.00	90.96 3.40 0.00	124.66 4.87 0.00	94.89 4.20 0.00	94.92 4.74 0.00	130.51 6.56 0.00	203.57 11.12 0.00	196.02 12.76 0.00	205.45 12.25 0.00	228.81 14.30 0.00	281.86 15.86 0.00	159.31 8.36 0.00	117.33 6.69 0.00	53.60 3.35 -0.17	59.58 3.42 0.00	60.79 3.65 0.00	74.21 4.42 0.00	117.80 6.61 0.00	116.19 6.41 0.00	81.47 3.97 -3.34	71.03 3.47 0.00	77.22 3.41 0.00
ASTORIA_GT2_2 24095	72.81 3.05 0.00	61.19 2.64 0.00	62.84 2.36 0.00	90.96 3.40 0.00	124.66 4.87 0.00	94.89 4.20 0.00	94.92 4.74 0.00	130.51 6.56 0.00	203.57 11.12 0.00	196.02 12.76 0.00	205.45 12.25 0.00	228.81 14.30 0.00	281.86 15.86 0.00	159.31 8.36 0.00	117.33 6.69 0.00	53.60 3.35 -0.17	59.58 3.42 0.00	60.79 3.65 0.00	74.21 4.42 0.00	117.80 6.61 0.00	116.19 6.41 0.00	81.47 3.97 -3.34	71.03 3.47 0.00	77.22 3.41 0.00
ASTORIA_GT2_3 24096	72.81 3.05 0.00	61.19 2.64 0.00	62.84 2.36 0.00	90.96 3.40 0.00	124.66 4.87 0.00	94.89 4.20 0.00	94.92 4.74 0.00	130.51 6.56 0.00	203.57 11.12 0.00	196.02 12.76 0.00	205.45 12.25 0.00	228.81 14.30 0.00	281.86 15.86 0.00	159.31 8.36 0.00	117.33 6.69 0.00	53.60 3.35 -0.17	59.58 3.42 0.00	60.79 3.65 0.00	74.21 4.42 0.00	117.80 6.61 0.00	116.19 6.41 0.00	81.47 3.97 -3.34	71.03 3.47 0.00	77.22 3.41 0.00
ASTORIA_GT2_4 24097	72.81 3.05 0.00	61.19 2.64 0.00	62.84 2.36 0.00	90.96 3.40 0.00	124.66 4.87 0.00	94.89 4.20 0.00	94.92 4.74 0.00	130.51 6.56 0.00	203.57 11.12 0.00	196.02 12.76 0.00	205.45 12.25 0.00	228.81 14.30 0.00	281.86 15.86 0.00	159.31 8.36 0.00	117.33 6.69 0.00	53.60 3.35 -0.17	59.58 3.42 0.00	60.79 3.65 0.00	74.21 4.42 0.00	117.80 6.61 0.00	116.19 6.41 0.00	81.47 3.97 -3.34	71.03 3.47 0.00	77.22 3.41 0.00
ASTORIA_GT3_1 24098	72.71 2.96 0.00	61.11 2.57 0.00	62.78 2.29 0.00	90.87 3.31 0.00	124.53 4.74 0.00	94.77 4.08 0.00	94.77 4.59 0.00	130.33 6.38 0.00	203.29 10.84 0.00	195.71 12.46 0.00	205.11 11.91 0.00	228.51 14.00 0.00	281.37 15.37 0.00	159.07 8.12 0.00	117.16 6.53 0.00	53.53 3.27 -0.17	59.49 3.34 0.00	60.70 3.56 0.00	74.10 4.31 0.00	117.62 6.44 0.00	116.08 6.31 0.00	81.47 3.97 -3.34	71.03 3.47 0.00	77.22 3.41 0.00
ASTORIA_GT3_2 24099	72.71 2.96 0.00	61.11 2.57 0.00	62.78 2.29 0.00	90.87 3.31 0.00	124.53 4.74 0.00	94.77 4.08 0.00	94.77 4.59 0.00	130.33 6.38 0.00	203.29 10.84 0.00	195.71 12.46 0.00	205.11 11.91 0.00	228.51 14.00 0.00	281.37 15.37 0.00	159.07 8.12 0.00	117.16 6.53 0.00	53.53 3.27 -0.17	59.49 3.34 0.00	60.70 3.56 0.00	74.10 4.31 0.00	117.62 6.44 0.00	116.08 6.31 0.00	81.47 3.97 -3.34	71.03 3.47 0.00	77.22 3.41 0.00
ASTORIA_GT3_3 24100	72.71 2.96 0.00	61.11 2.57 0.00	62.78 2.29 0.00	90.87 3.31 0.00	124.53 4.74 0.00	94.77 4.08 0.00	94.77 4.59 0.00	130.33 6.38 0.00	203.29 10.84 0.00	195.71 12.46 0.00	205.11 11.91 0.00	228.51 14.00 0.00	281.37 15.37 0.00	159.07 8.12 0.00	117.16 6.53 0.00	53.53 3.27 -0.17	59.49 3.34 0.00	60.70 3.56 0.00	74.10 4.31 0.00	117.62 6.44 0.00	116.08 6.31 0.00	81.47 3.97 -3.34	71.03 3.47 0.00	77.22 3.41 0.00
ASTORIA_GT3_4 24101	72.71 2.96 0.00	61.11 2.57 0.00	62.78 2.29 0.00	90.87 3.31 0.00	124.53 4.74 0.00	94.77 4.08 0.00	94.77 4.59 0.00	130.33 6.38 0.00	203.29 10.84 0.00	195.71 12.46 0.00	205.11 11.91 0.00	228.51 14.00 0.00	281.37 15.37 0.00	159.07 8.12 0.00	117.16 6.53 0.00	53.53 3.27 -0.17	59.49 3.34 0.00	60.70 3.56 0.00	74.10 4.31 0.00	117.62 6.44 0.00	116.08 6.31 0.00	81.47 3.97 -3.34	71.03 3.47 0.00	77.22 3.41 0.00
ASTORIA_GT4_1 24102	72.71 2.96 0.00	61.11 2.57 0.00	62.78 2.29 0.00	90.87 3.31 0.00	124.53 4.74 0.00	94.77 4.08 0.00	94.77 4.59 0.00	130.33 6.38 0.00	203.29 10.84 0.00	195.71 12.46 0.00	205.11 11.91 0.00	228.51 14.00 0.00	281.37 15.37 0.00	159.07 8.12 0.00	117.16 6.53 0.00	53.53 3.27 -0.17	59.49 3.34 0.00	60.70 3.56 0.00	74.10 4.31 0.00	117.62 6.44 0.00	116.08 6.31 0.00	81.47 3.97 -3.34	71.03 3.47 0.00	77.22 3.41 0.00
ASTORIA_GT4_2 24103	72.71 2.96 0.00	61.11 2.57 0.00	62.78 2.29 0.00	90.87 3.31 0.00	124.53 4.74 0.00	94.77 4.08 0.00	94.77 4.59 0.00	130.33 6.38 0.00	203.29 10.84 0.00	195.71 12.46 0.00	205.11 11.91 0.00	228.51 14.00 0.00	281.37 15.37 0.00	159.07 8.12 0.00	117.16 6.53 0.00	53.53 3.27 -0.17	59.49 3.34 0.00	60.70 3.56 0.00	74.10 4.31 0.00	117.62 6.44 0.00	116.08 6.31 0.00	81.47 3.97 -3.34	71.03 3.47 0.00	77.22 3.41 0.00
ASTORIA_GT4_3 24104	72.71 2.96 0.00	61.11 2.57 0.00	62.78 2.29 0.00	90.87 3.31 0.00	124.53 4.74 0.00	94.77 4.08 0.00	94.77 4.59 0.00	130.33 6.38 0.00	203.29 10.84 0.00	195.71 12.46 0.00	205.11 11.91 0.00	228.51 14.00 0.00	281.37 15.37 0.00	159.07 8.12 0.00	117.16 6.53 0.00	53.53 3.27 -0.17	59.49 3.34 0.00	60.70 3.56 0.00	74.10 4.31 0.00	117.62 6.44 0.00	116.08 6.31 0.00	81.47 3.97 -3.34	71.03 3.47 0.00	77.22 3.41 0.00

ASTORIA_GT4_4 24105	72.71 2.96 0.00	61.11 2.57 0.00	62.78 2.29 0.00	90.87 3.31 0.00	124.53 4.74 0.00	94.77 4.08 0.00	94.77 4.59 0.00	130.33 6.38 0.00	203.29 10.84 0.00	195.71 12.46 0.00	205.11 11.91 0.00	228.51 14.00 0.00	281.37 15.37 0.00	159.07 8.12 0.00	117.16 6.53 0.00	53.53 3.27 -0.17	59.49 3.34 0.00	60.70 3.56 0.00	74.10 4.31 0.00	117.62 6.44 0.00	116.08 6.31 0.00	81.47 3.97 -3.34	71.03 3.47 0.00	77.22 3.41 0.00
ASTORIA_GT_1 23523	72.89 3.14 0.00	61.26 2.71 0.00	62.92 2.43 0.00	91.09 3.53 0.00	124.83 5.03 0.00	95.01 4.32 0.00	95.01 4.83 0.00	130.70 6.75 0.00	203.89 11.44 0.00	196.34 13.09 0.00	205.73 12.53 0.00	229.19 14.68 0.00	282.29 16.28 0.00	159.54 8.59 0.00	117.49 6.86 0.00	53.68 3.43 -0.17	59.66 3.51 0.00	60.88 3.74 0.00	74.32 4.53 0.00	117.98 6.79 0.00	116.36 6.58 0.00	81.64 4.14 -3.34	71.14 3.59 0.00	77.36 3.55 0.00
ASTORIA_GT_10 24110	72.87 3.12 0.00	61.18 2.63 0.00	62.84 2.35 0.00	90.96 3.41 0.00	124.71 4.91 0.00	94.88 4.18 0.00	94.91 4.73 0.00	130.62 6.67 0.00	203.89 11.44 0.00	196.57 13.31 0.00	205.87 12.67 0.00	229.08 14.57 0.00	282.10 16.10 0.00	159.34 8.38 0.00	117.32 6.69 0.00	53.55 3.29 -0.17	59.52 3.37 0.00	60.78 3.64 0.00	74.22 4.43 0.00	117.63 6.45 0.00	115.98 6.20 0.00	81.33 3.83 -3.34	70.97 3.41 0.00	77.08 3.27 0.00
ASTORIA_GT_11 24225	72.87 3.12 0.00	61.18 2.63 0.00	62.84 2.35 0.00	90.96 3.41 0.00	124.71 4.91 0.00	94.88 4.18 0.00	94.91 4.73 0.00	130.62 6.67 0.00	203.89 11.44 0.00	196.57 13.31 0.00	205.87 12.67 0.00	229.08 14.57 0.00	282.10 16.10 0.00	159.34 8.38 0.00	117.32 6.69 0.00	53.55 3.29 -0.17	59.52 3.37 0.00	60.78 3.64 0.00	74.22 4.43 0.00	117.63 6.45 0.00	115.98 6.20 0.00	81.33 3.83 -3.34	70.97 3.41 0.00	77.08 3.27 0.00
ASTORIA_GT_12 24226	72.87 3.12 0.00	61.18 2.63 0.00	62.84 2.35 0.00	90.96 3.41 0.00	124.71 4.91 0.00	94.88 4.18 0.00	94.91 4.73 0.00	130.62 6.67 0.00	203.89 11.44 0.00	196.57 13.31 0.00	205.87 12.67 0.00	229.08 14.57 0.00	282.10 16.10 0.00	159.34 8.38 0.00	117.32 6.69 0.00	53.55 3.29 -0.17	59.52 3.37 0.00	60.78 3.64 0.00	74.22 4.43 0.00	117.63 6.45 0.00	115.98 6.20 0.00	81.33 3.83 -3.34	70.97 3.41 0.00	77.08 3.27 0.00
ASTORIA_GT_13 24227	72.87 3.12 0.00	61.18 2.63 0.00	62.84 2.35 0.00	90.96 3.41 0.00	124.71 4.91 0.00	94.88 4.18 0.00	94.91 4.73 0.00	130.62 6.67 0.00	203.89 11.44 0.00	196.57 13.31 0.00	205.87 12.67 0.00	229.08 14.57 0.00	282.10 16.10 0.00	159.34 8.38 0.00	117.32 6.69 0.00	53.55 3.29 -0.17	59.52 3.37 0.00	60.78 3.64 0.00	74.22 4.43 0.00	117.63 6.45 0.00	115.98 6.20 0.00	81.33 3.83 -3.34	70.97 3.41 0.00	77.08 3.27 0.00
ASTORIA_GT_5 24106	72.89 3.14 0.00	61.25 2.71 0.00	62.92 2.43 0.00	91.09 3.53 0.00	124.83 5.04 0.00	95.01 4.31 0.00	95.02 4.84 0.00	130.70 6.74 0.00	203.91 11.46 0.00	196.34 13.08 0.00	205.74 12.54 0.00	229.19 14.68 0.00	282.26 16.25 0.00	159.55 8.60 0.00	117.49 6.86 0.00	53.68 3.43 -0.17	59.66 3.51 0.00	60.89 3.75 0.00	74.32 4.53 0.00	117.98 6.80 0.00	116.35 6.58 0.00	81.63 4.13 -3.34	71.17 3.61 0.00	77.37 3.56 0.00
ASTORIA_GT_7 24107	72.89 3.14 0.00	61.25 2.71 0.00	62.92 2.43 0.00	91.09 3.53 0.00	124.83 5.04 0.00	95.01 4.31 0.00	95.02 4.84 0.00	130.70 6.74 0.00	203.91 11.46 0.00	196.34 13.08 0.00	205.74 12.54 0.00	229.19 14.68 0.00	282.26 16.25 0.00	159.55 8.60 0.00	117.49 6.86 0.00	53.68 3.43 -0.17	59.66 3.51 0.00	60.89 3.75 0.00	74.32 4.53 0.00	117.98 6.80 0.00	116.35 6.58 0.00	81.63 4.13 -3.34	71.17 3.61 0.00	77.37 3.56 0.00
ASTORIA_GT_8 24108	72.89 3.14 0.00	61.25 2.71 0.00	62.92 2.43 0.00	91.09 3.53 0.00	124.83 5.04 0.00	95.01 4.31 0.00	95.02 4.84 0.00	130.70 6.74 0.00	203.91 11.46 0.00	196.34 13.08 0.00	205.74 12.54 0.00	229.19 14.68 0.00	282.26 16.25 0.00	159.55 8.60 0.00	117.49 6.86 0.00	53.68 3.43 -0.17	59.66 3.51 0.00	60.89 3.75 0.00	74.32 4.53 0.00	117.98 6.80 0.00	116.35 6.58 0.00	81.63 4.13 -3.34	71.17 3.61 0.00	77.37 3.56 0.00
ASTORIA___2 24149	72.71 2.95 0.00	61.11 2.57 0.00	62.78 2.29 0.00	90.87 3.31 0.00	124.52 4.73 0.00	94.77 4.08 0.00	94.76 4.59 0.00	130.33 6.38 0.00	203.29 10.84 0.00	195.71 12.46 0.00	205.13 11.93 0.00	228.50 13.99 0.00	281.37 15.36 0.00	159.07 8.11 0.00	117.16 6.52 0.00	53.53 3.27 -0.17	59.50 3.34 0.00	60.70 3.56 0.00	74.10 4.31 0.00	117.63 6.45 0.00	116.08 6.30 0.00	81.47 3.97 -3.34	71.01 3.45 0.00	77.22 3.41 0.00
ASTORIA___3 23516	72.87 3.12 0.00	61.18 2.63 0.00	62.84 2.35 0.00	90.96 3.40 0.00	124.71 4.91 0.00	94.88 4.18 0.00	94.90 4.72 0.00	130.61 6.66 0.00	203.89 11.44 0.00	196.53 13.28 0.00	205.87 12.67 0.00	229.07 14.56 0.00	282.08 16.07 0.00	159.33 8.38 0.00	117.32 6.69 0.00	53.55 3.29 -0.17	59.52 3.36 0.00	60.78 3.64 0.00	74.21 4.42 0.00	117.64 6.46 0.00	115.98 6.20 0.00	81.34 3.84 -3.34	70.96 3.40 0.00	77.08 3.27 0.00
ASTORIA___4 23517	72.87 3.12 0.00	61.18 2.63 0.00	62.84 2.35 0.00	90.96 3.41 0.00	124.71 4.91 0.00	94.88 4.18 0.00	94.91 4.73 0.00	130.61 6.66 0.00	203.89 11.44 0.00	196.57 13.31 0.00	205.87 12.67 0.00	229.07 14.56 0.00	282.08 16.07 0.00	159.34 8.38 0.00	117.32 6.69 0.00	53.55 3.29 -0.17	59.52 3.36 0.00	60.78 3.64 0.00	74.22 4.43 0.00	117.63 6.45 0.00	115.97 6.19 0.00	81.33 3.83 -3.34	70.97 3.41 0.00	77.08 3.27 0.00
ASTORIA___5 23518	72.87 3.12 0.00	61.18 2.63 0.00	62.84 2.35 0.00	90.96 3.40 0.00	124.71 4.91 0.00	94.88 4.18 0.00	94.90 4.72 0.00	130.62 6.67 0.00	203.89 11.44 0.00	196.55 13.29 0.00	205.87 12.67 0.00	229.07 14.56 0.00	282.10 16.10 0.00	159.33 8.38 0.00	117.32 6.69 0.00	53.55 3.29 -0.17	59.52 3.37 0.00	60.78 3.64 0.00	74.21 4.43 0.00	117.64 6.46 0.00	115.98 6.20 0.00	81.34 3.84 -3.34	70.96 3.40 0.00	77.08 3.27 0.00
AST_ENERGY_2_CC3 323677	72.80 3.05 0.00	61.07 2.52 0.00	62.73 2.24 0.00	90.82 3.26 0.00	116.08 4.70 8.41	65.91 3.94 28.72	-155.41 4.41 250.00	67.67 6.21 62.50	203.04 10.59 0.00	195.63 12.37 0.00	205.21 12.01 0.00	227.11 13.79 1.19	222.88 15.23 58.36	158.55 7.60 0.00	116.80 6.17 0.00	53.33 3.07 -0.17	59.29 3.13 0.00	60.53 3.39 0.00	73.90 4.11 0.00	117.14 5.96 0.00	115.44 5.66 0.00	80.93 3.44 -3.34	70.55 3.00 0.00	76.68 2.88 0.00
AST_ENERGY_2_CC4 323678	72.80 3.05 0.00	61.07 2.52 0.00	62.73 2.24 0.00	90.82 3.26 0.00	116.08 4.70 8.41	65.91 3.94 28.72	-155.41 4.41 250.00	67.67 6.21 62.50	203.04 10.59 0.00	195.63 12.37 0.00	205.21 12.01 0.00	227.11 13.79 1.19	222.88 15.23 58.36	158.55 7.60 0.00	116.80 6.17 0.00	53.33 3.07 -0.17	59.29 3.13 0.00	60.53 3.39 0.00	73.90 4.11 0.00	117.14 5.96 0.00	115.44 5.66 0.00	80.93 3.44 -3.34	70.55 3.00 0.00	76.68 2.88 0.00

ATHENS_STG_1 23668	72.12 2.37 0.00	60.67 2.12 0.00	62.45 1.97 0.00	90.43 2.87 0.00	123.83 4.03 0.00	93.65 2.95 0.00	93.21 3.04 0.00	127.74 3.79 0.00	198.76 6.31 0.00	190.77 7.52 0.00	200.68 7.48 0.00	223.17 8.66 0.00	275.70 9.70 0.00	156.15 5.20 0.00	114.94 4.31 0.00	52.43 2.15 -0.18	58.37 2.21 0.00	59.48 2.34 0.00	72.64 2.85 0.00	115.43 4.25 0.00	113.83 4.05 0.00	79.23 2.54 -2.53	69.81 2.25 0.00	76.05 2.24 0.00
ATHENS_STG_2 23670	72.12 2.37 0.00	60.67 2.12 0.00	62.45 1.97 0.00	90.43 2.87 0.00	123.83 4.03 0.00	93.65 2.95 0.00	93.21 3.04 0.00	127.74 3.79 0.00	198.76 6.31 0.00	190.77 7.52 0.00	200.68 7.48 0.00	223.17 8.66 0.00	275.70 9.70 0.00	156.15 5.20 0.00	114.94 4.31 0.00	52.43 2.15 -0.18	58.37 2.21 0.00	59.48 2.34 0.00	72.64 2.85 0.00	115.43 4.25 0.00	113.83 4.05 0.00	79.23 2.54 -2.53	69.81 2.25 0.00	76.05 2.24 0.00
ATHENS_STG_3 23677	72.12 2.37 0.00	60.67 2.12 0.00	62.45 1.97 0.00	90.43 2.87 0.00	123.83 4.03 0.00	93.65 2.95 0.00	93.21 3.04 0.00	127.74 3.79 0.00	198.76 6.31 0.00	190.77 7.52 0.00	200.68 7.48 0.00	223.17 8.66 0.00	275.70 9.70 0.00	156.15 5.20 0.00	114.94 4.31 0.00	52.43 2.15 -0.18	58.37 2.21 0.00	59.48 2.34 0.00	72.64 2.85 0.00	115.43 4.25 0.00	113.83 4.05 0.00	79.23 2.54 -2.53	69.81 2.25 0.00	76.05 2.24 0.00
AUBURN___LFGE 323710	68.56 -1.20 0.00	57.76 -0.78 0.00	59.48 -1.01 0.00	85.64 -1.92 0.00	117.08 -2.72 0.00	88.94 -1.75 0.00	88.51 -1.67 0.00	121.35 -2.60 0.00	189.30 -3.15 0.00	181.29 -2.59 -0.63	190.22 -2.98 0.00	211.83 -2.68 0.00	262.36 -3.65 0.00	148.19 -2.76 0.00	108.69 -1.94 0.00	49.47 -0.65 -0.03	55.41 -0.83 -0.08	56.40 -0.74 0.00	70.58 -0.82 -1.61	114.82 -2.17 -5.81	113.61 -2.49 -6.32	76.15 -1.88 -3.86	67.50 -1.58 -1.52	72.27 -1.95 -0.41
BABYLON_RES_REC 323704	89.67 4.99 -14.93	70.21 4.20 -7.47	67.25 3.96 -2.81	102.62 5.92 -9.14	135.62 8.38 -7.44	129.07 6.73 -31.64	127.05 7.30 -29.58	135.09 9.94 -1.19	207.39 14.94 0.00	199.99 16.74 0.00	209.05 15.85 0.00	232.75 18.24 0.00	287.19 21.19 0.00	162.49 11.54 0.00	119.91 9.28 0.00	101.81 4.75 -46.98	170.13 5.07 -108.91	130.83 5.12 -68.57	76.78 6.26 -0.73	120.47 9.12 -0.17	134.67 8.86 -16.03	86.20 5.85 -6.19	72.37 4.81 0.00	78.79 4.98 0.00
BABYLON___69_KV_BK2 356345	90.58 5.89 -14.94	70.96 4.94 -7.47	68.00 4.71 -2.81	103.67 6.97 -9.14	137.04 9.81 -7.44	130.12 7.79 -31.64	128.25 8.49 -29.58	138.50 11.55 -3.00	209.86 17.40 -0.01	212.86 19.09 -10.52	216.04 18.37 -4.47	235.67 21.14 -0.02	290.78 24.78 0.00	166.80 13.38 -2.47	147.22 10.56 -26.03	138.06 5.32 -82.65	186.12 5.78 -124.18	154.10 5.95 -91.01	112.68 7.18 -35.71	148.07 10.59 -26.30	150.70 10.32 -30.60	87.20 6.85 -6.19	73.15 5.59 0.00	79.68 5.88 0.00
BALL_HILL_WT_PWR 323825	64.96 -4.79 0.00	54.44 -4.10 0.00	56.14 -4.34 0.00	81.29 -6.27 0.00	110.94 -8.86 0.00	84.22 -6.48 0.00	83.16 -7.02 0.00	113.40 -10.55 0.00	177.71 -14.74 0.00	166.36 -14.12 2.77	176.80 -16.40 0.00	198.47 -16.04 0.00	245.84 -20.16 0.00	138.20 -12.75 0.00	100.96 -9.66 0.00	45.72 -4.37 0.00	50.82 -4.97 0.36	52.37 -4.77 0.00	56.26 -5.98 7.55	69.10 -12.50 29.59	63.05 -12.19 34.54	48.53 -8.13 17.51	52.10 -7.29 8.17	64.11 -7.87 1.84
BARON_WINDS___WT_PWR 323822	65.82 -3.94 0.00	55.09 -3.46 0.00	56.68 -3.81 0.00	81.76 -5.80 0.00	111.56 -8.23 0.00	84.63 -6.06 0.00	83.93 -6.24 0.00	114.49 -9.46 0.00	179.37 -13.09 0.00	165.69 -12.51 5.05	179.71 -13.49 0.00	200.42 -14.08 0.00	249.13 -16.87 0.00	139.65 -11.30 0.00	102.09 -8.54 0.00	46.20 -3.87 0.03	50.86 -4.64 0.66	52.56 -4.56 0.02	44.26 -5.58 19.95	-9.83 -9.95 111.06	-6.00 -10.12 105.66	30.13 -7.11 36.92	23.74 -6.53 37.29	63.13 -7.34 3.34
BARRETT_IC_1 23704	88.45 3.76 -14.93	69.19 3.17 -7.47	66.18 2.88 -2.81	101.12 4.42 -9.14	133.49 6.25 -7.44	127.32 4.98 -31.64	124.75 4.99 -29.58	131.83 6.69 -1.19	202.81 10.36 0.00	195.48 12.23 0.00	204.77 11.57 0.00	227.89 13.38 0.00	281.26 15.26 0.00	158.98 8.03 0.00	117.17 6.54 0.00	100.45 3.39 -46.98	160.58 3.49 -100.94	129.38 3.67 -68.57	74.96 4.44 -0.73	117.80 6.45 -0.17	131.92 6.11 -16.03	84.30 3.95 -6.19	71.04 3.48 0.00	77.30 3.49 0.00
BARRETT_IC_10 23701	88.45 3.76 -14.93	69.19 3.17 -7.47	66.18 2.88 -2.81	101.12 4.42 -9.14	133.49 6.25 -7.44	127.32 4.98 -31.64	124.75 4.99 -29.58	131.83 6.69 -1.19	202.81 10.36 0.00	195.48 12.23 0.00	204.77 11.57 0.00	227.89 13.38 0.00	281.26 15.26 0.00	158.98 8.03 0.00	117.17 6.54 0.00	100.45 3.39 -46.98	160.58 3.49 -100.94	129.38 3.67 -68.57	74.96 4.44 -0.73	117.80 6.45 -0.17	131.92 6.11 -16.03	84.30 3.95 -6.19	71.04 3.48 0.00	77.30 3.49 0.00
BARRETT_IC_11 23702	88.45 3.76 -14.93	69.19 3.17 -7.47	66.18 2.88 -2.81	101.12 4.42 -9.14	133.49 6.25 -7.44	127.32 4.98 -31.64	124.75 4.99 -29.58	131.83 6.69 -1.19	202.81 10.36 0.00	195.48 12.23 0.00	204.77 11.57 0.00	227.89 13.38 0.00	281.26 15.26 0.00	158.98 8.03 0.00	117.17 6.54 0.00	100.45 3.39 -46.98	160.58 3.49 -100.94	129.38 3.67 -68.57	74.96 4.44 -0.73	117.80 6.45 -0.17	131.92 6.11 -16.03	84.30 3.95 -6.19	71.04 3.48 0.00	77.30 3.49 0.00
BARRETT_IC_12 23703	88.45 3.76 -14.93	69.19 3.17 -7.47	66.18 2.88 -2.81	101.12 4.42 -9.14	133.49 6.25 -7.44	127.32 4.98 -31.64	124.75 4.99 -29.58	131.83 6.69 -1.19	202.81 10.36 0.00	195.48 12.23 0.00	204.77 11.57 0.00	227.89 13.38 0.00	281.26 15.26 0.00	158.98 8.03 0.00	117.17 6.54 0.00	100.45 3.39 -46.98	160.58 3.49 -100.94	129.38 3.67 -68.57	74.96 4.44 -0.73	117.80 6.45 -0.17	131.92 6.11 -16.03	84.30 3.95 -6.19	71.04 3.48 0.00	77.30 3.49 0.00
BARRETT_IC_2 23705	88.45 3.76 -14.93	69.19 3.17 -7.47	66.18 2.88 -2.81	101.12 4.42 -9.14	133.49 6.25 -7.44	127.32 4.98 -31.64	124.75 4.99 -29.58	131.83 6.69 -1.19	202.81 10.36 0.00	195.48 12.23 0.00	204.77 11.57 0.00	227.89 13.38 0.00	281.26 15.26 0.00	158.98 8.03 0.00	117.17 6.54 0.00	100.45 3.39 -46.98	160.58 3.49 -100.94	129.38 3.67 -68.57	74.96 4.44 -0.73	117.80 6.45 -0.17	131.92 6.11 -16.03	84.30 3.95 -6.19	71.04 3.48 0.00	77.30 3.49 0.00
BARRETT_IC_3 23706	88.45 3.76 -14.93	69.19 3.17 -7.47	66.18 2.88 -2.81	101.12 4.42 -9.14	133.49 6.25 -7.44	127.32 4.98 -31.64	124.75 4.99 -29.58	131.83 6.69 -1.19	202.81 10.36 0.00	195.48 12.23 0.00	204.77 11.57 0.00	227.89 13.38 0.00	281.26 15.26 0.00	158.98 8.03 0.00	117.17 6.54 0.00	100.45 3.39 -46.98	160.58 3.49 -100.94	129.38 3.67 -68.57	74.96 4.44 -0.73	117.80 6.45 -0.17	131.92 6.11 -16.03	84.30 3.95 -6.19	71.04 3.48 0.00	77.30 3.49 0.00
BARRETT_IC_4 23707	88.45 3.76 -14.93	69.19 3.17 -7.47	66.18 2.88 -2.81	101.12 4.42 -9.14	133.49 6.25 -7.44	127.32 4.98 -31.64	124.75 4.99 -29.58	131.83 6.69 -1.19	202.81 10.36 0.00	195.48 12.23 0.00	204.77 11.57 0.00	227.89 13.38 0.00	281.26 15.26 0.00	158.98 8.03 0.00	117.17 6.54 0.00	100.45 3.39 -46.98	160.58 3.49 -100.94	129.38 3.67 -68.57	74.96 4.44 -0.73	117.80 6.45 -0.17	131.92 6.11 -16.03	84.30 3.95 -6.19	71.04 3.48 0.00	77.30 3.49 0.00

BARRETT_IC_5 23708	88.45 3.76 -14.93	69.19 3.17 -7.47	66.18 2.88 -2.81	101.12 4.42 -9.14	133.49 6.25 -7.44	127.32 4.98 -31.64	124.75 4.99 -29.58	131.83 6.69 -1.19	202.81 10.36 0.00	195.48 12.23 0.00	204.77 11.57 0.00	227.89 13.38 0.00	281.26 15.26 0.00	158.98 8.03 0.00	117.17 6.54 0.00	100.45 3.39 -46.98	160.58 3.49 -100.94	129.38 3.67 -68.57	74.96 4.44 -0.73	117.80 6.45 -0.17	131.92 6.11 -16.03	84.30 3.95 -6.19	71.04 3.48 0.00	77.30 3.49 0.00
BARRETT_IC_6 23709	88.45 3.76 -14.93	69.19 3.17 -7.47	66.18 2.88 -2.81	101.12 4.42 -9.14	133.49 6.25 -7.44	127.32 4.98 -31.64	124.75 4.99 -29.58	131.83 6.69 -1.19	202.81 10.36 0.00	195.48 12.23 0.00	204.77 11.57 0.00	227.89 13.38 0.00	281.26 15.26 0.00	158.98 8.03 0.00	117.17 6.54 0.00	100.45 3.39 -46.98	160.58 3.49 -100.94	129.38 3.67 -68.57	74.96 4.44 -0.73	117.80 6.45 -0.17	131.92 6.11 -16.03	84.30 3.95 -6.19	71.04 3.48 0.00	77.30 3.49 0.00
BARRETT_IC_7 23710	88.45 3.77 -14.93	69.19 3.17 -7.47	66.18 2.88 -2.81	101.12 4.42 -9.14	133.50 6.26 -7.44	127.31 4.98 -31.64	124.75 4.99 -29.58	131.83 6.69 -1.19	202.82 10.37 0.00	195.48 12.23 0.00	204.77 11.57 0.00	227.88 13.37 0.00	281.25 15.25 0.00	158.98 8.03 0.00	117.17 6.54 0.00	100.45 3.39 -46.97	160.58 3.49 -100.94	129.37 3.67 -68.56	74.96 4.44 -0.73	117.81 6.45 -0.17	131.91 6.11 -16.03	84.29 3.94 -6.19	71.05 3.49 0.00	77.30 3.49 0.00
BARRETT_IC_8 23711	88.45 3.76 -14.93	69.19 3.17 -7.47	66.18 2.88 -2.81	101.12 4.42 -9.14	133.49 6.25 -7.44	127.32 4.98 -31.64	124.75 4.99 -29.58	131.83 6.69 -1.19	202.81 10.36 0.00	195.48 12.23 0.00	204.77 11.57 0.00	227.89 13.38 0.00	281.26 15.26 0.00	158.98 8.03 0.00	117.17 6.54 0.00	100.45 3.39 -46.98	160.58 3.49 -100.94	129.38 3.67 -68.57	74.96 4.44 -0.73	117.80 6.45 -0.17	131.92 6.11 -16.03	84.30 3.95 -6.19	71.04 3.48 0.00	77.30 3.49 0.00
BARRETT_IC_9 23700	88.45 3.76 -14.93	69.19 3.17 -7.47	66.18 2.88 -2.81	101.12 4.42 -9.14	133.49 6.25 -7.44	127.32 4.98 -31.64	124.75 4.99 -29.58	131.83 6.69 -1.19	202.81 10.36 0.00	195.48 12.23 0.00	204.77 11.57 0.00	227.89 13.38 0.00	281.26 15.26 0.00	158.98 8.03 0.00	117.17 6.54 0.00	100.45 3.39 -46.98	160.58 3.49 -100.94	129.38 3.67 -68.57	74.96 4.44 -0.73	117.80 6.45 -0.17	131.92 6.11 -16.03	84.30 3.95 -6.19	71.04 3.48 0.00	77.30 3.49 0.00
BARRETT___1 23545	88.45 3.76 -14.93	69.19 3.17 -7.47	66.18 2.88 -2.81	101.12 4.42 -9.14	133.49 6.25 -7.44	127.32 4.98 -31.64	124.75 4.99 -29.58	131.83 6.69 -1.19	202.81 10.36 0.00	195.48 12.23 0.00	204.77 11.57 0.00	227.89 13.38 0.00	281.26 15.26 0.00	158.98 8.03 0.00	117.17 6.54 0.00	100.45 3.39 -46.98	160.58 3.49 -100.94	129.38 3.67 -68.57	74.96 4.44 -0.73	117.80 6.45 -0.17	131.92 6.11 -16.03	84.30 3.95 -6.19	71.04 3.48 0.00	77.30 3.49 0.00
BARRETT___2 23546	88.45 3.76 -14.93	69.19 3.17 -7.47	66.18 2.88 -2.81	101.12 4.42 -9.14	133.49 6.25 -7.44	127.32 4.98 -31.64	124.75 4.99 -29.58	131.83 6.69 -1.19	202.81 10.36 0.00	195.48 12.23 0.00	204.77 11.57 0.00	227.89 13.38 0.00	281.26 15.26 0.00	158.98 8.03 0.00	117.17 6.54 0.00	100.45 3.39 -46.98	160.58 3.49 -100.94	129.38 3.67 -68.57	74.96 4.44 -0.73	117.80 6.45 -0.17	131.92 6.11 -16.03	84.30 3.95 -6.19	71.04 3.48 0.00	77.30 3.49 0.00
BATAVIA___115KV_TB1 55881	66.73 -3.02 0.00	56.04 -2.51 0.00	57.80 -2.68 0.00	83.14 -4.41 0.00	113.72 -6.08 0.00	86.56 -4.13 0.00	85.45 -4.72 0.00	116.53 -7.42 0.00	183.04 -9.41 0.00	172.50 -8.79 1.97	182.55 -10.65 0.00	204.49 -10.02 0.00	253.31 -12.69 0.00	142.83 -8.12 0.00	103.88 -6.75 0.00	47.39 -2.70 0.00	52.77 -3.13 0.26	54.24 -2.89 0.00	61.40 -3.71 4.68	85.75 -8.91 16.52	79.92 -8.80 21.06	56.60 -5.69 11.87	58.00 -5.00 4.56	67.15 -5.36 1.30
BAYONEEC___CTG1 323682	72.72 2.97 0.00	61.04 2.49 0.00	62.69 2.20 0.00	90.78 3.23 0.00	124.47 4.67 0.00	94.63 3.93 0.00	94.58 4.40 0.00	130.12 6.16 0.00	202.90 10.45 0.00	195.48 12.23 0.00	202.56 11.81 2.45	227.76 13.60 0.35	265.81 15.19 15.38	158.69 7.75 0.01	116.91 6.28 0.00	53.42 3.16 -0.17	59.39 3.23 0.00	60.64 3.50 0.00	74.03 4.25 0.00	117.34 6.16 0.00	115.65 5.88 0.00	81.10 3.60 -3.34	70.71 3.15 0.00	76.84 3.03 0.00
BAYONEEC___CTG10 323750	72.72 2.97 0.00	61.04 2.49 0.00	62.69 2.20 0.00	90.78 3.23 0.00	124.47 4.67 0.00	94.63 3.93 0.00	94.58 4.40 0.00	130.12 6.16 0.00	202.90 10.45 0.00	195.48 12.23 0.00	202.56 11.81 2.45	227.76 13.60 0.35	265.81 15.19 15.38	158.69 7.75 0.01	116.91 6.28 0.00	53.42 3.16 -0.17	59.39 3.23 0.00	60.64 3.50 0.00	74.03 4.25 0.00	117.34 6.16 0.00	115.65 5.88 0.00	81.10 3.60 -3.34	70.71 3.15 0.00	76.84 3.03 0.00
BAYONEEC___CTG2 323683	72.72 2.97 0.00	61.04 2.49 0.00	62.69 2.20 0.00	90.78 3.23 0.00	124.47 4.67 0.00	94.63 3.93 0.00	94.58 4.40 0.00	130.12 6.16 0.00	202.90 10.45 0.00	195.48 12.23 0.00	202.56 11.81 2.45	227.76 13.60 0.35	265.81 15.19 15.38	158.69 7.75 0.01	116.91 6.28 0.00	53.42 3.16 -0.17	59.39 3.23 0.00	60.64 3.50 0.00	74.03 4.25 0.00	117.34 6.16 0.00	115.65 5.88 0.00	81.10 3.60 -3.34	70.71 3.15 0.00	76.84 3.03 0.00
BAYONEEC___CTG3 323684	72.72 2.97 0.00	61.04 2.49 0.00	62.69 2.20 0.00	90.78 3.23 0.00	124.47 4.67 0.00	94.63 3.93 0.00	94.58 4.40 0.00	130.12 6.16 0.00	202.90 10.45 0.00	195.48 12.23 0.00	202.56 11.81 2.45	227.76 13.60 0.35	265.81 15.19 15.38	158.69 7.75 0.01	116.91 6.28 0.00	53.42 3.16 -0.17	59.39 3.23 0.00	60.64 3.50 0.00	74.03 4.25 0.00	117.34 6.16 0.00	115.65 5.88 0.00	81.10 3.60 -3.34	70.71 3.15 0.00	76.84 3.03 0.00
BAYONEEC___CTG4 323685	72.72 2.97 0.00	61.04 2.49 0.00	62.69 2.20 0.00	90.78 3.23 0.00	124.47 4.67 0.00	94.63 3.93 0.00	94.58 4.40 0.00	130.12 6.16 0.00	202.90 10.45 0.00	195.48 12.23 0.00	202.56 11.81 2.45	227.76 13.60 0.35	265.81 15.19 15.38	158.69 7.75 0.01	116.91 6.28 0.00	53.42 3.16 -0.17	59.39 3.23 0.00	60.64 3.50 0.00	74.03 4.25 0.00	117.34 6.16 0.00	115.65 5.88 0.00	81.10 3.60 -3.34	70.71 3.15 0.00	76.84 3.03 0.00
BAYONEEC___CTG5 323686	72.72 2.97 0.00	61.04 2.49 0.00	62.69 2.20 0.00	90.78 3.23 0.00	124.47 4.67 0.00	94.63 3.93 0.00	94.58 4.40 0.00	130.12 6.16 0.00	202.90 10.45 0.00	195.48 12.23 0.00	202.56 11.81 2.45	227.76 13.60 0.35	265.81 15.19 15.38	158.69 7.75 0.01	116.91 6.28 0.00	53.42 3.16 -0.17	59.39 3.23 0.00	60.64 3.50 0.00	74.03 4.25 0.00	117.34 6.16 0.00	115.65 5.88 0.00	81.10 3.60 -3.34	70.71 3.15 0.00	76.84 3.03 0.00
BAYONEEC___CTG6 323687	72.72 2.97 0.00	61.04 2.49 0.00	62.69 2.20 0.00	90.78 3.23 0.00	124.47 4.67 0.00	94.63 3.93 0.00	94.58 4.40 0.00	130.12 6.16 0.00	202.90 10.45 0.00	195.48 12.23 0.00	202.56 11.81 2.45	227.76 13.60 0.35	265.81 15.19 15.38	158.69 7.75 0.01	116.91 6.28 0.00	53.42 3.16 -0.17	59.39 3.23 0.00	60.64 3.50 0.00	74.03 4.25 0.00	117.34 6.16 0.00	115.65 5.88 0.00	81.10 3.60 -3.34	70.71 3.15 0.00	76.84 3.03 0.00

BAYONEEC___CTG7 323688	72.72 2.97 0.00	61.04 2.49 0.00	62.69 2.20 0.00	90.78 3.23 0.00	124.47 4.67 0.00	94.63 3.93 0.00	94.58 4.40 0.00	130.12 6.16 0.00	202.90 10.45 0.00	195.48 12.23 0.00	202.56 11.81 2.45	227.76 13.60 0.35	265.81 15.19 15.38	158.69 7.75 0.01	116.91 6.28 0.00	53.42 3.16 -0.17	59.39 3.23 0.00	60.64 3.50 0.00	74.03 4.25 0.00	117.34 6.16 0.00	115.65 5.88 0.00	81.10 3.60 -3.34	70.71 3.15 0.00	76.84 3.03 0.00
BAYONEEC___CTG8 323689	72.72 2.97 0.00	61.04 2.49 0.00	62.69 2.20 0.00	90.78 3.23 0.00	124.47 4.67 0.00	94.63 3.93 0.00	94.58 4.40 0.00	130.12 6.16 0.00	202.90 10.45 0.00	195.48 12.23 0.00	202.56 11.81 2.45	227.76 13.60 0.35	265.81 15.19 15.38	158.69 7.75 0.01	116.91 6.28 0.00	53.42 3.16 -0.17	59.39 3.23 0.00	60.64 3.50 0.00	74.03 4.25 0.00	117.34 6.16 0.00	115.65 5.88 0.00	81.10 3.60 -3.34	70.71 3.15 0.00	76.84 3.03 0.00
BAYONEEC___CTG9 323749	72.72 2.97 0.00	61.04 2.49 0.00	62.69 2.20 0.00	90.78 3.23 0.00	124.47 4.67 0.00	94.63 3.93 0.00	94.58 4.40 0.00	130.12 6.16 0.00	202.90 10.45 0.00	195.48 12.23 0.00	202.56 11.81 2.45	227.76 13.60 0.35	265.81 15.19 15.38	158.69 7.75 0.01	116.91 6.28 0.00	53.42 3.16 -0.17	59.39 3.23 0.00	60.64 3.50 0.00	74.03 4.25 0.00	117.34 6.16 0.00	115.65 5.88 0.00	81.10 3.60 -3.34	70.71 3.15 0.00	76.84 3.03 0.00
BEACON___LESR 323632	73.12 3.37 0.00	61.50 2.96 0.00	63.41 2.92 0.00	91.78 4.23 0.00	125.67 5.88 0.00	94.91 4.22 0.00	93.87 3.69 0.00	128.60 4.65 0.00	200.37 7.92 0.00	192.04 8.79 0.00	202.20 9.00 0.00	224.83 10.32 0.00	278.15 12.15 0.00	157.26 6.31 0.00	115.54 4.91 0.00	52.63 2.33 -0.20	58.73 2.57 0.00	59.63 2.49 0.00	72.92 3.13 0.00	116.11 4.92 0.00	114.31 4.54 0.00	93.92 3.03 -16.73	70.33 2.78 0.00	77.02 3.21 0.00
BEAVER RIVER___HYD 24048	72.35 2.60 0.00	60.25 1.70 0.00	61.94 1.46 0.00	88.96 1.41 0.00	121.55 1.76 0.00	91.28 0.59 0.00	90.65 0.47 0.00	125.17 1.21 0.00	193.80 1.35 0.00	183.81 0.56 0.00	194.08 0.87 0.00	215.97 1.46 0.00	269.11 3.11 0.00	154.58 3.63 0.00	113.85 3.21 0.00	51.54 1.44 -0.01	57.31 1.16 0.00	57.39 0.25 0.00	70.55 0.76 0.00	112.11 0.93 0.01	111.25 1.62 0.14	74.76 0.60 0.00	67.32 -0.24 0.00	73.34 -0.46 0.00
BEEBEE_GT_13 23619	66.62 -3.14 0.00	55.96 -2.59 0.00	57.74 -2.74 0.00	83.15 -4.41 0.00	113.79 -6.00 0.00	86.46 -4.24 0.00	85.79 -4.39 0.00	117.46 -6.50 0.00	183.75 -8.70 0.00	173.91 -7.99 1.35	183.79 -9.41 0.00	205.54 -8.97 0.00	254.70 -11.30 0.00	143.76 -7.19 0.00	104.85 -5.78 0.00	47.70 -2.40 -0.01	53.21 -2.77 0.18	54.53 -2.61 0.00	63.51 -3.30 2.98	95.43 -7.45 8.31	89.40 -7.49 12.89	61.29 -5.02 7.84	61.43 -4.49 1.64	68.10 -4.82 0.89
BENSHRST_27_KV_BENSHRST_1 355998	73.57 3.82 0.00	61.72 3.17 0.00	63.39 2.90 0.00	91.75 4.20 0.00	125.69 5.89 0.00	95.69 5.00 0.00	95.73 5.56 0.00	131.77 7.82 0.00	205.90 13.45 0.00	198.53 15.28 0.00	207.57 14.37 0.00	231.27 16.75 0.00	284.83 18.83 0.00	161.03 10.09 0.00	118.71 8.08 0.00	56.25 4.03 -2.13	75.38 4.12 -15.10	108.89 4.38 -47.37	153.58 5.43 -78.36	224.33 7.91 -105.23	154.98 7.55 -37.65	82.15 4.65 -3.34	71.64 4.08 0.00	77.81 4.01 0.00
BETHLEHEM___GRP 23843	72.06 2.30 0.00	60.66 2.11 0.00	62.51 2.02 0.00	90.51 2.95 0.00	123.85 4.06 0.00	93.47 2.78 0.00	92.45 2.27 0.00	126.33 2.37 0.00	196.46 4.01 0.00	188.37 5.11 0.00	198.39 5.19 0.00	220.48 5.98 0.00	272.72 6.71 0.00	154.58 3.63 0.00	113.60 2.97 0.00	51.76 1.47 -0.20	57.63 1.47 0.00	58.57 1.43 0.00	71.57 1.78 0.00	113.98 2.80 0.00	112.38 2.61 0.00	92.64 1.83 -16.64	69.28 1.72 0.00	76.02 2.21 0.00
BETHLEHEM___GS1 323560	72.06 2.30 0.00	60.66 2.11 0.00	62.51 2.02 0.00	90.51 2.95 0.00	123.86 4.06 0.00	93.47 2.78 0.00	92.45 2.27 0.00	126.33 2.37 0.00	196.47 4.02 0.00	188.37 5.11 0.00	198.40 5.20 0.00	220.50 5.99 0.00	272.72 6.72 0.00	154.58 3.63 0.00	113.60 2.97 0.00	51.76 1.47 -0.20	57.62 1.47 0.00	58.56 1.42 0.00	71.57 1.78 0.00	113.93 2.74 0.00	112.40 2.63 0.00	92.64 1.83 -16.64	69.28 1.72 0.00	76.00 2.19 0.00
BETHLEHEM___GS2 323561	72.06 2.30 0.00	60.66 2.11 0.00	62.51 2.02 0.00	90.51 2.95 0.00	123.86 4.06 0.00	93.47 2.78 0.00	92.45 2.27 0.00	126.33 2.37 0.00	196.47 4.02 0.00	188.37 5.11 0.00	198.40 5.20 0.00	220.50 5.99 0.00	272.72 6.72 0.00	154.58 3.63 0.00	113.60 2.97 0.00	51.76 1.47 -0.20	57.62 1.47 0.00	58.56 1.42 0.00	71.57 1.78 0.00	113.93 2.74 0.00	112.40 2.63 0.00	92.64 1.83 -16.64	69.28 1.72 0.00	76.00 2.19 0.00
BETHLEHEM___GS3 323562	72.06 2.30 0.00	60.66 2.11 0.00	62.51 2.02 0.00	90.51 2.95 0.00	123.86 4.06 0.00	93.47 2.78 0.00	92.45 2.27 0.00	126.33 2.37 0.00	196.47 4.02 0.00	188.37 5.11 0.00	198.40 5.20 0.00	220.50 5.99 0.00	272.72 6.72 0.00	154.58 3.63 0.00	113.60 2.97 0.00	51.76 1.47 -0.20	57.62 1.47 0.00	58.56 1.42 0.00	71.57 1.78 0.00	113.93 2.74 0.00	112.40 2.63 0.00	92.64 1.83 -16.64	69.28 1.72 0.00	76.00 2.19 0.00
BETHLEHEM___STEEL 23779	65.25 -4.51 0.00	54.76 -3.79 0.00	56.52 -3.97 0.00	81.30 -6.26 0.00	111.13 -8.66 0.00	84.37 -6.33 0.00	83.20 -6.98 0.00	113.38 -10.58 0.00	178.02 -14.43 0.00	166.85 -13.67 2.74	177.48 -15.72 0.00	199.13 -15.38 0.00	246.95 -19.05 0.00	138.82 -12.13 0.00	101.14 -9.48 0.00	46.01 -4.07 0.00	51.02 -4.78 0.36	52.48 -4.65 0.00	56.61 -5.83 7.34	70.51 -12.42 28.25	64.35 -12.07 33.36	49.12 -7.88 17.17	52.87 -7.00 7.69	64.63 -7.38 1.81
BETHLHEM_115KV_TB1 79974	72.04 2.29 0.00	60.64 2.09 0.00	62.49 2.00 0.00	90.46 2.90 0.00	123.81 4.02 0.00	93.46 2.76 0.00	92.49 2.31 0.00	126.45 2.50 0.00	196.68 4.23 0.00	188.57 5.31 0.00	198.58 5.38 0.00	220.70 6.19 0.00	272.98 6.98 0.00	154.72 3.77 0.00	113.73 3.09 0.00	51.83 1.53 -0.20	57.70 1.55 0.00	58.66 1.52 0.00	71.69 1.90 0.00	114.11 2.93 0.00	112.54 2.76 0.00	91.82 1.90 -15.76	69.33 1.77 0.00	75.97 2.16 0.00
BETHPAGE_CC_5 323564	88.83 4.15 -14.93	69.50 3.48 -7.47	66.49 3.20 -2.81	101.52 4.82 -9.14	134.11 6.88 -7.44	127.95 5.61 -31.64	125.85 6.10 -29.58	133.37 8.23 -1.19	204.97 12.52 0.00	197.68 14.43 0.00	206.62 13.43 0.00	230.01 15.50 0.00	283.89 17.88 0.00	160.60 9.65 0.00	118.43 7.80 0.00	101.10 4.03 -46.98	168.29 4.25 -107.89	130.02 4.31 -68.57	75.79 5.27 -0.73	119.03 7.67 -0.17	133.19 7.38 -16.03	85.19 4.83 -6.19	71.55 3.99 0.00	77.87 4.06 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	65.54 -4.21 0.00	54.99 -3.56 0.00	56.74 -3.74 0.00	81.65 -5.91 0.00	111.61 -8.18 0.00	84.70 -6.00 0.00	83.51 -6.67 0.00	113.86 -10.09 0.00	178.79 -13.66 0.00	167.64 -12.82 2.80	178.46 -14.74 0.00	200.10 -14.41 0.00	248.05 -17.95 0.00	139.42 -11.53 0.00	101.62 -9.01 0.00	46.18 -3.90 0.00	51.21 -4.58 0.37	52.72 -4.41 0.00	56.93 -5.50 7.36	71.82 -11.87 27.49	65.22 -11.56 32.99	49.21 -7.55 17.40	53.50 -6.73 7.32	64.81 -7.15 1.85

BINGHAMTON___COGEN 23790	68.96 -0.80 0.00	57.82 -0.73 0.00	59.65 -0.84 0.00	86.23 -1.32 0.00	117.87 -1.92 0.00	89.38 -1.31 0.00	88.78 -1.40 0.00	121.75 -2.21 0.00	189.93 -2.52 0.00	179.93 -1.92 1.40	191.14 -2.06 0.00	213.02 -1.49 0.00	264.00 -2.01 0.00	149.00 -1.96 0.00	109.31 -1.32 0.00	49.63 -0.50 -0.04	55.27 -0.70 0.18	56.52 -0.62 0.00	66.45 -0.76 2.58	105.82 -1.87 3.49	99.14 -2.12 8.51	66.45 -1.61 6.10	66.42 -1.49 -0.36	70.96 -1.92 0.93
BIXINCNT_115KV_LOAD 355685	66.15 -3.61 0.00	55.16 -3.39 0.00	56.60 -3.88 0.00	82.37 -5.19 0.00	112.74 -7.06 0.00	84.44 -6.25 0.00	83.14 -7.04 0.00	113.69 -10.27 0.00	178.03 -14.42 0.00	168.03 -12.10 3.13	180.80 -12.40 0.00	200.10 -14.41 0.00	245.64 -20.36 0.00	136.87 -14.08 0.00	100.47 -10.16 0.00	45.02 -5.06 0.01	49.94 -5.80 0.41	52.37 -4.77 0.00	56.87 -5.47 7.45	75.93 -11.74 23.51	66.94 -11.72 31.12	48.25 -8.02 17.90	54.64 -7.56 5.36	63.03 -8.71 2.07
BLACK RIVER___HYD 24047	72.64 2.89 0.00	60.46 1.92 0.00	62.16 1.68 0.00	89.22 1.67 0.00	121.93 2.13 0.00	91.48 0.78 0.00	90.85 0.67 0.00	125.62 1.67 0.00	194.75 2.30 0.00	184.91 1.66 0.00	195.09 1.89 0.00	217.69 3.18 0.00	271.21 5.21 0.00	155.86 4.91 0.00	114.79 4.16 0.00	52.04 1.94 -0.01	57.78 1.62 0.00	57.90 0.76 0.00	70.84 1.05 0.00	112.64 1.46 0.00	112.01 2.23 0.00	75.12 0.96 0.00	67.44 -0.11 0.00	73.06 -0.74 0.00
BLACKRVR_115KV_TB2 79977	72.64 2.89 0.00	60.47 1.92 0.00	62.16 1.67 0.00	89.22 1.67 0.00	121.93 2.14 0.00	91.48 0.78 0.00	90.85 0.67 0.00	125.62 1.67 0.00	194.75 2.30 0.00	184.91 1.66 0.00	195.09 1.89 0.00	217.69 3.18 0.00	271.21 5.21 0.00	155.87 4.92 0.00	114.80 4.16 0.00	52.04 1.94 -0.01	57.78 1.62 0.00	57.90 0.76 0.00	70.84 1.05 0.00	112.62 1.44 0.00	112.02 2.24 0.00	75.13 0.97 0.00	67.44 -0.12 0.00	73.06 -0.74 0.00
BLISS_WT_PWR 323608	66.01 -3.74 0.00	54.94 -3.61 0.00	56.27 -4.22 0.00	82.12 -5.44 0.00	112.42 -7.38 0.00	83.95 -6.74 0.00	82.63 -7.54 0.00	113.02 -10.93 0.00	177.05 -15.40 0.00	167.43 -12.69 3.13	180.52 -12.68 0.00	199.03 -15.47 0.00	243.63 -22.37 0.00	135.40 -15.55 0.00	99.69 -10.94 0.00	44.52 -5.57 0.01	49.46 -6.29 0.41	52.09 -5.04 0.00	56.58 -5.75 7.45	75.44 -12.23 23.51	66.32 -12.34 31.12	47.80 -8.47 17.90	54.13 -8.07 5.36	62.22 -9.51 2.07
BLUESTONE___WT_PWR 323821	70.58 0.83 0.00	58.47 -0.08 0.00	60.10 -0.38 0.00	86.25 -1.31 0.00	118.37 -1.42 0.00	89.85 -0.85 0.00	88.72 -1.46 0.00	121.93 -2.02 0.00	191.23 -1.23 0.00	183.32 -1.25 -1.32	191.68 -1.52 0.00	213.74 -0.77 0.00	267.01 1.01 0.00	152.09 1.14 0.00	112.57 1.95 0.00	51.63 1.46 -0.08	58.39 2.06 -0.17	58.93 1.79 0.00	75.08 2.39 -2.90	122.25 3.51 -7.55	122.71 2.55 -10.38	86.09 1.44 -10.49	69.59 0.68 -1.35	75.38 0.70 -0.87
BLUE_CIRC_CHEM_DRP 24182	74.94 5.18 0.00	63.06 4.51 0.00	65.02 4.53 0.00	94.14 6.59 0.00	128.77 8.98 0.00	97.17 6.48 0.00	96.21 6.03 0.00	131.44 7.49 0.00	204.20 11.75 0.00	195.49 12.23 0.00	205.79 12.59 0.00	228.55 14.04 0.00	282.80 16.80 0.00	160.09 9.14 0.00	117.63 7.00 0.00	53.58 3.30 -0.20	59.74 3.58 0.00	60.85 3.71 0.00	74.29 4.50 0.00	118.15 6.96 0.00	116.41 6.63 0.00	91.83 4.46 -13.20	71.70 4.14 0.00	78.68 4.87 0.00
BOC_GAS_DRP 24189	71.76 2.01 0.00	60.40 1.85 0.00	62.23 1.75 0.00	90.08 2.52 0.00	123.30 3.51 0.00	93.16 2.46 0.00	92.45 2.27 0.00	126.57 2.61 0.00	196.80 4.35 0.00	188.58 5.33 0.00	198.58 5.38 0.00	220.70 6.19 0.00	272.92 6.92 0.00	154.72 3.77 0.00	113.76 3.13 0.00	51.86 1.57 -0.20	57.76 1.61 0.00	58.78 1.65 0.00	71.80 2.01 0.00	114.24 3.06 0.00	112.67 2.89 0.00	86.87 1.89 -10.82	69.28 1.72 0.00	75.68 1.87 0.00
BOONVILLE_115KV_TB1 79983	72.24 2.49 0.00	60.44 1.90 0.00	62.24 1.75 0.00	89.75 2.19 0.00	122.78 2.99 0.00	92.71 2.01 0.00	92.29 2.11 0.00	127.15 3.19 0.00	197.60 5.15 0.00	188.14 4.89 0.00	198.51 5.31 0.00	220.55 6.04 0.00	273.86 7.86 0.00	156.09 5.15 0.00	114.84 4.21 0.00	52.08 1.98 -0.01	58.16 2.01 0.00	58.69 1.55 0.00	71.98 2.19 0.00	114.21 3.04 0.01	112.72 3.16 0.22	75.89 1.73 0.00	68.62 1.06 0.00	74.72 0.91 0.00
BORALEX_4TH_BRANCH 23824	74.45 4.70 0.00	62.74 4.19 0.00	64.63 4.15 0.00	93.57 6.01 0.00	127.76 7.97 0.00	96.70 6.00 0.00	95.88 5.70 0.00	130.76 6.81 0.00	203.33 10.88 0.00	195.35 12.09 0.00	206.00 12.80 0.00	229.23 14.72 0.00	283.93 17.93 0.00	160.79 9.83 0.00	118.43 7.80 0.00	54.05 3.76 -0.20	60.18 4.02 0.00	61.28 4.14 0.00	74.80 5.02 0.00	119.04 7.85 0.00	117.27 7.50 0.00	104.38 5.01 -25.20	72.23 4.66 0.00	78.59 4.78 0.00
BOWLINE___1 23526	71.97 2.22 0.00	60.46 1.91 0.00	62.12 1.64 0.00	90.03 2.48 0.00	123.40 3.61 0.00	93.75 3.05 0.00	93.47 3.29 0.00	128.36 4.41 0.00	199.93 7.48 0.00	192.52 9.27 0.00	202.26 9.06 0.00	225.12 10.61 0.00	277.79 11.78 0.00	157.01 6.06 0.00	115.53 4.90 0.00	52.75 2.50 -0.16	58.69 2.54 0.00	59.90 2.76 0.00	73.18 3.40 0.00	116.10 4.92 0.00	114.43 4.65 0.00	80.15 2.77 -3.22	69.98 2.42 0.00	76.07 2.26 0.00
BOWLINE___2 23595	72.06 2.31 0.00	60.54 1.99 0.00	62.22 1.73 0.00	90.17 2.61 0.00	123.62 3.83 0.00	93.88 3.19 0.00	93.63 3.45 0.00	128.53 4.58 0.00	200.22 7.77 0.00	192.83 9.58 0.00	202.56 9.36 0.00	225.44 10.93 0.00	278.24 12.24 0.00	157.25 6.30 0.00	115.70 5.07 0.00	52.83 2.58 -0.16	58.78 2.62 0.00	59.99 2.85 0.00	73.28 3.49 0.00	116.29 5.11 0.00	114.59 4.82 0.00	80.28 2.89 -3.22	70.08 2.52 0.00	76.18 2.37 0.00
BRADY___115KV_TB2 356060	71.86 2.11 0.00	60.15 1.60 0.00	62.38 1.90 0.00	90.24 2.69 0.00	123.11 3.32 0.00	93.29 2.59 0.00	92.70 2.52 0.00	127.81 3.86 0.00	197.23 4.78 0.00	185.45 2.19 0.00	195.49 2.29 0.00	216.54 2.03 0.00	270.12 4.12 0.00	154.09 3.14 0.00	112.27 1.64 0.00	50.27 0.18 0.00	56.46 0.30 0.00	57.28 0.14 0.00	69.97 0.18 0.00	112.40 1.21 0.00	111.52 1.75 0.00	75.68 1.52 0.00	69.16 1.60 0.00	76.10 2.29 0.00
BRANSCOMB___SOLAR 323811	74.25 4.50 0.00	62.39 3.85 0.00	64.31 3.82 0.00	93.14 5.59 0.00	127.54 7.75 0.00	96.71 6.02 0.00	96.19 6.01 0.00	131.48 7.53 0.00	204.59 12.14 0.00	196.37 13.12 0.00	206.84 13.64 0.00	229.64 15.13 0.00	283.76 17.76 0.00	160.65 9.70 0.00	118.14 7.51 0.00	53.75 3.45 -0.21	59.86 3.70 0.00	61.07 3.94 0.00	74.60 4.81 0.00	118.64 7.46 0.00	116.86 7.08 0.00	113.10 5.03 -33.91	72.16 4.60 0.00	78.50 4.70 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	90.42 5.73 -14.94	70.87 4.85 -7.47	67.96 4.66 -2.81	103.59 6.90 -9.14	136.87 9.63 -7.44	129.84 7.50 -31.64	128.12 8.36 -29.58	138.15 11.19 -3.00	209.19 16.73 -0.01	212.19 18.37 -10.56	215.29 17.59 -4.49	234.77 20.25 -0.02	289.83 23.83 0.00	166.00 12.57 -2.48	146.76 9.99 -26.14	138.00 5.11 -82.80	186.19 5.58 -124.46	154.02 5.77 -91.11	112.57 6.92 -35.86	147.71 10.12 -26.41	150.41 9.97 -30.66	86.98 6.63 -6.19	72.91 5.35 0.00	79.56 5.75 0.00

BRISTLHL_115KV_TB1 79998	67.12 -2.63 0.00	56.35 -2.19 0.00	58.04 -2.45 0.00	83.90 -3.66 0.00	114.79 -5.01 0.00	87.02 -3.67 0.00	86.52 -3.66 0.00	118.95 -5.01 0.00	185.32 -7.13 0.00	176.87 -6.38 0.00	186.29 -6.91 0.00	207.44 -7.07 0.00	256.95 -9.05 0.00	145.50 -5.45 0.00	106.66 -3.97 0.00	48.46 -1.64 -0.02	54.22 -1.94 0.00	55.22 -1.91 0.00	67.45 -2.34 0.00	106.78 -4.42 -0.01	105.45 -4.53 -0.20	70.95 -3.21 0.00	64.53 -3.03 0.00	70.41 -3.40 0.00
BROOKHAVEN___DRP 24191	90.45 5.74 -14.96	70.92 4.89 -7.47	67.92 4.62 -2.81	103.51 6.81 -9.14	136.81 9.57 -7.44	129.89 7.55 -31.64	127.90 8.14 -29.58	145.99 10.97 -11.07	208.83 16.35 -0.03	258.72 17.90 -57.56	234.41 16.72 -24.49	233.98 19.38 -0.09	288.83 22.83 -0.01	177.03 12.56 -13.51	263.60 10.49 -142.48	297.80 5.46 -242.25	255.39 5.63 -193.61	254.05 5.46 -191.45	268.69 6.70 -192.19	263.98 9.63 -143.17	214.89 9.34 -95.77	86.67 6.32 -6.19	72.67 5.11 0.00	79.15 5.34 0.00
BROOKLYN_NAVY_YARD 23515	72.81 3.06 0.00	61.11 2.56 0.00	62.75 2.27 0.00	90.87 3.31 0.00	124.57 4.77 0.00	94.76 4.06 0.00	94.72 4.55 0.00	130.36 6.41 0.00	203.36 10.91 0.00	195.94 12.68 0.00	205.47 12.27 0.00	228.62 14.11 0.00	281.73 15.73 0.00	158.99 8.04 0.00	117.10 6.47 0.00	53.51 3.26 -0.17	59.48 3.32 0.00	60.75 3.61 0.00	74.18 4.39 0.00	117.56 6.37 0.00	115.90 6.12 0.00	81.24 3.74 -3.34	70.85 3.30 0.00	76.97 3.16 0.00
BROOKLYN___ARMY_DRP 323595	73.20 3.44 0.00	61.42 2.87 0.00	63.09 2.60 0.00	91.31 3.76 0.00	125.12 5.33 0.00	95.22 4.53 0.00	95.23 5.05 0.00	131.03 7.07 0.00	204.70 12.25 0.00	197.34 14.09 0.00	206.28 13.08 0.00	229.85 15.34 0.00	283.10 17.10 0.00	160.06 9.11 0.00	118.02 7.39 0.00	55.93 3.70 -2.13	61.47 3.77 -1.55	65.99 4.00 -4.85	83.00 4.97 -8.25	129.16 7.20 -10.78	120.47 6.83 -3.86	81.67 4.17 -3.34	71.24 3.68 0.00	77.41 3.60 0.00
BROOKVLE_69_KV_TB1 55790	89.27 4.58 -14.93	69.84 3.82 -7.47	66.82 3.52 -2.81	101.98 5.28 -9.14	134.78 7.54 -7.44	128.44 6.11 -31.64	126.32 6.56 -29.58	134.15 9.00 -1.19	206.60 14.15 0.00	199.13 15.88 0.00	208.44 15.24 0.00	232.09 17.58 0.00	286.48 20.47 0.00	161.94 10.99 0.00	119.32 8.69 0.00	101.44 4.37 -46.97	164.33 4.62 -103.55	130.53 4.83 -68.56	76.34 5.82 -0.73	119.94 8.58 -0.17	134.03 8.22 -16.03	85.66 5.31 -6.19	72.05 4.49 0.00	78.36 4.55 0.00
BROOME_2_LFGE 323671	68.96 -0.80 0.00	57.82 -0.73 0.00	59.65 -0.83 0.00	86.23 -1.33 0.00	117.87 -1.93 0.00	89.38 -1.32 0.00	88.78 -1.40 0.00	121.74 -2.21 0.00	189.94 -2.52 0.00	179.97 -1.89 1.40	191.15 -2.05 0.00	213.02 -1.49 0.00	264.00 -2.00 0.00	149.01 -1.95 0.00	109.31 -1.32 0.00	49.63 -0.50 -0.04	55.27 -0.70 0.18	56.52 -0.62 0.00	66.42 -0.79 2.58	105.81 -1.89 3.49	99.12 -2.14 8.51	66.44 -1.62 6.10	66.43 -1.50 -0.36	70.96 -1.92 0.93
BROOME___LFGE 323600	68.96 -0.80 0.00	57.82 -0.73 0.00	59.65 -0.83 0.00	86.23 -1.33 0.00	117.87 -1.93 0.00	89.38 -1.32 0.00	88.78 -1.40 0.00	121.74 -2.21 0.00	189.94 -2.52 0.00	179.97 -1.89 1.40	191.15 -2.05 0.00	213.02 -1.49 0.00	264.00 -2.00 0.00	149.01 -1.95 0.00	109.31 -1.32 0.00	49.63 -0.50 -0.04	55.27 -0.70 0.18	56.52 -0.62 0.00	66.42 -0.79 2.58	105.81 -1.89 3.49	99.12 -2.14 8.51	66.44 -1.62 6.10	66.43 -1.50 -0.36	70.96 -1.92 0.93
BROWNFLS_115KV_TB_3_5 80003	71.87 2.12 0.00	59.96 1.41 0.00	61.84 1.35 0.00	89.07 1.52 0.00	121.42 1.63 0.00	91.52 0.82 0.00	90.76 0.58 0.00	125.13 1.18 0.00	193.28 0.83 0.00	182.57 -0.68 0.00	193.04 -0.16 0.00	214.56 0.05 0.00	267.69 1.69 0.00	153.33 2.38 0.00	112.38 1.75 0.00	50.54 0.45 0.00	56.31 0.16 0.00	56.64 -0.50 0.00	69.44 -0.35 0.00	110.88 -0.30 0.00	110.12 0.35 0.00	74.40 0.23 0.00	67.58 0.02 0.00	74.10 0.29 0.00
BROWNSV1_27_KV_LOAD 356125	73.57 3.82 0.00	61.72 3.18 0.00	63.39 2.90 0.00	91.77 4.22 0.00	125.83 6.04 0.00	95.71 5.02 0.00	95.71 5.53 0.00	131.75 7.80 0.00	205.57 13.12 0.00	198.03 14.78 0.00	207.81 14.61 0.00	231.19 16.68 0.00	285.05 19.05 0.00	160.90 9.94 0.00	118.42 7.79 0.00	54.10 3.84 -0.17	60.14 3.98 0.00	61.44 4.30 0.00	74.99 5.20 0.00	118.85 7.67 0.00	117.14 7.36 0.00	82.05 4.55 -3.34	71.56 4.00 0.00	77.70 3.89 0.00
BURROWS___LYONSDAL 23803	72.25 2.50 0.00	60.36 1.81 0.00	62.10 1.61 0.00	89.40 1.84 0.00	122.24 2.45 0.00	92.14 1.45 0.00	91.65 1.47 0.00	126.38 2.43 0.00	196.25 3.80 0.00	186.71 3.46 0.00	196.98 3.78 0.00	218.90 4.39 0.00	272.05 6.04 0.00	155.46 4.51 0.00	114.49 3.86 0.00	51.94 1.84 -0.01	57.93 1.77 0.00	58.28 1.14 0.00	71.58 1.79 0.00	113.59 2.42 0.01	112.24 2.67 0.20	75.48 1.31 0.00	68.12 0.56 0.00	74.19 0.38 0.00
CAITHNESS_CC_1 323624	90.21 5.50 -14.96	70.71 4.69 -7.47	67.72 4.43 -2.81	103.24 6.54 -9.14	136.44 9.20 -7.44	129.63 7.29 -31.64	127.64 7.88 -29.58	145.55 10.60 -11.00	208.20 15.72 -0.03	257.73 17.35 -57.13	233.74 16.24 -24.30	233.37 18.77 -0.09	288.15 22.14 -0.01	176.50 12.13 -13.41	262.20 10.16 -141.41	296.18 5.30 -240.79	254.70 5.55 -192.99	253.10 5.43 -190.53	267.18 6.63 -190.76	262.87 9.59 -142.09	214.20 9.26 -95.17	86.60 6.25 -6.19	72.56 5.00 0.00	78.99 5.19 0.00
CALPINE BETH_PAGE_GT4 24209	88.78 4.10 -14.93	69.44 3.42 -7.47	66.43 3.14 -2.81	101.43 4.74 -9.14	134.00 6.76 -7.44	127.87 5.53 -31.64	125.76 6.00 -29.58	133.26 8.12 -1.19	204.79 12.34 0.00	197.60 14.35 0.00	206.50 13.30 0.00	229.82 15.32 0.00	283.66 17.66 0.00	160.45 9.50 0.00	118.26 7.63 0.00	101.00 3.93 -46.97	166.88 4.12 -106.60	129.89 4.19 -68.56	75.66 5.14 -0.73	118.82 7.47 -0.17	132.97 7.16 -16.03	85.02 4.67 -6.19	71.42 3.86 0.00	77.73 3.92 0.00
CALPINE_BETH_PAGE_GT_4 323586	88.78 4.09 -14.93	69.44 3.42 -7.47	66.43 3.14 -2.81	101.43 4.73 -9.14	134.00 6.76 -7.44	127.86 5.52 -31.64	125.76 6.00 -29.58	133.24 8.10 -1.19	204.79 12.34 0.00	197.59 14.34 0.00	206.47 13.26 0.00	229.82 15.32 0.00	283.66 17.66 0.00	160.45 9.50 0.00	118.26 7.63 0.00	101.00 3.93 -46.98	166.87 4.12 -106.60	129.90 4.19 -68.57	75.66 5.13 -0.73	118.82 7.47 -0.17	132.97 7.16 -16.03	85.04 4.68 -6.19	71.41 3.86 0.00	77.72 3.91 0.00
CALPINE_BP_GT1 23823	88.78 4.09 -14.93	69.44 3.42 -7.47	66.43 3.14 -2.81	101.43 4.73 -9.14	134.00 6.76 -7.44	127.86 5.52 -31.64	125.76 6.00 -29.58	133.24 8.10 -1.19	204.79 12.34 0.00	197.59 14.34 0.00	206.47 13.26 0.00	229.82 15.32 0.00	283.66 17.66 0.00	160.45 9.50 0.00	118.26 7.63 0.00	101.00 3.93 -46.98	166.87 4.12 -106.60	129.90 4.19 -68.57	75.66 5.13 -0.73	118.82 7.47 -0.17	132.97 7.16 -16.03	85.04 4.68 -6.19	71.41 3.86 0.00	77.72 3.91 0.00
CALSPAN___DRP 24200	65.25 -4.51 0.00	54.76 -3.79 0.00	56.52 -3.97 0.00	81.30 -6.26 0.00	111.13 -8.66 0.00	84.37 -6.33 0.00	83.20 -6.98 0.00	113.38 -10.58 0.00	178.02 -14.43 0.00	166.85 -13.67 2.74	177.48 -15.72 0.00	199.13 -15.38 0.00	246.95 -19.05 0.00	138.82 -12.13 0.00	101.14 -9.48 0.00	46.01 -4.07 0.00	51.02 -4.78 0.36	52.48 -4.65 0.00	56.61 -5.83 7.34	70.51 -12.42 28.25	64.35 -12.07 33.36	49.12 -7.88 17.17	52.87 -7.00 7.69	64.63 -7.38 1.81

CHESTROR_138KV_BK263 355645	72.04 2.29 0.00	60.54 1.99 0.00	62.23 1.75 0.00	90.16 2.60 0.00	123.56 3.76 0.00	93.77 3.08 0.00	93.46 3.29 0.00	128.29 4.34 0.00	199.83 7.38 0.00	192.24 8.99 0.00	202.07 8.87 0.00	224.91 10.40 0.00	277.74 11.74 0.00	157.05 6.10 0.00	115.51 4.88 0.00	52.71 2.46 -0.15	58.68 2.53 0.00	59.86 2.72 0.00	73.14 3.35 0.00	116.05 4.87 0.00	114.38 4.60 0.00	80.01 2.77 -3.08	69.98 2.42 0.00	76.08 2.27 0.00
CH_MIDHUDSON___DRP 24192	73.12 3.36 0.00	61.40 2.85 0.00	63.13 2.65 0.00	91.42 3.87 0.00	125.28 5.49 0.00	95.07 4.37 0.00	94.82 4.64 0.00	130.15 6.19 0.00	202.72 10.27 0.00	195.08 11.83 0.00	205.14 11.95 0.00	228.29 13.78 0.00	281.78 15.77 0.00	159.32 8.37 0.00	117.23 6.60 0.00	53.52 3.26 -0.17	59.56 3.40 0.00	60.77 3.63 0.00	74.22 4.43 0.00	117.78 6.60 0.00	116.03 6.25 0.00	81.59 3.90 -3.52	70.97 3.41 0.00	77.15 3.34 0.00
CH_MISC_IPPS 23765	73.42 3.67 0.00	61.66 3.11 0.00	63.38 2.89 0.00	91.80 4.24 0.00	125.77 5.98 0.00	95.49 4.79 0.00	95.27 5.10 0.00	130.82 6.86 0.00	203.85 11.40 0.00	196.23 12.97 0.00	206.30 13.10 0.00	229.65 15.14 0.00	283.52 17.52 0.00	160.26 9.31 0.00	117.88 7.25 0.00	53.81 3.56 -0.17	59.89 3.73 0.00	61.12 3.98 0.00	74.65 4.86 0.00	118.41 7.23 0.00	116.63 6.85 0.00	81.88 4.27 -3.44	71.26 3.71 0.00	77.43 3.62 0.00
CH_RES_BVR_FALLS 23983	69.64 -0.11 0.00	58.37 -0.18 0.00	60.38 -0.10 0.00	87.09 -0.46 0.00	118.84 -0.95 0.00	89.93 -0.77 0.00	89.47 -0.70 0.00	123.29 -0.67 0.00	190.49 -1.96 0.00	179.96 -3.29 0.00	189.56 -3.64 0.00	210.42 -4.09 0.00	262.65 -3.35 0.00	150.16 -0.79 0.00	109.92 -0.71 0.00	49.54 -0.55 0.00	55.67 -0.49 0.00	56.53 -0.61 0.00	69.00 -0.79 0.00	110.49 -0.69 0.00	109.41 -0.36 0.00	74.04 -0.12 0.00	67.50 -0.06 0.00	73.97 0.16 0.00
CH_RES_NIAGARA 23895	62.93 -6.82 0.00	53.04 -5.51 0.00	54.97 -5.52 0.00	78.91 -8.64 0.00	107.78 -12.01 0.00	81.85 -8.85 0.00	80.28 -9.90 0.00	108.98 -14.97 0.00	171.41 -21.03 0.00	161.02 -19.92 2.31	170.71 -22.49 0.00	191.82 -22.69 0.00	237.81 -28.19 0.00	133.88 -17.07 0.00	97.27 -13.36 0.00	44.37 -5.72 0.00	49.34 -6.52 0.30	50.61 -6.53 0.00	55.59 -8.12 6.09	72.33 -16.06 22.80	66.57 -15.58 27.62	49.52 -10.26 14.38	52.53 -8.96 6.08	62.85 -9.43 1.53
CH_RES_SYRACUSE 23985	67.69 -2.06 0.00	56.85 -1.69 0.00	58.62 -1.87 0.00	84.66 -2.90 0.00	115.85 -3.95 0.00	87.90 -2.80 0.00	87.40 -2.78 0.00	120.01 -3.95 0.00	187.00 -5.46 0.00	178.45 -4.81 0.00	187.94 -5.26 0.00	209.26 -5.24 0.00	259.17 -6.84 0.00	146.69 -4.26 0.00	107.54 -3.09 0.00	48.87 -1.24 -0.02	54.67 -1.49 0.00	55.70 -1.44 0.00	68.06 -1.73 0.00	107.74 -3.42 0.03	105.66 -3.64 0.48	71.57 -2.59 0.00	65.13 -2.42 0.00	70.99 -2.82 0.00
CLINTON_WT_PWR 323605	71.21 1.46 0.00	59.72 1.17 0.00	61.73 1.25 0.00	89.41 1.86 0.00	122.15 2.36 0.00	92.39 1.70 0.00	91.83 1.65 0.00	125.76 1.81 0.00	193.90 1.45 0.00	183.09 -0.16 0.00	191.00 -2.20 0.00	211.54 -2.97 0.00	264.48 -1.52 0.00	150.84 -0.11 0.00	109.89 -0.73 0.00	48.89 -1.20 0.00	54.92 -1.24 0.00	55.62 -1.52 0.00	67.81 -1.98 0.00	108.62 -2.56 0.00	107.58 -2.20 0.00	73.04 -1.12 0.00	66.92 -0.64 0.00	73.80 -0.01 0.00
CLINTON___LFGE 323618	72.80 3.05 0.00	60.99 2.45 0.00	63.01 2.53 0.00	91.19 3.63 0.00	124.42 4.63 0.00	94.11 3.42 0.00	93.55 3.37 0.00	127.74 3.79 0.00	196.99 4.54 0.00	186.27 3.02 0.00	194.08 0.88 0.00	215.04 0.53 0.00	268.76 2.75 0.00	153.28 2.33 0.00	111.90 1.27 0.00	49.83 -0.26 0.00	55.94 -0.22 0.00	56.66 -0.48 0.00	69.11 -0.68 0.00	110.60 -0.58 0.00	109.47 -0.31 0.00	74.19 0.02 0.00	67.87 0.31 0.00	74.92 1.11 0.00
COBBLENY_34_KV_TB1 80064	65.80 -3.95 0.00	55.19 -3.36 0.00	56.99 -3.50 0.00	81.98 -5.58 0.00	112.06 -7.74 0.00	85.12 -5.57 0.00	83.96 -6.22 0.00	114.43 -9.52 0.00	179.73 -12.72 0.00	168.42 -11.90 2.93	179.38 -13.82 0.00	201.24 -13.27 0.00	249.41 -16.59 0.00	140.19 -10.76 0.00	102.11 -8.52 0.00	46.43 -3.65 0.01	51.40 -4.37 0.39	52.97 -4.17 0.00	57.17 -5.21 7.40	73.96 -11.36 25.86	66.48 -11.07 32.23	48.97 -7.25 17.95	54.63 -6.42 6.51	65.09 -6.78 1.94
COFFEEN___115KV_TB3 355620	73.11 3.36 0.00	60.87 2.33 0.00	62.60 2.11 0.00	89.89 2.34 0.00	122.89 3.09 0.00	92.28 1.58 0.00	91.73 1.56 0.00	126.86 2.91 0.00	196.70 4.25 0.00	186.84 3.59 0.00	197.10 3.90 0.00	219.83 5.32 0.00	273.85 7.85 0.00	157.19 6.23 0.00	115.71 5.08 0.00	52.45 2.35 -0.01	58.30 2.14 0.00	58.50 1.36 0.00	71.56 1.77 0.00	113.65 2.46 0.00	112.96 3.18 0.00	75.77 1.61 0.00	67.98 0.41 0.00	73.62 -0.19 0.00
COLDSPRG_115KV_BK1 355956	66.87 -2.88 0.00	56.06 -2.48 0.00	57.83 -2.66 0.00	83.84 -3.72 0.00	114.50 -5.29 0.00	86.69 -4.00 0.00	85.67 -4.51 0.00	117.07 -6.89 0.00	183.25 -9.21 0.00	171.33 -8.61 3.31	182.90 -10.30 0.00	205.54 -8.97 0.00	254.79 -11.21 0.00	143.02 -7.93 0.00	104.23 -6.40 0.00	47.04 -3.05 0.01	52.07 -3.66 0.43	53.90 -3.23 0.00	58.38 -3.88 7.53	80.86 -8.77 21.56	70.83 -8.65 30.30	49.58 -5.94 18.64	57.77 -5.42 4.37	65.80 -5.82 2.19
COLONIE_LFGE___ 323577	73.32 3.56 0.00	61.69 3.15 0.00	63.56 3.08 0.00	92.00 4.44 0.00	125.89 6.10 0.00	95.28 4.59 0.00	94.64 4.47 0.00	129.32 5.37 0.00	201.11 8.66 0.00	192.98 9.72 0.00	203.30 10.10 0.00	226.00 11.48 0.00	279.47 13.47 0.00	158.38 7.43 0.00	116.52 5.89 0.00	53.13 2.83 -0.21	59.15 3.00 0.00	60.26 3.12 0.00	73.59 3.80 0.00	117.08 5.89 0.00	115.37 5.59 0.00	107.58 3.79 -29.62	71.02 3.46 0.00	77.39 3.59 0.00
COOPERNY_115KV_TB1 80082	71.34 1.58 0.00	59.95 1.41 0.00	61.70 1.21 0.00	89.37 1.81 0.00	122.41 2.62 0.00	92.79 2.10 0.00	92.45 2.27 0.00	126.93 2.97 0.00	197.59 5.14 0.00	189.64 6.39 0.00	199.40 6.20 0.00	221.84 7.33 0.00	274.11 8.11 0.00	155.14 4.18 0.00	114.03 3.40 0.00	51.97 1.76 -0.13	57.93 1.77 0.00	59.06 1.92 0.00	72.13 2.35 0.00	114.56 3.38 0.00	112.91 3.13 0.00	78.56 1.85 -2.55	69.16 1.60 0.00	75.26 1.46 0.00
COPENHAGEN_WT_PWR 323753	71.98 2.23 0.00	59.87 1.33 0.00	61.52 1.03 0.00	88.17 0.61 0.00	120.40 0.61 0.00	90.12 -0.58 0.00	89.35 -0.83 0.00	123.48 -0.47 0.00	191.42 -1.03 0.00	181.85 -1.41 0.00	191.85 -1.35 0.00	214.45 -0.06 0.00	267.20 1.20 0.00	153.85 2.90 0.00	113.44 2.81 0.00	51.46 1.36 -0.01	56.99 0.84 0.00	56.98 -0.16 0.00	69.65 -0.14 0.00	110.89 -0.30 0.00	110.49 0.71 0.00	74.12 -0.04 0.00	66.51 -1.05 0.00	71.95 -1.86 0.00
CORNELL_____ 23752	70.11 0.36 0.00	58.79 0.24 0.00	60.54 0.06 0.00	87.34 -0.22 0.00	119.45 -0.35 0.00	90.75 0.06 0.00	90.31 0.13 0.00	123.96 0.00 0.00	193.46 1.01 0.00	197.06 1.19 -12.61	194.19 0.99 0.00	216.19 1.68 0.00	267.99 1.99 0.00	151.46 0.51 0.00	111.08 0.45 0.00	50.70 0.41 -0.20	58.20 0.39 -1.65	57.70 0.55 -0.01	96.52 0.82 -25.91	168.12 0.53 -56.41	200.51 0.24 -90.49	146.49 -0.20 -72.53	73.92 -0.35 -6.71	81.40 -0.75 -8.34

FPL FAR_ROCK_GT2 23815	89.50 4.81 -14.93	70.05 4.03 -7.47	67.03 3.73 -2.81	102.30 5.60 -9.14	134.70 7.46 -7.44	128.34 6.00 -31.64	126.06 6.30 -29.58	133.73 8.59 -1.19	206.05 13.59 0.00	198.52 15.26 0.00	208.15 14.96 0.00	231.62 17.11 0.00	285.92 19.92 0.00	161.59 10.64 0.00	118.98 8.35 0.00	101.45 4.39 -46.98	162.41 4.42 -101.83	130.63 4.92 -68.57	76.44 5.92 -0.73	120.07 8.72 -0.17	133.76 7.95 -16.03	85.62 5.26 -6.19	72.24 4.68 0.00	78.53 4.72 0.00
FRANKLIN_FALL_HYD 24054	72.96 3.21 0.00	61.07 2.52 0.00	63.12 2.63 0.00	91.28 3.73 0.00	124.62 4.83 0.00	94.37 3.68 0.00	93.78 3.60 0.00	128.88 4.92 0.00	198.84 6.39 0.00	187.63 4.38 0.00	196.12 2.92 0.00	217.33 2.83 0.00	271.52 5.52 0.00	154.81 3.86 0.00	112.69 2.06 0.00	50.16 0.07 0.00	56.32 0.16 0.00	57.03 -0.11 0.00	69.57 -0.21 0.00	111.51 0.32 0.00	110.51 0.74 0.00	75.01 0.84 0.00	68.57 1.01 0.00	75.52 1.71 0.00
FREEPORT_EQUS_GT1 23764	89.15 4.46 -14.93	69.62 3.60 -7.47	66.53 3.23 -2.81	101.59 4.89 -9.14	134.21 6.97 -7.44	128.00 5.66 -31.64	125.81 6.05 -29.58	133.38 8.24 -1.19	205.16 12.71 0.00	197.74 14.49 0.00	206.80 13.59 0.00	229.73 15.22 0.00	283.62 17.62 0.00	160.31 9.36 0.00	118.16 7.53 0.00	100.93 3.86 -46.98	164.58 4.09 -104.34	129.97 4.27 -68.57	75.78 5.26 -0.73	119.21 7.85 -0.17	133.30 7.49 -16.03	85.22 4.86 -6.19	71.72 4.16 0.00	78.16 4.35 0.00
FREEPORT___CT2 23818	89.15 4.46 -14.93	69.62 3.60 -7.47	66.53 3.23 -2.81	101.59 4.89 -9.14	134.21 6.97 -7.44	128.00 5.66 -31.64	125.81 6.05 -29.58	133.38 8.24 -1.19	205.16 12.71 0.00	197.74 14.49 0.00	206.80 13.59 0.00	229.73 15.22 0.00	283.62 17.62 0.00	160.31 9.36 0.00	118.16 7.53 0.00	100.93 3.86 -46.98	164.58 4.09 -104.34	129.97 4.27 -68.57	75.78 5.26 -0.73	119.21 7.85 -0.17	133.30 7.49 -16.03	85.22 4.86 -6.19	71.72 4.16 0.00	78.16 4.35 0.00
FRESHKLS_33_KV_LOAD 356253	72.88 3.12 0.00	61.19 2.64 0.00	62.87 2.38 0.00	90.99 3.44 0.00	124.80 5.01 0.00	94.96 4.26 0.00	94.87 4.69 0.00	130.48 6.53 0.00	203.80 11.34 0.00	196.55 13.30 0.00	205.49 12.29 0.00	229.27 14.76 0.00	282.31 16.31 0.00	159.77 8.82 0.00	117.80 7.17 0.00	55.86 3.63 -2.13	58.28 3.58 1.46	56.33 3.76 4.58	67.26 4.77 7.30	107.70 6.69 10.16	112.33 6.19 3.64	81.22 3.72 -3.34	70.85 3.29 0.00	77.03 3.22 0.00
FULTON COGEN____ 23766	67.12 -2.63 0.00	56.35 -2.19 0.00	58.04 -2.45 0.00	83.90 -3.66 0.00	114.79 -5.01 0.00	87.02 -3.67 0.00	86.52 -3.66 0.00	118.95 -5.01 0.00	185.32 -7.13 0.00	176.87 -6.38 0.00	186.29 -6.91 0.00	207.44 -7.07 0.00	256.95 -9.05 0.00	145.50 -5.45 0.00	106.66 -3.97 0.00	48.46 -1.64 -0.02	54.22 -1.94 0.00	55.22 -1.91 0.00	67.45 -2.34 0.00	106.78 -4.42 -0.01	105.45 -4.53 -0.20	70.95 -3.21 0.00	64.53 -3.03 0.00	70.41 -3.40 0.00
FULTON___LFGE 323630	74.65 4.89 0.00	62.47 3.93 0.00	64.28 3.80 0.00	92.90 5.34 0.00	127.33 7.54 0.00	96.63 5.93 0.00	96.30 6.13 0.00	132.30 8.35 0.00	205.77 13.32 0.00	196.13 12.87 0.00	206.35 13.15 0.00	229.42 14.91 0.00	284.92 18.92 0.00	161.87 10.92 0.00	118.81 8.18 0.00	54.08 3.76 -0.23	60.38 4.23 0.00	61.61 4.48 0.00	75.25 5.46 0.00	119.42 8.24 0.00	117.47 7.69 0.00	114.27 4.93 -35.18	71.77 4.21 0.00	78.08 4.27 0.00
G.F.CEMENT___DRP 24184	75.09 5.33 0.00	62.98 4.44 0.00	64.95 4.46 0.00	94.12 6.57 0.00	129.03 9.24 0.00	98.04 7.34 0.00	97.61 7.43 0.00	133.22 9.26 0.00	207.49 15.04 0.00	199.43 16.17 0.00	209.95 16.75 0.00	232.74 18.24 0.00	286.88 20.88 0.00	162.27 11.32 0.00	119.31 8.67 0.00	54.26 3.96 -0.21	60.41 4.25 0.00	61.81 4.67 0.00	75.37 5.58 0.00	119.83 8.65 0.00	118.00 8.22 0.00	115.93 6.18 -35.59	73.32 5.76 0.00	79.63 5.82 0.00
GARDENVILLE___LBMP 24039	65.02 -4.73 0.00	54.58 -3.97 0.00	56.33 -4.15 0.00	81.08 -6.47 0.00	110.82 -8.97 0.00	84.12 -6.58 0.00	82.91 -7.26 0.00	112.95 -11.00 0.00	177.35 -15.10 0.00	166.23 -14.28 2.74	176.73 -16.46 0.00	198.32 -16.19 0.00	245.88 -20.12 0.00	138.23 -12.72 0.00	100.71 -9.92 0.00	45.79 -4.29 0.00	50.81 -4.99 0.36	52.27 -4.86 0.01	56.08 -6.06 7.64	67.47 -12.77 30.94	61.91 -12.41 35.45	48.56 -8.14 17.47	51.60 -7.22 8.74	64.36 -7.63 1.81
GARDNVLA_35_KV_LD 355827	65.34 -4.41 0.00	54.82 -3.73 0.00	56.58 -3.91 0.00	81.37 -6.19 0.00	111.22 -8.58 0.00	84.48 -6.22 0.00	83.31 -6.87 0.00	113.56 -10.39 0.00	178.39 -14.07 0.00	167.20 -13.32 2.73	177.83 -15.37 0.00	199.47 -15.04 0.00	247.39 -18.62 0.00	139.06 -11.89 0.00	101.32 -9.31 0.00	46.11 -3.97 0.00	51.13 -4.66 0.36	52.59 -4.54 0.00	56.87 -5.72 7.20	71.83 -12.25 27.10	65.43 -11.92 32.42	49.34 -7.79 17.03	53.35 -6.91 7.30	64.70 -7.29 1.81
GELCKHM___115KV_LOAD 80723	67.42 -2.33 0.00	56.62 -1.92 0.00	58.38 -2.11 0.00	84.35 -3.21 0.00	115.45 -4.35 0.00	87.54 -3.15 0.00	87.05 -3.13 0.00	119.51 -4.44 0.00	186.23 -6.23 0.00	177.79 -5.47 0.00	187.20 -5.99 0.00	208.49 -6.02 0.00	258.26 -7.74 0.00	146.18 -4.77 0.00	107.13 -3.50 0.00	48.67 -1.43 -0.02	54.46 -1.70 0.00	55.47 -1.67 0.00	67.75 -2.04 0.00	107.19 -3.94 0.05	104.86 -4.09 0.83	71.26 -2.90 0.00	64.86 -2.70 0.00	70.70 -3.10 0.00
GENERAL___MILLS 23808	65.25 -4.51 0.00	54.76 -3.79 0.00	56.52 -3.97 0.00	81.30 -6.26 0.00	111.13 -8.66 0.00	84.37 -6.33 0.00	83.20 -6.98 0.00	113.38 -10.58 0.00	178.02 -14.43 0.00	166.85 -13.67 2.74	177.48 -15.72 0.00	199.13 -15.38 0.00	246.95 -19.05 0.00	138.82 -12.13 0.00	101.14 -9.48 0.00	46.01 -4.07 0.00	51.02 -4.78 0.36	52.48 -4.65 0.00	56.61 -5.83 7.34	70.51 -12.42 28.25	64.35 -12.07 33.36	49.12 -7.88 17.17	52.87 -7.00 7.69	64.63 -7.38 1.81
GE_PLASTICS___DRP 24183	72.22 2.47 0.00	60.79 2.25 0.00	62.64 2.16 0.00	90.69 3.13 0.00	124.09 4.30 0.00	93.72 3.02 0.00	92.90 2.72 0.00	127.08 3.13 0.00	197.64 5.19 0.00	189.44 6.18 0.00	199.47 6.27 0.00	221.70 7.19 0.00	274.13 8.13 0.00	155.36 4.41 0.00	114.22 3.59 0.00	52.06 1.77 -0.20	57.97 1.82 0.00	58.99 1.85 0.00	72.05 2.26 0.00	114.66 3.47 0.00	113.06 3.28 0.00	89.36 2.19 -13.00	69.57 2.01 0.00	76.11 2.31 0.00
GILBOA___1 23756	71.73 1.98 0.00	60.54 1.99 0.00	62.36 1.87 0.00	90.26 2.70 0.00	123.52 3.73 0.00	92.96 2.26 0.00	92.39 2.20 0.00	126.57 2.61 0.00	196.71 4.26 0.00	188.65 5.40 0.00	198.45 5.25 0.00	220.51 6.00 0.00	272.33 6.33 0.00	154.56 3.61 0.00	113.91 3.28 0.00	51.91 1.66 -0.16	57.86 1.70 0.00	58.90 1.76 0.00	71.92 2.14 0.00	114.37 3.19 0.01	112.62 2.99 0.14	78.11 1.88 -2.07	69.21 1.65 0.00	75.43 1.62 0.00
GILBOA___2 23757	71.73 1.98 0.00	60.54 1.99 0.00	62.36 1.87 0.00	90.26 2.70 0.00	123.52 3.73 0.00	92.96 2.26 0.00	92.39 2.20 0.00	126.57 2.61 0.00	196.71 4.26 0.00	188.65 5.40 0.00	198.45 5.25 0.00	220.51 6.00 0.00	272.33 6.33 0.00	154.56 3.61 0.00	113.91 3.28 0.00	51.91 1.66 -0.16	57.86 1.70 0.00	58.90 1.76 0.00	71.92 2.14 0.00	114.37 3.19 0.01	112.62 2.99 0.14	78.11 1.88 -2.07	69.21 1.65 0.00	75.43 1.62 0.00

GILBOA___3 23758	71.73 1.98 0.00	60.54 1.99 0.00	62.36 1.87 0.00	90.26 2.70 0.00	123.52 3.73 0.00	92.96 2.26 0.00	92.39 2.20 0.00	126.57 2.61 0.00	196.71 4.26 0.00	188.65 5.40 0.00	198.45 5.25 0.00	220.51 6.00 0.00	272.33 6.33 0.00	154.56 3.61 0.00	113.91 3.28 0.00	51.91 1.66 -0.16	57.86 1.70 0.00	58.90 1.76 0.00	71.92 2.14 0.00	114.37 3.19 0.01	112.62 2.99 0.14	78.11 1.88 -2.07	69.21 1.65 0.00	75.43 1.62 0.00
GILBOA___4 23759	71.73 1.98 0.00	60.54 1.99 0.00	62.36 1.87 0.00	90.26 2.70 0.00	123.52 3.73 0.00	92.96 2.26 0.00	92.39 2.20 0.00	126.57 2.61 0.00	196.71 4.26 0.00	188.65 5.40 0.00	198.45 5.25 0.00	220.51 6.00 0.00	272.33 6.33 0.00	154.56 3.61 0.00	113.91 3.28 0.00	51.91 1.66 -0.16	57.86 1.70 0.00	58.90 1.76 0.00	71.92 2.14 0.00	114.37 3.19 0.01	112.62 2.99 0.14	78.11 1.88 -2.07	69.21 1.65 0.00	75.43 1.62 0.00
GILBOA___ 23599	71.73 1.98 0.00	60.53 1.99 0.00	62.35 1.87 0.00	90.26 2.70 0.00	123.52 3.73 0.00	92.96 2.26 0.00	92.39 2.21 0.00	126.57 2.61 0.00	196.71 4.26 0.00	188.67 5.42 0.00	198.45 5.25 0.00	220.52 6.01 0.00	272.34 6.33 0.00	154.56 3.61 0.00	113.92 3.29 0.00	51.91 1.66 -0.16	57.86 1.70 0.00	58.91 1.77 0.00	71.92 2.14 0.00	114.39 3.21 0.01	112.62 2.98 0.14	78.11 1.87 -2.07	69.22 1.66 0.00	75.44 1.63 0.00
GINNA___ 23603	64.05 -5.71 0.00	53.82 -4.73 0.00	55.54 -4.95 0.00	80.03 -7.53 0.00	109.58 -10.21 0.00	83.26 -7.44 0.00	82.75 -7.43 0.00	113.40 -10.55 0.00	177.29 -15.16 0.00	167.97 -14.24 1.05	177.39 -15.81 0.00	198.12 -16.39 0.00	245.52 -20.48 0.00	138.71 -12.24 0.00	101.28 -9.36 0.00	46.06 -4.04 -0.01	51.42 -4.60 0.14	52.60 -4.54 0.00	61.69 -5.67 2.43	93.08 -10.75 7.35	87.79 -10.88 11.11	60.55 -7.40 6.21	59.30 -6.70 1.56	65.81 -7.30 0.69
GLEN PARK___ 23778	72.98 3.23 0.00	60.76 2.21 0.00	62.48 1.99 0.00	89.72 2.16 0.00	122.60 2.81 0.00	92.06 1.37 0.00	91.49 1.32 0.00	126.51 2.56 0.00	196.19 3.74 0.00	186.32 3.07 0.00	196.55 3.35 0.00	219.23 4.72 0.00	273.09 7.09 0.00	156.80 5.85 0.00	115.48 4.85 0.00	52.34 2.24 -0.01	58.15 2.00 0.00	58.34 1.20 0.00	71.35 1.56 0.00	113.40 2.21 0.00	112.69 2.92 0.00	75.58 1.42 0.00	67.84 0.28 0.00	73.46 -0.35 0.00
GLENDALE_27_KV_LOAD 356172	73.20 3.45 0.00	61.46 2.91 0.00	63.10 2.61 0.00	91.36 3.80 0.00	125.21 5.41 0.00	95.30 4.60 0.00	95.36 5.18 0.00	131.25 7.30 0.00	205.00 12.55 0.00	197.65 14.39 0.00	207.08 13.88 0.00	230.46 15.94 0.00	283.84 17.84 0.00	160.32 9.37 0.00	117.99 7.36 0.00	53.88 3.62 -0.17	60.25 3.73 -0.37	62.30 4.02 -1.15	76.56 4.88 -1.90	120.91 7.17 -2.55	117.57 6.87 -0.91	81.78 4.28 -3.34	71.32 3.76 0.00	77.47 3.66 0.00
GLENWOOD_IC_1_G5 23712	88.95 4.27 -14.93	69.59 3.57 -7.47	66.58 3.28 -2.81	101.63 4.93 -9.14	134.27 7.03 -7.44	128.06 5.72 -31.64	125.91 6.15 -29.58	133.56 8.42 -1.19	205.68 13.23 0.00	198.28 15.02 0.00	207.51 14.31 0.00	231.09 16.57 0.00	285.15 19.15 0.00	161.20 10.25 0.00	118.82 8.19 0.00	101.22 4.16 -46.97	163.92 4.38 -103.39	130.25 4.55 -68.56	76.05 5.52 -0.73	119.47 8.11 -0.17	133.56 7.76 -16.03	85.34 4.99 -6.19	71.77 4.21 0.00	78.06 4.25 0.00
GLENWOOD_IC_2_G1 23688	89.06 4.37 -14.93	69.66 3.64 -7.47	66.65 3.35 -2.81	101.74 5.05 -9.14	134.37 7.14 -7.44	128.15 5.81 -31.64	125.97 6.21 -29.58	133.63 8.49 -1.19	205.72 13.27 0.00	198.32 15.07 0.00	207.64 14.44 0.00	231.24 16.73 0.00	285.35 19.35 0.00	161.29 10.33 0.00	118.85 8.22 0.00	101.24 4.17 -46.98	162.69 4.39 -102.14	130.30 4.59 -68.57	76.08 5.56 -0.73	119.54 8.19 -0.17	133.66 7.85 -16.03	85.40 5.04 -6.19	71.84 4.28 0.00	78.13 4.33 0.00
GLENWOOD_IC_3_G1 23689	89.06 4.37 -14.93	69.66 3.64 -7.47	66.65 3.35 -2.81	101.74 5.05 -9.14	134.37 7.14 -7.44	128.15 5.81 -31.64	125.97 6.21 -29.58	133.63 8.49 -1.19	205.72 13.27 0.00	198.32 15.07 0.00	207.64 14.44 0.00	231.24 16.73 0.00	285.35 19.35 0.00	161.29 10.33 0.00	118.85 8.22 0.00	101.24 4.17 -46.98	162.69 4.39 -102.14	130.30 4.59 -68.57	76.08 5.56 -0.73	119.54 8.19 -0.17	133.66 7.85 -16.03	85.40 5.04 -6.19	71.84 4.28 0.00	78.13 4.33 0.00
GLENWOOD___4 23550	89.07 4.38 -14.93	69.66 3.64 -7.47	66.65 3.35 -2.81	101.77 5.07 -9.14	134.45 7.21 -7.44	128.16 5.82 -31.64	126.02 6.26 -29.58	133.74 8.59 -1.19	205.92 13.47 0.00	198.51 15.25 0.00	207.72 14.52 0.00	231.39 16.88 0.00	285.51 19.50 0.00	161.41 10.46 0.00	118.94 8.31 0.00	101.28 4.22 -46.97	163.99 4.44 -103.39	130.33 4.62 -68.56	76.12 5.60 -0.73	119.59 8.23 -0.17	133.70 7.89 -16.03	85.44 5.08 -6.19	71.86 4.30 0.00	78.15 4.34 0.00
GLENWOOD___5 23614	89.07 4.38 -14.93	69.66 3.64 -7.47	66.65 3.35 -2.81	101.77 5.07 -9.14	134.45 7.21 -7.44	128.16 5.82 -31.64	126.02 6.26 -29.58	133.74 8.59 -1.19	205.92 13.47 0.00	198.51 15.25 0.00	207.72 14.52 0.00	231.39 16.88 0.00	285.51 19.50 0.00	161.41 10.46 0.00	118.94 8.31 0.00	101.28 4.22 -46.97	163.99 4.44 -103.39	130.33 4.62 -68.56	76.12 5.60 -0.73	119.59 8.23 -0.17	133.70 7.89 -16.03	85.44 5.08 -6.19	71.86 4.30 0.00	78.15 4.34 0.00
GLOBAL GREEN_PORT_GT1 23814	91.77 7.06 -14.96	72.92 6.90 -7.47	69.68 6.38 -2.81	105.77 9.07 -9.14	139.52 12.28 -7.44	131.16 8.83 -31.64	128.78 9.02 -29.58	147.07 11.97 -11.15	209.96 17.48 -0.03	258.77 17.49 -58.03	230.02 12.14 -24.69	230.53 15.93 -0.09	289.29 23.29 -0.01	177.11 12.54 -13.62	263.10 8.84 -143.63	299.73 5.80 -243.84	256.51 6.07 -194.28	255.36 5.78 -192.44	270.36 6.83 -193.74	262.72 7.21 -144.32	213.07 6.88 -96.41	86.34 5.99 -6.19	72.29 4.74 0.00	78.69 4.88 0.00
GLOBE___DSASP 323697	62.83 -6.92 0.00	52.96 -5.59 0.00	54.91 -5.58 0.00	78.83 -8.72 0.00	107.69 -12.11 0.00	81.77 -8.92 0.00	80.14 -10.04 0.00	108.84 -15.12 0.00	171.14 -21.31 0.00	160.74 -20.21 2.30	170.49 -22.71 0.00	191.50 -23.01 0.00	237.39 -28.61 0.00	133.71 -17.24 0.00	97.12 -13.51 0.00	44.31 -5.78 0.00	49.24 -6.61 0.30	50.52 -6.62 0.00	55.50 -8.23 6.06	72.33 -16.16 22.69	66.57 -15.69 27.51	49.49 -10.34 14.33	52.47 -9.04 6.04	62.75 -9.54 1.52
GOETHSLN___LBMP 323567	72.40 2.65 0.00	60.79 2.25 0.00	62.43 1.94 0.00	90.36 2.80 0.00	123.90 4.11 0.00	94.22 3.52 0.00	94.14 3.96 0.00	129.48 5.52 0.00	201.90 9.45 0.00	194.55 11.29 0.00	201.70 10.89 2.39	226.74 12.57 0.34	264.92 13.95 15.03	158.01 7.06 0.00	116.38 5.75 0.00	53.19 2.94 -0.17	59.12 2.97 0.00	60.38 3.24 0.00	73.72 3.93 0.00	116.89 5.71 0.00	115.24 5.46 0.00	80.79 3.29 -3.34	70.44 2.88 0.00	76.51 2.71 0.00
GOLAH___69_KV_TB 1_2 80279	66.93 -2.83 0.00	56.23 -2.31 0.00	58.02 -2.47 0.00	83.52 -4.04 0.00	114.28 -5.51 0.00	86.90 -3.80 0.00	86.14 -4.04 0.00	117.89 -6.06 0.00	184.57 -7.88 0.00	174.62 -7.24 1.39	184.44 -8.76 0.00	206.36 -8.15 0.00	255.56 -10.44 0.00	144.22 -6.73 0.00	105.11 -5.52 0.00	47.84 -2.25 -0.01	53.39 -2.59 0.18	54.73 -2.41 0.00	63.67 -3.05 3.07	95.32 -7.20 8.66	89.26 -7.25 13.27	61.21 -4.85 8.11	61.48 -4.32 1.76	68.25 -4.64 0.92

GOODYEAR_LAKE_HYD 323669	72.26 2.51 0.00	60.59 2.04 0.00	62.39 1.91 0.00	90.18 2.62 0.00	123.49 3.70 0.00	93.54 2.84 0.00	93.18 3.00 0.00	127.99 4.04 0.00	199.24 6.79 0.00	190.39 7.13 0.00	200.37 7.17 0.00	222.85 8.34 0.00	276.17 10.17 0.00	156.61 5.66 0.00	115.01 4.38 0.00	52.24 2.10 -0.05	58.46 2.30 0.00	59.57 2.43 0.00	72.79 3.00 0.00	115.44 4.27 0.02	113.37 3.86 0.26	87.26 2.25 -10.85	69.37 1.81 0.00	75.47 1.67 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	68.99 -0.76 0.00	57.84 -0.71 0.00	59.67 -0.81 0.00	86.27 -1.28 0.00	117.91 -1.89 0.00	89.44 -1.26 0.00	88.79 -1.39 0.00	121.76 -2.20 0.00	189.97 -2.48 0.00	179.81 -1.90 1.54	191.25 -1.95 0.00	213.11 -1.40 0.00	264.10 -1.90 0.00	149.02 -1.93 0.00	109.34 -1.29 0.00	49.64 -0.48 -0.04	55.25 -0.70 0.20	56.52 -0.62 0.00	66.18 -0.77 2.84	105.35 -1.87 3.96	98.27 -2.12 9.39	65.70 -1.59 6.87	66.43 -1.47 -0.34	70.90 -1.89 1.02
GOUDEY___7 23579	68.99 -0.76 0.00	57.84 -0.71 0.00	59.67 -0.81 0.00	86.27 -1.28 0.00	117.91 -1.89 0.00	89.44 -1.26 0.00	88.79 -1.39 0.00	121.76 -2.20 0.00	189.97 -2.48 0.00	179.81 -1.90 1.54	191.25 -1.95 0.00	213.11 -1.40 0.00	264.10 -1.90 0.00	149.02 -1.93 0.00	109.34 -1.29 0.00	49.64 -0.48 -0.04	55.25 -0.70 0.20	56.52 -0.62 0.00	66.18 -0.77 2.84	105.35 -1.87 3.96	98.27 -2.12 9.39	65.70 -1.59 6.87	66.43 -1.47 -0.34	70.90 -1.89 1.02
GOUDEY___8 23580	68.99 -0.76 0.00	57.84 -0.71 0.00	59.67 -0.81 0.00	86.27 -1.28 0.00	117.91 -1.89 0.00	89.44 -1.26 0.00	88.79 -1.39 0.00	121.76 -2.20 0.00	189.97 -2.48 0.00	179.81 -1.90 1.54	191.25 -1.95 0.00	213.11 -1.40 0.00	264.10 -1.90 0.00	149.02 -1.93 0.00	109.34 -1.29 0.00	49.64 -0.48 -0.04	55.25 -0.70 0.20	56.52 -0.62 0.00	66.18 -0.77 2.84	105.35 -1.87 3.96	98.27 -2.12 9.39	65.70 -1.59 6.87	66.43 -1.47 -0.34	70.90 -1.89 1.02
GOWANUS_GT1_1 24077	73.20 3.44 0.00	61.42 2.87 0.00	63.09 2.60 0.00	91.31 3.76 0.00	125.12 5.33 0.00	95.22 4.53 0.00	95.23 5.05 0.00	131.03 7.07 0.00	204.70 12.25 0.00	197.34 14.09 0.00	206.28 13.08 0.00	229.85 15.34 0.00	283.10 17.10 0.00	160.06 9.11 0.00	118.02 7.39 0.00	55.93 3.70 -2.13	61.47 3.77 -1.55	65.99 4.00 -4.85	83.00 4.97 -8.25	129.16 7.20 -10.78	120.47 6.83 -3.86	81.67 4.17 -3.34	71.24 3.68 0.00	77.41 3.60 0.00
GOWANUS_GT1_2 24078	73.20 3.44 0.00	61.42 2.87 0.00	63.09 2.60 0.00	91.31 3.76 0.00	125.12 5.33 0.00	95.22 4.53 0.00	95.23 5.05 0.00	131.03 7.07 0.00	204.70 12.25 0.00	197.34 14.09 0.00	206.28 13.08 0.00	229.85 15.34 0.00	283.10 17.10 0.00	160.06 9.11 0.00	118.02 7.39 0.00	55.93 3.70 -2.13	61.47 3.77 -1.55	65.99 4.00 -4.85	83.00 4.97 -8.25	129.16 7.20 -10.78	120.47 6.83 -3.86	81.67 4.17 -3.34	71.24 3.68 0.00	77.41 3.60 0.00
GOWANUS_GT1_3 24079	73.20 3.44 0.00	61.42 2.87 0.00	63.09 2.60 0.00	91.31 3.76 0.00	125.12 5.33 0.00	95.22 4.53 0.00	95.23 5.05 0.00	131.03 7.07 0.00	204.70 12.25 0.00	197.34 14.09 0.00	206.28 13.08 0.00	229.85 15.34 0.00	283.10 17.10 0.00	160.06 9.11 0.00	118.02 7.39 0.00	55.93 3.70 -2.13	61.47 3.77 -1.55	65.99 4.00 -4.85	83.00 4.97 -8.25	129.16 7.20 -10.78	120.47 6.83 -3.86	81.67 4.17 -3.34	71.24 3.68 0.00	77.41 3.60 0.00
GOWANUS_GT1_4 24080	73.20 3.44 0.00	61.42 2.87 0.00	63.09 2.60 0.00	91.31 3.76 0.00	125.12 5.33 0.00	95.22 4.53 0.00	95.23 5.05 0.00	131.03 7.07 0.00	204.70 12.25 0.00	197.34 14.09 0.00	206.28 13.08 0.00	229.85 15.34 0.00	283.10 17.10 0.00	160.06 9.11 0.00	118.02 7.39 0.00	55.93 3.70 -2.13	61.47 3.77 -1.55	65.99 4.00 -4.85	83.00 4.97 -8.25	129.16 7.20 -10.78	120.47 6.83 -3.86	81.67 4.17 -3.34	71.24 3.68 0.00	77.41 3.60 0.00
GOWANUS_GT1_5 24084	73.20 3.44 0.00	61.42 2.87 0.00	63.09 2.60 0.00	91.31 3.76 0.00	125.12 5.33 0.00	95.22 4.53 0.00	95.23 5.05 0.00	131.03 7.07 0.00	204.70 12.25 0.00	197.34 14.09 0.00	206.28 13.08 0.00	229.85 15.34 0.00	283.10 17.10 0.00	160.06 9.11 0.00	118.02 7.39 0.00	55.93 3.70 -2.13	61.47 3.77 -1.55	65.99 4.00 -4.85	83.00 4.97 -8.25	129.16 7.20 -10.78	120.47 6.83 -3.86	81.67 4.17 -3.34	71.24 3.68 0.00	77.41 3.60 0.00
GOWANUS_GT1_6 24111	73.20 3.44 0.00	61.42 2.87 0.00	63.09 2.60 0.00	91.31 3.76 0.00	125.12 5.33 0.00	95.22 4.53 0.00	95.23 5.05 0.00	131.03 7.07 0.00	204.70 12.25 0.00	197.34 14.09 0.00	206.28 13.08 0.00	229.85 15.34 0.00	283.10 17.10 0.00	160.06 9.11 0.00	118.02 7.39 0.00	55.93 3.70 -2.13	61.47 3.77 -1.55	65.99 4.00 -4.85	83.00 4.97 -8.25	129.16 7.20 -10.78	120.47 6.83 -3.86	81.67 4.17 -3.34	71.24 3.68 0.00	77.41 3.60 0.00
GOWANUS_GT1_7 24112	73.20 3.44 0.00	61.42 2.87 0.00	63.09 2.60 0.00	91.31 3.76 0.00	125.12 5.33 0.00	95.22 4.53 0.00	95.23 5.05 0.00	131.03 7.07 0.00	204.70 12.25 0.00	197.34 14.09 0.00	206.28 13.08 0.00	229.85 15.34 0.00	283.10 17.10 0.00	160.06 9.11 0.00	118.02 7.39 0.00	55.93 3.70 -2.13	61.47 3.77 -1.55	65.99 4.00 -4.85	83.00 4.97 -8.25	129.16 7.20 -10.78	120.47 6.83 -3.86	81.67 4.17 -3.34	71.24 3.68 0.00	77.41 3.60 0.00
GOWANUS_GT1_8 24113	73.20 3.44 0.00	61.42 2.87 0.00	63.09 2.60 0.00	91.31 3.76 0.00	125.12 5.33 0.00	95.22 4.53 0.00	95.23 5.05 0.00	131.03 7.07 0.00	204.70 12.25 0.00	197.34 14.09 0.00	206.28 13.08 0.00	229.85 15.34 0.00	283.10 17.10 0.00	160.06 9.11 0.00	118.02 7.39 0.00	55.93 3.70 -2.13	61.47 3.77 -1.55	65.99 4.00 -4.85	83.00 4.97 -8.25	129.16 7.20 -10.78	120.47 6.83 -3.86	81.67 4.17 -3.34	71.24 3.68 0.00	77.41 3.60 0.00
GOWANUS_GT2_1 24114	73.20 3.44 0.00	61.42 2.87 0.00	63.08 2.60 0.00	91.31 3.76 0.00	125.12 5.33 0.00	95.22 4.52 0.00	95.22 5.04 0.00	131.03 7.07 0.00	204.70 12.25 0.00	197.36 14.10 0.00	206.28 13.08 0.00	229.87 15.36 0.00	283.10 17.10 0.00	160.07 9.11 0.00	118.02 7.39 0.00	55.93 3.71 -2.13	88.28 3.77 -28.36	150.07 4.00 -88.93	221.65 4.96 -146.90	315.94 7.19 -197.57	187.33 6.86 -70.69	81.67 4.17 -3.34	71.23 3.68 0.00	77.40 3.59 0.00
GOWANUS_GT2_2 24115	73.20 3.44 0.00	61.42 2.87 0.00	63.08 2.60 0.00	91.31 3.76 0.00	125.12 5.33 0.00	95.22 4.52 0.00	95.22 5.04 0.00	131.03 7.07 0.00	204.70 12.25 0.00	197.36 14.10 0.00	206.28 13.08 0.00	229.87 15.36 0.00	283.10 17.10 0.00	160.07 9.11 0.00	118.02 7.39 0.00	55.93 3.71 -2.13	88.28 3.77 -28.36	150.07 4.00 -88.93	221.65 4.96 -146.90	315.94 7.19 -197.57	187.33 6.86 -70.69	81.67 4.17 -3.34	71.23 3.68 0.00	77.40 3.59 0.00
GOWANUS_GT2_3 24116	73.20 3.44 0.00	61.42 2.87 0.00	63.08 2.60 0.00	91.31 3.76 0.00	125.12 5.33 0.00	95.22 4.52 0.00	95.22 5.04 0.00	131.03 7.07 0.00	204.70 12.25 0.00	197.36 14.10 0.00	206.28 13.08 0.00	229.87 15.36 0.00	283.10 17.10 0.00	160.07 9.11 0.00	118.02 7.39 0.00	55.93 3.71 -2.13	88.28 3.77 -28.36	150.07 4.00 -88.93	221.65 4.96 -146.90	315.94 7.19 -197.57	187.33 6.86 -70.69	81.67 4.17 -3.34	71.23 3.68 0.00	77.40 3.59 0.00

GOWANUS_GT2_4 24117	73.20 3.44 0.00	61.42 2.87 0.00	63.08 2.60 0.00	91.31 3.76 0.00	125.12 5.33 0.00	95.22 4.52 0.00	95.22 5.04 0.00	131.03 7.07 0.00	204.70 12.25 0.00	197.36 14.10 0.00	206.28 13.08 0.00	229.87 15.36 0.00	283.10 17.10 0.00	160.07 9.11 0.00	118.02 7.39 0.00	55.93 3.71 -2.13	88.28 3.77 -28.36	150.07 4.00 -88.93	221.65 4.96 -146.90	315.94 7.19 -197.57	187.33 6.86 -70.69	81.67 4.17 -3.34	71.23 3.68 0.00	77.40 3.59 0.00
GOWANUS_GT2_5 24118	73.20 3.44 0.00	61.42 2.87 0.00	63.08 2.60 0.00	91.31 3.76 0.00	125.12 5.33 0.00	95.22 4.52 0.00	95.22 5.04 0.00	131.03 7.07 0.00	204.70 12.25 0.00	197.36 14.10 0.00	206.28 13.08 0.00	229.87 15.36 0.00	283.10 17.10 0.00	160.07 9.11 0.00	118.02 7.39 0.00	55.93 3.71 -2.13	88.28 3.77 -28.36	150.07 4.00 -88.93	221.65 4.96 -146.90	315.94 7.19 -197.57	187.33 6.86 -70.69	81.67 4.17 -3.34	71.23 3.68 0.00	77.40 3.59 0.00
GOWANUS_GT2_6 24119	73.20 3.44 0.00	61.42 2.87 0.00	63.08 2.60 0.00	91.31 3.76 0.00	125.12 5.33 0.00	95.22 4.52 0.00	95.22 5.04 0.00	131.03 7.07 0.00	204.70 12.25 0.00	197.36 14.10 0.00	206.28 13.08 0.00	229.87 15.36 0.00	283.10 17.10 0.00	160.07 9.11 0.00	118.02 7.39 0.00	55.93 3.71 -2.13	88.28 3.77 -28.36	150.07 4.00 -88.93	221.65 4.96 -146.90	315.94 7.19 -197.57	187.33 6.86 -70.69	81.67 4.17 -3.34	71.23 3.68 0.00	77.40 3.59 0.00
GOWANUS_GT2_7 24120	73.20 3.44 0.00	61.42 2.87 0.00	63.08 2.60 0.00	91.31 3.76 0.00	125.12 5.33 0.00	95.22 4.52 0.00	95.22 5.04 0.00	131.03 7.07 0.00	204.70 12.25 0.00	197.36 14.10 0.00	206.28 13.08 0.00	229.87 15.36 0.00	283.10 17.10 0.00	160.07 9.11 0.00	118.02 7.39 0.00	55.93 3.71 -2.13	88.28 3.77 -28.36	150.07 4.00 -88.93	221.65 4.96 -146.90	315.94 7.19 -197.57	187.33 6.86 -70.69	81.67 4.17 -3.34	71.23 3.68 0.00	77.40 3.59 0.00
GOWANUS_GT2_8 24121	73.20 3.44 0.00	61.42 2.87 0.00	63.08 2.60 0.00	91.31 3.76 0.00	125.12 5.33 0.00	95.22 4.52 0.00	95.22 5.04 0.00	131.03 7.07 0.00	204.70 12.25 0.00	197.36 14.10 0.00	206.28 13.08 0.00	229.87 15.36 0.00	283.10 17.10 0.00	160.07 9.11 0.00	118.02 7.39 0.00	55.93 3.71 -2.13	88.28 3.77 -28.36	150.07 4.00 -88.93	221.65 4.96 -146.90	315.94 7.19 -197.57	187.33 6.86 -70.69	81.67 4.17 -3.34	71.23 3.68 0.00	77.40 3.59 0.00
GOWANUS_GT3_1 24122	73.20 3.44 0.00	61.42 2.87 0.00	63.08 2.60 0.00	91.31 3.76 0.00	125.12 5.33 0.00	95.22 4.52 0.00	95.22 5.04 0.00	131.03 7.07 0.00	204.70 12.25 0.00	197.36 14.10 0.00	206.28 13.08 0.00	229.87 15.36 0.00	283.10 17.10 0.00	160.07 9.11 0.00	118.02 7.39 0.00	55.93 3.71 -2.13	61.47 3.77 -1.55	65.99 4.00 -4.85	83.00 4.96 -8.25	129.16 7.19 -10.78	120.50 6.86 -3.86	81.67 4.17 -3.34	71.23 3.68 0.00	77.40 3.59 0.00
GOWANUS_GT3_2 24123	73.20 3.44 0.00	61.42 2.87 0.00	63.08 2.60 0.00	91.31 3.76 0.00	125.12 5.33 0.00	95.22 4.52 0.00	95.22 5.04 0.00	131.03 7.07 0.00	204.70 12.25 0.00	197.36 14.10 0.00	206.28 13.08 0.00	229.87 15.36 0.00	283.10 17.10 0.00	160.07 9.11 0.00	118.02 7.39 0.00	55.93 3.71 -2.13	61.47 3.77 -1.55	65.99 4.00 -4.85	83.00 4.96 -8.25	129.16 7.19 -10.78	120.50 6.86 -3.86	81.67 4.17 -3.34	71.23 3.68 0.00	77.40 3.59 0.00
GOWANUS_GT3_3 24124	73.20																							

GOWANUS_GT4_3 24132	73.20 3.44 0.00	61.42 2.87 0.00	63.09 2.60 0.00	91.31 3.76 0.00	125.12 5.33 0.00	95.22 4.53 0.00	95.23 5.05 0.00	131.03 7.07 0.00	204.70 12.25 0.00	197.34 14.09 0.00	206.28 13.08 0.00	229.85 15.34 0.00	283.10 17.10 0.00	160.06 9.11 0.00	118.02 7.39 0.00	55.93 3.70 -2.13	88.28 3.77 -28.36	150.07 4.00 -88.93	221.66 4.97 -146.90	315.95 7.20 -197.57	187.30 6.83 -70.69	81.67 4.17 -3.34	71.24 3.68 0.00	77.41 3.60 0.00
GOWANUS_GT4_4 24133	73.20 3.44 0.00	61.42 2.87 0.00	63.09 2.60 0.00	91.31 3.76 0.00	125.12 5.33 0.00	95.22 4.53 0.00	95.23 5.05 0.00	131.03 7.07 0.00	204.70 12.25 0.00	197.34 14.09 0.00	206.28 13.08 0.00	229.85 15.34 0.00	283.10 17.10 0.00	160.06 9.11 0.00	118.02 7.39 0.00	55.93 3.70 -2.13	88.28 3.77 -28.36	150.07 4.00 -88.93	221.66 4.97 -146.90	315.95 7.20 -197.57	187.30 6.83 -70.69	81.67 4.17 -3.34	71.24 3.68 0.00	77.41 3.60 0.00
GOWANUS_GT4_5 24134	73.20 3.44 0.00	61.42 2.87 0.00	63.09 2.60 0.00	91.31 3.76 0.00	125.12 5.33 0.00	95.22 4.53 0.00	95.23 5.05 0.00	131.03 7.07 0.00	204.70 12.25 0.00	197.34 14.09 0.00	206.28 13.08 0.00	229.85 15.34 0.00	283.10 17.10 0.00	160.06 9.11 0.00	118.02 7.39 0.00	55.93 3.70 -2.13	88.28 3.77 -28.36	150.07 4.00 -88.93	221.66 4.97 -146.90	315.95 7.20 -197.57	187.30 6.83 -70.69	81.67 4.17 -3.34	71.24 3.68 0.00	77.41 3.60 0.00
GOWANUS_GT4_6 24135	73.20 3.44 0.00	61.42 2.87 0.00	63.09 2.60 0.00	91.31 3.76 0.00	125.12 5.33 0.00	95.22 4.53 0.00	95.23 5.05 0.00	131.03 7.07 0.00	204.70 12.25 0.00	197.34 14.09 0.00	206.28 13.08 0.00	229.85 15.34 0.00	283.10 17.10 0.00	160.06 9.11 0.00	118.02 7.39 0.00	55.93 3.70 -2.13	88.28 3.77 -28.36	150.07 4.00 -88.93	221.66 4.97 -146.90	315.95 7.20 -197.57	187.30 6.83 -70.69	81.67 4.17 -3.34	71.24 3.68 0.00	77.41 3.60 0.00
GOWANUS_GT4_7 24136	73.20 3.44 0.00	61.42 2.87 0.00	63.09 2.60 0.00	91.31 3.76 0.00	125.12 5.33 0.00	95.22 4.53 0.00	95.23 5.05 0.00	131.03 7.07 0.00	204.70 12.25 0.00	197.34 14.09 0.00	206.28 13.08 0.00	229.85 15.34 0.00	283.10 17.10 0.00	160.06 9.11 0.00	118.02 7.39 0.00	55.93 3.70 -2.13	88.28 3.77 -28.36	150.07 4.00 -88.93	221.66 4.97 -146.90	315.95 7.20 -197.57	187.30 6.83 -70.69	81.67 4.17 -3.34	71.24 3.68 0.00	77.41 3.60 0.00
GOWANUS_GT4_8 24137	73.20 3.44 0.00	61.42 2.87 0.00	63.09 2.60 0.00	91.31 3.76 0.00	125.12 5.33 0.00	95.22 4.53 0.00	95.23 5.05 0.00	131.03 7.07 0.00	204.70 12.25 0.00	197.34 14.09 0.00	206.28 13.08 0.00	229.85 15.34 0.00	283.10 17.10 0.00	160.06 9.11 0.00	118.02 7.39 0.00	55.93 3.70 -2.13	88.28 3.77 -28.36	150.07 4.00 -88.93	221.66 4.97 -146.90	315.95 7.20 -197.57	187.30 6.83 -70.69	81.67 4.17 -3.34	71.24 3.68 0.00	77.41 3.60 0.00
GREENBSH_115KV_TB3 55895	72.26 2.51 0.00	60.82 2.28 0.00	62.68 2.19 0.00	90.75 3.20 0.00	124.20 4.40 0.00	93.71 3.01 0.00	92.67 2.49 0.00	126.68 2.72 0.00	197.05 4.60 0.00	188.92 5.66 0.00	198.97 5.77 0.00	221.12 6.61 0.00	273.51 7.51 0.00	154.99 4.03 0.00	113.93 3.30 0.00	51.91 1.62 -0.20	57.80 1.65 0.00	58.75 1.61 0.00	71.78 1.99 0.00	114.30 3.12 0.00	112.70 2.92 0.00	92.92 2.03 -16.73	69.44 1.89 0.00	76.18 2.37 0.00
GREENIDGE_115KV_TB5 80291	68.35 -1.40 0.00	57.62 -0.93 0.00	59.02 -1.46 0.00	84.68 -2.87 0.00	114.79 -5.00 0.00	88.03 -2.67 0.00	87.78 -2.40 0.00	118.93 -5.03 0.00	185.59 -6.86 0.00	167.95 -6.44 8.86	186.39 -6.80 0.00	207.43 -7.08 0.00	257.47 -8.53 0.00	144.50 -6.45 0.00	106.63 -4.00 0.00	49.08 -0.93 0.08	53.78 -1.21 1.16	55.92 -1.22 0.00	53.84 -1.19 14.75	99.65 -3.75 7.78	65.60 -4.05 40.13	25.43 -2.88 45.85	72.77 -2.58 -7.79	64.44 -3.51 5.86
GREENIDGE___3 23582	68.35 -1.40 0.00	57.62 -0.93 0.00	59.02 -1.46 0.00	84.68 -2.87 0.00	114.79 -5.00 0.00	88.03 -2.67 0.00	87.78 -2.40 0.00	118.93 -5.03 0.00	185.59 -6.86 0.00	167.95 -6.44 8.86	186.39 -6.80 0.00	207.43 -7.08 0.00	257.47 -8.53 0.00	144.50 -6.45 0.00	106.63 -4.00 0.00	49.08 -0.93 0.08	53.78 -1.21 1.16	55.92 -1.22 0.00	53.84 -1.19 14.75	99.65 -3.75 7.78	65.60 -4.05 40.13	25.43 -2.88 45.85	72.77 -2.58 -7.79	64.44 -3.51 5.86
GREENIDGE___4 23583	68.35 -1.40 0.00	57.62 -0.93 0.00	59.02 -1.46 0.00	84.68 -2.87 0.00	114.79 -5.00 0.00	88.03 -2.66 0.00	87.78 -2.40 0.00	118.93 -5.03 0.00	185.61 -6.84 0.00	167.98 -6.41 8.86	186.39 -6.81 0.00	207.43 -7.08 0.00	257.48 -8.52 0.00	144.52 -6.43 0.00	106.63 -4.00 0.00	49.08 -0.93 0.08	53.79 -1.20 1.16	55.92 -1.22 0.00	53.81 -1.23 14.75	99.54 -3.87 7.78	65.43 -4.22 40.13	25.39 -2.93 45.85	72.74 -2.61 -7.79	64.42 -3.52 5.86
GREENLWN_69_KV_BK 3 55738	89.19 4.52 -14.93	69.91 3.89 -7.47	67.00 3.71 -2.81	102.28 5.58 -9.14	135.22 7.98 -7.44	128.71 6.38 -31.64	126.64 6.88 -29.58	131.01 9.08 2.03	205.59 13.14 0.01	180.09 15.59 18.74	198.15 12.93 7.98	229.86 15.38 0.03	283.46 17.46 0.00	156.94 10.39 4.40	73.34 9.11 46.40	38.30 4.83 16.62	142.31 4.78 -81.38	90.08 4.39 -28.55	14.03 5.87 61.62	73.24 8.44 46.39	107.95 8.11 9.94	85.85 5.50 -6.19	72.00 4.44 0.00	78.41 4.60 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	73.20 3.44 0.00	61.42 2.87 0.00	63.09 2.60 0.00	91.31 3.76 0.00	125.12 5.33 0.00	95.22 4.53 0.00	95.23 5.05 0.00	131.03 7.07 0.00	204.70 12.25 0.00	197.34 14.09 0.00	206.28 13.08 0.00	229.85 15.34 0.00	283.10 17.10 0.00	160.06 9.11 0.00	118.02 7.39 0.00	55.93 3.70 -2.13	61.47 3.77 -1.55	65.99 4.00 -4.85	83.00 4.97 -8.25	129.16 7.20 -10.78	120.47 6.83 -3.86	81.67 4.17 -3.34	71.24 3.68 0.00	77.41 3.60 0.00
GRISSOM___SOLAR 323813	74.53 4.78 0.00	62.43 3.88 0.00	64.26 3.77 0.00	92.88 5.33 0.00	127.28 7.49 0.00	96.55 5.85 0.00	96.25 6.07 0.00	132.16 8.21 0.00	205.59 13.14 0.00	196.11 12.85 0.00	206.22 13.02 0.00	229.16 14.65 0.00	284.35 18.34 0.00	161.47 10.51 0.00	118.58 7.95 0.00	53.99 3.68 -0.22	60.27 4.11 0.00	61.53 4.39 0.00	75.13 5.34 0.00	119.24 8.06 0.00	117.32 7.55 0.00	114.76 4.86 -35.73	71.74 4.18 0.00	78.06 4.25 0.00
GROVEVILLE___HYD 323602	73.58 3.83 0.00	61.80 3.26 0.00	63.51 3.02 0.00	91.99 4.43 0.00	126.07 6.28 0.00	95.72 5.02 0.00	95.51 5.33 0.00	131.14 7.19 0.00	204.33 11.88 0.00	196.70 13.44 0.00	206.83 13.63 0.00	230.24 15.73 0.00	284.24 18.24 0.00	160.61 9.65 0.00	118.17 7.54 0.00	53.93 3.67 -0.17	60.04 3.88 0.00	61.26 4.12 0.00	74.82 5.03 0.00	118.68 7.50 0.00	116.90 7.13 0.00	82.05 4.45 -3.44	71.43 3.87 0.00	77.61 3.81 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	67.69 -2.07 0.00	56.85 -1.69 0.00	58.62 -1.87 0.00	84.66 -2.90 0.00	115.84 -3.95 0.00	87.90 -2.80 0.00	87.40 -2.78 0.00	120.01 -3.95 0.00	187.00 -5.45 0.00	178.45 -4.81 0.00	187.94 -5.26 0.00	209.26 -5.25 0.00	259.16 -6.84 0.00	146.69 -4.26 0.00	107.53 -3.09 0.00	48.87 -1.25 -0.02	54.67 -1.49 0.00	55.70 -1.44 0.00	68.07 -1.72 0.00	107.73 -3.42 0.03	105.68 -3.61 0.48	71.57 -2.59 0.00	65.13 -2.43 0.00	70.99 -2.82 0.00

HAMLTNNY_34_KV_TB 80303	68.19 -1.56 0.00	57.32 -1.23 0.00	59.09 -1.39 0.00	85.28 -2.27 0.00	116.69 -3.11 0.00	88.57 -2.13 0.00	88.13 -2.05 0.00	120.99 -2.96 0.00	188.58 -3.87 0.00	179.96 -3.29 0.00	189.47 -3.73 0.00	211.01 -3.50 0.00	261.27 -4.73 0.00	147.75 -3.21 0.00	108.29 -2.34 0.00	49.23 -0.88 -0.02	55.07 -1.08 0.00	56.16 -0.98 0.00	68.59 -1.19 0.00	108.51 -2.65 0.03	106.47 -2.86 0.45	72.06 -2.10 0.00	65.63 -1.93 0.00	71.49 -2.32 0.00
HAMPSHIRE___PAPER_HYD 323593	71.87 2.12 0.00	59.96 1.41 0.00	61.85 1.36 0.00	89.07 1.52 0.00	121.42 1.63 0.00	91.52 0.82 0.00	90.76 0.58 0.00	125.14 1.18 0.00	193.28 0.83 0.00	182.58 -0.68 0.00	193.04 -0.16 0.00	214.56 0.05 0.00	267.69 1.69 0.00	153.33 2.38 0.00	112.38 1.75 0.00	50.54 0.44 0.00	56.32 0.16 0.00	56.64 -0.50 0.00	69.44 -0.35 0.00	110.88 -2.65 0.00	110.13 0.35 0.00	74.40 0.23 0.00	67.58 0.02 0.00	74.10 0.29 0.00
HARDSCRABBLE_WT_PWR 323673	73.10 3.35 0.00	61.04 2.50 0.00	62.36 1.88 0.00	90.23 2.68 0.00	123.62 3.83 0.00	94.02 3.32 0.00	93.18 3.00 0.00	126.37 2.42 0.00	197.11 4.66 0.00	190.47 7.22 0.00	200.31 7.11 0.00	223.43 8.92 0.00	277.79 11.79 0.00	157.73 6.78 0.00	116.89 6.26 0.00	53.10 3.01 0.00	59.35 3.20 0.00	60.54 3.40 0.00	73.85 4.06 0.00	117.00 5.81 0.00	114.35 4.58 0.00	77.20 3.03 0.00	70.16 2.60 0.00	76.09 2.28 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	72.62 2.87 0.00	60.98 2.44 0.00	62.66 2.18 0.00	90.82 3.26 0.00	124.48 4.69 0.00	94.53 3.84 0.00	94.27 4.09 0.00	129.49 5.53 0.00	201.73 9.28 0.00	194.25 11.00 0.00	204.21 11.01 0.00	227.27 12.76 0.00	280.56 14.56 0.00	158.61 7.65 0.00	116.65 6.02 0.00	53.25 3.01 -0.16	59.28 3.13 0.00	60.52 3.38 0.00	73.92 4.13 0.00	117.25 6.06 0.00	115.51 5.73 0.00	80.76 3.48 -3.12	70.58 3.02 0.00	76.69 2.89 0.00
HARSNRAD_115KV_TB1 81005	63.74 -6.01 0.00	53.56 -4.98 0.00	55.30 -5.19 0.00	79.44 -8.11 0.00	108.59 -11.20 0.00	82.51 -8.19 0.00	81.03 -9.15 0.00	109.92 -14.03 0.00	172.86 -19.59 0.00	162.57 -18.44 2.24	172.24 -20.96 0.00	193.40 -21.11 0.00	239.70 -26.30 0.00	134.97 -15.98 0.00	98.20 -12.43 0.00	44.82 -5.27 0.00	49.79 -6.08 0.29	51.11 -6.03 0.00	54.44 -7.53 7.82	65.85 -15.32 30.02	59.41 -14.86 35.51	49.65 -9.42 15.10	53.34 -8.17 6.05	63.71 -8.62 1.48
HARZA MOOSE___RIVER 24016	72.25 2.50 0.00	60.36 1.81 0.00	62.10 1.61 0.00	89.40 1.84 0.00	122.24 2.45 0.00	92.14 1.45 0.00	91.65 1.47 0.00	126.38 2.43 0.00	196.25 3.80 0.00	186.71 3.46 0.00	196.98 3.78 0.00	218.90 4.39 0.00	272.05 6.04 0.00	155.46 4.51 0.00	114.49 3.86 0.00	51.94 1.84 -0.01	57.93 1.77 0.00	58.28 1.14 0.00	71.58 1.79 0.00	113.59 2.42 0.01	112.24 2.67 0.20	75.48 1.31 0.00	68.12 0.56 0.00	74.19 0.38 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	67.52 -2.23 0.00	56.70 -1.84 0.00	58.47 -2.02 0.00	84.47 -3.09 0.00	115.60 -4.19 0.00	87.68 -3.02 0.00	87.22 -2.96 0.00	119.76 -4.19 0.00	186.69 -5.76 0.00	178.25 -5.00 0.00	187.72 -5.48 0.00	209.09 -5.42 0.00	258.94 -7.06 0.00	146.52 -4.44 0.00	107.40 -3.23 0.00	48.79 -1.33 -0.02	54.57 -1.58 0.00	55.59 -1.55 0.00	67.88 -1.91 0.00	107.33 -3.80 0.05	104.95 -3.94 0.88	71.37 -2.80 0.00	64.91 -2.65 0.00	70.76 -3.05 0.00
HELLGATE_13_KV_LD 55870	72.89 3.14 0.00	61.19 2.64 0.00	62.85 2.37 0.00	91.00 3.44 0.00	124.73 4.93 0.00	94.89 4.20 0.00	94.92 4.74 0.00	130.65 6.69 0.00	203.93 11.49 0.00	196.60 13.34 0.00	205.92 12.72 0.00	229.15 14.64 0.00	282.21 16.20 0.00	159.40 8.45 0.00	117.35 6.72 0.00	53.57 3.31 -0.17	59.54 3.38 0.00	60.81 3.67 0.00	74.25 4.46 0.00	117.70 6.52 0.00	116.03 6.25 0.00	81.36 3.86 -3.34	70.98 3.42 0.00	77.11 3.30 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	72.89 3.14 0.00	61.19 2.64 0.00	62.85 2.37 0.00	91.00 3.44 0.00	124.73 4.93 0.00	94.89 4.20 0.00	94.92 4.74 0.00	130.65 6.69 0.00	203.93 11.49 0.00	196.60 13.34 0.00	205.92 12.72 0.00	229.15 14.64 0.00	282.21 16.20 0.00	159.40 8.45 0.00	117.35 6.72 0.00	53.57 3.31 -0.17	59.54 3.38 0.00	60.81 3.67 0.00	74.25 4.46 0.00	117.70 6.52 0.00	116.03 6.25 0.00	81.36 3.86 -3.34	70.98 3.42 0.00	77.11 3.30 0.00
HEMPSTEAD____ 23647	88.71 4.02 -14.93	69.34 3.32 -7.47	66.33 3.03 -2.81	101.28 4.58 -9.14	133.76 6.52 -7.44	127.69 5.36 -31.64	125.52 5.76 -29.58	133.01 7.86 -1.19	204.65 12.20 0.00	197.28 14.03 0.00	206.47 13.26 0.00	229.77 15.26 0.00	283.57 17.57 0.00	160.32 9.37 0.00	118.16 7.53 0.00	100.93 3.86 -46.98	164.02 4.06 -103.81	129.92 4.21 -68.57	75.64 5.12 -0.73	118.87 7.52 -0.17	132.99 7.18 -16.03	84.99 4.63 -6.19	71.44 3.88 0.00	77.73 3.92 0.00
HEWLETT_69_KV_BK3 55828	89.15 4.46 -14.93	69.76 3.74 -7.47	66.74 3.44 -2.81	101.89 5.19 -9.14	134.35 7.11 -7.44	128.05 5.72 -31.64	125.75 6.00 -29.58	133.28 8.14 -1.19	205.29 12.84 0.00	197.80 14.55 0.00	207.38 14.18 0.00	230.78 16.27 0.00	284.86 18.86 0.00	161.00 10.05 0.00	118.55 7.92 0.00	101.17 4.11 -46.97	162.21 4.22 -101.83	130.29 4.58 -68.56	76.05 5.53 -0.73	119.49 8.13 -0.17	133.36 7.56 -16.03	85.29 4.94 -6.19	71.91 4.35 0.00	78.19 4.38 0.00
HICKLING___1 23621	67.60 -2.15 0.00	56.57 -1.97 0.00	58.35 -2.14 0.00	84.24 -3.32 0.00	114.83 -4.96 0.00	87.40 -3.30 0.00	86.75 -3.43 0.00	118.60 -5.35 0.00	185.55 -6.90 0.00	169.18 -6.51 7.56	186.54 -6.66 0.00	208.13 -6.38 0.00	258.44 -7.56 0.00	144.92 -6.04 0.00	106.24 -4.39 0.00	48.11 -1.92 0.05	52.79 -2.38 0.99	54.84 -2.30 0.00	52.73 -2.84 14.22	84.00 -5.44 21.74	58.02 -5.74 46.02	29.67 -4.11 40.38	64.55 -3.74 -0.73	64.28 -4.52 5.00
HICKLING___2 23622	67.60 -2.15 0.00	56.57 -1.97 0.00	58.35 -2.14 0.00	84.24 -3.32 0.00	114.83 -4.96 0.00	87.40 -3.30 0.00	86.75 -3.43 0.00	118.60 -5.35 0.00	185.55 -6.90 0.00	169.18 -6.51 7.56	186.54 -6.66 0.00	208.13 -6.38 0.00	258.44 -7.56 0.00	144.92 -6.04 0.00	106.24 -4.39 0.00	48.11 -1.92 0.05	52.79 -2.38 0.99	54.84 -2.30 0.00	52.73 -2.84 14.22	84.00 -5.44 21.74	58.02 -5.74 46.02	29.67 -4.11 40.38	64.55 -3.74 -0.73	64.28 -4.52 5.00
HIGH FALLS___HY 23754	73.28 3.53 0.00	61.54 2.99 0.00	63.23 2.74 0.00	91.57 4.02 0.00	125.59 5.80 0.00	95.39 4.70 0.00	95.32 5.14 0.00	131.02 7.06 0.00	204.31 11.86 0.00	196.76 13.51 0.00	206.89 13.70 0.00	230.29 15.78 0.00	284.33 18.33 0.00	160.58 9.63 0.00	118.14 7.51 0.00	53.91 3.65 -0.17	60.01 3.85 0.00	61.27 4.13 0.00	74.84 5.05 0.00	118.65 7.47 0.00	116.84 7.06 0.00	83.04 4.29 -4.59	71.20 3.64 0.00	77.23 3.42 0.00
HIGH_RIVER___SOLAR 323847	73.07 3.32 0.00	61.33 2.79 0.00	63.16 2.68 0.00	91.39 3.84 0.00	125.15 5.36 0.00	94.86 4.17 0.00	94.44 4.26 0.00	129.51 5.56 0.00	201.43 8.98 0.00	192.60 9.35 0.00	202.78 9.58 0.00	225.31 10.80 0.00	279.16 13.16 0.00	158.37 7.42 0.00	116.35 5.72 0.00	52.98 2.67 -0.22	59.09 2.93 0.00	60.22 3.08 0.00	73.52 3.73 0.00	116.80 5.62 0.00	115.07 5.30 0.00	115.38 3.46 -37.75	70.58 3.03 0.00	76.89 3.08 0.00

HILLBURN___GT 23639	72.20 2.45 0.00	60.63 2.09 0.00	62.31 1.83 0.00	90.32 2.77 0.00	123.83 4.04 0.00	94.08 3.39 0.00	93.81 3.63 0.00	128.85 4.89 0.00	200.70 8.25 0.00	193.36 10.11 0.00	203.08 9.88 0.00	226.01 11.50 0.00	278.94 12.94 0.00	157.69 6.74 0.00	115.97 5.34 0.00	52.95 2.70 -0.16	58.93 2.77 0.00	60.13 3.00 0.00	73.51 3.72 0.00	116.62 5.43 0.00	114.90 5.12 0.00	80.40 3.07 -3.16	70.23 2.67 0.00	76.32 2.52 0.00
HILLSIDE_115KV_TB1 80332	67.08 -2.67 0.00	56.13 -2.42 0.00	57.94 -2.55 0.00	83.79 -3.77 0.00	114.14 -5.66 0.00	86.87 -3.83 0.00	86.12 -4.05 0.00	117.86 -6.09 0.00	184.38 -8.06 0.00	168.47 -7.67 7.11	185.54 -7.66 0.00	207.09 -7.42 0.00	257.09 -8.91 0.00	144.17 -6.78 0.00	105.82 -4.81 0.00	47.93 -2.12 0.04	52.64 -2.58 0.93	54.57 -2.56 0.00	53.19 -3.20 13.40	84.64 -5.81 20.74	60.19 -6.09 43.50	32.00 -4.28 37.89	64.32 -3.81 -0.57	64.44 -4.66 4.70
HISHELDN_WT_PWR 323625	64.65 -5.10 0.00	54.25 -4.30 0.00	55.90 -4.59 0.00	80.44 -7.12 0.00	109.90 -9.90 0.00	83.29 -7.41 0.00	82.27 -7.91 0.00	112.10 -11.86 0.00	175.95 -16.50 0.00	164.11 -15.73 3.41	175.27 -17.93 0.00	195.86 -18.65 0.00	242.49 -23.51 0.00	136.09 -14.86 0.00	99.33 -11.30 0.00	45.17 -4.91 0.01	49.99 -5.72 0.45	51.63 -5.50 0.01	51.43 -6.78 11.58	40.38 -13.31 57.50	38.27 -13.11 58.40	42.51 -8.71 22.95	41.38 -7.86 18.32	62.93 -8.62 2.26
HOLTSVILLE_IC_1 23690	90.16 5.45 -14.96	70.66 4.64 -7.47	67.68 4.39 -2.81	103.22 6.52 -9.14	136.39 9.15 -7.44	129.63 7.29 -31.64	127.60 7.85 -29.58	145.39 10.54 -10.89	208.08 15.60 -0.03	257.07 17.30 -56.52	233.52 16.28 -24.04	233.46 18.86 -0.09	288.21 22.20 -0.01	176.34 12.12 -13.27	260.26 9.74 -139.89	293.86 5.06 -238.71	253.69 5.43 -192.10	251.74 5.38 -189.22	265.02 6.51 -188.72	261.27 9.51 -140.57	213.35 9.25 -94.32	86.62 6.27 -6.19	72.63 5.07 0.00	79.06 5.26 0.00
HOLTSVILLE_IC_10 23699	90.64 5.92 -14.96	71.04 5.02 -7.47	68.06 4.76 -2.81	103.75 7.05 -9.14	137.15 9.92 -7.44	130.21 7.88 -31.64	128.25 8.49 -29.58	147.27 11.45 -11.86	209.56 17.08 -0.03	264.17 18.74 -62.18	237.43 17.78 -26.45	235.07 20.46 -0.09	290.14 24.13 -0.01	178.82 13.28 -14.60	274.60 10.07 -153.90	313.16 5.16 -257.90	262.00 5.66 -200.19	264.11 5.67 -201.30	284.13 6.80 -207.54	275.94 10.13 -154.63	221.97 10.04 -102.16	87.14 6.78 -6.19	73.07 5.51 0.00	79.52 5.71 0.00
HOLTSVILLE_IC_2 23691	90.16 5.45 -14.96	70.66 4.64 -7.47	67.68 4.39 -2.81	103.22 6.52 -9.14	136.39 9.15 -7.44	129.63 7.29 -31.64	127.60 7.85 -29.58	145.39 10.54 -10.89	208.08 15.60 -0.03	257.07 17.30 -56.52	233.52 16.28 -24.04	233.46 18.86 -0.09	288.21 22.20 -0.01	176.34 12.12 -13.27	260.26 9.74 -139.89	293.86 5.06 -238.71	253.69 5.43 -192.10	251.74 5.38 -189.22	265.02 6.51 -188.72	261.27 9.51 -140.57	213.35 9.25 -94.32	86.62 6.27 -6.19	72.63 5.07 0.00	79.06 5.26 0.00
HOLTSVILLE_IC_3 23692	90.16 5.45 -14.96	70.66 4.64 -7.47	67.68 4.39 -2.81	103.22 6.52 -9.14	136.39 9.15 -7.44	129.63 7.29 -31.64	127.60 7.85 -29.58	145.39 10.54 -10.89	208.08 15.60 -0.03	257.07 17.30 -56.52	233.52 16.28 -24.04	233.46 18.86 -0.09	288.21 22.20 -0.01	176.34 12.12 -13.27	260.26 9.74 -139.89	293.86 5.06 -238.71	253.69 5.43 -192.10	251.74 5.38 -189.22	265.02 6.51 -188.72	261.27 9.51 -140.57	213.35 9.25 -94.32	86.62 6.27 -6.19	72.63 5.07 0.00	79.06 5.26 0.00
HOLTSVILLE_IC_4 23693	90.16 5.45 -14.96	70.66 4.64 -7.47	67.68 4.39 -2.81	103.22 6.52 -9.14	136.39 9.15 -7.44	129.63 7.29 -31.64	127.60 7.85 -29.58	145.39 10.54 -10.89	208.08 15.60 -0.03	257.07 17.30 -56.52	233.52 16.28 -24.04	233.46 18.86 -0.09	288.21 22.20 -0.01	176.34 12.12 -13.27	260.26 9.74 -139.89	293.86 5.06 -238.71	253.69 5.43 -192.10	251.74 5.38 -189.22	265.02 6.51 -188.72	261.27 9.51 -140.57	213.35 9.25 -94.32	86.62 6.27 -6.19	72.63 5.07 0.00	79.06 5.26 0.00
HOLTSVILLE_IC_5 23694	90.16 5.45 -14.96	70.66 4.64 -7.47	67.68 4.39 -2.81	103.22 6.52 -9.14	136.39 9.15 -7.44	129.63 7.29 -31.64	127.60 7.85 -29.58	145.39 10.54 -10.89	208.08 15.60 -0.03	257.07 17.30 -56.52	233.52 16.28 -24.04	233.46 18.86 -0.09	288.21 22.20 -0.01	176.34 12.12 -13.27	260.26 9.74 -139.89	293.86 5.06 -238.71	253.69 5.43 -192.10	251.74 5.38 -189.22	265.02 6.51 -188.72	261.27 9.51 -140.57	213.35 9.25 -94.32	86.62 6.27 -6.19	72.63 5.07 0.00	79.06 5.26 0.00
HOLTSVILLE_IC_6 23695	90.64 5.92 -14.96	71.04 5.02 -7.47	68.06 4.76 -2.81	103.75 7.05 -9.14	137.15 9.92 -7.44	130.21 7.88 -31.64	128.25 8.49 -29.58	147.27 11.45 -11.86	209.56 17.08 -0.03	264.17 18.74 -62.18	237.43 17.78 -26.45	235.07 20.46 -0.09	290.14 24.13 -0.01	178.82 13.28 -14.60	274.60 10.07 -153.90	313.16 5.16 -257.90	262.00 5.66 -200.19	264.11 5.67 -201.30	284.13 6.80 -207.54	275.94 10.13 -154.63	221.97 10.04 -102.16	87.14 6.78 -6.19	73.07 5.51 0.00	79.52 5.71 0.00
HOLTSVILLE_IC_7 23696	90.64 5.92 -14.96	71.04 5.02 -7.47	68.06 4.76 -2.81	103.75 7.05 -9.14	137.15 9.92 -7.44	130.21 7.88 -31.64	128.25 8.49 -29.58	147.27 11.45 -11.86	209.56 17.08 -0.03	264.17 18.74 -62.18	237.43 17.78 -26.45	235.07 20.46 -0.09	290.14 24.13 -0.01	178.82 13.28 -14.60	274.60 10.07 -153.90	313.16 5.16 -257.90	262.00 5.66 -200.19	264.11 5.67 -201.30	284.13 6.80 -207.54	275.94 10.13 -154.63	221.97 10.04 -102.16	87.14 6.78 -6.19	73.07 5.51 0.00	79.52 5.71 0.00
HOLTSVILLE_IC_8 23697	90.64 5.92 -14.96	71.04 5.02 -7.47	68.06 4.76 -2.81	103.75 7.05 -9.14	137.15 9.92 -7.44	130.21 7.88 -31.64	128.25 8.49 -29.58	147.27 11.45 -11.86	209.56 17.08 -0.03	264.17 18.74 -62.18	237.43 17.78 -26.45	235.07 20.46 -0.09	290.14 24.13 -0.01	178.82 13.28 -14.60	274.60 10.07 -153.90	313.16 5.16 -257.90	262.00 5.66 -200.19	264.11 5.67 -201.30	284.13 6.80 -207.54	275.94 10.13 -154.63	221.97 10.04 -102.16	87.14 6.78 -6.19	73.07 5.51 0.00	79.52 5.71 0.00
HOLTSVILLE_IC_9 23698	90.64 5.92 -14.96	71.04 5.02 -7.47	68.06 4.76 -2.81	103.75 7.05 -9.14	137.15 9.92 -7.44	130.21 7.88 -31.64	128.25 8.49 -29.58	147.27 11.45 -11.86	209.56 17.08 -0.03	264.17 18.74 -62.18	237.43 17.78 -26.45	235.07 20.46 -0.09	290.14 24.13 -0.01	178.82 13.28 -14.60	274.60 10.07 -153.90	313.16 5.16 -257.90	262.00 5.66 -200.19	264.11 5.67 -201.30	284.13 6.80 -207.54	275.94 10.13 -154.63	221.97 10.04 -102.16	87.14 6.78 -6.19	73.07 5.51 0.00	79.52 5.71 0.00
HOMER_HL_115KV_TB2 355744	65.98 -3.77 0.00	55.48 -3.06 0.00	57.34 -3.15 0.00	82.63 -4.93 0.00	112.96 -6.83 0.00	85.21 -5.48 0.00	83.67 -6.51 0.00	114.20 -9.76 0.00	178.64 -13.81 0.00	167.23 -12.47 3.55	179.72 -13.47 0.00	202.23 -12.28 0.00	251.29 -14.72 0.00	141.03 -9.92 0.00	102.44 -8.19 0.00	46.19 -3.89 0.01	50.68 -5.01 0.46	52.52 -4.61 0.00	56.88 -5.37 7.54	82.40 -10.49 18.30	70.68 -10.48 28.62	47.73 -6.95 19.48	58.63 -6.12 2.81	65.13 -6.33 2.35
HOWARD_WT_PWR 323690	64.81 -4.94 0.00	54.41 -4.13 0.00	55.42 -5.07 0.00	79.82 -7.73 0.00	109.34 -10.45 0.00	82.40 -8.30 0.00	81.94 -8.23 0.00	111.43 -12.52 0.00	174.65 -17.80 0.00	158.78 -17.02 7.44	175.54 -17.66 0.00	195.85 -18.66 0.00	245.08 -20.93 0.00	136.06 -14.89 0.00	98.78 -11.85 0.00	44.73 -5.30 0.06	49.38 -5.80 0.98	51.56 -5.59 0.00	53.23 -7.06 9.50	118.80 -12.54 -20.15	83.89 -12.46 13.42	29.95 -8.68 35.54	76.51 -8.05 -17.00	59.97 -8.91 4.93

HQ_GEN_CEDARS 23644	70.90 1.15 0.00	59.37 0.82 0.00	61.58 1.09 0.00	89.08 1.52 0.00	121.63 1.83 0.00	92.09 1.40 0.00	91.45 1.27 0.00	126.08 2.13 0.00	194.68 2.23 0.00	183.17 -0.08 0.00	193.02 -0.17 0.00	213.76 -0.75 0.00	266.59 0.59 0.00	152.01 1.06 0.00	110.74 0.11 0.00	49.63 -0.46 0.00	55.81 -0.34 0.00	56.63 -0.51 0.00	69.16 -0.62 0.00	111.18 -0.01 0.00	110.30 0.52 0.00	74.84 0.68 0.00	68.39 0.83 0.00	75.22 1.41 0.00
HQ_GEN_CEDARS_PROXY 323590	70.90 1.15 0.00	59.37 0.82 0.00	61.58 1.09 0.00	89.08 1.52 0.00	121.63 1.83 0.00	92.09 1.40 0.00	87.48 1.27 3.97	126.08 2.13 0.00	194.68 2.24 0.00	183.17 -0.08 0.00	193.02 -0.17 0.00	225.77 -0.74 -12.00	277.36 0.59 -10.77	176.11 1.07 -24.09	108.50 0.11 2.24	45.41 -0.46 4.22	55.82 -0.34 0.00	56.63 -0.51 0.00	69.17 -0.62 0.00	111.16 -0.02 0.00	110.29 0.52 0.00	74.83 0.67 0.00	68.39 0.83 0.00	75.24 1.43 0.00
HQ_GEN_IMPORT 323601	69.76 0.01 0.00	58.42 -0.12 0.00	60.65 0.16 0.00	87.89 0.34 0.00	120.15 0.36 0.00	90.97 0.27 0.00	90.45 0.27 0.00	124.75 0.80 0.00	192.84 0.39 0.00	181.97 -1.28 0.00	192.18 -1.02 0.00	212.64 -1.86 0.00	264.71 -1.30 0.00	152.25 -0.28 -1.58	96.75 -0.72 13.16	41.33 -0.64 8.11	55.68 -0.48 0.00	56.55 -0.59 0.00	69.08 -0.70 0.00	110.82 -0.36 0.00	109.75 -0.03 0.00	74.37 0.20 0.00	67.87 0.31 0.00	74.45 0.64 0.00
HQ_GEN_WHEEL 23651	69.76 0.01 0.00	58.42 -0.12 0.00	60.65 0.16 0.00	87.89 0.34 0.00	120.15 0.36 0.00	90.97 0.27 0.00	90.45 0.27 0.00	124.75 0.80 0.00	192.84 0.39 0.00	181.97 -1.28 0.00	192.18 -1.02 0.00	212.64 -1.86 0.00	264.71 -1.30 0.00	152.25 -0.28 -1.58	96.75 -0.72 13.16	41.33 -0.64 8.11	55.68 -0.48 0.00	56.55 -0.59 0.00	69.08 -0.70 0.00	110.82 -0.36 0.00	109.75 -0.03 0.00	74.37 0.20 0.00	67.87 0.31 0.00	74.45 0.64 0.00
HUDSON_AVE_GT_3 23810	72.97 3.21 0.00	61.24 2.69 0.00	62.90 2.42 0.00	91.07 3.51 0.00	124.87 5.08 0.00	94.95 4.26 0.00	94.91 4.73 0.00	130.61 6.66 0.00	203.77 11.32 0.00	196.33 13.08 0.00	205.91 12.71 0.00	229.09 14.58 0.00	282.42 16.42 0.00	159.41 8.46 0.00	117.41 6.78 0.00	53.62 3.37 -0.17	59.62 3.47 0.00	60.87 3.74 0.00	74.32 4.53 0.00	117.81 6.62 0.00	116.09 6.31 0.00	81.37 3.88 -3.34	70.98 3.41 0.00	77.10 3.29 0.00
HUDSON_AVE_GT_4 23540	72.97 3.21 0.00	61.24 2.69 0.00	62.90 2.42 0.00	91.07 3.51 0.00	124.87 5.08 0.00	94.95 4.26 0.00	94.91 4.73 0.00	130.61 6.66 0.00	203.77 11.32 0.00	196.33 13.08 0.00	205.91 12.71 0.00	229.09 14.58 0.00	282.42 16.42 0.00	159.41 8.46 0.00	117.41 6.78 0.00	53.62 3.37 -0.17	59.62 3.47 0.00	60.87 3.74 0.00	74.32 4.53 0.00	117.81 6.62 0.00	116.09 6.31 0.00	81.37 3.88 -3.34	70.98 3.41 0.00	77.10 3.29 0.00
HUDSON_AVE_GT_5 23657	72.97 3.21 0.00	61.24 2.69 0.00	62.90 2.42 0.00	91.07 3.51 0.00	124.87 5.08 0.00	94.95 4.26 0.00	94.91 4.73 0.00	130.61 6.66 0.00	203.77 11.32 0.00	196.33 13.08 0.00	205.91 12.71 0.00	229.09 14.58 0.00	282.42 16.42 0.00	159.41 8.46 0.00	117.41 6.78 0.00	53.62 3.37 -0.17	59.62 3.47 0.00	60.87 3.74 0.00	74.32 4.53 0.00	117.81 6.62 0.00	116.09 6.31 0.00	81.37 3.88 -3.34	70.98 3.41 0.00	77.10 3.29 0.00
HUDSON_AVE_10 24168	72.81 3.06 0.00	61.11 2.56 0.00	62.75 2.27 0.00	90.87 3.31 0.00	124.57 4.77 0.00	94.76 4.06 0.00	94.73 4.55 0.00	130.37 6.41 0.00	203.40 10.94 0.00	195.95 12.69 0.00	205.46 12.26 0.00	228.62 14.11 0.00	281.73 15.73 0.00	158.99 8.04 0.00	117.11 6.48 0.00	53.51 3.26 -0.17	59.48 3.32 0.00	60.75 3.61 0.00	74.18 4.39 0.00	117.55 6.37 0.00	115.89 6.11 0.00	81.24 3.75 -3.34	70.86 3.30 0.00	76.98 3.17 0.00
HUDSON___115KV_TB 4 355613	74.74 4.99 0.00	62.89 4.34 0.00	64.84 4.35 0.00	93.86 6.31 0.00	128.47 8.68 0.00	96.87 6.17 0.00	95.80 5.63 0.00	131.02 7.07 0.00	203.90 11.45 0.00	195.50 12.25 0.00	205.87 12.67 0.00	228.64 14.13 0.00	282.82 16.82 0.00	159.98 9.03 0.00	117.52 6.89 0.00	53.53 3.24 -0.20	59.63 3.48 0.00	60.75 3.61 0.00	74.17 4.38 0.00	117.88 6.69 0.00	116.09 6.31 0.00	92.24 4.15 -13.93	71.36 3.80 0.00	78.39 4.58 0.00
HUNTER MOUNT___DRP 323613	75.41 5.66 0.00	63.47 4.92 0.00	65.44 4.95 0.00	94.71 7.15 0.00	129.65 9.86 0.00	97.80 7.10 0.00	96.81 6.63 0.00	132.38 8.43 0.00	206.10 13.65 0.00	197.50 14.25 0.00	208.06 14.86 0.00	231.00 16.49 0.00	285.82 19.81 0.00	161.61 10.65 0.00	118.69 8.06 0.00	54.05 3.77 -0.19	60.27 4.11 0.00	61.39 4.25 0.00	74.96 5.17 0.00	119.09 7.90 0.00	117.20 7.43 0.00	90.99 4.87 -11.95	71.98 4.43 0.00	78.98 5.17 0.00
HUNTINGTON_RES_REC 323705	90.04 5.29 -15.00	70.53 4.51 -7.47	67.60 4.31 -2.81	103.10 6.41 -9.14	136.30 9.06 -7.44	129.58 7.24 -31.64	127.56 7.80 -29.58	160.68 10.41 -26.31	207.73 15.21 -0.07	346.93 17.31 -146.36	270.77 15.31 -62.26	232.72 17.99 -0.22	286.88 20.86 -0.01	197.23 11.92 -34.36	482.83 9.93 -362.26	563.58 5.16 -508.33	281.58 5.29 -220.12	443.25 5.11 -381.00	563.84 6.52 -487.53	484.39 9.47 -363.74	337.78 9.24 -218.76	86.64 6.28 -6.20	72.63 5.07 0.00	79.06 5.25 0.00
HUNTLEY___63 23557	64.37 -5.38 0.00	54.09 -4.46 0.00	55.89 -4.60 0.00	80.35 -7.21 0.00	109.78 -10.02 0.00	83.41 -7.29 0.00	81.92 -8.26 0.00	111.34 -12.61 0.00	175.06 -17.39 0.00	164.47 -16.37 2.41	174.57 -18.62 0.00	196.10 -18.41 0.00	242.91 -23.09 0.00	136.70 -14.25 0.00	99.52 -11.11 0.00	45.48 -4.61 0.00	50.56 -5.28 0.32	51.94 -5.19 0.00	57.06 -6.49 6.24	74.13 -13.55 23.51	68.32 -13.13 28.33	50.68 -8.54 14.94	53.63 -7.48 6.46	64.32 -7.89 1.59
HUNTLEY___64 23558	64.37 -5.38 0.00	54.09 -4.46 0.00	55.89 -4.60 0.00	80.35 -7.21 0.00	109.78 -10.02 0.00	83.41 -7.29 0.00	81.92 -8.26 0.00	111.34 -12.61 0.00	175.06 -17.39 0.00	164.47 -16.37 2.41	174.57 -18.62 0.00	196.10 -18.41 0.00	242.91 -23.09 0.00	136.70 -14.25 0.00	99.52 -11.11 0.00	45.48 -4.61 0.00	50.56 -5.28 0.32	51.94 -5.19 0.00	57.06 -6.49 6.24	74.13 -13.55 23.51	68.32 -13.13 28.33	50.68 -8.54 14.94	53.63 -7.48 6.46	64.32 -7.89 1.59
HUNTLEY___65 23559	64.37 -5.38 0.00	54.09 -4.46 0.00	55.89 -4.60 0.00	80.35 -7.21 0.00	109.78 -10.02 0.00	83.41 -7.29 0.00	81.92 -8.26 0.00	111.34 -12.61 0.00	175.06 -17.39 0.00	164.47 -16.37 2.41	174.57 -18.62 0.00	196.10 -18.41 0.00	242.91 -23.09 0.00	136.70 -14.25 0.00	99.52 -11.11 0.00	45.48 -4.61 0.00	50.56 -5.28 0.32	51.94 -5.19 0.00	57.06 -6.49 6.24	74.13 -13.55 23.51	68.32 -13.13 28.33	50.68 -8.54 14.94	53.63 -7.48 6.46	64.32 -7.89 1.59
HUNTLEY___66 23560	64.37 -5.38 0.00	54.09 -4.46 0.00	55.89 -4.60 0.00	80.35 -7.21 0.00	109.78 -10.02 0.00	83.41 -7.29 0.00	81.92 -8.26 0.00	111.34 -12.61 0.00	175.06 -17.39 0.00	164.47 -16.37 2.41	174.57 -18.62 0.00	196.10 -18.41 0.00	242.91 -23.09 0.00	136.70 -14.25 0.00	99.52 -11.11 0.00	45.48 -4.61 0.00	50.56 -5.28 0.32	51.94 -5.19 0.00	57.06 -6.49 6.24	74.13 -13.55 23.51	68.32 -13.13 28.33	50.68 -8.54 14.94	53.63 -7.48 6.46	64.32 -7.89 1.59

HUNTLEY___67 23561	64.33 -5.42 0.00	54.04 -4.50 0.00	55.81 -4.68 0.00	80.24 -7.31 0.00	109.65 -10.14 0.00	83.26 -7.44 0.00	82.00 -8.18 0.00	111.62 -12.33 0.00	175.43 -17.02 0.00	164.61 -16.13 2.52	174.79 -18.41 0.00	196.19 -18.32 0.00	243.27 -22.73 0.00	136.86 -14.09 0.00	99.56 -11.06 0.00	45.33 -4.76 0.00	50.34 -5.48 0.33	51.71 -5.42 0.00	56.10 -6.80 6.88	70.21 -14.05 26.92	64.50 -13.66 31.62	49.35 -8.91 15.90	52.35 -7.84 7.37	63.94 -8.20 1.67
HUNTLEY___68 23562	64.33 -5.42 0.00	54.04 -4.50 0.00	55.81 -4.68 0.00	80.24 -7.31 0.00	109.65 -10.14 0.00	83.26 -7.44 0.00	82.00 -8.18 0.00	111.62 -12.33 0.00	175.43 -17.02 0.00	164.61 -16.13 2.52	174.79 -18.41 0.00	196.19 -18.32 0.00	243.27 -22.73 0.00	136.86 -14.09 0.00	99.56 -11.06 0.00	45.33 -4.76 0.00	50.34 -5.48 0.33	51.71 -5.42 0.00	56.10 -6.80 6.88	70.21 -14.05 26.92	64.50 -13.66 31.62	49.35 -8.91 15.90	52.35 -7.84 7.37	63.94 -8.20 1.67
HYLAND___LFG 323620	67.49 -2.26 0.00	56.61 -1.93 0.00	58.21 -2.28 0.00	83.58 -3.98 0.00	114.17 -5.62 0.00	86.98 -3.72 0.00	86.76 -3.42 0.00	118.77 -5.18 0.00	185.72 -6.73 0.00	172.41 -6.85 3.99	185.24 -7.96 0.00	205.33 -9.18 0.00	253.39 -12.61 0.00	142.88 -8.07 0.00	104.11 -6.52 0.00	47.35 -2.73 0.02	53.01 -2.62 0.52	55.18 -1.97 -0.01	65.21 -2.49 2.08	143.28 -6.47 -38.56	116.66 -6.67 -13.56	53.01 -4.50 16.65	83.19 -4.37 -20.00	66.17 -5.00 2.64
INDECK___CORINTH 23802	74.13 4.37 0.00	62.20 3.65 0.00	64.11 3.63 0.00	92.94 5.38 0.00	127.39 7.60 0.00	96.77 6.07 0.00	96.27 6.09 0.00	131.57 7.61 0.00	204.85 12.40 0.00	196.85 13.60 0.00	207.23 14.03 0.00	229.55 15.04 0.00	283.14 17.14 0.00	160.30 9.34 0.00	117.85 7.22 0.00	53.61 3.31 -0.21	59.71 3.55 0.00	61.06 3.93 0.00	74.45 4.66 0.00	118.37 7.19 0.00	116.59 6.81 0.00	116.10 5.80 -36.13	73.13 5.57 0.00	79.47 5.66 0.00
INDECK___ILION 23567	74.32 4.57 0.00	62.25 3.70 0.00	63.71 3.23 0.00	92.37 4.81 0.00	126.47 6.67 0.00	96.20 5.51 0.00	95.34 5.16 0.00	129.40 5.45 0.00	202.25 9.80 0.00	195.85 12.60 0.00	205.62 12.42 0.00	229.22 14.71 0.00	284.21 18.20 0.00	160.79 9.84 0.00	119.16 8.53 0.00	54.14 4.05 0.00	60.55 4.39 0.00	61.87 4.73 0.00	75.44 5.65 0.00	119.39 8.20 0.00	116.71 6.93 0.00	78.90 4.73 0.00	71.59 4.03 0.00	77.51 3.70 0.00
INDECK___OLEAN 23982	65.98 -3.77 0.00	55.48 -3.07 0.00	57.34 -3.14 0.00	82.63 -4.93 0.00	112.96 -6.83 0.00	85.21 -5.48 0.00	83.67 -6.51 0.00	114.19 -9.77 0.00	178.64 -13.81 0.00	167.24 -12.47 3.55	179.70 -13.50 0.00	202.22 -12.29 0.00	251.24 -14.76 0.00	141.04 -9.91 0.00	102.45 -8.18 0.00	46.20 -3.88 0.01	50.67 -5.02 0.46	52.55 -4.59 0.00	56.87 -5.37 7.54	82.44 -10.45 18.30	70.64 -10.51 28.62	47.74 -6.94 19.48	58.66 -6.09 2.81	65.11 -6.36 2.35
INDECK___OSWEGO 23783	66.44 -3.31 0.00	55.77 -2.77 0.00	57.50 -2.99 0.00	83.04 -4.51 0.00	113.62 -6.18 0.00	86.08 -4.62 0.00	85.52 -4.66 0.00	117.58 -6.37 0.00	183.07 -9.38 0.00	174.71 -8.55 0.00	184.04 -9.16 0.00	204.96 -9.55 0.00	253.94 -12.06 0.00	143.95 -7.00 0.00	105.58 -5.05 0.00	47.97 -2.14 -0.02	53.61 -2.54 0.00	54.57 -2.57 0.00	66.63 -3.16 0.00	105.63 -5.60 -0.04	104.91 -5.62 -0.75	70.25 -3.91 0.00	63.92 -3.64 0.00	70.04 -3.77 0.00
INDECK___YERKES 23781	64.34 -5.41 0.00	54.07 -4.48 0.00	55.87 -4.62 0.00	80.33 -7.23 0.00	109.77 -10.02 0.00	83.40 -7.30 0.00	81.89 -8.29 0.00	111.26 -12.69 0.00	174.98 -17.47 0.00	164.40 -16.44 2.41	174.53 -18.67 0.00	195.97 -18.54 0.00	242.71 -23.29 0.00	136.65 -14.30 0.00	99.53 -11.10 0.00	45.52 -4.57 0.00	50.62 -5.22 0.32	52.03 -5.10 0.00	57.14 -6.41 6.24	74.36 -13.31 23.51	68.46 -13.00 28.33	50.77 -8.46 14.94	53.73 -7.37 6.46	64.41 -7.80 1.59
INDIAN POINT_GT_1 24139	72.48 2.73 0.00	60.87 2.33 0.00	62.56 2.07 0.00	90.64 3.08 0.00	124.23 4.44 0.00	94.38 3.69 0.00	94.16 3.98 0.00	129.30 5.35 0.00	201.45 9.00 0.00	194.01 10.76 0.00	203.75 10.55 0.00	226.77 12.26 0.00	279.85 13.85 0.00	158.11 7.16 0.00	116.38 5.75 0.00	53.14 2.89 -0.16	59.11 2.96 0.00	60.33 3.20 0.00	73.68 3.89 0.00	116.92 5.73 0.00	115.20 5.42 0.00	80.79 3.33 -3.30	70.46 2.90 0.00	76.59 2.78 0.00
INDIAN POINT_GT_2 23659	72.48 2.73 0.00	60.87 2.33 0.00	62.56 2.07 0.00	90.64 3.08 0.00	124.23 4.44 0.00	94.38 3.69 0.00	94.16 3.98 0.00	129.30 5.35 0.00	201.45 9.00 0.00	194.01 10.76 0.00	203.75 10.55 0.00	226.77 12.26 0.00	279.85 13.85 0.00	158.11 7.16 0.00	116.38 5.75 0.00	53.14 2.89 -0.16	59.11 2.96 0.00	60.33 3.20 0.00	73.68 3.89 0.00	116.92 5.73 0.00	115.20 5.42 0.00	80.79 3.33 -3.30	70.46 2.90 0.00	76.59 2.78 0.00
INDIAN POINT_GT_3 24019	72.48 2.73 0.00	60.87 2.33 0.00	62.56 2.07 0.00	90.64 3.08 0.00	124.23 4.44 0.00	94.38 3.69 0.00	94.16 3.98 0.00	129.30 5.35 0.00	201.45 9.00 0.00	194.01 10.76 0.00	203.75 10.55 0.00	226.77 12.26 0.00	279.85 13.85 0.00	158.11 7.16 0.00	116.38 5.75 0.00	53.14 2.89 -0.16	59.11 2.96 0.00	60.33 3.20 0.00	73.68 3.89 0.00	116.92 5.73 0.00	115.20 5.42 0.00	80.79 3.33 -3.30	70.46 2.90 0.00	76.59 2.78 0.00
INDIAN POINT___2 23530	72.29 2.54 0.00	60.71 2.16 0.00	62.40 1.91 0.00	90.42 2.86 0.00	123.95 4.16 0.00	94.14 3.45 0.00	93.90 3.73 0.00	128.98 5.03 0.00	200.92 8.47 0.00	193.50 10.25 0.00	203.24 10.04 0.00	226.19 11.68 0.00	279.11 13.11 0.00	157.73 6.77 0.00	116.06 5.43 0.00	53.00 2.75 -0.16	58.96 2.81 0.00	60.17 3.03 0.00	73.50 3.71 0.00	116.60 5.42 0.00	114.95 5.17 0.00	80.53 3.12 -3.25	70.28 2.72 0.00	76.40 2.59 0.00
INDIAN POINT___3 23531	72.38 2.63 0.00	60.79 2.25 0.00	62.47 1.98 0.00	90.52 2.96 0.00	124.07 4.28 0.00	94.23 3.54 0.00	94.00 3.82 0.00	129.09 5.14 0.00	201.10 8.65 0.00	193.64 10.39 0.00	203.42 10.22 0.00	226.34 11.83 0.00	279.34 13.34 0.00	157.86 6.91 0.00	116.17 5.54 0.00	53.05 2.80 -0.16	59.02 2.86 0.00	60.22 3.08 0.00	73.56 3.77 0.00	116.70 5.52 0.00	115.01 5.23 0.00	80.66 3.20 -3.30	70.36 2.80 0.00	76.48 2.68 0.00
INGHAM_C_115KV_TB7 356103	73.78 4.03 0.00	61.80 3.25 0.00	63.26 2.77 0.00	91.67 4.12 0.00	125.51 5.72 0.00	95.45 4.76 0.00	94.53 4.35 0.00	128.25 4.30 0.00	200.32 7.87 0.00	194.07 10.82 0.00	203.77 10.57 0.00	227.09 12.58 0.00	281.55 15.54 0.00	159.39 8.44 0.00	118.12 7.49 0.00	53.69 3.60 0.00	60.00 3.85 0.00	61.30 4.16 0.00	74.76 4.96 0.00	118.38 7.19 0.00	115.74 5.96 0.00	78.28 4.12 0.00	71.07 3.51 0.00	76.99 3.18 0.00
IP CORINTH___1 23988	74.48 4.72 0.00	62.50 3.96 0.00	64.45 3.97 0.00	93.40 5.85 0.00	128.02 8.23 0.00	97.25 6.55 0.00	96.80 6.62 0.00	132.25 8.29 0.00	205.95 13.50 0.00	197.90 14.65 0.00	208.32 15.12 0.00	230.79 16.28 0.00	284.69 18.69 0.00	161.08 10.13 0.00	118.41 7.78 0.00	53.87 3.57 -0.21	60.00 3.84 0.00	61.37 4.23 0.00	74.81 5.02 0.00	118.93 7.74 0.00	117.11 7.33 0.00	116.19 5.89 -36.13	73.13 5.57 0.00	79.47 5.66 0.00

IP___TICONDEROGA 23804	79.03 9.28 0.00	65.89 7.34 0.00	67.99 7.50 0.00	98.71 11.15 0.00	135.43 15.64 0.00	103.63 12.93 0.00	103.41 13.24 0.00	139.89 15.94 0.00	218.15 25.70 0.00	210.85 27.60 0.00	221.68 28.48 0.00	245.12 30.61 0.00	299.12 33.12 0.00	168.15 17.20 0.00	124.12 13.50 0.00	56.19 5.89 -0.21	62.49 6.33 0.00	64.49 7.35 0.00	78.33 8.55 0.00	124.86 13.68 0.00	123.14 13.36 0.00	118.77 8.81 -35.79	75.60 8.04 0.00	81.49 7.68 0.00
ISLIP_RES_REC 323679	91.03 6.31 -14.96	71.36 5.34 -7.47	68.38 5.08 -2.81	104.20 7.50 -9.14	137.79 10.56 -7.44	130.72 8.38 -31.64	128.78 9.03 -29.58	147.10 12.27 -10.87	210.88 18.40 -0.03	259.71 20.04 -56.42	236.36 19.16 -24.00	236.73 22.13 -0.09	292.03 26.02 -0.01	178.56 14.36 -13.25	261.18 10.90 -139.64	294.01 5.55 -238.37	253.96 6.07 -191.73	252.24 6.09 -189.00	265.48 7.31 -188.38	262.41 10.90 -140.32	214.68 10.72 -94.18	87.58 7.22 -6.19	73.43 5.87 0.00	79.89 6.09 0.00
JAMAICA__27_KV_LOAD 355505	73.32 3.57 0.00	61.54 2.99 0.00	63.19 2.71 0.00	91.44 3.88 0.00	125.35 5.56 0.00	95.49 4.79 0.00	95.47 5.29 0.00	131.50 7.55 0.00	205.22 12.77 0.00	197.68 14.43 0.00	207.05 13.85 0.00	230.55 16.04 0.00	283.84 17.84 0.00	160.13 9.18 0.00	117.94 7.31 0.00	53.92 3.66 -0.17	59.92 3.77 0.00	61.20 4.06 0.00	74.76 4.97 0.00	118.32 7.14 0.00	116.69 6.91 0.00	81.77 4.27 -3.34	71.39 3.84 0.00	77.49 3.69 0.00
JANIS___SOLAR 323808	71.96 2.21 0.00	59.99 1.45 0.00	61.65 1.16 0.00	88.68 1.12 0.00	121.53 1.73 0.00	92.47 1.78 0.00	91.82 1.64 0.00	126.25 2.30 0.00	197.08 4.63 0.00	194.49 4.49 -6.75	197.35 4.15 0.00	219.70 5.18 0.00	273.50 7.49 0.00	154.96 4.01 0.00	113.69 3.06 0.00	51.96 1.74 -0.13	59.06 2.02 -0.89	59.48 2.34 0.00	86.94 3.20 -13.95	146.58 4.44 -30.96	162.45 3.85 -48.82	116.15 1.92 -40.07	72.90 1.44 -3.89	79.21 0.93 -4.47
JARVIS____ 23743	70.33 0.58 0.00	59.07 0.52 0.00	60.93 0.44 0.00	88.17 0.62 0.00	120.64 0.84 0.00	91.33 0.64 0.00	90.82 0.64 0.00	124.71 0.76 0.00	193.82 1.37 0.00	185.01 1.75 0.00	194.98 1.78 0.00	216.66 2.15 0.00	268.39 2.39 0.00	152.32 1.37 0.00	111.86 1.23 0.00	50.72 0.62 0.00	56.79 0.63 0.00	57.80 0.66 0.00	70.59 0.80 0.00	112.31 1.13 0.00	110.76 0.98 0.00	74.77 0.60 0.00	68.08 0.52 0.00	74.29 0.48 0.00
JENNISON___1 23625	71.53 1.78 0.00	59.49 0.94 0.00	61.18 0.69 0.00	88.01 0.45 0.00	120.67 0.88 0.00	91.65 0.95 0.00	90.75 0.57 0.00	124.71 0.76 0.00	195.03 2.58 0.00	187.23 2.65 -1.32	195.74 2.54 0.00	217.99 3.48 0.00	271.65 5.65 0.00	154.28 3.33 0.00	113.74 3.11 0.00	51.99 1.82 -0.08	58.58 2.25 -0.17	59.39 2.25 0.00	75.64 2.95 -2.90	123.02 4.28 -7.55	123.69 3.54 -10.38	86.59 1.94 -10.49	70.24 1.33 -1.35	75.82 1.13 -0.87
JENNISON___2 23626	71.53 1.78 0.00	59.49 0.94 0.00	61.18 0.69 0.00	88.01 0.45 0.00	120.67 0.88 0.00	91.65 0.95 0.00	90.75 0.57 0.00	124.71 0.76 0.00	195.03 2.58 0.00	187.23 2.65 -1.32	195.74 2.54 0.00	217.99 3.48 0.00	271.65 5.65 0.00	154.28 3.33 0.00	113.74 3.11 0.00	51.99 1.82 -0.08	58.58 2.25 -0.17	59.39 2.25 0.00	75.64 2.95 -2.90	123.02 4.28 -7.55	123.69 3.54 -10.38	86.59 1.94 -10.49	70.24 1.33 -1.35	75.82 1.13 -0.87
JERICHO_RISE_WT_PWR 323719	71.16 1.41 0.00	59.67 1.12 0.00	61.71 1.22 0.00	89.38 1.82 0.00	122.15 2.36 0.00	92.39 1.70 0.00	91.84 1.66 0.00	125.91 1.95 0.00	193.97 1.52 0.00	183.10 -0.16 0.00	190.89 -2.31 0.00	211.43 -3.08 0.00	264.48 -1.52 0.00	150.92 -0.03 0.00	109.81 -0.82 0.00	48.82 -1.27 0.00	54.88 -1.27 0.00	55.59 -1.55 0.00	67.79 -2.00 0.00	108.70 -2.49 0.00	107.74 -2.03 0.00	73.15 -1.02 0.00	66.98 -0.58 0.00	73.88 0.07 0.00
KATONAH___115KV_46KV_TB4 355592	73.52 3.76 0.00	61.70 3.16 0.00	63.45 2.96 0.00	91.89 4.34 0.00	125.90 6.11 0.00	95.72 5.02 0.00	95.53 5.36 0.00	131.26 7.31 0.00	204.52 12.07 0.00	196.89 13.63 0.00	206.86 13.66 0.00	230.20 15.69 0.00	284.04 18.04 0.00	160.56 9.60 0.00	118.11 7.47 0.00	53.92 3.66 -0.17	59.99 3.84 0.00	61.27 4.12 0.00	74.82 5.03 0.00	118.60 7.42 0.00	116.83 7.05 0.00	81.93 4.37 -3.40	71.36 3.80 0.00	77.54 3.73 0.00
KCE_NY_1 323755	74.12 4.37 0.00	62.30 3.76 0.00	64.21 3.73 0.00	92.97 5.42 0.00	127.39 7.60 0.00	96.54 5.84 0.00	96.02 5.85 0.00	131.48 7.53 0.00	204.32 11.87 0.00	196.12 12.87 0.00	206.54 13.34 0.00	229.47 14.96 0.00	283.71 17.71 0.00	160.70 9.75 0.00	118.13 7.50 0.00	53.81 3.51 -0.21	59.98 3.82 0.00	61.18 4.04 0.00	74.61 4.82 0.00	118.45 7.26 0.00	116.79 7.01 0.00	114.37 4.89 -35.31	72.04 4.48 0.00	78.40 4.59 0.00
KCE_NY_6_ESR 323823	65.27 -4.48 0.00	54.77 -3.78 0.00	56.55 -3.94 0.00	81.32 -6.23 0.00	111.20 -8.60 0.00	84.45 -6.24 0.00	83.24 -6.94 0.00	113.44 -10.51 0.00	178.12 -14.33 0.00	166.98 -13.54 2.74	177.49 -15.71 0.00	199.20 -15.31 0.00	246.90 -19.10 0.00	138.83 -12.12 0.00	101.18 -9.45 0.00	46.05 -4.04 0.00	51.03 -4.77 0.36	52.50 -4.63 0.00	56.61 -5.83 7.34	70.59 -12.34 28.25	64.29 -12.13 33.36	49.12 -7.87 17.17	52.91 -6.96 7.69	64.60 -7.39 1.81
KEDC_PORT_JEFF_GT2 24210	90.63 5.91 -14.97	71.04 5.02 -7.47	68.05 4.75 -2.81	103.74 7.04 -9.14	137.13 9.89 -7.44	130.20 7.87 -31.64	128.23 8.47 -29.58	148.81 11.41 -13.45	208.82 16.34 -0.04	272.77 18.11 -71.41	240.54 16.96 -30.37	234.25 19.63 -0.11	289.06 23.05 -0.01	180.49 12.77 -16.76	297.72 10.36 -176.73	344.59 5.31 -289.20	275.33 5.56 -213.61	283.65 5.52 -220.99	314.74 6.73 -238.22	298.62 9.89 -177.54	234.48 9.77 -114.94	87.13 6.78 -6.19	73.07 5.52 0.00	79.51 5.71 0.00
KEDC_PORT_JEFF_GT3 24211	90.63 5.91 -14.97	71.04 5.02 -7.47	68.05 4.75 -2.81	103.74 7.04 -9.14	137.13 9.89 -7.44	130.20 7.87 -31.64	128.23 8.47 -29.58	148.81 11.41 -13.45	208.82 16.34 -0.04	272.77 18.11 -71.41	240.54 16.96 -30.37	234.25 19.63 -0.11	289.06 23.05 -0.01	180.49 12.77 -16.76	297.72 10.36 -176.73	344.59 5.31 -289.20	275.33 5.56 -213.61	283.65 5.52 -220.99	314.74 6.73 -238.22	298.62 9.89 -177.54	234.48 9.77 -114.94	87.13 6.78 -6.19	73.07 5.52 0.00	79.51 5.71 0.00
KEDC_GLWD_GT4 24219	88.96 4.27 -14.93	69.59 3.57 -7.47	66.57 3.28 -2.81	101.63 4.93 -9.14	134.24 7.00 -7.44	128.06 5.72 -31.64	125.91 6.15 -29.58	133.56 8.42 -1.19	205.68 13.23 0.00	198.27 15.02 0.00	207.51 14.31 0.00	231.10 16.59 0.00	285.15 19.14 0.00	161.20 10.25 0.00	118.82 8.19 0.00	101.22 4.16 -46.98	163.92 4.38 -103.39	130.26 4.55 -68.57	76.04 5.52 -0.73	119.47 8.11 -0.17	133.56 7.76 -16.03	85.36 5.00 -6.19	71.76 4.20 0.00	78.06 4.25 0.00
KEDC_GLWD_GT5 24220	88.96 4.27 -14.93	69.59 3.57 -7.47	66.57 3.28 -2.81	101.63 4.93 -9.14	134.24 7.00 -7.44	128.06 5.72 -31.64	125.91 6.15 -29.58	133.56 8.42 -1.19	205.68 13.23 0.00	198.27 15.02 0.00	207.51 14.31 0.00	231.10 16.59 0.00	285.15 19.14 0.00	161.20 10.25 0.00	118.82 8.19 0.00	101.22 4.16 -46.98	163.92 4.38 -103.39	130.26 4.55 -68.57	76.04 5.52 -0.73	119.47 8.11 -0.17	133.56 7.76 -16.03	85.36 5.00 -6.19	71.76 4.20 0.00	78.06 4.25 0.00

KENSICO____ 23655	72.73 2.98 0.00	61.07 2.52 0.00	62.76 2.27 0.00	90.92 3.36 0.00	124.60 4.81 0.00	94.67 3.98 0.00	94.48 4.30 0.00	129.80 5.85 0.00	202.28 9.83 0.00	194.79 11.54 0.00	204.52 11.32 0.00	227.61 13.10 0.00	280.81 14.80 0.00	158.66 7.71 0.00	116.78 6.15 0.00	53.33 3.08 -0.17	59.33 3.17 0.00	60.54 3.40 0.00	73.94 4.15 0.00	117.27 6.08 0.00	115.60 5.83 0.00	81.07 3.58 -3.33	70.69 3.13 0.00	76.84 3.03 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	73.37 3.61 0.00	61.63 3.09 0.00	63.33 2.85 0.00	91.73 4.18 0.00	125.76 5.97 0.00	95.49 4.80 0.00	95.38 5.20 0.00	131.04 7.08 0.00	204.31 11.86 0.00	196.67 13.42 0.00	206.88 13.68 0.00	230.25 15.73 0.00	284.26 18.26 0.00	160.58 9.63 0.00	118.11 7.48 0.00	53.87 3.62 -0.16	60.00 3.85 0.00	61.26 4.12 0.00	74.81 5.02 0.00	118.60 7.42 0.00	116.78 7.00 0.00	82.43 4.29 -3.98	71.23 3.67 0.00	77.32 3.51 0.00
KIAC_JFK_GT1 23816	72.59 2.84 0.00	60.91 2.36 0.00	62.56 2.08 0.00	90.52 2.97 0.00	124.11 4.32 0.00	94.54 3.84 0.00	94.56 4.38 0.00	130.22 6.27 0.00	203.14 10.68 0.00	195.66 12.41 0.00	205.02 11.82 0.00	228.21 13.70 0.00	281.02 15.02 0.00	158.54 7.59 0.00	116.74 6.11 0.00	53.37 3.12 -0.17	59.31 3.15 0.00	60.58 3.45 0.00	73.99 4.21 0.00	117.14 5.96 0.00	115.53 5.75 0.00	81.00 3.50 -3.34	70.67 3.11 0.00	76.73 2.92 0.00
KIAC_JFK_GT2 23817	72.59 2.84 0.00	60.91 2.36 0.00	62.56 2.08 0.00	90.52 2.97 0.00	124.11 4.32 0.00	94.54 3.84 0.00	94.56 4.38 0.00	130.22 6.27 0.00	203.14 10.68 0.00	195.66 12.41 0.00	205.02 11.82 0.00	228.21 13.70 0.00	281.02 15.02 0.00	158.54 7.59 0.00	116.74 6.11 0.00	53.37 3.12 -0.17	59.31 3.15 0.00	60.58 3.45 0.00	73.99 4.21 0.00	117.14 5.96 0.00	115.53 5.75 0.00	81.00 3.50 -3.34	70.67 3.11 0.00	76.73 2.92 0.00
KIAC_JFK____ 323774	72.58 2.83 0.00	60.91 2.36 0.00	62.56 2.07 0.00	90.52 2.97 0.00	124.11 4.32 0.00	94.54 3.84 0.00	94.56 4.38 0.00	130.22 6.27 0.00	203.13 10.68 0.00	195.64 12.39 0.00	205.02 11.82 0.00	228.21 13.71 0.00	281.01 15.01 0.00	158.54 7.59 0.00	116.74 6.11 0.00	53.38 3.12 -0.17	59.30 3.15 0.00	60.58 3.45 0.00	74.00 4.21 0.00	117.12 5.93 0.00	115.52 5.74 0.00	81.00 3.50 -3.34	70.67 3.12 0.00	76.72 2.91 0.00
KINTIGH____ 23543	64.50 -5.25 0.00	54.22 -4.32 0.00	56.01 -4.48 0.00	80.55 -7.01 0.00	110.15 -9.64 0.00	83.58 -7.12 0.00	82.45 -7.73 0.00	112.36 -11.60 0.00	176.24 -16.21 0.00	166.16 -15.27 1.82	175.96 -17.24 0.00	197.41 -17.10 0.00	244.78 -21.22 0.00	137.96 -12.99 0.00	100.40 -10.22 0.00	45.68 -4.41 0.00	50.81 -5.10 0.24	52.11 -5.02 0.00	58.80 -6.30 4.69	81.74 -12.78 16.66	75.94 -12.60 21.24	54.67 -8.26 11.23	56.16 -7.23 4.17	65.04 -7.56 1.21
KNTFSRNC_46_KV_46KV_LOAD 80397	72.80 3.05 0.00	60.99 2.45 0.00	63.01 2.53 0.00	91.19 3.63 0.00	124.42 4.62 0.00	94.11 3.41 0.00	93.55 3.37 0.00	127.74 3.79 0.00	197.00 4.55 0.00	186.26 3.00 0.00	194.08 0.88 0.00	215.04 0.53 0.00	268.75 2.75 0.00	153.28 2.32 0.00	111.90 1.27 0.00	49.83 -0.26 0.00	55.94 -0.22 0.00	56.66 -0.48 0.00	69.11 -0.68 0.00	110.60 -0.58 0.00	109.47 -0.31 0.00	74.19 0.03 0.00	67.87 0.31 0.00	74.91 1.10 0.00
LACHUTE____HYDRO 323717	79.03 9.28 0.00	65.89 7.34 0.00	67.99 7.50 0.00	98.71 11.15 0.00	135.43 15.64 0.00	103.62 12.93 0.00	103.41 13.23 0.00	139.89 15.94 0.00	218.15 25.70 0.00	210.83 27.58 0.00	221.68 28.48 0.00	245.12 30.61 0.00	299.12 33.12 0.00	168.15 17.19 0.00	124.12 13.49 0.00	56.19 5.89 -0.21	62.49 6.33 0.00	64.49 7.35 0.00	78.33 8.54 0.00	124.87 13.69 0.00	123.12 13.34 0.00	118.77 8.81 -35.79	75.59 8.03 0.00	81.49 7.68 0.00
LAWRNCANV_115KV_TB1 80681	71.43 1.67 0.00	59.75 1.20 0.00	61.86 1.37 0.00	89.36 1.80 0.00	121.77 1.98 0.00	92.15 1.45 0.00	91.26 1.09 0.00	125.80 1.85 0.00	194.11 1.66 0.00	182.62 -0.64 0.00	192.90 -0.30 0.00	213.80 -0.71 0.00	266.82 0.82 0.00	152.35 1.40 0.00	111.03 0.40 0.00	49.57 -0.52 0.00	55.53 -0.63 0.00	56.22 -0.92 0.00	68.70 -1.09 0.00	110.38 -0.80 0.00	109.59 -0.19 0.00	74.49 0.33 0.00	68.22 0.66 0.00	75.18 1.37 0.00
LEDERLE____ 23769	72.40 2.65 0.00	60.80 2.26 0.00	62.47 1.99 0.00	90.54 2.98 0.00	124.13 4.34 0.00	94.32 3.62 0.00	94.08 3.90 0.00	129.22 5.26 0.00	201.29 8.84 0.00	193.92 10.66 0.00	203.68 10.48 0.00	226.70 12.18 0.00	279.83 13.83 0.00	158.14 7.19 0.00	116.30 5.67 0.00	53.10 2.86 -0.16	59.09 2.94 0.00	60.31 3.17 0.00	73.71 3.92 0.00	116.92 5.74 0.00	115.20 5.42 0.00	80.65 3.28 -3.20	70.43 2.87 0.00	76.55 2.74 0.00
LIGHTRSE_115KV_TB6 355974	68.78 -0.98 0.00	57.56 -0.99 0.00	59.29 -1.19 0.00	85.44 -2.11 0.00	116.86 -2.93 0.00	88.28 -2.41 0.00	87.50 -2.68 0.00	120.49 -3.46 0.00	187.46 -4.99 0.00	178.69 -4.56 0.00	188.35 -4.85 0.00	210.38 -4.13 0.00	261.06 -4.94 0.00	148.57 -2.38 0.00	109.11 -1.51 0.00	49.54 -0.56 -0.02	55.15 -1.01 0.00	55.86 -1.28 0.00	68.23 -1.56 0.00	108.14 -3.05 0.00	106.97 -2.81 0.00	72.10 -2.06 0.00	65.34 -2.22 0.00	71.11 -2.70 0.00
LINDEN COGEN____ 23786	72.37 2.61 0.00	60.76 2.22 0.00	62.39 1.91 0.00	90.33 2.78 0.00	123.84 4.04 0.00	94.19 3.50 0.00	94.10 3.92 0.00	129.44 5.49 0.00	201.80 9.35 0.00	194.48 11.23 0.00	201.65 10.84 2.39	226.64 12.48 0.34	264.83 13.86 15.04	157.95 7.00 0.01	116.34 5.71 0.00	53.16 2.91 -0.17	59.09 2.94 0.00	60.35 3.22 0.00	73.69 3.90 0.00	116.81 5.63 0.00	115.19 5.41 0.00	80.76 3.26 -3.34	70.40 2.84 0.00	76.48 2.67 0.00
LINDHRST_69_KV_BK1 356055	89.96 5.27 -14.93	70.44 4.42 -7.47	67.46 4.16 -2.81	102.89 6.18 -9.14	135.99 8.75 -7.44	129.35 7.02 -31.64	127.38 7.62 -29.58	136.10 10.35 -1.80	208.06 15.61 0.00	204.17 17.37 -3.54	211.35 16.64 -1.51	233.65 19.13 0.00	288.27 22.27 0.00	163.82 12.03 -0.83	128.97 9.57 -8.76	113.94 4.87 -58.98	175.11 5.24 -113.72	138.63 5.36 -76.12	88.77 6.48 -12.51	129.70 9.55 -8.97	140.01 9.30 -20.93	86.49 6.14 -6.19	72.60 5.05 0.00	79.06 5.25 0.00
LIPA_MISC_IPP 23656	90.45 5.74 -14.96	70.92 4.89 -7.47	67.92 4.62 -2.81	103.51 6.81 -9.14	136.81 9.57 -7.44	129.89 7.55 -31.64	127.90 8.14 -29.58	145.99 10.97 -11.07	208.83 16.35 -0.03	258.72 17.90 -57.56	234.41 16.72 -24.49	233.98 19.38 -0.09	288.83 22.83 -0.01	177.03 12.56 -13.51	263.60 10.49 -142.48	297.80 5.46 -242.25	255.39 5.63 -193.61	254.05 5.46 -191.45	268.69 6.70 -192.19	263.98 9.63 -143.17	214.89 9.34 -95.77	86.67 6.32 -6.19	72.67 5.11 0.00	79.15 5.34 0.00
LISF____SOLAR 323691	90.61 5.89 -14.96	71.04 5.02 -7.47	68.04 4.74 -2.81	103.69 6.99 -9.14	137.05 9.81 -7.44	130.09 7.75 -31.64	128.11 8.35 -29.58	146.50 11.29 -11.25	209.33 16.85 -0.03	260.32 18.45 -58.61	235.40 17.26 -24.94	234.58 19.98 -0.09	289.63 23.63 -0.01	177.72 13.01 -13.76	266.53 10.81 -145.08	301.55 5.64 -245.82	257.09 5.82 -195.11	256.49 5.65 -193.69	272.42 6.94 -195.69	267.00 10.04 -145.78	216.67 9.67 -97.22	86.87 6.51 -6.19	72.83 5.27 0.00	79.30 5.50 0.00

LITTLE FALLS___HYD 24013	73.78 4.03 0.00	61.80 3.25 0.00	63.26 2.77 0.00	91.67 4.12 0.00	125.51 5.72 0.00	95.45 4.76 0.00	94.53 4.35 0.00	128.25 4.30 0.00	200.32 7.87 0.00	194.07 10.82 0.00	203.77 10.57 0.00	227.09 12.58 0.00	281.55 15.54 0.00	159.39 8.44 0.00	118.12 7.49 0.00	53.69 3.60 0.00	60.00 3.85 0.00	61.30 4.16 0.00	74.76 4.96 0.00	118.38 7.19 0.00	115.74 5.96 0.00	78.28 4.12 0.00	71.07 3.51 0.00	76.99 3.18 0.00
LITTLRIV_115KV_TB1 356100	72.42 2.66 0.00	60.56 2.01 0.00	62.73 2.25 0.00	90.65 3.10 0.00	123.47 3.67 0.00	93.52 2.82 0.00	92.73 2.56 0.00	127.73 3.77 0.00	197.01 4.56 0.00	185.18 1.93 0.00	195.57 2.37 0.00	216.99 2.48 0.00	270.85 4.85 0.00	154.65 3.70 0.00	112.70 2.06 0.00	50.32 0.23 0.00	56.26 0.10 0.00	56.98 -0.16 0.00	69.63 -0.16 0.00	111.84 0.66 0.00	111.08 1.30 0.00	75.47 1.30 0.00	69.15 1.59 0.00	76.27 2.46 0.00
LI_NEWBRDGE___DRP 323616	88.49 3.80 -14.93	69.22 3.20 -7.47	66.23 2.93 -2.81	101.12 4.42 -9.14	133.51 6.27 -7.44	127.44 5.10 -31.64	125.23 5.48 -29.58	132.53 7.38 -1.19	203.85 11.40 0.00	196.46 13.21 0.00	205.74 12.54 0.00	229.01 14.50 0.00	282.67 16.66 0.00	159.81 8.86 0.00	117.79 7.16 0.00	100.76 3.69 -46.97	161.10 3.88 -101.06	129.75 4.04 -68.56	75.38 4.86 -0.73	118.46 7.10 -0.17	132.63 6.82 -16.03	84.77 4.42 -6.19	71.29 3.73 0.00	77.56 3.75 0.00
LOCKPORT_115KV_TB60_63_64 80432	64.10 -5.65 0.00	53.86 -4.68 0.00	55.60 -4.88 0.00	79.87 -7.69 0.00	109.19 -10.61 0.00	82.96 -7.73 0.00	81.48 -8.70 0.00	110.49 -13.46 0.00	173.71 -18.74 0.00	163.48 -17.58 2.20	173.21 -19.99 0.00	194.41 -20.10 0.00	240.89 -25.11 0.00	135.71 -15.24 0.00	98.67 -11.96 0.00	45.05 -5.04 0.00	50.06 -5.81 0.29	51.37 -5.77 0.00	57.28 -7.18 5.32	76.71 -14.78 19.69	71.27 -14.30 24.20	51.68 -9.09 13.39	53.98 -7.89 5.69	64.03 -8.33 1.45
LOCKPORT___CC1 323769	63.74 -6.01 0.00	53.56 -4.98 0.00	55.30 -5.19 0.00	79.45 -8.11 0.00	108.59 -11.21 0.00	82.52 -8.18 0.00	81.04 -9.14 0.00	109.93 -14.02 0.00	172.86 -19.59 0.00	162.59 -18.42 2.24	172.24 -20.96 0.00	193.38 -21.13 0.00	239.65 -26.35 0.00	134.97 -15.98 0.00	98.21 -12.42 0.00	44.83 -5.26 0.00	49.78 -6.08 0.29	51.12 -6.01 0.00	54.44 -7.53 7.82	65.97 -15.19 30.02	59.42 -14.84 35.51	49.69 -9.38 15.10	53.38 -8.13 6.05	63.72 -8.60 1.48
LOCKPORT___CC2 323770	63.74 -6.01 0.00	53.56 -4.98 0.00	55.30 -5.19 0.00	79.45 -8.11 0.00	108.59 -11.21 0.00	82.52 -8.18 0.00	81.04 -9.14 0.00	109.93 -14.02 0.00	172.86 -19.59 0.00	162.59 -18.42 2.24	172.24 -20.96 0.00	193.38 -21.13 0.00	239.65 -26.35 0.00	134.97 -15.98 0.00	98.21 -12.42 0.00	44.83 -5.26 0.00	49.78 -6.08 0.29	51.12 -6.01 0.00	54.44 -7.53 7.82	65.97 -15.19 30.02	59.42 -14.84 35.51	49.69 -9.38 15.10	53.38 -8.13 6.05	63.72 -8.60 1.48
LOCKPORT___CC3 323771	63.74 -6.01 0.00	53.56 -4.98 0.00	55.30 -5.19 0.00	79.45 -8.11 0.00	108.59 -11.21 0.00	82.52 -8.18 0.00	81.04 -9.14 0.00	109.93 -14.02 0.00	172.86 -19.59 0.00	162.59 -18.42 2.24	172.24 -20.96 0.00	193.38 -21.13 0.00	239.65 -26.35 0.00	134.97 -15.98 0.00	98.21 -12.42 0.00	44.83 -5.26 0.00	49.78 -6.08 0.29	51.12 -6.01 0.00	54.44 -7.53 7.82	65.97 -15.19 30.02	59.42 -14.84 35.51	49.69 -9.38 15.10	53.38 -8.13 6.05	63.72 -8.60 1.48
LONG_LAKE_PHOENIX 24014	67.12 -2.63 0.00	56.35 -2.19 0.00	58.04 -2.45 0.00	83.90 -3.66 0.00	114.79 -5.01 0.00	87.02 -3.67 0.00	86.52 -3.66 0.00	118.95 -5.01 0.00	185.32 -7.13 0.00	176.87 -6.38 0.00	186.29 -6.91 0.00	207.44 -7.07 0.00	256.95 -9.05 0.00	145.50 -5.45 0.00	106.66 -3.97 0.00	48.46 -1.64 -0.02	54.22 -1.94 0.00	55.22 -1.91 0.00	67.45 -2.34 0.00	106.78 -4.42 -0.01	105.45 -4.53 -0.20	70.95 -3.21 0.00	64.53 -3.03 0.00	70.41 -3.40 0.00
LOVETT___3 23632	72.05 2.30 0.00	60.52 1.97 0.00	62.18 1.70 0.00	90.13 2.57 0.00	123.53 3.74 0.00	93.85 3.15 0.00	93.60 3.43 0.00	128.50 4.54 0.00	200.17 7.72 0.00	192.84 9.58 0.00	202.50 9.30 0.00	225.39 10.88 0.00	278.12 12.12 0.00	157.21 6.26 0.00	115.64 5.01 0.00	52.81 2.56 -0.16	58.76 2.61 0.00	59.96 2.82 0.00	73.26 3.48 0.00	116.24 5.05 0.00	114.55 4.78 0.00	80.24 2.87 -3.21	70.06 2.50 0.00	76.16 2.35 0.00
LOVETT___4 23642	72.05 2.30 0.00	60.52 1.97 0.00	62.18 1.70 0.00	90.13 2.57 0.00	123.53 3.74 0.00	93.85 3.15 0.00	93.60 3.43 0.00	128.50 4.54 0.00	200.17 7.72 0.00	192.84 9.58 0.00	202.50 9.30 0.00	225.39 10.88 0.00	278.12 12.12 0.00	157.21 6.26 0.00	115.64 5.01 0.00	52.81 2.56 -0.16	58.76 2.61 0.00	59.96 2.82 0.00	73.26 3.48 0.00	116.24 5.05 0.00	114.55 4.78 0.00	80.24 2.87 -3.21	70.06 2.50 0.00	76.16 2.35 0.00
LOVETT___5 23593	72.05 2.30 0.00	60.52 1.97 0.00	62.18 1.70 0.00	90.13 2.57 0.00	123.53 3.74 0.00	93.85 3.15 0.00	93.60 3.43 0.00	128.50 4.54 0.00	200.17 7.72 0.00	192.84 9.58 0.00	202.50 9.30 0.00	225.39 10.88 0.00	278.12 12.12 0.00	157.21 6.26 0.00	115.64 5.01 0.00	52.81 2.56 -0.16	58.76 2.61 0.00	59.96 2.82 0.00	73.26 3.48 0.00	116.24 5.05 0.00	114.55 4.78 0.00	80.24 2.87 -3.21	70.06 2.50 0.00	76.16 2.35 0.00
LOWER RAQUET___HYD 24057	71.59 1.84 0.00	59.87 1.32 0.00	61.94 1.46 0.00	89.45 1.90 0.00	121.81 2.02 0.00	92.15 1.45 0.00	91.20 1.02 0.00	125.70 1.75 0.00	193.91 1.46 0.00	182.45 -0.81 0.00	192.87 -0.33 0.00	213.79 -0.72 0.00	266.89 0.89 0.00	152.45 1.50 0.00	111.11 0.48 0.00	49.55 -0.54 0.00	55.44 -0.72 0.00	56.08 -1.06 0.00	68.55 -1.23 0.00	110.15 -1.03 0.00	109.38 -0.40 0.00	74.38 0.22 0.00	68.18 0.62 0.00	75.18 1.38 0.00
LOWER___HUDSON 24059	73.32 3.56 0.00	61.69 3.15 0.00	63.56 3.08 0.00	92.00 4.44 0.00	125.89 6.10 0.00	95.28 4.59 0.00	94.64 4.47 0.00	129.32 5.37 0.00	201.11 8.66 0.00	192.98 9.72 0.00	203.30 10.10 0.00	226.00 11.48 0.00	279.47 13.47 0.00	158.38 7.43 0.00	116.52 5.89 0.00	53.13 2.83 -0.21	59.15 3.00 0.00	60.26 3.12 0.00	73.59 3.80 0.00	117.08 5.89 0.00	115.37 5.59 0.00	107.58 3.79 -29.62	71.02 3.46 0.00	77.39 3.59 0.00
LOWVILLE_115KV_TB2 356335	72.41 2.66 0.00	60.31 1.76 0.00	61.93 1.45 0.00	88.88 1.33 0.00	121.47 1.67 0.00	91.16 0.46 0.00	90.56 0.38 0.00	125.08 1.13 0.00	193.86 1.41 0.00	184.17 0.91 0.00	194.27 1.07 0.00	215.92 1.40 0.00	268.91 2.91 0.00	154.56 3.61 0.00	114.05 3.42 0.00	51.75 1.66 -0.01	57.57 1.42 0.00	57.55 0.41 0.00	70.93 1.14 0.00	112.51 1.34 0.01	111.48 1.88 0.17	74.78 0.62 0.00	67.22 -0.34 0.00	73.19 -0.61 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	74.10 4.34 0.00	62.28 3.74 0.00	64.19 3.71 0.00	92.96 5.41 0.00	127.30 7.51 0.00	96.49 5.79 0.00	95.96 5.78 0.00	131.33 7.37 0.00	204.31 11.86 0.00	195.99 12.73 0.00	206.40 13.20 0.00	229.29 14.78 0.00	283.44 17.44 0.00	160.53 9.58 0.00	118.00 7.37 0.00	53.77 3.47 -0.21	59.93 3.77 0.00	61.14 4.01 0.00	74.53 4.74 0.00	118.45 7.26 0.00	116.68 6.91 0.00	114.31 4.83 -35.31	71.98 4.42 0.00	78.34 4.54 0.00

LUTHERNY_35_KV_BK2 355980	74.12 4.37 0.00	62.30 3.76 0.00	64.22 3.73 0.00	92.97 5.42 0.00	127.39 7.59 0.00	96.54 5.84 0.00	96.02 5.84 0.00	131.48 7.53 0.00	204.32 11.87 0.00	196.12 12.86 0.00	206.55 13.35 0.00	229.47 14.96 0.00	283.71 17.71 0.00	160.70 9.75 0.00	118.13 7.50 0.00	53.81 3.51 -0.21	59.98 3.82 0.00	61.18 4.04 0.00	74.61 4.82 0.00	118.46 7.27 0.00	116.77 7.00 0.00	114.37 4.89 -35.31	72.03 4.47 0.00	78.40 4.60 0.00
LWR___OSWEGATCHIE_HYD 23850	71.87 2.12 0.00	59.96 1.41 0.00	61.84 1.35 0.00	89.07 1.52 0.00	121.42 1.63 0.00	91.52 0.82 0.00	90.76 0.58 0.00	125.13 1.18 0.00	193.28 0.83 0.00	182.57 -0.68 0.00	193.04 -0.16 0.00	214.56 0.05 0.00	267.69 1.69 0.00	153.33 2.38 0.00	112.38 1.75 0.00	50.54 0.45 0.00	56.31 0.16 0.00	56.64 -0.50 0.00	69.44 -0.35 0.00	110.88 -0.30 0.00	110.12 0.35 0.00	74.40 0.23 0.00	67.58 0.02 0.00	74.10 0.29 0.00
LYONS_FALL_HYD 23570	72.25 2.50 0.00	60.36 1.81 0.00	62.10 1.62 0.00	89.40 1.84 0.00	122.24 2.45 0.00	92.14 1.44 0.00	91.65 1.47 0.00	126.38 2.43 0.00	196.25 3.80 0.00	186.71 3.46 0.00	196.98 3.78 0.00	218.90 4.39 0.00	272.06 6.06 0.00	155.46 4.51 0.00	114.49 3.86 0.00	51.94 1.84 -0.01	57.93 1.77 0.00	58.28 1.14 0.00	71.58 1.79 0.00	113.58 2.42 0.01	112.24 2.67 0.20	75.48 1.31 0.00	68.12 0.56 0.00	74.19 0.38 0.00
MADISON___COUNTY_LFGE 323628	71.62 1.87 0.00	60.12 1.57 0.00	62.00 1.51 0.00	89.65 2.09 0.00	122.79 3.00 0.00	93.19 2.49 0.00	92.92 2.74 0.00	127.80 3.84 0.00	199.16 6.71 0.00	189.87 6.62 0.00	200.26 7.06 0.00	222.75 8.24 0.00	276.11 10.11 0.00	156.44 5.48 0.00	114.85 4.22 0.00	52.10 2.00 -0.01	58.32 2.17 0.00	59.05 1.91 0.00	72.22 2.43 0.00	114.48 3.32 0.03	112.43 3.10 0.45	75.97 1.81 0.00	68.86 1.30 0.00	74.98 1.17 0.00
MALONE___115KV_TB1 356076	72.96 3.21 0.00	61.07 2.52 0.00	63.12 2.63 0.00	91.28 3.73 0.00	124.62 4.83 0.00	94.37 3.68 0.00	93.78 3.60 0.00	128.88 4.92 0.00	198.84 6.39 0.00	187.63 4.38 0.00	196.12 2.92 0.00	217.33 2.83 0.00	271.52 5.52 0.00	154.81 3.86 0.00	112.69 2.06 0.00	50.16 0.07 0.00	56.32 0.16 0.00	57.03 -0.11 0.00	69.57 -0.21 0.00	111.51 0.32 0.00	110.51 0.74 0.00	75.01 0.84 0.00	68.57 1.01 0.00	75.52 1.71 0.00
MAPLEWOD_115KV_TB3 80458	73.05 3.30 0.00	61.47 2.93 0.00	63.35 2.86 0.00	91.70 4.15 0.00	125.50 5.71 0.00	94.83 4.13 0.00	94.05 3.87 0.00	128.57 4.62 0.00	200.03 7.58 0.00	191.87 8.62 0.00	202.17 8.97 0.00	224.70 10.19 0.00	277.81 11.81 0.00	157.50 6.55 0.00	115.85 5.22 0.00	52.84 2.54 -0.20	58.84 2.68 0.00	59.86 2.72 0.00	73.11 3.32 0.00	116.39 5.21 0.00	114.73 4.95 0.00	101.04 3.29 -23.58	70.54 2.98 0.00	77.10 3.29 0.00
MAPLE_RIDGE_WT_1 323574	69.57 -0.18 0.00	58.30 -0.24 0.00	60.21 -0.28 0.00	86.65 -0.90 0.00	118.20 -1.60 0.00	89.43 -1.27 0.00	88.99 -1.19 0.00	122.60 -1.35 0.00	189.40 -3.05 0.00	179.29 -3.96 0.00	188.92 -4.28 0.00	210.01 -4.50 0.00	262.35 -3.65 0.00	150.16 -0.79 0.00	110.20 -0.43 0.00	49.76 -0.33 0.00	55.86 -0.30 0.00	56.73 -0.41 0.00	69.22 -0.56 0.00	110.65 -0.54 0.00	109.47 -0.31 0.00	74.02 -0.14 0.00	67.44 -0.12 0.00	73.79 -0.02 0.00
MAPLE_RIDGE_WT_2 323611	69.57 -0.18 0.00	58.30 -0.24 0.00	60.21 -0.28 0.00	86.65 -0.90 0.00	118.20 -1.60 0.00	89.43 -1.27 0.00	88.99 -1.19 0.00	122.60 -1.35 0.00	189.40 -3.05 0.00	179.29 -3.96 0.00	188.92 -4.28 0.00	210.01 -4.50 0.00	262.35 -3.65 0.00	150.16 -0.79 0.00	110.20 -0.43 0.00	49.76 -0.33 0.00	55.86 -0.30 0.00	56.73 -0.41 0.00	69.22 -0.56 0.00	110.65 -0.54 0.00	109.47 -0.31 0.00	74.02 -0.14 0.00	67.44 -0.12 0.00	73.79 -0.02 0.00
MARBLE_RIVER_WT_PWR 323696	71.24 1.49 0.00	59.75 1.21 0.00	61.77 1.29 0.00	89.46 1.90 0.00	122.19 2.39 0.00	92.43 1.74 0.00	91.85 1.67 0.00	125.75 1.80 0.00	193.75 1.30 0.00	183.00 -0.25 0.00	190.83 -2.37 0.00	211.22 -3.29 0.00	264.19 -1.81 0.00	150.84 -0.11 0.00	109.89 -0.73 0.00	48.91 -1.18 0.00	54.91 -1.24 0.00	55.64 -1.50 0.00	67.83 -1.96 0.00	108.64 -2.55 0.00	107.61 -2.17 0.00	73.01 -1.15 0.00	66.89 -0.67 0.00	73.78 -0.03 0.00
MARSHVLE_115KV_TB1 80742	74.33 4.58 0.00	62.10 3.55 0.00	63.84 3.36 0.00	92.17 4.61 0.00	126.35 6.55 0.00	95.94 5.24 0.00	95.57 5.40 0.00	131.24 7.29 0.00	203.97 11.52 0.00	194.07 10.82 0.00	204.34 11.14 0.00	227.35 12.84 0.00	282.97 16.97 0.00	161.13 10.18 0.00	118.14 7.51 0.00	53.72 3.40 -0.23	59.99 3.83 0.00	61.15 4.01 0.00	74.71 4.92 0.00	118.51 7.32 0.00	116.62 6.84 0.00	111.39 4.36 -32.86	71.26 3.70 0.00	77.56 3.75 0.00
MARSH_HILL_WT_PWR 323713	64.78 -4.98 0.00	54.38 -4.17 0.00	55.39 -5.09 0.00	79.86 -7.70 0.00	109.35 -10.44 0.00	82.41 -8.28 0.00	81.97 -8.21 0.00	111.50 -12.45 0.00	174.84 -17.61 0.00	159.57 -16.87 6.81	175.74 -17.46 0.00	195.92 -18.59 0.00	245.14 -20.86 0.00	136.08 -14.87 0.00	98.82 -11.81 0.00	44.78 -5.26 0.05	49.49 -5.77 0.89	51.55 -5.59 -0.01	55.01 -7.00 7.77	125.72 -12.42 -26.95	91.60 -12.35 5.83	33.94 -8.65 31.57	78.44 -8.01 -18.89	60.46 -8.84 4.51
MCINTYRE_115KV_TB2 80467	72.70 2.95 0.00	60.82 2.28 0.00	63.12 2.63 0.00	91.27 3.71 0.00	124.41 4.62 0.00	94.32 3.63 0.00	93.73 3.55 0.00	129.22 5.27 0.00	199.29 6.84 0.00	187.05 3.80 0.00	197.37 4.17 0.00	218.67 4.16 0.00	272.91 6.91 0.00	155.79 4.84 0.00	113.48 2.85 0.00	50.72 0.63 0.00	56.89 0.74 0.00	57.68 0.54 0.00	70.48 0.70 0.00	113.27 2.09 0.00	112.47 2.70 0.00	76.36 2.20 0.00	69.83 2.27 0.00	76.93 3.12 0.00
MECO_____69_KV_BK1 80468	75.36 5.61 0.00	63.08 4.53 0.00	64.93 4.44 0.00	93.84 6.29 0.00	128.64 8.84 0.00	97.70 7.00 0.00	97.39 7.21 0.00	133.79 9.84 0.00	208.21 15.76 0.00	198.67 15.42 0.00	209.12 15.92 0.00	232.50 17.99 0.00	288.77 22.77 0.00	163.96 13.01 0.00	120.33 9.71 0.00	54.74 4.42 -0.23	61.12 4.97 0.00	62.40 5.26 0.00	76.18 6.39 0.00	120.80 9.61 0.00	118.79 9.01 0.00	115.21 5.77 -35.27	72.49 4.93 0.00	78.86 5.05 0.00
MENANDS___115KV_TB5 355628	72.71 2.96 0.00	61.21 2.66 0.00	63.07 2.58 0.00	91.30 3.74 0.00	124.95 5.15 0.00	94.37 3.67 0.00	93.49 3.31 0.00	127.71 3.76 0.00	198.66 6.21 0.00	190.60 7.34 0.00	200.77 7.57 0.00	223.16 8.65 0.00	275.93 9.93 0.00	156.43 5.48 0.00	115.07 4.44 0.00	52.47 2.18 -0.20	58.42 2.26 0.00	59.40 2.27 0.00	72.57 2.78 0.00	115.55 4.37 0.00	113.93 4.15 0.00	99.13 2.80 -22.16	70.12 2.56 0.00	76.71 2.90 0.00
MG INDUSTRY___DRP 24185	74.94 5.18 0.00	63.06 4.51 0.00	65.02 4.53 0.00	94.14 6.59 0.00	128.77 8.98 0.00	97.17 6.48 0.00	96.21 6.03 0.00	131.44 7.49 0.00	204.20 11.75 0.00	195.49 12.23 0.00	205.79 12.59 0.00	228.55 14.04 0.00	282.80 16.80 0.00	160.09 9.14 0.00	117.63 7.00 0.00	53.58 3.30 -0.20	59.74 3.58 0.00	60.85 3.71 0.00	74.29 4.50 0.00	118.15 6.96 0.00	116.41 6.63 0.00	91.83 4.46 -13.20	71.70 4.14 0.00	78.68 4.87 0.00

MID___OSWEGATCHIE_HYD 23849	71.87 2.12 0.00	59.96 1.41 0.00	61.84 1.35 0.00	89.07 1.52 0.00	121.42 1.63 0.00	91.52 0.82 0.00	90.76 0.58 0.00	125.13 1.18 0.00	193.28 0.83 0.00	182.57 -0.68 0.00	193.04 -0.16 0.00	214.56 0.05 0.00	267.69 1.69 0.00	153.33 2.38 0.00	112.38 1.75 0.00	50.54 0.45 0.00	56.31 0.16 0.00	56.64 -0.50 0.00	69.44 -0.35 0.00	110.88 -0.30 0.00	110.12 0.35 0.00	74.40 0.23 0.00	67.58 0.02 0.00	74.10 0.29 0.00
MID___RAQUETTE_HYD 23851	71.59 1.84 0.00	59.87 1.32 0.00	61.95 1.46 0.00	89.46 1.90 0.00	121.81 2.02 0.00	92.15 1.45 0.00	91.20 1.02 0.00	125.70 1.75 0.00	193.92 1.47 0.00	182.45 -0.81 0.00	192.86 -0.33 0.00	213.79 -0.72 0.00	266.88 0.88 0.00	152.45 1.50 0.00	111.11 0.48 0.00	49.55 -0.54 0.00	55.44 -0.72 0.00	56.09 -1.05 0.00	68.55 -1.24 0.00	110.15 -1.03 0.00	109.38 -0.40 0.00	74.39 0.22 0.00	68.17 0.61 0.00	75.17 1.37 0.00
MILLIKEN___1 23584	69.90 0.15 0.00	58.67 0.12 0.00	60.42 -0.06 0.00	87.14 -0.42 0.00	119.20 -0.60 0.00	90.54 -0.15 0.00	90.12 -0.06 0.00	123.70 -0.25 0.00	193.09 0.64 0.00	192.23 0.87 -8.10	193.83 0.63 0.00	215.78 1.28 0.00	267.39 1.39 0.00	151.13 0.18 0.00	110.83 0.20 0.00	50.52 0.29 -0.14	57.48 0.26 -1.06	57.57 0.42 -0.01	87.12 0.63 -16.70	148.13 0.24 -36.70	168.01 -0.09 -58.31	120.71 -0.40 -46.94	71.57 -0.48 -4.49	78.32 -0.85 -5.36
MILLIKEN___2 23585	69.90 0.15 0.00	58.67 0.12 0.00	60.42 -0.06 0.00	87.14 -0.42 0.00	119.20 -0.60 0.00	90.54 -0.15 0.00	90.12 -0.06 0.00	123.70 -0.25 0.00	193.09 0.64 0.00	192.23 0.87 -8.10	193.83 0.63 0.00	215.78 1.28 0.00	267.39 1.39 0.00	151.13 0.18 0.00	110.83 0.20 0.00	50.52 0.29 -0.14	57.48 0.26 -1.06	57.57 0.42 -0.01	87.12 0.63 -16.70	148.13 0.24 -36.70	168.01 -0.09 -58.31	120.71 -0.40 -46.94	71.57 -0.48 -4.49	78.32 -0.85 -5.36
MILLIKEN___DIESEL 23629	69.90 0.15 0.00	58.67 0.12 0.00	60.42 -0.06 0.00	87.14 -0.42 0.00	119.20 -0.60 0.00	90.54 -0.15 0.00	90.12 -0.06 0.00	123.70 -0.25 0.00	193.09 0.64 0.00	192.23 0.87 -8.10	193.83 0.63 0.00	215.78 1.28 0.00	267.39 1.39 0.00	151.13 0.18 0.00	110.83 0.20 0.00	50.52 0.29 -0.14	57.48 0.26 -1.06	57.57 0.42 -0.01	87.12 0.63 -16.70	148.13 0.24 -36.70	168.01 -0.09 -58.31	120.71 -0.40 -46.94	71.57 -0.48 -4.49	78.32 -0.85 -5.36
MILLSEAT___LFGE 323607	65.92 -3.84 0.00	55.35 -3.20 0.00	57.11 -3.37 0.00	82.11 -5.45 0.00	112.28 -7.51 0.00	85.44 -5.26 0.00	84.21 -5.97 0.00	114.67 -9.28 0.00	180.17 -12.28 0.00	169.76 -11.46 2.03	179.66 -13.54 0.00	201.39 -13.12 0.00	249.47 -16.53 0.00	140.60 -10.35 0.00	102.28 -8.35 0.00	46.67 -3.42 0.00	51.91 -3.98 0.27	53.39 -3.74 0.00	60.17 -4.75 4.87	83.14 -10.59 17.44	77.29 -10.51 21.98	55.13 -6.72 12.32	56.81 -5.86 4.89	66.19 -6.27 1.34
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	72.60 2.84 0.00	60.96 2.41 0.00	62.65 2.17 0.00	90.77 3.22 0.00	124.39 4.60 0.00	94.49 3.79 0.00	94.29 4.11 0.00	129.52 5.57 0.00	201.76 9.31 0.00	194.29 11.04 0.00	204.03 10.83 0.00	227.07 12.56 0.00	280.20 14.20 0.00	158.33 7.38 0.00	116.52 5.89 0.00	53.21 2.96 -0.16	59.20 3.04 0.00	60.42 3.28 0.00	73.79 4.00 0.00	117.04 5.85 0.00	115.33 5.55 0.00	80.91 3.43 -3.32	70.56 3.00 0.00	76.69 2.89 0.00
MILLWOOD_13_KV_LOAD 356217	72.69 2.94 0.00	61.04 2.50 0.00	62.74 2.25 0.00	90.89 3.33 0.00	124.58 4.79 0.00	94.65 3.95 0.00	94.43 4.25 0.00	129.72 5.76 0.00	202.15 9.70 0.00	194.64 11.38 0.00	204.42 11.22 0.00	227.50 12.99 0.00	280.74 14.73 0.00	158.59 7.64 0.00	116.73 6.10 0.00	53.30 3.05 -0.16	59.30 3.14 0.00	60.53 3.39 0.00	73.93 4.14 0.00	117.25 6.06 0.00	115.54 5.76 0.00	81.03 3.55 -3.32	70.67 3.11 0.00	76.80 3.00 0.00
MODEL_CITY_ENERGY 24167	63.71 -6.05 0.00	53.54 -5.01 0.00	55.27 -5.22 0.00	79.39 -8.16 0.00	108.48 -11.31 0.00	82.42 -8.27 0.00	80.80 -9.38 0.00	109.42 -14.53 0.00	172.10 -20.35 0.00	161.88 -19.09 2.28	171.51 -21.69 0.00	192.54 -21.97 0.00	238.54 -27.46 0.00	134.39 -16.56 0.00	97.73 -12.90 0.00	44.63 -5.46 0.00	49.53 -6.32 0.30	50.84 -6.29 0.00	56.20 -7.83 5.76	74.00 -15.74 21.44	68.36 -15.28 26.14	50.40 -9.70 14.07	53.20 -8.39 5.96	63.41 -8.89 1.51
MODERN_LFGE___ 323580	63.71 -6.05 0.00	53.54 -5.01 0.00	55.27 -5.22 0.00	79.39 -8.16 0.00	108.48 -11.31 0.00	82.42 -8.27 0.00	80.80 -9.38 0.00	109.42 -14.53 0.00	172.10 -20.35 0.00	161.88 -19.09 2.28	171.51 -21.69 0.00	192.54 -21.97 0.00	238.54 -27.46 0.00	134.39 -16.56 0.00	97.73 -12.90 0.00	44.63 -5.46 0.00	49.53 -6.32 0.30	50.84 -6.29 0.00	56.20 -7.83 5.76	74.00 -15.74 21.44	68.36 -15.28 26.14	50.40 -9.70 14.07	53.20 -8.39 5.96	63.41 -8.89 1.51
MOHAWK_PAPER___DRP 24187	73.05 3.30 0.00	61.47 2.93 0.00	63.35 2.86 0.00	91.70 4.15 0.00	125.50 5.71 0.00	94.83 4.13 0.00	94.05 3.87 0.00	128.57 4.62 0.00	200.03 7.58 0.00	191.87 8.62 0.00	202.17 8.97 0.00	224.70 10.19 0.00	277.81 11.81 0.00	157.50 6.55 0.00	115.85 5.22 0.00	52.84 2.54 -0.20	58.84 2.68 0.00	59.86 2.72 0.00	73.11 3.32 0.00	116.39 5.21 0.00	114.73 4.95 0.00	101.04 3.29 -23.58	70.54 2.98 0.00	77.10 3.29 0.00
MOHICAN___35_KV_115KV_LD 80490	75.09 5.33 0.00	62.98 4.44 0.00	64.95 4.46 0.00	94.12 6.57 0.00	129.03 9.24 0.00	98.04 7.34 0.00	97.61 7.43 0.00	133.22 9.26 0.00	207.49 15.04 0.00	199.43 16.17 0.00	209.95 16.75 0.00	232.74 18.24 0.00	286.88 20.88 0.00	162.27 11.32 0.00	119.31 8.67 0.00	54.26 3.96 -0.21	60.41 4.25 0.00	61.81 4.67 0.00	75.37 5.58 0.00	119.83 8.65 0.00	118.00 8.22 0.00	115.93 6.18 -35.59	73.32 5.76 0.00	79.63 5.82 0.00
MONGAUP___HYD 23641	73.17 3.42 0.00	61.53 2.98 0.00	63.21 2.73 0.00	91.54 3.99 0.00	125.51 5.71 0.00	95.24 4.54 0.00	94.25 4.07 0.00	127.88 3.92 0.00	199.22 6.76 0.00	191.58 8.33 0.00	201.45 8.25 0.00	227.23 12.72 0.00	280.62 14.62 0.00	158.57 7.62 0.00	116.57 5.94 0.00	53.19 2.95 -0.15	59.26 3.10 0.00	60.57 3.44 0.00	74.00 4.21 0.00	117.42 6.24 0.00	116.25 6.47 0.00	81.25 4.06 -3.02	71.07 3.51 0.00	77.20 3.39 0.00
MONTAUK___DIESEL 23721	92.40 7.68 -14.96	73.03 7.01 -7.47	69.68 6.38 -2.81	105.65 8.95 -9.14	139.22 11.98 -7.44	130.59 8.25 -31.64	128.04 8.28 -29.58	145.87 10.77 -11.15	207.85 15.37 -0.03	256.74 15.47 -58.01	229.47 11.59 -24.68	229.41 14.81 -0.09	285.98 19.97 -0.01	175.15 10.58 -13.62	262.88 8.67 -143.58	300.13 6.28 -243.76	257.06 6.66 -194.25	255.85 6.32 -192.40	270.87 7.41 -193.67	262.61 7.15 -144.27	212.39 6.23 -96.38	85.41 5.05 -6.19	71.48 3.92 0.00	77.78 3.97 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	65.78 -3.97 0.00	55.05 -3.50 0.00	56.72 -3.76 0.00	82.83 -4.73 0.00	112.97 -6.82 0.00	85.63 -5.07 0.00	84.88 -5.30 0.00	115.93 -8.03 0.00	181.33 -11.12 0.00	169.25 -10.95 3.05	179.44 -13.76 0.00	201.33 -13.18 0.00	249.14 -16.86 0.00	139.67 -11.28 0.00	102.34 -8.30 0.00	46.09 -3.99 0.01	51.54 -4.21 0.40	53.35 -3.78 0.00	57.59 -4.68 7.52	75.43 -10.44 25.32	67.52 -10.03 32.23	48.62 -7.07 18.47	54.78 -6.61 6.17	64.49 -7.31 2.02

MORRIS_RIDGE___SOLAR 323848	65.28 -4.48 0.00	54.72 -3.83 0.00	56.27 -4.22 0.00	81.08 -6.47 0.00	110.71 -9.08 0.00	83.91 -6.79 0.00	83.13 -7.05 0.00	113.31 -10.64 0.00	177.61 -14.85 0.00	164.62 -14.20 4.43	177.46 -15.74 0.00	197.78 -16.74 0.00	245.49 -20.51 0.00	137.55 -13.40 0.00	100.51 -10.12 0.00	45.63 -4.44 0.02	50.36 -5.21 0.58	52.08 -5.04 0.02	46.43 -6.15 17.20	5.09 -11.48 94.62	7.53 -11.50 90.75	34.22 -7.88 32.07	28.75 -7.20 31.61	62.82 -8.06 2.93
MORTIMER_115KV_TB3 55949	66.50 -3.25 0.00	55.88 -2.67 0.00	57.65 -2.83 0.00	83.01 -4.55 0.00	113.63 -6.16 0.00	86.32 -4.38 0.00	85.63 -4.55 0.00	117.24 -6.71 0.00	183.49 -8.96 0.00	173.55 -8.35 1.35	183.47 -9.73 0.00	205.15 -9.36 0.00	254.25 -11.75 0.00	143.52 -7.44 0.00	104.68 -5.96 0.00	47.60 -2.50 -0.01	53.11 -2.87 0.18	54.42 -2.72 0.00	63.38 -3.43 2.97	95.36 -7.67 8.15	89.31 -7.70 12.76	61.13 -5.17 7.86	61.36 -4.62 1.58	67.96 -4.95 0.90
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	72.88 3.12 0.00	61.18 2.63 0.00	62.84 2.36 0.00	91.04 3.48 0.00	124.79 4.99 0.00	94.85 4.15 0.00	94.76 4.58 0.00	130.33 6.37 0.00	203.23 10.78 0.00	195.80 12.54 0.00	205.42 12.21 0.00	228.60 14.09 0.00	281.87 15.87 0.00	159.13 8.18 0.00	117.18 6.55 0.00	53.52 3.26 -0.17	59.51 3.36 0.00	60.76 3.62 0.00	74.17 4.38 0.00	117.59 6.41 0.00	115.92 6.15 0.00	81.28 3.78 -3.34	70.87 3.31 0.00	77.01 3.20 0.00
MUNSVILLE_WIND_PWR 323609	74.58 4.83 0.00	61.62 3.08 0.00	63.08 2.59 0.00	90.25 2.69 0.00	123.96 4.17 0.00	94.54 3.84 0.00	93.37 3.19 0.00	128.74 4.79 0.00	200.89 8.44 0.00	195.55 8.27 -4.03	201.08 7.88 0.00	223.63 9.12 0.00	280.49 14.48 0.00	159.76 8.81 0.00	117.37 6.74 0.00	53.92 3.72 -0.10	61.07 4.38 -0.53	61.98 4.83 0.00	84.78 6.59 -8.40	140.54 10.14 -19.21	148.59 9.29 -29.53	104.41 5.02 -25.23	74.29 4.12 -2.62	79.83 3.36 -2.66
N SALMON___HYD 24042	72.96 3.21 0.00	61.07 2.52 0.00	63.11 2.63 0.00	91.28 3.73 0.00	124.62 4.83 0.00	94.38 3.68 0.00	93.78 3.60 0.00	128.87 4.92 0.00	198.84 6.39 0.00	187.61 4.36 0.00	196.13 2.93 0.00	217.33 2.82 0.00	271.52 5.52 0.00	154.81 3.86 0.00	112.69 2.05 0.00	50.16 0.07 0.00	56.32 0.16 0.00	57.03 -0.11 0.00	69.57 -0.21 0.00	111.51 0.32 0.00	110.52 0.74 0.00	75.00 0.84 0.00	68.57 1.01 0.00	75.53 1.72 0.00
N.AKRON__115KV_KNAPP 355671	65.41 -4.34 0.00	54.95 -3.60 0.00	56.71 -3.78 0.00	81.50 -6.05 0.00	111.47 -8.32 0.00	84.79 -5.91 0.00	83.45 -6.73 0.00	113.45 -10.50 0.00	178.36 -14.10 0.00	167.96 -13.20 2.10	177.82 -15.37 0.00	199.48 -15.03 0.00	247.13 -18.87 0.00	139.20 -11.75 0.00	101.26 -9.37 0.00	46.21 -3.88 0.00	51.39 -4.49 0.27	52.77 -4.36 0.00	59.25 -5.49 5.05	80.88 -11.96 18.34	75.26 -11.65 22.86	54.00 -7.42 12.74	55.89 -6.46 5.20	65.55 -6.87 1.39
N.BELMOR_69_KV_BK1 55787	89.02 4.33 -14.93	69.56 3.54 -7.47	66.52 3.22 -2.81	101.54 4.84 -9.14	134.16 6.93 -7.44	127.97 5.63 -31.64	125.80 6.04 -29.58	133.39 8.24 -1.19	205.16 12.71 0.00	197.77 14.52 0.00	206.90 13.71 0.00	230.08 15.57 0.00	283.97 17.97 0.00	160.52 9.57 0.00	118.32 7.69 0.00	101.00 3.93 -46.97	164.37 4.15 -104.07	130.03 4.32 -68.56	75.82 5.30 -0.73	119.24 7.88 -0.17	133.30 7.49 -16.03	85.21 4.86 -6.19	71.69 4.13 0.00	78.06 4.25 0.00
N.E_GEN_SANDY PD 24062	88.50 3.35 -15.40	87.00 2.96 -25.50	79.70 2.81 -16.40	109.31 4.09 -17.67	125.44 5.65 0.00	98.80 4.31 -3.80	98.32 4.28 -3.87	127.21 5.10 1.84	199.72 8.27 1.01	191.18 9.62 1.69	203.13 9.93 0.00	225.98 11.47 0.00	280.61 13.31 -1.29	163.76 7.18 -5.64	161.88 5.78 -45.46	93.54 2.87 -40.57	71.58 3.00 -12.42	66.47 3.14 -6.19	142.71 3.83 -69.09	127.57 5.87 -10.52	120.12 5.57 -4.77	91.90 3.63 -14.10	86.72 3.28 -15.88	130.63 3.37 -53.45
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	72.16 2.41 0.00	60.63 2.08 0.00	62.28 1.79 0.00	90.25 2.70 0.00	123.75 3.96 0.00	94.01 3.31 0.00	93.74 3.56 0.00	128.73 4.78 0.00	200.53 8.08 0.00	193.18 9.93 0.00	202.91 9.70 0.00	225.82 11.31 0.00	278.66 12.65 0.00	157.52 6.57 0.00	115.86 5.23 0.00	52.91 2.66 -0.16	58.87 2.72 0.00	60.07 2.94 0.00	73.42 3.63 0.00	116.46 5.28 0.00	114.77 4.99 0.00	80.38 3.01 -3.20	70.18 2.62 0.00	76.29 2.48 0.00
N.QUEENS_27_KV_LOAD 356247	72.89 3.14 0.00	61.25 2.71 0.00	62.92 2.43 0.00	91.09 3.53 0.00	124.83 5.04 0.00	95.01 4.31 0.00	95.02 4.84 0.00	130.70 6.74 0.00	203.91 11.46 0.00	196.34 13.08 0.00	205.74 12.54 0.00	229.19 14.68 0.00	282.26 16.25 0.00	159.55 8.60 0.00	117.49 6.86 0.00	53.68 3.43 -0.17	59.66 3.51 0.00	60.89 3.75 0.00	74.32 4.53 0.00	117.98 6.80 0.00	116.35 6.58 0.00	81.63 4.13 -3.34	71.17 3.61 0.00	77.37 3.56 0.00
N.TROY___115KV_TB1 355778	73.32 3.57 0.00	61.70 3.15 0.00	63.57 3.08 0.00	92.00 4.44 0.00	125.89 6.10 0.00	95.29 4.59 0.00	94.65 4.47 0.00	129.32 5.37 0.00	201.10 8.65 0.00	192.98 9.73 0.00	203.31 10.11 0.00	226.00 11.49 0.00	279.47 13.47 0.00	158.38 7.43 0.00	116.52 5.89 0.00	53.13 2.83 -0.21	59.16 3.00 0.00	60.26 3.12 0.00	73.58 3.79 0.00	117.08 5.90 0.00	115.36 5.58 0.00	107.58 3.79 -29.62	71.03 3.47 0.00	77.40 3.59 0.00
NARROWS_GT1_1 24228	73.20 3.44 0.00	61.42 2.87 0.00	63.08 2.60 0.00	91.31 3.76 0.00	125.12 5.33 0.00	95.22 4.52 0.00	95.22 5.04 0.00	131.03 7.07 0.00	204.70 12.25 0.00	197.36 14.10 0.00	206.28 13.08 0.00	229.87 15.36 0.00	283.10 17.10 0.00	160.07 9.11 0.00	118.02 7.39 0.00	55.93 3.71 -2.13	88.28 3.77 -28.36	150.07 4.00 -88.93	221.65 4.96 -146.90	315.94 7.19 -197.57	187.33 6.86 -70.69	81.67 4.17 -3.34	71.23 3.68 0.00	77.40 3.59 0.00
NARROWS_GT1_2 24229	73.20 3.44 0.00	61.42 2.87 0.00	63.08 2.60 0.00	91.31 3.76 0.00	125.12 5.33 0.00	95.22 4.52 0.00	95.22 5.04 0.00	131.03 7.07 0.00	204.70 12.25 0.00	197.36 14.10 0.00	206.28 13.08 0.00	229.87 15.36 0.00	283.10 17.10 0.00	160.07 9.11 0.00	118.02 7.39 0.00	55.93 3.71 -2.13	88.28 3.77 -28.36	150.07 4.00 -88.93	221.65 4.96 -146.90	315.94 7.19 -197.57	187.33 6.86 -70.69	81.67 4.17 -3.34	71.23 3.68 0.00	77.40 3.59 0.00
NARROWS_GT1_3 24230	73.20 3.44 0.00	61.42 2.87 0.00	63.08 2.60 0.00	91.31 3.76 0.00	125.12 5.33 0.00	95.22 4.52 0.00	95.22 5.04 0.00	131.03 7.07 0.00	204.70 12.25 0.00	197.36 14.10 0.00	206.28 13.08 0.00	229.87 15.36 0.00	283.10 17.10 0.00	160.07 9.11 0.00	118.02 7.39 0.00	55.93 3.71 -2.13	88.28 3.77 -28.36	150.07 4.00 -88.93	221.65 4.96 -146.90	315.94 7.19 -197.57	187.33 6.86 -70.69	81.67 4.17 -3.34	71.23 3.68 0.00	77.40 3.59 0.00
NARROWS_GT1_4 24231	73.20 3.44 0.00	61.42 2.87 0.00	63.08 2.60 0.00	91.31 3.76 0.00	125.12 5.33 0.00	95.22 4.52 0.00	95.22 5.04 0.00	131.03 7.07 0.00	204.70 12.25 0.00	197.36 14.10 0.00	206.28 13.08 0.00	229.87 15.36 0.00	283.10 17.10 0.00	160.07 9.11 0.00	118.02 7.39 0.00	55.93 3.71 -2.13	88.28 3.77 -28.36	150.07 4.00 -88.93	221.65 4.96 -146.90	315.94 7.19 -197.57	187.33 6.86 -70.69	81.67 4.17 -3.34	71.23 3.68 0.00	77.40 3.59 0.00

NARROWS_GT1_5 24232	73.20 3.44 0.00	61.42 2.87 0.00	63.08 2.60 0.00	91.31 3.76 0.00	125.12 5.33 0.00	95.22 4.52 0.00	95.22 5.04 0.00	131.03 7.07 0.00	204.70 12.25 0.00	197.36 14.10 0.00	206.28 13.08 0.00	229.87 15.36 0.00	283.10 17.10 0.00	160.07 9.11 0.00	118.02 7.39 0.00	55.93 3.71 -2.13	88.28 3.77 -28.36	150.07 4.00 -88.93	221.65 4.96 -146.90	315.94 7.19 -197.57	187.33 6.86 -70.69	81.67 4.17 -3.34	71.23 3.68 0.00	77.40 3.59 0.00
NARROWS_GT1_6 24233	73.20 3.44 0.00	61.42 2.87 0.00	63.08 2.60 0.00	91.31 3.76 0.00	125.12 5.33 0.00	95.22 4.52 0.00	95.22 5.04 0.00	131.03 7.07 0.00	204.70 12.25 0.00	197.36 14.10 0.00	206.28 13.08 0.00	229.87 15.36 0.00	283.10 17.10 0.00	160.07 9.11 0.00	118.02 7.39 0.00	55.93 3.71 -2.13	88.28 3.77 -28.36	150.07 4.00 -88.93	221.65 4.96 -146.90	315.94 7.19 -197.57	187.33 6.86 -70.69	81.67 4.17 -3.34	71.23 3.68 0.00	77.40 3.59 0.00
NARROWS_GT1_7 24234	73.20 3.44 0.00	61.42 2.87 0.00	63.08 2.60 0.00	91.31 3.76 0.00	125.12 5.33 0.00	95.22 4.52 0.00	95.22 5.04 0.00	131.03 7.07 0.00	204.70 12.25 0.00	197.36 14.10 0.00	206.28 13.08 0.00	229.87 15.36 0.00	283.10 17.10 0.00	160.07 9.11 0.00	118.02 7.39 0.00	55.93 3.71 -2.13	88.28 3.77 -28.36	150.07 4.00 -88.93	221.65 4.96 -146.90	315.94 7.19 -197.57	187.33 6.86 -70.69	81.67 4.17 -3.34	71.23 3.68 0.00	77.40 3.59 0.00
NARROWS_GT1_8 24235	73.20 3.44 0.00	61.42 2.87 0.00	63.08 2.60 0.00	91.31 3.76 0.00	125.12 5.33 0.00	95.22 4.52 0.00	95.22 5.04 0.00	131.03 7.07 0.00	204.70 12.25 0.00	197.36 14.10 0.00	206.28 13.08 0.00	229.87 15.36 0.00	283.10 17.10 0.00	160.07 9.11 0.00	118.02 7.39 0.00	55.93 3.71 -2.13	88.28 3.77 -28.36	150.07 4.00 -88.93	221.65 4.96 -146.90	315.94 7.19 -197.57	187.33 6.86 -70.69	81.67 4.17 -3.34	71.23 3.68 0.00	77.40 3.59 0.00
NARROWS_GT2_1 24236	73.20 3.44 0.00	61.42 2.87 0.00	63.08 2.60 0.00	91.31 3.76 0.00	125.12 5.33 0.00	95.22 4.52 0.00	95.22 5.04 0.00	131.03 7.07 0.00	204.70 12.25 0.00	197.36 14.10 0.00	206.28 13.08 0.00	229.87 15.36 0.00	283.10 17.10 0.00	160.07 9.11 0.00	118.02 7.39 0.00	55.93 3.71 -2.13	61.47 3.77 -1.55	65.99 4.00 -4.85	83.00 4.96 -8.25	129.16 7.19 -10.78	120.50 6.86 -3.86	81.67 4.17 -3.34	71.23 3.68 0.00	77.40 3.59 0.00
NARROWS_GT2_2 24237	73.20 3.44 0.00	61.42 2.87 0.00	63.08 2.60 0.00	91.31 3.76 0.00	125.12 5.33 0.00	95.22 4.52 0.00	95.22 5.04 0.00	131.03 7.07 0.00	204.70 12.25 0.00	197.36 14.10 0.00	206.28 13.08 0.00	229.87 15.36 0.00	283.10 17.10 0.00	160.07 9.11 0.00	118.02 7.39 0.00	55.93 3.71 -2.13	61.47 3.77 -1.55	65.99 4.00 -4.85	83.00 4.96 -8.25	129.16 7.19 -10.78	120.50 6.86 -3.86	81.67 4.17 -3.34	71.23 3.68 0.00	77.40 3.59 0.00
NARROWS_GT2_3 24238	73.20 3.44 0.00	61.42 2.87 0.00	63.08 2.60 0.00	91.31 3.76 0.00	125.12 5.33 0.00	95.22 4.52 0.00	95.22 5.04 0.00	131.03 7.07 0.00	204.70 12.25 0.00	197.36 14.10 0.00	206.28 13.08 0.00	229.87 15.36 0.00	283.10 17.10 0.00	160.07 9.11 0.00	118.02 7.39 0.00	55.93 3.71 -2.13	61.47 3.77 -1.55	65.99 4.00 -4.85	83.00 4.96 -8.25	129.16 7.19 -10.78	120.50 6.86 -3.86	81.67 4.17 -3.34	71.23 3.68 0.00	77.40 3.59 0.00
NARROWS_GT2_4 24239	73.20 3.44 0.00	61.42 2.87 0.00	63.08 2.60 0.00	91.31 3.76 0.00	125.12 5.33 0.00	95.22 4.52 0.00	95.22 5.04 0.00	131.03 7.07 0.00	204.70 12.25 0.00	197.36 14.10 0.00	206.28 13.08 0.00	229.87 15.36 0.00	283.10 17.10 0.00	160.07 9.11 0.00	118.02 7.39 0.00	55.93 3.71 -2.13	61.47 3.77 -1.55	65.99 4.00 -4.85	83.00 4.96 -8.25	129.16 7.19 -10.78	120.50 6.86 -3.86	81.67 4.17 -3.34	71.23 3.68 0.00	77.40 3.59 0.00
NARROWS_GT2_5 24240	73.20 3.44 0.00	61.42 2.87 0.00	63.08 2.60 0.00	91.31 3.76 0.00	125.12 5.33 0.00	95.22 4.52 0.00	95.22 5.04 0.00	131.03 7.07 0.00	204.70 12.25 0.00	197.36 14.10 0.00	206.28 13.08 0.00	229.87 15.36 0.00	283.10 17.10 0.00	160.07 9.11 0.00	118.02 7.39 0.00	55.93 3.71 -2.13	61.47 3.77 -1.55	65.99 4.00 -4.85	83.00 4.96 -8.25	129.16 7.19 -10.78	120.50 6.86 -3.86	81.67 4.17 -3.34	71.23 3.68 0.00	77.40 3.59 0.00
NARROWS_GT2_6 24241	73.20 3.44 0.00	61.42 2.87 0.00	63.08 2.60 0.00	91.31 3.76 0.00	125.12 5.33 0.00	95.22 4.52 0.00	95.22 5.04 0.00	131.03 7.07 0.00	204.70 12.25 0.00	197.36 14.10 0.00	206.28 13.08 0.00	229.87 15.36 0.00	283.10 17.10 0.00	160.07 9.11 0.00	118.02 7.39 0.00	55.93 3.71 -2.13	61.47 3.77 -1.55	65.99 4.00 -4.85	83.00 4.96 -8.25	129.16 7.19 -10.78	120.50 6.86 -3.86	81.67 4.17 -3.34	71.23 3.68 0.00	77.40 3.59 0.00
NARROWS_GT2_7 24242	73.20 3.44 0.00	61.42 2.87 0.00	63.08 2.60 0.00	91.31 3.76 0.00	125.12 5.33 0.00	95.22 4.52 0.00	95.22 5.04 0.00	131.03 7.07 0.00	204.70 12.25 0.00	197.36 14.10 0.00	206.28 13.08 0.00	229.87 15.36 0.00	283.10 17.10 0.00	160.07 9.11 0.00	118.02 7.39 0.00	55.93 3.71 -2.13	61.47 3.77 -1.55	65.99 4.00 -4.85	83.00 4.96 -8.25	129.16 7.19 -10.78	120.50 6.86 -3.86	81.67 4.17 -3.34	71.23 3.68 0.00	77.40 3.59 0.00
NARROWS_GT2_8 24243	73.20 3.44 0.00	61.42 2.87 0.00	63.08 2.60 0.00	91.31 3.76 0.00	125.12 5.33 0.00	95.22 4.52 0.00	95.22 5.04 0.00	131.03 7.07 0.00	204.70 12.25 0.00	197.36 14.10 0.00	206.28 13.08 0.00	229.87 15.36 0.00	283.10 17.10 0.00	160.07 9.11 0.00	118.02 7.39 0.00	55.93 3.71 -2.13	61.47 3.77 -1.55	65.99 4.00 -4.85	83.00 4.96 -8.25	129.16 7.19 -10.78	120.50 6.86 -3.86	81.67 4.17 -3.34	71.23 3.68 0.00	77.40 3.59 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	75.41 5.66 0.00	63.47 4.92 0.00	65.44 4.95 0.00	94.71 7.15 0.00	129.65 9.86 0.00	97.80 7.10 0.00	96.81 6.63 0.00	132.38 8.43 0.00	206.10 13.65 0.00	197.50 14.25 0.00	208.06 14.86 0.00	231.00 16.49 0.00	285.82 19.81 0.00	161.61 10.65 0.00	118.69 8.06 0.00	54.05 3.77 -0.19	60.27 4.11 0.00	61.39 4.25 0.00	74.96 5.17 0.00	119.09 7.90 0.00	117.20 7.43 0.00	90.99 4.87 -11.95	71.98 4.43 0.00	78.98 5.17 0.00
NCHELSEA_115KV_TR2 355582	73.46 3.71 0.00	61.69 3.14 0.00	63.41 2.92 0.00	91.83 4.28 0.00	125.88 6.09 0.00	95.57 4.87 0.00	95.34 5.16 0.00	130.90 6.95 0.00	203.95 11.49 0.00	196.33 13.07 0.00	206.44 13.24 0.00	229.80 15.29 0.00	283.69 17.69 0.00	160.31 9.36 0.00	117.97 7.34 0.00	53.83 3.57 -0.17	59.93 3.78 0.00	61.15 4.01 0.00	74.69 4.90 0.00	118.47 7.29 0.00	116.70 6.93 0.00	81.91 4.31 -3.44	71.32 3.76 0.00	77.50 3.69 0.00
NEG CAPITAL___MECHNVIL 23645	74.26 4.50 0.00	62.42 3.88 0.00	64.33 3.84 0.00	93.14 5.59 0.00	127.53 7.74 0.00	96.66 5.97 0.00	96.14 5.96 0.00	131.58 7.62 0.00	204.72 12.27 0.00	196.37 13.12 0.00	206.90 13.70 0.00	229.90 15.39 0.00	284.22 18.21 0.00	160.99 10.03 0.00	118.36 7.73 0.00	53.92 3.62 -0.21	60.08 3.92 0.00	61.29 4.15 0.00	74.75 4.96 0.00	118.80 7.62 0.00	116.99 7.22 0.00	112.91 4.97 -33.77	72.08 4.53 0.00	78.46 4.65 0.00

NEG CENTRAL_HIGH_ACRES 23767	65.83 -3.92 0.00	55.32 -3.23 0.00	57.07 -3.42 0.00	82.23 -5.33 0.00	112.58 -7.22 0.00	85.53 -5.16 0.00	84.97 -5.21 0.00	116.52 -7.43 0.00	182.11 -10.34 0.00	172.79 -9.63 0.84	182.26 -10.94 0.00	203.61 -10.90 0.00	252.22 -13.78 0.00	142.45 -8.50 0.00	104.00 -6.64 0.00	47.30 -2.80 -0.01	52.80 -3.25 0.11	54.01 -3.13 0.00	63.94 -3.90 1.95	97.26 -7.95 5.97	92.53 -8.11 9.13	63.66 -5.54 4.96	61.28 -5.00 1.28	67.82 -5.44 0.55
NEG CENTRAL___DRP 24199	68.64 -1.12 0.00	57.75 -0.80 0.00	59.34 -1.15 0.00	85.40 -2.15 0.00	116.36 -3.43 0.00	88.77 -1.93 0.00	88.47 -1.71 0.00	120.64 -3.31 0.00	188.34 -4.11 0.00	176.56 -3.63 3.06	189.24 -3.96 0.00	210.58 -3.93 0.00	261.09 -4.91 0.00	146.97 -3.98 0.00	108.06 -2.57 0.00	49.41 -0.67 0.01	54.89 -0.87 0.40	56.34 -0.80 0.00	64.06 -0.79 4.94	107.19 -2.69 1.31	93.70 -3.02 13.06	55.89 -2.27 16.01	68.73 -2.06 -3.23	69.07 -2.72 2.02
NEG CENTRAL___INDECK 23768	66.29 -3.46 0.00	55.62 -2.93 0.00	57.21 -3.27 0.00	82.17 -5.39 0.00	112.24 -7.55 0.00	85.43 -5.26 0.00	85.06 -5.12 0.00	116.32 -7.63 0.00	181.99 -10.46 0.00	169.10 -10.15 4.01	181.84 -11.36 0.00	202.16 -12.35 0.00	250.13 -15.87 0.00	141.09 -9.86 0.00	102.88 -7.75 0.00	46.82 -3.25 0.02	52.15 -3.48 0.52	54.06 -3.09 -0.01	63.82 -3.89 2.08	141.29 -8.66 -38.77	114.65 -8.81 -13.68	51.59 -5.88 16.69	82.11 -5.54 -20.09	64.94 -6.21 2.65
NEG CENTRAL___SENECA 23627	68.85 -0.90 0.00	57.95 -0.59 0.00	59.43 -1.05 0.00	85.39 -2.17 0.00	116.02 -3.78 0.00	88.85 -1.85 0.00	88.63 -1.55 0.00	120.30 -3.65 0.00	188.04 -4.41 0.00	173.78 -4.02 5.45	188.91 -4.29 0.00	210.16 -4.35 0.00	260.73 -5.27 0.00	146.36 -4.59 0.00	107.88 -2.75 0.00	49.51 -0.54 0.04	54.69 -0.75 0.72	56.43 -0.70 0.00	60.21 -0.60 8.98	104.46 -2.75 3.97	82.40 -3.17 24.21	43.94 -2.34 27.89	70.53 -2.14 -5.11	67.23 -2.97 3.61
NEG CENTRAL___STATE_STREET 24147	68.56 -1.20 0.00	57.76 -0.78 0.00	59.48 -1.01 0.00	85.64 -1.92 0.00	117.08 -2.72 0.00	88.94 -1.75 0.00	88.51 -1.67 0.00	121.35 -2.60 0.00	189.30 -3.15 0.00	181.29 -2.59 -0.63	190.22 -2.98 0.00	211.83 -2.68 0.00	262.36 -3.65 0.00	148.19 -2.76 0.00	108.69 -1.94 0.00	49.47 -0.65 -0.03	55.41 -0.83 -0.08	56.40 -0.74 0.00	70.58 -0.82 -1.61	114.82 -2.17 -5.81	113.61 -2.49 -6.32	76.15 -1.88 -3.86	67.50 -1.58 -1.52	72.27 -1.95 -0.41
NEG MILLWOOD___DRP 24198	73.79 4.04 0.00	61.95 3.40 0.00	63.68 3.20 0.00	92.23 4.68 0.00	126.37 6.57 0.00	96.02 5.33 0.00	95.85 5.67 0.00	131.67 7.72 0.00	205.19 12.74 0.00	197.57 14.32 0.00	207.69 14.49 0.00	231.11 16.60 0.00	285.32 19.32 0.00	161.17 10.22 0.00	118.57 7.94 0.00	54.13 3.87 -0.17	60.23 4.07 0.00	61.49 4.35 0.00	75.10 5.31 0.00	119.05 7.86 0.00	117.25 7.47 0.00	82.27 4.67 -3.43	71.60 4.04 0.00	77.79 3.98 0.00
NEG NORTH_FLCN_SEA 23793	72.44 2.69 0.00	60.72 2.17 0.00	62.73 2.25 0.00	90.78 3.22 0.00	123.81 4.02 0.00	93.46 2.76 0.00	92.82 2.64 0.00	126.35 2.40 0.00	194.81 2.36 0.00	184.18 0.92 0.00	191.94 -1.26 0.00	212.84 -1.67 0.00	266.01 0.01 0.00	151.88 0.93 0.00	111.01 0.38 0.00	49.43 -0.65 0.00	55.44 -0.72 0.00	56.14 -0.99 0.00	68.47 -1.33 0.00	109.63 -1.55 0.00	108.51 -1.27 0.00	73.57 -0.59 0.00	67.38 -0.18 0.00	74.52 0.72 0.00
NEG NORTH_KES_CHATEGAY 23792	71.45 1.70 0.00	59.89 1.35 0.00	61.92 1.43 0.00	89.69 2.13 0.00	122.55 2.76 0.00	92.71 2.02 0.00	92.18 2.00 0.00	126.38 2.43 0.00	194.69 2.24 0.00	183.80 0.55 0.00	191.46 -1.74 0.00	212.37 -2.14 0.00	265.50 -0.50 0.00	151.35 0.40 0.00	110.19 -0.44 0.00	49.00 -1.09 0.00	55.11 -1.05 0.00	55.85 -1.29 0.00	68.07 -1.72 0.00	109.18 -2.01 0.00	108.26 -1.52 0.00	73.45 -0.72 0.00	67.22 -0.33 0.00	74.08 0.27 0.00
NEG NORTH___ALICE_FALLS 23915	72.80 3.05 0.00	60.99 2.45 0.00	63.01 2.53 0.00	91.19 3.63 0.00	124.42 4.62 0.00	94.11 3.41 0.00	93.55 3.37 0.00	127.74 3.79 0.00	197.00 4.55 0.00	186.26 3.00 0.00	194.08 0.88 0.00	215.04 0.53 0.00	268.75 2.75 0.00	153.28 2.32 0.00	111.90 1.27 0.00	49.83 -0.26 0.00	55.94 -0.22 0.00	56.66 -0.48 0.00	69.11 -0.68 0.00	110.60 -0.58 0.00	109.47 -0.31 0.00	74.19 0.03 0.00	67.87 0.31 0.00	74.91 1.10 0.00
NEG NORTH___LWR_SARANAC 23913	72.80 3.05 0.00	60.99 2.45 0.00	63.01 2.53 0.00	91.19 3.63 0.00	124.42 4.62 0.00	94.11 3.41 0.00	93.55 3.37 0.00	127.74 3.79 0.00	197.00 4.55 0.00	186.26 3.00 0.00	194.08 0.88 0.00	215.04 0.53 0.00	268.75 2.75 0.00	153.28 2.32 0.00	111.90 1.27 0.00	49.83 -0.26 0.00	55.94 -0.22 0.00	56.66 -0.48 0.00	69.11 -0.68 0.00	110.60 -0.58 0.00	109.47 -0.31 0.00	74.19 0.03 0.00	67.87 0.31 0.00	74.91 1.10 0.00
NEG NORTH___PLATTSBURG 23628	72.80 3.05 0.00	60.99 2.45 0.00	63.01 2.53 0.00	91.19 3.63 0.00	124.42 4.63 0.00	94.11 3.42 0.00	93.55 3.37 0.00	127.74 3.79 0.00	196.99 4.54 0.00	186.27 3.02 0.00	194.08 0.88 0.00	215.04 0.53 0.00	268.76 2.75 0.00	153.28 2.33 0.00	111.90 1.27 0.00	49.83 -0.26 0.00	55.94 -0.22 0.00	56.66 -0.48 0.00	69.11 -0.68 0.00	110.60 -0.58 0.00	109.47 -0.31 0.00	74.19 0.02 0.00	67.87 0.31 0.00	74.92 1.11 0.00
NEG WEST_LEA_LOCKPORT 23791	63.74 -6.01 0.00	53.56 -4.98 0.00	55.30 -5.19 0.00	79.44 -8.11 0.00	108.59 -11.20 0.00	82.51 -8.19 0.00	81.03 -9.15 0.00	109.92 -14.03 0.00	172.86 -19.59 0.00	162.57 -18.44 2.24	172.24 -20.96 0.00	193.40 -21.11 0.00	239.70 -26.30 0.00	134.97 -15.98 0.00	98.20 -12.43 0.00	44.82 -5.27 0.00	49.79 -6.08 0.29	51.11 -6.03 0.00	54.44 -7.53 7.82	65.85 -15.32 30.02	59.41 -14.86 35.51	49.65 -9.42 15.10	53.34 -8.17 6.05	63.71 -8.62 1.48
NEG WEST___LANCASTER 23811	66.01 -3.75 0.00	55.47 -3.07 0.00	57.29 -3.19 0.00	82.31 -5.25 0.00	112.47 -7.33 0.00	85.29 -5.40 0.00	84.10 -6.08 0.00	114.74 -9.21 0.00	180.12 -12.33 0.00	168.82 -11.48 2.96	180.13 -13.06 0.00	202.19 -12.32 0.00	251.31 -14.69 0.00	141.26 -9.69 0.00	102.86 -7.78 0.00	46.69 -3.40 0.01	51.65 -4.12 0.39	53.12 -4.01 0.00	57.49 -4.93 7.37	75.23 -10.69 25.27	67.65 -10.28 31.85	49.46 -6.69 18.02	55.33 -5.98 6.25	65.68 -6.17 1.96
NEG_PENN_ALLEGHNY 23528	69.08 -0.68 0.00	57.90 -0.64 0.00	59.73 -0.75 0.00	86.35 -1.21 0.00	118.03 -1.77 0.00	89.52 -1.17 0.00	88.94 -1.24 0.00	121.96 -1.99 0.00	190.32 -2.13 0.00	180.30 -1.53 1.43	191.54 -1.66 0.00	213.45 -1.06 0.00	264.58 -1.42 0.00	149.31 -1.64 0.00	109.51 -1.12 0.00	49.72 -0.40 -0.04	55.38 -0.59 0.19	56.63 -0.51 0.00	66.52 -0.65 2.62	105.92 -1.70 3.57	99.15 -1.97 8.66	66.42 -1.51 6.24	66.51 -1.41 -0.36	71.03 -1.83 0.94
NEG___GEN_MONROE 24207	66.93 -2.83 0.00	56.23 -2.31 0.00	58.02 -2.47 0.00	83.52 -4.04 0.00	114.28 -5.51 0.00	86.90 -3.80 0.00	86.14 -4.04 0.00	117.89 -6.06 0.00	184.57 -7.88 0.00	174.62 -7.24 1.39	184.44 -8.76 0.00	206.36 -8.15 0.00	255.56 -10.44 0.00	144.22 -6.73 0.00	105.11 -5.52 0.00	47.84 -2.25 -0.01	53.39 -2.59 0.18	54.73 -2.41 0.00	63.67 -3.05 3.07	95.32 -7.20 8.66	89.26 -7.25 13.27	61.21 -4.85 8.11	61.48 -4.32 1.76	68.25 -4.64 0.92

NEPA__ENERGY 23901	65.15 -4.60 0.00	54.57 -3.98 0.00	56.29 -4.19 0.00	81.54 -6.02 0.00	111.30 -8.49 0.00	84.48 -6.22 0.00	83.45 -6.72 0.00	113.78 -10.17 0.00	178.39 -14.06 0.00	166.88 -13.58 2.79	177.33 -15.87 0.00	199.06 -15.45 0.00	246.52 -19.48 0.00	138.52 -12.43 0.00	101.21 -9.42 0.00	45.83 -4.25 0.01	50.99 -4.80 0.37	52.56 -4.57 0.00	56.53 -5.72 7.54	69.78 -12.18 29.23	63.66 -11.79 34.33	48.69 -7.91 17.57	52.40 -7.16 8.00	64.26 -7.70 1.85
NEVERSINK__HYD 23608	72.12 2.37 0.00	60.58 2.04 0.00	62.30 1.81 0.00	90.24 2.68 0.00	123.72 3.93 0.00	93.92 3.22 0.00	93.77 3.59 0.00	128.82 4.86 0.00	200.77 8.32 0.00	193.12 9.86 0.00	203.18 9.98 0.00	225.98 11.47 0.00	279.14 13.14 0.00	157.78 6.82 0.00	116.02 5.39 0.00	52.88 2.63 -0.15	58.92 2.76 0.00	60.12 2.98 0.00	73.42 3.64 0.00	116.48 5.30 0.00	114.73 4.96 0.00	80.54 2.89 -3.49	70.00 2.44 0.00	76.03 2.21 0.00
NEWKRMKL_115KV_TB1 55635	72.48 2.72 0.00	61.00 2.45 0.00	62.86 2.37 0.00	91.03 3.47 0.00	124.57 4.78 0.00	94.04 3.34 0.00	93.10 2.92 0.00	127.20 3.25 0.00	197.93 5.48 0.00	189.82 6.57 0.00	199.93 6.73 0.00	222.24 7.73 0.00	274.85 8.84 0.00	155.79 4.84 0.00	114.49 3.86 0.00	52.18 1.88 -0.20	58.09 1.93 0.00	59.06 1.92 0.00	72.16 2.37 0.00	114.88 3.69 0.00	113.27 3.49 0.00	97.10 2.37 -20.56	69.74 2.18 0.00	76.45 2.65 0.00
NEWTON__FALLS_HYD 23847	71.87 2.12 0.00	59.96 1.41 0.00	61.84 1.35 0.00	89.07 1.52 0.00	121.42 1.63 0.00	91.52 0.82 0.00	90.76 0.58 0.00	125.13 1.18 0.00	193.28 0.83 0.00	182.57 -0.68 0.00	193.04 -0.16 0.00	214.56 0.05 0.00	267.69 1.69 0.00	153.33 2.38 0.00	112.38 1.75 0.00	50.54 0.45 0.00	56.31 0.16 0.00	56.64 -0.50 0.00	69.44 -0.35 0.00	110.88 -0.30 0.00	110.12 0.35 0.00	74.40 0.23 0.00	67.58 0.02 0.00	74.10 0.29 0.00
NGRID_A1_DSASP 323792	62.95 -6.81 0.00	53.04 -5.51 0.00	54.97 -5.52 0.00	78.92 -8.64 0.00	107.79 -12.01 0.00	81.86 -8.83 0.00	80.28 -9.90 0.00	108.98 -14.98 0.00	171.40 -21.05 0.00	161.05 -19.90 2.31	170.71 -22.49 0.00	191.82 -22.69 0.00	237.74 -28.26 0.00	133.90 -17.05 0.00	97.28 -13.35 0.00	44.39 -5.70 0.00	49.36 -6.49 0.30	50.64 -6.50 0.00	55.60 -8.11 6.09	72.50 -15.88 22.80	66.61 -15.55 27.62	49.55 -10.23 14.38	52.57 -8.91 6.08	62.88 -9.40 1.53
NGRID_A2_DSASP 323793	62.95 -6.81 0.00	53.04 -5.51 0.00	54.97 -5.52 0.00	78.92 -8.64 0.00	107.79 -12.01 0.00	81.86 -8.83 0.00	80.28 -9.90 0.00	108.98 -14.98 0.00	171.40 -21.05 0.00	161.05 -19.90 2.31	170.71 -22.49 0.00	191.82 -22.69 0.00	237.74 -28.26 0.00	133.90 -17.05 0.00	97.28 -13.35 0.00	44.39 -5.70 0.00	49.36 -6.49 0.30	50.64 -6.50 0.00	55.60 -8.11 6.09	72.50 -15.88 22.80	66.61 -15.55 27.62	49.55 -10.23 14.38	52.57 -8.91 6.08	62.88 -9.40 1.53
NGRID_A4_DSASP 323807	62.95 -6.81 0.00	53.04 -5.51 0.00	54.97 -5.52 0.00	78.92 -8.64 0.00	107.79 -12.01 0.00	81.86 -8.83 0.00	80.28 -9.90 0.00	108.98 -14.98 0.00	171.40 -21.05 0.00	161.05 -19.90 2.31	170.71 -22.49 0.00	191.82 -22.69 0.00	237.74 -28.26 0.00	133.90 -17.05 0.00	97.28 -13.35 0.00	44.39 -5.70 0.00	49.36 -6.49 0.30	50.64 -6.50 0.00	55.60 -8.11 6.09	72.50 -15.88 22.80	66.61 -15.55 27.62	49.55 -10.23 14.38	52.57 -8.91 6.08	62.88 -9.40 1.53
NIAGARA_115E_LBMP 323715	63.52 -6.24 0.00	53.37 -5.18 0.00	55.11 -5.38 0.00	79.12 -8.43 0.00	108.10 -11.70 0.00	82.13 -8.56 0.00	80.44 -9.74 0.00	108.82 -15.14 0.00	171.14 -21.31 0.00	160.92 -20.00 2.33	170.54 -22.66 0.00	191.45 -23.06 0.00	237.17 -28.83 0.00	133.64 -17.31 0.00	97.18 -13.45 0.00	44.38 -5.71 0.00	49.22 -6.63 0.30	50.51 -6.62 0.00	55.59 -8.22 5.97	72.51 -16.38 22.30	66.82 -15.87 27.09	49.70 -10.07 14.39	52.76 -8.70 6.10	63.05 -9.22 1.54
NIAGARA_115W_LBMP 323714	62.83 -6.92 0.00	52.96 -5.59 0.00	54.91 -5.58 0.00	78.83 -8.72 0.00	107.69 -12.11 0.00	81.78 -8.92 0.00	80.15 -10.03 0.00	108.83 -15.12 0.00	171.14 -21.31 0.00	160.75 -20.20 2.30	170.47 -22.73 0.00	191.51 -23.00 0.00	237.37 -28.63 0.00	133.69 -17.27 0.00	97.13 -13.50 0.00	44.32 -5.77 0.00	49.26 -6.60 0.30	50.53 -6.61 0.00	55.52 -8.20 6.06	72.50 -16.00 22.69	66.60 -15.66 27.51	49.51 -10.32 14.33	52.52 -8.99 6.04	62.77 -9.51 1.52
NIAGARA_230_LBMP 323716	63.59 -6.16 0.00	53.45 -5.09 0.00	55.22 -5.26 0.00	79.31 -8.24 0.00	108.38 -11.41 0.00	82.29 -8.41 0.00	80.94 -9.24 0.00	110.11 -13.84 0.00	173.07 -19.38 0.00	162.67 -18.35 2.23	172.42 -20.78 0.00	193.70 -20.81 0.00	240.18 -25.82 0.00	135.25 -15.70 0.00	98.29 -12.34 0.00	44.81 -5.28 0.00	49.77 -6.10 0.29	51.06 -6.08 0.00	56.16 -7.66 5.97	73.59 -15.36 22.23	67.66 -15.05 27.07	50.43 -9.78 13.95	53.30 -8.49 5.77	63.51 -8.82 1.48
NIAGARA__115KV_198_GIBSON 55903	62.83 -6.92 0.00	52.96 -5.59 0.00	54.91 -5.58 0.00	78.83 -8.72 0.00	107.69 -12.11 0.00	81.77 -8.92 0.00	80.14 -10.04 0.00	108.84 -15.12 0.00	171.14 -21.31 0.00	160.74 -20.21 2.30	170.49 -22.71 0.00	191.50 -23.01 0.00	237.39 -28.61 0.00	133.71 -17.24 0.00	97.12 -13.51 0.00	44.31 -5.78 0.00	49.24 -6.61 0.30	50.52 -6.62 0.00	55.50 -8.23 6.06	72.33 -16.16 22.69	66.57 -15.69 27.51	49.49 -10.34 14.33	52.47 -9.04 6.04	62.75 -9.54 1.52
NIAGARA____ 23760	63.59 -6.16 0.00	53.45 -5.09 0.00	55.22 -5.26 0.00	79.31 -8.24 0.00	108.38 -11.41 0.00	82.29 -8.41 0.00	80.94 -9.24 0.00	110.11 -13.84 0.00	173.07 -19.38 0.00	162.65 -18.35 2.25	172.42 -20.78 0.00	193.70 -20.81 0.00	240.18 -25.82 0.00	135.25 -15.70 0.00	98.29 -12.34 0.00	44.81 -5.28 0.00	49.76 -6.10 0.30	51.06 -6.08 0.00	56.15 -7.66 5.98	73.54 -15.36 22.28	67.62 -15.05 27.11	50.34 -9.78 14.04	53.21 -8.49 5.86	63.48 -8.82 1.51
NINE_MILE_1 23575	66.56 -3.19 0.00	55.90 -2.64 0.00	57.66 -2.82 0.00	83.35 -4.21 0.00	114.06 -5.73 0.00	86.43 -4.26 0.00	85.92 -4.26 0.00	118.00 -5.95 0.00	183.71 -8.74 0.00	175.28 -7.98 0.00	184.59 -8.61 0.00	205.37 -9.14 0.00	254.50 -11.50 0.00	144.16 -6.79 0.00	105.66 -4.97 0.00	47.97 -2.14 -0.01	53.69 -2.47 0.00	54.67 -2.47 0.00	66.75 -3.03 0.00	105.42 -5.34 0.42	97.04 -5.40 7.34	70.45 -3.71 0.00	64.13 -3.42 0.00	69.99 -3.82 0.00
NINE_MILE_2 23744	66.58 -3.17 0.00	55.91 -2.64 0.00	57.67 -2.81 0.00	83.35 -4.20 0.00	114.06 -5.73 0.00	86.44 -4.26 0.00	85.92 -4.26 0.00	118.04 -5.92 0.00	183.71 -8.74 0.00	175.29 -7.97 0.00	184.59 -8.61 0.00	205.38 -9.13 0.00	254.52 -11.48 0.00	144.16 -6.79 0.00	105.68 -4.95 0.00	47.98 -2.13 -0.01	53.70 -2.46 0.00	54.68 -2.47 0.00	66.76 -3.03 0.00	105.42 -5.34 0.43	96.95 -5.40 7.43	70.46 -3.70 0.00	64.13 -3.42 0.00	69.99 -3.82 0.00
NM_CAPITAL__DRP 24208	72.56 2.81 0.00	61.08 2.53 0.00	62.93 2.44 0.00	91.12 3.56 0.00	124.69 4.90 0.00	94.15 3.45 0.00	93.22 3.05 0.00	127.36 3.41 0.00	198.16 5.71 0.00	190.05 6.80 0.00	200.21 7.01 0.00	222.52 8.01 0.00	275.13 9.13 0.00	155.96 5.01 0.00	114.70 4.07 0.00	52.29 1.99 -0.20	58.20 2.05 0.00	59.19 2.05 0.00	72.30 2.52 0.00	115.14 3.95 0.00	113.50 3.73 0.00	96.55 2.55 -19.84	69.90 2.34 0.00	76.53 2.73 0.00

NM_CENTRAL___DRP 24181	67.61 -2.14 0.00	56.78 -1.77 0.00	58.54 -1.95 0.00	84.59 -2.97 0.00	115.78 -4.02 0.00	87.81 -2.88 0.00	87.36 -2.82 0.00	119.97 -3.99 0.00	187.00 -5.45 0.00	178.54 -4.72 0.00	188.08 -5.12 0.00	209.42 -5.09 0.00	259.43 -6.57 0.00	146.79 -4.16 0.00	107.61 -3.02 0.00	48.88 -1.23 -0.02	54.67 -1.49 0.00	55.67 -1.47 0.00	68.00 -1.79 0.00	107.51 -3.63 0.05	105.13 -3.79 0.86	71.46 -2.70 0.00	65.00 -2.56 0.00	70.85 -2.96 0.00
NM_FRONTIER___DRP 24179	62.83 -6.92 0.00	52.96 -5.59 0.00	54.91 -5.58 0.00	78.83 -8.72 0.00	107.69 -12.11 0.00	81.77 -8.92 0.00	80.14 -10.04 0.00	108.84 -15.12 0.00	171.14 -21.31 0.00	160.74 -20.21 2.30	170.49 -22.71 0.00	191.50 -23.01 0.00	237.39 -28.61 0.00	133.71 -17.24 0.00	97.12 -13.51 0.00	44.31 -5.78 0.00	49.24 -6.61 0.30	50.52 -6.62 0.00	55.50 -8.23 6.06	72.33 -16.16 22.69	66.57 -15.69 27.51	49.49 -10.34 14.33	52.47 -9.04 6.04	62.75 -9.54 1.52
NM_ST_REGIS___HYD 24053	72.02 2.27 0.00	60.23 1.69 0.00	62.31 1.82 0.00	90.02 2.47 0.00	122.68 2.88 0.00	92.83 2.13 0.00	91.97 1.79 0.00	126.65 2.70 0.00	195.33 2.88 0.00	183.93 0.68 0.00	193.79 0.59 0.00	214.84 0.33 0.00	268.29 2.28 0.00	153.19 2.24 0.00	111.57 0.94 0.00	49.71 -0.38 0.00	55.68 -0.48 0.00	56.34 -0.79 0.00	68.84 -0.95 0.00	110.53 -0.65 0.00	109.73 -0.05 0.00	74.60 0.43 0.00	68.31 0.75 0.00	75.32 1.51 0.00
NORTHPORT___1 23551	89.66 4.97 -14.93	70.31 4.29 -7.47	67.43 4.14 -2.81	102.96 6.26 -9.14	136.13 8.89 -7.44	129.43 7.09 -31.64	127.25 7.49 -29.58	134.82 9.68 -1.19	206.09 13.63 0.00	198.47 15.22 0.00	207.70 14.50 0.00	231.29 16.78 0.00	285.79 19.79 0.00	161.67 10.72 0.00	119.31 8.68 0.00	101.62 4.56 -46.98	170.22 5.06 -109.00	130.77 5.06 -68.57	76.31 5.79 -0.73	119.76 8.40 -0.17	134.47 8.66 -16.03	86.22 5.87 -6.19	72.45 4.89 0.00	79.02 5.21 0.00
NORTHPORT___2 23552	89.66 4.97 -14.93	70.31 4.29 -7.47	67.43 4.14 -2.81	102.96 6.26 -9.14	136.13 8.89 -7.44	129.43 7.09 -31.64	127.25 7.49 -29.58	134.82 9.68 -1.19	206.09 13.63 0.00	198.47 15.22 0.00	207.70 14.50 0.00	231.29 16.78 0.00	285.79 19.79 0.00	161.67 10.72 0.00	119.31 8.68 0.00	101.62 4.56 -46.98	170.22 5.06 -109.00	130.77 5.06 -68.57	76.31 5.79 -0.73	119.76 8.40 -0.17	134.47 8.66 -16.03	86.22 5.87 -6.19	72.45 4.89 0.00	79.02 5.21 0.00
NORTHPORT___3 23553	89.00 4.32 -14.93	69.75 3.73 -7.47	66.86 3.56 -2.81	102.09 5.39 -9.14	134.95 7.71 -7.44	128.48 6.15 -31.64	126.39 6.63 -29.58	131.31 8.69 1.34	204.95 12.51 0.01	183.52 14.99 14.72	198.94 12.00 6.26	228.91 14.42 0.02	282.27 16.27 0.00	157.29 9.80 3.46	83.00 8.81 36.44	51.85 4.72 2.96	147.55 4.62 -86.78	98.40 4.12 -37.14	27.20 5.64 48.23	82.83 8.04 36.39	113.16 7.74 4.36	85.62 5.27 -6.19	71.77 4.21 0.00	78.23 4.42 0.00
NORTHPORT___4 23650	89.00 4.32 -14.93	69.75 3.73 -7.47	66.86 3.56 -2.81	102.09 5.39 -9.14	134.95 7.71 -7.44	128.48 6.15 -31.64	126.39 6.63 -29.58	131.31 8.69 1.34	204.95 12.51 0.01	183.52 14.99 14.72	198.94 12.00 6.26	228.91 14.42 0.02	282.27 16.27 0.00	157.29 9.80 3.46	83.00 8.81 36.44	51.85 4.72 2.96	147.55 4.62 -86.78	98.40 4.12 -37.14	27.20 5.64 48.23	82.83 8.04 36.39	113.16 7.74 4.36	85.62 5.27 -6.19	71.77 4.21 0.00	78.23 4.42 0.00
NORTHPORT___IC 23718	89.66 4.97 -14.93	70.31 4.29 -7.47	67.43 4.14 -2.81	102.96 6.26 -9.14	136.13 8.89 -7.44	129.42 7.09 -31.64	127.25 7.49 -29.58	134.83 9.68 -1.19	206.09 13.64 0.00	198.47 15.22 0.00	207.70 14.50 0.00	231.29 16.78 0.00	285.79 19.79 0.00	161.67 10.72 0.00	119.31 8.68 0.00	101.62 4.55 -46.97	170.22 5.07 -109.00	130.77 5.06 -68.56	76.31 5.79 -0.73	119.75 8.39 -0.17	134.46 8.65 -16.03	86.22 5.87 -6.19	72.45 4.89 0.00	79.02 5.21 0.00
NORTH___COUNTRY_ESR 323785	71.16 1.41 0.00	59.67 1.12 0.00	61.71 1.22 0.00	89.38 1.82 0.00	122.15 2.36 0.00	92.39 1.70 0.00	91.84 1.66 0.00	125.91 1.95 0.00	193.97 1.52 0.00	183.10 -0.16 0.00	190.89 -2.31 0.00	211.43 -3.08 0.00	264.48 -1.52 0.00	150.92 -0.03 0.00	109.81 -0.82 0.00	48.82 -1.27 0.00	54.88 -1.27 0.00	55.59 -1.55 0.00	67.79 -2.00 0.00	108.70 -2.49 0.00	107.74 -2.03 0.00	73.15 -1.02 0.00	66.98 -0.58 0.00	73.88 0.07 0.00
NPX_GEN_1385_PROXY 323591	89.65 4.96 -14.93	70.84 4.82 -7.47	68.56 5.26 -2.81	105.17 8.47 -9.14	186.64 12.28 -54.57	246.53 9.63 -146.21	125.10 9.31 -25.61	136.43 11.28 -1.19	206.82 14.37 0.00	199.18 15.93 0.00	206.77 13.57 0.00	243.22 16.71 -12.00	297.14 20.37 -10.77	186.02 10.97 -24.09	116.19 7.80 2.24	97.52 4.68 -42.76	170.91 5.76 -109.00	131.61 5.91 -68.57	76.94 6.42 -0.73	119.93 8.57 -0.17	135.96 10.16 -16.03	87.35 7.00 -6.19	73.56 6.01 0.00	143.38 7.23 -62.34
NPX_GEN_CSC 323557	90.75 6.04 -14.96	71.19 5.17 -7.47	68.16 4.86 -2.81	103.88 7.18 -9.14	137.28 10.04 -7.44	130.25 7.92 -31.64	124.27 8.49 -25.61	146.51 11.44 -11.12	209.55 17.07 -0.03	259.70 18.60 -57.84	235.13 17.32 -24.61	246.61 20.02 -12.09	300.40 23.63 -10.77	201.73 13.11 -37.68	262.40 10.84 -140.93	294.66 5.59 -238.98	255.66 5.49 -194.02	254.36 5.17 -192.05	269.37 6.46 -193.12	264.25 9.21 -143.86	215.03 9.10 -96.15	86.56 6.20 -6.19	72.73 5.18 0.00	79.33 5.52 0.00
NSINS_S___GLNS_FALLS 23858	74.86 5.11 0.00	62.82 4.27 0.00	64.76 4.28 0.00	93.84 6.29 0.00	128.67 8.87 0.00	97.77 7.07 0.00	97.29 7.11 0.00	132.89 8.94 0.00	206.97 14.52 0.00	198.88 15.62 0.00	209.37 16.17 0.00	232.05 17.54 0.00	286.11 20.11 0.00	161.84 10.89 0.00	119.05 8.42 0.00	54.13 3.83 -0.21	60.28 4.12 0.00	61.65 4.52 0.00	75.17 5.39 0.00	119.58 8.40 0.00	117.71 7.93 0.00	116.07 6.11 -35.80	73.26 5.71 0.00	79.57 5.76 0.00
NUCOR_STEEL___DRP 24197	68.46 -1.29 0.00	57.72 -0.83 0.00	59.44 -1.05 0.00	85.60 -1.96 0.00	117.06 -2.74 0.00	88.87 -1.82 0.00	88.44 -1.73 0.00	121.33 -2.62 0.00	189.19 -3.26 0.00	181.42 -2.79 -0.96	190.01 -3.19 0.00	211.59 -2.92 0.00	262.07 -3.94 0.00	148.11 -2.84 0.00	108.61 -2.02 0.00	49.41 -0.72 -0.04	55.38 -0.90 -0.13	56.35 -0.79 0.00	70.78 -0.92 -1.91	112.73 -2.22 -3.77	113.24 -2.53 -5.99	77.62 -1.91 -5.36	66.30 -1.58 -0.32	72.51 -1.93 -0.63
NUMBER_THREE_WT_PWR 323818	72.34 2.58 0.00	60.22 1.68 0.00	61.85 1.36 0.00	88.72 1.17 0.00	121.23 1.44 0.00	90.93 0.23 0.00	90.31 0.13 0.00	124.77 0.81 0.00	193.35 0.90 0.00	183.63 0.38 0.00	193.76 0.56 0.00	215.30 0.79 0.00	268.28 2.27 0.00	154.24 3.29 0.00	113.85 3.22 0.00	51.67 1.57 -0.01	57.46 1.30 0.00	57.39 0.25 0.00	70.77 0.98 0.00	112.25 1.07 0.01	111.25 1.64 0.17	74.63 0.46 0.00	67.04 -0.52 0.00	73.03 -0.79 0.00
NYISO_LBMP_REFERENCE 24008	69.75 0.00 0.00	58.55 0.00 0.00	60.49 0.00 0.00	87.55 0.00 0.00	119.79 0.00 0.00	90.70 0.00 0.00	90.18 0.00 0.00	123.95 0.00 0.00	192.45 0.00 0.00	183.25 0.00 0.00	193.20 0.00 0.00	214.51 0.00 0.00	266.00 0.00 0.00	150.95 0.00 0.00	110.63 0.00 0.00	50.09 0.00 0.00	56.16 0.00 0.00	57.14 0.00 0.00	69.79 0.00 0.00	111.18 0.00 0.00	109.78 0.00 0.00	74.16 0.00 0.00	67.56 0.00 0.00	73.81 0.00 0.00

NYPA_BRENTWD____GT 24164	90.42 5.73 -14.94	70.87 4.85 -7.47	67.96 4.66 -2.81	103.59 6.89 -9.14	136.87 9.63 -7.44	129.84 7.50 -31.64	128.12 8.36 -29.58	138.15 11.19 -3.00	209.18 16.73 -0.01	212.19 18.38 -10.56	215.28 17.59 -4.49	234.77 20.25 -0.02	289.82 23.82 0.00	166.00 12.57 -2.48	146.75 9.98 -26.14	138.00 5.11 -82.80	186.19 5.58 -124.46	154.02 5.77 -91.11	112.57 6.93 -35.86	147.71 10.11 -26.41	150.41 9.98 -30.66	86.99 6.63 -6.19	72.90 5.34 0.00	79.56 5.75 0.00
NYPA_GOWANUS____GT5 24156	73.20 3.44 0.00	61.42 2.87 0.00	63.08 2.60 0.00	91.31 3.76 0.00	125.12 5.33 0.00	95.22 4.52 0.00	95.22 5.04 0.00	131.03 7.07 0.00	204.70 12.25 0.00	197.36 14.10 0.00	206.28 13.08 0.00	229.87 15.36 0.00	283.10 17.10 0.00	160.07 9.11 0.00	118.02 7.39 0.00	55.93 3.71 -2.13	88.28 3.77 -28.36	150.07 4.00 -88.93	221.65 4.96 -146.90	315.94 7.19 -197.57	187.33 6.86 -70.69	81.67 4.17 -3.34	71.23 3.68 0.00	77.40 3.59 0.00
NYPA_GOWANUS____GT6 24157	73.20 3.44 0.00	61.42 2.87 0.00	63.08 2.60 0.00	91.31 3.76 0.00	125.12 5.33 0.00	95.22 4.52 0.00	95.22 5.04 0.00	131.03 7.07 0.00	204.70 12.25 0.00	197.36 14.10 0.00	206.28 13.08 0.00	229.87 15.36 0.00	283.10 17.10 0.00	160.07 9.11 0.00	118.02 7.39 0.00	55.93 3.71 -2.13	88.28 3.77 -28.36	150.07 4.00 -88.93	221.65 4.96 -146.90	315.94 7.19 -197.57	187.33 6.86 -70.69	81.67 4.17 -3.34	71.23 3.68 0.00	77.40 3.59 0.00
NYPA_HARLEM__RVR__GT1 24160	72.75 3.00 0.00	61.14 2.59 0.00	62.80 2.31 0.00	90.91 3.35 0.00	124.59 4.80 0.00	94.82 4.12 0.00	94.82 4.65 0.00	130.38 6.43 0.00	203.38 10.92 0.00	195.81 12.55 0.00	205.26 12.06 0.00	228.60 14.09 0.00	281.54 15.54 0.00	159.15 8.20 0.00	117.18 6.55 0.00	53.54 3.28 -0.17	59.50 3.35 0.00	60.72 3.58 0.00	74.13 4.34 0.00	117.67 6.49 0.00	116.07 6.29 0.00	81.41 3.91 -3.34	70.94 3.38 0.00	77.15 3.34 0.00
NYPA_HARLEM__RVR__GT2 24161	72.75 3.00 0.00	61.14 2.59 0.00	62.80 2.31 0.00	90.91 3.35 0.00	124.59 4.80 0.00	94.82 4.12 0.00	94.82 4.65 0.00	130.38 6.43 0.00	203.38 10.92 0.00	195.81 12.55 0.00	205.26 12.06 0.00	228.60 14.09 0.00	281.54 15.54 0.00	159.15 8.20 0.00	117.18 6.55 0.00	53.54 3.28 -0.17	59.50 3.35 0.00	60.72 3.58 0.00	74.13 4.34 0.00	117.67 6.49 0.00	116.07 6.29 0.00	81.41 3.91 -3.34	70.94 3.38 0.00	77.15 3.34 0.00
NYPA_KENT____GT 24152	73.06 3.31 0.00	61.31 2.76 0.00	62.98 2.49 0.00	91.16 3.60 0.00	124.93 5.14 0.00	95.05 4.36 0.00	95.07 4.89 0.00	130.84 6.88 0.00	204.34 11.89 0.00	196.97 13.71 0.00	206.14 12.94 0.00	229.49 14.98 0.00	282.75 16.74 0.00	159.75 8.80 0.00	117.71 7.08 0.00	54.85 3.53 -1.23	60.77 3.59 -1.02	64.19 3.85 -3.21	79.66 4.72 -5.15	125.17 6.86 -7.13	118.89 6.56 -2.55	81.52 4.02 -3.34	71.10 3.54 0.00	77.26 3.45 0.00
NYPA_POUCH1____GT 24155	72.97 3.22 0.00	61.24 2.69 0.00	62.92 2.43 0.00	91.06 3.50 0.00	124.81 5.02 0.00	94.98 4.29 0.00	94.94 4.76 0.00	130.61 6.66 0.00	204.02 11.57 0.00	196.76 13.51 0.00	205.69 12.49 0.00	229.28 14.77 0.00	282.35 16.35 0.00	159.77 8.82 0.00	117.78 7.15 0.00	55.84 3.61 -2.13	58.12 3.60 1.64	55.82 3.82 5.14	66.36 4.81 8.24	106.62 6.86 11.42	112.17 6.48 4.09	81.40 3.90 -3.34	71.01 3.45 0.00	77.18 3.37 0.00
NYPA_VERNON____GT2 24162	72.99 3.24 0.00	61.27 2.72 0.00	62.92 2.43 0.00	91.13 3.57 0.00	124.87 5.07 0.00	94.99 4.29 0.00	95.01 4.83 0.00	130.75 6.80 0.00	204.09 11.64 0.00	196.79 13.54 0.00	206.16 12.96 0.00	229.40 14.89 0.00	282.57 16.56 0.00	159.62 8.67 0.00	117.49 6.86 0.00	53.97 3.39 -0.48	60.12 3.47 -0.50	62.44 3.74 -1.56	76.87 4.55 -2.53	121.30 6.65 -3.47	117.40 6.38 -1.24	81.44 3.94 -3.34	71.04 3.48 0.00	77.18 3.37 0.00
NYPA_VERNON____GT3 24163	72.99 3.24 0.00	61.27 2.72 0.00	62.92 2.43 0.00	91.13 3.57 0.00	124.87 5.07 0.00	94.99 4.29 0.00	95.01 4.83 0.00	130.75 6.80 0.00	204.09 11.64 0.00	196.79 13.54 0.00	206.16 12.96 0.00	229.40 14.89 0.00	282.57 16.56 0.00	159.62 8.67 0.00	117.49 6.86 0.00	53.97 3.39 -0.48	60.12 3.47 -0.50	62.44 3.74 -1.56	76.87 4.55 -2.53	121.30 6.65 -3.47	117.40 6.38 -1.24	81.44 3.94 -3.34	71.04 3.48 0.00	77.18 3.37 0.00
NYPA__ASTORIA_CC1 323568	72.87 3.12 0.00	61.18 2.63 0.00	62.84 2.35 0.00	90.96 3.40 0.00	124.71 4.91 0.00	94.88 4.18 0.00	94.90 4.72 0.00	130.62 6.67 0.00	203.89 11.44 0.00	196.55 13.29 0.00	205.87 12.67 0.00	229.07 14.56 0.00	282.10 16.10 0.00	159.33 8.38 0.00	117.32 6.69 0.00	53.55 3.29 -0.17	59.52 3.37 0.00	60.78 3.64 0.00	74.21 4.43 0.00	117.64 6.46 0.00	115.98 6.20 0.00	81.34 3.84 -3.34	70.96 3.40 0.00	77.08 3.27 0.00
NYPA__ASTORIA_CC2 323569	72.87 3.12 0.00	61.18 2.63 0.00	62.84 2.35 0.00	90.96 3.40 0.00	124.71 4.91 0.00	94.88 4.18 0.00	94.90 4.72 0.00	130.62 6.67 0.00	203.89 11.44 0.00	196.55 13.29 0.00	205.87 12.67 0.00	229.07 14.56 0.00	282.10 16.10 0.00	159.33 8.38 0.00	117.32 6.69 0.00	53.55 3.29 -0.17	59.52 3.37 0.00	60.78 3.64 0.00	74.21 4.43 0.00	117.64 6.46 0.00	115.98 6.20 0.00	81.34 3.84 -3.34	70.96 3.40 0.00	77.08 3.27 0.00
NYPA__HOLTSVILL 23794	90.16 5.45 -14.96	70.66 4.64 -7.47	67.68 4.39 -2.81	103.22 6.52 -9.14	136.39 9.15 -7.44	129.63 7.29 -31.64	127.60 7.85 -29.58	145.39 10.54 -10.89	208.08 15.60 -0.03	257.07 17.30 -56.52	233.52 16.28 -24.04	233.46 18.86 -0.09	288.21 22.20 -0.01	176.34 12.12 -13.27	260.26 9.74 -139.89	293.86 5.06 -238.71	253.69 5.43 -192.10	251.74 5.38 -189.22	265.03 6.52 -188.72	261.27 9.51 -140.57	213.36 9.26 -94.32	86.62 6.27 -6.19	72.63 5.07 0.00	79.06 5.26 0.00
NYPA__HELLGATE_GT1 24158	72.73 2.98 0.00	61.13 2.58 0.00	62.78 2.30 0.00	90.88 3.33 0.00	124.55 4.75 0.00	94.78 4.09 0.00	94.79 4.61 0.00	130.35 6.40 0.00	203.31 10.86 0.00	195.79 12.53 0.00	205.20 12.00 0.00	228.55 14.04 0.00	281.45 15.45 0.00	159.10 8.15 0.00	117.16 6.52 0.00	53.54 3.28 -0.17	59.50 3.34 0.00	60.71 3.57 0.00	74.10 4.31 0.00	117.59 6.41 0.00	116.04 6.26 0.00	81.41 3.91 -3.34	70.94 3.38 0.00	77.15 3.34 0.00
NYPA__HELLGATE_GT2 24159	72.73 2.98 0.00	61.13 2.58 0.00	62.78 2.30 0.00	90.88 3.33 0.00	124.55 4.75 0.00	94.78 4.09 0.00	94.79 4.61 0.00	130.35 6.40 0.00	203.31 10.86 0.00	195.79 12.53 0.00	205.20 12.00 0.00	228.55 14.04 0.00	281.45 15.45 0.00	159.10 8.15 0.00	117.16 6.52 0.00	53.54 3.28 -0.17	59.50 3.34 0.00	60.71 3.57 0.00	74.10 4.31 0.00	117.59 6.41 0.00	116.04 6.26 0.00	81.41 3.91 -3.34	70.94 3.38 0.00	77.15 3.34 0.00
NYS_BARGE__HYD 23848	64.10 -5.65 0.00	53.86 -4.68 0.00	55.60 -4.88 0.00	79.88 -7.68 0.00	109.19 -10.61 0.00	82.97 -7.72 0.00	81.48 -8.70 0.00	110.49 -13.46 0.00	173.74 -18.71 0.00	163.51 -17.55 2.20	173.18 -20.02 0.00	194.37 -20.13 0.00	240.87 -25.13 0.00	135.69 -15.26 0.00	98.69 -11.94 0.00	45.06 -5.03 0.00	50.05 -5.82 0.29	51.40 -5.74 0.00	57.30 -7.16 5.32	76.84 -14.64 19.69	71.29 -14.28 24.20	51.70 -9.07 13.39	54.03 -7.84 5.69	64.04 -8.32 1.45

OAK ORCHARD___HYD 24046	66.50 -3.25 0.00	55.88 -2.67 0.00	57.65 -2.83 0.00	83.01 -4.55 0.00	113.61 -6.18 0.00	86.32 -4.38 0.00	85.63 -4.55 0.00	117.24 -6.71 0.00	183.47 -8.98 0.00	173.56 -8.34 1.35	183.44 -9.76 0.00	205.15 -9.36 0.00	254.19 -11.81 0.00	143.52 -7.43 0.00	104.68 -5.96 0.00	47.61 -2.48 -0.01	53.13 -2.85 0.18	54.43 -2.71 0.00	63.38 -3.44 2.97	95.46 -7.57 8.15	89.32 -7.69 12.76	61.14 -5.16 7.86	61.37 -4.60 1.58	67.97 -4.94 0.90
OAKDALE___35_KV_LOAD 356122	68.87 -0.88 0.00	57.74 -0.80 0.00	59.58 -0.90 0.00	86.14 -1.42 0.00	117.73 -2.06 0.00	89.27 -1.42 0.00	88.63 -1.55 0.00	121.52 -2.44 0.00	189.66 -2.79 0.00	179.36 -2.21 1.69	190.84 -2.36 0.00	212.70 -1.81 0.00	263.62 -2.39 0.00	148.79 -2.16 0.00	109.17 -1.46 0.00	49.57 -0.55 -0.03	55.16 -0.78 0.22	56.43 -0.72 0.00	65.78 -0.88 3.14	104.66 -2.03 4.50	97.14 -2.26 10.38	64.83 -1.69 7.65	66.32 -1.55 -0.32	70.70 -1.98 1.12
OCC_CHEM___DRP 24175	62.93 -6.82 0.00	53.04 -5.51 0.00	54.97 -5.52 0.00	78.91 -8.64 0.00	107.78 -12.01 0.00	81.85 -8.85 0.00	80.28 -9.90 0.00	108.98 -14.97 0.00	171.41 -21.03 0.00	161.02 -19.92 2.31	170.71 -22.49 0.00	191.82 -22.69 0.00	237.81 -28.19 0.00	133.88 -17.07 0.00	97.27 -13.36 0.00	44.37 -5.72 0.00	49.34 -6.52 0.30	50.61 -6.53 0.00	55.59 -8.12 6.09	72.33 -16.06 22.80	66.57 -15.58 27.62	49.52 -10.26 14.38	52.53 -8.96 6.08	62.85 -9.43 1.53
OH_GEN_PROXY 24063	63.66 -6.10 0.00	53.50 -5.05 0.00	55.28 -5.21 0.00	79.40 -8.16 0.00	108.54 -11.25 0.00	82.39 -8.31 0.00	77.14 -9.07 3.97	110.46 -13.49 0.00	173.53 -18.92 0.00	163.18 -17.85 2.22	172.98 -20.22 0.00	206.36 -20.15 -12.00	251.78 -24.99 -10.77	200.07 -15.25 -64.37	10.28 -12.04 88.32	40.69 -5.18 4.22	49.88 -5.98 0.29	51.19 -5.95 0.00	56.50 -7.49 5.80	75.24 -15.00 20.95	69.04 -14.72 26.01	50.81 -9.60 13.76	53.91 -8.33 5.31	63.63 -8.71 1.47
OLIN_CORP_DRP 24177	63.56 -6.19 0.00	53.42 -5.13 0.00	55.14 -5.34 0.00	79.19 -8.37 0.00	108.18 -11.61 0.00	82.22 -8.48 0.00	80.56 -9.61 0.00	109.09 -14.86 0.00	171.55 -20.90 0.00	161.26 -19.63 2.36	170.95 -22.25 0.00	191.93 -22.58 0.00	237.84 -28.17 0.00	133.99 -16.97 0.00	97.40 -13.23 0.00	44.46 -5.63 0.00	49.38 -6.47 0.31	50.62 -6.51 0.00	55.61 -8.08 6.10	72.13 -16.27 22.78	66.47 -15.69 27.62	49.55 -9.99 14.62	52.69 -8.68 6.19	63.12 -9.13 1.56
OLIN_CORP_DSASP 323712	62.95 -6.81 0.00	53.04 -5.51 0.00	54.97 -5.52 0.00	78.92 -8.64 0.00	107.79 -12.01 0.00	81.86 -8.83 0.00	80.28 -9.90 0.00	108.98 -14.98 0.00	171.40 -21.05 0.00	161.05 -19.90 2.31	170.71 -22.49 0.00	191.82 -22.69 0.00	237.74 -28.26 0.00	133.90 -17.05 0.00	97.28 -13.35 0.00	44.39 -5.70 0.00	49.36 -6.49 0.30	50.64 -6.50 0.00	55.60 -8.11 6.09	72.50 -15.88 22.80	66.61 -15.55 27.62	49.55 -10.23 14.38	52.57 -8.91 6.08	62.88 -9.40 1.53
ONEIDA_HERK_LFGE 323681	72.18 2.43 0.00	60.41 1.87 0.00	62.22 1.73 0.00	89.73 2.17 0.00	122.74 2.95 0.00	92.70 2.00 0.00	92.29 2.11 0.00	127.13 3.17 0.00	197.54 5.09 0.00	188.14 4.89 0.00	198.49 5.29 0.00	220.49 5.98 0.00	273.83 7.83 0.00	156.01 5.06 0.00	114.77 4.14 0.00	52.04 1.94 -0.01	58.13 1.98 0.00	58.68 1.54 0.00	71.94 2.15 0.00	114.21 3.04 0.01	112.69 3.13 0.21	75.89 1.73 0.00	68.66 1.10 0.00	74.76 0.95 0.00
ONEIDA___115KV_TB4 55905	71.62 1.87 0.00	60.12 1.57 0.00	62.00 1.51 0.00	89.65 2.09 0.00	122.79 3.00 0.00	93.19 2.49 0.00	92.92 2.74 0.00	127.80 3.84 0.00	199.16 6.71 0.00	189.87 6.62 0.00	200.26 7.06 0.00	222.75 8.24 0.00	276.11 10.11 0.00	156.44 5.48 0.00	114.85 4.22 0.00	52.10 2.00 -0.01	58.32 2.17 0.00	59.05 1.91 0.00	72.22 2.43 0.00	114.48 3.32 0.03	112.43 3.10 0.45	75.97 1.81 0.00	68.86 1.30 0.00	74.98 1.17 0.00
ONONDAGA_REF_OCCRA 23987	68.18 -1.57 0.00	57.24 -1.31 0.00	59.01 -1.48 0.00	85.26 -2.30 0.00	116.68 -3.11 0.00	88.53 -2.17 0.00	88.08 -2.10 0.00	120.97 -2.98 0.00	188.54 -3.91 0.00	180.64 -3.31 -0.70	189.58 -3.62 0.00	211.08 -3.43 0.00	261.47 -4.53 0.00	147.92 -3.03 0.00	108.44 -2.19 0.00	49.26 -0.86 -0.03	55.19 -1.06 -0.09	56.14 -1.00 0.00	69.98 -1.21 -1.41	111.29 -2.65 -2.75	111.00 -2.85 -4.07	76.03 -2.09 -3.95	65.77 -2.02 -0.23	71.88 -2.39 -0.47
ONONDAGA___COGEN 23986	67.69 -2.07 0.00	56.85 -1.69 0.00	58.62 -1.87 0.00	84.66 -2.90 0.00	115.84 -3.95 0.00	87.90 -2.80 0.00	87.40 -2.78 0.00	120.01 -3.95 0.00	187.00 -5.45 0.00	178.45 -4.81 0.00	187.94 -5.26 0.00	209.26 -5.25 0.00	259.16 -6.84 0.00	146.69 -4.26 0.00	107.53 -3.09 0.00	48.87 -1.25 -0.02	54.67 -1.49 0.00	55.70 -1.44 0.00	68.07 -1.72 0.00	107.73 -3.42 0.03	105.68 -3.61 0.48	71.57 -2.59 0.00	65.13 -2.43 0.00	70.99 -2.82 0.00
ONTARIO___LFGE 23819	68.86 -0.90 0.00	57.96 -0.58 0.00	59.43 -1.05 0.00	85.38 -2.18 0.00	116.01 -3.78 0.00	88.84 -1.86 0.00	88.63 -1.55 0.00	120.30 -3.65 0.00	188.06 -4.39 0.00	173.79 -4.01 5.45	188.91 -4.29 0.00	210.16 -4.35 0.00	260.75 -5.25 0.00	146.36 -4.59 0.00	107.87 -2.76 0.00	49.50 -0.55 0.04	54.69 -0.75 0.72	56.44 -0.70 0.00	60.17 -0.64 8.98	104.38 -2.83 3.97	82.26 -3.32 24.21	43.90 -2.38 27.89	70.50 -2.17 -5.11	67.21 -2.99 3.61
ORANGEVILLE_WT_PWR 323706	64.73 -5.02 0.00	54.30 -4.25 0.00	55.88 -4.61 0.00	80.48 -7.07 0.00	109.91 -9.88 0.00	83.27 -7.42 0.00	82.36 -7.82 0.00	112.19 -11.76 0.00	176.12 -16.34 0.00	163.94 -15.61 3.70	175.47 -17.73 0.00	195.80 -18.70 0.00	242.47 -23.53 0.00	135.95 -15.00 0.00	99.31 -11.32 0.00	45.15 -4.92 0.01	49.92 -5.75 0.49	51.61 -5.52 0.01	49.87 -6.73 13.19	30.02 -13.01 68.15	29.25 -12.85 67.68	39.97 -8.62 25.56	37.57 -7.86 22.13	62.66 -8.70 2.45
ORANGEVILLE___ESR 323794	64.73 -5.02 0.00	54.30 -4.25 0.00	55.88 -4.61 0.00	80.48 -7.07 0.00	109.91 -9.88 0.00	83.27 -7.42 0.00	82.36 -7.82 0.00	112.19 -11.76 0.00	176.12 -16.34 0.00	163.94 -15.61 3.70	175.47 -17.73 0.00	195.80 -18.70 0.00	242.47 -23.53 0.00	135.95 -15.00 0.00	99.31 -11.32 0.00	45.15 -4.92 0.01	49.92 -5.75 0.49	51.61 -5.52 0.01	49.87 -6.73 13.19	30.02 -13.01 68.15	29.25 -12.85 67.68	39.97 -8.62 25.56	37.57 -7.86 22.13	62.66 -8.70 2.45
OSWEGATCHIE___HYD 24044	71.87 2.12 0.00	59.96 1.41 0.00	61.85 1.36 0.00	89.07 1.52 0.00	121.42 1.63 0.00	91.52 0.82 0.00	90.76 0.58 0.00	125.14 1.18 0.00	193.28 0.83 0.00	182.58 -0.68 0.00	193.04 -0.16 0.00	214.56 0.05 0.00	267.69 1.69 0.00	153.33 2.38 0.00	112.38 1.75 0.00	50.54 0.44 0.00	56.32 0.16 0.00	56.64 -0.50 0.00	69.44 -0.35 0.00	110.88 -0.30 0.00	110.13 0.35 0.00	74.40 0.23 0.00	67.58 0.02 0.00	74.10 0.29 0.00
OSWEGO___5 23606	67.07 -2.68 0.00	56.32 -2.23 0.00	58.09 -2.40 0.00	83.95 -3.60 0.00	114.88 -4.91 0.00	87.07 -3.62 0.00	86.54 -3.63 0.00	118.86 -5.09 0.00	185.06 -7.39 0.00	176.54 -6.71 0.00	185.95 -7.25 0.00	206.89 -7.62 0.00	256.44 -9.56 0.00	145.23 -5.72 0.00	106.45 -4.18 0.00	48.33 -1.78 -0.02	54.09 -2.07 0.00	55.08 -2.06 0.00	67.25 -2.54 0.00	106.74 -4.57 -0.13	107.38 -4.66 -2.26	70.93 -3.24 0.00	64.59 -2.96 0.00	70.47 -3.33 0.00

OSWEGO___6 23613	67.07 -2.68 0.00	56.32 -2.23 0.00	58.09 -2.40 0.00	83.95 -3.60 0.00	114.88 -4.91 0.00	87.07 -3.62 0.00	86.54 -3.63 0.00	118.86 -5.09 0.00	185.06 -7.39 0.00	176.54 -6.71 0.00	185.95 -7.25 0.00	206.89 -7.62 0.00	256.44 -9.56 0.00	145.23 -5.72 0.00	106.45 -4.18 0.00	48.33 -1.78 -0.02	54.09 -2.07 0.00	55.08 -2.06 0.00	67.25 -2.54 0.00	106.74 -4.57 -0.13	107.38 -4.66 -2.26	70.93 -3.24 0.00	64.59 -2.96 0.00	70.47 -3.33 0.00
OUTOKUMPU-AB___DRP 24206	64.37 -5.38 0.00	54.09 -4.46 0.00	55.89 -4.60 0.00	80.35 -7.21 0.00	109.78 -10.02 0.00	83.41 -7.29 0.00	81.92 -8.26 0.00	111.34 -12.61 0.00	175.06 -17.39 0.00	164.47 -16.37 2.41	174.57 -18.62 0.00	196.10 -18.41 0.00	242.91 -23.09 0.00	136.70 -14.25 0.00	99.52 -11.11 0.00	45.48 -4.61 0.00	50.56 -5.28 0.32	51.94 -5.19 0.00	57.06 -6.49 6.24	74.13 -13.55 23.51	68.32 -13.13 28.33	50.68 -8.54 14.94	53.63 -7.48 6.46	64.32 -7.89 1.59
OXBOW___BTM 323836	63.48 -6.27 0.00	53.43 -5.12 0.00	55.29 -5.20 0.00	79.43 -8.13 0.00	108.54 -11.26 0.00	82.45 -8.24 0.00	80.93 -9.25 0.00	109.95 -14.00 0.00	172.91 -19.54 0.00	162.47 -18.43 2.36	172.39 -20.81 0.00	193.60 -20.92 0.00	239.85 -26.15 0.00	135.06 -15.89 0.00	98.20 -12.43 0.00	44.84 -5.25 0.00	49.86 -5.99 0.31	51.21 -5.93 0.00	56.22 -7.41 6.17	73.16 -14.85 23.18	67.22 -14.55 28.00	49.98 -9.52 14.67	52.97 -8.32 6.27	63.43 -8.82 1.56
OXBOW___ 24026	63.49 -6.26 0.00	53.43 -5.12 0.00	55.29 -5.20 0.00	79.43 -8.13 0.00	108.55 -11.25 0.00	82.44 -8.26 0.00	80.92 -9.26 0.00	109.94 -14.01 0.00	172.93 -19.52 0.00	162.47 -18.42 2.36	172.39 -20.81 0.00	193.60 -20.91 0.00	239.94 -26.06 0.00	135.07 -15.88 0.00	98.18 -12.45 0.00	44.83 -5.26 0.00	49.85 -6.00 0.31	51.18 -5.95 0.00	56.20 -7.42 6.17	73.03 -14.97 23.18	67.17 -14.60 28.00	49.94 -9.55 14.67	52.92 -8.37 6.27	63.42 -8.83 1.56
OXY_CHEM_DSASP 323612	62.93 -6.82 0.00	53.04 -5.51 0.00	54.97 -5.52 0.00	78.91 -8.64 0.00	107.78 -12.01 0.00	81.85 -8.85 0.00	80.28 -9.90 0.00	108.98 -14.97 0.00	171.41 -21.03 0.00	161.02 -19.92 2.31	170.71 -22.49 0.00	191.82 -22.69 0.00	237.81 -28.19 0.00	133.88 -17.07 0.00	97.27 -13.36 0.00	44.37 -5.72 0.00	49.34 -6.52 0.30	50.61 -6.53 0.00	55.59 -8.12 6.09	72.33 -16.06 22.80	66.57 -15.58 27.62	49.52 -10.26 14.38	52.53 -8.96 6.08	62.85 -9.43 1.53
OZONE_PARK_ESR 323760	73.54 3.79 0.00	61.70 3.15 0.00	63.35 2.86 0.00	91.73 4.18 0.00	125.76 5.97 0.00	95.67 4.97 0.00	95.67 5.49 0.00	131.75 7.80 0.00	205.51 13.06 0.00	197.97 14.71 0.00	207.76 14.56 0.00	231.18 16.67 0.00	284.95 18.95 0.00	160.81 9.86 0.00	118.41 7.78 0.00	54.07 3.81 -0.17	60.13 3.98 0.00	61.42 4.28 0.00	74.99 5.20 0.00	118.85 7.67 0.00	117.12 7.34 0.00	82.03 4.53 -3.34	71.52 3.96 0.00	77.68 3.88 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	62.93 -6.82 0.00	53.04 -5.51 0.00	54.97 -5.52 0.00	78.91 -8.64 0.00	107.78 -12.01 0.00	81.85 -8.85 0.00	80.28 -9.90 0.00	108.98 -14.97 0.00	171.41 -21.03 0.00	161.02 -19.92 2.31	170.71 -22.49 0.00	191.82 -22.69 0.00	237.81 -28.19 0.00	133.88 -17.07 0.00	97.27 -13.36 0.00	44.37 -5.72 0.00	49.34 -6.52 0.30	50.61 -6.53 0.00	55.59 -8.12 6.09	72.33 -16.06 22.80	66.57 -15.58 27.62	49.52 -10.26 14.38	52.53 -8.96 6.08	62.85 -9.43 1.53
PACKARD___115KV_DUPONT_184 80571	62.93 -6.82 0.00	53.04 -5.51 0.00	54.97 -5.52 0.00	78.91 -8.64 0.00	107.78 -12.01 0.00	81.85 -8.85 0.00	80.28 -9.90 0.00	108.98 -14.97 0.00	171.41 -21.03 0.00	161.02 -19.92 2.31	170.71 -22.49 0.00	191.82 -22.69 0.00	237.81 -28.19 0.00	133.88 -17.07 0.00	97.27 -13.36 0.00	44.37 -5.72 0.00	49.34 -6.52 0.30	50.61 -6.53 0.00	55.59 -8.12 6.09	72.33 -16.06 22.80	66.57 -15.58 27.62	49.52 -10.26 14.38	52.53 -8.96 6.08	62.85 -9.43 1.53
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	72.68 2.93 0.00	61.06 2.51 0.00	62.73 2.25 0.00	90.82 3.26 0.00	124.45 4.65 0.00	94.71 4.02 0.00	94.71 4.53 0.00	130.23 6.28 0.00	203.12 10.67 0.00	195.58 12.32 0.00	204.99 11.79 0.00	228.29 13.78 0.00	281.15 15.15 0.00	158.93 7.98 0.00	117.03 6.41 0.00	53.47 3.21 -0.17	59.47 3.31 0.00	60.68 3.54 0.00	74.08 4.29 0.00	117.49 6.30 0.00	115.80 6.03 0.00	81.21 3.70 -3.34	70.79 3.23 0.00	77.02 3.21 0.00
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	72.81 3.05 0.00	61.20 2.65 0.00	62.86 2.37 0.00	91.07 3.52 0.00	124.87 5.08 0.00	95.03 4.33 0.00	95.11 4.93 0.00	130.59 6.64 0.00	203.70 11.25 0.00	195.96 12.71 0.00	205.41 12.21 0.00	228.85 14.34 0.00	281.75 15.74 0.00	159.21 8.26 0.00	117.29 6.66 0.00	53.57 3.31 -0.17	59.55 3.39 0.00	60.74 3.60 0.00	74.10 4.31 0.00	117.51 6.32 0.00	115.87 6.09 0.00	81.35 3.85 -3.34	70.90 3.34 0.00	77.16 3.35 0.00
PATROON___115KV_TB1 80586	72.63 2.88 0.00	61.13 2.58 0.00	62.99 2.50 0.00	91.21 3.66 0.00	124.81 5.02 0.00	94.25 3.55 0.00	93.36 3.18 0.00	127.58 3.62 0.00	198.56 6.11 0.00	190.40 7.14 0.00	200.58 7.38 0.00	222.99 8.47 0.00	275.66 9.66 0.00	156.28 5.33 0.00	114.87 4.24 0.00	52.35 2.05 -0.20	58.30 2.14 0.00	59.26 2.12 0.00	72.40 2.61 0.00	115.23 4.05 0.00	113.62 3.84 0.00	99.45 2.59 -22.70	69.93 2.37 0.00	76.61 2.81 0.00
PATTRSNVILLE___SOLAR 323815	72.85 3.10 0.00	61.18 2.63 0.00	63.02 2.53 0.00	91.19 3.64 0.00	124.86 5.07 0.00	94.58 3.89 0.00	94.17 3.99 0.00	129.12 5.16 0.00	200.78 8.33 0.00	192.09 8.83 0.00	202.24 9.04 0.00	224.67 10.16 0.00	278.31 12.31 0.00	157.85 6.90 0.00	115.96 5.33 0.00	52.82 2.51 -0.22	58.88 2.73 0.00	60.03 2.89 0.00	73.29 3.50 0.00	116.44 5.25 0.00	114.74 4.96 0.00	115.55 3.25 -38.13	70.42 2.87 0.00	76.71 2.91 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	65.97 -3.79 0.00	55.42 -3.13 0.00	57.20 -3.28 0.00	82.20 -5.35 0.00	112.36 -7.44 0.00	85.27 -5.42 0.00	84.06 -6.12 0.00	114.67 -9.28 0.00	180.04 -12.40 0.00	168.87 -11.57 2.82	179.89 -13.31 0.00	201.92 -12.59 0.00	250.82 -15.18 0.00	140.98 -9.97 0.00	102.65 -7.98 0.00	46.63 -3.45 0.00	51.67 -4.12 0.37	53.12 -4.01 0.00	57.62 -4.96 7.21	74.32 -10.88 25.99	67.42 -10.51 31.85	49.97 -6.85 17.34	54.71 -6.09 6.76	65.58 -6.36 1.86
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	73.79 4.04 0.00	61.95 3.40 0.00	63.68 3.20 0.00	92.23 4.68 0.00	126.37 6.57 0.00	96.02 5.33 0.00	95.85 5.67 0.00	131.67 7.72 0.00	205.19 12.74 0.00	197.57 14.32 0.00	207.69 14.49 0.00	231.11 16.60 0.00	285.32 19.32 0.00	161.17 10.22 0.00	118.57 7.94 0.00	54.13 3.87 -0.17	60.23 4.07 0.00	61.49 4.35 0.00	75.10 5.31 0.00	119.05 7.86 0.00	117.25 7.47 0.00	82.27 4.67 -3.43	71.60 4.04 0.00	77.79 3.98 0.00
PEEKSKILL___ 23653	72.48 2.73 0.00	60.88 2.33 0.00	62.56 2.07 0.00	90.63 3.08 0.00	124.23 4.44 0.00	94.38 3.69 0.00	94.16 3.98 0.00	129.29 5.34 0.00	201.44 8.98 0.00	193.99 10.74 0.00	203.75 10.54 0.00	226.76 12.25 0.00	279.84 13.84 0.00	158.13 7.18 0.00	116.38 5.75 0.00	53.14 2.89 -0.16	59.12 2.96 0.00	60.33 3.20 0.00	73.68 3.89 0.00	116.90 5.71 0.00	115.20 5.42 0.00	80.79 3.33 -3.30	70.45 2.89 0.00	76.59 2.78 0.00

PGE MADISON___WINDPWR 24146	74.58 4.83 0.00	61.62 3.08 0.00	63.08 2.59 0.00	90.25 2.69 0.00	123.96 4.17 0.00	94.54 3.84 0.00	93.37 3.19 0.00	128.74 4.79 0.00	200.89 8.44 0.00	195.55 8.27 -4.03	201.08 7.88 0.00	223.63 9.12 0.00	280.49 14.48 0.00	159.76 8.81 0.00	117.37 6.74 0.00	53.92 3.72 -0.10	61.07 4.38 -0.53	61.98 4.83 0.00	84.78 6.59 -8.40	140.54 10.14 -19.21	148.59 9.29 -29.53	104.41 5.02 -25.23	74.29 4.12 -2.62	79.83 3.36 -2.66
PIERCEFIELD___HYD 23852	71.59 1.84 0.00	59.87 1.32 0.00	61.95 1.46 0.00	89.46 1.90 0.00	121.81 2.02 0.00	92.15 1.45 0.00	91.20 1.02 0.00	125.70 1.75 0.00	193.92 1.47 0.00	182.45 -0.81 0.00	192.86 -0.33 0.00	213.79 -0.72 0.00	266.88 0.88 0.00	152.45 1.50 0.00	111.11 0.48 0.00	49.55 -0.54 0.00	55.44 -0.72 0.00	56.09 -1.05 0.00	68.55 -1.24 0.00	110.15 -1.03 0.00	109.38 -0.40 0.00	74.39 0.22 0.00	68.17 0.61 0.00	75.17 1.37 0.00
PINELAWN_CC_1 323563	89.67 4.99 -14.93	70.21 4.20 -7.47	67.25 3.96 -2.81	102.62 5.92 -9.14	135.62 8.38 -7.44	129.07 6.73 -31.64	127.05 7.30 -29.58	135.09 9.94 -1.19	207.39 14.94 0.00	199.99 16.74 0.00	209.05 15.85 0.00	232.75 18.24 0.00	287.19 21.19 0.00	162.49 11.54 0.00	119.91 9.28 0.00	101.81 4.75 -46.98	170.13 5.07 -108.91	130.83 5.12 -68.57	76.78 6.26 -0.73	120.47 9.12 -0.17	134.67 8.86 -16.03	86.20 5.85 -6.19	72.37 4.81 0.00	78.79 4.98 0.00
PJM_GEN_HTP_PROXY 323702	72.84 3.09 0.00	61.14 2.60 0.00	62.81 2.32 0.00	90.96 3.40 0.00	124.71 4.92 0.00	94.79 4.10 0.00	94.71 4.53 0.00	130.29 6.34 0.00	203.17 10.72 0.00	195.67 12.42 0.00	205.36 12.16 0.00	228.46 13.95 0.00	281.71 15.71 0.00	160.63 8.10 -1.58	103.94 6.46 13.16	45.38 3.24 7.95	59.48 3.32 0.00	60.73 3.59 0.00	74.13 4.35 0.00	117.50 6.32 0.00	115.85 6.07 0.00	81.22 3.72 -3.34	70.83 3.27 0.00	76.95 3.14 0.00
PJM_GEN_KEystone 24065	50.78 -1.18 17.79	48.99 -0.99 8.57	59.32 -1.17 0.00	85.78 -1.77 0.00	117.40 -2.39 0.00	89.08 -1.61 0.00	88.32 -1.86 0.00	118.17 -3.02 2.77	175.90 -3.62 12.94	129.06 -2.05 52.15	190.31 -2.72 0.17	110.68 -1.68 102.14	122.23 -2.68 141.09	43.99 -2.58 104.39	30.65 -1.94 78.04	34.85 -0.73 14.51	54.85 -1.11 0.20	56.20 -0.94 0.00	65.31 -1.13 3.34	99.61 -2.83 8.74	93.71 -3.01 13.06	54.19 -2.19 17.78	55.51 -1.88 10.17	68.47 -2.23 3.11
PJM_GEN_NEPTUNE_PROXY 323594	81.39 3.76 -7.88	65.65 3.16 -3.95	64.86 2.89 -1.48	96.75 4.37 -4.83	129.94 6.21 -3.93	112.45 5.04 -16.71	111.22 5.42 -15.63	131.88 7.30 -0.63	203.75 11.30 0.00	196.33 13.08 0.00	205.59 12.39 0.00	228.88 14.37 0.00	282.49 16.49 0.00	161.29 8.76 -1.58	104.57 7.10 13.16	71.32 3.66 -17.57	113.40 3.85 -53.39	97.36 3.99 -36.23	75.16 4.81 -0.56	118.34 7.02 -0.13	128.81 6.78 -12.26	83.36 4.36 -4.85	71.24 3.69 0.00	77.51 3.71 0.00
PJM_GEN_VFT_PROXY 323633	72.37 2.61 0.00	60.76 2.22 0.00	62.39 1.91 0.00	90.33 2.78 0.00	123.84 4.04 0.00	94.19 3.50 0.00	94.10 3.92 0.00	129.44 5.49 0.00	201.80 9.35 0.00	194.48 11.23 0.00	201.65 10.84 2.39	226.64 12.48 0.34	264.83 13.86 15.04	159.53 7.00 -1.57	103.18 5.71 13.16	45.05 2.91 7.95	59.09 2.94 0.00	60.35 3.22 0.00	73.69 3.90 0.00	116.81 5.63 0.00	115.19 5.41 0.00	80.76 3.26 -3.34	70.40 2.84 0.00	76.48 2.67 0.00
PLATSBURG_115KV_PMLD1 355749	72.36 2.60 0.00	60.66 2.11 0.00	62.67 2.18 0.00	90.72 3.16 0.00	123.75 3.96 0.00	93.53 2.84 0.00	92.91 2.73 0.00	126.70 2.75 0.00	195.29 2.84 0.00	184.68 1.43 0.00	192.39 -0.81 0.00	213.23 -1.28 0.00	266.42 0.42 0.00	152.04 1.09 0.00	111.10 0.47 0.00	49.48 -0.61 0.00	55.49 -0.66 0.00	56.20 -0.94 0.00	68.53 -1.26 0.00	109.73 -1.46 0.00	108.62 -1.16 0.00	73.65 -0.51 0.00	67.44 -0.12 0.00	74.50 0.69 0.00
PLEASANTVLY___LBMP 24000	72.60 2.85 0.00	60.99 2.44 0.00	62.69 2.21 0.00	90.81 3.26 0.00	124.44 4.65 0.00	94.42 3.72 0.00	94.15 3.98 0.00	129.16 5.20 0.00	201.12 8.67 0.00	193.52 10.27 0.00	203.42 10.22 0.00	226.36 11.85 0.00	279.38 13.38 0.00	157.97 7.02 0.00	116.30 5.67 0.00	53.09 2.82 -0.17	59.08 2.92 0.00	60.25 3.12 0.00	73.59 3.80 0.00	116.79 5.61 0.00	115.13 5.35 0.00	81.01 3.32 -3.52	70.49 2.93 0.00	76.68 2.87 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	72.87 3.11 0.00	61.20 2.65 0.00	62.88 2.40 0.00	91.05 3.49 0.00	124.81 5.01 0.00	94.80 4.10 0.00	94.61 4.43 0.00	130.01 6.06 0.00	202.60 10.15 0.00	195.09 11.84 0.00	204.94 11.74 0.00	227.94 13.44 0.00	281.34 15.34 0.00	158.96 8.01 0.00	116.97 6.34 0.00	53.42 3.16 -0.17	59.42 3.27 0.00	60.65 3.51 0.00	74.08 4.29 0.00	117.47 6.29 0.00	115.77 5.99 0.00	81.23 3.71 -3.36	70.80 3.25 0.00	76.95 3.14 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	72.87 3.11 0.00	61.20 2.65 0.00	62.88 2.40 0.00	91.05 3.49 0.00	124.81 5.01 0.00	94.80 4.10 0.00	94.61 4.43 0.00	130.01 6.06 0.00	202.60 10.15 0.00	195.09 11.84 0.00	204.94 11.74 0.00	227.94 13.44 0.00	281.34 15.34 0.00	158.96 8.01 0.00	116.97 6.34 0.00	53.42 3.16 -0.17	59.42 3.27 0.00	60.65 3.51 0.00	74.08 4.29 0.00	117.47 6.29 0.00	115.77 5.99 0.00	81.23 3.71 -3.36	70.80 3.25 0.00	76.95 3.14 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	73.39 3.64 0.00	61.63 3.08 0.00	63.34 2.85 0.00	91.74 4.18 0.00	125.73 5.93 0.00	95.40 4.71 0.00	95.18 5.00 0.00	130.67 6.71 0.00	203.52 11.07 0.00	195.89 12.63 0.00	205.98 12.78 0.00	229.27 14.76 0.00	282.98 16.97 0.00	159.95 9.00 0.00	117.72 7.09 0.00	53.73 3.47 -0.17	59.80 3.64 0.00	61.03 3.89 0.00	74.53 4.74 0.00	118.25 7.07 0.00	116.49 6.71 0.00	82.10 4.20 -3.74	71.20 3.64 0.00	77.41 3.60 0.00
POLETTI___ 23519	72.80 3.05 0.00	61.07 2.52 0.00	62.73 2.24 0.00	90.83 3.28 0.00	124.50 4.71 0.00	94.65 3.95 0.00	94.60 4.42 0.00	130.18 6.23 0.00	203.06 10.61 0.00	195.63 12.38 0.00	205.23 12.03 0.00	228.30 13.79 0.00	281.29 15.29 0.00	158.57 7.61 0.00	116.81 6.18 0.00	53.34 3.08 -0.17	59.30 3.14 0.00	60.54 3.40 0.00	73.92 4.13 0.00	117.16 5.97 0.00	115.45 5.67 0.00	80.93 3.43 -3.34	70.57 3.01 0.00	76.70 2.89 0.00
POMONA___ESR 323819	72.16 2.41 0.00	60.63 2.08 0.00	62.28 1.79 0.00	90.26 2.70 0.00	123.74 3.95 0.00	94.01 3.31 0.00	93.74 3.56 0.00	128.73 4.78 0.00	200.54 8.09 0.00	193.18 9.92 0.00	202.90 9.70 0.00	225.81 11.30 0.00	278.66 12.66 0.00	157.51 6.56 0.00	115.86 5.23 0.00	52.91 2.66 -0.16	58.87 2.72 0.00	60.07 2.93 0.00	73.41 3.63 0.00	116.47 5.29 0.00	114.77 5.00 0.00	80.38 3.02 -3.20	70.18 2.62 0.00	76.29 2.49 0.00
PORT_JEFF_3 23555	90.40 5.68 -14.96	70.84 4.82 -7.47	67.87 4.57 -2.81	103.48 6.78 -9.14	136.78 9.54 -7.44	129.90 7.56 -31.64	127.92 8.17 -29.58	146.39 11.01 -11.43	208.61 16.13 -0.03	260.76 17.82 -59.68	235.41 16.82 -25.39	233.99 19.39 -0.09	288.80 22.80 -0.01	177.50 12.54 -14.01	268.42 10.07 -147.73	304.73 5.20 -249.44	258.40 5.55 -196.69	258.63 5.51 -195.97	275.74 6.70 -199.24	269.41 9.79 -148.43	218.07 9.59 -98.70	86.87 6.52 -6.19	72.85 5.29 0.00	79.29 5.48 0.00

PORT_JEFF_4 23616	90.68 5.97 -14.97	71.08 5.06 -7.47	68.10 4.80 -2.81	103.77 7.07 -9.14	137.20 9.96 -7.44	130.26 7.92 -31.64	128.31 8.55 -29.58	148.93 11.52 -13.45	208.99 16.51 -0.04	272.94 18.29 -71.41	240.70 17.13 -30.37	234.44 19.82 -0.11	289.30 23.29 -0.01	180.60 12.89 -16.76	297.82 10.46 -176.73	344.64 5.35 -289.20	275.38 5.61 -213.61	283.70 5.57 -220.99	314.81 6.80 -238.22	298.71 9.99 -177.54	234.57 9.86 -114.94	87.21 6.85 -6.19	73.13 5.57 0.00	79.56 5.75 0.00
PORT_JEFF_IC 23713	90.63 5.92 -14.97	71.04 5.02 -7.47	68.05 4.75 -2.81	103.74 7.04 -9.14	137.13 9.89 -7.44	130.20 7.87 -31.64	128.23 8.47 -29.58	148.81 11.41 -13.45	208.83 16.34 -0.04	272.77 18.11 -71.41	240.54 16.96 -30.37	234.25 19.63 -0.11	289.06 23.05 -0.01	180.49 12.78 -16.76	297.72 10.36 -176.73	344.59 5.30 -289.19	275.33 5.56 -213.61	283.64 5.52 -220.99	314.74 6.73 -238.22	298.60 9.88 -177.54	234.48 9.77 -114.93	87.14 6.78 -6.19	73.08 5.52 0.00	79.52 5.71 0.00
PPL_PILGRIM_ST_GT1 24216	90.42 5.73 -14.94	70.87 4.85 -7.47	67.96 4.66 -2.81	103.59 6.89 -9.14	136.87 9.63 -7.44	129.84 7.50 -31.64	128.12 8.36 -29.58	138.15 11.19 -3.00	209.18 16.73 -0.01	212.19 18.38 -10.56	215.28 17.59 -4.49	234.77 20.25 -0.02	289.82 23.82 0.00	166.00 12.57 -2.48	146.75 9.98 -26.14	138.00 5.11 -82.80	186.19 5.58 -124.46	154.02 5.77 -91.11	112.57 6.93 -35.86	147.71 10.11 -26.41	150.41 9.98 -30.66	86.99 6.63 -6.19	72.90 5.34 0.00	79.56 5.75 0.00
PPL_PILGRIM_ST_GT2 24217	90.42 5.73 -14.94	70.87 4.85 -7.47	67.96 4.66 -2.81	103.59 6.89 -9.14	136.87 9.63 -7.44	129.84 7.50 -31.64	128.12 8.36 -29.58	138.15 11.19 -3.00	209.18 16.73 -0.01	212.19 18.38 -10.56	215.28 17.59 -4.49	234.77 20.25 -0.02	289.82 23.82 0.00	166.00 12.57 -2.48	146.75 9.98 -26.14	138.00 5.11 -82.80	186.19 5.58 -124.46	154.02 5.77 -91.11	112.57 6.93 -35.86	147.71 10.11 -26.41	150.41 9.98 -30.66	86.99 6.63 -6.19	72.90 5.34 0.00	79.56 5.75 0.00
PPL_SHRM_GT3 24213	90.82 6.11 -14.96	71.25 5.23 -7.47	68.22 4.92 -2.81	103.95 7.25 -9.14	137.35 10.11 -7.44	130.33 8.00 -31.64	128.32 8.56 -29.58	147.23 11.57 -11.71	209.79 17.31 -0.03	263.32 18.78 -61.29	236.86 17.59 -26.07	234.90 20.29 -0.09	289.95 23.94 -0.01	178.60 13.26 -14.39	273.34 11.03 -151.68	310.65 5.69 -254.86	260.76 5.63 -198.97	261.84 5.31 -199.38	280.97 6.62 -204.56	273.05 9.47 -152.40	219.97 9.28 -100.92	86.68 6.32 -6.19	72.80 5.24 0.00	79.38 5.57 0.00
PPL_SHRM_GT4 24214	90.82 6.11 -14.96	71.25 5.23 -7.47	68.22 4.92 -2.81	103.95 7.25 -9.14	137.35 10.11 -7.44	130.33 8.00 -31.64	128.32 8.56 -29.58	147.23 11.57 -11.71	209.79 17.31 -0.03	263.32 18.78 -61.29	236.86 17.59 -26.07	234.90 20.29 -0.09	289.95 23.94 -0.01	178.60 13.26 -14.39	273.34 11.03 -151.68	310.65 5.69 -254.86	260.76 5.63 -198.97	261.84 5.31 -199.38	280.97 6.62 -204.56	273.05 9.47 -152.40	219.97 9.28 -100.92	86.68 6.32 -6.19	72.80 5.24 0.00	79.38 5.57 0.00
PROJECT___ORANGE 1 24174	67.64 -2.12 0.00	56.79 -1.76 0.00	58.56 -1.93 0.00	84.61 -2.94 0.00	115.83 -3.96 0.00	87.84 -2.86 0.00	87.39 -2.79 0.00	120.01 -3.95 0.00	187.07 -5.38 0.00	178.63 -4.62 0.00	188.11 -5.09 0.00	209.56 -4.95 0.00	259.59 -6.41 0.00	146.85 -4.10 0.00	107.65 -2.98 0.00	48.89 -1.22 -0.02	54.69 -1.47 0.00	55.70 -1.44 0.00	68.01 -1.78 0.00	107.52 -3.61 0.05	105.16 -3.75 0.87	71.48 -2.69 0.00	65.03 -2.53 0.00	70.87 -2.93 0.00
PROJECT___ORANGE 2 24166	67.64 -2.12 0.00	56.79 -1.76 0.00	58.56 -1.93 0.00	84.61 -2.94 0.00	115.83 -3.96 0.00	87.84 -2.86 0.00	87.39 -2.79 0.00	120.01 -3.95 0.00	187.07 -5.38 0.00	178.63 -4.62 0.00	188.11 -5.09 0.00	209.56 -4.95 0.00	259.59 -6.41 0.00	146.85 -4.10 0.00	107.65 -2.98 0.00	48.89 -1.22 -0.02	54.69 -1.47 0.00	55.70 -1.44 0.00	68.01 -1.78 0.00	107.52 -3.61 0.05	105.16 -3.75 0.87	71.48 -2.69 0.00	65.03 -2.53 0.00	70.87 -2.93 0.00
PUCKETT___SOLAR 323809	70.11 0.35 0.00	58.63 0.09 0.00	60.42 -0.07 0.00	87.24 -0.31 0.00	119.38 -0.41 0.00	90.56 -0.13 0.00	89.91 -0.26 0.00	123.37 -0.58 0.00	192.63 0.18 0.00	183.20 0.50 0.55	193.60 0.40 0.00	215.63 1.12 0.00	267.62 1.62 0.00	151.37 0.42 0.00	111.19 0.56 0.00	50.60 0.45 -0.05	56.59 0.51 0.07	57.70 0.56 0.00	69.69 0.77 0.87	111.77 0.63 0.04	107.33 0.16 2.61	73.08 -0.16 0.92	67.91 -0.32 -0.67	72.79 -0.65 0.37
PYRITES___HYD 24023	72.70 2.95 0.00	60.80 2.26 0.00	63.01 2.52 0.00	91.08 3.53 0.00	124.07 4.27 0.00	94.04 3.34 0.00	93.35 3.18 0.00	128.59 4.64 0.00	198.34 5.89 0.00	186.37 3.12 0.00	196.76 3.56 0.00	218.26 3.75 0.00	272.51 6.51 0.00	155.60 4.65 0.00	113.40 2.77 0.00	50.64 0.54 0.00	56.65 0.50 0.00	57.38 0.24 0.00	70.13 0.34 0.00	112.63 1.44 0.00	111.86 2.09 0.00	75.98 1.81 0.00	69.57 2.01 0.00	76.69 2.88 0.00
QUAKERRD_115KV_BK1 80622	65.44 -4.32 0.00	54.97 -3.57 0.00	56.72 -3.76 0.00	81.77 -5.79 0.00	111.89 -7.90 0.00	84.98 -5.72 0.00	84.37 -5.81 0.00	115.64 -8.31 0.00	180.76 -11.69 0.00	171.27 -10.95 1.04	180.91 -12.29 0.00	202.11 -12.40 0.00	250.44 -15.56 0.00	141.46 -9.49 0.00	103.27 -7.36 0.00	46.96 -3.14 -0.01	52.41 -3.61 0.14	53.62 -3.52 0.00	62.98 -4.41 2.40	95.11 -8.82 7.25	89.95 -8.85 10.97	62.02 -6.00 6.14	60.61 -5.41 1.54	67.28 -5.85 0.69
QUEENSBRY_115KV_TB8 356137	75.08 5.32 0.00	62.96 4.42 0.00	64.92 4.43 0.00	94.11 6.55 0.00	129.02 9.23 0.00	98.10 7.41 0.00	97.64 7.46 0.00	133.26 9.31 0.00	207.57 15.12 0.00	199.62 16.37 0.00	210.09 16.89 0.00	232.79 18.29 0.00	286.84 20.84 0.00	162.15 11.19 0.00	119.28 8.65 0.00	54.23 3.93 -0.21	60.38 4.23 0.00	61.81 4.67 0.00	75.33 5.55 0.00	119.82 8.63 0.00	117.97 8.19 0.00	116.45 6.31 -35.98	73.46 5.90 0.00	79.73 5.92 0.00
RAMAPO___LBMP 323565	71.98 2.23 0.00	60.45 1.91 0.00	62.13 1.65 0.00	90.06 2.51 0.00	123.46 3.67 0.00	93.76 3.07 0.00	93.50 3.32 0.00	128.35 4.40 0.00	199.88 7.43 0.00	192.51 9.26 0.00	202.22 9.02 0.00	225.09 10.57 0.00	277.81 11.80 0.00	157.03 6.08 0.00	115.53 4.90 0.00	52.75 2.50 -0.16	58.69 2.54 0.00	59.90 2.76 0.00	73.19 3.40 0.00	116.12 4.94 0.00	114.43 4.66 0.00	80.12 2.77 -3.19	69.99 2.42 0.00	76.08 2.27 0.00
RANKINE____ 23646	65.25 -4.51 0.00	54.76 -3.79 0.00	56.52 -3.97 0.00	81.30 -6.26 0.00	111.13 -8.66 0.00	84.37 -6.33 0.00	83.20 -6.98 0.00	113.38 -10.58 0.00	178.02 -14.43 0.00	166.85 -13.67 2.74	177.48 -15.72 0.00	199.13 -15.38 0.00	246.95 -19.05 0.00	138.82 -12.13 0.00	101.14 -9.48 0.00	46.01 -4.07 0.00	51.02 -4.78 0.36	52.48 -4.65 0.00	56.61 -5.83 7.34	70.51 -12.42 28.25	64.35 -12.07 33.36	49.12 -7.88 17.17	52.87 -7.00 7.69	64.63 -7.38 1.81
RAVENSWOOD_GT2_1 24244	72.84 3.09 0.00	61.14 2.59 0.00	62.79 2.30 0.00	90.95 3.40 0.00	124.67 4.87 0.00	94.78 4.09 0.00	94.72 4.54 0.00	130.31 6.36 0.00	203.26 10.81 0.00	195.83 12.57 0.00	205.40 12.20 0.00	228.58 14.07 0.00	281.75 15.75 0.00	159.08 8.13 0.00	117.13 6.50 0.00	53.51 3.25 -0.17	59.49 3.34 0.00	60.73 3.59 0.00	74.16 4.37 0.00	117.55 6.36 0.00	115.86 6.08 0.00	81.23 3.73 -3.34	70.84 3.28 0.00	76.97 3.16 0.00

RAVENSWOOD_GT2_2 24245	72.84 3.09 0.00	61.14 2.59 0.00	62.79 2.30 0.00	90.95 3.40 0.00	124.67 4.87 0.00	94.78 4.09 0.00	94.72 4.54 0.00	130.31 6.36 0.00	203.26 10.81 0.00	195.83 12.57 0.00	205.40 12.20 0.00	228.58 14.07 0.00	281.75 15.75 0.00	159.08 8.13 0.00	117.13 6.50 0.00	53.51 3.25 -0.17	59.49 3.34 0.00	60.73 3.59 0.00	74.16 4.37 0.00	117.55 6.36 0.00	115.86 6.08 0.00	81.23 3.73 -3.34	70.84 3.28 0.00	76.97 3.16 0.00
RAVENSWOOD_GT2_3 24246	72.87 3.12 0.00	61.17 2.62 0.00	62.84 2.35 0.00	90.98 3.42 0.00	124.73 4.94 0.00	94.84 4.14 0.00	94.78 4.60 0.00	130.37 6.41 0.00	203.35 10.90 0.00	195.93 12.67 0.00	205.49 12.29 0.00	228.66 14.15 0.00	281.89 15.89 0.00	159.15 8.19 0.00	117.20 6.57 0.00	53.53 3.27 -0.17	59.52 3.37 0.00	60.76 3.62 0.00	74.19 4.40 0.00	117.61 6.43 0.00	115.92 6.15 0.00	81.28 3.78 -3.34	70.86 3.31 0.00	77.01 3.20 0.00
RAVENSWOOD_GT2_4 24247	72.87 3.12 0.00	61.17 2.62 0.00	62.84 2.35 0.00	90.98 3.42 0.00	124.73 4.94 0.00	94.84 4.14 0.00	94.78 4.60 0.00	130.37 6.41 0.00	203.35 10.90 0.00	195.93 12.67 0.00	205.49 12.29 0.00	228.66 14.15 0.00	281.89 15.89 0.00	159.15 8.19 0.00	117.20 6.57 0.00	53.53 3.27 -0.17	59.52 3.37 0.00	60.76 3.62 0.00	74.19 4.40 0.00	117.61 6.43 0.00	115.92 6.15 0.00	81.28 3.78 -3.34	70.86 3.31 0.00	77.01 3.20 0.00
RAVENSWOOD_GT3_1 24248	72.84 3.09 0.00	61.14 2.59 0.00	62.79 2.30 0.00	90.95 3.40 0.00	124.67 4.87 0.00	94.78 4.09 0.00	94.73 4.55 0.00	130.31 6.36 0.00	203.26 10.81 0.00	195.83 12.57 0.00	205.40 12.20 0.00	228.60 14.09 0.00	281.75 15.75 0.00	159.08 8.13 0.00	117.13 6.50 0.00	53.51 3.25 -0.17	59.49 3.34 0.00	60.73 3.59 0.00	74.16 4.37 0.00	117.55 6.36 0.00	115.86 6.08 0.00	81.24 3.74 -3.34	70.84 3.28 0.00	76.97 3.16 0.00
RAVENSWOOD_GT3_2 24249	72.84 3.09 0.00	61.14 2.59 0.00	62.79 2.30 0.00	90.95 3.40 0.00	124.67 4.87 0.00	94.78 4.09 0.00	94.73 4.55 0.00	130.31 6.36 0.00	203.26 10.81 0.00	195.83 12.57 0.00	205.40 12.20 0.00	228.60 14.09 0.00	281.75 15.75 0.00	159.08 8.13 0.00	117.13 6.50 0.00	53.51 3.25 -0.17	59.49 3.34 0.00	60.73 3.59 0.00	74.16 4.37 0.00	117.55 6.36 0.00	115.86 6.08 0.00	81.24 3.74 -3.34	70.84 3.28 0.00	76.97 3.16 0.00
RAVENSWOOD_GT3_3 24250	72.94 3.19 0.00	61.23 2.68 0.00	62.88 2.40 0.00	91.06 3.50 0.00	124.84 5.04 0.00	94.92 4.22 0.00	94.87 4.69 0.00	130.52 6.57 0.00	203.59 11.14 0.00	196.15 12.89 0.00	205.77 12.57 0.00	228.95 14.44 0.00	282.27 16.26 0.00	159.37 8.42 0.00	117.33 6.70 0.00	53.60 3.34 -0.17	59.58 3.42 0.00	60.84 3.70 0.00	74.28 4.49 0.00	117.72 6.54 0.00	116.05 6.28 0.00	81.35 3.86 -3.34	70.93 3.37 0.00	77.08 3.27 0.00
RAVENSWOOD_GT3_4 24251	72.94 3.19 0.00	61.23 2.68 0.00	62.88 2.40 0.00	91.06 3.50 0.00	124.84 5.04 0.00	94.92 4.22 0.00	94.87 4.69 0.00	130.52 6.57 0.00	203.59 11.14 0.00	196.15 12.89 0.00	205.77 12.57 0.00	228.95 14.44 0.00	282.27 16.26 0.00	159.37 8.42 0.00	117.33 6.70 0.00	53.60 3.34 -0.17	59.58 3.42 0.00	60.84 3.70 0.00	74.28 4.49 0.00	117.72 6.54 0.00	116.05 6.28 0.00	81.35 3.86 -3.34	70.93 3.37 0.00	77.08 3.27 0.00
RAVENSWOOD_GT_1 23729	72.99 3.24 0.00	61.27 2.72 0.00	62.92 2.43 0.00	91.12 3.57 0.00	124.87 5.08 0.00	94.99 4.29 0.00	95.01 4.84 0.00	130.76 6.81 0.00	204.09 11.64 0.00	196.79 13.54 0.00	206.18 12.98 0.00	229.40 14.89 0.00	282.56 16.56 0.00	159.63 8.68 0.00	117.49 6.86 0.00	53.97 3.40 -0.48	60.12 3.47 -0.50	62.44 3.74 -1.56	76.87 4.55 -2.53	121.30 6.65 -3.47	117.38 6.36 -1.24	81.44 3.94 -3.34	71.04 3.48 0.00	77.19 3.38 0.00
RAVENSWOOD_GT_10 24258	72.84 3.09 0.00	61.15 2.60 0.00	62.81 2.32 0.00	90.96 3.41 0.00	124.69 4.89 0.00	94.79 4.10 0.00	94.72 4.54 0.00	130.31 6.36 0.00	203.23 10.78 0.00	195.81 12.56 0.00	205.40 12.20 0.00	228.54 14.03 0.00	281.73 15.73 0.00	159.08 8.13 0.00	117.13 6.50 0.00	53.54 3.25 -0.21	59.49 3.34 0.00	60.73 3.59 0.00	74.15 4.37 0.00	117.55 6.36 0.00	115.86 6.08 0.00	81.24 3.74 -3.34	70.84 3.28 0.00	76.97 3.16 0.00
RAVENSWOOD_GT_11 24259	72.84 3.09 0.00	61.15 2.60 0.00	62.81 2.32 0.00	90.96 3.41 0.00	124.69 4.89 0.00	94.79 4.10 0.00	94.72 4.54 0.00	130.31 6.36 0.00	203.23 10.78 0.00	195.81 12.56 0.00	205.40 12.20 0.00	228.54 14.03 0.00	281.73 15.73 0.00	159.08 8.13 0.00	117.13 6.50 0.00	53.54 3.25 -0.21	59.49 3.34 0.00	60.73 3.59 0.00	74.15 4.37 0.00	117.55 6.36 0.00	115.86 6.08 0.00	81.24 3.74 -3.34	70.84 3.28 0.00	76.97 3.16 0.00
RAVENSWOOD_GT_4 24252	72.84 3.09 0.00	61.15 2.60 0.00	62.81 2.32 0.00	90.96 3.41 0.00	124.70 4.91 0.00	94.78 4.09 0.00	94.71 4.53 0.00	130.27 6.32 0.00	203.14 10.69 0.00	195.66 12.41 0.00	205.32 12.12 0.00	228.40 13.90 0.00	281.71 15.71 0.00	159.02 8.07 0.00	117.12 6.49 0.00	53.74 3.25 -0.40	59.49 3.34 0.00	60.73 3.59 0.00	74.13 4.37 0.03	117.53 6.34 0.00	115.85 6.07 0.00	81.21 3.71 -3.34	70.82 3.26 0.00	76.93 3.12 0.00
RAVENSWOOD_GT_5 24254	72.84 3.09 0.00	61.15 2.60 0.00	62.81 2.32 0.00	90.96 3.41 0.00	124.70 4.91 0.00	94.78 4.09 0.00	94.71 4.53 0.00	130.27 6.32 0.00	203.14 10.69 0.00	195.66 12.41 0.00	205.32 12.12 0.00	228.40 13.90 0.00	281.71 15.71 0.00	159.02 8.07 0.00	117.12 6.49 0.00	53.74 3.25 -0.40	59.49 3.34 0.00	60.73 3.59 0.00	74.13 4.37 0.03	117.53 6.34 0.00	115.85 6.07 0.00	81.21 3.71 -3.34	70.82 3.26 0.00	76.93 3.12 0.00
RAVENSWOOD_GT_6 24253	72.84 3.09 0.00	61.15 2.60 0.00	62.81 2.32 0.00	90.96 3.41 0.00	124.70 4.91 0.00	94.78 4.09 0.00	94.71 4.53 0.00	130.27 6.32 0.00	203.14 10.69 0.00	195.66 12.41 0.00	205.32 12.12 0.00	228.40 13.90 0.00	281.71 15.71 0.00	159.02 8.07 0.00	117.12 6.49 0.00	53.74 3.25 -0.40	59.49 3.34 0.00	60.73 3.59 0.00	74.13 4.37 0.03	117.53 6.34 0.00	115.85 6.07 0.00	81.21 3.71 -3.34	70.82 3.26 0.00	76.93 3.12 0.00
RAVENSWOOD_GT_7 24255	72.84 3.09 0.00	61.15 2.60 0.00	62.81 2.32 0.00	90.96 3.41 0.00	124.70 4.91 0.00	94.78 4.09 0.00	94.71 4.53 0.00	130.27 6.32 0.00	203.14 10.69 0.00	195.66 12.41 0.00	205.32 12.12 0.00	228.40 13.90 0.00	281.71 15.71 0.00	159.02 8.07 0.00	117.12 6.49 0.00	53.74 3.25 -0.40	59.49 3.34 0.00	60.73 3.59 0.00	74.13 4.37 0.03	117.53 6.34 0.00	115.85 6.07 0.00	81.21 3.71 -3.34	70.82 3.26 0.00	76.93 3.12 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	72.84 3.09 0.00	61.15 2.60 0.00	62.81 2.32 0.00	90.96 3.41 0.00	124.69 4.89 0.00	94.79 4.10 0.00	94.72 4.54 0.00	130.31 6.36 0.00	203.23 10.78 0.00	195.81 12.56 0.00	205.40 12.20 0.00	228.54 14.03 0.00	281.73 15.73 0.00	159.08 8.13 0.00	117.13 6.50 0.00	53.54 3.25 -0.21	59.49 3.34 0.00	60.73 3.59 0.00	74.15 4.37 0.00	117.55 6.36 0.00	115.86 6.08 0.00	81.24 3.74 -3.34	70.84 3.28 0.00	76.97 3.16 0.00

RAVENSWOOD_GT_9 24257	72.84 3.09 0.00	61.15 2.60 0.00	62.81 2.32 0.00	90.96 3.41 0.00	124.69 4.89 0.00	94.79 4.10 0.00	94.72 4.54 0.00	130.31 6.36 0.00	203.23 10.78 0.00	195.81 12.56 0.00	205.40 12.20 0.00	228.54 14.03 0.00	281.73 15.73 0.00	159.08 8.13 0.00	117.13 6.50 0.00	53.54 3.25 -0.21	59.49 3.34 0.00	60.73 3.59 0.00	74.15 4.37 0.00	117.55 6.36 0.00	115.86 6.08 0.00	81.24 3.74 -3.34	70.84 3.28 0.00	76.97 3.16 0.00
RAVENSWOOD___1 23533	72.85 3.10 0.00	61.16 2.61 0.00	62.80 2.32 0.00	90.95 3.39 0.00	124.67 4.87 0.00	94.86 4.16 0.00	94.87 4.69 0.00	130.61 6.66 0.00	203.89 11.44 0.00	196.55 13.29 0.00	205.95 12.75 0.00	229.18 14.68 0.00	282.30 16.29 0.00	159.46 8.51 0.00	117.34 6.71 0.00	53.28 3.34 0.14	59.56 3.40 0.00	60.81 3.67 0.00	74.29 4.46 -0.04	117.71 6.53 0.00	116.08 6.30 0.00	81.40 3.91 -3.34	70.98 3.42 0.00	77.13 3.33 0.00
RAVENSWOOD___2 23534	72.76 3.00 0.00	61.07 2.53 0.00	62.73 2.24 0.00	90.82 3.27 0.00	124.49 4.69 0.00	94.73 4.03 0.00	94.74 4.56 0.00	130.40 6.45 0.00	203.59 11.14 0.00	196.30 13.05 0.00	205.64 12.44 0.00	228.67 14.16 0.00	281.35 15.35 0.00	158.78 7.82 0.00	116.54 5.91 0.00	53.17 2.92 -0.17	59.45 2.93 -0.36	61.47 3.20 -1.14	75.55 3.88 -1.88	119.42 5.71 -2.53	116.54 5.86 -0.91	81.29 3.78 -3.34	70.90 3.34 0.00	77.00 3.19 0.00
RAVENSWOOD___3 23535	72.84 3.09 0.00	61.15 2.61 0.00	62.80 2.31 0.00	90.95 3.40 0.00	124.69 4.89 0.00	94.79 4.10 0.00	94.72 4.55 0.00	130.32 6.37 0.00	203.25 10.80 0.00	195.83 12.57 0.00	205.42 12.22 0.00	228.62 14.11 0.00	281.77 15.77 0.00	159.09 8.14 0.00	117.14 6.51 0.00	53.51 3.25 -0.17	59.49 3.34 0.00	60.73 3.59 0.00	74.16 4.37 0.00	117.56 6.37 0.00	115.88 6.10 0.00	81.25 3.75 -3.34	70.84 3.28 0.00	76.97 3.16 0.00
RAVENSWOOD___4 23820	72.85 3.10 0.00	61.16 2.61 0.00	62.80 2.32 0.00	90.95 3.39 0.00	124.67 4.87 0.00	94.86 4.16 0.00	94.87 4.69 0.00	130.61 6.66 0.00	203.89 11.44 0.00	196.55 13.29 0.00	205.95 12.75 0.00	229.18 14.68 0.00	282.30 16.29 0.00	159.46 8.51 0.00	117.34 6.71 0.00	53.28 3.34 0.14	59.56 3.40 0.00	60.81 3.67 0.00	74.29 4.46 -0.04	117.71 6.53 0.00	116.08 6.30 0.00	81.40 3.91 -3.34	70.98 3.42 0.00	77.13 3.33 0.00
RCPI_TRUST___DRP 24196	72.98 3.23 0.00	61.24 2.70 0.00	62.91 2.42 0.00	91.12 3.57 0.00	124.90 5.11 0.00	94.97 4.27 0.00	94.91 4.73 0.00	130.61 6.66 0.00	203.75 11.30 0.00	196.21 12.96 0.00	205.85 12.65 0.00	229.05 14.54 0.00	282.39 16.39 0.00	159.41 8.46 0.00	117.37 6.73 0.00	53.60 3.35 -0.17	59.61 3.45 0.00	60.85 3.71 0.00	74.29 4.50 0.00	117.73 6.55 0.00	116.07 6.29 0.00	81.36 3.86 -3.34	70.98 3.41 0.00	77.08 3.27 0.00
RED___ROCHESTER 323720	66.98 -2.78 0.00	56.27 -2.28 0.00	58.04 -2.44 0.00	83.60 -3.96 0.00	114.38 -5.42 0.00	86.95 -3.75 0.00	86.30 -3.88 0.00	118.20 -5.75 0.00	184.84 -7.61 0.00	174.84 -7.07 1.34	184.86 -8.34 0.00	206.73 -7.77 0.00	256.20 -9.80 0.00	144.61 -6.34 0.00	105.48 -5.15 0.00	48.01 -2.09 -0.01	53.59 -2.39 0.18	54.94 -2.20 0.00	63.99 -2.82 2.98	96.26 -6.62 8.31	90.13 -6.76 12.89	61.80 -4.52 7.84	61.84 -4.08 1.64	68.53 -4.39 0.89
REGAN___SOLAR 323812	75.02 5.27 0.00	62.82 4.28 0.00	64.66 4.18 0.00	93.50 5.94 0.00	128.14 8.34 0.00	97.26 6.57 0.00	96.95 6.77 0.00	133.17 9.21 0.00	207.19 14.74 0.00	197.72 14.47 0.00	207.92 14.71 0.00	231.04 16.53 0.00	286.85 20.84 0.00	162.91 11.95 0.00	119.59 8.96 0.00	54.44 4.12 -0.22	60.78 4.62 0.00	62.05 4.91 0.00	75.76 5.97 0.00	120.20 9.01 0.00	118.23 8.45 0.00	115.24 5.43 -35.65	72.21 4.65 0.00	78.57 4.76 0.00
RENSSELAER___COGEN 23796	72.26 2.51 0.00	60.82 2.28 0.00	62.68 2.19 0.00	90.76 3.20 0.00	124.20 4.41 0.00	93.71 3.01 0.00	92.67 2.49 0.00	126.68 2.73 0.00	197.05 4.60 0.00	188.92 5.66 0.00	198.97 5.77 0.00	221.12 6.61 0.00	273.51 7.51 0.00	155.00 4.05 0.00	113.93 3.30 0.00	51.91 1.62 -0.20	57.79 1.64 0.00	58.74 1.60 0.00	71.79 2.00 0.00	114.25 3.07 0.00	112.71 2.93 0.00	92.92 2.03 -16.73	69.44 1.89 0.00	76.17 2.36 0.00
REPUBLIC_115KV_BARTNBRK 55605	79.94 10.19 0.00	66.64 8.10 0.00	68.77 8.28 0.00	99.85 12.29 0.00	137.01 17.21 0.00	104.85 14.15 0.00	104.71 14.53 0.00	141.73 17.78 0.00	221.14 28.69 0.00	213.67 30.42 0.00	224.66 31.46 0.00	248.45 33.94 0.00	303.40 37.40 0.00	170.46 19.51 0.00	125.79 15.16 0.00	56.94 6.64 -0.21	63.32 7.16 0.00	65.39 8.25 0.00	79.38 9.60 0.00	126.48 15.29 0.00	124.66 14.88 0.00	119.70 9.75 -35.79	76.39 8.83 0.00	82.33 8.52 0.00
REVERE_CPPR_DRP 24186	72.71 2.96 0.00	60.96 2.42 0.00	62.81 2.32 0.00	90.75 3.19 0.00	124.28 4.49 0.00	94.22 3.52 0.00	93.98 3.80 0.00	129.40 5.45 0.00	201.62 9.17 0.00	192.18 8.92 0.00	202.74 9.54 0.00	225.46 10.95 0.00	279.62 13.62 0.00	158.68 7.73 0.00	116.53 5.90 0.00	52.83 2.73 -0.01	59.13 2.98 0.00	59.83 2.69 0.00	73.22 3.43 0.00	116.06 4.90 0.02	114.14 4.73 0.37	77.01 2.85 0.00	69.71 2.15 0.00	75.83 2.02 0.00
REYNOLDS_115KV_TB3 80639	72.82 3.07 0.00	61.32 2.78 0.00	63.16 2.68 0.00	91.43 3.88 0.00	125.10 5.31 0.00	94.52 3.83 0.00	93.72 3.54 0.00	127.93 3.97 0.00	198.95 6.50 0.00	190.91 7.66 0.00	201.10 7.90 0.00	223.48 8.98 0.00	276.26 10.26 0.00	156.73 5.78 0.00	115.37 4.74 0.00	52.65 2.36 -0.20	58.60 2.45 0.00	59.62 2.48 0.00	72.82 3.04 0.00	116.01 4.83 0.00	114.38 4.61 0.00	99.09 3.08 -21.84	70.37 2.81 0.00	76.85 3.04 0.00
RIVERBAY____ 323610	72.81 3.05 0.00	61.20 2.65 0.00	62.86 2.37 0.00	91.07 3.52 0.00	124.87 5.08 0.00	95.03 4.33 0.00	95.11 4.93 0.00	130.59 6.64 0.00	203.70 11.25 0.00	195.96 12.71 0.00	205.41 12.21 0.00	228.85 14.34 0.00	281.75 15.74 0.00	159.21 8.26 0.00	117.29 6.66 0.00	53.57 3.31 -0.17	59.55 3.39 0.00	60.74 3.60 0.00	74.10 4.31 0.00	117.51 6.32 0.00	115.87 6.09 0.00	81.35 3.85 -3.34	70.90 3.34 0.00	77.16 3.35 0.00
RIVERSDE_115KV_TB3 55908	72.56 2.81 0.00	61.08 2.53 0.00	62.93 2.44 0.00	91.12 3.56 0.00	124.69 4.90 0.00	94.15 3.45 0.00	93.22 3.05 0.00	127.36 3.41 0.00	198.16 5.71 0.00	190.05 6.80 0.00	200.21 7.01 0.00	222.52 8.01 0.00	275.13 9.13 0.00	155.96 5.01 0.00	114.70 4.07 0.00	52.29 1.99 -0.20	58.20 2.05 0.00	59.19 2.05 0.00	72.30 2.52 0.00	115.14 3.95 0.00	113.50 3.73 0.00	96.55 2.55 -19.84	69.90 2.34 0.00	76.53 2.73 0.00
ROARING___BROOK_WT_PWR 323790	69.57 -0.18 0.00	58.30 -0.24 0.00	60.21 -0.28 0.00	86.65 -0.90 0.00	118.20 -1.60 0.00	89.43 -1.27 0.00	88.99 -1.19 0.00	122.60 -1.35 0.00	189.40 -3.05 0.00	179.29 -3.96 0.00	188.92 -4.28 0.00	210.01 -4.50 0.00	262.35 -3.65 0.00	150.16 -0.79 0.00	110.20 -0.43 0.00	49.76 -0.33 0.00	55.86 -0.30 0.00	56.73 -0.41 0.00	69.22 -0.56 0.00	110.65 -0.54 0.00	109.47 -0.31 0.00	74.02 -0.14 0.00	67.44 -0.12 0.00	73.79 -0.02 0.00

ROCHESRG_115KV_T4 355643	66.20 -3.55 0.00	55.61 -2.94 0.00	57.38 -3.11 0.00	82.65 -4.90 0.00	113.07 -6.72 0.00	85.87 -4.82 0.00	85.15 -5.03 0.00	116.58 -7.37 0.00	182.38 -10.07 0.00	172.54 -9.38 1.33	182.40 -10.80 0.00	204.03 -10.47 0.00	252.81 -13.19 0.00	142.70 -8.25 0.00	104.08 -6.55 0.00	47.35 -2.75 -0.01	52.80 -3.18 0.17	54.08 -3.06 0.00	62.95 -3.84 3.00	94.27 -8.27 8.65	88.38 -8.28 13.11	60.82 -5.54 7.79	60.84 -4.94 1.78	67.66 -5.27 0.88
ROCHESTER_9_IC 23652	66.62 -3.14 0.00	55.96 -2.59 0.00	57.74 -2.74 0.00	83.15 -4.41 0.00	113.79 -6.00 0.00	86.46 -4.24 0.00	85.79 -4.39 0.00	117.46 -6.50 0.00	183.75 -8.70 0.00	173.91 -7.99 1.35	183.79 -9.41 0.00	205.54 -8.97 0.00	254.70 -11.30 0.00	143.76 -7.19 0.00	104.85 -5.78 0.00	47.70 -2.40 -0.01	53.21 -2.77 0.18	54.53 -2.61 0.00	63.51 -3.30 2.98	95.43 -7.45 8.31	89.40 -7.49 12.89	61.29 -5.02 7.84	61.43 -4.49 1.64	68.10 -4.82 0.89
ROCKVIEW_13_KV_LD 356306	73.10 3.35 0.00	61.36 2.81 0.00	63.04 2.55 0.00	91.31 3.75 0.00	125.18 5.38 0.00	95.11 4.42 0.00	94.98 4.80 0.00	130.59 6.64 0.00	203.53 11.08 0.00	196.07 12.82 0.00	205.82 12.62 0.00	229.05 14.54 0.00	282.62 16.62 0.00	159.61 8.66 0.00	117.50 6.86 0.00	53.66 3.40 -0.17	59.68 3.52 0.00	60.91 3.77 0.00	74.38 4.59 0.00	117.95 6.76 0.00	116.27 6.50 0.00	81.52 4.02 -3.34	71.08 3.52 0.00	77.21 3.40 0.00
ROME____115KV_TB2 80656	72.71 2.96 0.00	60.96 2.42 0.00	62.81 2.32 0.00	90.75 3.19 0.00	124.28 4.49 0.00	94.22 3.52 0.00	93.98 3.80 0.00	129.40 5.45 0.00	201.62 9.17 0.00	192.18 8.92 0.00	202.74 9.54 0.00	225.46 10.95 0.00	279.62 13.62 0.00	158.68 7.73 0.00	116.53 5.90 0.00	52.83 2.73 -0.01	59.13 2.98 0.00	59.83 2.69 0.00	73.22 3.43 0.00	116.06 4.90 0.02	114.14 4.73 0.37	77.01 2.85 0.00	69.71 2.15 0.00	75.83 2.02 0.00
ROSETON___1 23587	72.38 2.63 0.00	60.81 2.26 0.00	62.53 2.04 0.00	90.57 3.02 0.00	124.08 4.29 0.00	94.14 3.45 0.00	93.89 3.71 0.00	128.83 4.87 0.00	200.62 8.17 0.00	193.02 9.76 0.00	202.85 9.65 0.00	225.74 11.23 0.00	278.66 12.66 0.00	157.56 6.61 0.00	115.96 5.33 0.00	52.92 2.66 -0.17	58.91 2.75 0.00	60.08 2.94 0.00	73.39 3.60 0.00	116.47 5.29 0.00	114.83 5.05 0.00	80.50 3.10 -3.23	70.27 2.71 0.00	76.45 2.64 0.00
ROSETON___2 23588	72.38 2.63 0.00	60.81 2.26 0.00	62.53 2.04 0.00	90.57 3.02 0.00	124.08 4.29 0.00	94.14 3.45 0.00	93.89 3.71 0.00	128.83 4.87 0.00	200.62 8.17 0.00	193.02 9.76 0.00	202.85 9.65 0.00	225.74 11.23 0.00	278.66 12.66 0.00	157.56 6.61 0.00	115.96 5.33 0.00	52.92 2.66 -0.17	58.91 2.75 0.00	60.08 2.94 0.00	73.39 3.60 0.00	116.47 5.29 0.00	114.83 5.05 0.00	80.50 3.10 -3.23	70.27 2.71 0.00	76.45 2.64 0.00
ROTRRDAM_115KV_TB3 80664	72.24 2.49 0.00	60.73 2.18 0.00	62.60 2.11 0.00	90.61 3.05 0.00	124.06 4.27 0.00	93.90 3.20 0.00	93.41 3.23 0.00	128.03 4.08 0.00	199.12 6.67 0.00	190.63 7.37 0.00	200.74 7.54 0.00	223.09 8.58 0.00	276.02 10.01 0.00	156.44 5.49 0.00	114.97 4.34 0.00	52.39 2.09 -0.21	58.37 2.21 0.00	59.48 2.34 0.00	72.61 2.82 0.00	115.44 4.26 0.00	113.81 4.03 0.00	115.94 2.69 -39.09	69.95 2.39 0.00	76.25 2.44 0.00
RUSSELL___1 23602	66.97 -2.78 0.00	56.27 -2.28 0.00	58.05 -2.44 0.00	83.60 -3.96 0.00	114.36 -5.43 0.00	86.94 -3.75 0.00	86.30 -3.88 0.00	118.19 -5.76 0.00	184.83 -7.62 0.00	174.83 -7.08 1.34	184.87 -8.33 0.00	206.74 -7.77 0.00	256.20 -9.80 0.00	144.61 -6.34 0.00	105.48 -5.15 0.00	48.00 -2.10 -0.01	53.57 -2.41 0.18	54.92 -2.22 0.00	63.99 -2.82 2.98	96.18 -6.69 8.31	90.10 -6.78 12.89	61.78 -4.54 7.84	61.83 -4.09 1.64	68.52 -4.40 0.89
RUSSELL___2 23532	66.97 -2.78 0.00	56.27 -2.28 0.00	58.05 -2.44 0.00	83.60 -3.96 0.00	114.36 -5.43 0.00	86.94 -3.75 0.00	86.30 -3.88 0.00	118.19 -5.76 0.00	184.83 -7.62 0.00	174.83 -7.08 1.34	184.87 -8.33 0.00	206.74 -7.77 0.00	256.20 -9.80 0.00	144.61 -6.34 0.00	105.48 -5.15 0.00	48.00 -2.10 -0.01	53.57 -2.41 0.18	54.92 -2.22 0.00	63.99 -2.82 2.98	96.18 -6.69 8.31	90.10 -6.78 12.89	61.78 -4.54 7.84	61.83 -4.09 1.64	68.52 -4.40 0.89
RUSSELL___3 23549	66.97 -2.78 0.00	56.27 -2.28 0.00	58.05 -2.44 0.00	83.60 -3.96 0.00	114.36 -5.43 0.00	86.94 -3.75 0.00	86.30 -3.88 0.00	118.19 -5.76 0.00	184.83 -7.62 0.00	174.83 -7.08 1.34	184.87 -8.33 0.00	206.74 -7.77 0.00	256.20 -9.80 0.00	144.61 -6.34 0.00	105.48 -5.15 0.00	48.00 -2.10 -0.01	53.57 -2.41 0.18	54.92 -2.22 0.00	63.99 -2.82 2.98	96.18 -6.69 8.31	90.10 -6.78 12.89	61.78 -4.54 7.84	61.83 -4.09 1.64	68.52 -4.40 0.89
RUSSELL___4 23556	66.97 -2.78 0.00	56.27 -2.28 0.00	58.05 -2.44 0.00	83.60 -3.96 0.00	114.36 -5.43 0.00	86.94 -3.75 0.00	86.30 -3.88 0.00	118.19 -5.76 0.00	184.83 -7.62 0.00	174.83 -7.08 1.34	184.87 -8.33 0.00	206.74 -7.77 0.00	256.20 -9.80 0.00	144.61 -6.34 0.00	105.48 -5.15 0.00	48.00 -2.10 -0.01	53.57 -2.41 0.18	54.92 -2.22 0.00	63.99 -2.82 2.98	96.18 -6.69 8.31	90.10 -6.78 12.89	61.78 -4.54 7.84	61.83 -4.09 1.64	68.52 -4.40 0.89
RUSSELL___STATION 23914	66.97 -2.78 0.00	56.27 -2.28 0.00	58.05 -2.44 0.00	83.60 -3.96 0.00	114.36 -5.43 0.00	86.94 -3.75 0.00	86.30 -3.88 0.00	118.19 -5.76 0.00	184.83 -7.62 0.00	174.83 -7.08 1.34	184.87 -8.33 0.00	206.74 -7.77 0.00	256.20 -9.80 0.00	144.61 -6.34 0.00	105.48 -5.15 0.00	48.00 -2.10 -0.01	53.57 -2.41 0.18	54.92 -2.22 0.00	63.99 -2.82 2.98	96.18 -6.69 8.31	90.10 -6.78 12.89	61.78 -4.54 7.84	61.83 -4.09 1.64	68.52 -4.40 0.89
S SALMON___HYD 24043	68.77 -0.98 0.00	57.56 -0.99 0.00	59.29 -1.19 0.00	85.45 -2.11 0.00	116.86 -2.93 0.00	88.29 -2.41 0.00	87.50 -2.68 0.00	120.50 -3.46 0.00	187.46 -4.99 0.00	178.71 -4.54 0.00	188.36 -4.85 0.00	210.38 -4.13 0.00	261.06 -4.94 0.00	148.57 -2.38 0.00	109.11 -1.52 0.00	49.55 -0.56 -0.02	55.15 -1.01 0.00	55.86 -1.28 0.00	68.23 -1.56 0.00	108.14 -3.05 0.00	106.97 -2.81 0.00	72.10 -2.06 0.00	65.34 -2.22 0.00	71.11 -2.69 0.00
S.PERRY___115KV_TB1 80734	66.29 -3.46 0.00	55.62 -2.93 0.00	57.22 -3.27 0.00	82.17 -5.39 0.00	112.24 -7.55 0.00	85.42 -5.27 0.00	85.05 -5.13 0.00	116.31 -7.64 0.00	182.00 -10.45 0.00	169.09 -10.16 4.01	181.84 -11.36 0.00	202.19 -12.32 0.00	250.15 -15.85 0.00	141.09 -9.86 0.00	102.86 -7.77 0.00	46.82 -3.26 0.02	52.15 -3.49 0.52	54.04 -3.10 -0.01	63.85 -3.86 2.08	141.29 -8.67 -38.77	114.65 -8.81 -13.68	51.61 -5.87 16.69	82.09 -5.56 -20.09	64.94 -6.21 2.65
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	64.53 -5.22 0.00	54.20 -4.34 0.00	55.97 -4.52 0.00	80.44 -7.12 0.00	109.95 -9.84 0.00	83.50 -7.20 0.00	82.25 -7.94 0.00	111.99 -11.96 0.00	176.01 -16.44 0.00	165.16 -15.58 2.51	175.37 -17.83 0.00	196.89 -17.62 0.00	244.13 -21.87 0.00	137.31 -13.64 0.00	99.91 -10.72 0.00	45.49 -4.59 0.00	50.52 -5.31 0.33	51.88 -5.25 0.00	56.33 -6.58 6.87	70.60 -13.71 26.87	64.87 -13.34 31.57	49.59 -8.69 15.88	52.56 -7.65 7.35	64.15 -8.00 1.66

SAWYER___23_KV_LOAD 55526	64.53 -5.22 0.00	54.20 -4.34 0.00	55.97 -4.52 0.00	80.44 -7.12 0.00	109.95 -9.84 0.00	83.50 -7.20 0.00	82.25 -7.94 0.00	111.99 -11.96 0.00	176.01 -16.44 0.00	165.16 -15.58 2.51	175.37 -17.83 0.00	196.89 -17.62 0.00	244.13 -21.87 0.00	137.31 -13.64 0.00	99.91 -10.72 0.00	45.49 -4.59 0.00	50.52 -5.31 0.33	51.88 -5.25 0.00	56.33 -6.58 6.87	70.60 -13.71 26.87	64.87 -13.34 31.57	49.59 -8.69 15.88	52.56 -7.65 7.35	64.15 -8.00 1.66
SELKIRK___I 23801	74.94 5.18 0.00	63.06 4.51 0.00	65.02 4.53 0.00	94.14 6.59 0.00	128.78 8.99 0.00	97.18 6.48 0.00	96.21 6.03 0.00	131.44 7.49 0.00	204.21 11.75 0.00	195.48 12.23 0.00	205.78 12.58 0.00	228.55 14.04 0.00	282.81 16.81 0.00	160.09 9.14 0.00	117.63 7.00 0.00	53.58 3.29 -0.20	59.74 3.58 0.00	60.85 3.71 0.00	74.29 4.51 0.00	118.11 6.93 0.00	116.41 6.63 0.00	91.83 4.47 -13.20	71.70 4.14 0.00	78.67 4.87 0.00
SELKIRK___II 23799	72.22 2.47 0.00	60.79 2.24 0.00	62.64 2.16 0.00	90.68 3.13 0.00	124.09 4.29 0.00	93.72 3.02 0.00	92.90 2.72 0.00	127.08 3.12 0.00	197.64 5.19 0.00	189.43 6.18 0.00	199.46 6.26 0.00	221.69 7.18 0.00	274.13 8.13 0.00	155.36 4.41 0.00	114.23 3.60 0.00	52.06 1.77 -0.20	57.97 1.81 0.00	58.98 1.84 0.00	72.05 2.27 0.00	114.66 3.47 0.00	113.07 3.30 0.00	89.36 2.19 -13.00	69.56 2.01 0.00	76.11 2.30 0.00
SENECA OSWGO___HYD 24041	67.13 -2.62 0.00	56.36 -2.19 0.00	58.04 -2.45 0.00	83.90 -3.66 0.00	114.79 -5.00 0.00	87.02 -3.68 0.00	86.52 -3.66 0.00	118.94 -5.01 0.00	185.32 -7.13 0.00	176.87 -6.38 0.00	186.30 -6.90 0.00	207.45 -7.07 0.00	256.95 -9.05 0.00	145.51 -5.44 0.00	106.67 -3.96 0.00	48.46 -1.64 -0.02	54.21 -1.94 0.00	55.23 -1.91 0.00	67.44 -2.34 0.00	106.79 -4.41 -0.01	105.45 -4.52 -0.20	70.96 -3.21 0.00	64.53 -3.03 0.00	70.40 -3.41 0.00
SENECA___115KV_TB3 355854	65.38 -4.38 0.00	54.87 -3.68 0.00	56.63 -3.86 0.00	81.45 -6.11 0.00	111.32 -8.48 0.00	84.54 -6.16 0.00	83.35 -6.82 0.00	113.63 -10.33 0.00	178.41 -14.04 0.00	167.21 -13.31 2.74	177.86 -15.33 0.00	199.59 -14.92 0.00	247.48 -18.52 0.00	139.12 -11.83 0.00	101.37 -9.27 0.00	46.11 -3.97 0.00	51.14 -4.66 0.36	52.60 -4.53 0.00	56.75 -5.69 7.34	70.74 -12.20 28.25	64.57 -11.85 33.36	49.25 -7.75 17.17	53.00 -6.87 7.69	64.74 -7.26 1.81
SENECA___ENERGY 23797	68.51 -1.25 0.00	57.64 -0.90 0.00	59.30 -1.19 0.00	85.35 -2.21 0.00	116.34 -3.45 0.00	88.65 -2.04 0.00	88.38 -1.80 0.00	120.70 -3.25 0.00	188.32 -4.13 0.00	178.31 -3.53 1.41	189.23 -3.96 0.00	210.56 -3.95 0.00	261.07 -4.93 0.00	147.08 -3.87 0.00	108.03 -2.60 0.00	49.36 -0.74 -0.01	55.06 -0.91 0.18	56.29 -0.85 0.00	66.87 -0.91 2.01	110.26 -2.80 -1.87	102.17 -3.21 4.39	64.68 -2.36 7.12	67.87 -2.15 -2.47	70.13 -2.75 0.93
SHOEMAKER___GT 23640	72.04 2.28 0.00	60.54 1.99 0.00	62.24 1.76 0.00	90.16 2.60 0.00	123.55 3.76 0.00	93.69 2.99 0.00	93.36 3.18 0.00	128.11 4.16 0.00	199.49 7.04 0.00	191.80 8.54 0.00	201.67 8.47 0.00	224.52 10.02 0.00	277.34 11.34 0.00	156.87 5.92 0.00	115.36 4.73 0.00	52.62 2.38 -0.15	58.60 2.44 0.00	59.79 2.65 0.00	73.01 3.22 0.00	115.92 4.73 0.00	114.25 4.47 0.00	79.90 2.71 -3.02	69.91 2.35 0.00	76.02 2.21 0.00
SHOEMAKR_138KV_BK 111 55601	71.96 2.21 0.00	60.47 1.93 0.00	62.17 1.69 0.00	90.07 2.51 0.00	123.42 3.63 0.00	93.63 2.93 0.00	93.29 3.11 0.00	128.03 4.08 0.00	199.39 6.94 0.00	191.68 8.42 0.00	201.52 8.33 0.00	224.34 9.83 0.00	277.06 11.06 0.00	156.73 5.78 0.00	115.26 4.63 0.00	52.59 2.34 -0.15	58.56 2.40 0.00	59.74 2.60 0.00	72.95 3.16 0.00	115.80 4.62 0.00	114.16 4.38 0.00	79.80 2.63 -3.00	69.85 2.29 0.00	75.97 2.16 0.00
SHOREHAM_IC_1 23715	90.82 6.11 -14.96	71.25 5.23 -7.47	68.22 4.92 -2.81	103.95 7.25 -9.14	137.35 10.11 -7.44	130.33 8.00 -31.64	128.32 8.56 -29.58	147.23 11.57 -11.71	209.79 17.31 -0.03	263.32 18.78 -61.29	236.86 17.59 -26.07	234.90 20.29 -0.09	289.95 23.94 -0.01	178.60 13.26 -14.39	273.34 11.03 -151.68	310.65 5.69 -254.86	260.76 5.63 -198.97	261.84 5.31 -199.38	280.97 6.62 -204.56	273.05 9.47 -152.40	219.97 9.28 -100.92	86.68 6.32 -6.19	72.80 5.24 0.00	79.38 5.57 0.00
SHOREHAM_IC_2 23716	90.82 6.11 -14.96	71.25 5.23 -7.47	68.22 4.92 -2.81	103.95 7.25 -9.14	137.35 10.11 -7.44	130.33 8.00 -31.64	128.32 8.56 -29.58	147.23 11.57 -11.71	209.79 17.31 -0.03	263.32 18.78 -61.29	236.86 17.59 -26.07	234.90 20.29 -0.09	289.95 23.94 -0.01	178.60 13.26 -14.39	273.34 11.03 -151.68	310.65 5.69 -254.86	260.76 5.63 -198.97	261.84 5.31 -199.38	280.97 6.62 -204.56	273.05 9.47 -152.40	219.97 9.28 -100.92	86.68 6.32 -6.19	72.80 5.24 0.00	79.38 5.57 0.00
SISSONVILLE____ 23735	71.59 1.84 0.00	59.87 1.32 0.00	61.95 1.46 0.00	89.46 1.90 0.00	121.81 2.02 0.00	92.15 1.45 0.00	91.20 1.02 0.00	125.70 1.75 0.00	193.92 1.47 0.00	182.45 -0.81 0.00	192.86 -0.33 0.00	213.79 -0.72 0.00	266.88 0.88 0.00	152.45 1.50 0.00	111.11 0.48 0.00	49.55 -0.54 0.00	55.44 -0.72 0.00	56.09 -1.05 0.00	68.55 -1.24 0.00	110.15 -1.03 0.00	109.38 -0.40 0.00	74.39 0.22 0.00	68.17 0.61 0.00	75.17 1.37 0.00
SITHE_IND_GS1 24169	66.47 -3.28 0.00	55.84 -2.71 0.00	57.59 -2.90 0.00	83.25 -4.31 0.00	113.93 -5.86 0.00	86.34 -4.35 0.00	85.83 -4.35 0.00	117.87 -6.08 0.00	183.52 -8.93 0.00	175.08 -8.17 0.00	184.38 -8.82 0.00	205.15 -9.35 0.00	254.23 -11.77 0.00	144.01 -6.94 0.00	105.55 -5.08 0.00	47.92 -2.19 -0.01	53.63 -2.52 0.00	54.61 -2.53 0.00	66.68 -3.11 0.00	105.31 -5.48 0.40	97.31 -5.52 6.96	70.37 -3.80 0.00	64.06 -3.50 0.00	69.90 -3.91 0.00
SITHE_IND_GS2 24170	66.47 -3.28 0.00	55.84 -2.71 0.00	57.59 -2.90 0.00	83.25 -4.31 0.00	113.93 -5.86 0.00	86.34 -4.35 0.00	85.83 -4.35 0.00	117.87 -6.08 0.00	183.52 -8.93 0.00	175.08 -8.17 0.00	184.38 -8.82 0.00	205.15 -9.35 0.00	254.23 -11.77 0.00	144.01 -6.94 0.00	105.55 -5.08 0.00	47.92 -2.19 -0.01	53.63 -2.52 0.00	54.61 -2.53 0.00	66.68 -3.11 0.00	105.31 -5.48 0.40	97.31 -5.52 6.96	70.37 -3.80 0.00	64.06 -3.50 0.00	69.90 -3.91 0.00
SITHE_IND_GS3 24171	66.47 -3.28 0.00	55.84 -2.71 0.00	57.59 -2.90 0.00	83.25 -4.31 0.00	113.93 -5.86 0.00	86.34 -4.35 0.00	85.83 -4.35 0.00	117.87 -6.08 0.00	183.52 -8.93 0.00	175.08 -8.17 0.00	184.38 -8.82 0.00	205.15 -9.35 0.00	254.23 -11.77 0.00	144.01 -6.94 0.00	105.55 -5.08 0.00	47.92 -2.19 -0.01	53.63 -2.52 0.00	54.61 -2.53 0.00	66.68 -3.11 0.00	105.31 -5.48 0.40	97.31 -5.52 6.96	70.37 -3.80 0.00	64.06 -3.50 0.00	69.90 -3.91 0.00
SITHE_IND_GS4 24172	66.47 -3.28 0.00	55.84 -2.71 0.00	57.59 -2.90 0.00	83.25 -4.31 0.00	113.93 -5.86 0.00	86.34 -4.35 0.00	85.83 -4.35 0.00	117.87 -6.08 0.00	183.52 -8.93 0.00	175.08 -8.17 0.00	184.38 -8.82 0.00	205.15 -9.35 0.00	254.23 -11.77 0.00	144.01 -6.94 0.00	105.55 -5.08 0.00	47.92 -2.19 -0.01	53.63 -2.52 0.00	54.61 -2.53 0.00	66.68 -3.11 0.00	105.31 -5.48 0.40	97.31 -5.52 6.96	70.37 -3.80 0.00	64.06 -3.50 0.00	69.90 -3.91 0.00

SITHE___BATAVIA 24024	66.87 -2.88 0.00	56.14 -2.41 0.00	57.92 -2.57 0.00	83.30 -4.25 0.00	113.96 -5.83 0.00	86.74 -3.95 0.00	85.66 -4.52 0.00	116.83 -7.12 0.00	183.47 -8.98 0.00	173.05 -8.29 1.91	182.98 -10.22 0.00	204.96 -9.55 0.00	253.85 -12.16 0.00	143.16 -7.79 0.00	104.17 -6.46 0.00	47.50 -2.59 0.00	52.90 -3.00 0.25	54.40 -2.73 0.00	61.74 -3.52 4.53	86.88 -8.51 15.80	80.95 -8.48 20.34	57.16 -5.48 11.53	58.44 -4.81 4.30	67.36 -5.18 1.26
SITHE___INDEPEND 23800	66.47 -3.28 0.00	55.84 -2.71 0.00	57.59 -2.90 0.00	83.24 -4.31 0.00	113.93 -5.87 0.00	86.34 -4.35 0.00	85.83 -4.35 0.00	117.87 -6.08 0.00	183.52 -8.93 0.00	175.08 -8.17 0.00	184.38 -8.82 0.00	205.15 -9.36 0.00	254.23 -11.77 0.00	144.01 -6.94 0.00	105.55 -5.09 0.00	47.92 -2.18 -0.01	53.63 -2.52 0.00	54.62 -2.52 0.00	66.68 -3.11 0.00	105.29 -5.50 0.40	97.30 -5.53 6.96	70.36 -3.80 0.00	64.06 -3.50 0.00	69.90 -3.91 0.00
SITHE___MASSENA 23902	70.83 1.08 0.00	59.34 0.79 0.00	61.54 1.06 0.00	89.04 1.49 0.00	121.60 1.81 0.00	92.07 1.38 0.00	91.46 1.29 0.00	126.10 2.15 0.00	194.76 2.31 0.00	183.33 0.07 0.00	193.10 -0.10 0.00	213.85 -0.66 0.00	266.61 0.61 0.00	151.99 1.04 0.00	110.73 0.10 0.00	49.66 -0.43 0.00	55.87 -0.29 0.00	56.71 -0.42 0.00	69.24 -0.55 0.00	111.28 0.10 0.00	110.39 0.62 0.00	74.89 0.73 0.00	68.39 0.83 0.00	75.22 1.42 0.00
SITHE___OGDNSBRG 24021	72.45 2.70 0.00	60.63 2.08 0.00	62.88 2.40 0.00	90.95 3.40 0.00	124.03 4.24 0.00	94.02 3.32 0.00	93.43 3.25 0.00	128.81 4.86 0.00	198.68 6.23 0.00	186.54 3.29 0.00	196.82 3.63 0.00	218.00 3.50 0.00	272.09 6.09 0.00	155.28 4.33 0.00	113.13 2.50 0.00	50.59 0.49 0.00	56.76 0.60 0.00	57.56 0.42 0.00	70.33 0.54 0.00	113.01 1.82 0.00	112.20 2.42 0.00	76.15 1.99 0.00	69.62 2.07 0.00	76.68 2.87 0.00
SITHE___STERLING 23777	71.62 1.87 0.00	60.12 1.57 0.00	62.00 1.51 0.00	89.65 2.09 0.00	122.79 3.00 0.00	93.19 2.49 0.00	92.92 2.74 0.00	127.80 3.84 0.00	199.16 6.71 0.00	189.87 6.62 0.00	200.25 7.05 0.00	222.75 8.24 0.00	276.10 10.10 0.00	156.43 5.48 0.00	114.85 4.22 0.00	52.10 2.00 -0.01	58.33 2.17 0.00	59.05 1.91 0.00	72.21 2.43 0.00	114.48 3.32 0.03	112.42 3.09 0.45	75.97 1.81 0.00	68.87 1.31 0.00	74.98 1.17 0.00
SLEIGHT__34_KV_TB1 80719	67.20 -2.55 0.00	56.47 -2.07 0.00	58.24 -2.24 0.00	83.95 -3.61 0.00	114.89 -4.90 0.00	87.30 -3.39 0.00	86.86 -3.31 0.00	119.16 -4.79 0.00	186.10 -6.35 0.00	176.83 -5.83 0.59	186.40 -6.80 0.00	208.01 -6.50 0.00	257.65 -8.36 0.00	145.48 -5.48 0.00	106.29 -4.34 0.00	48.35 -1.75 -0.02	54.05 -2.03 0.08	55.24 -1.90 0.00	66.25 -2.36 1.18	103.39 -5.37 2.42	98.89 -5.53 5.35	66.98 -3.86 3.32	63.88 -3.48 0.20	69.55 -3.87 0.39
SOUTH CAIRO___GT 23612	76.63 6.87 0.00	64.47 5.93 0.00	66.46 5.98 0.00	96.19 8.63 0.00	131.71 11.92 0.00	99.42 8.72 0.00	98.50 8.32 0.00	134.73 10.77 0.00	209.90 17.45 0.00	201.17 17.91 0.00	211.90 18.70 0.00	235.18 20.67 0.00	291.00 25.00 0.00	164.30 13.35 0.00	120.67 10.04 0.00	54.96 4.67 -0.19	61.31 5.15 0.00	62.52 5.38 0.00	76.32 6.53 0.00	121.11 9.92 0.00	119.09 9.31 0.00	92.17 6.06 -11.95	73.00 5.44 0.00	80.03 6.22 0.00
SOUTH HAMPTN___IC 23720	91.50 6.78 -14.96	71.91 5.89 -7.47	68.83 5.53 -2.81	104.72 8.02 -9.14	138.30 11.06 -7.44	130.78 8.44 -31.64	128.66 8.90 -29.58	147.02 11.92 -11.14	210.20 17.72 -0.03	260.11 18.87 -57.99	235.00 17.13 -24.67	234.66 20.06 -0.09	290.23 24.23 -0.01	177.84 13.27 -13.62	265.10 10.94 -143.53	299.84 6.06 -243.70	256.57 6.19 -194.22	255.44 5.94 -192.36	270.64 7.24 -193.61	264.97 9.57 -144.22	215.26 9.13 -96.36	86.74 6.39 -6.19	72.77 5.21 0.00	79.26 5.45 0.00
SOUTHDOW_115KV_TB1 355954	66.72 -3.04 0.00	55.85 -2.70 0.00	57.57 -2.91 0.00	83.68 -3.87 0.00	114.21 -5.58 0.00	86.63 -4.07 0.00	85.78 -4.40 0.00	117.30 -6.65 0.00	183.65 -8.80 0.00	171.53 -8.50 3.22	182.73 -10.47 0.00	205.18 -9.33 0.00	254.04 -11.97 0.00	142.57 -8.38 0.00	104.06 -6.57 0.00	46.97 -3.11 0.01	52.23 -3.51 0.42	54.00 -3.13 0.00	58.41 -3.86 7.52	79.33 -8.93 22.91	70.04 -8.75 31.00	49.82 -6.05 18.30	56.93 -5.61 5.02	65.53 -6.14 2.13
SOUTHOLD_69_KV_BK 2 55809	91.77 7.06 -14.96	72.92 6.90 -7.47	69.67 6.38 -2.81	105.77 9.07 -9.14	139.52 12.28 -7.44	131.16 8.83 -31.64	128.78 9.02 -29.58	147.07 11.97 -11.15	209.96 17.48 -0.03	258.77 17.48 -58.03	230.02 12.13 -24.69	230.53 15.93 -0.09	289.30 23.29 -0.01	177.10 12.52 -13.62	263.10 8.84 -143.63	299.73 5.81 -243.83	256.51 6.08 -194.28	255.36 5.78 -192.44	270.36 6.83 -193.74	262.74 7.23 -144.32	213.07 6.88 -96.41	86.33 5.98 -6.19	72.30 4.74 0.00	78.68 4.88 0.00
SOUTHOLD___IC 23719	91.77 7.06 -14.96	72.92 6.90 -7.47	69.68 6.38 -2.81	105.77 9.07 -9.14	139.52 12.28 -7.44	131.16 8.83 -31.64	128.78 9.02 -29.58	147.07 11.97 -11.15	209.96 17.48 -0.03	258.77 17.49 -58.03	230.02 12.14 -24.69	230.53 15.93 -0.09	289.29 23.29 -0.01	177.11 12.54 -13.62	263.10 8.84 -143.63	299.73 5.80 -243.84	256.51 6.07 -194.28	255.36 5.78 -192.44	270.36 6.83 -193.74	262.72 7.21 -144.32	213.07 6.88 -96.41	86.34 5.99 -6.19	72.29 4.74 0.00	78.69 4.88 0.00
SOUTH_FORK_WT_PWR 323839	92.43 7.72 -14.96	73.03 7.01 -7.47	69.66 6.37 -2.81	105.62 8.92 -9.14	139.12 11.88 -7.44	130.42 8.08 -31.64	127.84 8.08 -29.58	145.57 10.47 -11.15	207.28 14.80 -0.03	256.13 14.87 -58.01	228.88 11.00 -24.68	228.75 14.16 -0.09	285.16 19.15 -0.01	174.61 10.04 -13.62	262.61 8.40 -143.58	300.13 6.28 -243.76	257.10 6.69 -194.25	255.87 6.34 -192.40	270.85 7.39 -193.67	262.38 6.93 -144.27	212.10 5.94 -96.38	85.20 4.84 -6.19	71.27 3.71 0.00	77.57 3.76 0.00
SPIERFLS_115KV_TB 1 80737	74.48 4.72 0.00	62.50 3.96 0.00	64.45 3.97 0.00	93.40 5.85 0.00	128.02 8.23 0.00	97.25 6.55 0.00	96.80 6.62 0.00	132.25 8.29 0.00	205.95 13.50 0.00	197.90 14.65 0.00	208.32 15.12 0.00	230.79 16.28 0.00	284.69 18.69 0.00	161.08 10.13 0.00	118.41 7.78 0.00	53.87 3.57 -0.21	60.00 3.84 0.00	61.37 4.23 0.00	74.81 5.02 0.00	118.93 7.74 0.00	117.11 7.33 0.00	116.19 5.89 -36.13	73.13 5.57 0.00	79.47 5.66 0.00
ST LAWRENCE____ 23600	69.85 0.10 0.00	58.54 -0.01 0.00	60.74 0.25 0.00	87.92 0.37 0.00	120.19 0.40 0.00	90.99 0.30 0.00	90.46 0.28 0.00	124.75 0.80 0.00	192.68 0.22 0.00	181.54 -1.71 0.00	191.15 -2.05 0.00	211.59 -2.92 0.00	263.75 -2.25 0.00	150.26 -0.70 0.00	109.50 -1.13 0.00	49.18 -0.92 0.00	55.37 -0.79 0.00	56.23 -0.91 0.00	68.64 -1.14 0.00	110.26 -0.92 0.00	109.33 -0.45 0.00	74.13 -0.04 0.00	67.66 0.10 0.00	74.32 0.51 0.00
STATE_CA_115KV_115_LB 55624	72.63 2.88 0.00	61.13 2.58 0.00	62.99 2.50 0.00	91.21 3.66 0.00	124.81 5.02 0.00	94.25 3.55 0.00	93.36 3.18 0.00	127.58 3.62 0.00	198.56 6.11 0.00	190.40 7.14 0.00	200.58 7.38 0.00	222.99 8.47 0.00	275.66 9.66 0.00	156.28 5.33 0.00	114.88 4.25 0.00	52.35 2.05 -0.20	58.30 2.14 0.00	59.26 2.12 0.00	72.40 2.61 0.00	115.23 4.05 0.00	113.62 3.84 0.00	99.84 2.59 -23.09	69.93 2.37 0.00	76.61 2.81 0.00

STATE_ST_34_KV_LOAD 55959	68.56 -1.20 0.00	57.76 -0.78 0.00	59.48 -1.01 0.00	85.64 -1.92 0.00	117.08 -2.72 0.00	88.94 -1.75 0.00	88.51 -1.67 0.00	121.35 -2.60 0.00	189.30 -3.15 0.00	181.29 -2.59 -0.63	190.22 -2.98 0.00	211.83 -2.68 0.00	262.36 -3.65 0.00	148.19 -2.76 0.00	108.69 -1.94 0.00	49.47 -0.65 -0.03	55.41 -0.83 -0.08	56.40 -0.74 0.00	70.58 -0.82 -1.61	114.82 -2.17 -5.81	113.61 -2.49 -6.32	76.15 -1.88 -3.86	67.50 -1.58 -1.52	72.27 -1.95 -0.41
STATION 5_MISC_HYD 23604	66.62 -3.13 0.00	55.96 -2.58 0.00	57.75 -2.74 0.00	83.15 -4.40 0.00	113.79 -6.00 0.00	86.48 -4.22 0.00	85.79 -4.39 0.00	117.46 -6.49 0.00	183.75 -8.70 0.00	173.92 -7.98 1.35	183.79 -9.41 0.00	205.54 -8.97 0.00	254.66 -11.35 0.00	143.76 -7.19 0.00	104.87 -5.76 0.00	47.71 -2.39 -0.01	53.22 -2.76 0.18	54.54 -2.60 0.00	63.51 -3.30 2.98	95.51 -7.37 8.31	89.41 -7.48 12.89	61.31 -5.01 7.84	61.44 -4.48 1.64	68.10 -4.82 0.89
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	69.14 -0.61 0.00	58.09 -0.45 0.00	59.94 -0.55 0.00	86.35 -1.21 0.00	118.15 -1.65 0.00	89.88 -0.82 0.00	89.50 -0.68 0.00	122.72 -1.24 0.00	191.74 -0.71 0.00	182.09 -0.35 0.82	191.82 -1.38 0.00	214.06 -0.45 0.00	265.03 -0.97 0.00	149.63 -1.32 0.00	109.21 -1.42 0.00	49.68 -0.42 -0.01	55.54 -0.51 0.11	56.83 -0.31 0.00	67.79 -0.39 1.61	105.51 -2.49 3.19	100.35 -2.87 6.56	67.48 -2.11 4.58	65.30 -1.99 0.27	70.99 -2.28 0.54
STA_56_34_KV_BUS2_REV_LBMP_B 345033	66.37 -3.38 0.00	55.75 -2.80 0.00	57.51 -2.97 0.00	82.83 -4.72 0.00	113.40 -6.39 0.00	86.14 -4.56 0.00	85.51 -4.67 0.00	117.16 -6.80 0.00	183.26 -9.19 0.00	173.48 -8.51 1.25	183.34 -9.86 0.00	204.95 -9.56 0.00	254.01 -11.99 0.00	143.44 -7.51 0.00	104.62 -6.01 0.00	47.58 -2.52 -0.01	53.09 -2.90 0.16	54.36 -2.78 0.00	63.52 -3.48 2.78	95.73 -7.61 7.85	89.90 -7.69 12.18	61.68 -5.18 7.31	61.32 -4.67 1.57	67.96 -5.02 0.83
STA_56___34_KV_BUS2 355983	66.37 -3.38 0.00	55.75 -2.80 0.00	57.51 -2.97 0.00	82.83 -4.72 0.00	113.40 -6.39 0.00	86.14 -4.56 0.00	85.51 -4.67 0.00	117.16 -6.80 0.00	183.26 -9.19 0.00	173.48 -8.51 1.25	183.34 -9.86 0.00	204.95 -9.56 0.00	254.01 -11.99 0.00	143.44 -7.51 0.00	104.62 -6.01 0.00	47.58 -2.52 -0.01	53.09 -2.90 0.16	54.36 -2.78 0.00	63.52 -3.48 2.78	95.73 -7.61 7.85	89.90 -7.69 12.18	61.68 -5.18 7.31	61.32 -4.67 1.57	67.96 -5.02 0.83
STA_67___115KV_BK2 355882	66.44 -3.31 0.00	55.82 -2.72 0.00	57.60 -2.88 0.00	82.96 -4.60 0.00	113.52 -6.27 0.00	86.23 -4.47 0.00	85.54 -4.64 0.00	117.11 -6.85 0.00	183.26 -9.19 0.00	173.51 -8.39 1.35	183.25 -9.95 0.00	204.93 -9.57 0.00	253.99 -12.02 0.00	143.36 -7.59 0.00	104.56 -6.07 0.00	47.55 -2.55 -0.01	53.05 -2.93 0.18	54.36 -2.78 0.00	63.29 -3.52 2.98	95.04 -7.78 8.36	89.04 -7.81 12.92	61.08 -5.25 7.84	61.22 -4.68 1.66	67.93 -4.99 0.89
STA_7___115KV_9TRANS 80674	66.97 -2.78 0.00	56.27 -2.28 0.00	58.05 -2.44 0.00	83.60 -3.96 0.00	114.36 -5.43 0.00	86.94 -3.75 0.00	86.30 -3.88 0.00	118.19 -5.76 0.00	184.83 -7.62 0.00	174.83 -7.08 1.34	184.87 -8.33 0.00	206.74 -7.77 0.00	256.20 -9.80 0.00	144.61 -6.34 0.00	105.48 -5.15 0.00	48.00 -2.10 -0.01	53.57 -2.41 0.18	54.92 -2.22 0.00	63.99 -2.82 2.98	96.18 -6.69 8.31	90.10 -6.78 12.89	61.78 -4.54 7.84	61.83 -4.09 1.64	68.52 -4.40 0.89
STA_82___115KV_TB1 80780	66.48 -3.27 0.00	55.86 -2.69 0.00	57.63 -2.86 0.00	83.00 -4.55 0.00	113.56 -6.24 0.00	86.29 -4.41 0.00	85.60 -4.58 0.00	117.21 -6.74 0.00	183.36 -9.08 0.00	173.52 -8.38 1.36	183.40 -9.80 0.00	205.11 -9.40 0.00	254.12 -11.88 0.00	143.45 -7.50 0.00	104.61 -6.02 0.00	47.59 -2.51 -0.01	53.09 -2.89 0.18	54.39 -2.75 0.00	63.34 -3.48 2.97	95.43 -7.69 8.06	89.30 -7.76 12.72	61.11 -5.19 7.87	61.37 -4.65 1.54	67.94 -4.97 0.90
STEEL___WIND 323596	65.27 -4.48 0.00	54.77 -3.78 0.00	56.55 -3.94 0.00	81.32 -6.23 0.00	111.20 -8.60 0.00	84.45 -6.24 0.00	83.24 -6.94 0.00	113.44 -10.51 0.00	178.12 -14.33 0.00	166.98 -13.54 2.74	177.49 -15.71 0.00	199.20 -15.31 0.00	246.90 -19.10 0.00	138.83 -12.12 0.00	101.18 -9.45 0.00	46.05 -4.04 0.00	51.03 -4.77 0.36	52.50 -4.63 0.00	56.61 -5.83 7.34	70.59 -12.34 28.25	64.29 -12.13 33.36	49.12 -7.87 17.17	52.91 -6.96 7.69	64.60 -7.39 1.81
STEPHTWN_115KV_BK_2 55603	73.12 3.37 0.00	61.50 2.96 0.00	63.41 2.92 0.00	91.79 4.23 0.00	125.67 5.88 0.00	94.91 4.22 0.00	93.87 3.69 0.00	128.61 4.66 0.00	200.36 7.91 0.00	192.04 8.79 0.00	202.20 9.00 0.00	224.85 10.34 0.00	278.14 12.14 0.00	157.26 6.31 0.00	115.55 4.92 0.00	52.62 2.33 -0.20	58.73 2.58 0.00	59.63 2.49 0.00	72.92 3.13 0.00	116.12 4.94 0.00	114.29 4.51 0.00	93.92 3.02 -16.73	70.33 2.78 0.00	77.03 3.23 0.00
STEUBEN_REC_LFGE 323667	65.49 -4.26 0.00	55.01 -3.54 0.00	56.09 -4.40 0.00	80.78 -6.78 0.00	110.59 -9.20 0.00	83.50 -7.20 0.00	83.00 -7.18 0.00	112.87 -11.08 0.00	176.73 -15.72 0.00	158.97 -14.95 9.33	177.63 -15.57 0.00	198.34 -16.17 0.00	247.67 -18.34 0.00	137.75 -13.20 0.00	100.07 -10.56 0.00	45.35 -4.66 0.08	49.76 -5.18 1.22	52.22 -4.92 0.00	49.04 -6.08 14.67	99.72 -11.22 0.24	62.38 -11.20 36.20	18.96 -7.76 47.44	71.60 -7.28 -11.32	59.59 -8.04 6.18
STILLWATER___SOLAR 323814	74.07 4.32 0.00	62.25 3.70 0.00	64.16 3.67 0.00	92.94 5.38 0.00	127.27 7.47 0.00	96.45 5.75 0.00	95.93 5.75 0.00	131.23 7.28 0.00	204.15 11.70 0.00	195.87 12.61 0.00	206.34 13.14 0.00	229.17 14.66 0.00	283.20 17.20 0.00	160.40 9.45 0.00	117.92 7.29 0.00	53.61 3.31 -0.21	59.68 3.53 0.00	60.89 3.76 0.00	74.45 4.66 0.00	118.39 7.21 0.00	116.63 6.86 0.00	113.63 4.82 -34.65	71.96 4.40 0.00	78.32 4.51 0.00
STONY___BROOK 24151	90.57 5.85 -14.97	70.98 4.96 -7.47	68.00 4.70 -2.81	103.66 6.96 -9.14	137.05 9.81 -7.44	130.14 7.81 -31.64	128.19 8.43 -29.58	149.73 11.36 -14.42	208.99 16.50 -0.04	278.62 18.30 -77.07	243.03 17.05 -32.78	234.45 19.83 -0.12	289.28 23.27 -0.01	181.96 12.91 -18.09	311.76 10.38 -190.75	363.81 5.31 -308.40	283.58 5.60 -221.82	295.77 5.55 -233.08	333.63 6.79 -257.05	312.78 9.99 -191.60	242.40 9.85 -122.78	87.13 6.77 -6.19	73.05 5.49 0.00	79.47 5.66 0.00
STURGEON_POOL_HYD 23609	72.87 3.12 0.00	61.24 2.69 0.00	62.94 2.45 0.00	91.14 3.59 0.00	124.92 5.13 0.00	94.76 4.07 0.00	94.56 4.38 0.00	129.87 5.92 0.00	202.35 9.90 0.00	194.69 11.44 0.00	204.77 11.57 0.00	227.90 13.39 0.00	281.27 15.27 0.00	159.02 8.07 0.00	117.03 6.40 0.00	53.42 3.16 -0.17	59.46 3.30 0.00	60.67 3.54 0.00	74.09 4.30 0.00	117.55 6.36 0.00	115.81 6.03 0.00	82.81 3.67 -4.97	70.77 3.21 0.00	76.89 3.08 0.00
ST_LAW_115_BK7_LBMP 345037	69.88 0.13 0.00	58.58 0.03 0.00	60.79 0.30 0.00	88.01 0.45 0.00	120.29 0.49 0.00	91.06 0.36 0.00	90.53 0.35 0.00	124.86 0.90 0.00	192.75 0.30 0.00	181.44 -1.81 0.00	191.10 -2.10 0.00	211.52 -2.99 0.00	263.71 -2.29 0.00	150.28 -0.67 0.00	109.50 -1.13 0.00	49.14 -0.95 0.00	55.35 -0.81 0.00	56.19 -0.95 0.00	68.61 -1.18 0.00	110.28 -0.90 0.00	109.39 -0.39 0.00	74.19 0.03 0.00	67.73 0.16 0.00	74.45 0.64 0.00

ST_LAW_115_BK8_LBMP 345038	69.88 0.13 0.00	58.58 0.03 0.00	60.79 0.30 0.00	88.01 0.45 0.00	120.29 0.49 0.00	91.06 0.36 0.00	90.53 0.35 0.00	124.86 0.90 0.00	192.75 0.30 0.00	181.44 -1.81 0.00	191.10 -2.10 0.00	211.52 -2.99 0.00	263.71 -2.29 0.00	150.28 -0.67 0.00	109.50 -1.13 0.00	49.14 -0.95 0.00	55.35 -0.81 0.00	56.19 -0.95 0.00	68.61 -1.18 0.00	110.28 -0.90 0.00	109.39 -0.39 0.00	74.19 0.03 0.00	67.73 0.16 0.00	74.45 0.64 0.00
ST_LAW_230_BK5_LBMP 345035	69.85 0.10 0.00	58.54 -0.01 0.00	60.74 0.25 0.00	87.92 0.37 0.00	120.19 0.40 0.00	90.99 0.30 0.00	90.46 0.28 0.00	124.75 0.80 0.00	192.68 0.22 0.00	181.54 -1.71 0.00	191.15 -2.05 0.00	211.59 -2.92 0.00	263.75 -2.25 0.00	150.26 -0.70 0.00	109.50 -1.13 0.00	49.18 -0.92 0.00	55.37 -0.79 0.00	56.23 -0.91 0.00	68.64 -1.14 0.00	110.26 -0.92 0.00	109.33 -0.45 0.00	74.13 -0.04 0.00	67.66 0.10 0.00	74.32 0.51 0.00
ST_LAW_230_BK6_LBMP 345036	69.85 0.10 0.00	58.54 -0.01 0.00	60.74 0.25 0.00	87.92 0.37 0.00	120.19 0.40 0.00	90.99 0.30 0.00	90.46 0.28 0.00	124.75 0.80 0.00	192.68 0.22 0.00	181.54 -1.71 0.00	191.15 -2.05 0.00	211.59 -2.92 0.00	263.75 -2.25 0.00	150.26 -0.70 0.00	109.50 -1.13 0.00	49.18 -0.92 0.00	55.37 -0.79 0.00	56.23 -0.91 0.00	68.64 -1.14 0.00	110.26 -0.92 0.00	109.33 -0.45 0.00	74.13 -0.04 0.00	67.66 0.10 0.00	74.32 0.51 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	72.09 2.34 0.00	60.56 2.02 0.00	62.25 1.77 0.00	90.21 2.66 0.00	123.63 3.84 0.00	93.86 3.17 0.00	93.55 3.38 0.00	128.48 4.52 0.00	200.10 7.65 0.00	192.58 9.32 0.00	202.42 9.22 0.00	225.22 10.70 0.00	278.08 12.08 0.00	157.23 6.28 0.00	115.64 5.01 0.00	52.79 2.55 -0.15	58.76 2.61 0.00	59.96 2.82 0.00	73.25 3.46 0.00	116.24 5.05 0.00	114.53 4.76 0.00	80.12 2.85 -3.10	70.04 2.49 0.00	76.15 2.34 0.00
SWANROAD_115KV_TB1 355699	63.60 -6.16 0.00	53.44 -5.10 0.00	55.18 -5.30 0.00	79.22 -8.33 0.00	108.25 -11.55 0.00	82.24 -8.45 0.00	80.56 -9.62 0.00	109.01 -14.94 0.00	171.50 -20.95 0.00	161.25 -19.69 2.31	170.89 -22.31 0.00	191.85 -22.66 0.00	237.72 -28.28 0.00	133.92 -17.03 0.00	97.36 -13.27 0.00	44.46 -5.63 0.00	49.36 -6.49 0.30	50.60 -6.54 0.00	55.81 -8.10 5.88	72.97 -16.29 21.92	67.42 -15.69 26.67	49.95 -9.97 14.25	52.88 -8.64 6.04	63.17 -9.11 1.53
SYNERGY___BIOGAS 323694	66.87 -2.88 0.00	56.14 -2.41 0.00	57.92 -2.57 0.00	83.30 -4.25 0.00	113.96 -5.83 0.00	86.74 -3.95 0.00	85.66 -4.52 0.00	116.83 -7.12 0.00	183.47 -8.98 0.00	173.05 -8.29 1.91	182.98 -10.22 0.00	204.96 -9.55 0.00	253.85 -12.16 0.00	143.16 -7.79 0.00	104.17 -6.46 0.00	47.50 -2.59 0.00	52.90 -3.00 0.25	54.40 -2.73 0.00	61.74 -3.52 4.53	86.88 -8.51 15.80	80.95 -8.48 20.34	57.16 -5.48 11.53	58.44 -4.81 4.30	67.36 -5.18 1.26
SYRACUSE___ENERGY_ST1 323597	67.69 -2.07 0.00	56.85 -1.69 0.00	58.62 -1.87 0.00	84.66 -2.90 0.00	115.84 -3.95 0.00	87.90 -2.80 0.00	87.40 -2.78 0.00	120.01 -3.95 0.00	187.00 -5.45 0.00	178.45 -4.81 0.00	187.94 -5.26 0.00	209.26 -5.25 0.00	259.16 -6.84 0.00	146.69 -4.26 0.00	107.53 -3.09 0.00	48.87 -1.25 -0.02	54.67 -1.49 0.00	55.70 -1.44 0.00	68.07 -1.72 0.00	107.73 -3.42 0.03	105.68 -3.61 0.48	71.57 -2.59 0.00	65.13 -2.43 0.00	70.99 -2.82 0.00
SYRACUSE___ENERGY_ST2 323598	67.69 -2.07 0.00	56.85 -1.69 0.00	58.62 -1.87 0.00	84.66 -2.90 0.00	115.84 -3.95 0.00	87.90 -2.80 0.00	87.40 -2.78 0.00	120.01 -3.95 0.00	187.00 -5.45 0.00	178.45 -4.81 0.00	187.94 -5.26 0.00	209.26 -5.25 0.00	259.16 -6.84 0.00	146.69 -4.26 0.00	107.53 -3.09 0.00	48.87 -1.25 -0.02	54.67 -1.49 0.00	55.70 -1.44 0.00	68.07 -1.72 0.00	107.73 -3.42 0.03	105.68 -3.61 0.48	71.57 -2.59 0.00	65.13 -2.43 0.00	70.99 -2.82 0.00
SYRACUSE___POWER 24017	68.05 -1.70 0.00	57.14 -1.41 0.00	58.92 -1.57 0.00	85.11 -2.44 0.00	116.48 -3.31 0.00	88.35 -2.34 0.00	87.91 -2.27 0.00	120.74 -3.21 0.00	188.17 -4.28 0.00	180.22 -3.62 -0.58	189.22 -3.98 0.00	210.70 -3.81 0.00	261.00 -5.00 0.00	147.66 -3.29 0.00	108.23 -2.40 0.00	49.18 -0.94 -0.03	55.08 -1.15 -0.08	56.05 -1.09 0.00	69.61 -1.33 -1.15	110.57 -2.86 -2.25	109.93 -3.04 -3.19	75.18 -2.22 -3.24	65.64 -2.11 -0.19	71.69 -2.50 -0.38
TALLMAN___138KV_BK151 55660	72.07 2.32 0.00	60.53 1.99 0.00	62.21 1.73 0.00	90.15 2.59 0.00	123.62 3.83 0.00	93.92 3.22 0.00	93.63 3.46 0.00	128.60 4.65 0.00	200.30 7.84 0.00	192.97 9.72 0.00	202.70 9.50 0.00	225.57 11.06 0.00	278.39 12.39 0.00	157.35 6.40 0.00	115.75 5.12 0.00	52.85 2.60 -0.16	58.80 2.65 0.00	60.02 2.88 0.00	73.33 3.55 0.00	116.35 5.17 0.00	114.65 4.87 0.00	80.26 2.91 -3.18	70.10 2.54 0.00	76.21 2.40 0.00
TEALLAVE_115KV_TB7 355573	67.61 -2.14 0.00	56.78 -1.77 0.00	58.54 -1.95 0.00	84.59 -2.97 0.00	115.78 -4.02 0.00	87.81 -2.88 0.00	87.36 -2.82 0.00	119.97 -3.99 0.00	187.00 -5.45 0.00	178.54 -4.72 0.00	188.08 -5.12 0.00	209.42 -5.09 0.00	259.43 -6.57 0.00	146.79 -4.16 0.00	107.61 -3.02 0.00	48.88 -1.23 -0.02	54.67 -1.49 0.00	55.67 -1.47 0.00	68.00 -1.79 0.00	107.51 -3.63 0.05	105.13 -3.79 0.86	71.46 -2.70 0.00	65.00 -2.56 0.00	70.85 -2.96 0.00
TELGRAPH_34_KV_EAST 80808	65.06 -4.70 0.00	54.67 -3.87 0.00	56.43 -4.06 0.00	81.10 -6.46 0.00	110.90 -8.90 0.00	84.33 -6.36 0.00	82.95 -7.23 0.00	112.80 -11.15 0.00	177.27 -15.18 0.00	166.93 -14.24 2.08	176.78 -16.42 0.00	198.30 -16.21 0.00	245.68 -20.32 0.00	138.43 -12.52 0.00	100.68 -9.95 0.00	45.95 -4.14 0.00	51.09 -4.80 0.27	52.43 -4.70 0.00	58.88 -5.91 5.00	80.50 -12.58 18.11	74.91 -12.23 22.64	53.74 -7.79 12.63	55.64 -6.80 5.13	65.25 -7.19 1.38
TEMPLE___115KV_TB 2 55572	67.64 -2.12 0.00	56.79 -1.76 0.00	58.56 -1.93 0.00	84.61 -2.94 0.00	115.83 -3.96 0.00	87.84 -2.86 0.00	87.39 -2.79 0.00	120.01 -3.95 0.00	187.07 -5.38 0.00	178.63 -4.62 0.00	188.11 -5.09 0.00	209.56 -4.95 0.00	259.59 -6.41 0.00	146.85 -4.10 0.00	107.65 -2.98 0.00	48.89 -1.22 -0.02	54.69 -1.47 0.00	55.70 -1.44 0.00	68.01 -1.78 0.00	107.52 -3.61 0.05	105.16 -3.75 0.87	71.48 -2.69 0.00	65.03 -2.53 0.00	70.87 -2.93 0.00
TIANA____69_KV_BK 1 55817	91.28 6.57 -14.96	71.71 5.69 -7.47	68.65 5.35 -2.81	104.50 7.80 -9.14	138.06 10.82 -7.44	130.71 8.37 -31.64	128.66 8.90 -29.58	147.11 12.00 -11.15	210.40 17.93 -0.03	260.50 19.22 -58.02	235.57 17.69 -24.68	235.17 20.57 -0.09	290.67 24.67 -0.01	178.15 13.57 -13.62	265.39 11.14 -143.61	299.87 5.96 -243.81	256.50 6.08 -194.27	255.41 5.85 -192.43	270.69 7.18 -193.72	265.32 9.83 -144.31	215.66 9.49 -96.40	86.90 6.54 -6.19	72.93 5.37 0.00	79.44 5.63 0.00
TILDEN___115KV_TB1 80814	68.05 -1.70 0.00	57.14 -1.41 0.00	58.92 -1.57 0.00	85.11 -2.44 0.00	116.48 -3.31 0.00	88.35 -2.34 0.00	87.91 -2.27 0.00	120.74 -3.21 0.00	188.17 -4.28 0.00	180.22 -3.62 -0.58	189.22 -3.98 0.00	210.70 -3.81 0.00	261.00 -5.00 0.00	147.66 -3.29 0.00	108.23 -2.40 0.00	49.18 -0.94 -0.03	55.08 -1.15 -0.08	56.05 -1.09 0.00	69.61 -1.33 -1.15	110.57 -2.86 -2.25	109.93 -3.04 -3.19	75.18 -2.22 -3.24	65.64 -2.11 -0.19	71.69 -2.50 -0.38

TRIGEN__CC 323695	88.69 4.00 -14.93	69.36 3.35 -7.47	66.37 3.07 -2.81	101.33 4.63 -9.14	133.82 6.58 -7.44	127.67 5.33 -31.64	125.44 5.69 -29.58	132.88 7.73 -1.19	204.55 12.10 0.00	197.13 13.88 0.00	206.53 13.33 0.00	229.86 15.34 0.00	283.73 17.73 0.00	160.37 9.42 0.00	118.10 7.47 0.00	100.88 3.81 -46.97	162.63 4.02 -102.45	129.91 4.21 -68.56	75.59 5.08 -0.73	118.81 7.45 -0.17	132.92 7.12 -16.03	84.92 4.57 -6.19	71.46 3.90 0.00	77.75 3.94 0.00
TRINITY__115KV__4 BK 55933	72.41 2.66 0.00	60.96 2.41 0.00	62.81 2.32 0.00	90.95 3.39 0.00	124.45 4.66 0.00	93.94 3.25 0.00	93.00 2.83 0.00	127.07 3.12 0.00	197.64 5.19 0.00	189.54 6.29 0.00	199.66 6.46 0.00	221.91 7.40 0.00	274.42 8.42 0.00	155.56 4.61 0.00	114.38 3.74 0.00	52.12 1.83 -0.20	58.02 1.87 0.00	59.00 1.86 0.00	72.09 2.30 0.00	114.76 3.58 0.00	113.18 3.40 0.00	94.43 2.33 -17.93	69.72 2.16 0.00	76.39 2.58 0.00
UNION__PROCESSING_DRP 323587	66.50 -3.25 0.00	55.88 -2.67 0.00	57.65 -2.83 0.00	83.01 -4.55 0.00	113.63 -6.16 0.00	86.32 -4.38 0.00	85.63 -4.55 0.00	117.24 -6.71 0.00	183.49 -8.96 0.00	173.55 -8.35 1.35	183.47 -9.73 0.00	205.15 -9.36 0.00	254.25 -11.75 0.00	143.52 -7.44 0.00	104.68 -5.96 0.00	47.60 -2.50 -0.01	53.11 -2.87 0.18	54.42 -2.72 0.00	63.38 -3.43 2.97	95.36 -7.67 8.15	89.31 -7.70 12.76	61.13 -5.17 7.86	61.36 -4.62 1.58	67.96 -4.95 0.90
UPPER HUDSON__HYD 24058	74.48 4.73 0.00	62.50 3.96 0.00	64.45 3.96 0.00	93.40 5.84 0.00	128.02 8.23 0.00	97.25 6.55 0.00	96.79 6.61 0.00	132.24 8.28 0.00	205.95 13.50 0.00	197.90 14.65 0.00	208.32 15.12 0.00	230.79 16.28 0.00	284.69 18.69 0.00	161.07 10.12 0.00	118.41 7.78 0.00	53.87 3.57 -0.21	60.00 3.84 0.00	61.36 4.22 0.00	74.81 5.02 0.00	118.93 7.74 0.00	117.11 7.33 0.00	116.19 5.90 -36.13	73.13 5.57 0.00	79.47 5.66 0.00
UPPER RAQUET__HYD 24056	71.59 1.84 0.00	59.87 1.32 0.00	61.94 1.46 0.00	89.45 1.90 0.00	121.81 2.02 0.00	92.15 1.45 0.00	91.20 1.02 0.00	125.70 1.75 0.00	193.91 1.46 0.00	182.45 -0.81 0.00	192.87 -0.33 0.00	213.79 -0.72 0.00	266.89 0.89 0.00	152.45 1.50 0.00	111.11 0.48 0.00	49.55 -0.54 0.00	55.44 -0.72 0.00	56.08 -1.06 0.00	68.55 -1.23 0.00	110.15 -1.03 0.00	109.38 -0.40 0.00	74.38 0.22 0.00	68.18 0.62 0.00	75.18 1.38 0.00
VALLEY44_115KV_TB2 355964	66.22 -3.53 0.00	55.70 -2.84 0.00	57.58 -2.90 0.00	82.90 -4.66 0.00	113.33 -6.46 0.00	85.57 -5.12 0.00	84.04 -6.14 0.00	114.68 -9.27 0.00	179.49 -12.95 0.00	168.16 -11.73 3.37	180.45 -12.75 0.00	202.95 -11.56 0.00	252.35 -13.65 0.00	141.70 -9.25 0.00	102.94 -7.69 0.00	46.48 -3.60 0.01	50.92 -4.79 0.44	52.80 -4.34 0.00	57.18 -5.09 7.52	80.36 -10.16 20.66	69.88 -10.11 29.78	48.70 -6.66 18.81	57.76 -5.85 3.95	65.58 -6.00 2.23
VALLEY__115KV_TB 1-4 80826	72.64 2.89 0.00	60.74 2.20 0.00	62.21 1.72 0.00	90.03 2.47 0.00	123.29 3.50 0.00	93.70 3.00 0.00	92.94 2.76 0.00	126.48 2.52 0.00	197.16 4.71 0.00	189.88 6.62 0.00	199.76 6.56 0.00	222.69 8.18 0.00	276.61 10.61 0.00	157.01 6.06 0.00	116.09 5.46 0.00	52.70 2.61 0.00	58.93 2.78 0.00	60.07 2.93 0.00	73.30 3.52 0.00	116.25 5.07 0.00	113.89 4.11 0.00	76.85 2.69 0.00	69.86 2.30 0.00	75.87 2.06 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	74.22 4.47 0.00	62.48 3.93 0.00	64.38 3.89 0.00	93.24 5.69 0.00	127.66 7.87 0.00	96.59 5.90 0.00	96.17 5.99 0.00	131.87 7.91 0.00	205.22 12.77 0.00	195.61 12.36 0.00	205.92 12.72 0.00	228.84 14.34 0.00	282.89 16.89 0.00	160.02 9.07 0.00	117.53 6.90 0.00	53.38 3.21 -0.07	59.68 3.52 0.00	60.78 3.64 0.00	74.18 4.39 0.00	117.63 6.46 0.02	115.51 6.04 0.31	82.85 3.77 -4.92	70.76 3.20 0.00	77.03 3.22 0.00
VISCHER__FERRY HYD 24020	73.32 3.56 0.00	61.69 3.15 0.00	63.56 3.08 0.00	92.00 4.44 0.00	125.89 6.10 0.00	95.28 4.59 0.00	94.64 4.47 0.00	129.32 5.37 0.00	201.11 8.66 0.00	192.98 9.72 0.00	203.30 10.10 0.00	226.00 11.48 0.00	279.47 13.47 0.00	158.38 7.43 0.00	116.52 5.89 0.00	53.13 2.83 -0.21	59.15 3.00 0.00	60.26 3.12 0.00	73.59 3.80 0.00	117.08 5.89 0.00	115.37 5.59 0.00	107.58 3.79 -29.62	71.02 3.46 0.00	77.39 3.59 0.00
V_A_10_SYNC_DSASP 323832	64.50 -5.25 0.00	54.22 -4.33 0.00	56.01 -4.48 0.00	80.55 -7.01 0.00	110.12 -9.67 0.00	83.57 -7.12 0.00	82.45 -7.73 0.00	112.36 -11.60 0.00	176.24 -16.21 0.00	166.18 -15.25 1.82	175.96 -17.24 0.00	197.41 -17.10 0.00	244.73 -21.27 0.00	137.95 -13.00 0.00	100.42 -10.20 0.00	45.70 -4.40 0.00	50.83 -5.09 0.24	52.13 -5.01 0.00	58.80 -6.29 4.69	81.87 -12.65 16.66	75.99 -12.55 21.24	54.69 -8.24 11.23	56.20 -7.19 4.17	65.06 -7.54 1.21
V_CMM_10_SYNC_DSASP 323787	70.00 0.24 0.00	58.84 0.30 0.00	61.09 0.61 0.00	88.44 0.89 0.00	120.83 1.04 0.00	91.50 0.80 0.00	90.94 0.76 0.00	125.35 1.40 0.00	193.02 0.57 0.00	181.74 -1.52 0.00	191.46 -1.74 0.00	211.93 -2.58 0.00	264.16 -1.84 0.00	150.56 -0.40 0.00	109.68 -0.95 0.00	49.23 -0.86 0.00	55.45 -0.70 0.00	56.30 -0.84 0.00	68.85 -0.94 0.00	110.79 -0.39 0.00	109.92 0.14 0.00	74.54 0.37 0.00	68.05 0.49 0.00	74.78 0.98 0.00
V_CMP_10_SYNC_DSASP 323788	72.36 2.60 0.00	60.66 2.11 0.00	62.67 2.18 0.00	90.71 3.16 0.00	123.75 3.96 0.00	93.53 2.84 0.00	92.91 2.73 0.00	126.70 2.74 0.00	195.28 2.83 0.00	184.68 1.43 0.00	192.40 -0.80 0.00	213.24 -1.28 0.00	266.43 0.42 0.00	152.05 1.10 0.00	111.11 0.48 0.00	49.48 -0.61 0.00	55.49 -0.66 0.00	56.20 -0.94 0.00	68.54 -1.25 0.00	109.73 -1.46 0.00	108.62 -1.16 0.00	73.65 -0.51 0.00	67.44 -0.12 0.00	74.51 0.70 0.00
V_D_10_SYNC_DSASP 323841	70.82 1.07 0.00	59.31 0.76 0.00	61.53 1.04 0.00	89.03 1.47 0.00	121.57 1.78 0.00	92.06 1.36 0.00	91.46 1.29 0.00	126.08 2.13 0.00	194.74 2.29 0.00	183.33 0.07 0.00	193.09 -0.11 0.00	213.83 -0.68 0.00	266.61 0.61 0.00	151.98 1.03 0.00	110.73 0.10 0.00	49.66 -0.43 0.00	55.88 -0.28 0.00	56.71 -0.42 0.00	69.24 -0.55 0.00	111.28 0.10 0.00	110.39 0.62 0.00	74.88 0.72 0.00	68.39 0.83 0.00	75.22 1.41 0.00
V_E_10_SYNC_DSASP 323830	74.58 4.83 0.00	61.62 3.08 0.00	63.08 2.59 0.00	90.25 2.69 0.00	123.96 4.17 0.00	94.54 3.84 0.00	93.37 3.19 0.00	128.74 4.79 0.00	200.89 8.44 0.00	195.55 8.27 -4.03	201.08 7.88 0.00	223.63 9.12 0.00	280.49 14.48 0.00	159.76 8.81 0.00	117.37 6.74 0.00	53.92 3.72 -0.10	61.07 4.38 -0.53	61.98 4.83 0.00	84.78 6.59 -8.40	140.54 10.14 -19.21	148.59 9.29 -29.53	104.41 5.02 -25.23	74.29 4.12 -2.62	79.83 3.36 -2.66
V_F_30_NSYNC__DSASP 323816	74.10 4.35 0.00	62.29 3.74 0.00	64.19 3.71 0.00	92.96 5.41 0.00	127.31 7.51 0.00	96.49 5.80 0.00	95.96 5.79 0.00	131.33 7.37 0.00	204.31 11.86 0.00	195.99 12.73 0.00	206.40 13.20 0.00	229.28 14.77 0.00	283.44 17.43 0.00	160.54 9.59 0.00	118.00 7.37 0.00	53.77 3.47 -0.21	59.93 3.77 0.00	61.14 4.00 0.00	74.54 4.75 0.00	118.44 7.25 0.00	116.69 6.91 0.00	114.32 4.84 -35.31	71.98 4.42 0.00	78.34 4.54 0.00

V_F_30_SYNC_DSASP 323786	72.63 2.88 0.00	61.13 2.58 0.00	62.99 2.50 0.00	91.21 3.66 0.00	124.81 5.02 0.00	94.25 3.55 0.00	93.36 3.18 0.00	127.58 3.62 0.00	198.56 6.11 0.00	190.40 7.14 0.00	200.58 7.38 0.00	222.99 8.47 0.00	275.66 9.66 0.00	156.28 5.33 0.00	114.87 4.24 0.00	52.35 2.05 -0.20	58.30 2.14 0.00	59.26 2.12 0.00	72.40 2.61 0.00	115.23 4.05 0.00	113.62 3.84 0.00	99.45 2.59 -22.70	69.93 2.37 0.00	76.61 2.81 0.00
V_XM_10_SYNC_DSASP 323789	72.36 2.60 0.00	60.66 2.11 0.00	62.67 2.18 0.00	90.71 3.16 0.00	123.75 3.96 0.00	93.53 2.84 0.00	92.91 2.73 0.00	126.70 2.74 0.00	195.28 2.83 0.00	184.68 1.43 0.00	192.40 -0.80 0.00	213.24 -1.28 0.00	266.43 0.42 0.00	152.05 1.10 0.00	111.11 0.48 0.00	49.48 -0.61 0.00	55.49 -0.66 0.00	56.20 -0.94 0.00	68.54 -1.25 0.00	109.73 -1.46 0.00	108.62 -1.16 0.00	73.65 -0.51 0.00	67.44 -0.12 0.00	74.51 0.70 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	72.34 2.59 0.00	60.75 2.21 0.00	62.43 1.95 0.00	90.50 2.94 0.00	124.06 4.27 0.00	94.23 3.54 0.00	93.99 3.82 0.00	129.11 5.15 0.00	201.11 8.66 0.00	193.75 10.50 0.00	203.49 10.29 0.00	226.50 11.98 0.00	279.56 13.56 0.00	157.99 7.04 0.00	116.19 5.56 0.00	53.06 2.81 -0.16	59.04 2.89 0.00	60.25 3.11 0.00	73.64 3.85 0.00	116.81 5.63 0.00	115.09 5.31 0.00	80.58 3.21 -3.20	70.37 2.81 0.00	76.48 2.67 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	72.84 3.09 0.00	61.14 2.59 0.00	62.81 2.32 0.00	90.96 3.41 0.00	124.71 4.92 0.00	94.79 4.10 0.00	94.71 4.53 0.00	130.29 6.34 0.00	203.19 10.74 0.00	195.69 12.44 0.00	205.35 12.15 0.00	228.48 13.97 0.00	281.71 15.71 0.00	159.07 8.12 0.00	117.10 6.46 0.00	53.49 3.24 -0.17	59.48 3.32 0.00	60.73 3.59 0.00	74.14 4.35 0.00	117.51 6.33 0.00	115.85 6.07 0.00	81.22 3.72 -3.34	70.84 3.28 0.00	76.96 3.15 0.00
W50THST__13_KV_LOAD 356117	73.37 3.61 0.00	61.55 3.00 0.00	63.21 2.73 0.00	91.57 4.01 0.00	125.54 5.74 0.00	95.49 4.80 0.00	95.51 5.33 0.00	131.57 7.61 0.00	205.41 12.96 0.00	197.74 14.49 0.00	207.35 14.15 0.00	230.69 16.18 0.00	284.44 18.44 0.00	160.47 9.52 0.00	118.12 7.49 0.00	53.92 3.66 -0.17	59.97 3.81 0.00	61.23 4.09 0.00	74.72 4.94 0.00	118.38 7.20 0.00	116.66 6.89 0.00	81.80 4.30 -3.34	71.34 3.78 0.00	77.47 3.66 0.00
WADING RIVER_IC_1 23522	90.79 6.07 -14.96	71.22 5.20 -7.47	68.21 4.91 -2.81	103.91 7.21 -9.14	137.33 10.09 -7.44	130.25 7.92 -31.64	128.29 8.53 -29.58	146.56 11.49 -11.11	209.59 17.11 -0.03	259.69 18.63 -57.80	235.17 17.38 -24.59	234.69 20.10 -0.09	289.68 23.67 -0.01	177.69 13.17 -13.57	264.56 10.87 -143.07	298.76 5.61 -243.05	255.59 5.48 -193.96	254.23 5.14 -191.95	269.20 6.43 -192.98	264.10 9.17 -143.75	214.97 9.10 -96.09	86.56 6.20 -6.19	72.73 5.18 0.00	79.35 5.54 0.00
WADING RIVER_IC_2 23547	90.79 6.07 -14.96	71.22 5.20 -7.47	68.21 4.91 -2.81	103.91 7.21 -9.14	137.33 10.09 -7.44	130.25 7.92 -31.64	128.29 8.53 -29.58	146.56 11.49 -11.11	209.59 17.11 -0.03	259.69 18.63 -57.80	235.17 17.38 -24.59	234.69 20.10 -0.09	289.68 23.67 -0.01	177.69 13.17 -13.57	264.56 10.87 -143.07	298.76 5.61 -243.05	255.59 5.48 -193.96	254.23 5.14 -191.95	269.20 6.43 -192.98	264.10 9.17 -143.75	214.97 9.10 -96.09	86.56 6.20 -6.19	72.73 5.18 0.00	79.35 5.54 0.00
WADING RIVER_IC_3 23601	90.79 6.07 -14.96	71.22 5.20 -7.47	68.21 4.91 -2.81	103.91 7.21 -9.14	137.33 10.09 -7.44	130.25 7.92 -31.64	128.29 8.53 -29.58	146.56 11.49 -11.11	209.59 17.11 -0.03	259.69 18.63 -57.80	235.17 17.38 -24.59	234.69 20.10 -0.09	289.68 23.67 -0.01	177.69 13.17 -13.57	264.56 10.87 -143.07	298.76 5.61 -243.05	255.59 5.48 -193.96	254.23 5.14 -191.95	269.20 6.43 -192.98	264.10 9.17 -143.75	214.97 9.10 -96.09	86.56 6.20 -6.19	72.73 5.18 0.00	79.35 5.54 0.00
WALDENNY_12_KV_BK2 80841	65.41 -4.34 0.00	54.89 -3.66 0.00	56.64 -3.84 0.00	81.48 -6.08 0.00	111.36 -8.44 0.00	84.57 -6.13 0.00	83.38 -6.80 0.00	113.54 -10.41 0.00	178.39 -14.07 0.00	167.31 -13.26 2.69	177.86 -15.33 0.00	199.57 -14.94 0.00	247.44 -18.57 0.00	139.13 -11.82 0.00	101.32 -9.32 0.00	46.12 -3.96 0.00	51.17 -4.63 0.35	52.60 -4.53 0.00	56.92 -5.70 7.17	71.49 -12.21 27.48	65.42 -11.82 32.55	49.60 -7.72 16.84	53.24 -6.81 7.50	64.80 -7.23 1.78
WALDEN__HYDRO 24148	72.69 2.94 0.00	61.06 2.52 0.00	62.76 2.28 0.00	90.93 3.38 0.00	124.60 4.81 0.00	94.59 3.90 0.00	94.35 4.17 0.00	129.56 5.61 0.00	201.84 9.39 0.00	194.27 11.02 0.00	204.21 11.01 0.00	227.29 12.78 0.00	280.67 14.67 0.00	158.62 7.67 0.00	116.72 6.09 0.00	53.26 3.01 -0.16	59.29 3.13 0.00	60.51 3.37 0.00	73.91 4.12 0.00	117.25 6.06 0.00	115.52 5.74 0.00	80.99 3.50 -3.33	70.60 3.04 0.00	76.73 2.93 0.00
WARRENSBURG____ 23737	74.48 4.73 0.00	62.50 3.96 0.00	64.45 3.96 0.00	93.40 5.84 0.00	128.02 8.23 0.00	97.25 6.55 0.00	96.79 6.61 0.00	132.24 8.28 0.00	205.95 13.50 0.00	197.90 14.65 0.00	208.32 15.12 0.00	230.79 16.28 0.00	284.69 18.69 0.00	161.07 10.12 0.00	118.41 7.78 0.00	53.87 3.57 -0.21	60.00 3.84 0.00	61.36 4.22 0.00	74.81 5.02 0.00	118.93 7.74 0.00	117.11 7.33 0.00	116.19 5.90 -36.13	73.13 5.57 0.00	79.47 5.66 0.00
WATERSIDE____6 8 9 23538	72.85 3.10 0.00	61.16 2.61 0.00	62.80 2.32 0.00	90.95 3.40 0.00	124.67 4.87 0.00	94.86 4.17 0.00	94.87 4.70 0.00	130.61 6.66 0.00	203.89 11.44 0.00	196.55 13.30 0.00	205.96 12.76 0.00	229.19 14.68 0.00	282.29 16.29 0.00	159.46 8.51 0.00	117.34 6.71 0.00	53.28 3.34 0.14	59.56 3.40 0.00	60.81 3.67 0.00	74.29 4.46 -0.04	117.72 6.53 0.00	116.07 6.29 0.00	81.40 3.90 -3.34	70.99 3.43 0.00	77.14 3.34 0.00
WATKINRD_115KV_LN8_ILLION 55919	74.32 4.57 0.00	62.25 3.70 0.00	63.71 3.23 0.00	92.37 4.81 0.00	126.47 6.67 0.00	96.20 5.51 0.00	95.34 5.16 0.00	129.40 5.45 0.00	202.25 9.80 0.00	195.85 12.60 0.00	205.62 12.42 0.00	229.22 14.71 0.00	284.21 18.20 0.00	160.79 9.84 0.00	119.16 8.53 0.00	54.14 4.05 0.00	60.55 4.39 0.00	61.87 4.73 0.00	75.44 5.65 0.00	119.39 8.20 0.00	116.71 6.93 0.00	78.90 4.73 0.00	71.59 4.03 0.00	77.51 3.70 0.00
WATSON__69_KV_BK 1 55734	90.92 6.22 -14.94	71.25 5.23 -7.47	68.29 4.99 -2.81	104.11 7.41 -9.14	137.61 10.37 -7.44	130.55 8.22 -31.64	128.74 8.98 -29.58	142.21 12.19 -6.07	210.78 18.32 -0.01	231.66 19.99 -28.42	224.62 19.33 -12.09	236.69 22.14 -0.04	292.11 26.11 0.00	171.76 14.14 -6.67	192.03 11.06 -70.34	199.06 5.58 -143.38	212.85 6.09 -150.61	192.59 6.22 -129.23	172.55 7.51 -95.26	193.03 11.07 -70.77	175.98 10.81 -55.39	87.56 7.21 -6.19	73.40 5.84 0.00	79.96 6.15 0.00
WDELAWARE__HYD 323627	71.53 1.77 0.00	60.08 1.54 0.00	61.78 1.30 0.00	89.49 1.93 0.00	122.71 2.91 0.00	93.15 2.45 0.00	93.02 2.84 0.00	127.76 3.81 0.00	199.13 6.68 0.00	191.61 8.36 0.00	201.52 8.32 0.00	224.23 9.72 0.00	276.95 10.95 0.00	156.51 5.55 0.00	115.09 4.45 0.00	52.47 2.22 -0.15	58.46 2.30 0.00	59.66 2.52 0.00	72.86 3.07 0.00	115.59 4.41 0.00	113.85 4.07 0.00	79.98 2.30 -3.51	69.44 1.88 0.00	75.42 1.61 0.00

WEST BABYLON___IC 23714	90.36 5.67 -14.93	70.78 4.76 -7.47	67.81 4.52 -2.81	103.41 6.71 -9.14	136.66 9.42 -7.44	129.88 7.55 -31.64	127.96 8.20 -29.58	137.22 11.14 -2.12	209.26 16.81 0.00	207.23 18.54 -5.44	213.30 17.79 -2.31	234.94 20.42 -0.01	289.91 23.91 0.00	165.16 12.93 -1.28	134.33 10.24 -13.46	120.70 5.18 -65.42	178.40 5.60 -116.65	143.06 5.75 -80.17	95.55 6.94 -18.82	135.12 10.26 -13.68	143.30 9.96 -23.56	86.94 6.59 -6.19	72.97 5.41 0.00	79.47 5.66 0.00
WEST CANADA___HYD 24049	70.33 0.58 0.00	59.07 0.52 0.00	60.93 0.44 0.00	88.17 0.62 0.00	120.64 0.84 0.00	91.33 0.64 0.00	90.82 0.64 0.00	124.71 0.76 0.00	193.82 1.37 0.00	185.01 1.75 0.00	194.98 1.78 0.00	216.66 2.15 0.00	268.39 2.39 0.00	152.32 1.37 0.00	111.86 1.23 0.00	50.72 0.62 0.00	56.79 0.63 0.00	57.80 0.66 0.00	70.59 0.80 0.00	112.31 1.13 0.00	110.76 0.98 0.00	74.77 0.60 0.00	68.08 0.52 0.00	74.29 0.48 0.00
WESTERN_NY_WIND 24143	66.73 -3.02 0.00	56.04 -2.51 0.00	57.80 -2.68 0.00	83.14 -4.41 0.00	113.72 -6.08 0.00	86.56 -4.13 0.00	85.45 -4.72 0.00	116.53 -7.42 0.00	183.04 -9.41 0.00	172.50 -8.79 1.97	182.55 -10.65 0.00	204.49 -10.02 0.00	253.31 -12.69 0.00	142.83 -8.12 0.00	103.88 -6.75 0.00	47.39 -2.70 0.00	52.77 -3.13 0.26	54.24 -2.89 0.00	61.40 -3.71 4.68	85.75 -8.91 16.52	79.92 -8.80 21.06	56.60 -5.69 11.87	58.00 -5.00 4.56	67.15 -5.36 1.30
WESTOVER___LESR 323668	68.99 -0.76 0.00	57.84 -0.71 0.00	59.67 -0.81 0.00	86.27 -1.28 0.00	117.91 -1.89 0.00	89.44 -1.26 0.00	88.79 -1.39 0.00	121.76 -2.20 0.00	189.97 -2.48 0.00	179.81 -1.90 1.54	191.25 -1.95 0.00	213.11 -1.40 0.00	264.10 -1.90 0.00	149.02 -1.93 0.00	109.34 -1.29 0.00	49.64 -0.48 -0.04	55.25 -0.70 0.20	56.52 -0.62 0.00	66.18 -0.77 2.84	105.35 -1.87 3.96	98.27 -2.12 9.39	65.70 -1.59 6.87	66.43 -1.47 -0.34	70.90 -1.89 1.02
WETHRSFD_WT_PWR 323626	64.75 -5.00 0.00	54.33 -4.22 0.00	55.92 -4.57 0.00	80.50 -7.06 0.00	109.96 -9.83 0.00	83.31 -7.39 0.00	82.42 -7.76 0.00	112.27 -11.68 0.00	176.24 -16.21 0.00	163.94 -15.54 3.78	175.62 -17.58 0.00	195.88 -18.63 0.00	242.62 -23.38 0.00	136.00 -14.95 0.00	99.35 -11.28 0.00	45.17 -4.91 0.01	49.92 -5.74 0.50	51.63 -5.50 0.01	49.45 -6.72 13.61	27.34 -12.89 70.95	26.88 -12.77 70.12	39.33 -8.58 26.25	36.59 -7.83 23.14	62.62 -8.68 2.50
WHAVSTOR_138KV_BK127 55557	72.02 2.27 0.00	60.51 1.97 0.00	62.16 1.68 0.00	90.08 2.52 0.00	123.51 3.72 0.00	93.83 3.13 0.00	93.55 3.37 0.00	128.49 4.53 0.00	200.12 7.67 0.00	192.76 9.50 0.00	202.49 9.29 0.00	225.35 10.84 0.00	278.07 12.07 0.00	157.16 6.21 0.00	115.64 5.01 0.00	52.80 2.55 -0.16	58.75 2.59 0.00	59.96 2.82 0.00	73.25 3.47 0.00	116.22 5.04 0.00	114.54 4.77 0.00	80.21 2.84 -3.21	70.04 2.49 0.00	76.15 2.34 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	72.02 2.27 0.00	60.51 1.97 0.00	62.16 1.68 0.00	90.08 2.52 0.00	123.51 3.72 0.00	93.83 3.13 0.00	93.55 3.37 0.00	128.49 4.53 0.00	200.12 7.67 0.00	192.76 9.50 0.00	202.49 9.29 0.00	225.35 10.84 0.00	278.07 12.07 0.00	157.16 6.21 0.00	115.64 5.01 0.00	52.80 2.55 -0.16	58.75 2.59 0.00	59.96 2.82 0.00	73.25 3.47 0.00	116.22 5.04 0.00	114.54 4.77 0.00	80.21 2.84 -3.21	70.04 2.49 0.00	76.15 2.34 0.00
WHITEHAL_115KV_TB1 80871	76.99 7.23 0.00	64.24 5.69 0.00	66.26 5.77 0.00	96.14 8.58 0.00	131.90 12.11 0.00	100.82 10.12 0.00	100.46 10.28 0.00	135.84 11.89 0.00	211.64 19.19 0.00	204.72 21.47 0.00	215.10 21.90 0.00	237.62 23.10 0.00	289.88 23.88 0.00	163.23 12.27 0.00	120.42 9.79 0.00	54.57 4.27 -0.21	60.60 4.45 0.00	62.47 5.33 0.00	76.03 6.24 0.00	121.22 10.04 0.00	119.71 9.93 0.00	116.68 6.73 -35.79	73.89 6.33 0.00	79.69 5.88 0.00
WHITEPLN_13_KV_LOAD 356215	73.59 3.84 0.00	61.77 3.23 0.00	63.46 2.97 0.00	91.92 4.36 0.00	126.00 6.21 0.00	95.81 5.11 0.00	95.69 5.52 0.00	131.55 7.60 0.00	205.19 12.74 0.00	197.64 14.39 0.00	207.58 14.38 0.00	231.11 16.60 0.00	285.19 19.19 0.00	161.02 10.07 0.00	118.47 7.84 0.00	54.11 3.86 -0.17	60.21 4.06 0.00	61.48 4.34 0.00	75.06 5.27 0.00	118.93 7.75 0.00	117.15 7.37 0.00	82.08 4.58 -3.33	71.56 4.00 0.00	77.71 3.90 0.00
WM_FLOYD_69_KV_BK2 356380	90.75 6.04 -14.96	71.16 5.14 -7.47	68.16 4.86 -2.81	103.86 7.17 -9.14	137.29 10.05 -7.44	130.28 7.94 -31.64	128.32 8.56 -29.58	146.89 11.58 -11.36	209.81 17.33 -0.03	261.48 18.97 -59.26	236.22 17.81 -25.21	235.12 20.52 -0.09	290.32 24.32 -0.01	178.26 13.39 -13.91	268.35 11.04 -146.68	303.84 5.73 -248.01	258.16 5.97 -196.03	258.03 5.82 -195.07	274.77 7.14 -197.84	268.89 10.32 -147.38	217.88 9.99 -98.12	87.05 6.70 -6.19	73.00 5.44 0.00	79.46 5.65 0.00
WOODARD___115KV_TB2 355635	67.52 -2.24 0.00	56.70 -1.84 0.00	58.48 -2.01 0.00	84.47 -3.09 0.00	115.62 -4.18 0.00	87.69 -3.01 0.00	87.21 -2.97 0.00	119.76 -4.19 0.00	186.68 -5.77 0.00	178.19 -5.07 0.00	187.71 -5.49 0.00	208.98 -5.53 0.00	258.90 -7.10 0.00	146.54 -4.42 0.00	107.40 -3.24 0.00	48.79 -1.33 -0.02	54.57 -1.58 0.00	55.59 -1.55 0.00	67.87 -1.92 0.00	107.39 -3.75 0.04	105.15 -3.89 0.74	71.40 -2.76 0.00	64.95 -2.61 0.00	70.80 -3.01 0.00
YORK___WARBASSE 23770	73.20 3.44 0.00	61.42 2.87 0.00	63.09 2.60 0.00	91.31 3.76 0.00	125.12 5.33 0.00	95.22 4.53 0.00	95.23 5.05 0.00	131.03 7.07 0.00	204.70 12.25 0.00	197.34 14.09 0.00	206.28 13.08 0.00	229.85 15.34 0.00	283.10 17.10 0.00	160.06 9.11 0.00	118.02 7.39 0.00	55.93 3.70 -2.13	59.92 3.77 0.00	61.13 4.00 0.00	75.00 4.97 -0.24	118.38 7.20 0.00	116.61 6.83 0.00	81.67 4.17 -3.34	71.24 3.68 0.00	77.41 3.60 0.00