

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

07/25/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	62.58	55.98	52.34	51.83	52.36	52.22	52.18	53.80	58.97	65.56	71.46	90.82	104.79	153.15	212.62	301.29	362.39	408.27	318.42	214.44	153.74	107.27	87.77	70.16
24138	3.26	3.17	3.06	2.93	2.82	3.37	3.73	4.35	4.92	5.74	5.96	8.03	10.81	11.72	12.59	12.59	14.26	16.51	17.51	16.66	12.50	9.70	6.35	4.90
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	0.00	-1.63	-46.18	-98.46	-187.16	-234.96	-258.60	-155.04	-54.12	-26.52	-1.56	0.00	0.00
74TH STREET_GT_1	62.70	56.04	52.44	51.88	52.41	52.27	52.18	53.80	58.92	65.50	71.39	90.73	104.70	153.18	212.72	301.60	363.13	409.26	319.02	214.64	153.98	107.36	87.85	70.23
24260	3.38	3.22	3.15	2.98	2.87	3.42	3.73	4.35	4.86	5.68	5.89	7.95	10.71	11.62	12.59	12.59	14.26	16.65	17.65	16.81	12.73	9.79	6.43	4.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	0.00	-1.63	-46.30	-98.56	-187.47	-235.71	-259.46	-155.49	-54.18	-26.52	-1.56	0.00	0.00
74TH STREET_GT_2	62.70	56.04	52.44	51.88	52.41	52.27	52.18	53.80	58.92	65.50	71.39	90.73	104.70	153.18	212.72	301.60	363.13	409.26	319.02	214.64	153.98	107.36	87.85	70.23
24261	3.38	3.22	3.15	2.98	2.87	3.42	3.73	4.35	4.86	5.68	5.89	7.95	10.71	11.62	12.59	12.59	14.26	16.65	17.65	16.81	12.73	9.79	6.43	4.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	0.00	-1.63	-46.30	-98.56	-187.47	-235.71	-259.46	-155.49	-54.18	-26.52	-1.56	0.00	0.00
ADK HUDSON___FALLS	62.94	56.09	52.29	51.78	52.46	52.07	51.69	52.81	57.62	64.07	69.76	88.17	105.30	134.77	148.66	239.96	192.40	193.44	386.85	377.22	276.01	125.99	87.53	69.97
24011	3.62	3.27	3.01	2.88	2.92	3.22	3.25	3.36	3.57	4.01	4.26	5.38	6.19	6.19	6.70	7.01	7.70	9.19	11.09	11.35	9.29	7.49	6.11	4.70
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.27	0.00	0.00	-6.76	-33.32	-40.39	-131.42	-71.55	-51.09	-229.88	-222.21	-152.00	-22.50	0.00	0.00
ADK RESOURCE___RCVRY	63.29	56.35	52.54	52.03	52.66	52.27	51.94	53.11	57.89	64.42	70.01	88.66	105.60	134.69	148.70	240.14	192.68	193.80	386.19	376.09	274.66	125.76	88.10	70.36
23798	3.97	3.54	3.25	3.13	3.12	3.42	3.49	3.66	3.84	4.36	4.52	5.88	6.65	6.48	7.11	7.41	8.15	9.72	11.81	12.20	9.98	8.07	6.68	5.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.26	0.00	0.00	-6.59	-32.95	-40.04	-131.19	-71.37	-50.93	-228.50	-220.24	-149.96	-21.69	0.00	0.00
ADK S GLENS___FALLS	62.94	56.09	52.29	51.78	52.46	52.07	51.69	52.81	57.62	64.07	69.76	88.17	105.30	134.77	148.66	239.96	192.40	193.44	386.85	377.22	276.01	125.99	87.53	69.97
24028	3.62	3.27	3.01	2.88	2.92	3.22	3.25	3.36	3.57	4.01	4.26	5.38	6.19	6.19	6.70	7.01	7.70	9.19	11.09	11.35	9.29	7.49	6.11	4.70
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.27	0.00	0.00	-6.76	-33.32	-40.39	-131.42	-71.55	-51.09	-229.88	-222.21	-152.00	-22.50	0.00	0.00
ADK_NYS___DAM	62.34	55.66	51.94	51.53	52.16	51.83	51.55	52.71	57.57	64.20	69.82	88.09	109.20	142.41	155.71	229.19	186.54	190.17	383.86	386.50	295.39	138.67	86.30	69.38
23527	3.02	2.85	2.66	2.64	2.62	2.98	3.10	3.26	3.51	4.01	4.32	5.30	6.83	7.43	8.13	8.22	9.28	10.92	11.81	11.06	8.61	7.10	4.88	4.11
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.40	0.00	0.00	-10.01	-39.72	-46.02	-119.43	-64.09	-46.09	-226.17	-231.79	-172.06	-35.55	0.00	0.00
AIR_PRODUCTS___DRP	59.62	53.29	49.83	49.53	50.08	49.78	49.41	50.44	55.08	60.39	66.87	84.11	78.85	79.01	89.65	100.99	103.59	118.48	155.05	134.42	105.87	83.45	82.80	66.51
24190	0.30	0.48	0.54	0.64	0.54	0.93	0.97	0.99	1.03	1.08	1.38	1.32	2.40	2.67	3.05	3.05	3.39	3.99	4.23	3.59	2.64	2.11	1.38	1.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.48	0.00	0.00	15.90	18.91	14.96	3.59	12.97	18.68	-4.95	12.83	11.49	14.67	0.00	0.00
AKWESSNE_115KV_BK	59.32	52.76	49.29	48.94	49.63	48.41	47.96	48.91	53.30	59.02	64.52	81.54	90.14	92.40	98.16	98.25	110.50	131.35	140.92	143.72	113.34	93.22	80.69	64.68
355683	0.00	-0.05	0.00	0.05	0.10	-0.44	-0.48	-0.54	-0.76	-0.78	-0.98	-1.24	-2.22	-2.86	-3.66	-3.55	-3.96	-4.93	-4.96	-4.31	-3.10	-2.78	-0.73	-0.59
	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	-0.25	-0.27	-1.30	-3.11	0.00	-4.38	-1.72	0.00	0.00	0.00
ALBANY_1_SOLAR	59.91	53.50	49.97	49.67	50.28	49.88	49.46	50.29	54.60	59.92	66.00	83.27	78.42	79.33	89.35	92.04	99.08	115.62	145.78	134.42	112.51	89.07	82.89	66.50
323833	0.59	0.68	0.69	0.78	0.74	1.03	1.02	0.84	0.54	0.60	0.52	0.50	1.39	1.81	2.14	2.23	2.60	3.19	3.65	3.44	2.75	2.40	1.47	1.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.48	0.02	0.02	15.32	17.73	14.35	11.73	16.69	20.73	3.75	12.68	4.96	9.34	0.00	0.00
ALBANY_2_SOLAR	59.91	53.50	49.97	49.63	50.28	49.88	49.46	50.29	54.60	59.92	66.00	83.18	78.45	79.31	89.41	92.14	99.14	115.68	145.74	134.54	112.57	88.98	82.89	66.50
323834	0.59	0.68	0.69	0.73	0.74	1.03	1.02	0.84	0.54	0.60	0.52	0.42	1.39	1.72	2.14	2.23	2.60	3.19	3.50	3.44	2.75	2.30	1.47	1.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.48	0.02	0.02	15.30	17.67	14.29	11.63	16.63	20.68	3.63	12.56	4.90	9.33	0.00	0.00
ALBANY___1	59.62	53.29	49.83	49.53	50.08	49.78	49.41	50.44	55.08	60.39	66.87	84.11	78.85	79.01	89.65	100.99	103.59	118.48	155.05	134.42	105.87	83.45	82.80	66.51
23571	0.30	0.48	0.54	0.64	0.54	0.93	0.97	0.99	1.03	1.08	1.38	1.32	2.40	2.67	3.05	3.05	3.39	3.99	4.23	3.59	2.64	2.11	1.38	1.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.48	0.00	0.00	15.90	18.91	14.96	3.59	12.97	18.68	-4.95	12.83	11.49	14.67	0.00	0.00

ALBANY___2 23572	59.62 0.30 0.00	53.29 0.48 0.00	49.83 0.54 0.00	49.53 0.64 0.00	50.08 0.54 0.00	49.78 0.93 0.00	49.41 0.97 0.00	50.44 0.99 0.00	55.08 1.03 0.00	60.39 1.08 0.48	66.87 1.38 0.00	84.11 1.32 0.00	78.85 2.40 15.90	79.01 2.67 18.91	89.65 3.05 14.96	100.99 3.05 3.59	103.59 3.39 12.97	118.48 3.99 18.68	155.05 4.23 -4.95	134.42 3.59 12.83	105.87 2.64 11.49	83.45 2.11 14.67	82.80 1.38 0.00	66.51 1.24 0.00
ALBANY___3 23573	59.62 0.30 0.00	53.29 0.48 0.00	49.83 0.54 0.00	49.53 0.64 0.00	50.08 0.54 0.00	49.78 0.93 0.00	49.41 0.97 0.00	50.44 0.99 0.00	55.08 1.03 0.00	60.39 1.08 0.48	66.87 1.38 0.00	84.11 1.32 0.00	78.85 2.40 15.90	79.01 2.67 18.91	89.65 3.05 14.96	100.99 3.05 3.59	103.59 3.39 12.97	118.48 3.99 18.68	155.05 4.23 -4.95	134.42 3.59 12.83	105.87 2.64 11.49	83.45 2.11 14.67	82.80 1.38 0.00	66.51 1.24 0.00
ALBANY___4 23574	59.62 0.30 0.00	53.29 0.48 0.00	49.83 0.54 0.00	49.53 0.64 0.00	50.08 0.54 0.00	49.78 0.93 0.00	49.41 0.97 0.00	50.44 0.99 0.00	55.08 1.03 0.00	60.39 1.08 0.48	66.87 1.38 0.00	84.11 1.32 0.00	78.85 2.40 15.90	79.01 2.67 18.91	89.65 3.05 14.96	100.99 3.05 3.59	103.59 3.39 12.97	118.48 3.99 18.68	155.05 4.23 -4.95	134.42 3.59 12.83	105.87 2.64 11.49	83.45 2.11 14.67	82.80 1.38 0.00	66.51 1.24 0.00
ALBANY___LFGE 323615	60.39 1.07 0.00	53.98 1.16 0.00	50.37 1.08 0.00	50.02 1.13 0.00	50.62 1.09 0.00	50.27 1.42 0.00	50.00 1.55 0.00	51.08 1.63 0.00	55.73 1.68 0.00	61.81 1.91 -0.10	67.73 2.23 0.00	85.27 2.48 0.00	97.41 3.60 -1.46	119.92 3.91 -20.76	132.20 4.36 -26.28	186.77 4.36 -80.87	158.62 4.86 -40.60	165.29 5.59 -26.54	252.12 5.98 -100.26	224.66 5.46 -75.55	146.48 4.12 -27.64	86.23 3.36 13.13	83.78 2.36 0.00	67.29 2.03 0.00
ALCOA_PA_115KV_PL-6C 55860	59.62 0.30 0.00	53.03 0.21 0.00	49.48 0.20 0.00	49.19 0.29 0.00	49.88 0.35 0.00	48.56 -0.29 0.00	48.11 -0.34 0.00	49.01 -0.45 0.00	53.41 -0.65 0.00	59.14 -0.66 0.00	64.58 -0.92 0.00	81.54 -1.24 0.00	90.04 -2.31 0.00	92.21 -3.05 0.00	97.30 -4.67 -0.41	97.51 -4.47 -0.44	110.22 -5.09 -2.15	132.19 -6.13 -5.15	139.60 -6.27 0.00	145.44 -5.46 -7.24	113.55 -4.02 -2.84	92.55 -3.46 0.00	80.85 -0.57 0.00	64.81 -0.46 0.00
ALCOA_RYNLDS___DRP 24188	59.62 0.30 0.00	53.03 0.21 0.00	49.48 0.20 0.00	49.19 0.29 0.00	49.88 0.35 0.00	48.56 -0.29 0.00	48.11 -0.34 0.00	49.01 -0.45 0.00	53.41 -0.65 0.00	59.14 -0.66 0.00	64.58 -0.92 0.00	81.54 -1.24 0.00	90.04 -2.31 0.00	92.21 -3.05 0.00	97.30 -4.67 -0.41	97.51 -4.47 -0.44	110.22 -5.09 -2.15	132.19 -6.13 -5.15	139.60 -6.27 0.00	145.44 -5.46 -7.24	113.55 -4.02 -2.84	92.55 -3.46 0.00	80.85 -0.57 0.00	64.81 -0.46 0.00
ALCOA___DSASP 323711	59.62 0.30 0.00	53.03 0.21 0.00	49.48 0.20 0.00	49.19 0.30 0.00	49.88 0.35 0.00	48.56 -0.29 0.00	48.11 -0.34 0.00	49.05 -0.40 0.00	53.41 -0.65 0.00	59.08 -0.71 0.00	64.58 -0.92 0.00	81.55 -1.24 0.00	90.05 -2.31 0.00	92.21 -3.05 0.00	97.31 -4.67 -0.41	97.51 -4.47 -0.44	110.23 -5.09 -2.15	132.06 -6.26 -5.15	139.61 -6.27 0.00	145.44 -5.46 -7.24	113.54 -4.02 -2.84	92.65 -3.36 0.00	80.85 -0.57 0.00	64.81 -0.45 0.00
ALLEGHENY___COGEN 23514	59.91 0.59 0.00	52.76 -0.05 0.00	48.74 -0.54 0.00	47.67 -1.22 0.00	48.25 -1.29 0.00	48.21 -0.64 0.00	47.62 -0.82 0.00	47.87 -1.58 0.00	52.00 -2.05 0.00	56.51 -3.29 0.00	61.77 -3.73 0.00	77.41 -5.38 0.00	80.41 -11.91 0.03	83.58 -12.00 -0.33	93.29 -11.17 -2.90	95.33 -10.86 -4.66	104.58 -11.32 -2.73	124.34 -10.78 -1.96	143.71 -10.06 -7.89	142.12 -7.48 -5.94	114.43 -4.71 -4.41	92.17 -4.13 -0.29	76.86 -4.56 0.00	65.53 0.26 0.00
ALTAMONT_115KV_TB 2 55880	60.27 0.95 0.00	53.77 0.95 0.00	50.27 0.99 0.00	49.92 1.03 0.00	50.57 1.04 0.00	50.17 1.32 0.00	49.80 1.36 0.00	50.79 1.34 0.00	55.46 1.41 0.00	61.15 1.61 0.26	67.27 1.77 0.00	84.94 2.15 0.00	86.88 3.14 8.61	96.42 3.43 2.27	107.03 3.76 -1.71	123.64 3.66 -18.45	119.40 4.19 -2.05	133.10 4.93 4.99	190.29 5.25 -39.16	174.84 4.88 -26.31	135.75 3.79 -17.24	93.76 3.17 5.42	83.46 2.04 0.00	66.96 1.70 0.00
ALTONA_WT_PWR 323606	58.19 -1.13 0.00	51.97 -0.85 0.00	48.60 -0.69 0.00	48.31 -0.58 0.00	49.09 -0.45 0.00	47.92 -0.93 0.00	47.57 -0.87 0.00	48.61 -0.84 0.00	53.08 -0.97 0.00	58.48 -1.32 0.00	64.12 -1.38 0.00	81.13 -1.66 0.00	89.67 -2.68 0.00	91.83 -3.43 0.00	97.39 -4.17 0.00	97.78 -3.75 0.00	108.98 -4.18 0.00	127.97 -5.20 0.00	140.92 -4.96 0.00	139.63 -4.02 0.00	111.86 -2.86 0.00	93.22 -2.79 0.00	80.45 -0.97 0.00	64.55 -0.72 0.00
AMERICAN_REF_FUEL 24010	56.95 -2.37 0.00	50.07 -2.75 0.00	46.23 -3.06 0.00	45.08 -3.81 0.00	45.03 -4.51 0.00	45.63 -3.23 0.00	44.28 -4.17 0.00	44.51 -4.94 0.00	49.46 -4.59 0.00	53.94 -5.86 0.00	59.34 -6.16 0.00	74.34 -8.45 0.00	81.44 -10.90 0.02	85.13 -11.05 -0.92	93.51 -10.25 -2.20	95.39 -10.25 -4.10	104.60 -10.98 -2.41	123.17 -11.72 -1.73	138.27 -14.59 -6.97	134.40 -14.50 -5.25	108.07 -10.55 -3.90	87.23 -9.03 -0.25	73.60 -7.82 0.00	60.51 -4.76 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	58.13 -1.19 0.00	51.12 -1.69 0.00	47.12 -2.17 0.00	45.96 -2.93 0.00	46.41 -3.12 0.00	46.70 -2.15 0.00	46.07 -2.37 0.00	46.53 -2.92 0.00	51.79 -2.27 0.00	56.87 -2.93 0.00	62.55 -2.95 0.00	78.48 -4.31 0.00	86.61 -5.73 0.02	90.41 -5.71 -0.87	98.88 -5.29 -2.61	102.00 -4.26 -4.72	111.87 -4.07 -2.78	131.42 -3.73 -1.99	148.64 -5.25 -8.01	145.08 -4.60 -6.03	116.44 -2.75 -4.48	93.32 -2.98 -0.29	78.41 -3.01 0.00	64.42 -0.85 0.00
ARTHUR KILL_GT_1 23520	54.64 2.67 7.34	53.42 2.75 2.14	52.34 3.06 0.00	51.88 2.98 0.00	52.21 2.67 0.00	52.12 3.27 0.00	51.98 3.54 0.00	52.90 3.61 0.16	53.03 3.89 4.92	55.38 4.37 8.78	60.21 4.52 9.80	77.84 6.29 11.23	93.51 9.05 7.90	129.22 9.53 -24.44	163.76 10.16 -52.05	177.05 10.15 -65.36	211.30 11.54 -86.60	240.44 13.45 -93.83	233.68 14.44 -73.36	208.05 13.65 -50.74	143.17 10.32 -18.12	95.40 7.97 8.58	82.02 5.21 4.61	64.32 3.85 4.79
ARTHUR_KILL_2 23512	54.23 2.25 7.34	53.26 2.59 2.14	52.20 2.91 -0.01	51.59 2.69 -0.01	52.07 2.52 -0.01	51.68 2.83 0.00	51.64 3.20 0.00	53.09 3.81 0.16	52.81 3.68 4.92	55.19 4.18 8.79	59.94 4.25 9.81	77.42 5.88 11.24	93.05 8.59 7.90	128.74 9.05 -24.43	163.14 9.54 -52.04	176.54 9.65 -65.35	210.60 10.86 -86.58	239.76 12.78 -93.81	232.92 13.71 -73.34	207.16 12.78 -50.72	142.57 9.75 -18.11	94.81 7.39 8.59	81.61 4.80 4.61	63.99 3.52 4.80
ARTHUR_KILL_3 23513	54.40 2.43 7.35	53.20 2.54 2.15	51.80 2.51 0.00	51.29 2.40 0.00	51.81 2.28 0.00	51.63 2.78 0.00	51.64 3.20 0.00	53.20 3.91 0.16	53.20 4.06 4.91	55.80 4.79 8.78	60.54 4.85 9.80	78.09 6.54 11.23	93.70 9.23 7.89	129.71 10.09 -24.36	164.30 10.76 -51.98	177.62 10.87 -65.21	211.62 12.23 -86.23	240.83 14.26 -93.41	234.18 15.17 -73.13	208.70 14.36 -50.68	143.60 10.78 -18.10	95.67 8.26 8.60	82.01 5.22 4.62	64.37 3.92 4.81

ARTHUR_KILL_COGEN 323718	54.47 2.49 7.34	53.47 2.80 2.14	52.40 3.11 -0.01	51.79 2.88 -0.01	52.26 2.72 -0.01	51.88 3.03 0.00	51.84 3.39 0.00	53.29 4.00 0.16	53.03 3.89 4.92	55.43 4.42 8.79	60.20 4.52 9.81	77.75 6.21 11.24	93.51 9.06 7.90	129.21 9.52 -24.43	163.75 10.16 -52.04	177.04 10.15 -65.35	211.29 11.55 -86.58	240.42 13.44 -93.81	233.66 14.45 -73.34	208.03 13.65 -50.72	143.27 10.44 -18.11	95.38 7.96 8.59	82.02 5.22 4.61	64.32 3.85 4.80
ASHOKAN____ 23654	61.93 2.61 0.00	55.14 2.32 0.00	51.45 2.17 0.00	50.85 1.96 0.00	51.57 2.03 0.00	51.10 2.25 0.00	50.82 2.37 0.00	52.02 2.57 0.00	56.38 2.32 0.00	63.74 4.31 0.36	68.89 3.40 0.02	87.57 4.80 0.02	89.57 8.49 11.28	96.42 9.72 8.55	106.17 10.66 6.05	110.54 11.07 2.07	121.63 12.90 4.43	141.40 15.57 7.34	171.25 17.21 -8.17	158.46 16.80 1.99	129.31 12.96 -1.63	100.20 10.47 6.27	86.64 5.22 0.00	69.25 3.98 0.00
ASTORIA_EAST_ENERGY_CC1 323581	62.18 2.85 -0.01	55.94 3.12 -0.01	52.35 3.06 -0.01	51.79 2.88 -0.01	52.31 2.77 -0.01	51.93 3.08 0.00	51.89 3.44 0.00	53.55 4.10 0.00	58.05 4.00 0.00	64.24 4.42 -0.02	70.14 4.65 0.01	88.99 6.21 0.01	103.32 9.06 -1.91	152.32 9.72 -47.35	212.97 10.87 -100.53	300.17 10.97 -187.66	362.71 12.45 -237.10	413.13 14.52 -265.45	320.95 15.17 -159.90	215.39 14.66 -57.08	153.43 11.12 -27.58	105.84 8.26 -1.57	86.80 5.37 -0.01	69.26 3.98 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	62.18 2.85 -0.01	55.94 3.12 -0.01	52.35 3.06 -0.01	51.79 2.88 -0.01	52.31 2.77 -0.01	51.93 3.08 0.00	51.89 3.44 0.00	53.55 4.10 0.00	58.05 4.00 0.00	64.24 4.42 -0.02	70.14 4.65 0.01	88.99 6.21 0.01	103.32 9.06 -1.91	152.32 9.72 -47.35	212.97 10.87 -100.53	300.17 10.97 -187.66	362.71 12.45 -237.10	413.13 14.52 -265.45	320.95 15.17 -159.90	215.39 14.66 -57.08	153.43 11.12 -27.58	105.84 8.26 -1.57	86.80 5.37 -0.01	69.26 3.98 -0.01
ASTORIA_GT2_1 24094	62.35 3.03 -0.01	55.94 3.12 -0.01	52.29 3.01 0.00	51.68 2.79 0.00	52.31 2.77 0.00	52.03 3.18 0.00	51.93 3.49 0.00	53.36 3.91 0.00	58.16 4.11 0.00	64.25 4.42 -0.03	70.15 4.65 0.00	89.08 6.29 0.00	103.41 9.14 -1.91	152.42 9.81 -47.35	212.87 10.77 -100.54	300.17 10.97 -187.67	362.74 12.45 -237.12	413.14 14.51 -265.47	321.12 15.32 -159.93	215.55 14.80 -57.10	153.56 11.24 -27.59	105.94 8.35 -1.58	86.80 5.37 -0.01	69.27 3.98 -0.02
ASTORIA_GT2_2 24095	62.35 3.03 -0.01	55.94 3.12 -0.01	52.29 3.01 0.00	51.68 2.79 0.00	52.31 2.77 0.00	52.03 3.18 0.00	51.93 3.49 0.00	53.36 3.91 0.00	58.16 4.11 0.00	64.25 4.42 -0.03	70.15 4.65 0.00	89.08 6.29 0.00	103.41 9.14 -1.91	152.42 9.81 -47.35	212.87 10.77 -100.54	300.17 10.97 -187.67	362.74 12.45 -237.12	413.14 14.51 -265.47	321.12 15.32 -159.93	215.55 14.80 -57.10	153.56 11.24 -27.59	105.94 8.35 -1.58	86.80 5.37 -0.01	69.27 3.98 -0.02
ASTORIA_GT2_3 24096	62.35 3.03 -0.01	55.94 3.12 -0.01	52.29 3.01 0.00	51.68 2.79 0.00	52.31 2.77 0.00	52.03 3.18 0.00	51.93 3.49 0.00	53.36 3.91 0.00	58.16 4.11 0.00	64.25 4.42 -0.03	70.15 4.65 0.00	89.08 6.29 0.00	103.41 9.14 -1.91	152.42 9.81 -47.35	212.87 10.77 -100.54	300.17 10.97 -187.67	362.74 12.45 -237.12	413.14 14.51 -265.47	321.12 15.32 -159.93	215.55 14.80 -57.10	153.56 11.24 -27.59	105.94 8.35 -1.58	86.80 5.37 -0.01	69.27 3.98 -0.02
ASTORIA_GT2_4 24097	62.35 3.03 -0.01	55.94 3.12 -0.01	52.29 3.01 0.00	51.68 2.79 0.00	52.31 2.77 0.00	52.03 3.18 0.00	51.93 3.49 0.00	53.36 3.91 0.00	58.16 4.11 0.00	64.25 4.42 -0.03	70.15 4.65 0.00	89.08 6.29 0.00	103.41 9.14 -1.91	152.42 9.81 -47.35	212.87 10.77 -100.54	300.17 10.97 -187.67	362.74 12.45 -237.12	413.14 14.51 -265.47	321.12 15.32 -159.93	215.55 14.80 -57.10	153.56 11.24 -27.59	105.94 8.35 -1.58	86.80 5.37 -0.01	69.27 3.98 -0.02
ASTORIA_GT3_1 24098	62.35 3.03 -0.01	55.94 3.12 -0.01	52.29 3.01 0.00	51.68 2.79 0.00	52.31 2.77 0.00	52.03 3.18 0.00	51.93 3.49 0.00	53.36 3.91 0.00	58.16 4.11 0.00	64.25 4.42 -0.03	70.15 4.65 0.00	89.08 6.29 0.00	103.41 9.14 -1.91	152.42 9.81 -47.35	212.87 10.77 -100.54	300.17 10.97 -187.67	362.74 12.45 -237.12	413.14 14.51 -265.47	321.12 15.32 -159.93	215.55 14.80 -57.10	153.56 11.24 -27.59	105.94 8.35 -1.58	86.80 5.37 -0.01	69.27 3.98 -0.02
ASTORIA_GT3_2 24099	62.35 3.03 -0.01	55.94 3.12 -0.01	52.29 3.01 0.00	51.68 2.79 0.00	52.31 2.77 0.00	52.03 3.18 0.00	51.93 3.49 0.00	53.36 3.91 0.00	58.16 4.11 0.00	64.25 4.42 -0.03	70.15 4.65 0.00	89.08 6.29 0.00	103.41 9.14 -1.91	152.42 9.81 -47.35	212.87 10.77 -100.54	300.17 10.97 -187.67	362.74 12.45 -237.12	413.14 14.51 -265.47	321.12 15.32 -159.93	215.55 14.80 -57.10	153.56 11.24 -27.59	105.94 8.35 -1.58	86.80 5.37 -0.01	69.27 3.98 -0.02
ASTORIA_GT3_3 24100	62.35 3.03 -0.01	55.94 3.12 -0.01	52.29 3.01 0.00	51.68 2.79 0.00	52.31 2.77 0.00	52.03 3.18 0.00	51.93 3.49 0.00	53.36 3.91 0.00	58.16 4.11 0.00	64.25 4.42 -0.03	70.15 4.65 0.00	89.08 6.29 0.00	103.41 9.14 -1.91	152.42 9.81 -47.35	212.87 10.77 -100.54	300.17 10.97 -187.67	362.74 12.45 -237.12	413.14 14.51 -265.47	321.12 15.32 -159.93	215.55 14.80 -57.10	153.56 11.24 -27.59	105.94 8.35 -1.58	86.80 5.37 -0.01	69.27 3.98 -0.02
ASTORIA_GT3_4 24101	62.35 3.03 -0.01	55.94 3.12 -0.01	52.29 3.01 0.00	51.68 2.79 0.00	52.31 2.77 0.00	52.03 3.18 0.00	51.93 3.49 0.00	53.36 3.91 0.00	58.16 4.11 0.00	64.25 4.42 -0.03	70.15 4.65 0.00	89.08 6.29 0.00	103.41 9.14 -1.91	152.42 9.81 -47.35	212.87 10.77 -100.54	300.17 10.97 -187.67	362.74 12.45 -237.12	413.14 14.51 -265.47	321.12 15.32 -159.93	215.55 14.80 -57.10	153.56 11.24 -27.59	105.94 8.35 -1.58	86.80 5.37 -0.01	69.27 3.98 -0.02
ASTORIA_GT4_1 24102	62.35 3.03 -0.01	55.94 3.12 -0.01	52.29 3.01 0.00	51.68 2.79 0.00	52.31 2.77 0.00	52.03 3.18 0.00	51.93 3.49 0.00	53.36 3.91 0.00	58.16 4.11 0.00	64.25 4.42 -0.03	70.15 4.65 0.00	89.08 6.29 0.00	103.41 9.14 -1.91	152.42 9.81 -47.35	212.87 10.77 -100.54	300.17 10.97 -187.67	362.74 12.45 -237.12	413.14 14.51 -265.47	321.12 15.32 -159.93	215.55 14.80 -57.10	153.56 11.24 -27.59	105.94 8.35 -1.58	86.80 5.37 -0.01	69.27 3.98 -0.02
ASTORIA_GT4_2 24103	62.35 3.03 -0.01	55.94 3.12 -0.01	52.29 3.01 0.00	51.68 2.79 0.00	52.31 2.77 0.00	52.03 3.18 0.00	51.93 3.49 0.00	53.36 3.91 0.00	58.16 4.11 0.00	64.25 4.42 -0.03	70.15 4.65 0.00	89.08 6.29 0.00	103.41 9.14 -1.91	152.42 9.81 -47.35	212.87 10.77 -100.54	300.17 10.97 -187.67	362.74 12.45 -237.12	413.14 14.51 -265.47	321.12 15.32 -159.93	215.55 14.80 -57.10	153.56 11.24 -27.59	105.94 8.35 -1.58	86.80 5.37 -0.01	69.27 3.98 -0.02
ASTORIA_GT4_3 24104	62.35 3.03 -0.01	55.94 3.12 -0.01	52.29 3.01 0.00	51.68 2.79 0.00	52.31 2.77 0.00	52.03 3.18 0.00	51.93 3.49 0.00	53.36 3.91 0.00	58.16 4.11 0.00	64.25 4.42 -0.03	70.15 4.65 0.00	89.08 6.29 0.00	103.41 9.14 -1.91	152.42 9.81 -47.35	212.87 10.77 -100.54	300.17 10.97 -187.67	362.74 12.45 -237.12	413.14 14.51 -265.47	321.12 15.32 -159.93	215.55 14.80 -57.10	153.56 11.24 -27.59	105.94 8.35 -1.58	86.80 5.37 -0.01	69.27 3.98 -0.02

ASTORIA_GT4_4 24105	62.35 3.03 -0.01	55.94 3.12 -0.01	52.29 3.01 0.00	51.68 2.79 0.00	52.31 2.77 0.00	52.03 3.18 0.00	51.93 3.49 0.00	53.36 3.91 0.00	58.16 4.11 0.00	64.25 4.42 -0.03	70.15 4.65 0.00	89.08 6.29 0.00	103.41 9.14 -1.91	152.42 9.81 -47.35	212.87 10.77 -100.54	300.17 10.97 -187.67	362.74 12.45 -237.12	413.14 14.51 -265.47	321.12 15.32 -159.93	215.55 14.80 -57.10	153.56 11.24 -27.59	105.94 8.35 -1.58	86.80 5.37 -0.01	69.27 3.98 -0.02
ASTORIA_GT_1 23523	62.47 3.14 -0.01	56.04 3.22 -0.01	52.39 3.10 0.00	51.78 2.88 0.00	52.41 2.87 0.00	52.17 3.32 0.00	52.03 3.58 0.00	53.46 4.01 0.00	58.27 4.22 0.00	64.43 4.60 -0.03	70.34 4.85 0.00	89.33 6.54 0.00	103.68 9.42 -1.91	152.71 10.10 -47.35	213.17 11.07 -100.54	300.58 11.37 -187.67	363.19 12.90 -237.12	413.67 15.05 -265.47	321.56 15.75 -159.93	215.98 15.23 -57.10	153.90 11.59 -27.59	106.23 8.64 -1.58	87.05 5.62 -0.01	69.46 4.18 -0.02
ASTORIA_GT_10 24110	62.17 2.85 0.00	55.83 3.01 0.00	52.29 3.01 0.00	51.73 2.84 0.00	52.26 2.72 0.00	52.07 3.22 0.00	51.98 3.54 0.00	53.46 4.01 0.00	58.33 4.27 0.00	64.43 4.60 -0.03	70.21 4.72 0.00	89.24 6.46 0.00	103.22 9.24 -1.63	151.47 9.91 -46.30	210.89 10.77 -98.56	299.77 10.76 -187.47	361.09 12.22 -235.71	406.87 14.25 -259.46	258.37 15.03 -97.47	208.93 14.37 -50.91	151.14 10.78 -25.63	105.83 8.26 -1.56	86.71 5.29 0.00	69.18 3.92 0.00
ASTORIA_GT_11 24225	62.17 2.85 0.00	55.83 3.01 0.00	52.29 3.01 0.00	51.73 2.84 0.00	52.26 2.72 0.00	52.07 3.22 0.00	51.98 3.54 0.00	53.46 4.01 0.00	58.33 4.27 0.00	64.43 4.60 -0.03	70.21 4.72 0.00	89.24 6.46 0.00	103.22 9.24 -1.63	151.47 9.91 -46.30	210.89 10.77 -98.56	299.77 10.76 -187.47	361.09 12.22 -235.71	406.87 14.25 -259.46	258.37 15.03 -97.47	208.93 14.37 -50.91	151.14 10.78 -25.63	105.83 8.26 -1.56	86.71 5.29 0.00	69.18 3.92 0.00
ASTORIA_GT_12 24226	62.17 2.85 0.00	55.83 3.01 0.00	52.29 3.01 0.00	51.73 2.84 0.00	52.26 2.72 0.00	52.07 3.22 0.00	51.98 3.54 0.00	53.46 4.01 0.00	58.33 4.27 0.00	64.43 4.60 -0.03	70.21 4.72 0.00	89.24 6.46 0.00	103.22 9.24 -1.63	151.47 9.91 -46.30	210.89 10.77 -98.56	299.77 10.76 -187.47	361.09 12.22 -235.71	406.87 14.25 -259.46	258.37 15.03 -97.47	208.93 14.37 -50.91	151.14 10.78 -25.63	105.83 8.26 -1.56	86.71 5.29 0.00	69.18 3.92 0.00
ASTORIA_GT_13 24227	62.17 2.85 0.00	55.83 3.01 0.00	52.29 3.01 0.00	51.73 2.84 0.00	52.26 2.72 0.00	52.07 3.22 0.00	51.98 3.54 0.00	53.46 4.01 0.00	58.33 4.27 0.00	64.43 4.60 -0.03	70.21 4.72 0.00	89.24 6.46 0.00	103.22 9.24 -1.63	151.47 9.91 -46.30	210.89 10.77 -98.56	299.77 10.76 -187.47	361.09 12.22 -235.71	406.87 14.25 -259.46	258.37 15.03 -97.47	208.93 14.37 -50.91	151.14 10.78 -25.63	105.83 8.26 -1.56	86.71 5.29 0.00	69.18 3.92 0.00
ASTORIA_GT_5 24106	62.47 3.14 -0.01	56.04 3.22 -0.01	52.39 3.10 0.00	51.78 2.88 0.00	52.41 2.87 0.00	52.17 3.32 0.00	52.03 3.58 0.00	53.46 4.01 0.00	58.27 4.22 0.00	64.43 4.60 -0.03	70.34 4.85 0.00	89.33 6.54 0.00	103.68 9.42 -1.91	152.71 10.10 -47.35	213.17 11.07 -100.54	300.58 11.37 -187.67	363.19 12.90 -237.12	413.67 15.05 -265.47	321.56 15.75 -159.93	215.98 15.23 -57.10	153.90 11.59 -27.59	106.23 8.64 -1.58	87.05 5.62 -0.01	69.46 4.18 -0.02
ASTORIA_GT_7 24107	62.47 3.14 -0.01	56.04 3.22 -0.01	52.39 3.10 0.00	51.78 2.88 0.00	52.41 2.87 0.00	52.17 3.32 0.00	52.03 3.58 0.00	53.46 4.01 0.00	58.27 4.22 0.00	64.43 4.60 -0.03	70.34 4.85 0.00	89.33 6.54 0.00	103.68 9.42 -1.91	152.71 10.10 -47.35	213.17 11.07 -100.54	300.58 11.37 -187.67	363.19 12.90 -237.12	413.67 15.05 -265.47	321.56 15.75 -159.93	215.98 15.23 -57.10	153.90 11.59 -27.59	106.23 8.64 -1.58	87.05 5.62 -0.01	69.46 4.18 -0.02
ASTORIA_GT_8 24108	62.47 3.14 -0.01	56.04 3.22 -0.01	52.39 3.10 0.00	51.78 2.88 0.00	52.41 2.87 0.00	52.17 3.32 0.00	52.03 3.58 0.00	53.46 4.01 0.00	58.27 4.22 0.00	64.43 4.60 -0.03	70.34 4.85 0.00	89.33 6.54 0.00	103.68 9.42 -1.91	152.71 10.10 -47.35	213.17 11.07 -100.54	300.58 11.37 -187.67	363.19 12.90 -237.12	413.67 15.05 -265.47	321.56 15.75 -159.93	215.98 15.23 -57.10	153.90 11.59 -27.59	106.23 8.64 -1.58	87.05 5.62 -0.01	69.46 4.18 -0.02
ASTORIA___2 24149	62.18 2.85 -0.01	55.99 3.17 -0.01	52.35 3.06 -0.01	51.79 2.88 -0.01	52.36 2.82 -0.01	51.93 3.08 0.00	51.94 3.49 0.00	53.60 4.15 0.00	58.11 4.06 0.00	64.24 4.42 -0.02	70.14 4.65 0.01	89.07 6.29 0.01	103.41 9.15 -1.91	152.42 9.81 -47.35	212.97 10.87 -100.53	300.17 10.97 -187.66	362.71 12.45 -237.10	413.26 14.65 -265.45	321.09 15.31 -159.90	215.53 14.80 -57.08	153.55 11.25 -27.58	105.93 8.35 -1.57	86.80 5.37 -0.01	69.26 3.98 -0.01
ASTORIA___3 23516	62.05 2.73 0.00	55.88 3.06 0.00	52.35 3.06 -0.01	51.79 2.88 -0.01	52.26 2.72 -0.01	51.98 3.13 0.00	51.98 3.53 0.00	53.70 4.25 0.00	58.27 4.22 0.00	64.48 4.67 -0.02	70.27 4.78 0.01	89.24 6.46 0.01	103.22 9.23 -1.63	151.46 9.91 -46.29	210.88 10.76 -98.55	299.75 10.76 -187.46	361.07 12.23 -235.69	406.86 14.26 -259.44	258.35 15.03 -97.44	208.91 14.36 -50.89	151.12 10.78 -25.62	105.72 8.16 -1.55	86.71 5.29 0.00	69.18 3.92 0.01
ASTORIA___4 23517	62.17 2.85 0.00	55.83 3.01 0.00	52.29 3.01 0.00	51.73 2.84 0.00	52.26 2.72 0.00	52.07 3.22 0.00	51.98 3.54 0.00	53.46 4.01 0.00	58.33 4.27 0.00	64.43 4.60 -0.03	70.21 4.72 0.00	89.24 6.46 0.00	103.22 9.24 -1.63	151.47 9.91 -46.30	210.89 10.77 -98.56	299.77 10.76 -187.47	361.09 12.22 -235.71	406.87 14.25 -259.46	258.37 15.03 -97.47	208.93 14.37 -50.91	151.14 10.78 -25.63	105.83 8.26 -1.56	86.71 5.29 0.00	69.18 3.92 0.00
ASTORIA___5 23518	62.05 2.73 0.00	55.88 3.06 0.00	52.35 3.06 -0.01	51.79 2.88 -0.01	52.26 2.72 -0.01	51.98 3.13 0.00	51.98 3.53 0.00	53.70 4.25 0.00	58.27 4.22 0.00	64.48 4.67 -0.02	70.27 4.78 0.01	89.24 6.46 0.01	103.22 9.23 -1.63	151.46 9.91 -46.29	210.88 10.76 -98.55	299.75 10.76 -187.46	361.07 12.23 -235.69	406.86 14.26 -259.44	258.35 15.03 -97.44	208.91 14.36 -50.89	151.12 10.78 -25.62	105.72 8.16 -1.55	86.71 5.29 0.00	69.18 3.92 0.01
AST_ENERGY_2_CC3 323677	39.82 2.79 22.29	38.73 2.80 16.88	38.73 2.76 13.31	38.73 2.59 12.75	38.73 2.48 13.28	38.73 2.98 13.10	38.73 3.34 13.06	38.73 4.06 14.78	38.73 4.27 19.59	40.42 5.08 24.46	50.57 5.17 20.10	68.12 6.95 21.62	83.73 9.60 18.23	113.11 10.48 -7.37	147.50 11.27 -34.67	160.47 11.37 -47.56	163.05 12.78 -37.10	180.12 14.91 -32.05	217.03 15.90 -55.25	191.55 15.08 -32.82	133.63 11.36 -7.55	85.60 8.74 19.15	68.84 5.61 18.19	50.10 4.31 19.48
AST_ENERGY_2_CC4 323678	39.82 2.79 22.29	38.73 2.80 16.88	38.73 2.76 13.31	38.73 2.59 12.75	38.73 2.48 13.28	38.73 2.98 13.10	38.73 3.34 13.06	38.73 4.06 14.78	38.73 4.27 19.59	40.42 5.08 24.46	50.57 5.17 20.10	68.12 6.95 21.62	83.73 9.60 18.23	113.11 10.48 -7.37	147.50 11.27 -34.67	160.47 11.37 -47.56	163.05 12.78 -37.10	180.12 14.91 -32.05	217.03 15.90 -55.25	191.55 15.08 -32.82	133.63 11.36 -7.55	85.60 8.74 19.15	68.84 5.61 18.19	50.10 4.31 19.48

ATHENS_STG_1 23668	60.44 1.12 0.00	53.93 1.11 0.00	50.42 1.13 0.00	50.12 1.22 0.00	50.77 1.24 0.00	50.46 1.61 0.00	50.14 1.69 0.00	51.23 1.78 0.00	55.95 1.89 0.00	62.07 2.27 0.00	67.85 2.35 0.00	85.76 2.98 0.00	96.79 4.43 0.00	115.09 4.95 -14.88	124.92 5.28 -18.08	128.50 5.18 -21.79	123.01 5.88 -3.96	138.15 6.79 1.80	189.29 7.15 -36.26	183.52 6.61 -33.25	143.92 5.17 -24.03	101.79 4.22 -1.56	83.95 2.53 0.00	67.29 2.03 0.00
ATHENS_STG_2 23670	60.44 1.12 0.00	53.93 1.11 0.00	50.42 1.13 0.00	50.12 1.22 0.00	50.77 1.24 0.00	50.46 1.61 0.00	50.14 1.69 0.00	51.23 1.78 0.00	55.95 1.89 0.00	62.07 2.27 0.00	67.85 2.35 0.00	85.76 2.98 0.00	96.79 4.43 0.00	115.09 4.95 -14.88	124.92 5.28 -18.08	128.50 5.18 -21.79	123.01 5.88 -3.96	138.15 6.79 1.80	189.29 7.15 -36.26	183.52 6.61 -33.25	143.92 5.17 -24.03	101.79 4.22 -1.56	83.95 2.53 0.00	67.29 2.03 0.00
ATHENS_STG_3 23677	60.44 1.12 0.00	53.93 1.11 0.00	50.42 1.13 0.00	50.12 1.22 0.00	50.77 1.24 0.00	50.46 1.61 0.00	50.14 1.69 0.00	51.23 1.78 0.00	55.95 1.89 0.00	62.07 2.27 0.00	67.85 2.35 0.00	85.76 2.98 0.00	96.79 4.43 0.00	115.09 4.95 -14.88	124.92 5.28 -18.08	128.50 5.18 -21.79	123.01 5.88 -3.96	138.15 6.79 1.80	189.29 7.15 -36.26	183.52 6.61 -33.25	143.92 5.17 -24.03	101.79 4.22 -1.56	83.95 2.53 0.00	67.29 2.03 0.00
AUBURN____LFGE 323710	59.91 0.59 0.00	53.13 0.32 0.00	49.33 0.05 0.00	48.75 -0.15 0.00	49.39 -0.15 0.00	49.05 0.20 0.00	48.78 0.34 0.00	49.95 0.49 0.00	54.70 0.65 0.00	60.27 0.48 0.00	66.09 0.59 0.00	83.36 0.58 0.00	92.91 0.55 -0.01	98.50 0.67 -2.57	104.91 1.12 -2.23	106.18 1.22 -3.42	116.33 1.36 -1.81	136.16 2.00 -1.00	154.00 2.33 -5.79	149.54 2.15 -3.73	119.55 1.84 -2.99	97.75 1.54 -0.21	81.91 0.49 0.00	65.72 0.46 0.00
BABYLON_RES_REC 323704	63.83 4.51 -0.01	56.94 4.12 0.00	53.18 3.89 0.00	52.37 3.47 0.00	52.66 3.12 0.00	52.56 3.71 0.00	52.46 4.02 0.00	54.50 5.05 0.00	59.68 5.62 -0.01	66.59 6.75 -0.04	70.55 5.04 0.00	96.57 6.37 -7.41	103.67 9.51 -1.80	149.95 10.48 -44.22	207.37 11.37 -94.43	300.20 11.17 -187.49	374.23 12.90 -248.17	415.14 15.44 -266.54	327.83 16.62 -165.33	223.41 15.94 -63.81	151.09 12.15 -24.21	106.02 8.45 -1.56	85.33 3.91 0.00	68.79 3.52 0.00
BALL_HILL_WT_PWR 323825	58.13 -1.19 0.00	51.18 -1.64 0.00	47.22 -2.07 0.00	46.06 -2.84 0.00	46.51 -3.02 0.00	46.70 -2.15 0.00	45.88 -2.57 0.00	46.19 -3.27 0.00	51.30 -2.75 0.00	56.09 -3.71 0.00	61.70 -3.80 0.00	77.49 -5.30 0.00	85.50 -6.83 0.02	89.29 -6.86 -0.89	97.53 -6.50 -2.47	100.29 -5.78 -4.54	109.95 -5.89 -2.67	129.49 -5.59 -1.92	146.18 -7.43 -7.74	142.30 -7.18 -5.83	114.12 -4.93 -4.33	91.68 -4.61 -0.28	77.10 -4.32 0.00	63.31 -1.96 0.00
BARON_WINDS____WT_PWR 323822	58.43 -0.89 0.00	51.50 -1.32 0.00	47.71 -1.58 0.00	46.79 -2.10 0.00	47.31 -2.23 0.00	47.34 -1.51 0.00	46.75 -1.70 0.00	47.23 -2.22 0.00	51.95 -2.11 0.00	56.99 -2.81 0.00	62.62 -2.88 0.00	78.90 -3.89 0.00	87.33 -4.99 0.03	90.86 -4.85 -0.46	100.40 -4.77 -3.61	103.52 -4.06 -6.05	112.66 -4.07 -3.57	132.52 -3.20 -2.56	152.38 -3.79 -10.30	149.03 -3.02 -8.40	118.87 -1.61 -5.76	94.75 -1.63 -0.37	79.39 -2.03 0.00	64.68 -0.59 0.00
BARRETT_IC_1 23704	63.13 3.80 -0.01	56.41 3.59 0.00	52.68 3.40 0.00	51.98 3.08 0.00	52.36 2.82 0.00	52.22 3.37 0.00	52.03 3.58 0.00	53.90 4.45 0.00	58.82 4.76 -0.01	65.45 5.62 -0.04	70.61 5.11 0.00	158.07 6.87 -68.42	114.28 9.51 -12.41	157.90 10.38 -52.26	222.39 11.27 -109.55	301.82 11.27 -189.02	515.53 12.90 -389.48	635.19 15.31 -486.72	535.79 16.33 -373.58	420.72 15.38 -261.69	158.78 11.71 -32.35	106.02 8.45 -1.56	85.81 4.39 0.00	68.92 3.65 0.00
BARRETT_IC_10 23701	63.13 3.80 -0.01	56.41 3.59 0.00	52.68 3.40 0.00	51.98 3.08 0.00	52.36 2.82 0.00	52.22 3.37 0.00	52.03 3.58 0.00	53.90 4.45 0.00	58.82 4.76 -0.01	65.45 5.62 -0.04	70.61 5.11 0.00	110.48 6.87 -20.82	88.35 9.51 13.52	84.57 10.38 21.07	84.57 11.27 28.26	287.89 11.27 -175.09	317.09 12.90 -191.03	84.57 15.31 63.90	93.98 16.33 68.23	84.57 15.38 74.46	84.57 11.71 41.86	106.00 8.45 -1.54	85.81 4.39 0.00	68.92 3.65 0.00
BARRETT_IC_11 23702	63.13 3.80 -0.01	56.41 3.59 0.00	52.68 3.40 0.00	51.98 3.08 0.00	52.36 2.82 0.00	52.22 3.37 0.00	52.03 3.58 0.00	53.90 4.45 0.00	58.82 4.76 -0.01	65.45 5.62 -0.04	70.61 5.11 0.00	110.48 6.87 -20.82	88.35 9.51 13.52	84.57 10.38 21.07	84.57 11.27 28.26	287.89 11.27 -175.09	317.09 12.90 -191.03	84.57 15.31 63.90	93.98 16.33 68.23	84.57 15.38 74.46	84.57 11.71 41.86	106.00 8.45 -1.54	85.81 4.39 0.00	68.92 3.65 0.00
BARRETT_IC_12 23703	63.13 3.80 -0.01	56.41 3.59 0.00	52.68 3.40 0.00	51.98 3.08 0.00	52.36 2.82 0.00	52.22 3.37 0.00	52.03 3.58 0.00	53.90 4.45 0.00	58.82 4.76 -0.01	65.45 5.62 -0.04	70.61 5.11 0.00	110.48 6.87 -20.82	88.35 9.51 13.52	84.57 10.38 21.07	84.57 11.27 28.26	287.89 11.27 -175.09	317.09 12.90 -191.03	84.57 15.31 63.90	93.98 16.33 68.23	84.57 15.38 74.46	84.57 11.71 41.86	106.00 8.45 -1.54	85.81 4.39 0.00	68.92 3.65 0.00
BARRETT_IC_2 23705	63.13 3.80 -0.01	56.41 3.59 0.00	52.68 3.40 0.00	51.98 3.08 0.00	52.36 2.82 0.00	52.22 3.37 0.00	52.03 3.58 0.00	53.90 4.45 0.00	58.82 4.76 -0.01	65.45 5.62 -0.04	70.61 5.11 0.00	158.07 6.87 -68.42	114.28 9.51 -12.41	157.90 10.38 -52.26	222.39 11.27 -109.55	301.82 11.27 -189.02	515.53 12.90 -389.48	635.19 15.31 -486.72	535.79 16.33 -373.58	420.72 15.38 -261.69	158.78 11.71 -32.35	106.02 8.45 -1.56	85.81 4.39 0.00	68.92 3.65 0.00
BARRETT_IC_3 23706	63.13 3.80 -0.01	56.41 3.59 0.00	52.68 3.40 0.00	51.98 3.08 0.00	52.36 2.82 0.00	52.22 3.37 0.00	52.03 3.58 0.00	53.90 4.45 0.00	58.82 4.76 -0.01	65.45 5.62 -0.04	70.61 5.11 0.00	158.07 6.87 -68.42	114.28 9.51 -12.41	157.90 10.38 -52.26	222.39 11.27 -109.55	301.82 11.27 -189.02	515.53 12.90 -389.48	635.19 15.31 -486.72	535.79 16.33 -373.58	420.72 15.38 -261.69	158.78 11.71 -32.35	106.02 8.45 -1.56	85.81 4.39 0.00	68.92 3.65 0.00
BARRETT_IC_4 23707	63.13 3.80 -0.01	56.41 3.59 0.00	52.68 3.40 0.00	51.98 3.08 0.00	52.36 2.82 0.00	52.22 3.37 0.00	52.03 3.58 0.00	53.90 4.45 0.00	58.82 4.76 -0.01	65.45 5.62 -0.04	70.61 5.11 0.00	158.07 6.87 -68.42	114.28 9.51 -12.41	157.90 10.38 -52.26	222.39 11.27 -109.55	301.82 11.27 -189.02	515.53 12.90 -389.48	635.19 15.31 -486.72	535.79 16.33 -373.58	420.72 15.38 -261.69	158.78 11.71 -32.35	106.02 8.45 -1.56	85.81 4.39 0.00	68.92 3.65 0.00
BARRETT_IC_5 23708	63.13 3.80 -0.01	56.41 3.59 0.00	52.68 3.40 0.00	51.98 3.08 0.00	52.36 2.82 0.00	52.22 3.37 0.00	52.03 3.58 0.00	53.90 4.45 0.00	58.82 4.76 -0.01	65.45 5.62 -0.04	70.61 5.11 0.00	158.07 6.87 -68.42	114.28 9.51 -12.41	157.90 10.38 -52.26	222.39 11.27 -109.55	301.82 11.27 -189.02	515.53 12.90 -389.48	635.19 15.31 -486.72	535.79 16.33 -373.58	420.72 15.38 -261.69	158.78 11.71 -32.35	106.02 8.45 -1.56	85.81 4.39 0.00	68.92 3.65 0.00

BARRETT_IC_6 23709	63.13 3.80 -0.01	56.41 3.59 0.00	52.68 3.40 0.00	51.98 3.08 0.00	52.36 2.82 0.00	52.22 3.37 0.00	52.03 3.58 0.00	53.90 4.45 0.00	58.82 4.76 -0.01	65.45 5.62 -0.04	70.61 5.11 0.00	158.07 6.87 -68.42	114.28 9.51 -12.41	157.90 10.38 -52.26	222.39 11.27 -109.55	301.82 11.27 -189.02	515.53 12.90 -389.48	635.19 15.31 -486.72	535.79 16.33 -373.58	420.72 15.38 -261.69	158.78 11.71 -32.35	106.02 8.45 -1.56	85.81 4.39 0.00	68.92 3.65 0.00
BARRETT_IC_7 23710	63.12 3.80 0.00	56.14 3.33 0.00	52.39 3.10 0.00	51.73 2.84 0.00	52.06 2.53 0.00	51.98 3.13 0.00	51.59 3.15 0.00	53.41 3.96 0.00	58.81 4.76 0.00	65.39 5.56 -0.03	70.48 4.98 0.00	158.07 6.87 -68.42	114.28 9.51 -12.41	157.89 10.38 -52.25	222.38 11.27 -109.54	301.83 11.27 -189.02	515.55 12.90 -389.49	635.20 15.31 -486.72	535.82 16.34 -373.60	420.74 15.37 -261.71	158.78 11.70 -32.36	106.12 8.54 -1.56	85.82 4.40 0.00	68.92 3.65 0.00
BARRETT_IC_8 23711	63.13 3.80 -0.01	56.41 3.59 0.00	52.68 3.40 0.00	51.98 3.08 0.00	52.36 2.82 0.00	52.22 3.37 0.00	52.03 3.58 0.00	53.90 4.45 0.00	58.82 4.76 -0.01	65.45 5.62 -0.04	70.61 5.11 0.00	158.07 6.87 -68.42	114.28 9.51 -12.41	157.90 10.38 -52.26	222.39 11.27 -109.55	301.82 11.27 -189.02	515.53 12.90 -389.48	635.19 15.31 -486.72	535.79 16.33 -373.58	420.72 15.38 -261.69	158.78 11.71 -32.35	106.02 8.45 -1.56	85.81 4.39 0.00	68.92 3.65 0.00
BARRETT_IC_9 23700	63.13 3.80 -0.01	56.41 3.59 0.00	52.68 3.40 0.00	51.98 3.08 0.00	52.36 2.82 0.00	52.22 3.37 0.00	52.03 3.58 0.00	53.90 4.45 0.00	58.82 4.76 -0.01	65.45 5.62 -0.04	70.61 5.11 0.00	110.48 6.87 -20.82	88.35 9.51 13.52	84.57 10.38 21.07	84.57 11.27 28.26	287.89 11.27 -175.09	317.09 12.90 -191.03	84.57 15.31 63.90	93.98 16.33 68.23	84.57 15.38 74.46	84.57 11.71 41.86	106.00 8.45 -1.54	85.81 4.39 0.00	68.92 3.65 0.00
BARRETT___1 23545	63.13 3.80 -0.01	56.41 3.59 0.00	52.68 3.40 0.00	51.98 3.08 0.00	52.36 2.82 0.00	52.22 3.37 0.00	52.03 3.58 0.00	53.90 4.45 0.00	58.82 4.76 -0.01	65.45 5.62 -0.04	70.61 5.11 0.00	158.07 6.87 -68.42	114.28 9.51 -12.41	157.90 10.38 -52.26	222.39 11.27 -109.55	301.82 11.27 -189.02	515.53 12.90 -389.48	635.19 15.31 -486.72	535.79 16.33 -373.58	420.72 15.38 -261.69	158.78 11.71 -32.35	106.02 8.45 -1.56	85.81 4.39 0.00	68.92 3.65 0.00
BARRETT___2 23546	63.13 3.80 -0.01	56.41 3.59 0.00	52.68 3.40 0.00	51.98 3.08 0.00	52.36 2.82 0.00	52.22 3.37 0.00	52.03 3.58 0.00	53.90 4.45 0.00	58.82 4.76 -0.01	65.45 5.62 -0.04	70.61 5.11 0.00	110.48 6.87 -20.82	88.35 9.51 13.52	84.57 10.38 21.07	84.57 11.27 28.26	287.89 11.27 -175.09	317.09 12.90 -191.03	84.57 15.31 63.90	93.98 16.33 68.23	84.57 15.38 74.46	84.57 11.71 41.86	106.00 8.45 -1.54	85.81 4.39 0.00	68.92 3.65 0.00
BATAVIA__115KV_TB1 55881	59.68 0.36 0.00	52.55 -0.26 0.00	48.40 -0.89 0.00	47.23 -1.66 0.00	47.85 -1.68 0.00	47.73 -1.12 0.00	47.14 -1.31 0.00	48.21 -1.24 0.00	52.49 -1.57 0.00	57.34 -2.45 0.00	63.21 -2.29 0.00	79.06 -3.73 0.00	85.51 -6.83 0.01	89.44 -6.76 -0.94	98.28 -5.48 -2.20	99.69 -5.58 -3.74	109.20 -6.11 -2.15	128.90 -5.86 -1.59	145.01 -7.29 -6.42	141.45 -7.04 -4.84	113.49 -4.82 -3.59	91.92 -4.32 -0.23	78.41 -3.01 0.00	63.90 -1.37 0.00
BAYONEEC___CTG1 323682	62.05 2.73 0.00	55.61 2.80 0.00	52.04 2.76 0.00	51.53 2.64 0.00	52.06 2.52 0.00	51.88 3.03 0.00	51.84 3.39 0.00	53.60 4.15 0.00	58.38 4.33 0.00	64.90 5.08 -0.03	70.67 5.17 0.00	89.74 6.95 0.00	103.68 9.69 -1.63	152.07 10.57 -46.24	211.35 11.27 -98.51	300.23 11.37 -187.32	361.40 12.90 -235.34	407.25 15.04 -259.04	259.02 15.90 -97.24	209.74 15.22 -50.87	151.82 11.47 -25.63	106.30 8.74 -1.56	87.03 5.61 0.00	69.51 4.24 0.00
BAYONEEC___CTG10 323750	62.05 2.73 0.00	55.61 2.80 0.00	52.04 2.76 0.00	51.53 2.64 0.00	52.06 2.52 0.00	51.88 3.03 0.00	51.84 3.39 0.00	53.60 4.15 0.00	58.38 4.33 0.00	64.90 5.08 -0.03	70.67 5.17 0.00	89.74 6.95 0.00	103.68 9.69 -1.63	152.07 10.57 -46.24	211.35 11.27 -98.51	300.23 11.37 -187.32	361.40 12.90 -235.34	407.25 15.04 -259.04	259.02 15.90 -97.24	209.74 15.22 -50.87	151.82 11.47 -25.63	106.30 8.74 -1.56	87.03 5.61 0.00	69.51 4.24 0.00
BAYONEEC___CTG2 323683	62.05 2.73 0.00	55.61 2.80 0.00	52.04 2.76 0.00	51.53 2.64 0.00	52.06 2.52 0.00	51.88 3.03 0.00	51.84 3.39 0.00	53.60 4.15 0.00	58.38 4.33 0.00	64.90 5.08 -0.03	70.67 5.17 0.00	89.74 6.95 0.00	103.68 9.69 -1.63	152.07 10.57 -46.24	211.35 11.27 -98.51	300.23 11.37 -187.32	361.40 12.90 -235.34	407.25 15.04 -259.04	259.02 15.90 -97.24	209.74 15.22 -50.87	151.82 11.47 -25.63	106.30 8.74 -1.56	87.03 5.61 0.00	69.51 4.24 0.00
BAYONEEC___CTG3 323684	62.05 2.73 0.00	55.61 2.80 0.00	52.04 2.76 0.00	51.53 2.64 0.00	52.06 2.52 0.00	51.88 3.03 0.00	51.84 3.39 0.00	53.60 4.15 0.00	58.38 4.33 0.00	64.90 5.08 -0.03	70.67 5.17 0.00	89.74 6.95 0.00	103.68 9.69 -1.63	152.07 10.57 -46.24	211.35 11.27 -98.51	300.23 11.37 -187.32	361.40 12.90 -235.34	407.25 15.04 -259.04	259.02 15.90 -97.24	209.74 15.22 -50.87	151.82 11.47 -25.63	106.30 8.74 -1.56	87.03 5.61 0.00	69.51 4.24 0.00
BAYONEEC___CTG4 323685	62.05 2.73 0.00	55.61 2.80 0.00	52.04 2.76 0.00	51.53 2.64 0.00	52.06 2.52 0.00	51.88 3.03 0.00	51.84 3.39 0.00	53.60 4.15 0.00	58.38 4.33 0.00	64.90 5.08 -0.03	70.67 5.17 0.00	89.74 6.95 0.00	103.68 9.69 -1.63	152.07 10.57 -46.24	211.35 11.27 -98.51	300.23 11.37 -187.32	361.40 12.90 -235.34	407.25 15.04 -259.04	259.02 15.90 -97.24	209.74 15.22 -50.87	151.82 11.47 -25.63	106.30 8.74 -1.56	87.03 5.61 0.00	69.51 4.24 0.00
BAYONEEC___CTG5 323686	62.05 2.73 0.00	55.61 2.80 0.00	52.04 2.76 0.00	51.53 2.64 0.00	52.06 2.52 0.00	51.88 3.03 0.00	51.84 3.39 0.00	53.60 4.15 0.00	58.38 4.33 0.00	64.90 5.08 -0.03	70.67 5.17 0.00	89.74 6.95 0.00	103.68 9.69 -1.63	152.07 10.57 -46.24	211.35 11.27 -98.51	300.23 11.37 -187.32	361.40 12.90 -235.34	407.25 15.04 -259.04	259.02 15.90 -97.24	209.74 15.22 -50.87	151.82 11.47 -25.63	106.30 8.74 -1.56	87.03 5.61 0.00	69.51 4.24 0.00
BAYONEEC___CTG6 323687	62.05 2.73 0.00	55.61 2.80 0.00	52.04 2.76 0.00	51.53 2.64 0.00	52.06 2.52 0.00	51.88 3.03 0.00	51.84 3.39 0.00	53.60 4.15 0.00	58.38 4.33 0.00	64.90 5.08 -0.03	70.67 5.17 0.00	89.74 6.95 0.00	103.68 9.69 -1.63	152.07 10.57 -46.24	211.35 11.27 -98.51	300.23 11.37 -187.32	361.40 12.90 -235.34	407.25 15.04 -259.04	259.02 15.90 -97.24	209.74 15.22 -50.87	151.82 11.47 -25.63	106.30 8.74 -1.56	87.03 5.61 0.00	69.51 4.24 0.00
BAYONEEC___CTG7 323688	62.05 2.73 0.00	55.61 2.80 0.00	52.04 2.76 0.00	51.53 2.64 0.00	52.06 2.52 0.00	51.88 3.03 0.00	51.84 3.39 0.00	53.60 4.15 0.00	58.38 4.33 0.00	64.90 5.08 -0.03	70.67 5.17 0.00	89.74 6.95 0.00	103.68 9.69 -1.63	152.07 10.57 -46.24	211.35 11.27 -98.51	300.23 11.37 -187.32	361.40 12.90 -235.34	407.25 15.04 -259.04	259.02 15.90 -97.24	209.74 15.22 -50.87	151.82 11.47 -25.63	106.30 8.74 -1.56	87.03 5.61 0.00	69.51 4.24 0.00

BAYONEEC___CTG8 323689	62.05 2.73 0.00	55.61 2.80 0.00	52.04 2.76 0.00	51.53 2.64 0.00	52.06 2.52 0.00	51.88 3.03 0.00	51.84 3.39 0.00	53.60 4.15 0.00	58.38 4.33 0.00	64.90 5.08 -0.03	70.67 5.17 0.00	89.74 6.95 0.00	103.68 9.69 -1.63	152.07 10.57 -46.24	211.35 11.27 -98.51	300.23 11.37 -187.32	361.40 12.90 -235.34	407.25 15.04 -259.04	259.02 15.90 -97.24	209.74 15.22 -50.87	151.82 11.47 -25.63	106.30 8.74 -1.56	87.03 5.61 0.00	69.51 4.24 0.00
BAYONEEC___CTG9 323749	62.05 2.73 0.00	55.61 2.80 0.00	52.04 2.76 0.00	51.53 2.64 0.00	52.06 2.52 0.00	51.88 3.03 0.00	51.84 3.39 0.00	53.60 4.15 0.00	58.38 4.33 0.00	64.90 5.08 -0.03	70.67 5.17 0.00	89.74 6.95 0.00	103.68 9.69 -1.63	152.07 10.57 -46.24	211.35 11.27 -98.51	300.23 11.37 -187.32	361.40 12.90 -235.34	407.25 15.04 -259.04	259.02 15.90 -97.24	209.74 15.22 -50.87	151.82 11.47 -25.63	106.30 8.74 -1.56	87.03 5.61 0.00	69.51 4.24 0.00
BEACON___LESR 323632	60.62 1.30 0.00	54.14 1.32 0.00	50.52 1.23 0.00	50.21 1.32 0.00	50.77 1.24 0.00	50.46 1.61 0.00	50.19 1.74 0.00	51.33 1.88 0.00	55.95 1.89 0.00	60.97 2.09 0.92	67.99 2.49 0.00	85.60 2.82 0.00	67.06 3.97 29.26	50.22 4.29 49.33	60.19 4.77 46.15	47.80 4.87 58.61	70.11 5.43 48.49	90.22 6.39 49.33	98.33 6.71 54.26	80.76 6.17 69.07	83.26 4.71 36.17	83.12 3.84 16.73	84.19 2.77 0.00	67.55 2.28 0.00
BEAVER RIVER___HYD 24048	60.62 1.30 0.00	53.77 0.95 0.00	50.07 0.79 0.00	49.77 0.88 0.00	50.52 0.99 0.00	49.92 1.07 0.00	49.61 1.16 0.00	50.54 1.09 0.00	55.08 1.02 0.00	60.69 0.90 0.00	66.48 0.98 0.00	83.78 1.00 0.00	92.63 0.28 0.00	95.87 0.10 -0.51	100.92 -0.51 0.14	101.21 0.41 0.73	110.04 0.45 3.58	125.80 1.20 8.55	149.08 3.21 0.00	135.23 3.59 12.01	113.44 3.44 4.72	99.27 3.27 0.00	84.35 2.93 0.00	67.49 2.22 0.00
BEEBEE_GT_13 23619	59.14 -0.18 0.00	52.23 -0.58 0.00	48.25 -1.03 0.00	47.38 -1.52 0.00	47.95 -1.59 0.00	47.68 -1.17 0.00	47.33 -1.11 0.00	48.56 -0.89 0.00	53.03 -1.03 0.00	58.30 -1.49 0.00	64.25 -1.24 0.00	80.63 -2.15 0.00	89.02 -3.32 0.01	92.99 -3.24 -0.97	101.90 -1.73 -2.07	99.50 -2.03 0.00	110.79 -2.38 0.00	131.16 -2.00 0.00	142.81 -3.06 0.00	140.35 -3.30 0.00	112.66 -2.06 0.00	94.09 -1.92 0.00	79.14 -2.28 0.00	64.09 -1.17 0.00
BENSHRST_27_KV_BENSHRST_1 355998	62.70 3.38 0.00	56.25 3.43 0.00	52.74 3.45 0.00	52.22 3.32 0.00	52.65 3.12 0.00	52.47 3.61 0.00	52.37 3.92 0.00	53.70 4.25 0.00	58.70 4.65 0.00	64.97 5.14 -0.03	70.93 5.44 0.00	90.15 7.37 0.00	104.23 10.76 -1.63	152.32 10.76 -46.30	211.70 11.58 -98.56	300.58 11.57 -187.47	361.89 13.01 -235.71	407.80 15.18 -259.46	259.68 15.51 -97.47	210.08 11.82 -50.91	152.17 9.22 -25.63	106.79 6.19 -1.56	87.61 6.19 0.00	69.97 4.70 0.00
BETHLEHEM___GRP 23843	59.62 0.30 0.00	53.29 0.48 0.00	49.83 0.54 0.00	49.53 0.64 0.00	50.08 0.54 0.00	49.78 0.93 0.00	49.41 0.97 0.00	50.44 0.99 0.00	55.08 1.03 0.00	60.39 1.08 0.48	66.87 1.38 0.00	84.11 1.32 0.00	78.85 2.40 15.90	79.01 2.67 18.91	89.65 3.05 14.96	100.99 3.05 3.59	103.59 3.39 12.97	118.48 3.99 18.68	155.05 4.23 -4.95	134.42 3.59 12.83	105.87 2.64 11.49	83.45 2.11 14.67	82.80 1.38 0.00	66.51 1.24 0.00
BETHLEHEM___GS1 323560	59.62 0.30 0.00	53.29 0.47 0.00	49.73 0.44 0.00	49.48 0.59 0.00	50.08 0.55 0.00	49.73 0.88 0.00	49.46 1.02 0.00	50.49 1.04 0.00	55.08 1.02 0.00	60.45 1.13 0.48	66.88 1.38 0.00	84.11 1.32 0.00	78.85 2.40 15.90	79.01 2.66 18.91	89.64 3.04 14.96	100.99 3.04 3.59	103.57 3.39 12.99	118.47 3.99 18.68	155.04 4.23 -4.93	134.40 3.59 12.85	105.86 2.64 11.50	83.45 2.11 14.67	82.80 1.38 0.00	66.50 1.24 0.00
BETHLEHEM___GS2 323561	59.62 0.30 0.00	53.29 0.47 0.00	49.73 0.44 0.00	49.48 0.59 0.00	50.08 0.55 0.00	49.73 0.88 0.00	49.46 1.02 0.00	50.49 1.04 0.00	55.08 1.02 0.00	60.45 1.13 0.48	66.88 1.38 0.00	84.11 1.32 0.00	78.85 2.40 15.90	79.01 2.66 18.91	89.64 3.04 14.96	100.99 3.04 3.59	103.57 3.39 12.99	118.47 3.99 18.68	155.04 4.23 -4.93	134.40 3.59 12.85	105.86 2.64 11.50	83.45 2.11 14.67	82.80 1.38 0.00	66.50 1.24 0.00
BETHLEHEM___GS3 323562	59.62 0.30 0.00	53.29 0.47 0.00	49.73 0.44 0.00	49.48 0.59 0.00	50.08 0.55 0.00	49.73 0.88 0.00	49.46 1.02 0.00	50.49 1.04 0.00	55.08 1.02 0.00	60.45 1.13 0.48	66.88 1.38 0.00	84.11 1.32 0.00	78.85 2.40 15.90	79.01 2.66 18.91	89.64 3.04 14.96	100.99 3.04 3.59	103.57 3.39 12.99	118.47 3.99 18.68	155.04 4.23 -4.93	134.40 3.59 12.85	105.86 2.64 11.50	83.45 2.11 14.67	82.80 1.38 0.00	66.50 1.24 0.00
BETHLEHEM___STEEL 23779	58.07 -1.25 0.00	51.18 -1.64 0.00	47.12 -2.17 0.00	46.01 -2.88 0.00	46.51 -3.02 0.00	46.51 -2.34 0.00	45.93 -2.52 0.00	46.73 -2.72 0.00	51.08 -2.97 0.00	55.85 -3.95 0.00	61.44 -4.06 0.00	76.99 -5.79 0.00	85.04 -7.30 0.02	88.81 -7.33 -0.89	97.08 -6.91 -2.42	99.80 -6.19 -4.45	109.27 -6.45 -2.56	128.40 -6.66 -1.90	144.93 -8.61 -7.66	141.09 -8.33 -5.77	113.27 -5.74 -4.28	90.91 -5.38 -0.28	76.53 -4.89 0.00	62.85 -2.41 0.00
BETHLHEM_115KV_TB1 79974	59.74 0.42 0.00	53.34 0.53 0.00	49.88 0.59 0.00	49.58 0.68 0.00	50.18 0.64 0.00	49.83 0.98 0.00	49.46 1.02 0.00	50.49 1.04 0.00	55.14 1.08 0.00	60.54 1.20 0.45	66.94 1.44 0.00	84.28 1.49 0.00	79.89 2.49 14.96	81.34 2.86 16.77	91.95 3.25 12.87	102.96 3.15 1.72	105.19 3.62 11.59	119.97 4.13 17.32	158.10 4.38 -7.84	138.46 3.88 9.07	109.12 2.87 8.47	84.86 2.30 13.45	82.89 1.47 0.00	66.57 1.31 0.00
BETHPAGE_CC_5 323564	63.30 3.97 -0.01	56.46 3.64 0.00	52.78 3.50 0.00	52.03 3.13 0.00	52.36 2.82 0.00	52.22 3.37 0.00	52.13 3.68 0.00	54.10 4.65 0.00	59.20 5.14 -0.01	65.99 6.16 -0.04	70.67 5.17 0.00	97.73 7.03 -7.91	104.58 10.16 -2.06	151.03 11.23 -44.53	208.68 12.08 -95.04	301.16 12.08 -187.55	379.21 13.80 -252.24	422.59 16.37 -273.05	334.75 17.50 -171.38	228.71 16.66 -68.40	151.88 12.62 -24.54	106.59 9.02 -1.56	85.90 4.48 0.00	68.92 3.65 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	58.19 -1.13 0.00	51.28 -1.53 0.00	47.22 -2.07 0.00	46.06 -2.84 0.00	46.56 -2.97 0.00	46.55 -2.30 0.00	46.02 -2.42 0.00	46.78 -2.67 0.00	51.19 -2.86 0.00	55.97 -3.83 0.00	61.63 -3.86 0.00	77.24 -5.55 0.00	85.41 -6.93 0.02	89.20 -6.95 -0.89	97.22 -6.80 -2.47	100.27 -5.79 -4.52	109.76 -6.00 -2.60	128.96 -6.13 -1.93	145.62 -8.02 -7.77	141.75 -7.76 -5.85	113.67 -5.39 -4.35	91.20 -5.09 -0.28	76.78 -4.64 0.00	63.05 -2.22 0.00
BINGHAMTON___COGEN 23790	59.74 0.42 0.00	53.03 0.21 0.00	49.29 0.00 0.00	48.70 -0.20 0.00	49.34 -0.20 0.00	49.10 0.24 0.00	48.74 0.29 0.00	49.60 0.15 0.00	54.33 0.27 0.00	59.92 0.12 0.00	65.76 0.26 0.00	83.03 0.25 0.00	92.81 0.46 0.01	99.86 0.67 -3.94	107.91 0.81 -5.53	111.76 1.12 -9.11	119.87 1.47 -5.24	139.16 2.00 -4.00	164.03 2.04 -16.11	158.58 1.87 -13.06	125.34 1.61 -9.01	97.94 1.34 -0.58	81.75 0.33 0.00	65.92 0.65 0.00

BIXINCNT_115KV_LOAD 355685	57.90 -1.42 0.00	50.86 -1.95 0.00	46.77 -2.51 0.00	45.42 -3.47 0.00	45.87 -3.67 0.00	45.92 -2.93 0.00	45.44 -3.00 0.00	46.38 -3.07 0.00	50.76 -3.30 0.00	55.49 -4.31 0.00	61.18 -4.32 0.00	76.82 -5.96 0.00	85.41 -6.93 0.02	89.08 -7.05 -0.87	96.62 -7.62 -2.68	101.07 -5.28 -4.82	110.61 -5.32 -2.77	129.89 -5.33 -2.06	147.60 -6.56 -8.29	143.57 -6.32 -6.24	115.11 -4.24 -4.63	92.08 -4.22 -0.30	77.27 -4.15 0.00	63.57 -1.70 0.00
BLACK RIVER___HYD 24047	61.75 2.43 0.00	54.71 1.90 0.00	50.86 1.58 0.00	50.56 1.66 0.00	51.37 1.83 0.00	50.90 2.05 0.00	50.63 2.18 0.00	51.53 2.08 0.00	56.16 2.11 0.00	61.83 2.03 0.00	67.79 2.29 0.00	85.43 2.65 0.00	94.57 2.21 0.00	98.21 2.19 -0.76	103.62 1.72 -0.34	103.46 2.43 0.51	113.41 2.71 2.47	131.26 3.99 5.90	152.45 6.57 0.00	142.69 7.32 8.28	117.89 6.42 3.25	101.96 5.95 0.00	85.98 4.56 0.00	68.72 3.46 0.00
BLACKRVR_115KV_TB2 79977	61.75 2.43 0.00	54.72 1.90 0.00	50.86 1.58 0.00	50.56 1.66 0.00	51.37 1.83 0.00	50.90 2.05 0.00	50.63 2.18 0.00	51.58 2.13 0.00	56.16 2.11 0.00	61.83 2.03 0.00	67.79 2.29 0.00	85.43 2.65 0.00	94.57 2.22 0.00	98.21 2.19 -0.76	103.63 1.73 -0.34	103.46 2.44 0.51	113.41 2.72 2.47	131.25 3.99 5.91	152.44 6.56 0.00	142.70 7.33 8.28	117.89 6.42 3.25	101.96 5.95 0.00	85.98 4.56 0.00	68.73 3.46 0.00
BLDWN_LI_69_KV_BK4 356085	63.65 4.33 0.00	56.51 3.70 0.00	52.78 3.50 0.00	52.02 3.13 0.00	52.36 2.82 0.00	52.27 3.42 0.00	51.98 3.54 0.00	53.85 4.40 0.00	59.41 5.35 0.00	66.10 6.28 -0.03	71.07 5.57 0.00	112.59 7.53 -22.27	107.53 10.53 -4.65	153.36 11.62 -46.49	212.86 12.59 -98.71	302.15 12.69 -187.93	416.53 14.60 -288.77	479.42 17.18 -329.08	388.91 18.53 -224.51	277.80 17.53 -116.62	154.44 13.19 -26.52	107.46 9.89 -1.56	86.63 5.21 0.00	69.71 4.44 0.00
BLISS_WT_PWR 323608	57.66 -1.66 0.00	50.55 -2.27 0.00	46.53 -2.76 0.00	45.13 -3.76 0.00	45.42 -4.11 0.00	45.63 -3.23 0.00	44.91 -3.53 0.00	45.59 -3.86 0.00	50.49 -3.57 0.00	55.19 -4.60 0.00	60.91 -4.59 0.00	76.57 -6.21 0.00	85.04 -7.30 0.02	88.79 -7.33 -0.87	96.32 -7.92 -2.68	100.87 -5.48 -4.82	110.46 -5.54 -2.84	130.00 -5.20 -2.03	147.35 -6.71 -8.18	143.49 -6.32 -6.16	114.93 -4.36 -4.57	91.99 -4.32 -0.30	77.18 -4.24 0.00	63.51 -1.76 0.00
BLUESTONE___WT_PWR 323821	64.84 5.52 0.00	57.46 4.65 0.00	53.43 4.14 0.00	53.14 4.25 0.00	54.04 4.51 0.00	53.98 5.13 0.00	53.92 5.47 0.00	55.09 5.64 0.00	60.32 6.27 0.00	66.49 6.70 0.00	73.03 7.53 0.00	92.71 9.93 0.00	103.55 11.17 -0.03	115.08 11.81 -8.02	120.89 12.49 -6.84	131.82 12.49 -17.80	129.11 7.92 -8.03	148.94 9.99 -5.78	180.86 11.67 -23.31	174.14 11.06 -19.42	136.71 8.95 -13.03	104.44 7.58 -0.84	86.55 5.13 0.00	69.51 4.24 0.00
BLUE_CIRC_CHEM_DRP 24182	59.20 -0.12 0.00	52.87 0.05 0.00	49.48 0.20 0.00	49.19 0.29 0.00	49.78 0.25 0.00	49.39 0.54 0.00	48.93 0.48 0.00	49.80 0.35 0.00	54.27 0.22 0.00	59.58 0.24 0.45	65.68 0.20 0.02	82.85 0.08 0.02	78.57 0.83 14.61	80.31 1.14 16.09	90.32 1.42 12.67	93.78 1.32 9.07	99.69 1.58 15.06	115.67 1.86 19.36	147.18 1.90 0.59	135.91 1.72 9.47	112.87 1.38 3.23	88.15 1.15 9.01	81.91 0.49 0.00	65.72 0.46 0.00
BOC_GAS_DRP 24189	59.91 0.59 0.00	53.45 0.63 0.00	49.98 0.69 0.00	49.68 0.78 0.00	50.33 0.79 0.00	49.93 1.07 0.00	49.56 1.11 0.00	50.54 1.09 0.00	55.24 1.19 0.00	60.82 1.32 0.30	66.94 1.44 0.00	84.52 1.74 0.00	85.31 2.68 9.73	93.51 3.14 4.89	103.71 3.35 1.21	113.43 3.25 -8.65	112.94 3.73 3.95	127.65 4.26 9.78	174.59 4.52 -24.19	159.61 4.17 -11.79	126.15 3.10 -8.33	91.94 2.59 6.66	82.97 1.55 0.00	66.57 1.31 0.00
BOONVILLE_115KV_TB1 79983	60.86 1.54 0.00	54.03 1.21 0.00	50.32 1.03 0.00	49.97 1.08 0.00	50.72 1.19 0.00	50.22 1.37 0.00	49.95 1.50 0.00	50.98 1.53 0.00	55.68 1.62 0.00	61.47 1.67 0.00	67.46 1.96 0.00	85.27 2.48 0.00	94.48 2.12 0.00	97.93 2.29 -0.39	103.85 2.13 -0.16	103.89 2.64 0.28	114.74 2.94 1.36	133.76 3.86 3.26	151.13 5.25 0.00	144.15 5.03 4.53	117.30 4.36 1.78	99.75 3.74 0.00	84.43 3.01 0.00	67.55 2.28 0.00
BORALEX_4TH_BRANCH 23824	62.29 2.97 0.00	55.61 2.80 0.00	51.95 2.66 0.00	51.53 2.64 0.00	52.16 2.63 0.00	51.83 2.98 0.00	51.55 3.10 0.00	52.66 3.21 0.00	57.57 3.51 0.00	64.20 4.01 -0.40	69.82 4.32 0.00	88.08 5.30 0.00	109.20 6.83 -10.01	142.41 7.43 -39.72	155.71 8.12 -46.02	229.19 8.22 -119.43	186.56 9.28 -64.11	190.17 10.92 -46.09	383.88 11.82 -226.18	386.52 11.06 -231.81	295.39 8.60 -172.07	138.67 7.10 -35.55	86.30 4.89 0.00	69.38 4.11 0.00
BOWLINE___1 23526	61.57 2.25 0.00	54.98 2.17 0.00	51.40 2.12 0.00	50.85 1.96 0.00	51.42 1.88 0.00	51.24 2.39 0.00	51.11 2.66 0.00	52.62 3.17 0.00	57.46 3.41 0.00	63.89 4.07 -0.03	69.69 4.20 0.00	88.42 5.63 0.00	101.71 7.85 -1.51	140.36 8.76 -36.35	133.74 9.54 -22.63	168.09 9.54 -57.01	239.76 10.86 -115.73	273.20 12.66 -127.39	271.71 13.41 -112.42	204.74 12.78 -48.31	149.90 9.52 -25.66	104.82 7.29 -1.52	86.06 4.64 0.00	68.79 3.52 0.00
BOWLINE___2 23595	61.45 2.13 0.00	54.87 2.06 0.00	51.31 2.02 0.00	50.75 1.86 0.00	51.31 1.78 0.00	51.15 2.30 0.00	51.01 2.57 0.00	52.57 3.12 0.00	57.41 3.35 0.00	63.83 4.01 -0.03	69.56 4.06 0.00	88.25 5.46 0.00	101.63 7.76 -1.51	140.20 8.58 -36.36	133.51 9.34 -22.61	167.86 9.34 -56.99	239.59 10.63 -115.79	273.13 12.51 -127.45	271.49 13.13 -112.48	204.46 12.49 -48.32	149.79 9.41 -25.66	104.63 7.10 -1.52	85.89 4.48 0.00	68.72 3.46 0.00
BRADY___115KV_TB2 356060	60.21 0.89 0.00	53.50 0.69 0.00	49.93 0.64 0.00	49.63 0.73 0.00	50.38 0.84 0.00	49.05 0.20 0.00	48.59 0.15 0.00	49.35 -0.10 0.00	53.62 -0.43 0.00	59.26 -0.54 0.00	64.58 -0.92 0.00	81.46 -1.32 0.00	89.68 -2.68 0.00	91.83 -3.43 0.00	93.98 -5.18 2.40	93.99 -4.98 2.57	95.10 -5.55 12.52	96.68 -6.52 29.95	140.04 -5.84 0.00	96.85 -4.74 42.06	94.99 -3.21 16.52	93.32 -2.69 0.00	81.58 0.16 0.00	65.40 0.13 0.00
BRANSCOMB___SOLAR 323811	62.40 3.08 0.00	55.61 2.80 0.00	51.90 2.61 0.00	51.43 2.54 0.00	52.06 2.52 0.00	51.68 2.83 0.00	51.35 2.91 0.00	52.42 2.97 0.00	57.08 3.03 0.00	63.46 3.35 -0.32	69.03 3.53 0.00	87.25 4.47 0.00	105.98 5.45 -8.17	137.26 5.62 -36.38	151.14 6.20 -43.38	241.41 6.60 -133.28	193.33 7.35 -72.82	194.39 8.79 -52.44	397.19 9.92 -241.39	392.39 10.05 -238.68	291.77 8.03 -169.02	131.91 6.62 -29.29	86.55 5.13 0.00	69.32 4.05 0.00
BRDGHMPT_69_KV_BK1 55812	64.18 4.86 0.00	56.72 3.91 0.00	52.93 3.65 0.00	52.02 3.13 0.00	52.21 2.67 0.00	52.12 3.27 0.00	51.59 3.15 0.00	53.75 4.30 0.00	59.84 5.78 0.00	67.12 7.30 -0.03	72.25 6.75 0.00	96.03 9.19 -4.05	107.28 13.67 -1.26	172.54 14.76 -62.52	225.45 15.13 -108.76	302.86 13.91 -187.41	369.09 16.30 -239.63	406.59 19.71 -253.72	320.34 21.30 -153.17	252.07 21.84 -86.58	155.96 17.44 -23.80	109.95 12.39 -1.56	87.69 6.27 0.00	71.01 5.74 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	64.12 4.80 0.00	56.83 4.01 0.00	53.08 3.79 0.00	52.22 3.32 0.00	52.51 2.97 0.00	52.47 3.61 0.00	52.22 3.78 0.00	54.20 4.75 0.00	59.95 5.89 0.00	66.94 7.12 -0.03	71.29 5.76 -0.03	106.57 7.70 -16.08	103.98 10.25 -1.38	150.48 11.34 -43.89	207.67 12.29 -93.82	300.74 11.78 -187.43	367.68 13.58 -240.94	405.37 16.38 -255.83	318.50 17.51 -155.12	216.09 17.09 -55.34	151.81 13.19 -23.89	106.88 9.31 -1.56	86.50 5.05 -0.03	69.64 4.37 0.00
BRISTLHL_115KV_TB1 79998	58.61 -0.71 0.00	52.08 -0.74 0.00	48.45 -0.84 0.00	47.96 -0.93 0.00	48.54 -0.99 0.00	48.17 -0.68 0.00	47.82 -0.63 0.00	48.91 -0.54 0.00	53.51 -0.54 0.00	59.08 -0.72 0.00	64.84 -0.65 0.00	81.87 -0.91 0.00	91.34 -1.02 0.00	95.52 -0.95 -1.22	102.09 -0.71 -1.24	100.86 -0.61 0.06	112.06 -0.79 0.31	131.62 -0.80 0.74	145.00 -0.88 0.00	141.74 -0.86 1.05	113.62 -0.69 0.41	95.53 -0.48 0.00	80.36 -1.06 0.00	64.48 -0.78 0.00
BROOKHAVEN___DRP 24191	63.23 3.92 0.00	55.98 3.17 0.00	52.29 3.01 0.00	51.44 2.54 0.00	51.71 2.18 0.00	51.59 2.74 0.00	51.35 2.91 0.00	53.36 3.91 0.00	59.14 5.08 0.00	66.10 6.28 -0.03	70.54 5.04 0.00	93.50 6.71 -4.01	103.96 10.34 -1.26	168.37 11.34 -61.78	221.80 12.09 -108.15	299.81 10.86 -187.41	365.55 12.79 -239.60	402.42 15.58 -253.68	315.78 16.78 -153.13	246.14 17.24 -85.25	152.06 13.54 -23.80	107.07 9.50 -1.56	85.74 4.32 0.00	69.18 3.92 0.00
BROOKLYN_NAVY_YARD 23515	62.17 2.85 0.00	55.66 2.85 0.00	52.09 2.81 0.00	51.53 2.64 0.00	52.06 2.52 0.00	51.93 3.08 0.00	51.89 3.44 0.00	53.70 4.25 0.00	58.54 4.48 0.00	65.09 5.26 -0.03	70.80 5.30 0.00	89.91 7.12 0.00	104.28 9.89 -2.04	153.90 10.86 -47.79	214.66 11.67 -101.42	300.82 11.67 -187.62	363.82 13.23 -237.42	416.45 15.44 -267.85	324.11 16.48 -161.76	217.72 15.66 -58.41	154.72 11.93 -28.07	106.59 9.02 -1.56	87.36 5.94 0.00	69.77 4.50 0.00
BROOKLYN___ARMY_DRP 323595	62.40 3.08 0.00	55.98 3.17 0.00	52.49 3.20 0.00	51.97 3.08 0.00	52.41 2.87 0.00	52.22 3.37 0.00	52.13 3.68 0.00	53.46 4.01 0.00	58.38 4.32 0.00	64.61 4.78 -0.03	70.48 4.98 0.00	89.57 6.79 0.00	103.59 9.60 -1.63	151.56 10.00 -46.30	210.89 10.77 -98.56	299.67 10.66 -187.47	360.98 12.11 -235.71	406.73 14.12 -259.46	258.37 15.03 -97.47	208.79 14.22 -50.91	151.25 10.90 -25.63	106.02 8.45 -1.56	87.04 5.62 0.00	69.51 4.24 0.00
BROOME_2_LFGE 323671	59.74 0.42 0.00	52.97 0.16 0.00	49.29 0.00 0.00	48.70 -0.19 0.00	49.34 -0.20 0.00	49.10 0.25 0.00	48.69 0.24 0.00	49.50 0.05 0.00	54.33 0.27 0.00	59.98 0.18 0.00	65.76 0.26 0.00	83.03 0.25 0.00	92.81 0.46 0.01	99.87 0.67 -3.94	107.90 0.81 -5.53	111.66 1.02 -9.11	120.14 1.47 -5.51	139.25 2.12 -3.96	163.89 2.04 -15.97	158.56 1.86 -13.05	125.26 1.61 -8.93	97.93 1.34 -0.58	81.75 0.33 0.00	65.92 0.65 0.00
BROOME___LFGE 323600	59.74 0.42 0.00	52.97 0.16 0.00	49.29 0.00 0.00	48.70 -0.19 0.00	49.34 -0.20 0.00	49.10 0.25 0.00	48.69 0.24 0.00	49.50 0.05 0.00	54.33 0.27 0.00	59.98 0.18 0.00	65.76 0.26 0.00	83.03 0.25 0.00	92.81 0.46 0.01	99.87 0.67 -3.94	107.90 0.81 -5.53	111.66 1.02 -9.11	120.14 1.47 -5.51	139.25 2.12 -3.96	163.89 2.04 -15.97	158.56 1.86 -13.05	125.26 1.61 -8.93	97.93 1.34 -0.58	81.75 0.33 0.00	65.92 0.65 0.00
BROWNFLS_115KV_TB_3_5 80003	60.03 0.71 0.00	53.29 0.48 0.00	49.68 0.39 0.00	49.38 0.49 0.00	50.13 0.59 0.00	49.19 0.34 0.00	48.83 0.39 0.00	49.75 0.30 0.00	54.16 0.11 0.00	59.80 0.00 0.00	65.43 -0.07 0.00	82.21 -0.58 0.00	90.60 -1.75 0.00	93.42 -2.19 -0.36	97.35 -3.35 0.86	97.47 -2.74 1.33	103.53 -3.17 6.46	114.36 -3.33 15.47	143.69 -2.19 0.00	120.37 -1.58 21.71	105.39 -0.80 8.52	95.53 -0.48 0.00	82.40 0.98 0.00	66.05 0.78 0.00
BROWNSV1_27_KV_LOAD 356125	62.82 3.50 0.00	56.19 3.38 0.00	52.54 3.25 0.00	51.97 3.08 0.00	52.51 2.97 0.00	52.37 3.52 0.00	52.32 3.88 0.00	53.95 4.50 0.00	59.08 5.03 0.00	65.62 5.80 -0.03	71.59 6.09 0.00	90.98 8.20 0.00	105.07 11.08 -1.63	153.50 12.00 -46.24	212.97 12.90 -98.51	301.85 13.00 -187.32	363.23 14.71 -235.36	409.39 17.18 -259.05	319.53 18.38 -155.27	215.33 17.53 -54.15	154.55 13.31 -26.52	107.84 10.27 -1.56	88.26 6.84 0.00	70.49 5.22 0.00
BURROWS___LYONSDAL 23803	60.68 1.36 0.00	53.87 1.06 0.00	50.17 0.89 0.00	49.87 0.98 0.00	50.62 1.09 0.00	50.07 1.22 0.00	49.80 1.36 0.00	50.84 1.38 0.00	55.46 1.41 0.00	61.23 1.44 0.00	67.14 1.64 0.00	84.77 1.99 0.00	94.02 1.66 0.00	97.39 1.71 -0.42	103.08 1.42 -0.10	103.30 2.13 0.37	113.74 2.38 1.80	132.19 3.33 4.30	150.84 4.96 0.00	142.39 4.74 6.00	116.61 4.24 2.36	99.75 3.74 0.00	84.43 3.01 0.00	67.55 2.28 0.00
CAITHNESS_CC_1 323624	63.54 4.21 -0.01	56.57 3.75 0.00	52.84 3.55 0.00	51.98 3.08 0.00	52.26 2.72 0.00	52.12 3.27 0.00	52.03 3.58 0.00	54.10 4.65 0.00	59.42 5.35 -0.01	66.41 6.58 -0.04	70.67 5.17 0.00	93.21 6.46 -3.96	103.77 10.16 -1.26	167.34 11.04 -61.04	221.00 11.88 -107.56	299.70 10.76 -187.41	365.28 12.56 -239.55	402.10 15.31 -253.63	315.42 16.48 -153.06	244.20 16.66 -83.89	151.59 13.07 -23.79	106.79 9.22 -1.56	85.57 4.15 0.00	69.05 3.78 0.00
CALPINE BETH_PAGE_GT4 24209	63.18 3.86 0.00	56.09 3.27 0.00	52.39 3.10 0.00	51.68 2.79 0.00	52.01 2.48 0.00	51.88 3.03 0.00	51.69 3.25 0.00	53.55 4.10 0.00	59.08 5.03 0.00	65.80 5.98 -0.03	70.61 5.11 0.00	99.49 7.12 -9.58	105.03 10.25 -2.42	151.39 11.24 -44.89	209.47 12.19 -95.72	301.34 12.18 -187.62	384.89 13.92 -257.81	431.38 16.51 -281.71	343.03 17.65 -179.50	235.16 16.66 -74.85	152.25 12.62 -24.91	106.69 9.12 -1.56	85.98 4.56 0.00	68.99 3.72 0.00
CALPINE_BETH_PAGE_GT_4 323586	63.24 3.91 -0.01	56.41 3.59 0.00	52.73 3.45 0.00	51.98 3.08 0.00	52.31 2.77 0.00	52.17 3.32 0.00	52.08 3.64 0.00	54.05 4.60 0.00	59.14 5.08 -0.01	65.93 6.10 -0.04	70.74 5.24 0.00	99.40 7.03 -9.58	105.03 10.25 -2.42	151.39 11.23 -44.90	209.47 12.18 -95.73	301.34 12.18 -187.62	384.87 13.92 -257.79	431.37 16.51 -281.70	343.00 17.64 -179.48	235.13 16.66 -74.82	152.36 12.73 -24.91	106.69 9.13 -1.56	85.98 4.56 0.00	68.99 3.72 0.00
CALPINE_BP_GT1 23823	63.24 3.91 -0.01	56.41 3.59 0.00	52.73 3.45 0.00	51.98 3.08 0.00	52.31 2.77 0.00	52.17 3.32 0.00	52.08 3.64 0.00	54.05 4.60 0.00	59.14 5.08 -0.01	65.93 6.10 -0.04	70.74 5.24 0.00	99.40 7.03 -9.58	105.03 10.25 -2.42	151.39 11.23 -44.90	209.47 12.18 -95.73	301.34 12.18 -187.62	384.87 13.92 -257.79	431.37 16.51 -281.70	343.00 17.64 -179.48	235.13 16.66 -74.82	152.36 12.73 -24.91	106.69 9.13 -1.56	85.98 4.56 0.00	68.99 3.72 0.00
CALSPAN___DRP 24200	58.07 -1.25 0.00	51.18 -1.64 0.00	47.12 -2.17 0.00	46.01 -2.88 0.00	46.51 -3.02 0.00	46.51 -2.34 0.00	45.93 -2.52 0.00	46.73 -2.72 0.00	51.08 -2.97 0.00	55.85 -3.95 0.00	61.44 -4.06 0.00	76.99 -5.79 0.00	85.04 -7.30 0.02	88.81 -7.33 -0.89	97.08 -6.91 -2.42	99.80 -6.19 -4.45	109.27 -6.45 -2.56	128.40 -6.66 -1.90	144.93 -8.61 -7.66	141.09 -8.33 -5.77	113.27 -5.74 -4.28	90.91 -5.38 -0.28	76.53 -4.89 0.00	62.85 -2.41 0.00

CALVERTON___SOLAR 323806	63.66 4.33 -0.01	56.67 3.85 0.00	52.88 3.60 0.00	52.03 3.13 0.00	52.26 2.72 0.00	52.17 3.32 0.00	51.98 3.53 0.00	54.15 4.70 0.00	59.52 5.46 -0.01	66.53 6.70 -0.04	70.93 5.43 0.00	93.76 6.95 -4.02	104.41 10.80 -1.26	169.13 11.81 -62.07	222.44 12.49 -108.39	300.12 11.17 -187.41	365.88 13.12 -239.59	402.95 16.11 -253.69	316.34 17.35 -153.11	247.33 17.95 -85.72	152.62 14.11 -23.79	107.46 9.89 -1.56	86.06 4.64 0.00	69.45 4.18 0.00
CANDIGU_WT_PWR 323617	58.43 -0.89 0.00	51.50 -1.32 0.00	47.71 -1.58 0.00	46.79 -2.10 0.00	47.31 -2.23 0.00	47.34 -1.51 0.00	46.75 -1.70 0.00	47.23 -2.22 0.00	51.95 -2.11 0.00	56.99 -2.81 0.00	62.62 -2.88 0.00	78.90 -3.89 0.00	87.33 -4.99 0.03	90.86 -4.85 -0.46	100.40 -4.77 -3.61	103.52 -4.06 -6.05	112.66 -4.07 -3.57	132.52 -3.20 -2.56	152.38 -3.79 -10.30	149.03 -3.02 -8.40	118.87 -1.61 -5.76	94.75 -1.63 -0.37	79.39 -2.03 0.00	64.68 -0.59 0.00
CARR STREET_E_SYR 24060	58.97 -0.35 0.00	52.34 -0.48 0.00	48.74 -0.54 0.00	48.21 -0.68 0.00	48.84 -0.69 0.00	48.46 -0.39 0.00	48.11 -0.34 0.00	49.11 -0.34 0.00	53.89 -0.16 0.00	59.50 -0.30 0.00	65.37 -0.13 0.00	82.54 -0.25 0.00	92.08 -0.28 0.00	96.45 -0.19 -1.38	103.09 0.10 -1.43	101.58 0.10 0.05	113.01 0.11 0.26	132.80 0.27 0.63	146.02 0.15 0.00	142.77 0.00 0.88	114.38 0.00 0.35	96.01 0.00 0.00	80.85 -0.57 0.00	64.88 -0.39 0.00
CARTHAGE___PAPER 23857	61.16 1.84 0.00	54.19 1.37 0.00	50.42 1.13 0.00	50.16 1.27 0.00	50.92 1.38 0.00	50.37 1.52 0.00	50.09 1.65 0.00	50.99 1.53 0.00	55.52 1.46 0.00	61.11 1.31 0.00	66.94 1.44 0.00	84.35 1.57 0.00	93.18 0.83 0.00	96.68 0.76 -0.66	101.82 0.10 -0.15	101.96 1.02 0.59	111.40 1.13 2.90	128.36 2.12 6.92	150.40 4.53 0.00	138.95 5.03 9.73	115.61 4.71 3.82	100.43 4.42 0.00	85.09 3.67 0.00	68.01 2.74 0.00
CASSADAGA_WT_PWR 323784	58.31 -1.01 0.00	51.28 -1.53 0.00	47.22 -2.07 0.00	46.06 -2.84 0.00	46.51 -3.02 0.00	46.85 -2.00 0.00	46.31 -2.13 0.00	46.98 -2.47 0.00	52.32 -1.73 0.00	57.52 -2.27 0.00	63.40 -2.10 0.00	79.47 -3.31 0.00	87.90 -4.43 0.02	91.65 -4.48 -0.87	99.84 -4.36 -2.64	103.46 -2.84 -4.77	113.37 -2.60 -2.81	132.63 -2.53 -2.00	150.01 -3.93 -8.06	146.43 -3.30 -6.07	117.39 -1.84 -4.51	94.10 -2.20 -0.29	78.98 -2.44 0.00	64.94 -0.32 0.00
CE_DUNWOOD___DRP 24194	61.99 2.67 0.00	55.35 2.54 0.00	51.75 2.46 0.00	51.24 2.35 0.00	51.76 2.23 0.00	51.64 2.78 0.00	51.45 3.00 0.00	52.96 3.51 0.00	58.00 3.95 0.00	64.49 4.66 -0.03	70.28 4.78 0.00	89.24 6.46 0.00	102.85 8.87 -1.63	149.29 9.81 -44.23	209.22 10.66 -97.00	294.80 10.76 -182.50	348.86 12.22 -223.47	392.74 14.25 -245.33	309.07 15.17 -148.02	211.17 14.37 -53.15	151.99 10.78 -26.48	105.82 8.26 -1.56	86.63 5.21 0.00	69.31 4.05 0.00
CE_MILLWOOD___DRP 24193	61.87 2.55 0.00	55.24 2.43 0.00	51.60 2.32 0.00	51.09 2.20 0.00	51.66 2.13 0.00	51.49 2.64 0.00	51.30 2.86 0.00	52.81 3.36 0.00	57.84 3.78 0.00	64.25 4.42 -0.03	70.08 4.58 0.00	88.99 6.21 0.00	102.47 8.50 -1.62	146.56 9.43 -41.87	203.85 10.26 -92.03	283.70 10.25 -171.91	331.62 11.66 -206.80	373.13 13.58 -226.39	299.55 14.44 -139.23	209.36 13.79 -51.91	151.44 10.32 -26.39	105.53 7.97 -1.55	86.47 5.05 0.00	69.12 3.85 0.00
CE_NYC2_DRP 24202	62.23 2.91 0.00	55.88 3.06 0.00	52.29 3.01 0.00	51.78 2.88 0.00	52.31 2.77 0.00	52.12 3.27 0.00	52.03 3.58 0.00	53.46 4.01 0.00	58.38 4.32 0.00	64.49 4.66 -0.03	70.28 4.78 0.00	89.33 6.54 0.00	103.31 9.33 -1.63	151.56 10.00 -46.30	210.89 10.77 -98.56	299.87 10.86 -187.47	361.09 12.22 -235.71	406.87 14.25 -259.46	258.52 15.17 -97.47	209.08 14.51 -50.91	151.25 10.90 -25.63	105.83 8.26 -1.56	86.71 5.29 0.00	69.25 3.98 0.00
CE_NYC_DRP 24195	62.29 2.97 0.00	55.72 2.90 0.00	52.14 2.86 0.00	51.58 2.69 0.00	52.11 2.58 0.00	51.98 3.13 0.00	51.89 3.44 0.00	53.51 4.05 0.00	58.54 4.49 0.00	65.09 5.26 -0.03	70.93 5.44 0.00	90.07 7.29 0.00	104.05 10.07 -1.63	152.44 10.95 -46.23	211.85 11.78 -98.50	300.60 11.78 -187.29	361.79 13.35 -235.28	407.57 15.45 -258.96	317.59 16.48 -155.23	213.46 15.66 -54.14	153.17 11.93 -26.52	106.69 9.12 -1.56	87.36 5.94 0.00	69.77 4.50 0.00
CHAFFEE___LFGE 323603	58.25 -1.07 0.00	51.23 -1.58 0.00	47.31 -1.97 0.00	46.11 -2.78 0.00	46.56 -2.97 0.00	46.65 -2.20 0.00	45.83 -2.62 0.00	46.24 -3.21 0.00	51.35 -2.70 0.00	56.15 -3.65 0.00	61.77 -3.73 0.00	77.57 -5.21 0.00	85.60 -6.74 0.02	89.37 -6.76 -0.88	97.61 -6.50 -2.55	100.39 -5.78 -4.63	110.00 -5.89 -2.73	129.39 -5.72 -1.95	146.02 -7.74 -7.88	141.97 -7.62 -5.93	113.85 -5.28 -4.40	91.30 -5.00 -0.29	76.78 -4.64 0.00	63.12 -2.15 0.00
CHATEAUG_35_KV_LOAD 355732	58.25 -1.07 0.00	51.97 -0.85 0.00	48.64 -0.64 0.00	48.36 -0.54 0.00	49.09 -0.45 0.00	47.87 -0.98 0.00	47.48 -0.97 0.00	48.51 -0.94 0.00	52.87 -1.19 0.00	58.60 -1.20 0.00	63.99 -1.51 0.00	80.96 -1.82 0.00	89.49 -2.86 0.00	91.73 -3.52 0.00	97.03 -4.37 0.17	97.40 -3.96 0.18	107.88 -4.41 0.87	125.89 -5.19 2.08	140.77 -5.11 0.00	136.72 -4.02 2.91	110.71 -2.87 1.14	93.22 -2.78 0.00	80.52 -0.90 0.00	64.62 -0.65 0.00
CHATEAUG_WT_PWR 323614	58.13 -1.19 0.00	51.87 -0.95 0.00	48.55 -0.74 0.00	48.26 -0.64 0.00	48.99 -0.54 0.00	47.82 -1.03 0.00	47.48 -0.97 0.00	48.51 -0.94 0.00	52.92 -1.14 0.00	58.42 -1.37 0.00	64.06 -1.44 0.00	81.04 -1.74 0.00	89.59 -2.77 0.00	91.83 -3.43 0.00	97.39 -4.17 0.00	97.78 -3.75 0.00	108.86 -4.30 0.00	127.97 -5.20 0.00	140.77 -5.11 0.00	139.48 -4.17 0.00	111.63 -3.09 0.00	93.22 -2.79 0.00	80.36 -1.06 0.00	64.49 -0.78 0.00
CHAT_HIGH_FALL_HYD 323578	58.25 -1.07 0.00	51.97 -0.85 0.00	48.64 -0.64 0.00	48.36 -0.54 0.00	49.09 -0.45 0.00	47.87 -0.98 0.00	47.48 -0.97 0.00	48.51 -0.94 0.00	52.87 -1.19 0.00	58.60 -1.20 0.00	63.99 -1.51 0.00	80.96 -1.82 0.00	89.49 -2.86 0.00	91.73 -3.52 0.00	97.03 -4.37 0.17	97.40 -3.96 0.18	107.88 -4.41 0.87	125.89 -5.19 2.08	140.77 -5.11 0.00	136.72 -4.02 2.91	110.71 -2.87 1.14	93.22 -2.78 0.00	80.52 -0.90 0.00	64.62 -0.65 0.00
CHAUTAUQUA___LFGE 323629	58.49 -0.83 0.00	51.44 -1.37 0.00	47.46 -1.82 0.00	46.25 -2.64 0.00	46.76 -2.77 0.00	46.99 -1.86 0.00	46.27 -2.18 0.00	46.53 -2.92 0.00	51.73 -2.32 0.00	56.63 -3.17 0.00	62.36 -3.14 0.00	78.23 -4.55 0.00	86.33 -6.00 0.02	90.13 -6.00 -0.88	98.51 -5.59 -2.53	101.48 -4.67 -4.62	111.24 -4.64 -2.72	131.12 -3.99 -1.95	148.21 -5.54 -7.88	144.42 -5.17 -5.93	115.91 -3.21 -4.40	92.93 -3.36 -0.29	78.16 -3.26 0.00	64.22 -1.05 0.00
CHERRYST_13_KV_LD 356241	62.52 3.20 0.00	55.93 3.12 0.00	52.29 3.01 0.00	51.78 2.88 0.00	52.31 2.77 0.00	52.17 3.32 0.00	52.08 3.63 0.00	53.75 4.30 0.00	58.87 4.81 0.00	65.39 5.56 -0.03	71.33 5.83 0.00	90.57 7.78 0.00	104.60 10.62 -1.63	153.01 11.53 -46.23	212.46 12.39 -98.50	301.22 12.39 -187.29	362.48 14.03 -235.28	408.38 16.25 -258.97	318.47 17.36 -155.23	214.17 16.38 -54.14	153.63 12.39 -26.52	107.07 9.50 -1.56	87.69 6.27 0.00	70.03 4.76 0.00

CHESTROR_138KV_BK263 355645	61.34 2.02 0.00	54.72 1.90 0.00	51.11 1.82 0.00	50.60 1.71 0.00	51.22 1.68 0.00	51.00 2.15 0.00	50.77 2.33 0.00	52.07 2.62 0.00	57.03 2.97 0.00	63.26 3.47 0.00	69.17 3.67 0.00	87.67 4.88 0.00	100.53 6.83 -1.34	131.32 7.62 -28.44	134.54 8.23 -24.75	161.66 8.33 -51.80	204.04 9.51 -81.37	231.51 11.05 -87.30	243.71 11.82 -86.02	197.84 11.21 -42.98	147.56 8.37 -24.46	104.09 6.62 -1.46	85.57 4.15 0.00	68.47 3.20 0.00
CH_MIDHUDSON___DRP 24192	61.93 2.61 0.00	55.24 2.43 0.00	51.60 2.32 0.00	51.09 2.20 0.00	51.71 2.18 0.00	51.49 2.64 0.00	51.30 2.86 0.00	52.66 3.21 0.00	57.62 3.57 0.00	63.98 4.19 0.00	69.95 4.45 0.00	88.66 5.88 0.00	101.84 8.03 -1.45	121.47 8.95 -17.26	131.52 9.75 -20.21	140.52 9.75 -29.24	134.45 11.20 -10.09	150.11 13.05 -3.90	204.92 13.86 -45.18	197.73 13.07 -41.00	151.70 9.87 -27.11	105.40 7.78 -1.62	86.47 5.05 0.00	69.25 3.98 0.00
CH_MISC_IPPS 23765	62.28 2.96 0.00	55.56 2.74 0.00	51.90 2.61 0.00	51.34 2.44 0.00	51.96 2.43 0.00	51.73 2.88 0.00	51.59 3.15 0.00	53.06 3.61 0.00	57.89 3.84 0.00	64.40 4.60 0.00	70.34 4.85 0.00	89.16 6.37 0.00	102.34 8.68 -1.31	123.22 9.72 -18.24	132.56 10.46 -20.53	143.75 10.66 -31.56	143.90 12.23 -18.51	161.31 14.26 -13.89	210.24 15.03 -49.34	198.50 14.36 -40.48	152.04 10.90 -26.42	106.14 8.54 -1.59	87.12 5.70 0.00	69.64 4.37 0.00
CH_RES_BVR_FALLS 23983	58.67 -0.65 0.00	52.23 -0.58 0.00	48.79 -0.49 0.00	48.45 -0.44 0.00	49.14 -0.40 0.00	48.31 -0.54 0.00	47.91 -0.53 0.00	48.96 -0.49 0.00	53.46 -0.59 0.00	59.14 -0.66 0.00	64.78 -0.72 0.00	81.88 -0.91 0.00	91.15 -1.20 0.00	93.35 -1.90 0.00	99.29 -2.33 -0.06	99.36 -2.23 -0.06	110.98 -2.49 -0.31	130.98 -2.93 -0.75	142.81 -3.07 0.00	141.97 -2.73 -1.05	112.95 -2.18 -0.41	94.28 -1.73 0.00	80.93 -0.49 0.00	64.88 -0.39 0.00
CH_RES_NIAGARA 23895	56.00 -3.32 0.00	49.38 -3.43 0.00	45.49 -3.79 0.00	44.44 -4.45 0.00	44.93 -4.61 0.00	44.89 -3.96 0.00	44.28 -4.17 0.00	45.20 -4.25 0.00	49.30 -4.76 0.00	53.76 -6.04 0.00	59.01 -6.48 0.00	73.84 -8.94 0.00	80.98 -11.36 0.02	84.66 -11.53 -0.93	93.02 -10.66 -2.12	94.84 -10.76 -4.06	103.96 -11.54 -2.34	122.24 -12.65 -1.73	137.25 -15.61 -6.98	133.25 -15.66 -5.26	107.27 -11.36 -3.91	86.66 -9.60 -0.25	73.20 -8.22 0.00	60.18 -5.09 0.00
CH_RES_SYRACUSE 23985	59.38 0.06 0.00	52.71 -0.11 0.00	49.04 -0.25 0.00	48.50 -0.39 0.00	49.14 -0.40 0.00	48.75 -0.10 0.00	48.40 -0.05 0.00	49.40 -0.05 0.00	54.22 0.16 0.00	59.62 -0.18 0.00	65.37 -0.13 0.00	82.62 -0.17 0.00	92.08 -0.28 0.00	96.73 -0.10 -1.57	103.30 0.10 -1.64	101.69 0.20 0.05	113.05 0.11 0.22	133.02 0.40 0.55	146.17 0.29 0.00	143.03 0.14 0.77	114.53 0.11 0.30	96.20 0.19 0.00	80.93 -0.49 0.00	64.94 -0.32 0.00
CLINTON_WT_PWR 323605	58.13 -1.19 0.00	51.87 -0.95 0.00	48.55 -0.74 0.00	48.26 -0.64 0.00	48.99 -0.54 0.00	47.82 -1.03 0.00	47.48 -0.97 0.00	48.51 -0.94 0.00	52.92 -1.14 0.00	58.42 -1.37 0.00	64.06 -1.44 0.00	81.04 -1.74 0.00	89.59 -2.77 0.00	91.83 -3.43 0.00	97.39 -4.17 0.00	97.78 -3.75 0.00	108.86 -4.30 0.00	127.97 -5.20 0.00	140.77 -5.11 0.00	139.48 -4.17 0.00	111.63 -3.09 0.00	93.22 -2.79 0.00	80.36 -1.06 0.00	64.49 -0.78 0.00
CLINTON___LFGE 323618	58.67 -0.65 0.00	52.29 -0.53 0.00	48.94 -0.34 0.00	48.65 -0.24 0.00	49.43 -0.10 0.00	48.27 -0.58 0.00	47.91 -0.53 0.00	48.96 -0.49 0.00	53.41 -0.65 0.00	58.84 -0.96 0.00	64.45 -1.05 0.00	81.55 -1.24 0.00	90.14 -2.22 0.00	92.12 -3.14 0.00	97.67 -3.86 0.04	98.04 -3.45 0.04	109.24 -3.73 0.19	128.04 -4.66 0.46	141.50 -4.37 0.00	139.85 -3.16 0.64	112.41 -2.06 0.25	93.80 -2.20 0.00	81.01 -0.41 0.00	64.94 -0.32 0.00
COBBLENY_34_KV_TB1 80064	58.31 -1.01 0.00	51.39 -1.43 0.00	47.31 -1.97 0.00	46.16 -2.74 0.00	46.66 -2.87 0.00	46.65 -2.20 0.00	46.12 -2.33 0.00	46.93 -2.52 0.00	51.35 -2.70 0.00	56.15 -3.65 0.00	61.76 -3.73 0.00	77.49 -5.30 0.00	85.59 -6.74 0.02	89.37 -6.76 -0.88	97.61 -6.50 -2.55	100.48 -5.69 -4.63	109.94 -5.88 -2.67	129.15 -5.99 -1.98	146.12 -7.73 -7.97	142.04 -7.61 -6.00	114.02 -5.16 -4.46	91.31 -4.99 -0.29	76.78 -4.64 0.00	63.11 -2.15 0.00
COFFEEN___115KV_TB3 355620	62.23 2.91 0.00	55.09 2.27 0.00	51.16 1.87 0.00	50.90 2.00 0.00	51.71 2.18 0.00	51.24 2.39 0.00	51.01 2.57 0.00	51.97 2.52 0.00	56.54 2.49 0.00	62.19 2.39 0.00	68.18 2.69 0.00	85.93 3.15 0.00	95.12 2.77 0.00	98.79 2.76 -0.77	104.17 2.23 -0.37	104.09 3.05 0.49	114.17 3.39 2.39	132.36 4.93 5.73	153.61 7.73 8.03	144.25 8.62 8.03	119.26 7.69 3.15	102.92 6.91 0.00	86.63 5.21 0.00	69.25 3.98 0.00
COLDSPRG_115KV_BK1 355956	58.96 -0.36 0.00	51.97 -0.85 0.00	47.86 -1.43 0.00	46.64 -2.25 0.00	47.16 -2.38 0.00	47.39 -1.47 0.00	47.04 -1.40 0.00	48.12 -1.34 0.00	52.92 -1.14 0.00	58.06 -1.73 0.00	63.93 -1.57 0.00	80.14 -2.65 0.00	89.01 -3.32 0.02	92.66 -3.43 -0.84	100.29 -4.06 -2.79	104.37 -2.13 -4.97	114.10 -1.92 -2.86	132.75 -2.53 -2.12	150.77 -3.65 -8.54	147.07 -3.02 -6.43	117.89 -1.61 -4.78	94.21 -2.11 -0.31	78.98 -2.44 0.00	64.94 -0.33 0.00
COLONIE_LFGE___ 323577	61.57 2.25 0.00	54.93 2.11 0.00	51.26 1.97 0.00	50.90 2.01 0.00	51.52 1.98 0.00	51.15 2.30 0.00	50.82 2.37 0.00	51.92 2.47 0.00	56.65 2.59 0.00	63.23 2.99 -0.44	68.71 3.21 0.00	86.76 3.97 0.00	109.18 5.17 -11.66	144.77 5.52 -43.99	158.42 6.09 -50.77	244.94 6.09 -137.32	195.83 6.90 -75.76	196.93 8.12 -55.65	422.70 8.90 -267.92	429.23 8.47 -277.11	330.28 6.54 -209.02	146.83 5.37 -45.45	85.25 3.83 0.00	68.47 3.20 0.00
COOPERNY_115KV_TB1 80082	60.74 1.42 0.00	54.14 1.32 0.00	50.57 1.28 0.00	50.12 1.22 0.00	50.77 1.24 0.00	50.46 1.61 0.00	50.19 1.74 0.00	51.38 1.93 0.00	56.27 2.22 0.00	62.37 2.57 0.00	68.18 2.69 0.00	86.43 3.64 0.00	98.22 5.08 -0.79	119.37 5.72 -18.39	125.35 6.20 -17.59	140.85 6.19 -33.12	162.49 7.02 -42.31	184.91 8.26 -43.50	209.03 8.75 -54.40	184.08 8.33 -32.09	140.64 6.31 -19.61	102.10 4.90 -1.20	84.43 3.01 0.00	67.62 2.35 0.00
COPENHAGEN_WT_PWR 323753	61.45 2.13 0.00	54.45 1.64 0.00	50.62 1.33 0.00	50.31 1.42 0.00	51.07 1.54 0.00	50.61 1.76 0.00	50.33 1.89 0.00	51.23 1.78 0.00	55.89 1.84 0.00	61.53 1.74 0.00	67.46 1.96 0.00	85.02 2.24 0.00	94.20 1.85 0.00	97.87 1.81 -0.80	103.41 1.42 -0.43	103.21 2.14 0.46	113.17 2.26 2.26	131.23 3.46 5.39	151.56 5.68 0.00	142.39 6.31 7.57	117.37 5.62 2.97	101.29 5.28 0.00	85.41 3.99 0.00	68.27 3.00 0.00
CORNELL_____ 23752	60.68 1.36 0.00	53.82 1.00 0.00	50.02 0.74 0.00	49.43 0.54 0.00	50.08 0.54 0.00	49.83 0.98 0.00	49.56 1.11 0.00	50.59 1.14 0.00	55.30 1.24 0.00	60.87 1.08 0.00	66.74 1.24 0.00	84.28 1.49 0.00	94.10 1.66 -0.09	108.42 1.81 -11.35	107.80 2.23 -4.01	110.94 2.44 -6.97	119.89 2.72 -4.01	139.82 3.86 -2.80	161.83 4.67 -11.28	157.66 4.74 -9.27	124.93 3.90 -6.31	99.68 3.26 -0.41	83.29 1.87 0.00	66.90 1.63 0.00

CORONA_69_KV_TB1 355595	63.53 4.21 0.00	56.46 3.64 0.00	52.69 3.40 0.00	52.12 3.23 0.00	52.46 2.92 0.00	52.32 3.47 0.00	52.08 3.63 0.00	53.85 4.40 0.00	59.35 5.30 0.00	66.04 6.22 -0.03	71.39 5.89 0.00	134.29 8.20 -43.31	111.86 11.17 -8.33	157.11 12.19 -49.66	219.24 13.00 -104.68	303.06 13.00 -188.53	471.48 14.82 -343.49	564.29 17.84 -413.29	468.99 19.11 -304.01	346.04 18.10 -184.28	158.34 13.88 -29.74	107.84 10.27 -1.56	87.20 5.78 0.00	69.90 4.63 0.00
CORTLAND_115KV_TB3 80093	59.91 0.59 0.00	53.18 0.37 0.00	49.48 0.20 0.00	48.89 0.00 0.00	49.53 0.00 0.00	49.24 0.39 0.00	48.93 0.48 0.00	49.90 0.45 0.00	54.60 0.54 0.00	60.22 0.42 0.00	66.02 0.52 0.00	83.36 0.58 0.00	93.12 0.74 -0.03	101.72 0.95 -5.51	106.31 1.22 -3.53	108.67 1.42 -5.71	118.03 1.58 -3.28	138.19 2.66 -2.36	158.60 3.21 -9.52	153.84 3.16 -7.03	122.28 2.52 -5.03	98.47 2.11 -0.34	82.56 1.14 0.00	66.31 1.04 0.00
COXSACKIE___GT 23611	62.34 3.02 0.00	55.56 2.74 0.00	51.80 2.51 0.00	51.29 2.40 0.00	52.01 2.48 0.00	51.63 2.78 0.00	51.35 2.91 0.00	52.37 2.92 0.00	56.60 2.54 0.00	62.29 2.99 0.49	68.29 2.81 0.02	85.99 3.23 0.02	81.75 5.08 15.68	82.22 5.72 18.76	91.28 6.40 16.69	91.60 6.80 16.74	103.00 8.15 18.32	121.84 10.25 21.58	148.84 11.96 9.00	138.73 11.92 16.84	117.34 9.52 6.89	94.78 7.87 9.10	86.79 5.37 0.00	69.51 4.24 0.00
CPV_VALLEY___CC1 323721	60.86 1.54 0.00	54.29 1.48 0.00	50.76 1.48 0.00	50.26 1.37 0.00	50.87 1.34 0.00	50.61 1.76 0.00	50.39 1.94 0.00	51.78 2.32 0.00	56.54 2.49 0.00	62.79 2.99 0.00	68.58 3.08 0.00	86.92 4.14 0.00	99.45 5.92 -1.18	124.90 6.67 -22.98	130.24 7.21 -21.46	150.27 7.21 -41.53	177.86 8.26 -56.44	201.66 9.59 -58.91	223.67 10.06 -67.74	191.43 9.63 -38.15	144.64 7.23 -22.69	102.93 5.57 -1.36	84.84 3.42 0.00	67.88 2.61 0.00
CPV_VALLEY___CC2 323722	60.86 1.54 0.00	54.29 1.48 0.00	50.76 1.48 0.00	50.26 1.37 0.00	50.87 1.34 0.00	50.61 1.76 0.00	50.39 1.94 0.00	51.78 2.32 0.00	56.54 2.49 0.00	62.79 2.99 0.00	68.58 3.08 0.00	86.92 4.14 0.00	99.45 5.92 -1.18	124.90 6.67 -22.98	130.24 7.21 -21.46	150.27 7.21 -41.53	177.86 8.26 -56.44	201.66 9.59 -58.91	223.67 10.06 -67.74	191.43 9.63 -38.15	144.64 7.23 -22.69	102.93 5.57 -1.36	84.84 3.42 0.00	67.88 2.61 0.00
CRESCENT___HYD 24018	61.57 2.25 0.00	54.93 2.11 0.00	51.26 1.97 0.00	50.90 2.01 0.00	51.52 1.98 0.00	51.15 2.30 0.00	50.82 2.37 0.00	51.92 2.47 0.00	56.65 2.59 0.00	63.23 2.99 -0.44	68.71 3.21 0.00	86.76 3.97 0.00	109.18 5.17 -11.66	144.77 5.52 -43.99	158.42 6.09 -50.77	244.94 6.09 -137.32	195.83 6.90 -75.76	196.93 8.12 -55.65	422.70 8.90 -267.92	429.23 8.47 -277.11	330.28 6.54 -209.02	146.83 5.37 -45.45	85.25 3.83 0.00	68.47 3.20 0.00
CRICKET___VALLEY_CC1 323756	61.16 1.84 0.00	54.66 1.85 0.00	51.06 1.77 0.00	50.65 1.76 0.00	51.22 1.69 0.00	50.95 2.10 0.00	50.77 2.33 0.00	52.17 2.72 0.00	56.97 2.92 0.00	63.32 3.47 -0.06	69.03 3.53 0.00	87.34 4.55 0.00	101.16 6.56 -2.25	120.18 7.24 -17.68	131.52 7.93 -22.03	140.41 7.92 -30.95	124.72 9.06 -2.50	137.67 10.52 6.01	201.74 11.08 -44.78	199.87 10.35 -45.87	152.53 7.80 -30.01	103.89 6.15 -1.73	85.17 3.75 0.00	68.34 3.07 0.00
CRICKET___VALLEY_CC2 323757	61.16 1.84 0.00	54.66 1.85 0.00	51.06 1.77 0.00	50.65 1.76 0.00	51.22 1.69 0.00	50.95 2.10 0.00	50.77 2.33 0.00	52.17 2.72 0.00	56.97 2.92 0.00	63.32 3.47 -0.06	69.03 3.53 0.00	87.34 4.55 0.00	101.16 6.56 -2.25	120.18 7.24 -17.68	131.52 7.93 -22.03	140.41 7.92 -30.95	124.72 9.06 -2.50	137.67 10.52 6.01	201.74 11.08 -44.78	199.87 10.35 -45.87	152.53 7.80 -30.01	103.89 6.15 -1.73	85.17 3.75 0.00	68.34 3.07 0.00
CRICKET___VALLEY_CC3 323758	61.16 1.84 0.00	54.66 1.85 0.00	51.06 1.77 0.00	50.65 1.76 0.00	51.22 1.69 0.00	50.95 2.10 0.00	50.77 2.33 0.00	52.17 2.72 0.00	56.97 2.92 0.00	63.32 3.47 -0.06	69.03 3.53 0.00	87.34 4.55 0.00	101.16 6.56 -2.25	120.18 7.24 -17.68	131.52 7.93 -22.03	140.41 7.92 -30.95	124.72 9.06 -2.50	137.67 10.52 6.01	201.74 11.08 -44.78	199.87 10.35 -45.87	152.53 7.80 -30.01	103.89 6.15 -1.73	85.17 3.75 0.00	68.34 3.07 0.00
CRUCIBLE_METL_DRP 24180	59.38 0.06 0.00	52.71 -0.11 0.00	49.04 -0.25 0.00	48.50 -0.39 0.00	49.14 -0.40 0.00	48.75 -0.10 0.00	48.45 0.00 0.00	49.50 0.05 0.00	54.22 0.16 0.00	59.62 -0.18 0.00	65.37 -0.13 0.00	82.54 -0.25 0.00	92.08 -0.28 0.00	96.73 -0.10 -1.57	103.30 0.10 -1.64	101.69 0.20 0.05	113.05 0.11 0.22	133.02 0.40 0.54	146.17 0.29 0.00	143.03 0.14 0.77	114.53 0.11 0.30	96.20 0.19 0.00	80.93 -0.49 0.00	64.94 -0.33 0.00
DAHOWA___HYDRO 323763	62.64 3.32 0.00	55.82 3.01 0.00	52.09 2.81 0.00	51.63 2.74 0.00	52.26 2.72 0.00	51.88 3.03 0.00	51.55 3.10 0.00	52.66 3.21 0.00	57.30 3.24 0.00	63.74 3.65 -0.30	69.30 3.80 0.00	87.67 4.88 0.00	105.81 5.82 -7.64	136.38 5.91 -35.21	150.31 6.51 -42.24	240.91 6.80 -132.57	193.07 7.58 -72.32	194.14 9.06 -51.92	393.38 10.51 -237.00	386.68 10.63 -232.40	285.85 8.61 -162.52	129.71 7.00 -26.70	86.96 5.54 0.00	69.64 4.37 0.00
DANC___LFGE 323619	60.27 0.95 0.00	53.45 0.64 0.00	49.73 0.44 0.00	49.33 0.44 0.00	50.08 0.55 0.00	49.63 0.78 0.00	49.32 0.87 0.00	50.29 0.84 0.00	54.92 0.86 0.00	60.52 0.72 0.00	66.35 0.85 0.00	83.70 0.91 0.00	93.00 0.65 0.00	96.89 0.67 -0.97	102.71 0.41 -0.74	102.14 0.91 0.31	112.45 0.80 1.52	131.01 1.47 3.62	148.64 2.76 0.00	141.72 3.16 5.09	115.59 2.87 2.00	98.89 2.88 0.00	83.46 2.04 0.00	66.77 1.50 0.00
DANSKAMMER___1 23586	62.28 2.96 0.00	55.56 2.74 0.00	51.90 2.61 0.00	51.34 2.44 0.00	51.96 2.43 0.00	51.73 2.88 0.00	51.59 3.15 0.00	53.06 3.61 0.00	57.89 3.84 0.00	64.40 4.60 0.00	70.34 4.85 0.00	89.16 6.37 0.00	102.34 8.68 -1.31	123.22 9.72 -18.24	132.56 10.46 -20.53	143.75 10.66 -31.56	143.90 12.23 -18.51	161.31 14.26 -13.89	210.24 15.03 -49.34	198.50 14.36 -40.48	152.04 10.90 -26.42	106.14 8.54 -1.59	87.12 5.70 0.00	69.64 4.37 0.00
DANSKAMMER___2 23589	62.28 2.96 0.00	55.56 2.74 0.00	51.90 2.61 0.00	51.34 2.44 0.00	51.96 2.43 0.00	51.73 2.88 0.00	51.59 3.15 0.00	53.06 3.61 0.00	57.89 3.84 0.00	64.40 4.60 0.00	70.34 4.85 0.00	89.16 6.37 0.00	102.34 8.68 -1.31	123.22 9.72 -18.24	132.56 10.46 -20.53	143.75 10.66 -31.56	143.90 12.23 -18.51	161.31 14.26 -13.89	210.24 15.03 -49.34	198.50 14.36 -40.48	152.04 10.90 -26.42	106.14 8.54 -1.59	87.12 5.70 0.00	69.64 4.37 0.00
DANSKAMMER___3 23590	62.28 2.96 0.00	55.56 2.74 0.00	51.90 2.61 0.00	51.34 2.44 0.00	51.96 2.43 0.00	51.73 2.88 0.00	51.59 3.15 0.00	53.06 3.61 0.00	57.89 3.84 0.00	64.40 4.60 0.00	70.34 4.85 0.00	89.16 6.37 0.00	102.34 8.68 -1.31	123.22 9.72 -18.24	132.56 10.46 -20.53	143.75 10.66 -31.56	143.90 12.23 -18.51	161.31 14.26 -13.89	210.24 15.03 -49.34	198.50 14.36 -40.48	152.04 10.90 -26.42	106.14 8.54 -1.59	87.12 5.70 0.00	69.64 4.37 0.00

DANSKAMMER___4 23591	62.28 2.96 0.00	55.56 2.74 0.00	51.90 2.61 0.00	51.34 2.44 0.00	51.96 2.43 0.00	51.73 2.88 0.00	51.59 3.15 0.00	53.06 3.61 0.00	57.89 3.84 0.00	64.40 4.60 0.00	70.34 4.85 0.00	89.16 6.37 0.00	102.34 8.68 -1.31	123.22 9.72 -18.24	132.56 10.46 -20.53	143.75 10.66 -31.56	143.90 12.23 -18.51	161.31 14.26 -13.89	210.24 15.03 -49.34	198.50 14.36 -40.48	152.04 10.90 -26.42	106.14 8.54 -1.59	87.12 5.70 0.00	69.64 4.37 0.00
DANSKAMMER___DIESEL 23592	62.29 2.97 0.00	55.51 2.69 0.00	51.85 2.56 0.00	51.34 2.44 0.00	51.91 2.38 0.00	51.73 2.88 0.00	51.50 3.05 0.00	52.91 3.46 0.00	57.89 3.84 0.00	64.34 4.54 0.00	70.34 4.85 0.00	89.16 6.37 0.00	102.34 8.68 -1.31	123.22 9.72 -18.24	132.66 10.56 -20.53	143.75 10.66 -31.56	143.91 12.22 -18.52	161.18 14.12 -13.90	210.26 15.03 -49.36	198.53 14.37 -40.51	152.05 10.90 -26.43	106.14 8.54 -1.59	87.12 5.70 0.00	69.64 4.37 0.00
DARBY___SOLAR 323810	62.40 3.08 0.00	55.61 2.80 0.00	51.90 2.61 0.00	51.43 2.54 0.00	52.06 2.52 0.00	51.68 2.83 0.00	51.35 2.91 0.00	52.47 3.02 0.00	57.13 3.08 0.00	63.52 3.41 -0.32	69.03 3.53 0.00	87.25 4.47 0.00	105.95 5.45 -8.15	137.30 5.72 -36.32	151.19 6.30 -43.32	241.38 6.60 -133.25	193.20 7.25 -72.79	194.23 8.65 -52.41	397.11 10.06 -241.18	392.08 10.05 -238.37	291.45 8.03 -168.70	131.79 6.62 -29.16	86.55 5.13 0.00	69.32 4.05 0.00
DASHVILLE___HYD 23610	61.46 2.14 0.00	54.77 1.95 0.00	51.21 1.92 0.00	50.70 1.81 0.00	51.32 1.78 0.00	51.05 2.20 0.00	50.82 2.37 0.00	52.07 2.62 0.00	56.92 2.86 0.00	63.46 3.77 0.10	69.10 3.60 0.01	87.83 5.05 0.01	97.27 7.67 2.75	113.30 8.57 -9.47	122.59 9.24 -11.78	130.72 9.34 -19.84	134.54 10.75 -10.62	152.37 12.52 -6.69	194.26 13.42 -34.96	182.45 12.79 -26.01	142.53 9.64 -18.17	102.90 7.68 0.79	85.82 4.40 0.00	68.66 3.39 0.00
DELAWARE___LFGE 323621	61.04 1.72 0.00	54.35 1.53 0.00	50.71 1.43 0.00	50.41 1.52 0.00	51.12 1.59 0.00	50.85 2.00 0.00	50.48 2.03 0.00	51.43 1.98 0.00	56.27 2.22 0.00	62.25 2.45 0.00	68.25 2.75 0.00	86.43 3.64 0.00	96.98 4.62 -0.01	108.26 5.05 -7.96	116.19 5.28 -9.35	132.18 5.08 -25.57	136.86 5.43 -18.26	154.74 6.52 -15.06	192.55 7.15 -39.53	181.69 6.61 -31.43	140.50 5.28 -20.50	101.95 4.61 -1.33	84.35 2.93 0.00	67.62 2.35 0.00
DERFIELD_115KV_TB7 355931	59.44 0.12 0.00	52.92 0.11 0.00	49.43 0.15 0.00	49.04 0.15 0.00	49.68 0.15 0.00	49.14 0.29 0.00	48.78 0.34 0.00	49.80 0.35 0.00	54.43 0.38 0.00	60.22 0.42 0.00	66.02 0.52 0.00	83.45 0.66 0.00	93.28 0.92 0.00	96.30 1.05 0.00	102.64 1.12 0.04	102.61 1.12 0.04	114.09 1.13 0.20	134.01 1.33 0.48	147.34 1.46 0.00	144.29 1.29 0.66	115.49 1.03 0.26	96.97 0.96 0.00	81.91 0.49 0.00	65.72 0.46 0.00
DOGLEVILLE___HYD 23807	57.72 -1.60 0.00	51.39 -1.43 0.00	47.95 -1.33 0.00	47.67 -1.22 0.00	48.34 -1.19 0.00	47.87 -0.98 0.00	47.62 -0.82 0.00	48.56 -0.89 0.00	53.14 -0.92 0.00	58.84 -0.96 0.00	64.52 -0.98 0.00	81.46 -1.32 0.00	90.88 -1.48 0.00	93.73 -1.52 0.00	99.80 -1.73 0.04	99.67 -1.83 0.04	110.70 -2.26 0.20	130.02 -2.66 0.48	143.40 -2.48 0.00	140.55 -2.44 0.66	112.51 -1.95 0.26	94.76 -1.25 0.00	80.04 -1.38 0.00	64.16 -1.11 0.00
DUNKIRK__115KV_TB_200 55889	58.49 -0.83 0.00	51.55 -1.27 0.00	47.46 -1.82 0.00	46.30 -2.59 0.00	46.86 -2.67 0.00	46.99 -1.86 0.00	46.46 -1.99 0.00	47.13 -2.32 0.00	51.62 -2.43 0.00	56.51 -3.29 0.00	62.22 -3.27 0.00	77.98 -4.80 0.00	86.15 -6.19 0.02	89.94 -6.19 -0.88	98.39 -5.69 -2.52	101.26 -4.87 -4.60	110.94 -4.87 -2.65	130.73 -4.39 -1.96	147.96 -5.84 -7.92	144.16 -5.46 -5.96	115.71 -3.44 -4.43	92.84 -3.46 -0.29	78.00 -3.42 0.00	64.09 -1.17 0.00
DUNKIRK___1 23563	58.49 -0.83 0.00	51.55 -1.27 0.00	47.46 -1.82 0.00	46.30 -2.59 0.00	46.86 -2.67 0.00	46.99 -1.86 0.00	46.46 -1.99 0.00	47.13 -2.32 0.00	51.62 -2.43 0.00	56.51 -3.29 0.00	62.22 -3.27 0.00	77.98 -4.80 0.00	86.15 -6.19 0.02	89.94 -6.19 -0.88	98.39 -5.69 -2.52	101.26 -4.87 -4.60	110.94 -4.87 -2.65	130.73 -4.39 -1.96	147.96 -5.84 -7.92	144.16 -5.46 -5.96	115.71 -3.44 -4.43	92.84 -3.46 -0.29	78.00 -3.42 0.00	64.09 -1.17 0.00
DUNKIRK___2 23564	58.49 -0.83 0.00	51.55 -1.27 0.00	47.46 -1.82 0.00	46.30 -2.59 0.00	46.86 -2.67 0.00	46.99 -1.86 0.00	46.46 -1.99 0.00	47.13 -2.32 0.00	51.62 -2.43 0.00	56.51 -3.29 0.00	62.22 -3.27 0.00	77.98 -4.80 0.00	86.15 -6.19 0.02	89.94 -6.19 -0.88	98.39 -5.69 -2.52	101.26 -4.87 -4.60	110.94 -4.87 -2.65	130.73 -4.39 -1.96	147.96 -5.84 -7.92	144.16 -5.46 -5.96	115.71 -3.44 -4.43	92.84 -3.46 -0.29	78.00 -3.42 0.00	64.09 -1.17 0.00
DUNKIRK___3 23565	58.31 -1.01 0.00	51.39 -1.43 0.00	47.31 -1.97 0.00	46.20 -2.69 0.00	46.71 -2.82 0.00	46.80 -2.05 0.00	46.27 -2.18 0.00	46.93 -2.52 0.00	51.41 -2.65 0.00	56.27 -3.53 0.00	61.90 -3.60 0.00	77.57 -5.22 0.00	85.78 -6.56 0.02	89.58 -6.57 -0.89	97.87 -6.20 -2.51	100.74 -5.38 -4.59	110.37 -5.43 -2.64	129.79 -5.33 -1.96	146.91 -6.86 -7.89	142.99 -6.61 -5.94	114.78 -4.36 -4.41	92.07 -4.22 -0.29	77.43 -3.99 0.00	63.57 -1.70 0.00
DUNKIRK___4 23566	58.31 -1.01 0.00	51.39 -1.43 0.00	47.31 -1.97 0.00	46.20 -2.69 0.00	46.71 -2.82 0.00	46.80 -2.05 0.00	46.27 -2.18 0.00	46.93 -2.52 0.00	51.41 -2.65 0.00	56.27 -3.53 0.00	61.90 -3.60 0.00	77.57 -5.22 0.00	85.78 -6.56 0.02	89.58 -6.57 -0.89	97.87 -6.20 -2.51	100.74 -5.38 -4.59	110.37 -5.43 -2.64	129.79 -5.33 -1.96	146.91 -6.86 -7.89	142.99 -6.61 -5.94	114.78 -4.36 -4.41	92.07 -4.22 -0.29	77.43 -3.99 0.00	63.57 -1.70 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	62.17 2.85 0.00	55.51 2.69 0.00	51.90 2.61 0.00	51.39 2.49 0.00	51.91 2.38 0.00	51.78 2.93 0.00	51.64 3.20 0.00	53.16 3.71 0.00	58.27 4.22 0.00	64.73 4.90 -0.03	70.61 5.11 0.00	89.66 6.87 0.00	103.40 9.42 -1.63	151.86 10.38 -46.22	211.33 11.27 -98.50	300.08 11.27 -187.27	361.18 12.79 -235.23	407.00 14.91 -258.93	316.99 15.90 -155.22	213.02 15.23 -54.14	152.71 11.47 -26.52	106.31 8.74 -1.56	86.96 5.54 0.00	69.51 4.24 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	61.75 2.43 0.00	55.03 2.22 0.00	51.45 2.17 0.00	50.90 2.00 0.00	51.52 1.98 0.00	51.29 2.44 0.00	51.11 2.66 0.00	52.47 3.02 0.00	57.41 3.35 0.00	63.74 3.95 0.00	69.69 4.19 0.00	88.33 5.55 0.00	101.14 7.67 -1.12	124.81 8.67 -20.89	132.09 9.34 -21.19	147.85 9.44 -36.88	161.57 10.75 -37.65	182.12 12.52 -36.44	219.16 13.42 -59.86	196.66 12.64 -40.37	149.76 9.64 -25.40	105.13 7.58 -1.54	86.30 4.89 0.00	69.05 3.79 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	62.41 3.08 -0.01	56.04 3.22 -0.01	52.39 3.10 0.00	51.83 2.93 0.00	52.41 2.87 0.00	52.12 3.27 0.00	52.03 3.58 0.00	53.41 3.96 0.00	58.22 4.16 0.00	64.31 4.48 -0.03	70.21 4.72 0.00	89.24 6.46 0.00	103.22 9.24 -1.63	151.47 9.91 -46.30	210.99 10.87 -98.56	300.07 11.07 -187.47	361.32 12.45 -235.71	407.28 14.65 -259.47	316.84 15.46 -155.50	212.64 14.80 -54.19	152.38 11.13 -26.53	106.03 8.45 -1.58	86.88 5.46 -0.01	69.40 4.11 -0.02

E179THST_13_KV_LOAD 356214	62.77 3.44 -0.01	56.36 3.54 -0.01	52.69 3.40 0.00	52.12 3.23 0.00	52.70 3.17 0.00	52.42 3.57 0.00	52.32 3.88 0.00	53.75 4.30 0.00	58.60 4.54 0.00	64.73 4.90 -0.03	70.74 5.24 0.00	89.82 7.04 0.00	103.96 9.97 -1.63	152.23 10.67 -46.30	211.80 11.68 -98.56	300.99 11.98 -187.47	362.34 13.47 -235.71	408.48 15.85 -259.47	318.15 16.78 -155.50	213.93 16.09 -54.19	153.41 12.16 -26.53	106.80 9.22 -1.58	87.53 6.11 -0.01	69.85 4.57 -0.02
EAST HAMPTON___GT 23717	64.43 5.10 -0.01	57.20 4.38 0.00	53.37 4.09 0.00	52.46 3.57 0.00	52.61 3.07 0.00	52.52 3.67 0.00	51.79 3.34 0.00	54.10 4.65 0.00	59.79 5.73 -0.01	67.25 7.41 -0.04	72.38 6.88 0.00	96.11 9.27 -4.05	107.56 13.95 -1.26	172.86 15.05 -62.56	224.98 14.63 -108.79	302.35 13.40 -187.41	368.62 15.84 -239.61	406.06 19.18 -253.72	319.73 20.71 -153.15	251.23 20.97 -86.61	156.07 17.55 -23.80	109.96 12.39 -1.56	87.61 6.18 0.00	71.34 6.07 0.00
EAST RIVER___6 23660	62.23 2.91 0.00	55.72 2.90 0.00	52.14 2.86 0.00	51.58 2.69 0.00	52.11 2.57 0.00	51.98 3.13 0.00	51.89 3.44 0.00	53.65 4.20 0.00	58.49 4.43 0.00	65.09 5.26 -0.03	70.87 5.37 0.00	89.98 7.20 0.00	103.96 9.98 -1.63	152.35 10.86 -46.23	211.74 11.67 -98.51	300.51 11.67 -187.31	361.58 13.12 -235.30	407.33 15.17 -258.99	317.29 16.19 -155.22	213.30 15.52 -54.12	153.05 11.82 -26.51	106.50 8.93 -1.56	87.29 5.87 0.00	69.77 4.50 0.00
EAST RIVER___7 23524	62.23 2.91 0.00	55.72 2.90 0.00	52.14 2.86 0.00	51.58 2.69 0.00	52.11 2.57 0.00	51.98 3.13 0.00	51.89 3.44 0.00	53.65 4.20 0.00	58.49 4.43 0.00	65.09 5.26 -0.03	70.87 5.37 0.00	89.98 7.20 0.00	103.96 9.98 -1.63	152.35 10.86 -46.23	211.74 11.67 -98.51	300.51 11.67 -187.31	361.58 13.12 -235.30	407.33 15.17 -258.99	317.29 16.19 -155.22	213.30 15.52 -54.12	153.05 11.82 -26.51	106.50 8.93 -1.56	87.29 5.87 0.00	69.77 4.50 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	61.99 2.67 0.00	55.35 2.54 0.00	51.75 2.46 0.00	51.24 2.35 0.00	51.76 2.23 0.00	51.64 2.78 0.00	51.45 3.00 0.00	52.96 3.51 0.00	58.00 3.95 0.00	64.49 4.66 -0.03	70.28 4.78 0.00	89.24 6.46 0.00	102.85 8.87 -1.63	149.29 9.81 -44.23	209.22 10.66 -97.00	294.80 10.76 -182.50	348.86 12.22 -223.47	392.74 14.25 -245.33	309.07 15.17 -148.02	211.17 14.37 -53.15	151.99 10.78 -26.48	105.82 8.26 -1.56	86.63 5.21 0.00	69.31 4.05 0.00
EAST_HAMPTON___DIESEL 23722	64.31 4.98 -0.01	57.09 4.28 0.00	53.28 3.99 0.00	52.37 3.47 0.00	52.51 2.97 0.00	52.37 3.52 0.00	51.69 3.25 0.00	53.95 4.50 0.00	59.68 5.62 -0.01	67.06 7.23 -0.04	72.25 6.75 0.00	95.94 9.11 -4.05	107.28 13.67 -1.26	172.67 14.85 -62.56	224.76 14.42 -108.79	302.14 13.19 -187.41	368.40 15.62 -239.61	405.78 18.90 -253.72	319.44 20.42 -153.15	250.80 20.54 -86.60	155.84 17.32 -23.80	109.76 12.19 -1.56	87.36 5.94 0.00	71.21 5.94 0.00
EAST_POINT___SOLAR 323840	65.37 6.05 0.00	58.15 5.33 0.00	54.17 4.88 0.00	53.69 4.79 0.00	54.44 4.90 0.00	54.13 5.28 0.00	53.29 4.84 0.00	53.45 4.00 0.00	58.16 4.11 0.00	64.66 4.72 -0.14	71.06 5.56 0.00	89.98 7.20 0.00	103.68 7.94 -3.38	130.89 7.90 -27.73	144.46 8.53 -34.36	224.10 8.42 -114.14	183.47 8.15 -62.16	186.68 9.59 -43.93	339.81 11.96 -181.96	322.85 14.80 -164.40	228.55 13.19 -100.64	113.82 11.61 -6.20	90.86 9.44 0.00	72.51 7.24 0.00
EAST_PULASKI___ESR 323781	59.14 -0.18 0.00	52.50 -0.31 0.00	48.84 -0.44 0.00	48.40 -0.49 0.00	49.04 -0.50 0.00	48.66 -0.19 0.00	48.30 -0.14 0.00	49.30 -0.15 0.00	53.95 -0.11 0.00	59.50 -0.30 0.00	65.24 -0.26 0.00	82.37 -0.41 0.00	91.71 -0.64 0.00	95.81 -0.57 -1.12	102.00 -0.61 -1.04	100.97 -0.40 0.16	111.70 -0.67 0.79	130.75 -0.53 1.89	145.88 0.00 0.00	141.15 0.14 2.65	114.03 0.35 1.04	96.59 0.58 0.00	81.42 0.00 0.00	65.27 0.00 0.00
EAST_RIVER___1 323558	62.28 2.96 0.00	55.77 2.96 0.00	52.19 2.91 0.00	51.63 2.74 0.00	52.16 2.62 0.00	51.98 3.13 0.00	51.94 3.49 0.00	53.70 4.25 0.00	58.54 4.48 0.00	65.14 5.32 -0.03	70.93 5.43 0.00	90.07 7.29 0.00	104.05 10.07 -1.63	152.44 10.95 -46.23	211.84 11.78 -98.50	300.60 11.77 -187.29	361.77 13.35 -235.26	407.69 15.57 -258.95	317.56 16.48 -155.20	213.43 15.66 -54.12	153.16 11.93 -26.51	106.59 9.02 -1.56	87.36 5.94 0.00	69.77 4.50 0.00
EAST_RIVER___2 323559	62.23 2.91 0.00	55.72 2.90 0.00	52.14 2.86 0.00	51.58 2.69 0.00	52.11 2.57 0.00	51.98 3.13 0.00	51.89 3.44 0.00	53.65 4.20 0.00	58.49 4.43 0.00	65.09 5.26 -0.03	70.87 5.37 0.00	89.98 7.20 0.00	103.96 9.98 -1.63	152.35 10.86 -46.23	211.74 11.67 -98.51	300.51 11.67 -187.31	361.58 13.12 -235.30	407.33 15.17 -258.99	317.29 16.19 -155.22	213.30 15.52 -54.12	153.05 11.82 -26.51	106.50 8.93 -1.56	87.29 5.87 0.00	69.77 4.50 0.00
EAST___DELAWARE_HYD 23607	61.70 2.38 0.00	54.98 2.17 0.00	51.31 2.02 0.00	50.80 1.90 0.00	51.42 1.88 0.00	51.15 2.30 0.00	51.01 2.57 0.00	52.42 2.97 0.00	57.19 3.13 0.00	63.57 3.77 0.00	69.43 3.93 0.00	88.00 5.22 0.00	99.65 7.29 0.00	120.16 8.19 -16.71	127.79 8.94 -17.29	140.98 9.14 -30.30	153.82 10.63 -30.03	174.42 12.66 -28.60	210.85 13.71 -51.26	191.97 13.07 -35.25	147.94 9.87 -23.36	105.30 7.77 -1.51	86.47 5.05 0.00	69.05 3.78 0.00
EIGHT_POINT___WT_PWR 323820	58.61 -0.71 0.00	51.60 -1.21 0.00	47.71 -1.58 0.00	46.69 -2.20 0.00	47.21 -2.33 0.00	47.34 -1.51 0.00	46.85 -1.60 0.00	47.38 -2.08 0.00	52.11 -1.94 0.00	57.17 -2.63 0.00	62.75 -2.75 0.00	79.06 -3.72 0.00	87.23 -5.08 0.04	89.47 -5.05 0.73	100.17 -4.77 -3.38	103.26 -3.96 -5.69	112.76 -3.73 -3.33	133.01 -2.53 -2.38	153.00 -2.48 -9.60	150.19 -1.30 -7.83	120.09 0.00 -5.37	96.07 -0.29 -0.35	80.45 -0.97 0.00	65.60 0.33 0.00
ELBRIDGE_115KV_TB2 80188	59.02 -0.30 0.00	52.39 -0.42 0.00	48.74 -0.54 0.00	48.21 -0.68 0.00	48.84 -0.69 0.00	48.46 -0.39 0.00	48.15 -0.29 0.00	49.20 -0.25 0.00	53.84 -0.22 0.00	59.38 -0.42 0.00	65.17 -0.33 0.00	82.21 -0.58 0.00	91.71 -0.65 0.00	96.35 -0.57 -1.67	103.00 -0.30 -1.74	101.29 -0.20 0.04	112.74 -0.23 0.20	132.68 0.00 0.48	145.73 -0.15 0.00	142.68 -0.29 0.69	114.34 -0.11 0.27	95.91 -0.10 0.00	80.69 -0.73 0.00	64.81 -0.46 0.00
ELEC_TRO_TEK 24086	63.06 3.74 0.00	56.09 3.27 0.00	52.39 3.10 0.00	51.68 2.79 0.00	52.06 2.53 0.00	51.93 3.08 0.00	51.74 3.29 0.00	53.51 4.05 0.00	58.97 4.92 0.00	65.56 5.74 -0.03	70.74 5.24 0.00	109.71 7.20 -19.72	106.82 10.16 -4.30	152.79 11.05 -46.49	212.25 11.98 -98.71	301.44 11.98 -187.93	416.31 13.69 -289.46	478.11 16.11 -328.84	387.36 17.21 -224.27	269.38 16.23 -109.49	153.63 12.39 -26.52	106.69 9.12 -1.56	86.22 4.80 0.00	69.18 3.92 0.00
ELLENBURG_WT_PWR 323604	58.13 -1.19 0.00	51.87 -0.95 0.00	48.55 -0.74 0.00	48.26 -0.64 0.00	48.99 -0.54 0.00	47.82 -1.03 0.00	47.48 -0.97 0.00	48.51 -0.94 0.00	52.92 -1.14 0.00	58.42 -1.37 0.00	64.06 -1.44 0.00	81.04 -1.74 0.00	89.59 -2.77 0.00	91.83 -3.43 0.00	97.39 -4.17 0.00	97.78 -3.75 0.00	108.86 -4.30 0.00	127.97 -5.20 0.00	140.77 -5.11 0.00	139.48 -4.17 0.00	111.63 -3.09 0.00	93.22 -2.79 0.00	80.36 -1.06 0.00	64.49 -0.78 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	57.78 -1.54 0.00	50.91 -1.90 0.00	46.87 -2.41 0.00	45.76 -3.13 0.00	46.31 -3.22 0.00	46.31 -2.54 0.00	45.73 -2.71 0.00	46.53 -2.92 0.00	50.87 -3.19 0.00	55.55 -4.25 0.00	61.11 -4.39 0.00	76.58 -6.21 0.00	84.39 -7.94 0.02	88.15 -8.00 -0.89	96.57 -7.31 -2.32	98.97 -6.90 -4.34	108.42 -7.24 -2.50	127.56 -7.46 -1.85	143.71 -9.63 -7.46	139.79 -9.48 -5.62	112.24 -6.65 -4.17	90.33 -5.95 -0.27	76.05 -5.37 0.00	62.46 -2.81 0.00
EMPIRE_CC_1 323656	60.39 1.07 0.00	54.14 1.32 0.00	50.47 1.18 0.00	50.16 1.27 0.00	50.72 1.19 0.00	50.37 1.52 0.00	50.04 1.60 0.00	51.13 1.68 0.00	55.78 1.73 0.00	62.24 1.97 -0.47	67.59 2.10 0.00	85.19 2.40 0.00	105.27 3.60 -9.32	136.62 4.00 -37.36	148.06 4.46 -42.03	184.47 4.36 -78.57	157.61 4.97 -39.47	166.35 5.72 -27.47	210.73 6.13 -58.73	180.75 5.60 -31.50	102.24 4.36 16.83	75.40 3.65 24.26	83.62 2.20 0.00	67.16 1.89 0.00
EMPIRE_CC_2 323658	60.39 1.07 0.00	54.14 1.32 0.00	50.47 1.18 0.00	50.16 1.27 0.00	50.72 1.19 0.00	50.37 1.52 0.00	50.04 1.60 0.00	51.13 1.68 0.00	55.78 1.73 0.00	62.24 1.97 -0.47	67.59 2.10 0.00	85.19 2.40 0.00	105.27 3.60 -9.32	136.62 4.00 -37.36	148.06 4.46 -42.03	184.47 4.36 -78.57	157.61 4.97 -39.47	166.35 5.72 -27.47	210.73 6.13 -58.73	180.75 5.60 -31.50	102.24 4.36 16.83	75.40 3.65 24.26	83.62 2.20 0.00	67.16 1.89 0.00
ENORWICH_115KV_TB1 80156	64.78 5.46 0.00	57.36 4.54 0.00	53.28 3.99 0.00	52.95 4.06 0.00	53.84 4.31 0.00	53.83 4.98 0.00	53.87 5.43 0.00	55.04 5.59 0.00	60.06 6.00 0.00	66.02 6.22 0.00	72.44 6.94 0.00	91.89 9.11 0.00	102.46 10.07 -0.04	114.41 10.57 -8.58	118.80 11.27 -5.97	127.57 11.57 -14.47	130.31 8.83 -8.32	149.64 11.59 -4.89	179.73 14.15 -19.70	174.34 13.79 -16.89	136.98 11.24 -11.02	106.32 9.60 -0.71	88.10 6.68 0.00	70.69 5.42 0.00
ERIE_ST__34_KV_TB1-2 80199	58.37 -0.95 0.00	51.44 -1.37 0.00	47.36 -1.92 0.00	46.16 -2.74 0.00	46.71 -2.82 0.00	46.75 -2.10 0.00	46.17 -2.28 0.00	46.93 -2.52 0.00	51.41 -2.65 0.00	56.21 -3.59 0.00	61.90 -3.60 0.00	77.65 -5.13 0.00	86.15 -6.19 0.02	89.88 -6.29 -0.91	97.23 -6.80 -2.47	100.77 -5.28 -4.52	110.33 -5.43 -2.60	129.63 -5.46 -1.93	146.50 -7.15 -7.77	142.47 -7.04 -5.85	114.13 -4.93 -4.34	91.49 -4.80 -0.28	76.94 -4.48 0.00	63.18 -2.09 0.00
ERIE_WT_PWR 323693	58.01 -1.31 0.00	51.02 -1.80 0.00	47.12 -2.17 0.00	45.96 -2.93 0.00	46.36 -3.17 0.00	46.51 -2.34 0.00	45.63 -2.81 0.00	46.04 -3.41 0.00	51.08 -2.97 0.00	55.85 -3.95 0.00	61.44 -4.06 0.00	77.15 -5.63 0.00	85.04 -7.30 0.02	88.82 -7.33 -0.89	97.07 -6.91 -2.42	99.69 -6.30 -4.45	109.34 -6.45 -2.62	128.65 -6.39 -1.88	144.99 -8.46 -7.58	141.02 -8.34 -5.70	113.22 -5.73 -4.24	91.00 -5.28 -0.27	76.62 -4.80 0.00	62.92 -2.35 0.00
ESPRGFLD_115KV_TB1 80157	63.89 4.57 0.00	56.72 3.91 0.00	52.88 3.60 0.00	52.46 3.57 0.00	53.25 3.72 0.00	53.00 4.15 0.00	52.61 4.17 0.00	53.46 4.01 0.00	58.38 4.32 0.00	64.62 4.72 -0.10	70.87 5.37 0.00	89.82 7.04 0.00	102.83 8.03 -2.44	109.09 8.29 -5.55	119.40 8.84 -9.00	196.24 8.73 -85.97	172.24 8.94 -50.14	181.04 10.79 -37.09	295.33 12.40 -137.05	277.83 12.79 -121.39	199.63 10.44 -74.46	109.82 9.22 -4.59	88.34 6.92 0.00	70.69 5.42 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	60.57 1.25 0.00	53.77 0.95 0.00	49.98 0.69 0.00	49.38 0.49 0.00	50.03 0.50 0.00	49.78 0.93 0.00	49.51 1.07 0.00	50.49 1.04 0.00	55.19 1.14 0.00	60.81 1.02 0.00	66.68 1.18 0.00	84.19 1.41 0.00	93.99 1.57 -0.07	106.81 1.71 -9.84	107.71 2.13 -4.01	110.88 2.34 -7.01	119.68 2.49 -4.03	139.56 3.60 -2.80	161.55 4.38 -11.29	157.40 4.45 -9.29	124.71 3.67 -6.31	99.49 3.07 -0.41	83.13 1.71 0.00	66.77 1.50 0.00
ETNA____115KV_TB2 80207	60.57 1.25 0.00	53.77 0.95 0.00	49.98 0.69 0.00	49.38 0.49 0.00	50.03 0.50 0.00	49.78 0.93 0.00	49.51 1.07 0.00	50.49 1.04 0.00	55.19 1.14 0.00	60.81 1.02 0.00	66.68 1.18 0.00	84.19 1.41 0.00	93.99 1.57 -0.07	106.81 1.71 -9.84	107.71 2.13 -4.01	110.88 2.34 -7.01	119.68 2.49 -4.03	139.56 3.60 -2.80	161.55 4.38 -11.29	157.40 4.45 -9.29	124.71 3.67 -6.31	99.49 3.07 -0.41	83.13 1.71 0.00	66.77 1.50 0.00
EUCLID__115KV_TB2 356179	58.67 -0.65 0.00	52.13 -0.69 0.00	48.50 -0.79 0.00	47.96 -0.93 0.00	48.59 -0.94 0.00	48.17 -0.68 0.00	47.86 -0.58 0.00	48.91 -0.54 0.00	53.57 -0.49 0.00	59.14 -0.66 0.00	64.91 -0.59 0.00	81.96 -0.83 0.00	91.43 -0.92 0.00	95.69 -0.86 -1.29	102.28 -0.61 -1.33	100.97 -0.51 0.06	112.21 -0.68 0.27	131.85 -0.67 0.65	145.00 -0.88 0.00	141.74 -1.01 0.91	113.68 -0.69 0.36	95.43 -0.58 0.00	80.36 -1.06 0.00	64.55 -0.72 0.00
E_CANADA_CAP_HY 24051	65.25 5.93 0.00	57.99 5.18 0.00	54.06 4.78 0.00	53.59 4.69 0.00	54.34 4.80 0.00	54.03 5.18 0.00	53.53 5.09 0.00	54.20 4.75 0.00	58.97 4.92 0.00	65.37 5.44 -0.13	71.65 6.15 0.00	90.65 7.87 0.00	104.36 8.87 -3.14	132.48 9.05 -28.17	144.91 9.75 -33.60	216.84 9.75 -105.55	180.52 9.61 -57.74	185.60 11.72 -40.72	329.92 13.71 -170.33	312.22 14.94 -153.62	221.35 12.51 -94.12	113.03 11.23 -5.80	90.46 9.04 0.00	72.32 7.05 0.00
E_CANADA_MHWK_HY 24050	57.72 -1.60 0.00	51.39 -1.42 0.00	47.96 -1.33 0.00	47.67 -1.22 0.00	48.34 -1.19 0.00	47.87 -0.98 0.00	47.62 -0.82 0.00	48.61 -0.84 0.00	53.14 -0.92 0.00	58.84 -0.96 0.00	64.52 -0.98 0.00	81.46 -1.33 0.00	90.87 -1.48 0.00	93.73 -1.53 0.00	99.80 -1.73 0.04	99.67 -1.82 0.04	110.70 -2.26 0.20	130.03 -2.66 0.47	143.40 -2.48 0.00	140.55 -2.44 0.66	112.51 -1.95 0.26	94.76 -1.25 0.00	80.04 -1.38 0.00	64.16 -1.11 0.00
E_FISHKILL__LBMP 23776	61.40 2.08 0.00	54.82 2.01 0.00	51.26 1.97 0.00	50.75 1.86 0.00	51.37 1.83 0.00	51.15 2.30 0.00	50.92 2.47 0.00	52.27 2.82 0.00	57.24 3.19 0.00	63.53 3.71 -0.03	69.36 3.86 0.00	87.92 5.13 0.00	101.25 7.20 -1.69	117.62 8.00 -14.36	128.50 8.63 -18.30	131.79 8.63 -21.63	112.63 9.85 10.38	124.73 11.45 19.88	190.99 12.11 -33.01	194.82 11.35 -39.82	150.54 8.60 -27.21	104.33 6.72 -1.60	85.65 4.23 0.00	68.60 3.33 0.00
FALCON__SEABRD_CC1 323796	58.31 -1.01 0.00	52.02 -0.79 0.00	48.64 -0.64 0.00	48.40 -0.49 0.00	49.14 -0.40 0.00	47.97 -0.88 0.00	47.62 -0.82 0.00	48.71 -0.74 0.00	53.14 -0.92 0.00	58.36 -1.44 0.00	63.99 -1.50 0.00	81.04 -1.74 0.00	89.49 -2.86 0.00	91.64 -3.62 0.00	97.20 -4.36 0.00	97.47 -4.06 0.00	108.63 -4.53 0.00	127.70 -5.47 0.00	140.63 -5.25 0.00	139.35 -4.31 0.00	111.74 -2.98 0.00	93.03 -2.98 0.00	80.28 -1.14 0.00	64.42 -0.85 0.00
FALCON__SEABRD_CC2 323797	58.31 -1.01 0.00	52.02 -0.79 0.00	48.64 -0.64 0.00	48.40 -0.49 0.00	49.14 -0.40 0.00	47.97 -0.88 0.00	47.62 -0.82 0.00	48.71 -0.74 0.00	53.14 -0.92 0.00	58.36 -1.44 0.00	63.99 -1.50 0.00	81.04 -1.74 0.00	89.49 -2.86 0.00	91.64 -3.62 0.00	97.20 -4.36 0.00	97.47 -4.06 0.00	108.63 -4.53 0.00	127.70 -5.47 0.00	140.63 -5.25 0.00	139.35 -4.31 0.00	111.74 -2.98 0.00	93.03 -2.98 0.00	80.28 -1.14 0.00	64.42 -0.85 0.00

FAR ROCKAWAY___4 23548	64.24 4.92 0.00	57.09 4.28 0.00	53.28 3.99 0.00	52.56 3.67 0.00	52.90 3.37 0.00	52.76 3.91 0.00	52.47 4.02 0.00	54.35 4.90 0.00	59.95 5.89 0.00	66.76 6.94 -0.03	72.31 6.81 0.00	138.20 9.44 -45.98	113.86 12.74 -8.76	158.99 13.81 -49.92	221.14 14.42 -105.16	304.73 14.62 -188.58	477.07 16.75 -347.16	572.62 19.84 -419.61	477.13 21.30 -309.96	356.37 20.26 -192.46	160.55 15.83 -30.00	109.38 11.81 -1.56	88.26 6.84 0.00	70.69 5.42 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	62.29 2.97 0.00	55.72 2.90 0.00	52.14 2.86 0.00	51.58 2.69 0.00	52.11 2.58 0.00	51.98 3.13 0.00	51.93 3.49 0.00	53.55 4.10 0.00	58.60 4.54 0.00	65.09 5.26 -0.03	70.93 5.44 0.00	90.15 7.37 0.00	104.05 10.07 -1.63	152.45 10.95 -46.24	211.86 11.78 -98.51	300.74 11.88 -187.32	361.87 13.35 -235.36	407.79 15.58 -259.05	317.78 16.63 -155.27	213.61 15.80 -54.15	153.17 11.93 -26.52	106.69 9.12 -1.56	87.36 5.94 0.00	69.84 4.57 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	62.35 3.03 0.00	55.77 2.96 0.00	52.14 2.86 0.00	51.63 2.74 0.00	52.16 2.63 0.00	52.03 3.18 0.00	51.93 3.49 0.00	53.51 4.05 0.00	58.60 4.54 0.00	65.09 5.26 -0.03	70.93 5.44 0.00	90.07 7.29 0.00	104.05 10.07 -1.63	152.45 10.95 -46.24	211.86 11.78 -98.51	300.64 11.78 -187.32	361.87 13.35 -235.36	407.79 15.58 -259.05	317.78 16.63 -155.27	213.61 15.80 -54.15	153.17 11.93 -26.52	106.69 9.12 -1.56	87.36 5.94 0.00	69.84 4.57 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	62.29 2.97 0.00	55.72 2.90 0.00	52.09 2.81 0.00	51.58 2.69 0.00	52.11 2.58 0.00	51.98 3.13 0.00	51.89 3.44 0.00	53.51 4.05 0.00	58.54 4.49 0.00	65.03 5.20 -0.03	70.87 5.37 0.00	89.99 7.20 0.00	103.96 9.97 -1.63	152.36 10.86 -46.24	211.75 11.68 -98.51	300.53 11.68 -187.32	361.76 13.24 -235.36	407.66 15.45 -259.05	317.49 16.34 -155.27	213.32 15.51 -54.15	153.06 11.82 -26.52	106.59 9.02 -1.56	87.28 5.86 0.00	69.71 4.44 0.00
FARRAGUT___LBMP 323566	62.23 2.91 0.00	55.67 2.85 0.00	52.05 2.76 0.00	51.53 2.64 0.00	52.06 2.53 0.00	51.93 3.08 0.00	51.84 3.39 0.00	53.46 4.01 0.00	58.49 4.43 0.00	64.97 5.14 -0.03	70.80 5.31 0.00	89.90 7.12 0.00	103.87 9.88 0.00	152.26 10.76 -46.24	211.55 11.48 -98.51	300.43 11.57 -187.32	361.65 13.13 -235.36	407.39 15.18 -259.05	317.34 16.19 -155.27	213.18 15.37 -54.15	152.83 11.59 -26.52	106.50 8.93 -1.56	87.20 5.78 0.00	69.64 4.37 0.00
FENNER___WINDPWR 24204	61.39 2.08 0.00	54.50 1.69 0.00	50.72 1.43 0.00	50.36 1.47 0.00	51.07 1.54 0.00	50.66 1.81 0.00	50.33 1.89 0.00	51.43 1.98 0.00	56.32 2.27 0.00	62.13 2.33 0.00	68.25 2.75 0.00	86.34 3.56 0.00	95.31 2.95 0.00	99.06 3.14 -0.67	105.42 3.25 -0.60	104.76 3.35 0.12	116.32 3.73 0.57	135.59 3.33 0.90	149.82 3.94 0.00	146.27 3.88 1.27	117.43 3.21 0.50	98.69 2.68 0.00	83.53 2.11 0.00	66.96 1.69 0.00
FIBERTEK___ENERGY 23856	59.38 0.06 0.00	52.71 -0.11 0.00	49.04 -0.25 0.00	48.50 -0.39 0.00	49.14 -0.40 0.00	48.75 -0.10 0.00	48.45 0.00 0.00	49.50 0.05 0.00	54.22 0.16 0.00	59.62 -0.18 0.00	65.37 -0.13 0.00	82.54 -0.25 0.00	92.08 -0.28 0.00	96.73 -0.10 -1.57	103.30 0.10 -1.64	101.69 0.20 0.05	113.05 0.11 0.22	133.02 0.40 0.54	146.17 0.29 0.00	143.03 0.14 0.77	114.53 0.11 0.30	96.20 0.19 0.00	80.93 -0.49 0.00	64.94 -0.33 0.00
FITZPATRICK___ 23598	57.66 -1.66 0.00	51.23 -1.58 0.00	47.76 -1.53 0.00	47.28 -1.61 0.00	47.90 -1.63 0.00	47.43 -1.42 0.00	47.04 -1.41 0.00	48.01 -1.44 0.00	52.60 -1.46 0.00	58.12 -1.67 0.00	63.73 -1.77 0.00	80.47 -2.32 0.00	89.77 -2.59 0.00	93.61 -2.57 -0.92	99.92 -2.64 -1.00	99.00 -2.53 0.00	110.22 -2.94 0.00	129.96 -3.20 0.00	142.24 -3.64 0.00	139.92 -3.74 0.00	111.74 -2.98 0.00	93.61 -2.40 0.00	79.06 -2.36 0.00	63.44 -1.83 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	62.40 3.08 0.00	55.61 2.80 0.00	51.95 2.66 0.00	51.44 2.54 0.00	52.01 2.48 0.00	51.83 2.98 0.00	51.64 3.20 0.00	53.01 3.56 0.00	58.00 3.95 0.00	64.46 4.66 0.00	70.54 5.04 0.00	89.41 6.62 0.00	102.68 8.96 -1.37	122.75 10.00 -17.49	131.67 10.87 -19.24	140.85 10.97 -28.35	138.02 12.56 -12.30	154.52 14.65 -6.72	207.56 15.46 -46.21	198.84 14.80 -40.39	152.56 11.24 -26.59	106.43 8.83 -1.59	87.36 5.94 0.00	69.84 4.57 0.00
FORT ORANGE___ 23900	60.21 0.89 0.00	53.82 1.00 0.00	50.22 0.93 0.00	49.92 1.03 0.00	50.52 0.99 0.00	50.17 1.32 0.00	49.85 1.41 0.00	50.89 1.43 0.00	55.14 1.08 0.00	60.19 1.26 0.87	66.87 1.38 0.00	84.19 1.41 0.00	67.31 2.49 27.54	52.77 2.96 45.45	62.55 3.25 42.26	51.88 3.35 53.00	72.46 3.85 44.56	91.81 4.39 45.74	102.00 4.67 48.54	85.65 4.31 62.31	85.65 3.33 32.40	83.01 2.79 15.79	83.13 1.71 0.00	66.70 1.43 0.00
FORT_DRUM_COGEN 23780	61.63 2.31 0.00	54.61 1.80 0.00	50.76 1.48 0.00	50.51 1.61 0.00	51.27 1.73 0.00	50.80 1.95 0.00	50.58 2.13 0.00	51.53 2.08 0.00	56.11 2.05 0.00	61.71 1.91 0.00	67.66 2.16 0.00	85.27 2.48 0.00	94.39 2.03 0.00	98.00 2.00 -0.74	103.39 1.52 -0.30	103.25 2.23 0.52	113.10 2.49 2.55	130.79 3.73 6.10	152.15 6.27 0.00	142.00 6.90 8.55	117.56 6.19 3.36	101.67 5.66 0.00	85.82 4.40 0.00	68.60 3.33 0.00
FOX_HILLS___ESR 323835	54.70 2.73 7.34	53.53 2.85 2.14	52.34 3.06 0.00	51.83 2.93 0.00	52.26 2.72 0.00	52.12 3.27 0.00	51.98 3.54 0.00	53.01 3.71 0.15	53.14 4.00 4.92	55.50 4.48 8.78	60.36 4.65 9.79	77.92 6.37 11.23	93.60 9.14 7.90	129.22 9.53 -24.44	163.76 10.16 -52.05	177.06 10.15 -65.38	211.21 11.43 -86.61	240.45 13.45 -93.84	233.70 14.44 -73.38	207.90 13.50 -50.74	143.17 10.32 -18.12	95.30 7.87 8.58	82.02 5.21 4.61	64.32 3.85 4.79
FPL_FAR_ROCK_GT1 24212	64.25 4.92 -0.01	57.36 4.54 0.00	53.52 4.24 0.00	52.81 3.91 0.00	53.15 3.61 0.00	53.00 4.15 0.00	52.85 4.41 0.00	54.79 5.34 0.00	59.96 5.89 -0.01	66.82 6.99 -0.04	72.44 6.94 0.00	138.20 9.43 -45.98	113.86 12.75 -8.76	158.99 13.81 -49.93	221.14 14.42 -105.17	304.74 14.62 -188.58	477.05 16.75 -347.15	572.61 19.84 -419.61	477.11 21.30 -309.93	356.35 20.26 -192.43	160.55 15.84 -29.99	109.38 11.81 -1.56	88.26 6.84 0.00	70.68 5.41 0.00
FPL_FAR_ROCK_GT2 23815	64.25 4.92 -0.01	57.36 4.54 0.00	53.52 4.24 0.00	52.81 3.91 0.00	53.15 3.61 0.00	53.00 4.15 0.00	52.85 4.41 0.00	54.79 5.34 0.00	59.96 5.89 -0.01	66.82 6.99 -0.04	72.44 6.94 0.00	138.20 9.43 -45.98	113.86 12.75 -8.76	158.99 13.81 -49.93	221.14 14.42 -105.17	304.74 14.62 -188.58	477.05 16.75 -347.15	572.61 19.84 -419.61	477.11 21.30 -309.93	356.35 20.26 -192.43	160.55 15.84 -29.99	109.38 11.81 -1.56	88.26 6.84 0.00	70.68 5.41 0.00
FRANKLIN_FALL_HYD 24054	59.08 -0.24 0.00	52.60 -0.21 0.00	49.14 -0.15 0.00	48.89 0.00 0.00	49.63 0.10 0.00	48.46 -0.39 0.00	48.11 -0.34 0.00	49.15 -0.30 0.00	53.51 -0.54 0.00	59.44 -0.36 0.00	64.78 -0.72 0.00	81.87 -0.91 0.00	90.23 -2.12 0.00	92.11 -3.14 0.00	96.81 -4.16 0.59	97.15 -3.76 0.63	105.80 -4.30 3.06	120.78 -5.06 7.32	141.06 -4.81 0.00	129.79 -3.59 10.28	108.39 -2.29 4.03	93.61 -2.40 0.00	81.26 -0.16 0.00	65.14 -0.13 0.00

FREEPORT_EQUS_GT1 23764	63.66 4.33 -0.01	56.83 4.01 0.00	53.03 3.74 0.00	52.31 3.42 0.00	52.61 3.07 0.00	52.52 3.67 0.00	52.37 3.92 0.00	54.35 4.90 0.00	59.47 5.40 -0.01	66.23 6.40 -0.04	71.13 5.63 0.00	106.72 7.37 -16.57	106.75 10.52 -3.88	153.27 11.52 -46.49	212.77 12.49 -98.72	302.05 12.59 -187.93	404.93 14.49 -277.27	464.00 17.18 -313.66	373.33 18.38 -209.07	261.67 17.38 -100.64	154.43 13.19 -26.52	107.37 9.80 -1.56	86.64 5.22 0.00	69.71 4.44 0.00
FREEPORT___CT2 23818	63.66 4.33 -0.01	56.83 4.01 0.00	53.03 3.74 0.00	52.31 3.42 0.00	52.61 3.07 0.00	52.52 3.67 0.00	52.37 3.92 0.00	54.35 4.90 0.00	59.47 5.40 -0.01	66.23 6.40 -0.04	71.13 5.63 0.00	106.72 7.37 -16.57	106.75 10.52 -3.88	153.27 11.52 -46.49	212.77 12.49 -98.72	302.05 12.59 -187.93	404.93 14.49 -277.27	464.00 17.18 -313.66	373.33 18.38 -209.07	261.67 17.38 -100.64	154.43 13.19 -26.52	107.37 9.80 -1.56	86.64 5.22 0.00	69.71 4.44 0.00
FRESHKLS_33_KV_LOAD 356253	54.64 2.67 7.34	53.42 2.75 2.14	52.34 3.06 0.00	51.88 2.98 0.00	52.21 2.67 0.00	52.12 3.27 0.00	51.98 3.54 0.00	52.90 3.61 0.16	53.03 3.89 4.92	55.38 4.37 8.78	60.21 4.52 9.80	77.84 6.29 11.23	93.51 9.05 7.90	129.22 9.53 -24.44	163.76 10.16 -52.05	177.05 10.15 -65.36	211.30 11.54 -86.60	240.44 13.45 -93.83	233.68 14.44 -73.36	208.05 13.65 -50.74	143.17 10.32 -18.12	95.40 7.97 8.58	82.02 5.21 4.61	64.32 3.85 4.79
FULTON COGEN____ 23766	58.61 -0.71 0.00	52.08 -0.74 0.00	48.45 -0.84 0.00	47.96 -0.93 0.00	48.54 -0.99 0.00	48.17 -0.68 0.00	47.82 -0.63 0.00	48.91 -0.54 0.00	53.51 -0.54 0.00	59.08 -0.72 0.00	64.84 -0.65 0.00	81.87 -0.91 0.00	91.34 -1.02 0.00	95.52 -0.95 -1.22	102.09 -0.71 -1.24	100.86 -0.61 0.06	112.06 -0.79 0.31	131.62 -0.80 0.74	145.00 -0.88 0.00	141.74 -0.86 1.05	113.62 -0.69 0.41	95.53 -0.48 0.00	80.36 -1.06 0.00	64.48 -0.78 0.00
FULTON___LFGE 323630	64.66 5.34 0.00	57.57 4.76 0.00	53.62 4.34 0.00	53.14 4.25 0.00	53.89 4.36 0.00	53.54 4.69 0.00	53.05 4.60 0.00	53.85 4.40 0.00	58.60 4.54 0.00	64.90 4.96 -0.14	71.06 5.56 0.00	89.98 7.20 0.00	103.92 8.13 -3.44	131.07 8.19 -27.62	144.73 8.83 -34.33	226.42 8.94 -115.95	185.50 9.28 -63.06	188.99 11.31 -44.51	343.88 13.13 -184.87	324.99 14.22 -167.11	228.83 11.82 -102.29	112.48 10.17 -6.30	89.73 8.31 0.00	71.67 6.40 0.00
G.F.CEMENT___DRP 24184	62.94 3.62 0.00	56.09 3.27 0.00	52.29 3.01 0.00	51.78 2.88 0.00	52.46 2.92 0.00	52.07 3.22 0.00	51.69 3.25 0.00	52.81 3.36 0.00	57.62 3.57 0.00	64.07 4.01 -0.27	69.76 4.26 0.00	88.17 5.38 0.00	105.30 6.19 -6.76	134.77 6.70 -33.32	148.66 7.01 -40.39	239.96 7.01 -131.42	192.40 7.70 -71.55	193.44 9.19 -51.09	386.85 11.09 -229.88	377.22 11.35 -222.21	276.01 9.29 -152.00	125.99 7.49 -22.50	87.53 6.11 0.00	69.97 4.70 0.00
GARDENVILLE___LBMP 24039	57.90 -1.42 0.00	51.07 -1.74 0.00	47.02 -2.27 0.00	45.86 -3.03 0.00	46.41 -3.12 0.00	46.41 -2.44 0.00	45.83 -2.62 0.00	46.63 -2.82 0.00	50.97 -3.08 0.00	55.67 -4.13 0.00	61.24 -4.26 0.00	76.82 -5.96 0.00	84.76 -7.57 0.02	88.51 -7.62 -0.88	96.75 -7.21 -2.40	99.47 -6.50 -4.44	108.92 -6.79 -2.55	128.00 -7.06 -1.89	144.46 -9.04 -7.63	140.63 -8.76 -5.74	112.91 -6.08 -4.27	90.72 -5.57 -0.28	76.37 -5.05 0.00	62.72 -2.55 0.00
GARDNVLA_35_KV_LD 355827	58.19 -1.13 0.00	51.28 -1.53 0.00	47.22 -2.07 0.00	46.06 -2.84 0.00	46.56 -2.97 0.00	46.60 -2.25 0.00	46.02 -2.42 0.00	46.83 -2.62 0.00	51.24 -2.81 0.00	56.03 -3.77 0.00	61.63 -3.86 0.00	77.24 -5.55 0.00	85.32 -7.02 0.02	89.10 -7.05 -0.90	97.39 -6.60 -2.43	100.11 -5.89 -4.46	109.62 -6.11 -2.57	128.81 -6.26 -1.90	145.38 -8.17 -7.67	141.39 -8.04 -5.78	113.62 -5.39 -4.29	91.20 -5.09 -0.28	76.70 -4.72 0.00	63.05 -2.22 0.00
GELCKHM___115KV_LOAD 80723	58.90 -0.42 0.00	52.34 -0.48 0.00	48.69 -0.59 0.00	48.16 -0.73 0.00	48.79 -0.74 0.00	48.36 -0.49 0.00	48.06 -0.39 0.00	49.15 -0.30 0.00	53.78 -0.27 0.00	59.32 -0.48 0.00	65.04 -0.46 0.00	82.12 -0.66 0.00	91.61 -0.74 0.00	96.08 -0.57 -1.40	102.70 -0.30 -1.45	101.18 -0.30 0.05	112.57 -0.34 0.25	132.29 -0.27 0.60	145.44 -0.44 0.00	142.23 -0.57 0.85	113.93 -0.46 0.33	95.62 -0.38 0.00	80.52 -0.90 0.00	64.62 -0.65 0.00
GENERAL___MILLS 23808	58.07 -1.25 0.00	51.18 -1.64 0.00	47.12 -2.17 0.00	46.01 -2.88 0.00	46.51 -3.02 0.00	46.51 -2.34 0.00	45.93 -2.52 0.00	46.73 -2.72 0.00	51.08 -2.97 0.00	55.85 -3.95 0.00	61.44 -4.06 0.00	76.99 -5.79 0.00	85.04 -7.30 0.02	88.81 -7.33 -0.89	97.08 -6.91 -2.42	99.80 -6.19 -4.45	109.27 -6.45 -2.56	128.40 -6.66 -1.90	144.93 -8.61 -7.66	141.09 -8.33 -5.77	113.27 -5.74 -4.28	90.91 -5.38 -0.28	76.53 -4.89 0.00	62.85 -2.41 0.00
GE_PLASTICS___DRP 24183	59.56 0.24 0.00	53.18 0.37 0.00	49.73 0.44 0.00	49.43 0.54 0.00	50.03 0.50 0.00	49.68 0.83 0.00	49.32 0.87 0.00	50.29 0.84 0.00	54.92 0.86 0.00	60.23 0.96 0.53	66.42 0.98 0.06	83.80 1.08 0.06	77.44 2.03 16.94	76.32 2.38 21.32	86.36 2.64 17.84	87.82 2.64 16.35	95.83 3.06 20.39	112.29 3.46 24.33	130.05 3.50 19.32	128.57 3.16 18.25	108.95 2.41 8.18	87.68 2.02 10.35	82.48 1.06 0.00	66.18 0.91 0.00
GILBOA___1 23756	60.33 1.01 0.00	53.82 1.00 0.00	50.42 1.13 0.00	50.31 1.42 0.00	51.12 1.58 0.00	50.75 1.90 0.00	50.29 1.84 0.00	50.93 1.48 0.00	55.62 1.57 0.00	61.65 1.86 0.00	67.46 1.96 0.00	85.27 2.48 0.00	95.95 3.60 0.00	113.98 4.00 -14.73	122.45 4.17 -16.73	127.42 3.65 -22.23	130.00 4.07 -12.77	147.07 4.66 -9.25	188.12 4.96 -37.28	177.66 4.46 -29.54	139.24 3.67 -20.84	100.91 3.55 -1.35	83.53 2.11 0.00	67.03 1.76 0.00
GILBOA___2 23757	60.33 1.01 0.00	53.82 1.00 0.00	50.42 1.13 0.00	50.31 1.42 0.00	51.12 1.58 0.00	50.75 1.90 0.00	50.29 1.84 0.00	50.93 1.48 0.00	55.62 1.57 0.00	61.65 1.86 0.00	67.46 1.96 0.00	85.27 2.48 0.00	95.95 3.60 0.00	113.98 4.00 -14.73	122.45 4.17 -16.73	127.42 3.65 -22.23	130.00 4.07 -12.77	147.07 4.66 -9.25	188.12 4.96 -37.28	177.66 4.46 -29.54	139.24 3.67 -20.84	100.91 3.55 -1.35	83.53 2.11 0.00	67.03 1.76 0.00
GILBOA___3 23758	60.33 1.01 0.00	53.82 1.00 0.00	50.42 1.13 0.00	50.31 1.42 0.00	51.12 1.58 0.00	50.75 1.90 0.00	50.29 1.84 0.00	50.93 1.48 0.00	55.62 1.57 0.00	61.65 1.86 0.00	67.46 1.96 0.00	85.27 2.48 0.00	95.95 3.60 0.00	113.98 4.00 -14.73	122.45 4.17 -16.73	127.42 3.65 -22.23	130.00 4.07 -12.77	147.07 4.66 -9.25	188.12 4.96 -37.28	177.66 4.46 -29.54	139.24 3.67 -20.84	100.91 3.55 -1.35	83.53 2.11 0.00	67.03 1.76 0.00
GILBOA___4 23759	60.33 1.01 0.00	53.82 1.00 0.00	50.42 1.13 0.00	50.31 1.42 0.00	51.12 1.58 0.00	50.75 1.90 0.00	50.29 1.84 0.00	50.93 1.48 0.00	55.62 1.57 0.00	61.65 1.86 0.00	67.46 1.96 0.00	85.27 2.48 0.00	95.95 3.60 0.00	113.98 4.00 -14.73	122.45 4.17 -16.73	127.42 3.65 -22.23	130.00 4.07 -12.77	147.07 4.66 -9.25	188.12 4.96 -37.28	177.66 4.46 -29.54	139.24 3.67 -20.84	100.91 3.55 -1.35	83.53 2.11 0.00	67.03 1.76 0.00

GILBOA____ 23599	60.33 1.01 0.00	53.77 0.95 0.00	50.42 1.13 0.00	50.31 1.42 0.00	51.12 1.59 0.00	50.76 1.91 0.00	50.29 1.84 0.00	50.88 1.43 0.00	55.62 1.57 0.00	61.59 1.79 0.00	67.46 1.96 0.00	85.27 2.48 0.00	95.96 3.60 0.00	113.98 4.00 -14.73	122.45 4.16 -16.73	127.32 3.55 -22.23	130.02 4.07 -12.79	147.08 4.66 -9.26	188.15 4.96 -37.31	177.68 4.45 -29.57	139.25 3.67 -20.86	100.91 3.55 -1.35	83.54 2.12 0.00	67.03 1.76 0.00
GINNA____ 23603	56.83 -2.49 0.00	50.12 -2.69 0.00	46.48 -2.81 0.00	45.62 -3.28 0.00	46.22 -3.32 0.00	45.92 -2.93 0.00	45.49 -2.96 0.00	46.48 -2.97 0.00	51.24 -2.81 0.00	56.45 -3.35 0.00	62.29 -3.21 0.00	78.39 -4.39 0.00	86.53 -5.82 0.01	90.44 -5.81 -1.00	98.90 -4.67 -2.01	96.46 -5.07 0.00	107.40 -5.77 0.00	127.17 -5.99 0.00	138.44 -7.43 0.00	136.18 -7.48 0.00	108.99 -5.73 0.00	91.12 -4.89 0.00	76.54 -4.88 0.00	61.74 -3.53 0.00
GLEN PARK____ 23778	62.11 2.79 0.00	54.98 2.17 0.00	51.11 1.82 0.00	50.80 1.90 0.00	51.61 2.08 0.00	51.15 2.30 0.00	50.91 2.47 0.00	51.78 2.32 0.00	56.49 2.43 0.00	62.13 2.33 0.00	68.12 2.62 0.00	85.76 2.98 0.00	95.03 2.68 0.00	98.60 2.57 -0.77	104.06 2.14 -0.36	103.88 2.84 0.49	113.91 3.16 2.41	132.19 4.79 5.76	153.31 7.44 0.00	143.89 8.33 8.09	118.89 7.35 3.18	102.73 6.72 0.00	86.47 5.05 0.00	69.05 3.78 0.00
GLENDALE_27_KV_LOAD 356172	62.58 3.26 0.00	56.14 3.33 0.00	52.54 3.25 0.00	52.02 3.13 0.00	52.56 3.02 0.00	52.37 3.52 0.00	52.32 3.88 0.00	53.80 4.35 0.00	58.76 4.70 0.00	64.91 5.08 -0.03	70.74 5.24 0.00	89.90 7.12 0.00	104.05 10.07 -1.63	152.32 10.76 -46.30	211.70 11.58 -98.56	300.68 11.68 -187.47	362.00 13.13 -235.71	408.07 15.45 -259.46	259.83 16.48 -97.47	210.22 15.66 -50.91	152.17 11.82 -25.63	106.59 9.02 -1.56	87.36 5.94 0.00	69.71 4.44 0.00
GLENWOOD_IC_1_G5 23712	63.00 3.68 0.00	56.14 3.33 0.00	52.44 3.15 0.00	51.78 2.88 0.00	52.21 2.67 0.00	52.07 3.22 0.00	51.93 3.49 0.00	53.65 4.20 0.00	58.97 4.92 0.00	65.21 5.38 -0.03	70.80 5.31 0.00	101.36 7.37 -11.20	105.76 10.25 -3.15	152.98 11.24 -46.49	212.46 12.19 -98.71	301.64 12.18 -187.93	398.21 13.92 -271.12	453.86 16.25 -304.46	362.98 17.21 -199.89	245.69 16.38 -85.65	153.52 12.28 -26.52	106.69 9.12 -1.56	86.55 5.13 0.00	69.31 4.05 0.00
GLENWOOD_IC_2_G1 23688	62.59 3.26 -0.01	55.93 3.12 0.00	52.29 3.01 0.00	51.68 2.79 0.00	52.16 2.62 0.00	51.98 3.13 0.00	51.89 3.44 0.00	53.65 4.20 0.00	58.60 4.54 -0.01	65.15 5.32 -0.04	70.80 5.30 0.00	95.56 7.12 -5.66	104.64 9.89 -2.40	152.51 10.76 -46.49	211.95 11.67 -98.72	301.03 11.57 -187.93	363.18 13.23 -236.79	411.59 15.44 -262.99	320.76 16.48 -158.41	229.57 15.80 -70.11	153.17 11.93 -26.52	106.50 8.93 -1.56	86.71 5.29 0.00	69.45 4.18 0.00
GLENWOOD_IC_3_G1 23689	62.59 3.26 -0.01	55.93 3.12 0.00	52.29 3.01 0.00	51.68 2.79 0.00	52.16 2.62 0.00	51.98 3.13 0.00	51.89 3.44 0.00	53.65 4.20 0.00	58.60 4.54 -0.01	65.15 5.32 -0.04	70.80 5.30 0.00	95.56 7.12 -5.66	104.64 9.89 -2.40	152.51 10.76 -46.49	211.95 11.67 -98.72	301.03 11.57 -187.93	363.18 13.23 -236.79	411.59 15.44 -262.99	320.76 16.48 -158.41	229.57 15.80 -70.11	153.17 11.93 -26.52	106.50 8.93 -1.56	86.71 5.29 0.00	69.45 4.18 0.00
GLENWOOD____4 23550	63.00 3.68 0.00	56.14 3.33 0.00	52.44 3.15 0.00	51.78 2.88 0.00	52.21 2.67 0.00	52.07 3.22 0.00	51.93 3.49 0.00	53.65 4.20 0.00	58.97 4.92 0.00	65.39 5.56 -0.03	71.00 5.50 0.00	101.52 7.53 -11.20	106.03 10.53 -3.15	153.17 11.43 -46.49	212.66 12.39 -98.71	301.95 12.49 -187.93	398.43 14.15 -271.12	454.13 16.51 -304.46	363.42 17.65 -199.89	245.97 16.66 -85.65	153.86 12.62 -26.52	106.98 9.41 -1.56	86.79 5.37 0.00	69.44 4.18 0.00
GLENWOOD____5 23614	63.00 3.68 0.00	56.14 3.33 0.00	52.44 3.15 0.00	51.78 2.88 0.00	52.21 2.67 0.00	52.07 3.22 0.00	51.93 3.49 0.00	53.65 4.20 0.00	58.97 4.92 0.00	65.39 5.56 -0.03	71.00 5.50 0.00	101.52 7.53 -11.20	106.03 10.53 -3.15	153.17 11.43 -46.49	212.66 12.39 -98.71	301.95 12.49 -187.93	398.43 14.15 -271.12	454.13 16.51 -304.46	363.42 17.65 -199.89	245.97 16.66 -85.65	153.86 12.62 -26.52	106.98 9.41 -1.56	86.79 5.37 0.00	69.44 4.18 0.00
GLOBAL GREEN_PORT_GT1 23814	64.78 5.45 -0.01	57.51 4.70 0.00	53.67 4.38 0.00	52.75 3.86 0.00	52.90 3.37 0.00	52.76 3.91 0.00	52.27 3.83 0.00	54.55 5.09 0.00	60.28 6.21 -0.01	67.72 7.89 -0.04	72.84 7.33 0.00	96.69 9.85 -4.06	108.11 14.50 -1.26	173.57 15.71 -62.60	224.71 14.32 -108.82	302.14 13.19 -187.41	368.40 15.62 -239.62	405.79 18.90 -253.72	319.30 20.27 -153.15	250.88 20.54 -86.69	156.99 18.47 -23.80	110.72 13.15 -1.56	88.18 6.75 0.00	71.60 6.33 0.00
GLOBE____DSASP 323697	55.88 -3.44 0.00	49.28 -3.54 0.00	45.34 -3.94 0.00	44.30 -4.60 0.00	44.83 -4.71 0.00	44.75 -4.10 0.00	44.13 -4.31 0.00	45.05 -4.40 0.00	49.14 -4.92 0.00	53.58 -6.22 0.00	58.88 -6.62 0.00	73.60 -9.19 0.00	80.70 -11.64 0.02	84.37 -11.81 -0.93	92.80 -10.87 -2.11	94.63 -10.97 -4.06	103.61 -11.88 -2.33	121.84 -13.05 -1.73	136.95 -15.90 -6.97	132.96 -15.95 -5.25	106.92 -11.70 -3.90	86.37 -9.89 -0.25	73.03 -8.39 0.00	59.98 -5.29 0.00
GOETHSLN____LBMP 323567	54.46 2.49 7.35	53.15 2.48 2.15	51.75 2.46 0.00	51.24 2.35 0.00	51.76 2.23 0.00	51.64 2.78 0.00	51.55 3.10 0.00	53.00 3.71 0.16	53.25 4.11 4.91	55.74 4.72 8.78	60.54 4.85 9.80	78.09 6.54 11.23	93.70 9.24 7.89	129.72 10.10 -24.36	164.31 10.77 -51.98	177.61 10.86 -65.21	211.74 12.33 -86.25	240.83 14.25 -93.42	234.20 15.17 -73.16	208.73 14.37 -50.71	143.62 10.78 -18.11	95.67 8.26 8.60	82.01 5.21 4.62	64.37 3.92 4.81
GOLAH____69_KV_TB 1_2 80279	59.50 0.18 0.00	52.55 -0.26 0.00	48.50 -0.79 0.00	47.43 -1.47 0.00	48.10 -1.44 0.00	47.87 -0.98 0.00	47.43 -1.02 0.00	48.51 -0.94 0.00	52.87 -1.19 0.00	57.82 -1.97 0.00	63.73 -1.77 0.00	79.80 -2.98 0.00	87.73 -4.62 0.01	91.76 -4.48 -0.98	100.57 -3.05 -2.06	98.18 -3.35 0.00	109.43 -3.73 0.00	131.20 -3.33 -1.36	146.99 -4.38 -5.49	143.48 -4.31 -4.14	114.92 -2.87 -3.07	93.62 -2.59 -0.20	78.73 -2.69 0.00	63.96 -1.31 0.00
GOODYEAR_LAKE_HYD 323669	62.05 2.73 0.00	55.14 2.32 0.00	51.40 2.12 0.00	51.09 2.20 0.00	51.86 2.33 0.00	51.64 2.78 0.00	51.30 2.86 0.00	52.22 2.77 0.00	57.14 3.08 0.00	63.25 3.41 -0.04	69.36 3.86 0.00	87.92 5.13 0.00	99.55 6.10 -1.10	109.41 6.48 -7.67	117.72 6.80 -9.35	151.41 6.70 -43.17	145.43 7.13 -25.14	159.90 8.39 -18.35	223.63 9.48 -68.27	212.21 9.05 -59.51	159.27 7.34 -37.21	104.65 6.34 -2.31	85.74 4.32 0.00	68.73 3.46 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	59.74 0.42 0.00	53.03 0.21 0.00	49.29 0.00 0.00	48.70 -0.20 0.00	49.34 -0.20 0.00	49.10 0.24 0.00	48.74 0.29 0.00	49.60 0.15 0.00	54.27 0.22 0.00	59.86 0.06 0.00	65.69 0.20 0.00	82.87 0.08 0.00	92.62 0.28 0.01	99.57 0.48 -3.83	107.77 0.71 -5.49	111.50 0.91 -9.05	119.73 1.36 -5.20	139.13 2.00 -3.97	163.77 1.90 -15.99	158.48 1.87 -12.96	125.27 1.61 -8.94	97.84 1.25 -0.58	81.75 0.33 0.00	65.92 0.65 0.00

GOUDEY___7 23579	59.74 0.42 0.00	53.03 0.21 0.00	49.29 0.00 0.00	48.70 -0.20 0.00	49.34 -0.20 0.00	49.10 0.24 0.00	48.74 0.29 0.00	49.60 0.15 0.00	54.27 0.22 0.00	59.86 0.06 0.00	65.69 0.20 0.00	82.87 0.08 0.00	92.62 0.28 0.01	99.57 0.48 -3.83	107.77 0.71 -5.49	111.50 0.91 -9.05	119.73 1.36 -5.20	139.13 2.00 -3.97	163.77 1.90 -15.99	158.48 1.87 -12.96	125.27 1.61 -8.94	97.84 1.25 -0.58	81.75 0.33 0.00	65.92 0.65 0.00
GOUDEY___8 23580	59.74 0.42 0.00	53.03 0.21 0.00	49.29 0.00 0.00	48.70 -0.20 0.00	49.34 -0.20 0.00	49.10 0.24 0.00	48.74 0.29 0.00	49.60 0.15 0.00	54.27 0.22 0.00	59.86 0.06 0.00	65.69 0.20 0.00	82.87 0.08 0.00	92.62 0.28 0.01	99.57 0.48 -3.83	107.77 0.71 -5.49	111.50 0.91 -9.05	119.73 1.36 -5.20	139.13 2.00 -3.97	163.77 1.90 -15.99	158.48 1.87 -12.96	125.27 1.61 -8.94	97.84 1.25 -0.58	81.75 0.33 0.00	65.92 0.65 0.00
GOWANUS_GT1_1 24077	62.40 3.08 0.00	55.98 3.17 0.00	52.49 3.20 0.00	51.97 3.08 0.00	52.41 2.87 0.00	52.22 3.37 0.00	52.13 3.68 0.00	53.46 4.01 0.00	58.38 4.32 0.00	64.61 4.78 -0.03	70.48 4.98 0.00	89.57 6.79 0.00	103.59 9.60 -1.63	151.56 10.00 -46.30	210.89 10.77 -98.56	299.67 10.66 -187.47	360.87 12.00 -235.71	406.73 14.12 -259.46	258.37 15.03 -97.47	208.79 14.22 -50.91	151.25 10.90 -25.63	106.02 8.45 -1.56	87.04 5.62 0.00	69.51 4.24 0.00
GOWANUS_GT1_2 24078	62.40 3.08 0.00	55.98 3.17 0.00	52.49 3.20 0.00	51.97 3.08 0.00	52.41 2.87 0.00	52.22 3.37 0.00	52.13 3.68 0.00	53.46 4.01 0.00	58.38 4.32 0.00	64.61 4.78 -0.03	70.48 4.98 0.00	89.57 6.79 0.00	103.59 9.60 -1.63	151.56 10.00 -46.30	210.89 10.77 -98.56	299.67 10.66 -187.47	360.87 12.00 -235.71	406.73 14.12 -259.46	258.37 15.03 -97.47	208.79 14.22 -50.91	151.25 10.90 -25.63	106.02 8.45 -1.56	87.04 5.62 0.00	69.51 4.24 0.00
GOWANUS_GT1_3 24079	62.40 3.08 0.00	55.98 3.17 0.00	52.49 3.20 0.00	51.97 3.08 0.00	52.41 2.87 0.00	52.22 3.37 0.00	52.13 3.68 0.00	53.46 4.01 0.00	58.38 4.32 0.00	64.61 4.78 -0.03	70.48 4.98 0.00	89.57 6.79 0.00	103.59 9.60 -1.63	151.56 10.00 -46.30	210.89 10.77 -98.56	299.67 10.66 -187.47	360.87 12.00 -235.71	406.73 14.12 -259.46	258.37 15.03 -97.47	208.79 14.22 -50.91	151.25 10.90 -25.63	106.02 8.45 -1.56	87.04 5.62 0.00	69.51 4.24 0.00
GOWANUS_GT1_4 24080	62.40 3.08 0.00	55.98 3.17 0.00	52.49 3.20 0.00	51.97 3.08 0.00	52.41 2.87 0.00	52.22 3.37 0.00	52.13 3.68 0.00	53.46 4.01 0.00	58.38 4.32 0.00	64.61 4.78 -0.03	70.48 4.98 0.00	89.57 6.79 0.00	103.59 9.60 -1.63	151.56 10.00 -46.30	210.89 10.77 -98.56	299.67 10.66 -187.47	360.87 12.00 -235.71	406.73 14.12 -259.46	258.37 15.03 -97.47	208.79 14.22 -50.91	151.25 10.90 -25.63	106.02 8.45 -1.56	87.04 5.62 0.00	69.51 4.24 0.00
GOWANUS_GT1_5 24084	62.40 3.08 0.00	55.98 3.17 0.00	52.49 3.20 0.00	51.97 3.08 0.00	52.41 2.87 0.00	52.22 3.37 0.00	52.13 3.68 0.00	53.46 4.01 0.00	58.38 4.32 0.00	64.61 4.78 -0.03	70.48 4.98 0.00	89.57 6.79 0.00	103.59 9.60 -1.63	151.56 10.00 -46.30	210.89 10.77 -98.56	299.67 10.66 -187.47	360.87 12.00 -235.71	406.73 14.12 -259.46	258.37 15.03 -97.47	208.79 14.22 -50.91	151.25 10.90 -25.63	106.02 8.45 -1.56	87.04 5.62 0.00	69.51 4.24 0.00

GOWANUS_GT2_6 24119	62.23 2.91 0.00	55.98 3.17 0.00	52.55 3.25 -0.01	51.93 3.03 -0.01	52.46 2.92 -0.01	52.07 3.22 0.00	52.08 3.64 0.00	53.75 4.30 0.00	58.32 4.27 0.00	64.66 4.84 -0.02	70.47 4.98 0.01	89.48 6.70 0.01	103.59 9.60 -1.63	151.55 10.00 -46.29	210.78 10.66 -98.55	299.66 10.66 -187.46	360.84 11.99 -235.69	406.71 14.11 -259.44	258.35 15.03 -97.44	208.77 14.22 -50.89	151.25 10.90 -25.62	105.91 8.35 -1.55	87.03 5.61 0.00	69.50 4.24 0.01
GOWANUS_GT2_7 24120	62.23 2.91 0.00	55.98 3.17 0.00	52.55 3.25 -0.01	51.93 3.03 -0.01	52.46 2.92 -0.01	52.07 3.22 0.00	52.08 3.64 0.00	53.75 4.30 0.00	58.32 4.27 0.00	64.66 4.84 -0.02	70.47 4.98 0.01	89.48 6.70 0.01	103.59 9.60 -1.63	151.55 10.00 -46.29	210.78 10.66 -98.55	299.66 10.66 -187.46	360.84 11.99 -235.69	406.71 14.11 -259.44	258.35 15.03 -97.44	208.77 14.22 -50.89	151.25 10.90 -25.62	105.91 8.35 -1.55	87.03 5.61 0.00	69.50 4.24 0.01
GOWANUS_GT2_8 24121	62.23 2.91 0.00	55.98 3.17 0.00	52.55 3.25 -0.01	51.93 3.03 -0.01	52.46 2.92 -0.01	52.07 3.22 0.00	52.08 3.64 0.00	53.75 4.30 0.00	58.32 4.27 0.00	64.66 4.84 -0.02	70.47 4.98 0.01	89.48 6.70 0.01	103.59 9.60 -1.63	151.55 10.00 -46.29	210.78 10.66 -98.55	299.66 10.66 -187.46	360.84 11.99 -235.69	406.71 14.11 -259.44	258.35 15.03 -97.44	208.77 14.22 -50.89	151.25 10.90 -25.62	105.91 8.35 -1.55	87.03 5.61 0.00	69.50 4.24 0.01
GOWANUS_GT3_1 24122	62.23 2.91 0.00	55.98 3.17 0.00	52.55 3.25 -0.01	51.93 3.03 -0.01	52.46 2.92 -0.01	52.07 3.22 0.00	52.08 3.64 0.00	53.75 4.30 0.00	58.32 4.27 0.00	64.66 4.84 -0.02	70.47 4.98 0.01	89.48 6.70 0.01	103.59 9.60 -1.63	151.55 10.00 -46.29	210.78 10.66 -98.55	299.66 10.66 -187.46	360.84 11.99 -235.69	406.71 14.11 -259.44	258.35 15.03 -97.44	208.77 14.22 -50.89	151.25 10.90 -25.62	105.91 8.35 -1.55	87.03 5.61 0.00	69.50 4.24 0.01
GOWANUS_GT3_2 24123	62.23 2.91 0.00	55.98 3.17 0.00	52.55 3.25 -0.01	51.93 3.03 -0.01	52.46 2.92 -0.01	52.07 3.22 0.00	52.08 3.64 0.00	53.75 4.30 0.00	58.32 4.27 0.00	64.66 4.84 -0.02	70.47 4.98 0.01	89.48 6.70 0.01	103.59 9.60 -1.63	151.55 10.00 -46.29	210.78 10.66 -98.55	299.66 10.66 -187.46	360.84 11.99 -235.69	406.71 14.11 -259.44	258.35 15.03 -97.44	208.77 14.22 -50.89	151.25 10.90 -25.62	105.91 8.35 -1.55	87.03 5.61 0.00	69.50 4.24 0.01
GOWANUS_GT3_3 24124	62.23 2.91 0.00	55.98 3.17 0.00	52.55 3.25 -0.01	51.93 3.03 -0.01	52.46 2.92 -0.01	52.07 3.22 0.00	52.08 3.64 0.00	53.75 4.30 0.00	58.32 4.27 0.00	64.66 4.84 -0.02	70.47 4.98 0.01	89.48 6.70 0.01	103.59 9.60 -1.63	151.55 10.00 -46.29	210.78 10.66 -98.55	299.66 10.66 -187.46	360.84 11.99 -235.69	406.71 14.11 -259.44	258.35 15.03 -97.44	208.77 14.22 -50.89	151.25 10.90 -25.62	105.91 8.35 -1.55	87.03 5.61 0.00	69.50 4.24 0.01
GOWANUS_GT3_4 24125	62.23 2.91 0.00	55.98 3.17 0.00	52.55 3.25 -0.01	51.93 3.03 -0.01	52.46 2.92 -0.01	52.07 3.22 0.00	52.08 3.64 0.00	53.75 4.30 0.00	58.32 4.27 0.00	64.66 4.84 -0.02	70.47 4.98 0.01	89.48 6.70 0.01	103.59 9.60 -1.63	151.55 10.00 -46.29	210.78 10.66 -98.55	299.66 10.66 -187.46	360.84 11.99 -235.69	406.71 14.11 -259.44	258.35 15.03 -97.44	208.77 14.22 -50.89	151.25 10.90 -25.62	105.91 8.35 -1.55	87.03 5.61 0.00	69.50 4.24 0.01
GOWANUS_GT3_5 24126	62.23 2.91 0.00	55.98 3.17 0.00	52.55 3.25 -0.01	51.93 3.03 -0.01	52.46 2.92 -0.01	52.07 3.22 0.00	52.08 3.64 0.00	53.75 4.30 0.00	58.32 4.27 0.00	64.66 4.84 -0.02	70.47 4.98 0.01	89.48 6.70 0.01	103.59 9.60 -1.63	151.55 10.00 -46.29	210.78 10.66 -98.55	299.66 10.66 -187.46	360.84 11.99 -235.69	406.71 14.11 -259.44	258.35 15.03 -97.44	208.77 14.22 -50.89	151.25 10.90 -25.62	105.91 8.35 -1.55	87.03 5.61 0.00	69.50 4.24 0.01
GOWANUS_GT3_6 24127	62.23 2.91 0.00	55.98 3.17 0.00	52.55 3.25 -0.01	51.93 3.03 -0.01	52.46 2.92 -0.01	52.07 3.22 0.00	52.08 3.64 0.00	53.75 4.30 0.00	58.32 4.27 0.00	64.66 4.84 -0.02	70.47 4.98 0.01	89.48 6.70 0.01	103.59 9.60 -1.63	151.55 10.00 -46.29	210.78 10.66 -98.55	299.66 10.66 -187.46	360.84 11.99 -235.69	406.71 14.11 -259.44	258.35 15.03 -97.44	208.77 14.22 -50.89	151.25 10.90 -25.62	105.91 8.35 -1.55	87.03 5.61 0.00	69.50 4.24 0.01
GOWANUS_GT3_7 24128	62.23 2.91 0.00	55.98 3.17 0.00	52.55 3.25 -0.01	51.93 3.03 -0.01	52.46 2.92 -0.01	52.07 3.22 0.00	52.08 3.64 0.00	53.75 4.30 0.00	58.32 4.27 0.00	64.66 4.84 -0.02	70.47 4.98 0.01	89.48 6.70 0.01	103.59 9.60 -1.63	151.55 10.00 -46.29	210.78 10.66 -98.55	299.66 10.66 -187.46	360.84 11.99 -235.69	406.71 14.11 -259.44	258.35 15.03 -97.44	208.77 14.22 -50.89	151.25 10.90 -25.62	105.91 8.35 -1.55	87.03 5.61 0.00	69.50 4.24 0.01
GOWANUS_GT3_8 24129	62.23 2.91 0.00	55.98 3.17 0.00	52.55 3.25 -0.01	51.93 3.03 -0.01	52.46 2.92 -0.01	52.07 3.22 0.00	52.08 3.64 0.00	53.75 4.30 0.00	58.32 4.27 0.00	64.66 4.84 -0.02	70.47 4.98 0.01	89.48 6.70 0.01	103.59 9.60 -1.63	151.55 10.00 -46.29	210.78 10.66 -98.55	299.66 10.66 -187.46	360.84 11.99 -235.69	406.71 14.11 -259.44	258.35 15.03 -97.44	208.77 14.22 -50.89	151.25 10.90 -25.62	105.91 8.35 -1.55	87.03 5.61 0.00	69.50 4.24 0.01
GOWANUS_GT4_1 24130	62.40 3.08 0.00	55.98 3.17 0.00	52.49 3.20 0.00	51.97 3.08 0.00	52.41 2.87 0.00	52.22 3.37 0.00	52.13 3.68 0.00	53.46 4.01 0.00	58.38 4.32 0.00	64.61 4.78 -0.03	70.48 4.98 0.00	89.57 6.79 0.00	103.59 9.60 -1.63	151.56 10.00 -46.30	210.79 10.66 -98.56	299.67 10.66 -187.47	360.87 12.00 -235.71	406.73 14.12 -259.46	258.37 15.03 -97.47	208.79 14.22 -50.91	151.14 10.78 -25.63	106.02 8.45 -1.56	87.04 5.62 0.00	69.51 4.24 0.00
GOWANUS_GT4_2 24131	62.40 3.08 0.00	55.98 3.17 0.00	52.49 3.20 0.00	51.97 3.08 0.00	52.41 2.87 0.00	52.22 3.37 0.00	52.13 3.68 0.00	53.46 4.01 0.00	58.38 4.32 0.00	64.61 4.78 -0.03	70.48 4.98 0.00	89.57 6.79 0.00	103.59 9.60 -1.63	151.56 10.00 -46.30	210.79 10.66 -98.56	299.67 10.66 -187.47	360.87 12.00 -235.71	406.73 14.12 -259.46	258.37 15.03 -97.47	208.79 14.22 -50.91	151.14 10.78 -25.63	106.02 8.45 -1.56	87.04 5.62 0.00	69.51 4.24 0.00
GOWANUS_GT4_3 24132	62.40 3.08 0.00	55.98 3.17 0.00	52.49 3.20 0.00	51.97 3.08 0.00	52.41 2.87 0.00	52.22 3.37 0.00	52.13 3.68 0.00	53.46 4.01 0.00	58.38 4.32 0.00	64.61 4.78 -0.03	70.48 4.98 0.00	89.57 6.79 0.00	103.59 9.60 -1.63	151.56 10.00 -46.30	210.79 10.66 -98.56	299.67 10.66 -187.47	360.87 12.00 -235.71	406.73 14.12 -259.46	258.37 15.03 -97.47	208.79 14.22 -50.91	151.14 10.78 -25.63	106.02 8.45 -1.56	87.04 5.62 0.00	69.51 4.24 0.00
GOWANUS_GT4_4 24133	62.40 3.08 0.00	55.98 3.17 0.00	52.49 3.20 0.00	51.97 3.08 0.00	52.41 2.87 0.00	52.22 3.37 0.00	52.13 3.68 0.00	53.46 4.01 0.00	58.38 4.32 0.00	64.61 4.78 -0.03	70.48 4.98 0.00	89.57 6.79 0.00	103.59 9.60 -1.63	151.56 10.00 -46.30	210.79 10.66 -98.56	299.67 10.66 -187.47	360.87 12.00 -235.71	406.73 14.12 -259.46	258.37 15.03 -97.47	208.79 14.22 -50.91	151.14 10.78 -25.63	106.02 8.45 -1.56	87.04 5.62 0.00	69.51 4.24 0.00

GOWANUS_GT4_5 24134	62.40 3.08 0.00	55.98 3.17 0.00	52.49 3.20 0.00	51.97 3.08 0.00	52.41 2.87 0.00	52.22 3.37 0.00	52.13 3.68 0.00	53.46 4.01 0.00	58.38 4.32 0.00	64.61 4.78 -0.03	70.48 4.98 0.00	89.57 6.79 0.00	103.59 9.60 -1.63	151.56 10.00 -46.30	210.79 10.66 -98.56	299.67 10.66 -187.47	360.87 12.00 -235.71	406.73 14.12 -259.46	258.37 15.03 -97.47	208.79 14.22 -50.91	151.14 10.78 -25.63	106.02 8.45 -1.56	87.04 5.62 0.00	69.51 4.24 0.00
GOWANUS_GT4_6 24135	62.40 3.08 0.00	55.98 3.17 0.00	52.49 3.20 0.00	51.97 3.08 0.00	52.41 2.87 0.00	52.22 3.37 0.00	52.13 3.68 0.00	53.46 4.01 0.00	58.38 4.32 0.00	64.61 4.78 -0.03	70.48 4.98 0.00	89.57 6.79 0.00	103.59 9.60 -1.63	151.56 10.00 -46.30	210.79 10.66 -98.56	299.67 10.66 -187.47	360.87 12.00 -235.71	406.73 14.12 -259.46	258.37 15.03 -97.47	208.79 14.22 -50.91	151.14 10.78 -25.63	106.02 8.45 -1.56	87.04 5.62 0.00	69.51 4.24 0.00
GOWANUS_GT4_7 24136	62.40 3.08 0.00	55.98 3.17 0.00	52.49 3.20 0.00	51.97 3.08 0.00	52.41 2.87 0.00	52.22 3.37 0.00	52.13 3.68 0.00	53.46 4.01 0.00	58.38 4.32 0.00	64.61 4.78 -0.03	70.48 4.98 0.00	89.57 6.79 0.00	103.59 9.60 -1.63	151.56 10.00 -46.30	210.79 10.66 -98.56	299.67 10.66 -187.47	360.87 12.00 -235.71	406.73 14.12 -259.46	258.37 15.03 -97.47	208.79 14.22 -50.91	151.14 10.78 -25.63	106.02 8.45 -1.56	87.04 5.62 0.00	69.51 4.24 0.00
GOWANUS_GT4_8 24137	62.40 3.08 0.00	55.98 3.17 0.00	52.49 3.20 0.00	51.97 3.08 0.00	52.41 2.87 0.00	52.22 3.37 0.00	52.13 3.68 0.00	53.46 4.01 0.00	58.38 4.32 0.00	64.61 4.78 -0.03	70.48 4.98 0.00	89.57 6.79 0.00	103.59 9.60 -1.63	151.56 10.00 -46.30	210.79 10.66 -98.56	299.67 10.66 -187.47	360.87 12.00 -235.71	406.73 14.12 -259.46	258.37 15.03 -97.47	208.79 14.22 -50.91	151.14 10.78 -25.63	106.02 8.45 -1.56	87.04 5.62 0.00	69.51 4.24 0.00
GREATVRV_69_KV_BK1 356245	64.66 5.34 0.00	57.25 4.44 0.00	53.43 4.14 0.00	52.61 3.72 0.00	52.85 3.32 0.00	52.76 3.91 0.00	52.56 4.12 0.00	54.59 5.14 0.00	60.43 6.38 0.00	67.54 7.71 -0.03	72.26 6.75 -0.01	100.57 8.86 -8.93	106.24 12.47 -1.41	165.99 13.53 -57.21	220.80 14.62 -104.61	303.19 14.21 -187.44	371.53 16.52 -241.84	410.01 19.71 -257.14	323.55 21.30 -156.38	243.98 20.69 -79.64	154.60 15.95 -23.93	109.09 11.52 -1.56	87.70 6.27 -0.01	70.55 5.29 0.00
GREENBSH_115KV_TB3 55895	59.85 0.53 0.00	53.50 0.69 0.00	50.02 0.74 0.00	49.68 0.78 0.00	50.28 0.74 0.00	49.93 1.07 0.00	49.61 1.16 0.00	50.59 1.14 0.00	55.24 1.19 0.00	60.19 1.32 0.92	67.07 1.57 0.00	84.44 1.66 0.00	65.77 2.68 29.26	48.97 3.05 49.33	58.87 3.45 46.15	46.38 3.45 58.61	68.54 3.85 48.47	88.23 4.39 49.32	96.30 4.67 54.24	78.77 4.17 69.05	81.66 3.10 36.16	81.78 2.50 16.73	83.05 1.63 0.00	66.70 1.44 0.00
GREENDGE_115KV_TB5 80291	59.56 0.24 0.00	52.66 -0.16 0.00	48.74 -0.54 0.00	47.96 -0.93 0.00	48.54 -0.99 0.00	48.41 -0.44 0.00	48.15 -0.29 0.00	49.15 -0.30 0.00	53.73 -0.32 0.00	59.02 -0.78 0.00	64.91 -0.59 0.00	81.71 -1.08 0.00	90.36 -1.94 0.05	91.81 -1.81 1.64	103.60 -1.32 -3.36	105.98 -1.02 -5.46	115.51 -0.79 -3.14	135.07 -0.40 -2.31	155.47 0.29 -9.30	151.37 0.14 -7.57	120.73 0.80 -5.20	96.83 0.48 -0.34	81.18 -0.24 0.00	65.53 0.26 0.00
GREENIDGE___3 23582	59.56 0.24 0.00	52.66 -0.16 0.00	48.74 -0.54 0.00	47.96 -0.93 0.00	48.54 -0.99 0.00	48.41 -0.44 0.00	48.15 -0.29 0.00	49.15 -0.30 0.00	53.73 -0.32 0.00	59.02 -0.78 0.00	64.91 -0.59 0.00	81.71 -1.08 0.00	90.36 -1.94 0.05	91.81 -1.81 1.64	103.60 -1.32 -3.36	105.98 -1.02 -5.46	115.51 -0.79 -3.14	135.07 -0.40 -2.31	155.47 0.29 -9.30	151.37 0.14 -7.57	120.73 0.80 -5.20	96.83 0.48 -0.34	81.18 -0.24 0.00	65.53 0.26 0.00
GREENIDGE___4 23583	59.56 0.24 0.00	52.60 -0.21 0.00	48.74 -0.54 0.00	47.92 -0.98 0.00	48.54 -0.99 0.00	48.41 -0.44 0.00	48.06 -0.39 0.00	48.86 -0.59 0.00	53.73 -0.32 0.00	59.08 -0.71 0.00	64.91 -0.59 0.00	81.80 -0.99 0.00	90.36 -1.94 0.05	91.81 -1.81 1.64	103.60 -1.32 -3.36	105.98 -1.02 -5.46	115.56 -0.79 -3.18	135.44 0.00 -2.28	155.34 0.29 -9.17	151.14 0.00 -7.48	120.66 0.81 -5.13	96.73 0.39 -0.33	81.18 -0.24 0.00	65.53 0.26 0.00
GREENLWN_69_KV_BK 3 55738	63.00 3.68 0.00	55.93 3.12 0.00	52.24 2.96 0.00	51.48 2.59 0.00	51.81 2.28 0.00	51.68 2.83 0.00	51.50 3.05 0.00	53.41 3.96 0.00	58.97 4.92 0.00	65.74 5.92 -0.03	69.69 4.19 0.00	90.91 6.04 -2.08	102.83 9.14 -1.33	128.88 10.10 -23.52	190.35 10.97 -77.82	301.76 10.86 -189.36	368.93 12.45 -243.32	405.80 14.78 -257.86	317.63 15.61 -156.14	178.02 14.80 -19.57	149.79 11.24 -23.83	105.25 7.68 -1.56	84.75 3.34 0.00	67.94 2.68 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	62.40 3.08 0.00	55.98 3.17 0.00	52.49 3.20 0.00	51.97 3.08 0.00	52.41 2.87 0.00	52.22 3.37 0.00	52.13 3.68 0.00	53.46 4.01 0.00	58.38 4.32 0.00	64.61 4.78 -0.03	70.48 4.98 0.00	89.57 6.79 0.00	103.59 9.60 -1.63	151.56 10.00 -46.30	210.89 10.77 -98.56	299.67 10.66 -187.47	360.98 12.11 -235.71	406.73 14.12 -259.46	258.37 15.03 -97.47	208.79 14.22 -50.91	151.25 10.90 -25.63	106.02 8.45 -1.56	87.04 5.62 0.00	69.51 4.24 0.00
GRISSOM___SOLAR 323813	64.19 4.87 0.00	57.15 4.33 0.00	53.28 3.99 0.00	52.81 3.91 0.00	53.50 3.96 0.00	53.20 4.35 0.00	52.71 4.26 0.00	53.55 4.10 0.00	58.32 4.27 0.00	64.61 4.67 -0.15	70.67 5.17 0.00	89.41 6.63 0.00	103.42 7.57 -3.49	130.49 7.71 -27.52	144.20 8.33 -34.31	227.47 8.33 -117.61	185.88 8.83 -63.89	188.87 10.66 -45.05	345.79 12.39 -187.52	326.45 13.21 -169.59	229.41 10.90 -103.79	111.81 9.41 -6.39	89.07 7.65 0.00	71.14 5.88 0.00
GROVEVILLE___HYD 323602	62.40 3.08 0.00	55.61 2.80 0.00	51.95 2.66 0.00	51.44 2.54 0.00	52.01 2.48 0.00	51.83 2.98 0.00	51.64 3.20 0.00	53.01 3.56 0.00	58.00 3.95 0.00	64.46 4.66 0.00	70.54 5.04 0.00	89.41 6.62 0.00	102.68 8.96 -1.37	122.75 10.00 -17.49	131.67 10.87 -19.24	140.85 10.97 -28.35	138.02 12.56 -12.30	154.52 14.65 -6.72	207.56 15.46 -46.21	198.84 14.80 -40.39	152.56 11.24 -26.59	106.43 8.83 -1.59	87.36 5.94 0.00	69.84 4.57 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	59.38 0.06 0.00	52.71 -0.11 0.00	49.04 -0.25 0.00	48.50 -0.39 0.00	49.14 -0.40 0.00	48.75 -0.10 0.00	48.45 0.00 0.00	49.50 0.05 0.00	54.22 0.16 0.00	59.62 -0.18 0.00	65.37 -0.13 0.00	82.54 -0.25 0.00	92.08 -0.28 0.00	96.73 -0.10 -1.57	103.30 0.10 -1.64	101.69 0.20 0.05	113.05 0.11 0.22	133.02 0.40 0.54	146.17 0.29 0.00	143.03 0.14 0.77	114.53 0.11 0.30	96.20 0.19 0.00	80.93 -0.49 0.00	64.94 -0.33 0.00
HAMLTNNY_34_KV_TB 80303	59.56 0.24 0.00	52.87 0.05 0.00	49.14 -0.15 0.00	48.50 -0.39 0.00	49.14 -0.40 0.00	48.80 -0.05 0.00	48.49 0.05 0.00	49.60 0.15 0.00	54.27 0.22 0.00	59.80 0.00 0.00	65.69 0.20 0.00	82.95 0.17 0.00	92.45 0.09 0.00	97.13 0.19 -1.69	103.94 0.61 -1.77	102.21 0.71 0.04	113.76 0.79 0.20	133.89 1.20 0.47	147.04 1.17 0.00	143.99 1.01 0.67	115.38 0.92 0.26	96.78 0.77 0.00	81.34 -0.08 0.00	65.33 0.07 0.00

HAMPSHIRE___PAPER_HYD 323593	60.03 0.71 0.00	53.29 0.47 0.00	49.68 0.39 0.00	49.38 0.49 0.00	50.13 0.60 0.00	49.20 0.34 0.00	48.83 0.39 0.00	49.75 0.30 0.00	54.16 0.11 0.00	59.80 0.00 0.00	65.43 -0.07 0.00	82.21 -0.58 0.00	90.60 -1.76 0.00	93.43 -2.19 -0.36	97.35 -3.35 0.86	97.47 -2.74 1.33	103.53 -3.17 6.46	114.38 -3.32 15.45	143.69 -2.18 0.00	120.37 -1.58 21.71	105.40 -0.80 8.52	95.63 -0.38 0.00	82.40 0.98 0.00	66.05 0.79 0.00
HARDSCRABBLE_WT_PWR 323673	58.13 -1.19 0.00	51.70 -1.11 0.00	48.25 -1.04 0.00	47.96 -0.93 0.00	48.69 -0.84 0.00	48.21 -0.64 0.00	47.91 -0.53 0.00	48.91 -0.54 0.00	53.51 -0.54 0.00	59.26 -0.54 0.00	64.91 -0.59 0.00	82.04 -0.75 0.00	91.52 -0.83 0.00	94.40 -0.86 0.00	100.41 -1.11 0.04	100.38 -1.11 0.04	111.49 -1.47 0.20	130.96 -1.73 0.47	144.28 -1.60 0.00	141.42 -1.58 0.66	113.32 -1.15 0.26	95.34 -0.67 0.00	80.53 -0.89 0.00	64.55 -0.72 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	61.93 2.61 0.00	55.19 2.38 0.00	51.55 2.27 0.00	51.00 2.10 0.00	51.61 2.08 0.00	51.44 2.59 0.00	51.26 2.81 0.00	52.66 3.21 0.00	57.68 3.62 0.00	64.10 4.31 0.00	70.08 4.58 0.00	88.83 6.04 0.00	102.14 8.40 -1.38	135.02 9.43 -30.33	137.27 10.16 -25.55	166.86 10.25 -55.07	215.54 11.66 -90.72	244.80 13.58 -98.06	252.79 14.44 -92.47	201.74 13.79 -44.29	149.82 10.32 -24.77	105.55 8.06 -1.47	86.71 5.29 0.00	69.31 4.05 0.00
HARSNRAD_115KV_TB1 81005	57.12 -2.19 0.00	50.33 -2.48 0.00	46.33 -2.96 0.00	45.23 -3.67 0.00	45.72 -3.81 0.00	45.68 -3.18 0.00	44.96 -3.49 0.00	45.69 -3.76 0.00	49.84 -4.22 0.00	54.41 -5.38 0.00	59.80 -5.70 0.00	74.75 -8.03 0.00	81.99 -10.34 0.02	85.70 -10.48 -0.92	94.12 -9.65 -2.20	95.98 -9.54 -3.99	105.16 -10.30 -2.30	123.81 -11.05 -1.70	139.17 -13.57 -6.86	135.31 -13.50 -5.16	108.80 -9.75 -3.83	87.90 -8.35 -0.25	74.17 -7.25 0.00	61.03 -4.24 0.00
HARZA MOOSE___RIVER 24016	60.68 1.36 0.00	53.87 1.06 0.00	50.17 0.89 0.00	49.87 0.98 0.00	50.62 1.09 0.00	50.07 1.22 0.00	49.80 1.36 0.00	50.84 1.38 0.00	55.46 1.41 0.00	61.23 1.44 0.00	67.14 1.64 0.00	84.77 1.99 0.00	94.02 1.66 0.00	97.39 1.71 -0.42	103.08 1.42 -0.10	103.30 2.13 0.37	113.74 2.38 1.80	132.19 3.33 4.30	150.84 4.96 0.00	142.39 4.74 6.00	116.61 4.24 2.36	99.75 3.74 0.00	84.43 3.01 0.00	67.55 2.28 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	58.96 -0.36 0.00	52.34 -0.48 0.00	48.69 -0.59 0.00	48.16 -0.73 0.00	48.79 -0.74 0.00	48.41 -0.44 0.00	48.11 -0.34 0.00	49.15 -0.30 0.00	53.84 -0.22 0.00	59.44 -0.36 0.00	65.30 -0.20 0.00	82.45 -0.33 0.00	91.98 -0.37 0.00	96.37 -0.29 -1.40	103.01 0.00 -1.45	101.58 0.10 0.05	112.91 0.00 0.26	132.68 0.13 0.61	145.88 0.00 0.00	142.65 -0.14 0.86	114.27 -0.11 0.34	96.01 0.00 0.00	80.77 -0.65 0.00	64.81 -0.46 0.00
HELLGATE_13_KV_LD 55870	62.59 3.26 0.00	56.20 3.38 0.00	52.59 3.30 0.00	52.02 3.13 0.00	52.56 3.02 0.00	52.37 3.52 0.00	52.32 3.88 0.00	53.80 4.35 0.00	58.70 4.65 0.00	64.91 5.08 -0.03	70.74 5.24 0.00	89.90 7.12 0.00	104.05 10.07 -1.63	152.32 10.76 -46.30	211.80 11.68 -98.56	300.78 11.78 -187.47	362.11 13.24 -235.71	408.07 15.45 -259.46	281.57 16.48 -119.21	211.45 15.66 -52.14	152.51 11.82 -25.97	106.60 9.02 -1.57	87.37 5.94 0.00	69.71 4.44 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	62.59 3.26 0.00	56.20 3.38 0.00	52.59 3.30 0.00	52.02 3.13 0.00	52.56 3.02 0.00	52.37 3.52 0.00	52.32 3.88 0.00	53.80 4.35 0.00	58.70 4.65 0.00	64.91 5.08 -0.03	70.74 5.24 0.00	89.90 7.12 0.00	104.05 10.07 -1.63	152.32 10.76 -46.30	211.80 11.68 -98.56	300.78 11.78 -187.47	362.11 13.24 -235.71	408.07 15.45 -259.46	281.57 16.48 -119.21	211.45 15.66 -52.14	152.51 11.82 -25.97	106.60 9.02 -1.57	87.37 5.94 0.00	69.71 4.44 -0.01
HEMPSTEAD____ 23647	63.01 3.68 -0.01	56.30 3.48 0.00	52.59 3.30 0.00	51.88 2.98 0.00	52.26 2.72 0.00	52.12 3.27 0.00	52.03 3.58 0.00	53.90 4.45 0.00	58.98 4.92 -0.01	65.63 5.80 -0.04	70.80 5.30 0.00	102.44 7.12 -12.53	105.84 10.16 -3.33	152.89 11.14 -46.49	212.36 12.08 -98.72	301.54 12.08 -187.93	397.74 13.80 -270.77	454.00 16.24 -304.60	363.25 17.35 -200.02	249.38 16.37 -89.35	153.63 12.39 -26.52	106.69 9.13 -1.56	86.14 4.72 0.00	69.12 3.85 0.00
HICKLING___1 23621	59.68 0.36 0.00	52.76 -0.05 0.00	48.89 -0.39 0.00	48.01 -0.88 0.00	48.59 -0.94 0.00	48.56 -0.29 0.00	48.15 -0.29 0.00	48.91 -0.54 0.00	53.57 -0.49 0.00	58.90 -0.90 0.00	64.71 -0.79 0.00	81.54 -1.24 0.00	90.74 -1.57 0.05	93.33 -1.43 0.50	104.59 -1.22 -4.25	107.93 -0.61 -7.01	116.85 -0.34 -4.03	136.69 0.53 -2.99	158.22 0.29 -12.05	154.16 0.72 -9.79	122.38 0.92 -6.74	97.02 0.58 -0.44	81.01 -0.41 0.00	65.79 0.52 0.00
HICKLING___2 23622	59.68 0.36 0.00	52.76 -0.05 0.00	48.89 -0.39 0.00	48.01 -0.88 0.00	48.59 -0.94 0.00	48.56 -0.29 0.00	48.15 -0.29 0.00	48.91 -0.54 0.00	53.57 -0.49 0.00	58.90 -0.90 0.00	64.71 -0.79 0.00	81.54 -1.24 0.00	90.74 -1.57 0.05	93.33 -1.43 0.50	104.59 -1.22 -4.25	107.93 -0.61 -7.01	116.85 -0.34 -4.03	136.69 0.53 -2.99	158.22 0.29 -12.05	154.16 0.72 -9.79	122.38 0.92 -6.74	97.02 0.58 -0.44	81.01 -0.41 0.00	65.79 0.52 0.00
HIGH FALLS___HY 23754	62.35 3.03 0.00	55.51 2.69 0.00	51.85 2.56 0.00	51.29 2.40 0.00	51.91 2.38 0.00	51.73 2.88 0.00	51.55 3.10 0.00	52.96 3.51 0.00	57.95 3.89 0.00	64.27 4.54 0.07	70.28 4.78 0.00	89.16 6.37 0.00	99.32 8.68 1.72	117.39 9.81 -12.32	126.16 10.66 -13.94	136.17 10.86 -23.77	143.35 12.67 -17.51	162.45 14.91 -14.38	206.24 16.05 -44.32	193.05 15.37 -34.02	151.36 11.70 -24.93	107.01 9.22 -1.78	87.53 6.11 0.00	69.90 4.63 0.00
HIGH_RIVER___SOLAR 323847	62.34 3.02 0.00	55.51 2.69 0.00	51.80 2.51 0.00	51.39 2.49 0.00	52.06 2.52 0.00	51.68 2.83 0.00	51.21 2.76 0.00	52.02 2.57 0.00	56.54 2.49 0.00	62.64 2.69 -0.15	68.45 2.95 0.00	86.51 3.73 0.00	100.56 4.52 -3.68	127.08 4.67 -27.16	140.95 5.18 -34.21	230.07 4.97 -123.57	185.45 5.43 -66.85	186.93 6.79 -46.98	351.24 8.31 -197.05	331.22 9.06 -178.51	231.36 7.45 -109.18	109.06 6.34 -6.72	86.30 4.88 0.00	69.12 3.85 0.00
HILLBURN___GT 23639	61.75 2.43 0.00	55.14 2.32 0.00	51.55 2.27 0.00	50.99 2.10 0.00	51.52 1.98 0.00	51.39 2.54 0.00	51.25 2.81 0.00	52.81 3.36 0.00	57.68 3.62 0.00	64.10 4.31 0.00	69.95 4.46 0.00	88.75 5.96 0.00	102.11 8.32 -1.44	137.32 9.24 -32.82	138.18 10.06 -26.56	170.92 10.05 -59.33	227.64 11.42 -103.05	258.76 13.31 -112.28	260.97 14.15 -100.94	203.12 13.50 -45.96	149.97 10.10 -25.15	105.18 7.68 -1.49	86.39 4.97 0.00	69.05 3.78 0.00
HILLSIDE_115KV_TB1 80332	58.90 -0.42 0.00	52.13 -0.69 0.00	48.35 -0.94 0.00	47.52 -1.37 0.00	48.15 -1.39 0.00	48.07 -0.78 0.00	47.62 -0.82 0.00	48.31 -1.14 0.00	52.92 -1.14 0.00	58.18 -1.61 0.00	63.93 -1.57 0.00	80.55 -2.24 0.00	89.82 -2.49 0.05	92.67 -2.48 0.11	103.54 -2.44 -4.42	106.98 -1.83 -7.27	115.76 -1.58 -4.18	135.07 -1.20 -3.11	156.80 -1.60 -12.53	152.39 -1.44 -10.17	120.92 -0.80 -7.01	95.60 -0.86 -0.45	79.95 -1.47 0.00	64.88 -0.39 0.00

HISHELDN_WT_PWR 323625	57.60 -1.72 0.00	50.65 -2.17 0.00	46.82 -2.46 0.00	45.72 -3.18 0.00	46.16 -3.37 0.00	46.26 -2.59 0.00	45.44 -3.00 0.00	45.79 -3.66 0.00	50.65 -3.40 0.00	55.37 -4.42 0.00	60.91 -4.59 0.00	76.57 -6.21 0.00	84.39 -7.94 0.02	88.16 -7.81 -0.71	96.85 -7.41 -2.69	99.55 -6.80 -4.81	108.98 -7.02 -2.83	128.54 -6.65 -2.03	145.60 -8.46 -8.18	141.92 -7.90 -6.16	114.02 -5.28 -4.58	91.41 -4.89 -0.30	76.94 -4.48 0.00	63.05 -2.22 0.00
HOLTSVILLE_IC_1 23690	63.72 4.39 -0.01	56.78 3.96 0.00	53.03 3.74 0.00	52.17 3.28 0.00	52.46 2.92 0.00	52.37 3.52 0.00	52.23 3.78 0.00	54.30 4.85 0.00	59.63 5.57 -0.01	66.59 6.75 -0.04	70.74 5.24 0.00	93.19 6.54 -3.86	103.67 10.07 -1.25	166.10 11.04 -59.80	219.89 11.78 -106.56	299.91 10.97 -187.41	365.45 12.78 -239.50	402.15 15.44 -253.55	315.34 16.48 -152.98	241.69 16.37 -81.66	151.36 12.85 -23.79	106.59 9.02 -1.56	85.57 4.15 0.00	69.05 3.78 0.00
HOLTSVILLE_IC_10 23699	64.13 4.80 -0.01	57.09 4.28 0.00	53.28 3.99 0.00	52.42 3.52 0.00	52.71 3.17 0.00	52.61 3.76 0.00	52.46 4.02 0.00	54.59 5.14 0.00	59.96 5.89 -0.01	67.06 7.23 -0.04	71.33 5.83 0.00	94.80 7.29 -4.73	104.72 11.08 -1.29	178.38 12.00 -71.12	230.29 13.00 -115.73	300.93 11.98 -187.42	367.12 13.92 -240.04	404.31 16.78 -254.37	317.72 18.09 -153.76	263.50 17.81 -102.04	152.66 14.11 -23.83	107.55 9.98 -1.56	86.23 4.80 0.00	69.64 4.37 0.00
HOLTSVILLE_IC_2 23691	63.72 4.39 -0.01	56.78 3.96 0.00	53.03 3.74 0.00	52.17 3.28 0.00	52.46 2.92 0.00	52.37 3.52 0.00	52.23 3.78 0.00	54.30 4.85 0.00	59.63 5.57 -0.01	66.59 6.75 -0.04	70.74 5.24 0.00	93.19 6.54 -3.86	103.67 10.07 -1.25	166.10 11.04 -59.80	219.89 11.78 -106.56	299.91 10.97 -187.41	365.45 12.78 -239.50	402.15 15.44 -253.55	315.34 16.48 -152.98	241.69 16.37 -81.66	151.36 12.85 -23.79	106.59 9.02 -1.56	85.57 4.15 0.00	69.05 3.78 0.00
HOLTSVILLE_IC_3 23692	63.72 4.39 -0.01	56.78 3.96 0.00	53.03 3.74 0.00	52.17 3.28 0.00	52.46 2.92 0.00	52.37 3.52 0.00	52.23 3.78 0.00	54.30 4.85 0.00	59.63 5.57 -0.01	66.59 6.75 -0.04	70.74 5.24 0.00	93.19 6.54 -3.86	103.67 10.07 -1.25	166.10 11.04 -59.80	219.89 11.78 -106.56	299.91 10.97 -187.41	365.45 12.78 -239.50	402.15 15.44 -253.55	315.34 16.48 -152.98	241.69 16.37 -81.66	151.36 12.85 -23.79	106.59 9.02 -1.56	85.57 4.15 0.00	69.05 3.78 0.00
HOLTSVILLE_IC_4 23693	63.72 4.39 -0.01	56.78 3.96 0.00	53.03 3.74 0.00	52.17 3.28 0.00	52.46 2.92 0.00	52.37 3.52 0.00	52.23 3.78 0.00	54.30 4.85 0.00	59.63 5.57 -0.01	66.59 6.75 -0.04	70.74 5.24 0.00	93.19 6.54 -3.86	103.67 10.07 -1.25	166.10 11.04 -59.80	219.89 11.78 -106.56	299.91 10.97 -187.41	365.45 12.78 -239.50	402.15 15.44 -253.55	315.34 16.48 -152.98	241.69 16.37 -81.66	151.36 12.85 -23.79	106.59 9.02 -1.56	85.57 4.15 0.00	69.05 3.78 0.00
HOLTSVILLE_IC_5 23694	63.72 4.39 -0.01	56.78 3.96 0.00	53.03 3.74 0.00	52.17 3.28 0.00	52.46 2.92 0.00	52.37 3.52 0.00	52.23 3.78 0.00	54.30 4.85 0.00	59.63 5.57 -0.01	66.59 6.75 -0.04	70.74 5.24 0.00	93.19 6.54 -3.86	103.67 10.07 -1.25	166.10 11.04 -59.80	219.89 11.78 -106.56	299.91 10.97 -187.41	365.45 12.78 -239.50	402.15 15.44 -253.55	315.34 16.48 -152.98	241.69 16.37 -81.66	151.36 12.85 -23.79	106.59 9.02 -1.56	85.57 4.15 0.00	69.05 3.78 0.00
HOLTSVILLE_IC_6 23695	64.13 4.80 -0.01	57.09 4.28 0.00	53.28 3.99 0.00	52.42 3.52 0.00	52.71 3.17 0.00	52.61 3.76 0.00	52.46 4.02 0.00	54.59 5.14 0.00	59.96 5.89 -0.01	67.06 7.23 -0.04	71.33 5.83 0.00	94.80 7.29 -4.73	104.72 11.08 -1.29	178.38 12.00 -71.12	230.29 13.00 -115.73	300.93 11.98 -187.42	367.12 13.92 -240.04	404.31 16.78 -254.37	317.72 18.09 -153.76	263.50 17.81 -102.04	152.66 14.11 -23.83	107.55 9.98 -1.56	86.23 4.80 0.00	69.64 4.37 0.00
HOLTSVILLE_IC_7 23696	64.13 4.80 -0.01	57.09 4.28 0.00	53.28 3.99 0.00	52.42 3.52 0.00	52.71 3.17 0.00	52.61 3.76 0.00	52.46 4.02 0.00	54.59 5.14 0.00	59.96 5.89 -0.01	67.06 7.23 -0.04	71.33 5.83 0.00	94.80 7.29 -4.73	104.72 11.08 -1.29	178.38 12.00 -71.12	230.29 13.00 -115.73	300.93 11.98 -187.42	367.12 13.92 -240.04	404.31 16.78 -254.37	317.72 18.09 -153.76	263.50 17.81 -102.04	152.66 14.11 -23.83	107.55 9.98 -1.56	86.23 4.80 0.00	69.64 4.37 0.00
HOLTSVILLE_IC_8 23697	64.13 4.80 -0.01	57.09 4.28 0.00	53.28 3.99 0.00	52.42 3.52 0.00	52.71 3.17 0.00	52.61 3.76 0.00	52.46 4.02 0.00	54.59 5.14 0.00	59.96 5.89 -0.01	67.06 7.23 -0.04	71.33 5.83 0.00	94.80 7.29 -4.73	104.72 11.08 -1.29	178.38 12.00 -71.12	230.29 13.00 -115.73	300.93 11.98 -187.42	367.12 13.92 -240.04	404.31 16.78 -254.37	317.72 18.09 -153.76	263.50 17.81 -102.04	152.66 14.11 -23.83	107.55 9.98 -1.56	86.23 4.80 0.00	69.64 4.37 0.00
HOLTSVILLE_IC_9 23698	64.13 4.80 -0.01	57.09 4.28 0.00	53.28 3.99 0.00	52.42 3.52 0.00	52.71 3.17 0.00	52.61 3.76 0.00	52.46 4.02 0.00	54.59 5.14 0.00	59.96 5.89 -0.01	67.06 7.23 -0.04	71.33 5.83 0.00	94.80 7.29 -4.73	104.72 11.08 -1.29	178.38 12.00 -71.12	230.29 13.00 -115.73	300.93 11.98 -187.42	367.12 13.92 -240.04	404.31 16.78 -254.37	317.72 18.09 -153.76	263.50 17.81 -102.04	152.66 14.11 -23.83	107.55 9.98 -1.56	86.23 4.80 0.00	69.64 4.37 0.00
HOMER_HL_115KV_TB2 355744	57.60 -1.72 0.00	50.86 -1.95 0.00	46.87 -2.41 0.00	45.72 -3.18 0.00	46.26 -3.27 0.00	46.41 -2.44 0.00	45.93 -2.52 0.00	46.48 -2.97 0.00	50.97 -3.08 0.00	55.79 -4.01 0.00	61.31 -4.19 0.00	76.91 -5.88 0.00	85.96 -6.37 0.02	89.27 -6.76 -0.78	96.21 -8.23 -2.87	100.63 -5.99 -5.09	109.98 -6.11 -2.93	128.81 -6.52 -2.17	146.61 -8.02 -8.75	142.78 -7.47 -6.59	114.22 -5.39 -4.90	91.24 -5.09 -0.32	76.53 -4.89 0.00	63.05 -2.22 0.00
HOWARD_WT_PWR 323690	58.61 -0.71 0.00	51.55 -1.27 0.00	47.71 -1.58 0.00	46.65 -2.25 0.00	47.16 -2.38 0.00	47.29 -1.57 0.00	46.85 -1.60 0.00	47.38 -2.08 0.00	52.16 -1.89 0.00	57.17 -2.63 0.00	62.81 -2.69 0.00	79.06 -3.72 0.00	87.23 -5.08 0.05	89.16 -5.05 1.05	100.34 -4.67 -3.45	103.47 -3.86 -5.79	112.82 -3.73 -3.39	133.19 -2.39 -2.42	153.30 -2.34 -9.77	150.47 -1.15 -7.96	120.30 0.11 -5.46	96.17 -0.19 -0.35	80.53 -0.89 0.00	65.66 0.39 0.00
HQ_GEN_CEDARS 23644	59.62 0.30 0.00	53.03 0.21 0.00	49.53 0.25 0.00	49.19 0.29 0.00	49.93 0.40 0.00	48.56 -0.29 0.00	48.11 -0.34 0.00	49.01 -0.45 0.00	53.35 -0.70 0.00	59.08 -0.72 0.00	64.52 -0.98 0.00	81.38 -1.41 0.00	89.77 -2.59 0.00	91.92 -3.33 0.00	93.50 -5.48 2.58	93.50 -5.28 2.75	93.75 -6.00 13.41	93.88 -7.19 32.09	138.44 -7.44 0.00	91.98 -6.61 45.07	91.98 -5.05 17.70	91.88 -4.13 0.00	80.69 -0.73 0.00	64.75 -0.52 0.00
HQ_GEN_CEDARS_PROXY 323590	59.62 0.30 0.00	53.03 0.21 0.00	49.53 0.25 0.00	49.24 0.34 0.00	49.93 0.39 0.00	48.56 -0.29 0.00	48.11 -0.34 0.00	49.00 -0.45 0.00	53.35 -0.70 0.00	59.02 -0.78 0.00	64.52 -0.98 0.00	81.38 -1.41 0.00	89.77 -2.59 0.00	91.92 -3.34 0.00	93.50 -5.49 2.58	93.50 -5.28 2.75	93.75 -6.00 13.41	93.75 -7.32 32.09	138.44 -7.43 0.00	91.98 -6.61 45.07	91.98 -5.05 17.70	91.98 -4.03 0.00	80.69 -0.73 0.00	64.74 -0.52 0.00

HQ_GEN_IMPORT 323601	59.20 -0.12 0.00	52.71 -0.11 0.00	49.19 -0.10 0.00	48.84 -0.05 0.00	76.57 -0.05 -27.09	21.28 -0.49 27.09	47.87 -0.58 0.00	48.86 -0.59 0.00	53.30 -0.76 0.00	58.96 -0.84 0.00	64.58 -0.92 0.00	81.63 -1.16 0.00	90.41 -1.94 0.00	92.97 -2.29 0.00	98.91 -2.74 -0.08	98.98 -2.64 -0.09	110.66 -2.94 -0.44	130.63 -3.59 -1.06	142.08 -3.79 0.00	141.84 -3.30 -1.48	112.78 -2.52 -0.58	90.41 -2.20 3.39	84.00 -0.81 -3.39	64.55 -0.72 0.00
HQ_GEN_WHEEL 23651	59.20 -0.12 0.00	52.71 -0.11 0.00	49.19 -0.10 0.00	48.84 -0.05 0.00	76.57 -0.05 -27.09	21.28 -0.49 27.09	47.87 -0.58 0.00	48.86 -0.59 0.00	53.30 -0.76 0.00	58.96 -0.84 0.00	64.58 -0.92 0.00	81.63 -1.16 0.00	90.41 -1.94 0.00	92.97 -2.29 0.00	98.91 -2.74 -0.08	98.98 -2.64 -0.09	110.66 -2.94 -0.44	130.63 -3.59 -1.06	142.08 -3.79 0.00	141.84 -3.30 -1.48	112.78 -2.52 -0.58	90.41 -2.20 3.39	84.00 -0.81 -3.39	64.55 -0.72 0.00
HUDSON AVE_GT_3 23810	62.35 3.03 0.00	55.77 2.96 0.00	52.14 2.86 0.00	51.63 2.74 0.00	52.16 2.63 0.00	52.03 3.18 0.00	51.93 3.49 0.00	53.55 4.10 0.00	58.60 4.54 0.00	65.15 5.32 -0.03	71.00 5.50 0.00	90.15 7.37 0.00	104.14 10.16 -1.63	152.55 11.05 -46.24	211.96 11.88 -98.51	300.74 11.88 -187.32	361.99 13.47 -235.36	407.92 15.71 -259.05	317.93 16.78 -155.27	213.75 15.95 -54.15	153.29 12.05 -26.52	106.79 9.22 -1.56	87.44 6.03 0.00	69.84 4.57 0.00
HUDSON AVE_GT_4 23540	62.35 3.03 0.00	55.77 2.96 0.00	52.14 2.86 0.00	51.63 2.74 0.00	52.16 2.63 0.00	52.03 3.18 0.00	51.93 3.49 0.00	53.55 4.10 0.00	58.60 4.54 0.00	65.15 5.32 -0.03	71.00 5.50 0.00	90.15 7.37 0.00	104.14 10.16 -1.63	152.55 11.05 -46.24	211.96 11.88 -98.51	300.74 11.88 -187.32	361.99 13.47 -235.36	407.92 15.71 -259.05	317.93 16.78 -155.27	213.75 15.95 -54.15	153.29 12.05 -26.52	106.79 9.22 -1.56	87.44 6.03 0.00	69.84 4.57 0.00
HUDSON AVE_GT_5 23657	62.35 3.03 0.00	55.77 2.96 0.00	52.14 2.86 0.00	51.63 2.74 0.00	52.16 2.63 0.00	52.03 3.18 0.00	51.93 3.49 0.00	53.55 4.10 0.00	58.60 4.54 0.00	65.15 5.32 -0.03	71.00 5.50 0.00	90.15 7.37 0.00	104.14 10.16 -1.63	152.55 11.05 -46.24	211.96 11.88 -98.51	300.74 11.88 -187.32	361.99 13.47 -235.36	407.92 15.71 -259.05	317.93 16.78 -155.27	213.75 15.95 -54.15	153.29 12.05 -26.52	106.79 9.22 -1.56	87.44 6.03 0.00	69.84 4.57 0.00
HUDSON_AVE_10 24168	62.23 2.91 0.00	55.61 2.80 0.00	52.05 2.76 0.00	51.48 2.59 0.00	52.01 2.48 0.00	51.93 3.08 0.00	51.84 3.39 0.00	53.51 4.05 0.00	58.54 4.49 0.00	65.03 5.20 -0.03	70.80 5.31 0.00	89.99 7.20 0.00	104.28 9.88 -2.04	153.90 10.86 -47.79	214.66 11.68 -101.42	300.83 11.68 -187.62	363.84 13.24 -237.44	416.46 15.45 -267.85	324.14 16.48 -161.78	217.74 15.66 -58.43	154.62 11.82 -28.08	106.60 9.02 -1.56	87.36 5.94 0.00	69.77 4.50 0.00
HUDSON___115KV_TB 4 355613	61.10 1.78 0.00	54.50 1.69 0.00	50.96 1.68 0.00	50.56 1.66 0.00	51.17 1.63 0.00	50.80 1.95 0.00	50.43 1.99 0.00	51.38 1.93 0.00	55.73 1.68 0.00	61.07 1.91 0.64	67.45 1.96 0.02	85.00 2.24 0.02	75.55 3.60 20.40	70.02 4.10 29.34	80.07 4.67 26.17	76.68 4.87 29.73	90.58 5.66 28.24	109.12 6.79 30.84	129.35 7.59 24.12	116.85 7.47 34.28	103.80 5.85 16.77	89.04 4.90 11.87	84.68 3.26 0.00	67.88 2.61 0.00
HUNTER MOUNT___DRP 323613	61.28 1.96 0.00	54.61 1.80 0.00	51.01 1.72 0.00	50.60 1.71 0.00	51.27 1.73 0.00	50.85 2.00 0.00	50.48 2.03 0.00	51.43 1.98 0.00	55.73 1.68 0.00	61.40 2.09 0.49	67.44 1.96 0.02	85.08 2.32 0.02	80.65 3.97 15.68	80.98 4.48 18.76	89.85 4.98 16.69	90.08 5.28 16.74	101.09 6.22 18.30	119.18 7.59 21.57	145.50 8.61 8.98	135.45 8.62 16.82	114.61 6.77 6.88	92.57 5.66 9.10	85.00 3.58 0.00	68.14 2.87 0.00
HUNTINGTON_RES_REC 323705	63.60 4.27 -0.01	56.67 3.85 0.00	52.93 3.65 0.00	52.12 3.23 0.00	52.41 2.87 0.00	52.27 3.42 0.00	52.18 3.73 0.00	54.25 4.80 0.00	59.52 5.46 -0.01	66.53 6.70 -0.04	70.61 5.11 0.00	91.24 6.70 -1.75	103.79 10.16 -1.28	288.51 11.23 -182.01	318.00 12.18 -204.26	296.75 11.77 -183.45	361.95 13.57 -235.21	399.29 16.24 -249.89	314.70 17.35 -151.47	456.55 16.66 -296.24	151.47 12.85 -23.90	106.40 8.83 -1.56	85.48 4.07 0.00	68.79 3.52 0.00
HUNTLEY___63 23557	57.72 -1.60 0.00	50.86 -1.95 0.00	46.82 -2.46 0.00	45.67 -3.23 0.00	46.22 -3.32 0.00	46.16 -2.69 0.00	45.54 -2.91 0.00	46.38 -3.07 0.00	50.70 -3.35 0.00	55.37 -4.42 0.00	60.65 -4.85 0.00	75.91 -6.87 0.00	83.19 -9.14 0.02	87.03 -9.14 -0.92	95.37 -8.43 -2.24	97.46 -8.22 -4.15	106.84 -8.71 -2.39	125.61 -9.32 -1.77	141.34 -11.67 -7.14	137.39 -11.64 -5.37	110.45 -8.26 -3.99	88.97 -7.30 -0.26	75.15 -6.27 0.00	61.81 -3.46 0.00
HUNTLEY___64 23558	57.72 -1.60 0.00	50.86 -1.95 0.00	46.82 -2.46 0.00	45.67 -3.23 0.00	46.22 -3.32 0.00	46.16 -2.69 0.00	45.54 -2.91 0.00	46.38 -3.07 0.00	50.70 -3.35 0.00	55.37 -4.42 0.00	60.65 -4.85 0.00	75.91 -6.87 0.00	83.19 -9.14 0.02	87.03 -9.14 -0.92	95.37 -8.43 -2.24	97.46 -8.22 -4.15	106.84 -8.71 -2.39	125.61 -9.32 -1.77	141.34 -11.67 -7.14	137.39 -11.64 -5.37	110.45 -8.26 -3.99	88.97 -7.30 -0.26	75.15 -6.27 0.00	61.81 -3.46 0.00
HUNTLEY___65 23559	57.72 -1.60 0.00	50.86 -1.95 0.00	46.82 -2.46 0.00	45.67 -3.23 0.00	46.22 -3.32 0.00	46.16 -2.69 0.00	45.54 -2.91 0.00	46.38 -3.07 0.00	50.70 -3.35 0.00	55.37 -4.42 0.00	60.65 -4.85 0.00	75.91 -6.87 0.00	83.19 -9.14 0.02	87.03 -9.14 -0.92	95.37 -8.43 -2.24	97.46 -8.22 -4.15	106.84 -8.71 -2.39	125.61 -9.32 -1.77	141.34 -11.67 -7.14	137.39 -11.64 -5.37	110.45 -8.26 -3.99	88.97 -7.30 -0.26	75.15 -6.27 0.00	61.81 -3.46 0.00
HUNTLEY___66 23560	57.72 -1.60 0.00	50.86 -1.95 0.00	46.82 -2.46 0.00	45.67 -3.23 0.00	46.22 -3.32 0.00	46.16 -2.69 0.00	45.54 -2.91 0.00	46.38 -3.07 0.00	50.70 -3.35 0.00	55.37 -4.42 0.00	60.65 -4.85 0.00	75.91 -6.87 0.00	83.19 -9.14 0.02	87.03 -9.14 -0.92	95.37 -8.43 -2.24	97.46 -8.22 -4.15	106.84 -8.71 -2.39	125.61 -9.32 -1.77	141.34 -11.67 -7.14	137.39 -11.64 -5.37	110.45 -8.26 -3.99	88.97 -7.30 -0.26	75.15 -6.27 0.00	61.81 -3.46 0.00
HUNTLEY___67 23561	57.36 -1.96 0.00	50.60 -2.22 0.00	46.57 -2.71 0.00	45.47 -3.42 0.00	46.02 -3.52 0.00	45.97 -2.88 0.00	45.34 -3.10 0.00	46.19 -3.26 0.00	50.49 -3.57 0.00	55.13 -4.66 0.00	60.59 -4.91 0.00	75.91 -6.87 0.00	83.56 -8.77 0.02	87.30 -8.86 -0.90	95.78 -8.02 -2.24	98.06 -7.72 -4.25	107.34 -8.26 -2.44	126.32 -8.66 -1.81	142.24 -10.94 -7.30	138.23 -10.92 -5.50	111.12 -7.69 -4.08	89.46 -6.82 -0.26	75.31 -6.11 0.00	61.87 -3.39 0.00
HUNTLEY___68 23562	57.36 -1.96 0.00	50.60 -2.22 0.00	46.57 -2.71 0.00	45.47 -3.42 0.00	46.02 -3.52 0.00	45.97 -2.88 0.00	45.34 -3.10 0.00	46.19 -3.26 0.00	50.49 -3.57 0.00	55.13 -4.66 0.00	60.59 -4.91 0.00	75.91 -6.87 0.00	83.56 -8.77 0.02	87.30 -8.86 -0.90	95.78 -8.02 -2.24	98.06 -7.72 -4.25	107.34 -8.26 -2.44	126.32 -8.66 -1.81	142.24 -10.94 -7.30	138.23 -10.92 -5.50	111.12 -7.69 -4.08	89.46 -6.82 -0.26	75.31 -6.11 0.00	61.87 -3.39 0.00

HYLAND___LFGE 323620	60.33 1.01 0.00	53.03 0.21 0.00	48.99 -0.29 0.00	47.92 -0.98 0.00	48.49 -1.04 0.00	48.46 -0.39 0.00	47.87 -0.58 0.00	48.01 -1.44 0.00	52.00 -2.05 0.00	56.39 -3.41 0.00	61.44 -4.06 0.00	76.99 -5.80 0.00	80.05 -12.28 0.03	83.11 -12.48 -0.33	92.88 -11.58 -2.90	94.92 -11.27 -4.66	104.35 -11.54 -2.73	124.34 -10.78 -1.96	144.29 -9.48 -7.89	143.13 -6.46 -5.94	115.35 -3.78 -4.41	93.03 -3.26 -0.29	77.43 -3.99 0.00	65.99 0.72 0.00
INDECK___CORINTH 23802	62.11 2.79 0.00	55.35 2.54 0.00	51.60 2.32 0.00	51.14 2.25 0.00	51.76 2.23 0.00	51.39 2.54 0.00	51.06 2.61 0.00	52.22 2.77 0.00	56.92 2.86 0.00	63.33 3.29 -0.25	68.77 3.27 0.00	87.09 4.30 0.00	103.64 4.98 -6.31	132.44 4.86 -32.33	146.27 5.28 -39.43	237.83 5.48 -130.82	190.26 5.99 -71.11	191.00 7.19 -50.65	381.23 9.20 -226.16	369.88 9.33 -216.89	268.91 7.69 -146.51	122.56 6.24 -20.31	86.47 5.05 0.00	69.12 3.85 0.00
INDECK___ILION 23567	58.85 -0.47 0.00	52.39 -0.42 0.00	48.89 -0.39 0.00	48.55 -0.34 0.00	49.24 -0.30 0.00	48.75 -0.10 0.00	48.40 -0.05 0.00	49.40 -0.05 0.00	54.06 0.00 0.00	59.80 0.00 0.00	65.56 0.07 0.00	82.87 0.08 0.00	92.54 0.18 0.00	95.45 0.19 0.00	101.73 0.20 0.04	101.70 0.20 0.04	113.08 0.11 0.20	132.81 0.13 0.48	146.17 0.29 0.00	143.14 0.14 0.66	114.58 0.11 0.26	96.30 0.29 0.00	81.34 -0.08 0.00	65.20 -0.07 0.00
INDECK___OLEAN 23982	57.60 -1.72 0.00	50.75 -2.06 0.00	46.92 -2.36 0.00	45.72 -3.18 0.00	46.16 -3.37 0.00	46.46 -2.39 0.00	45.78 -2.66 0.00	46.04 -3.41 0.00	50.98 -3.08 0.00	55.85 -3.95 0.00	61.30 -4.19 0.00	76.99 -5.80 0.00	85.96 -6.37 0.02	89.28 -6.76 -0.78	96.21 -8.22 -2.87	100.53 -6.09 -5.09	110.05 -6.11 -3.00	129.04 -6.26 -2.14	146.47 -8.02 -8.62	142.67 -7.48 -6.49	114.15 -5.39 -4.82	91.23 -5.09 -0.31	76.54 -4.88 0.00	63.05 -2.22 0.00
INDECK___OSWEGO 23783	57.78 -1.54 0.00	51.39 -1.42 0.00	47.85 -1.43 0.00	47.38 -1.52 0.00	48.00 -1.54 0.00	47.58 -1.27 0.00	47.24 -1.21 0.00	48.16 -1.29 0.00	52.81 -1.24 0.00	58.24 -1.56 0.00	63.86 -1.63 0.00	80.63 -2.15 0.00	89.95 -2.40 0.00	94.15 -2.29 -1.18	100.42 -2.33 -1.19	99.22 -2.23 0.08	110.17 -2.60 0.40	129.40 -2.80 0.96	142.81 -3.07 0.00	139.15 -3.16 1.34	111.78 -2.41 0.53	94.09 -1.92 0.00	79.30 -2.12 0.00	63.64 -1.63 0.00
INDECK___YERKES 23781	57.78 -1.54 0.00	50.81 -2.01 0.00	46.87 -2.41 0.00	45.66 -3.23 0.00	46.31 -3.22 0.00	46.21 -2.64 0.00	45.25 -3.20 0.00	45.64 -3.81 0.00	50.76 -3.30 0.00	55.43 -4.36 0.00	60.65 -4.85 0.00	76.08 -6.70 0.00	83.19 -9.14 0.02	87.03 -9.15 -0.92	95.37 -8.43 -2.24	97.36 -8.32 -4.15	106.89 -8.71 -2.44	125.73 -9.19 -1.75	141.26 -11.68 -7.06	137.34 -11.63 -5.31	110.41 -8.26 -3.95	88.96 -7.30 -0.26	75.15 -6.27 0.00	61.74 -3.53 0.00
INDIAN POINT_GT_1 24139	61.81 2.49 0.00	55.19 2.38 0.00	51.55 2.27 0.00	51.04 2.15 0.00	51.61 2.08 0.00	51.44 2.59 0.00	51.26 2.81 0.00	52.71 3.26 0.00	57.78 3.73 0.00	64.19 4.37 -0.03	70.02 4.52 0.00	88.91 6.13 0.00	102.35 8.40 -1.60	145.70 9.34 -41.11	195.11 10.16 -83.39	269.35 10.25 -157.56	320.10 11.66 -195.29	360.61 13.58 -213.86	296.01 14.44 -135.69	208.67 13.65 -51.37	151.19 10.21 -26.26	105.43 7.87 -1.55	86.39 4.97 0.00	69.12 3.85 0.00
INDIAN POINT_GT_2 23659	61.81 2.49 0.00	55.19 2.38 0.00	51.55 2.27 0.00	51.04 2.15 0.00	51.61 2.08 0.00	51.44 2.59 0.00	51.26 2.81 0.00	52.71 3.26 0.00	57.78 3.73 0.00	64.19 4.37 -0.03	70.02 4.52 0.00	88.91 6.13 0.00	102.35 8.40 -1.60	145.70 9.34 -41.11	195.11 10.16 -83.39	269.35 10.25 -157.56	320.10 11.66 -195.29	360.61 13.58 -213.86	296.01 14.44 -135.69	208.67 13.65 -51.37	151.19 10.21 -26.26	105.43 7.87 -1.55	86.39 4.97 0.00	69.12 3.85 0.00
INDIAN POINT_GT_3 24019	61.81 2.49 0.00	55.19 2.38 0.00	51.55 2.27 0.00	51.04 2.15 0.00	51.61 2.08 0.00	51.44 2.59 0.00	51.26 2.81 0.00	52.71 3.26 0.00	57.78 3.73 0.00	64.19 4.37 -0.03	70.02 4.52 0.00	88.91 6.13 0.00	102.35 8.40 -1.60	145.70 9.34 -41.11	195.11 10.16 -83.39	269.35 10.25 -157.56	320.10 11.66 -195.29	360.61 13.58 -213.86	296.01 14.44 -135.69	208.67 13.65 -51.37	151.19 10.21 -26.26	105.43 7.87 -1.55	86.39 4.97 0.00	69.12 3.85 0.00
INDIAN POINT___2 23530	61.70 2.38 0.00	55.14 2.32 0.00	51.55 2.27 0.00	50.99 2.10 0.00	51.57 2.03 0.00	51.39 2.54 0.00	51.25 2.81 0.00	52.81 3.36 0.00	57.68 3.62 0.00	64.13 4.31 -0.03	69.89 4.39 0.00	88.66 5.88 0.00	102.11 8.22 -1.54	143.16 9.15 -38.75	168.01 9.96 -56.49	224.37 9.96 -112.88	283.89 11.32 -159.41	321.21 13.19 -174.86	284.52 14.01 -124.64	206.69 13.36 -49.67	150.52 9.98 -25.83	105.22 7.68 -1.53	86.22 4.80 0.00	68.99 3.72 0.00
INDIAN POINT___3 23531	61.69 2.37 0.00	55.09 2.27 0.00	51.50 2.22 0.00	50.95 2.05 0.00	51.52 1.98 0.00	51.34 2.49 0.00	51.16 2.71 0.00	52.62 3.16 0.00	57.62 3.57 0.00	64.07 4.25 -0.03	69.89 4.39 0.00	88.66 5.88 0.00	102.17 8.22 -1.60	145.04 9.05 -40.73	222.03 9.85 -110.62	311.12 9.85 -199.74	343.08 11.20 -218.71	384.61 13.05 -238.40	297.19 13.86 -137.46	208.09 13.22 -51.22	150.87 9.87 -26.28	105.14 7.58 -1.55	86.22 4.80 0.00	68.99 3.72 0.00
INGHAM_C_115KV_TB7 356103	57.72 -1.60 0.00	51.39 -1.43 0.00	47.95 -1.33 0.00	47.67 -1.22 0.00	48.34 -1.19 0.00	47.87 -0.98 0.00	47.62 -0.82 0.00	48.56 -0.89 0.00	53.14 -0.92 0.00	58.84 -0.96 0.00	64.52 -0.98 0.00	81.46 -1.32 0.00	90.88 -1.48 0.00	93.73 -1.52 0.00	99.80 -1.73 0.04	99.67 -1.83 0.04	110.70 -2.26 0.20	130.02 -2.66 0.48	143.40 -2.48 0.00	140.55 -2.44 0.66	112.51 -1.95 0.26	94.76 -1.25 0.00	80.04 -1.38 0.00	64.16 -1.11 0.00
IP CORINTH___1 23988	62.46 3.14 0.00	55.67 2.85 0.00	51.90 2.61 0.00	51.44 2.54 0.00	52.06 2.53 0.00	51.68 2.83 0.00	51.30 2.86 0.00	52.47 3.02 0.00	57.24 3.19 0.00	63.63 3.59 -0.25	69.23 3.73 0.00	87.59 4.80 0.00	104.11 5.45 -6.31	132.92 5.33 -32.33	146.78 5.79 -39.43	238.44 6.09 -130.82	190.97 6.68 -71.13	191.81 7.99 -50.65	381.97 9.92 -226.17	370.76 10.20 -216.91	269.61 8.37 -146.51	123.14 6.82 -20.31	86.96 5.54 0.00	69.44 4.18 0.00
IP___TICONDEROGA 23804	65.67 6.35 0.00	58.41 5.60 0.00	54.41 5.13 0.00	53.83 4.94 0.00	54.49 4.95 0.00	54.13 5.28 0.00	53.63 5.18 0.00	54.79 5.34 0.00	59.68 5.62 0.00	66.34 6.28 -0.26	72.44 6.94 0.00	91.73 8.94 0.00	108.74 9.79 -6.59	137.73 9.53 -32.95	151.75 10.16 -40.04	243.39 10.66 -131.19	196.10 11.54 -71.39	198.21 14.12 -50.93	391.17 16.78 -228.51	381.44 17.53 -220.26	279.03 14.34 -149.97	129.41 11.71 -21.69	91.52 10.10 0.00	73.03 7.77 0.00
ISLIP_RES_REC 323679	64.49 5.16 -0.01	57.41 4.59 0.00	53.57 4.29 0.00	52.71 3.82 0.00	52.95 3.42 0.00	52.86 4.01 0.00	52.76 4.31 0.00	54.89 5.44 0.00	60.33 6.27 -0.01	67.55 7.72 -0.04	71.99 6.49 -0.01	96.51 8.12 -5.61	105.76 12.10 -1.31	176.61 13.05 -68.30	229.15 14.11 -113.47	302.15 13.19 -187.42	368.85 15.27 -240.41	406.49 18.38 -254.95	319.87 19.69 -154.30	260.54 19.39 -97.50	153.83 15.26 -23.85	108.41 10.85 -1.56	86.97 5.54 -0.01	70.10 4.83 0.00

JAMAICA__27_KV_LOAD 355505	62.70 3.38 0.00	56.09 3.27 0.00	52.44 3.15 0.00	51.88 2.98 0.00	52.36 2.82 0.00	52.32 3.47 0.00	52.32 3.88 0.00	54.05 4.60 0.00	59.24 5.19 0.00	65.80 5.98 -0.03	71.33 5.83 0.00	90.73 7.95 0.00	105.40 10.90 -2.15	155.35 11.91 -48.19	216.53 12.80 -102.17	302.12 12.89 -187.69	365.85 14.71 -237.98	420.61 17.31 -270.14	328.02 18.67 -163.47	221.01 17.81 -59.54	156.63 13.42 -28.49	107.84 10.27 -1.56	88.50 7.08 0.00	70.69 5.42 0.00
JANIS__SOLAR 323808	62.58 3.26 0.00	55.45 2.64 0.00	51.51 2.22 0.00	51.04 2.15 0.00	51.76 2.23 0.00	51.63 2.78 0.00	51.45 3.00 0.00	52.37 2.92 0.00	57.19 3.13 0.00	62.79 2.99 0.00	68.71 3.21 0.00	86.84 4.06 0.00	96.84 4.43 -0.05	109.26 4.86 -9.15	112.03 5.38 -5.09	118.33 5.68 -11.11	123.47 4.86 -5.45	143.96 6.92 -3.88	170.41 8.90 -15.64	165.79 9.20 -12.94	130.92 7.45 -8.74	102.91 6.34 -0.57	85.65 4.23 0.00	68.72 3.46 0.00
JARVIS____ 23743	59.44 0.12 0.00	52.92 0.11 0.00	49.43 0.15 0.00	49.04 0.15 0.00	49.73 0.20 0.00	49.15 0.29 0.00	48.79 0.34 0.00	49.80 0.35 0.00	54.44 0.38 0.00	60.27 0.48 0.00	66.02 0.52 0.00	83.44 0.66 0.00	93.28 0.92 0.00	96.31 1.05 0.00	102.64 1.12 0.04	102.61 1.12 0.04	114.09 1.13 0.20	134.02 1.33 0.47	147.34 1.46 0.00	144.29 1.29 0.66	115.49 1.03 0.26	96.97 0.96 0.00	81.91 0.49 0.00	65.73 0.46 0.00
JENNISON____1 23625	64.54 5.22 0.00	57.20 4.38 0.00	53.18 3.89 0.00	52.90 4.01 0.00	53.79 4.26 0.00	53.74 4.89 0.00	53.68 5.23 0.00	54.84 5.39 0.00	59.95 5.89 0.00	66.08 6.28 0.00	72.57 7.07 0.00	92.06 9.27 0.00	102.91 10.53 -0.03	114.32 11.05 -8.02	120.18 11.78 -6.84	131.11 11.78 -17.80	130.53 7.13 -10.23	148.04 9.05 -5.82	179.84 10.50 -23.46	174.15 10.20 -20.29	135.99 8.15 -13.12	103.87 7.01 -0.85	86.06 4.64 0.00	69.12 3.85 0.00
JENNISON____2 23626	64.54 5.22 0.00	57.20 4.38 0.00	53.18 3.89 0.00	52.90 4.01 0.00	53.79 4.26 0.00	53.74 4.89 0.00	53.68 5.23 0.00	54.84 5.39 0.00	59.95 5.89 0.00	66.08 6.28 0.00	72.57 7.07 0.00	92.06 9.27 0.00	102.91 10.53 -0.03	114.32 11.05 -8.02	120.18 11.78 -6.84	131.11 11.78 -17.80	130.53 7.13 -10.23	148.04 9.05 -5.82	179.84 10.50 -23.46	174.15 10.20 -20.29	135.99 8.15 -13.12	103.87 7.01 -0.85	86.06 4.64 0.00	69.12 3.85 0.00
JERICOHO_RISE_WT_PWR 323719	58.13 -1.19 0.00	51.87 -0.95 0.00	48.55 -0.74 0.00	48.26 -0.64 0.00	48.99 -0.54 0.00	47.78 -1.07 0.00	47.38 -1.07 0.00	48.46 -0.99 0.00	52.87 -1.19 0.00	58.36 -1.44 0.00	63.99 -1.50 0.00	80.96 -1.82 0.00	89.49 -2.86 0.00	91.73 -3.52 0.00	97.13 -4.26 0.17	97.39 -3.96 0.18	107.86 -4.42 0.89	125.58 -5.47 2.12	140.63 -5.25 0.00	136.38 -4.31 2.97	110.34 -3.21 1.17	93.03 -2.98 0.00	80.36 -1.06 0.00	64.42 -0.85 0.00
KATONAH__115KV_46KV_TB4 355592	62.11 2.79 0.00	55.46 2.64 0.00	51.80 2.51 0.00	51.29 2.40 0.00	51.86 2.33 0.00	51.68 2.83 0.00	51.45 3.00 0.00	52.96 3.51 0.00	58.00 3.95 0.00	64.49 4.66 -0.03	70.48 4.98 0.00	89.49 6.71 0.00	103.17 9.14 -1.67	120.96 10.10 -15.61	132.66 10.87 -20.23	139.19 11.17 -26.49	124.92 12.79 1.03	138.95 14.91 9.13	199.45 15.61 -37.97	198.56 14.65 -40.25	152.79 11.01 -27.06	106.05 8.45 -1.59	86.96 5.54 0.00	69.44 4.18 0.00
KCE_NY_1 323755	62.52 3.20 0.00	55.72 2.90 0.00	51.99 2.71 0.00	51.53 2.64 0.00	52.21 2.67 0.00	51.78 2.93 0.00	51.40 2.96 0.00	52.52 3.07 0.00	57.30 3.24 0.00	63.72 3.65 -0.27	69.36 3.86 0.00	87.75 4.97 0.00	105.27 5.92 -7.00	135.27 6.19 -33.83	149.15 6.70 -40.89	240.17 6.91 -131.73	192.60 7.70 -71.74	193.65 9.18 -51.31	388.03 10.36 -231.79	378.80 10.20 -224.95	277.70 8.15 -154.83	126.36 6.72 -23.63	86.71 5.29 0.00	69.45 4.18 0.00
KCE_NY_6_ESR 323823	58.01 -1.31 0.00	51.02 -1.80 0.00	47.12 -2.17 0.00	45.96 -2.93 0.00	46.36 -3.17 0.00	46.51 -2.34 0.00	45.63 -2.81 0.00	46.04 -3.41 0.00	51.08 -2.97 0.00	55.85 -3.95 0.00	61.44 -4.06 0.00	77.15 -5.63 0.00	85.04 -7.30 0.02	88.82 -7.33 -0.89	97.07 -6.91 -2.42	99.69 -6.30 -4.45	109.34 -6.45 -2.62	128.65 -6.39 -1.88	144.99 -8.46 -7.58	141.02 -8.34 -5.70	113.22 -5.73 -4.24	91.00 -5.28 -0.27	76.62 -4.80 0.00	62.92 -2.35 0.00
KEDC PORT_JEFF_GT2 24210	63.96 4.63 -0.01	56.94 4.12 0.00	53.18 3.89 0.00	52.31 3.42 0.00	52.61 3.07 0.00	52.47 3.61 0.00	52.37 3.92 0.00	54.50 5.05 0.00	59.85 5.79 -0.01	66.88 7.05 -0.04	71.07 5.56 0.00	93.24 6.37 -4.08	103.70 10.07 -1.27	184.80 11.04 -78.50	235.11 11.88 -121.67	300.02 11.07 -187.41	365.89 12.90 -239.83	402.78 15.57 -254.05	315.96 16.62 -153.46	274.75 16.37 -114.73	151.39 12.85 -23.82	106.50 8.93 -1.56	85.82 4.39 0.00	69.38 4.11 0.00
KEDC PORT_JEFF_GT3 24211	63.96 4.63 -0.01	56.94 4.12 0.00	53.18 3.89 0.00	52.31 3.42 0.00	52.61 3.07 0.00	52.47 3.61 0.00	52.37 3.92 0.00	54.50 5.05 0.00	59.85 5.79 -0.01	66.88 7.05 -0.04	71.07 5.56 0.00	93.24 6.37 -4.08	103.70 10.07 -1.27	184.80 11.04 -78.50	235.11 11.88 -121.67	300.02 11.07 -187.41	365.89 12.90 -239.83	402.78 15.57 -254.05	315.96 16.62 -153.46	274.75 16.37 -114.73	151.39 12.85 -23.82	106.50 8.93 -1.56	85.82 4.39 0.00	69.38 4.11 0.00
KEDC_GLWD_GT4 24219	63.01 3.68 -0.01	56.30 3.48 0.00	52.59 3.30 0.00	51.98 3.08 0.00	52.41 2.87 0.00	52.22 3.37 0.00	52.13 3.68 0.00	53.95 4.50 0.00	58.98 4.92 -0.01	65.33 5.50 -0.04	70.87 5.37 0.00	101.35 7.37 -11.20	105.76 10.25 -3.15	152.99 11.23 -46.49	212.46 12.18 -98.72	301.64 12.18 -187.93	398.19 13.92 -271.11	453.85 16.24 -304.45	362.95 17.21 -199.87	245.66 16.37 -85.63	153.63 12.39 -26.52	106.69 9.13 -1.56	86.55 5.13 0.00	69.32 4.05 0.00
KEDC_GLWD_GT5 24220	63.01 3.68 -0.01	56.30 3.48 0.00	52.59 3.30 0.00	51.98 3.08 0.00	52.41 2.87 0.00	52.22 3.37 0.00	52.13 3.68 0.00	53.95 4.50 0.00	58.98 4.92 -0.01	65.33 5.50 -0.04	70.87 5.37 0.00	101.35 7.37 -11.20	105.76 10.25 -3.15	152.99 11.23 -46.49	212.46 12.18 -98.72	301.64 12.18 -187.93	398.19 13.92 -271.11	453.85 16.24 -304.45	362.95 17.21 -199.87	245.66 16.37 -85.63	153.63 12.39 -26.52	106.69 9.13 -1.56	86.55 5.13 0.00	69.32 4.05 0.00
KENSICO____ 23655	61.99 2.67 0.00	55.35 2.54 0.00	51.75 2.46 0.00	51.24 2.35 0.00	51.76 2.23 0.00	51.64 2.78 0.00	51.45 3.00 0.00	52.96 3.51 0.00	58.00 3.95 0.00	64.49 4.66 -0.03	70.28 4.78 0.00	89.24 6.46 0.00	102.85 8.87 -1.63	149.29 9.81 -44.23	209.22 10.66 -97.00	294.80 10.76 -182.50	348.86 12.22 -223.47	392.74 14.25 -245.33	309.07 15.17 -148.02	211.17 14.37 -53.15	151.99 10.78 -26.48	105.82 8.26 -1.56	86.63 5.21 0.00	69.31 4.05 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	62.29 2.97 0.00	55.51 2.69 0.00	51.80 2.51 0.00	51.24 2.35 0.00	51.86 2.33 0.00	51.68 2.83 0.00	51.50 3.05 0.00	52.86 3.41 0.00	57.84 3.78 0.00	64.12 4.37 0.04	70.15 4.65 0.00	88.91 6.13 0.00	100.76 8.40 0.00	121.35 9.53 -16.57	129.60 10.36 -17.68	142.57 10.46 -30.57	151.69 12.22 -26.30	171.31 14.38 -23.77	213.08 15.75 -51.44	196.52 15.08 -37.79	151.36 11.36 -25.28	106.67 9.02 -1.64	87.36 5.94 0.00	69.84 4.57 0.00

KIAC_JFK_GT1 23816	62.11 2.79 0.00	55.56 2.75 0.00	51.95 2.66 0.00	51.39 2.49 0.00	51.91 2.38 0.00	51.83 2.98 0.00	51.84 3.39 0.00	53.55 4.10 0.00	58.70 4.65 0.00	65.21 5.38 -0.03	70.67 5.17 0.00	89.90 7.12 0.00	104.48 9.97 -2.15	154.31 10.86 -48.19	215.42 11.68 -102.17	301.01 11.78 -187.69	364.49 13.35 -237.98	419.01 15.71 -270.14	326.13 16.78 -163.47	219.14 15.95 -59.54	155.26 12.05 -28.49	106.79 9.22 -1.56	87.69 6.27 0.00	69.97 4.70 0.00
KIAC_JFK_GT2 23817	62.11 2.79 0.00	55.56 2.75 0.00	51.95 2.66 0.00	51.39 2.49 0.00	51.91 2.38 0.00	51.83 2.98 0.00	51.84 3.39 0.00	53.55 4.10 0.00	58.70 4.65 0.00	65.21 5.38 -0.03	70.67 5.17 0.00	89.90 7.12 0.00	104.48 9.97 -2.15	154.31 10.86 -48.19	215.42 11.68 -102.17	301.01 11.78 -187.69	364.49 13.35 -237.98	419.01 15.71 -270.14	326.13 16.78 -163.47	219.14 15.95 -59.54	155.26 12.05 -28.49	106.79 9.22 -1.56	87.69 6.27 0.00	69.97 4.70 0.00
KIAC_JFK____ 323774	62.11 2.79 0.00	55.56 2.74 0.00	51.99 2.71 0.00	51.43 2.54 0.00	51.91 2.38 0.00	51.83 2.98 0.00	51.94 3.49 0.00	53.75 4.30 0.00	58.70 4.65 0.00	65.26 5.44 -0.03	70.67 5.17 0.00	89.82 7.03 0.00	104.48 9.98 -2.15	154.30 10.86 -48.19	215.41 11.67 -102.17	301.00 11.77 -187.69	364.47 13.35 -237.96	419.00 15.71 -270.13	326.09 16.77 -163.45	219.26 16.09 -59.52	155.48 12.28 -28.48	106.79 9.22 -1.56	87.69 6.27 0.00	69.97 4.70 0.00
KINTIGH__24_KV_GSU 356498	57.42 -1.90 0.00	50.55 -2.27 0.00	46.77 -2.51 0.00	45.72 -3.18 0.00	46.31 -3.22 0.00	46.21 -2.64 0.00	45.39 -3.05 0.00	45.99 -3.46 0.00	50.98 -3.08 0.00	55.73 -4.07 0.00	61.30 -4.19 0.00	76.99 -5.80 0.00	84.40 -7.94 0.01	88.31 -7.91 -0.95	97.88 -6.40 -2.71	98.32 -6.80 -3.59	108.03 -7.24 -2.11	127.22 -7.45 -1.51	142.20 -9.77 -6.09	138.47 -9.77 -4.59	111.13 -7.00 -3.41	90.18 -6.05 -0.22	75.97 -5.45 0.00	62.01 -3.26 0.00
KINTIGH____ 23543	57.42 -1.90 0.00	50.70 -2.11 0.00	46.77 -2.51 0.00	45.76 -3.13 0.00	46.31 -3.22 0.00	46.21 -2.64 0.00	45.68 -2.76 0.00	46.68 -2.77 0.00	50.97 -3.08 0.00	55.73 -4.07 0.00	61.31 -4.19 0.00	76.82 -5.96 0.00	84.40 -7.94 0.01	88.31 -7.91 -0.95	97.87 -6.40 -2.71	98.42 -6.70 -3.59	107.99 -7.24 -2.06	127.10 -7.59 -1.53	142.27 -9.77 -6.16	138.53 -9.77 -4.64	111.17 -7.00 -3.45	90.18 -6.05 -0.22	75.96 -5.46 0.00	62.00 -3.26 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	58.67 -0.65 0.00	52.29 -0.53 0.00	48.94 -0.34 0.00	48.65 -0.24 0.00	49.43 -0.10 0.00	48.26 -0.59 0.00	47.91 -0.53 0.00	48.96 -0.49 0.00	53.41 -0.65 0.00	59.26 -0.54 0.00	64.45 -1.05 0.00	81.63 -1.16 0.00	90.14 -2.22 0.00	92.11 -3.14 0.00	97.67 -3.86 0.04	98.04 -3.45 0.04	109.24 -4.53 0.19	128.17 -4.38 0.46	141.50 -4.38 0.00	139.85 -3.16 0.64	112.40 -2.06 0.25	93.80 -2.21 0.00	81.01 -0.41 0.00	64.94 -0.33 0.00
LACHUTE____HYDRO 323717	65.67 6.35 0.00	58.41 5.60 0.00	54.41 5.13 0.00	53.83 4.94 0.00	54.49 4.95 0.00	54.13 5.28 0.00	53.63 5.19 0.00	54.84 5.39 0.00	59.68 5.62 0.00	66.39 6.34 -0.26	72.31 6.81 0.00	91.73 8.94 0.00	108.73 9.78 -6.59	137.73 9.52 -32.95	151.75 10.16 -40.04	243.39 10.66 -131.19	196.08 11.55 -71.37	198.19 14.11 -50.93	391.14 16.77 -228.50	381.41 17.52 -220.24	279.02 14.34 -149.96	129.41 11.71 -21.69	91.51 10.09 0.00	73.03 7.76 0.00
LAWRNCV_115KV_TB1 80681	59.44 0.12 0.00	52.87 0.05 0.00	49.33 0.05 0.00	49.09 0.20 0.00	49.78 0.25 0.00	48.46 -0.39 0.00	48.01 -0.44 0.00	48.91 -0.54 0.00	53.24 -0.81 0.00	58.90 -0.90 0.00	64.19 -1.31 0.00	80.55 -2.24 0.00	88.47 -3.88 0.00	90.49 -4.76 0.00	92.75 -6.80 2.01	92.79 -6.60 2.15	95.33 -7.36 10.48	99.31 -8.79 25.07	137.12 -8.75 0.00	100.70 -7.76 35.20	95.17 -5.74 13.82	91.21 -4.80 0.00	80.20 -1.22 0.00	64.42 -0.85 0.00
LEDERLE____ 23769	61.93 2.61 0.00	55.30 2.48 0.00	51.65 2.37 0.00	51.09 2.20 0.00	51.66 2.13 0.00	51.54 2.69 0.00	51.35 2.91 0.00	52.81 3.36 0.00	57.84 3.78 0.00	64.28 4.48 0.00	70.21 4.72 0.00	89.08 6.29 0.00	102.53 8.68 -1.49	140.40 9.72 -35.43	135.33 10.46 -23.31	169.17 10.56 -57.07	237.29 12.00 -112.13	270.27 13.98 -123.13	270.04 14.73 -109.43	205.45 14.08 -47.72	150.82 10.55 -25.54	105.68 8.16 -1.51	86.63 5.21 0.00	69.31 4.05 0.00
LIGHTHSE_115KV_TB6 355974	59.50 0.18 0.00	52.81 0.00 0.00	49.14 -0.15 0.00	48.70 -0.20 0.00	49.34 -0.20 0.00	48.90 0.05 0.00	48.64 0.19 0.00	49.65 0.20 0.00	54.22 0.16 0.00	59.80 0.00 0.00	65.63 0.13 0.00	82.79 0.00 0.00	92.08 -0.28 0.00	96.16 -0.19 -1.09	102.35 -0.20 -0.99	101.44 0.10 0.19	112.00 -0.23 0.94	130.92 0.00 2.24	146.46 0.58 3.14	141.37 0.86 1.23	114.40 0.92 1.23	97.26 1.25 0.00	81.99 0.57 0.00	65.66 0.39 0.00
LINDEN COGEN____ 23786	54.40 2.43 7.35	53.15 2.48 2.15	51.80 2.51 0.00	51.24 2.35 0.00	51.76 2.23 0.00	51.58 2.73 0.00	51.59 3.15 0.00	53.20 3.91 0.16	53.20 4.06 4.91	55.80 4.79 8.78	60.54 4.85 9.80	78.09 6.54 11.23	93.70 9.23 7.89	129.62 10.00 -24.36	164.30 10.76 -51.98	177.50 10.76 -65.21	211.62 12.23 -86.23	240.83 14.26 -93.41	234.18 15.17 -73.13	208.70 14.36 -50.68	143.60 10.78 -18.10	95.57 8.16 8.60	81.93 5.13 4.62	64.37 3.92 4.81
LINDHRST_69_KV_BK1 356055	64.12 4.80 0.00	56.88 4.07 0.00	53.13 3.84 0.00	52.32 3.42 0.00	52.60 3.07 0.00	52.51 3.66 0.00	52.27 3.83 0.00	54.25 4.80 0.00	59.95 5.89 0.00	66.88 7.06 -0.03	71.53 6.03 -0.01	98.76 8.20 -7.78	105.65 11.45 -1.84	152.19 12.57 -44.36	209.88 13.61 -94.71	302.46 13.40 -187.52	377.29 15.50 -248.63	419.20 18.38 -267.66	331.97 19.84 -166.26	227.00 19.11 -64.24	153.66 14.57 -24.37	108.13 10.56 -1.56	87.04 5.62 -0.01	69.97 4.70 0.00
LIPA_MISC_IPP 23656	63.23 3.92 0.00	55.98 3.17 0.00	52.29 3.01 0.00	51.44 2.54 0.00	51.71 2.18 0.00	51.59 2.74 0.00	51.35 2.91 0.00	53.36 3.91 0.00	59.14 5.08 0.00	66.10 6.28 -0.03	70.54 5.04 0.00	93.50 6.71 -4.01	103.96 10.34 -1.26	168.37 11.34 -61.78	221.80 12.09 -108.15	299.81 10.86 -187.41	365.55 12.79 -239.60	402.42 15.58 -253.68	315.78 16.78 -153.13	246.14 17.24 -85.25	152.06 13.54 -23.80	107.07 9.50 -1.56	85.74 4.32 0.00	69.18 3.92 0.00
LISF____SOLAR 323691	63.72 4.39 -0.01	56.72 3.91 0.00	52.93 3.65 0.00	52.07 3.18 0.00	52.31 2.77 0.00	52.22 3.37 0.00	52.08 3.64 0.00	54.20 4.75 0.00	59.58 5.52 -0.01	66.59 6.75 -0.04	70.93 5.43 0.00	93.81 6.87 -4.16	104.33 10.71 -1.26	170.73 11.62 -63.86	223.79 12.39 -109.84	300.12 11.17 -187.41	366.08 13.23 -239.68	403.09 16.11 -253.82	316.47 17.35 -153.24	250.42 17.81 -88.95	152.51 13.99 -23.80	107.46 9.89 -1.56	85.98 4.56 0.00	69.38 4.11 0.00
LITTLE FALLS____HYD 24013	57.72 -1.60 0.00	51.39 -1.43 0.00	47.95 -1.33 0.00	47.67 -1.22 0.00	48.34 -1.19 0.00	47.87 -0.98 0.00	47.62 -0.82 0.00	48.56 -0.89 0.00	53.14 -0.92 0.00	58.84 -0.96 0.00	64.52 -0.98 0.00	81.46 -1.32 0.00	90.88 -1.48 0.00	93.73 -1.52 0.00	99.80 -1.73 0.04	99.67 -1.83 0.04	110.70 -2.26 0.20	130.02 -2.66 0.48	143.40 -2.48 0.00	140.55 -2.44 0.66	112.51 -1.95 0.26	94.76 -1.25 0.00	80.04 -1.38 0.00	64.16 -1.11 0.00

LITTLRIV_115KV_TB1 356100	60.27 0.95 0.00	53.55 0.74 0.00	49.93 0.64 0.00	49.68 0.78 0.00	50.43 0.89 0.00	49.10 0.24 0.00	48.69 0.24 0.00	49.45 0.00 0.00	53.68 -0.38 0.00	59.38 -0.42 0.00	64.58 -0.92 0.00	81.13 -1.66 0.00	89.03 -3.32 0.00	91.07 -4.19 0.00	93.45 -6.20 1.92	93.49 -5.99 2.05	96.49 -6.68 9.99	101.52 -7.72 23.91	138.88 -7.00 0.00	104.33 -5.75 33.58	97.52 -4.02 13.18	92.74 -3.26 0.00	81.34 -0.08 0.00	65.27 0.00 0.00
LI_NEWBRDGE___DRP 323616	62.94 3.62 0.00	55.93 3.12 0.00	52.24 2.96 0.00	51.53 2.64 0.00	51.86 2.33 0.00	51.73 2.88 0.00	51.55 3.10 0.00	53.36 3.91 0.00	58.87 4.81 0.00	65.50 5.68 -0.03	70.28 4.78 0.00	90.08 6.71 -0.59	102.78 9.60 -0.83	148.96 10.57 -43.13	205.34 11.37 -92.40	300.09 11.27 -187.29	359.91 12.90 -233.85	392.11 15.31 -243.63	306.26 16.34 -144.05	205.83 15.51 -46.66	149.66 11.82 -23.13	106.11 8.54 -1.56	85.57 4.15 0.00	68.73 3.46 0.00
LOCKPORT_115KV_TB60_63_64 80432	57.42 -1.90 0.00	50.60 -2.22 0.00	46.57 -2.71 0.00	45.47 -3.42 0.00	45.97 -3.57 0.00	45.92 -2.93 0.00	45.15 -3.29 0.00	45.89 -3.56 0.00	50.05 -4.00 0.00	54.59 -5.20 0.00	60.06 -5.44 0.00	75.09 -7.70 0.00	82.27 -10.07 0.02	86.09 -10.10 -0.93	94.52 -9.24 -2.20	96.25 -9.24 -3.96	105.48 -9.96 -2.28	124.20 -10.65 -1.69	139.55 -13.13 -6.80	135.84 -12.93 -5.12	109.23 -9.29 -3.80	88.19 -8.06 -0.25	74.50 -6.92 0.00	61.22 -4.05 0.00
LOCKPORT___CC1 323769	57.07 -2.25 0.00	50.18 -2.64 0.00	46.33 -2.96 0.00	45.18 -3.72 0.00	45.37 -4.16 0.00	45.68 -3.17 0.00	44.57 -3.88 0.00	44.90 -4.55 0.00	49.84 -4.22 0.00	54.41 -5.38 0.00	59.80 -5.70 0.00	74.92 -7.87 0.00	82.00 -10.34 0.02	85.70 -10.48 -0.92	94.11 -9.65 -2.20	95.88 -9.65 -3.99	105.21 -10.30 -2.35	124.06 -10.78 -1.68	139.09 -13.56 -6.78	135.40 -13.36 -5.10	108.76 -9.75 -3.79	87.80 -8.45 -0.25	74.25 -7.17 0.00	61.03 -4.24 0.00
LOCKPORT___CC2 323770	57.07 -2.25 0.00	50.18 -2.64 0.00	46.33 -2.96 0.00	45.18 -3.72 0.00	45.37 -4.16 0.00	45.68 -3.17 0.00	44.57 -3.88 0.00	44.90 -4.55 0.00	49.84 -4.22 0.00	54.41 -5.38 0.00	59.80 -5.70 0.00	74.92 -7.87 0.00	82.00 -10.34 0.02	85.70 -10.48 -0.92	94.11 -9.65 -2.20	95.88 -9.65 -3.99	105.21 -10.30 -2.35	124.06 -10.78 -1.68	139.09 -13.56 -6.78	135.40 -13.36 -5.10	108.76 -9.75 -3.79	87.80 -8.45 -0.25	74.25 -7.17 0.00	61.03 -4.24 0.00
LOCKPORT___CC3 323771	57.07 -2.25 0.00	50.18 -2.64 0.00	46.33 -2.96 0.00	45.18 -3.72 0.00	45.37 -4.16 0.00	45.68 -3.17 0.00	44.57 -3.88 0.00	44.90 -4.55 0.00	49.84 -4.22 0.00	54.41 -5.38 0.00	59.80 -5.70 0.00	74.92 -7.87 0.00	82.00 -10.34 0.02	85.70 -10.48 -0.92	94.11 -9.65 -2.20	95.88 -9.65 -3.99	105.21 -10.30 -2.35	124.06 -10.78 -1.68	139.09 -13.56 -6.78	135.40 -13.36 -5.10	108.76 -9.75 -3.79	87.80 -8.45 -0.25	74.25 -7.17 0.00	61.03 -4.24 0.00
LOCUSVLY_69_KV_BK2 55797	63.41 4.09 0.00	56.35 3.54 0.00	52.64 3.35 0.00	51.97 3.08 0.00	52.31 2.77 0.00	52.22 3.37 0.00	52.03 3.58 0.00	53.85 4.40 0.00	59.35 5.30 0.00	65.92 6.10 -0.03	71.20 5.70 0.00	99.94 7.95 -9.20	106.05 11.08 -2.62	152.94 12.19 -45.49	211.61 13.20 -96.85	302.47 13.20 -187.74	391.24 15.05 -263.03	441.02 17.58 -290.28	351.88 18.82 -187.18	238.78 17.81 -77.31	153.66 13.42 -25.52	107.36 9.79 -1.56	86.79 5.37 0.00	69.51 4.24 0.00
LONG_LAKE_PHOENIX 24014	58.61 -0.71 0.00	52.08 -0.74 0.00	48.45 -0.84 0.00	47.96 -0.93 0.00	48.54 -0.99 0.00	48.17 -0.68 0.00	47.82 -0.63 0.00	48.91 -0.54 0.00	53.51 -0.54 0.00	59.08 -0.72 0.00	64.84 -0.65 0.00	81.87 -0.91 0.00	91.34 -1.02 0.00	95.52 -0.95 -1.22	102.09 -0.71 -1.24	100.86 -0.61 0.06	112.06 -0.79 0.31	131.62 -0.80 0.74	145.00 -0.88 0.00	141.74 -0.86 1.05	113.62 -0.69 0.41	95.53 -0.48 0.00	80.36 -1.06 0.00	64.48 -0.78 0.00
LOVETT___3 23632	61.57 2.25 0.00	54.98 2.17 0.00	51.40 2.12 0.00	50.85 1.96 0.00	51.42 1.88 0.00	51.24 2.39 0.00	51.06 2.62 0.00	52.52 3.07 0.00	57.51 3.46 0.00	63.95 4.13 -0.03	69.76 4.26 0.00	88.50 5.71 0.00	101.91 8.03 -1.52	140.94 8.86 -36.82	131.54 9.65 -20.32	165.11 9.65 -53.92	239.96 10.98 -115.82	273.65 12.78 -127.70	273.25 13.57 -113.80	205.22 12.93 -48.64	150.09 9.64 -25.74	104.92 7.39 -1.52	86.06 4.64 0.00	68.86 3.59 0.00
LOVETT___4 23642	61.57 2.25 0.00	54.98 2.17 0.00	51.40 2.12 0.00	50.85 1.96 0.00	51.42 1.88 0.00	51.24 2.39 0.00	51.06 2.62 0.00	52.52 3.07 0.00	57.51 3.46 0.00	63.95 4.13 -0.03	69.76 4.26 0.00	88.50 5.71 0.00	101.91 8.03 -1.52	140.94 8.86 -36.82	131.54 9.65 -20.32	165.11 9.65 -53.92	239.96 10.98 -115.82	273.65 12.78 -127.70	273.25 13.57 -113.80	205.22 12.93 -48.64	150.09 9.64 -25.74	104.92 7.39 -1.52	86.06 4.64 0.00	68.86 3.59 0.00
LOVETT___5 23593	61.57 2.25 0.00	54.98 2.17 0.00	51.40 2.12 0.00	50.85 1.96 0.00	51.42 1.88 0.00	51.24 2.39 0.00	51.06 2.62 0.00	52.52 3.07 0.00	57.51 3.46 0.00	63.95 4.13 -0.03	69.76 4.26 0.00	88.50 5.71 0.00	101.91 8.03 -1.52	140.94 8.86 -36.82	131.54 9.65 -20.32	165.11 9.65 -53.92	239.96 10.98 -115.82	273.65 12.78 -127.70	273.25 13.57 -113.80	205.22 12.93 -48.64	150.09 9.64 -25.74	104.92 7.39 -1.52	86.06 4.64 0.00	68.86 3.59 0.00
LOWER RAQUET___HYD 24057	59.44 0.12 0.00	52.81 0.00 0.00	49.29 0.00 0.00	49.04 0.15 0.00	49.78 0.25 0.00	48.46 -0.39 0.00	48.01 -0.44 0.00	48.91 -0.54 0.00	53.19 -0.87 0.00	58.78 -1.02 0.00	64.12 -1.38 0.00	80.30 -2.48 0.00	88.11 -4.25 0.00	90.11 -5.15 0.00	92.52 -7.21 1.83	92.57 -7.00 1.96	95.81 -7.81 9.54	101.01 -9.32 22.82	136.83 -9.04 0.00	103.42 -8.18 32.06	96.16 -5.97 12.59	91.12 -4.89 0.00	80.04 -1.38 0.00	64.35 -0.91 0.00
LOWER___HUDSON 24059	61.57 2.25 0.00	54.93 2.11 0.00	51.26 1.97 0.00	50.90 2.01 0.00	51.52 1.98 0.00	51.15 2.30 0.00	50.82 2.37 0.00	51.92 2.47 0.00	56.65 2.59 0.00	63.23 2.99 -0.44	68.71 3.21 0.00	86.76 3.97 0.00	109.18 5.17 -11.66	144.77 5.52 -43.99	158.42 6.09 -50.77	244.94 6.09 -137.32	195.83 6.90 -75.76	196.93 8.12 -55.65	422.70 8.90 -267.92	429.23 8.47 -277.11	330.28 6.54 -209.02	146.83 5.37 -45.45	85.25 3.83 0.00	68.47 3.20 0.00
LOWVILLE_115KV_TB2 356335	60.57 1.25 0.00	53.71 0.90 0.00	50.02 0.74 0.00	49.72 0.83 0.00	50.47 0.94 0.00	49.93 1.07 0.00	49.66 1.21 0.00	50.59 1.14 0.00	55.14 1.08 0.00	60.75 0.96 0.00	66.61 1.11 0.00	84.03 1.24 0.00	93.00 0.65 0.00	96.29 0.57 -0.47	101.64 0.10 0.02	102.20 1.22 0.56	111.93 1.47 2.71	129.08 2.40 6.48	150.40 4.52 0.00	139.18 4.60 9.07	115.41 4.24 3.56	99.85 3.84 0.00	84.68 3.26 0.00	67.75 2.48 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	62.46 3.14 0.00	55.67 2.85 0.00	51.95 2.66 0.00	51.53 2.64 0.00	52.16 2.63 0.00	51.73 2.88 0.00	51.35 2.91 0.00	52.42 2.97 0.00	57.24 3.19 0.00	63.60 3.53 -0.27	69.36 3.86 0.00	87.67 4.88 0.00	105.26 5.91 -7.00	135.18 6.10 -33.83	149.05 6.60 -40.89	240.07 6.80 -131.73	192.51 7.58 -71.76	193.53 9.05 -51.32	387.90 10.21 -231.81	378.68 10.06 -224.97	277.71 8.15 -154.84	126.26 6.62 -23.63	86.63 5.21 0.00	69.38 4.11 0.00

LUTHERNY_35_KV_BK2 355980	62.52 3.20 0.00	55.72 2.90 0.00	52.00 2.71 0.00	51.53 2.64 0.00	52.21 2.67 0.00	51.78 2.93 0.00	51.40 2.96 0.00	52.47 3.02 0.00	57.30 3.24 0.00	63.66 3.59 -0.27	69.43 3.93 0.00	87.75 4.97 0.00	105.26 5.91 -7.00	135.28 6.19 -33.83	149.16 6.70 -40.89	240.17 6.90 -131.73	192.62 7.70 -71.76	193.53 9.05 -51.32	388.04 10.36 -231.81	378.82 10.20 -224.97	277.71 8.15 -154.84	126.36 6.72 -23.63	86.71 5.29 0.00	69.44 4.18 0.00
LWR___OSWEGATCHIE_HYD 23850	60.03 0.71 0.00	53.29 0.48 0.00	49.68 0.39 0.00	49.38 0.49 0.00	50.13 0.59 0.00	49.19 0.34 0.00	48.83 0.39 0.00	49.75 0.30 0.00	54.16 0.11 0.00	59.80 0.00 0.00	65.43 -0.07 0.00	82.21 -0.58 0.00	90.60 -1.75 0.00	93.42 -2.19 -0.36	97.35 -3.35 0.86	97.47 -2.74 1.33	103.53 -3.17 6.46	114.36 -3.33 15.47	143.69 -2.19 0.00	120.37 -1.58 21.71	105.39 -0.80 8.52	95.53 -0.48 0.00	82.40 0.98 0.00	66.05 0.78 0.00
LYONS_FALL_HYD 23570	60.69 1.37 0.00	53.87 1.06 0.00	50.17 0.89 0.00	49.87 0.98 0.00	50.62 1.09 0.00	50.07 1.22 0.00	49.80 1.35 0.00	50.79 1.34 0.00	55.46 1.40 0.00	61.23 1.43 0.00	67.14 1.64 0.00	84.77 1.98 0.00	94.02 1.66 0.00	97.39 1.72 -0.42	103.08 1.42 -0.10	103.30 2.14 0.37	113.74 2.38 1.80	132.22 3.33 4.27	150.84 4.96 0.00	142.39 4.73 6.00	116.61 4.25 2.36	99.75 3.74 0.00	84.43 3.01 0.00	67.55 2.28 0.00
MADISON___COUNTY_LFGE 323628	61.28 1.96 0.00	54.40 1.58 0.00	50.67 1.38 0.00	50.26 1.37 0.00	50.97 1.44 0.00	50.56 1.71 0.00	50.29 1.84 0.00	51.38 1.93 0.00	56.16 2.11 0.00	62.01 2.21 0.00	68.12 2.62 0.00	86.18 3.39 0.00	95.03 2.68 0.00	98.88 2.95 -0.67	105.21 3.05 -0.60	104.56 3.15 0.12	116.10 3.51 0.57	135.78 3.99 1.37	150.98 5.11 0.00	146.73 4.88 1.81	118.03 4.02 0.71	99.47 3.46 0.00	84.35 2.93 0.00	67.55 2.28 0.00
MALONE___115KV_TB1 356076	59.08 -0.24 0.00	52.60 -0.21 0.00	49.14 -0.15 0.00	48.89 0.00 0.00	49.63 0.10 0.00	48.46 -0.39 0.00	48.11 -0.34 0.00	49.15 -0.30 0.00	53.51 -0.54 0.00	59.44 -0.36 0.00	64.78 -0.72 0.00	81.87 -0.91 0.00	90.23 -2.12 0.00	92.11 -3.14 0.00	96.81 -4.16 0.59	97.15 -3.76 0.63	105.80 -4.30 3.06	120.78 -5.06 7.32	141.06 -4.81 0.00	129.79 -3.59 10.28	108.39 -2.29 4.03	93.61 -2.40 0.00	81.26 -0.16 0.00	65.14 -0.13 0.00
MAPLEWOD_115KV_TB3 80458	60.92 1.60 0.00	54.40 1.58 0.00	50.81 1.53 0.00	50.46 1.56 0.00	51.07 1.54 0.00	50.71 1.86 0.00	50.33 1.89 0.00	51.38 1.93 0.00	56.16 2.11 0.00	62.61 2.33 -0.48	68.18 2.69 0.00	86.01 3.23 0.00	109.34 4.34 -12.64	146.08 4.67 -46.16	159.11 5.18 -52.37	234.54 5.18 -127.83	189.64 5.77 -70.70	192.33 6.79 -52.37	295.20 7.29 -142.03	261.65 6.75 -111.24	155.13 5.28 -35.13	83.67 4.32 16.66	84.51 3.09 0.00	67.81 2.55 0.00
MAPLE_RIDGE_WT_1 323574	58.31 -1.01 0.00	51.97 -0.85 0.00	48.55 -0.74 0.00	48.26 -0.64 0.00	48.94 -0.59 0.00	48.21 -0.64 0.00	47.87 -0.58 0.00	48.91 -0.54 0.00	53.46 -0.59 0.00	59.14 -0.66 0.00	64.78 -0.72 0.00	81.96 -0.83 0.00	91.34 -1.01 0.00	93.92 -1.33 0.00	99.98 -1.63 -0.05	100.06 -1.52 -0.05	111.82 -1.58 -0.24	131.87 -1.86 -0.58	143.98 -1.90 0.00	142.75 -1.72 -0.81	113.78 -1.26 -0.32	94.95 -1.05 0.00	81.01 -0.41 0.00	65.01 -0.26 0.00
MAPLE_RIDGE_WT_2 323611	58.31 -1.01 0.00	51.97 -0.85 0.00	48.55 -0.74 0.00	48.26 -0.64 0.00	48.94 -0.59 0.00	48.21 -0.64 0.00	47.87 -0.58 0.00	48.91 -0.54 0.00	53.46 -0.59 0.00	59.14 -0.66 0.00	64.78 -0.72 0.00	81.96 -0.83 0.00	91.34 -1.01 0.00	93.92 -1.33 0.00	99.98 -1.63 -0.05	100.06 -1.52 -0.05	111.82 -1.58 -0.24	131.87 -1.86 -0.58	143.98 -1.90 0.00	142.75 -1.72 -0.81	113.78 -1.26 -0.32	94.95 -1.05 0.00	81.01 -0.41 0.00	65.01 -0.26 0.00
MARBLE_RIVER_WT_PWR 323696	58.13 -1.19 0.00	51.87 -0.95 0.00	48.55 -0.74 0.00	48.26 -0.64 0.00	48.99 -0.54 0.00	47.82 -1.03 0.00	47.48 -0.97 0.00	48.51 -0.94 0.00	52.92 -1.14 0.00	58.42 -1.37 0.00	64.06 -1.44 0.00	81.04 -1.74 0.00	89.67 -2.68 0.00	91.83 -3.43 0.00	97.39 -4.17 0.00	97.68 -3.86 0.00	108.86 -4.30 0.00	127.97 -5.20 0.00	140.77 -5.11 0.00	139.48 -4.17 0.00	111.63 -3.09 0.00	93.22 -2.79 0.00	80.36 -1.06 0.00	64.49 -0.78 0.00
MARSHVLE_115KV_TB1 80742	65.25 5.93 0.00	58.04 5.23 0.00	54.07 4.78 0.00	53.59 4.69 0.00	54.34 4.80 0.00	54.03 5.18 0.00	53.48 5.04 0.00	54.15 4.70 0.00	58.92 4.86 0.00	65.25 5.32 -0.13	71.59 6.09 0.00	90.65 7.86 0.00	104.34 8.77 -3.21	132.25 8.95 -28.03	144.73 9.65 -33.52	218.85 9.65 -107.67	181.68 9.62 -58.90	186.14 11.59 -41.39	333.45 13.71 -173.86	315.70 15.08 -156.96	223.46 12.62 -96.12	113.26 11.33 -5.92	90.54 9.12 0.00	72.32 7.05 0.00
MARSH_HILL_WT_PWR 323713	58.61 -0.71 0.00	51.60 -1.21 0.00	47.71 -1.58 0.00	46.69 -2.20 0.00	47.21 -2.33 0.00	47.34 -1.51 0.00	46.85 -1.60 0.00	47.38 -2.08 0.00	52.11 -1.94 0.00	57.11 -2.69 0.00	62.75 -2.75 0.00	79.06 -3.72 0.00	87.23 -5.08 0.04	89.47 -5.05 0.73	100.17 -4.77 -3.38	103.26 -3.96 -5.69	112.76 -3.73 -3.33	133.01 -2.53 -2.38	153.00 -2.48 -9.60	150.19 -1.30 -7.83	120.09 0.00 -5.37	96.07 -0.29 -0.35	80.45 -0.97 0.00	65.60 0.33 0.00
MCINTYRE_115KV_TB2 80467	60.68 1.36 0.00	53.92 1.11 0.00	50.27 0.99 0.00	50.02 1.12 0.00	50.77 1.24 0.00	49.44 0.59 0.00	48.93 0.48 0.00	49.65 0.20 0.00	53.78 -0.27 0.00	59.44 -0.36 0.00	64.65 -0.85 0.00	81.38 -1.41 0.00	89.40 -2.96 0.00	91.45 -3.81 0.00	93.71 -5.79 2.06	93.85 -5.48 2.20	96.44 -6.00 10.72	100.58 -6.92 25.65	140.04 -5.84 0.00	103.18 -4.45 36.02	97.71 -2.87 14.14	93.61 -2.40 0.00	82.07 0.65 0.00	65.79 0.52 0.00
MECO_____69_KV_BK1 80468	65.37 6.05 0.00	58.20 5.39 0.00	54.21 4.93 0.00	53.68 4.79 0.00	54.44 4.90 0.00	54.13 5.28 0.00	53.63 5.18 0.00	54.49 5.04 0.00	59.24 5.19 0.00	65.62 5.68 -0.14	71.92 6.42 0.00	90.90 8.11 0.00	104.94 9.14 -3.45	132.00 9.14 -27.60	145.84 9.95 -34.33	227.83 10.05 -116.24	187.19 10.75 -63.28	190.96 13.18 -44.61	346.55 15.32 -185.35	327.62 16.38 -167.59	230.70 13.42 -102.56	113.75 11.43 -6.31	90.86 9.44 0.00	72.51 7.24 0.00
MENANDS___115KV_TB5 355628	60.45 1.13 0.00	54.03 1.21 0.00	50.52 1.23 0.00	50.16 1.27 0.00	50.72 1.19 0.00	50.41 1.56 0.00	50.04 1.60 0.00	51.08 1.63 0.00	55.84 1.78 0.00	62.19 1.97 -0.42	67.79 2.29 0.00	85.43 2.65 0.00	106.93 3.79 -10.79	141.26 4.10 -41.90	154.04 4.57 -47.91	223.84 4.57 -117.73	182.59 5.09 -64.34	186.09 5.86 -47.07	281.16 6.27 -129.01	248.12 5.75 -98.72	147.46 4.36 -28.38	82.09 3.55 17.48	83.86 2.44 0.00	67.36 2.09 0.00
MG INDUSTRY___DRP 24185	59.20 -0.12 0.00	52.87 0.05 0.00	49.48 0.20 0.00	49.19 0.29 0.00	49.78 0.25 0.00	49.39 0.54 0.00	48.93 0.48 0.00	49.80 0.35 0.00	54.27 0.22 0.00	59.58 0.24 0.45	65.68 0.20 0.02	82.85 0.08 0.02	78.57 0.83 14.61	80.31 1.14 16.09	90.32 1.42 12.67	93.78 1.32 9.07	99.69 1.58 15.06	115.67 1.86 19.36	147.18 1.90 0.59	135.91 1.72 9.47	112.87 1.38 3.23	88.15 1.15 9.01	81.91 0.49 0.00	65.72 0.46 0.00

MID___OSWEGATCHIE_HYD 23849	60.03 0.71 0.00	53.29 0.48 0.00	49.68 0.39 0.00	49.38 0.49 0.00	50.13 0.59 0.00	49.19 0.34 0.00	48.83 0.39 0.00	49.75 0.30 0.00	54.16 0.11 0.00	59.80 0.00 0.00	65.43 -0.07 0.00	82.21 -0.58 0.00	90.60 -1.75 0.00	93.42 -2.19 -0.36	97.35 -3.35 0.86	97.47 -2.74 1.33	103.53 -3.17 6.46	114.36 -3.33 15.47	143.69 -2.19 0.00	120.37 -1.58 21.71	105.39 -0.80 8.52	95.53 -0.48 0.00	82.40 0.98 0.00	66.05 0.78 0.00
MID___RAQUETTE_HYD 23851	59.44 0.12 0.00	52.81 0.00 0.00	49.29 0.00 0.00	49.04 0.15 0.00	49.78 0.25 0.00	48.46 -0.39 0.00	48.01 -0.44 0.00	48.91 -0.54 0.00	53.19 -0.86 0.00	58.90 -0.90 0.00	64.12 -1.38 0.00	80.30 -2.48 0.00	88.11 -4.25 0.00	90.11 -5.14 0.00	92.52 -7.21 1.83	92.57 -7.01 1.96	95.81 -7.81 9.54	101.14 -9.19 22.83	136.83 -9.04 0.00	103.41 -8.19 32.06	96.17 -5.97 12.59	91.02 -4.99 0.00	80.04 -1.38 0.00	64.35 -0.91 0.00
MILLIKEN___1 23584	60.62 1.31 0.00	53.77 0.95 0.00	49.98 0.69 0.00	49.43 0.54 0.00	50.08 0.54 0.00	49.78 0.93 0.00	49.51 1.07 0.00	50.54 1.09 0.00	55.24 1.19 0.00	60.87 1.08 0.00	66.74 1.24 0.00	84.28 1.49 0.00	94.07 1.66 -0.06	105.34 1.81 -8.27	107.41 2.23 -3.61	110.18 2.44 -6.21	119.34 2.60 -3.57	139.38 3.73 -2.49	160.45 4.52 -10.05	155.82 4.45 -7.71	123.80 3.67 -5.40	99.45 3.07 -0.36	83.21 1.79 0.00	66.77 1.50 0.00
MILLIKEN___2 23585	60.62 1.31 0.00	53.77 0.95 0.00	49.98 0.69 0.00	49.43 0.54 0.00	50.08 0.54 0.00	49.78 0.93 0.00	49.51 1.07 0.00	50.54 1.09 0.00	55.24 1.19 0.00	60.87 1.08 0.00	66.74 1.24 0.00	84.28 1.49 0.00	94.07 1.66 -0.06	105.34 1.81 -8.27	107.41 2.23 -3.61	110.18 2.44 -6.21	119.34 2.60 -3.57	139.38 3.73 -2.49	160.45 4.52 -10.05	155.82 4.45 -7.71	123.80 3.67 -5.40	99.45 3.07 -0.36	83.21 1.79 0.00	66.77 1.50 0.00
MILLIKEN___DIESEL 23629	60.62 1.31 0.00	53.77 0.95 0.00	49.98 0.69 0.00	49.43 0.54 0.00	50.08 0.54 0.00	49.78 0.93 0.00	49.51 1.07 0.00	50.54 1.09 0.00	55.24 1.19 0.00	60.87 1.08 0.00	66.74 1.24 0.00	84.28 1.49 0.00	94.07 1.66 -0.06	105.34 1.81 -8.27	107.41 2.23 -3.61	110.18 2.44 -6.21	119.34 2.60 -3.57	139.38 3.73 -2.49	160.45 4.52 -10.05	155.82 4.45 -7.71	123.80 3.67 -5.40	99.45 3.07 -0.36	83.21 1.79 0.00	66.77 1.50 0.00
MILLSEAT___LFGE 323607	59.02 -0.30 0.00	51.87 -0.95 0.00	47.85 -1.43 0.00	46.69 -2.20 0.00	46.96 -2.58 0.00	47.19 -1.66 0.00	46.22 -2.23 0.00	46.78 -2.67 0.00	51.79 -2.27 0.00	56.57 -3.23 0.00	62.36 -3.14 0.00	78.07 -4.72 0.00	84.68 -7.66 0.01	88.48 -7.71 -0.94	97.26 -6.50 -2.20	98.74 -6.60 -3.81	108.27 -7.13 -2.24	127.83 -6.93 -1.60	143.43 -8.90 -6.46	139.90 -8.62 -4.86	112.25 -6.08 -3.61	90.96 -5.28 -0.23	77.27 -4.15 0.00	63.12 -2.15 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	61.87 2.55 0.00	55.24 2.43 0.00	51.60 2.32 0.00	51.09 2.20 0.00	51.66 2.13 0.00	51.49 2.64 0.00	51.30 2.86 0.00	52.81 3.36 0.00	57.84 3.78 0.00	64.25 4.42 -0.03	70.08 4.58 0.00	88.99 6.21 0.00	102.47 8.50 -1.62	146.56 9.43 -41.87	203.85 10.26 -92.03	283.70 10.25 -171.91	331.62 11.66 -206.80	373.13 13.58 -226.39	299.55 14.44 -139.23	209.36 13.79 -51.91	151.44 10.32 -26.39	105.53 7.97 -1.55	86.47 5.05 0.00	69.12 3.85 0.00
MILLWOOD_13_KV_LOAD 356217	62.05 2.73 0.00	55.40 2.59 0.00	51.75 2.46 0.00	51.24 2.35 0.00	51.81 2.28 0.00	51.64 2.78 0.00	51.45 3.00 0.00	52.96 3.51 0.00	58.00 3.95 0.00	64.49 4.66 -0.03	70.34 4.85 0.00	89.33 6.54 0.00	102.93 8.96 -1.62	147.03 9.91 -41.87	204.26 10.66 -92.03	284.30 10.86 -171.91	332.41 12.45 -206.80	374.06 14.51 -226.39	300.42 15.32 -139.23	210.08 14.51 -51.91	152.01 10.90 -26.39	105.92 8.35 -1.55	86.79 5.37 0.00	69.38 4.11 0.00
MODEL_CITY_ENERGY 24167	57.07 -2.25 0.00	50.18 -2.64 0.00	46.28 -3.01 0.00	45.18 -3.72 0.00	45.13 -4.41 0.00	45.68 -3.17 0.00	44.38 -4.07 0.00	44.65 -4.80 0.00	49.57 -4.49 0.00	54.06 -5.74 0.00	59.47 -6.02 0.00	74.51 -8.28 0.00	81.63 -10.71 0.02	85.32 -10.86 -0.93	93.70 -10.06 -2.19	95.42 -10.15 -4.03	104.78 -10.75 -2.37	123.41 -11.45 -1.70	138.44 -14.29 -6.85	134.59 -14.22 -5.16	108.23 -10.32 -3.83	87.43 -8.83 -0.25	73.76 -7.66 0.00	60.64 -4.63 0.00
MODERN_LFGE___ 323580	57.07 -2.25 0.00	50.18 -2.64 0.00	46.28 -3.01 0.00	45.18 -3.72 0.00	45.13 -4.41 0.00	45.68 -3.17 0.00	44.38 -4.07 0.00	44.65 -4.80 0.00	49.57 -4.49 0.00	54.06 -5.74 0.00	59.47 -6.02 0.00	74.51 -8.28 0.00	81.63 -10.71 0.02	85.32 -10.86 -0.93	93.70 -10.06 -2.19	95.42 -10.15 -4.03	104.78 -10.75 -2.37	123.41 -11.45 -1.70	138.44 -14.29 -6.85	134.59 -14.22 -5.16	108.23 -10.32 -3.83	87.43 -8.83 -0.25	73.76 -7.66 0.00	60.64 -4.63 0.00
MOHAWK_PAPER___DRP 24187	60.92 1.60 0.00	54.40 1.58 0.00	50.81 1.53 0.00	50.46 1.56 0.00	51.07 1.54 0.00	50.71 1.86 0.00	50.33 1.89 0.00	51.38 1.93 0.00	56.16 2.11 0.00	62.61 2.33 -0.48	68.18 2.69 0.00	86.01 3.23 0.00	109.34 4.34 -12.64	146.08 4.67 -46.16	159.11 5.18 -52.37	234.54 5.18 -127.83	189.64 5.77 -70.70	192.33 6.79 -52.37	295.20 7.29 -142.03	261.65 6.75 -111.24	155.13 5.28 -35.13	83.67 4.32 16.66	84.51 3.09 0.00	67.81 2.55 0.00
MOHICAN___35_KV_115KV_LD 80490	62.94 3.62 0.00	56.09 3.27 0.00	52.29 3.01 0.00	51.78 2.88 0.00	52.46 2.92 0.00	52.07 3.22 0.00	51.69 3.25 0.00	52.81 3.36 0.00	57.62 3.57 0.00	64.07 4.01 -0.27	69.76 4.26 0.00	88.17 5.38 0.00	105.30 6.19 -6.76	134.77 6.19 -33.32	148.66 6.70 -40.39	239.96 7.01 -131.42	192.40 7.70 -71.55	193.44 9.19 -51.09	386.85 11.09 -229.88	377.22 11.35 -222.21	276.01 9.29 -152.00	125.99 7.49 -22.50	87.53 6.11 0.00	69.97 4.70 0.00
MONGAUP___HYD 23641	62.05 2.73 0.00	55.30 2.48 0.00	51.60 2.32 0.00	51.04 2.15 0.00	51.66 2.13 0.00	51.44 2.59 0.00	51.21 2.76 0.00	52.52 3.07 0.00	57.19 3.13 0.00	63.38 3.59 0.00	69.16 3.67 0.00	87.50 4.72 0.00	100.31 6.65 -1.30	129.93 7.52 -27.15	133.21 7.71 -23.93	158.88 8.02 -49.33	197.16 8.49 -75.51	223.91 10.12 -80.64	238.78 11.23 -81.67	196.35 10.91 -41.78	148.13 9.41 -24.00	105.40 7.96 -1.43	86.79 5.37 0.00	69.38 4.11 0.00
MONTAUK___DIESEL 23721	64.07 4.75 0.00	56.62 3.80 0.00	52.83 3.55 0.00	51.97 3.08 0.00	52.11 2.58 0.00	51.98 3.13 0.00	51.16 2.71 0.00	53.36 3.91 0.00	59.51 5.46 0.00	66.88 7.06 -0.03	72.25 6.75 0.00	96.11 9.27 -4.05	107.56 13.95 -1.26	172.86 15.05 -62.55	224.97 14.62 -108.78	302.35 13.40 -187.41	368.63 15.84 -239.63	406.06 19.18 -253.73	319.76 20.71 -153.17	251.26 20.97 -86.63	156.08 17.55 -23.80	109.95 12.39 -1.56	87.61 6.19 0.00	71.34 6.07 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	58.37 -0.95 0.00	51.39 -1.43 0.00	47.22 -2.07 0.00	46.11 -2.79 0.00	46.61 -2.92 0.00	46.85 -2.00 0.00	46.56 -1.89 0.00	47.57 -1.88 0.00	52.38 -1.68 0.00	57.52 -2.27 0.00	63.40 -2.10 0.00	79.39 -3.39 0.00	87.90 -4.43 0.02	91.65 -4.48 -0.87	99.84 -4.37 -2.64	103.46 -2.84 -4.77	113.30 -2.60 -2.74	132.40 -2.80 -2.04	150.14 -3.94 -8.20	146.53 -3.30 -6.18	117.59 -1.72 -4.59	94.10 -2.21 -0.30	78.98 -2.44 0.00	64.94 -0.33 0.00

MORRIS_RIDGE___SOLAR 323848	58.07 -1.25 0.00	51.12 -1.69 0.00	47.31 -1.97 0.00	46.30 -2.59 0.00	46.76 -2.77 0.00	46.85 -2.00 0.00	46.17 -2.28 0.00	46.48 -2.97 0.00	51.14 -2.92 0.00	56.03 -3.77 0.00	61.57 -3.93 0.00	77.57 -5.21 0.00	85.67 -6.65 0.03	89.26 -6.48 -0.48	98.43 -6.30 -3.17	101.28 -5.68 -5.43	110.59 -5.77 -3.20	130.53 -4.92 -2.29	149.27 -5.84 -9.24	146.30 -4.88 -7.53	116.90 -2.98 -5.16	93.56 -2.79 -0.33	78.49 -2.93 0.00	64.09 -1.17 0.00
MORTIMER_115KV_TB3 55949	58.96 -0.36 0.00	52.08 -0.74 0.00	48.15 -1.13 0.00	47.23 -1.66 0.00	47.85 -1.68 0.00	47.58 -1.27 0.00	47.23 -1.21 0.00	48.41 -1.04 0.00	52.92 -1.14 0.00	58.12 -1.67 0.00	64.06 -1.44 0.00	80.38 -2.40 0.00	88.74 -3.60 0.01	92.71 -3.52 -0.98	101.59 -2.03 -2.06	99.20 -2.34 0.00	110.45 -2.72 0.00	132.11 -2.40 -1.35	147.81 -3.50 -5.43	144.15 -3.59 -4.09	115.35 -2.41 -3.04	94.00 -2.21 -0.20	78.98 -2.44 0.00	63.96 -1.31 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	62.23 2.91 0.00	55.67 2.85 0.00	52.05 2.76 0.00	51.48 2.59 0.00	52.06 2.53 0.00	51.88 3.03 0.00	51.79 3.34 0.00	53.36 3.91 0.00	58.43 4.38 0.00	64.85 5.02 -0.03	70.74 5.24 0.00	89.82 7.04 0.00	103.68 9.70 -1.63	152.18 10.57 -46.35	211.54 11.37 -98.60	300.50 11.37 -187.59	362.06 12.90 -236.00	408.00 15.05 -259.79	317.59 16.05 -155.67	213.09 15.23 -54.20	152.83 11.59 -26.52	106.40 8.83 -1.56	87.12 5.70 0.00	69.64 4.37 0.00
MUNSVILLE_WIND_PWR 323609	64.96 5.64 0.00	57.51 4.70 0.00	53.47 4.19 0.00	53.20 4.30 0.00	54.09 4.55 0.00	54.08 5.23 0.00	54.11 5.67 0.00	55.23 5.78 0.00	60.43 6.38 0.00	66.43 6.64 0.00	72.90 7.40 0.00	92.55 9.76 0.00	103.19 10.80 -0.04	115.17 11.33 -8.58	119.61 12.08 -5.97	128.28 12.28 -14.47	129.52 9.61 -6.74	150.51 12.51 -4.84	180.53 15.17 -19.49	174.79 14.94 -16.19	137.66 12.04 -10.90	106.99 10.28 -0.71	88.66 7.24 0.00	71.14 5.88 0.00
N SALMON___HYD 24042	59.08 -0.24 0.00	52.60 -0.21 0.00	49.14 -0.15 0.00	48.89 0.00 0.00	49.63 0.10 0.00	48.46 -0.39 0.00	48.11 -0.34 0.00	49.16 -0.29 0.00	53.51 -0.54 0.00	59.20 -0.60 0.00	64.78 -0.72 0.00	81.88 -0.91 0.00	90.23 -2.12 0.00	92.12 -3.14 0.00	96.81 -4.17 0.59	97.15 -3.75 0.63	105.80 -4.30 3.06	120.65 -5.20 7.32	141.07 -4.81 0.00	129.79 -3.59 10.28	108.39 -2.29 4.03	93.61 -2.40 0.00	81.26 -0.16 0.00	65.14 -0.13 0.00
N.AKRON__115KV_KNAPP 355671	58.61 -0.71 0.00	51.60 -1.21 0.00	47.51 -1.77 0.00	46.35 -2.54 0.00	46.91 -2.63 0.00	46.85 -2.00 0.00	46.17 -2.28 0.00	47.08 -2.37 0.00	51.30 -2.76 0.00	55.97 -3.83 0.00	61.63 -3.86 0.00	77.07 -5.71 0.00	84.12 -8.22 0.01	88.00 -8.19 -0.93	96.66 -7.11 -2.20	98.29 -7.11 -3.87	107.58 -7.81 -2.22	126.82 -7.99 -1.65	142.60 -9.92 -6.64	138.88 -9.77 -5.00	111.66 -6.77 -3.71	90.30 -5.95 -0.24	76.37 -5.05 0.00	62.53 -2.74 0.00
N.E_GEN_SANDY PD 24062	62.41 2.08 -1.02	56.03 2.01 -1.21	54.12 1.92 -2.91	51.55 1.90 -0.75	51.65 1.88 -0.23	55.04 2.25 -3.94	59.27 2.42 -8.40	66.86 2.67 -14.74	64.96 2.86 -8.04	67.20 3.29 -4.12	69.88 3.47 -0.91	87.09 4.30 0.00	103.71 6.00 -5.36	128.66 6.57 -26.84	140.30 7.21 -31.53	168.00 7.21 -59.26	215.00 8.26 -93.58	302.17 9.59 -159.42	278.61 10.21 -122.52	250.00 9.48 -96.87	188.90 7.35 -66.83	123.00 5.86 -21.13	85.17 3.75 0.00	69.58 3.13 -1.18
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	61.75 2.43 0.00	55.09 2.27 0.00	51.50 2.22 0.00	50.95 2.05 0.00	51.52 1.98 0.00	51.34 2.49 0.00	51.16 2.71 0.00	52.62 3.16 0.00	57.68 3.62 0.00	64.07 4.25 -0.02	69.95 4.45 0.00	88.75 5.96 0.00	102.17 8.31 -1.50	140.46 9.24 -35.96	133.88 10.05 -22.27	167.72 10.15 -56.03	238.35 11.54 -113.64	271.60 13.45 -124.99	271.15 14.15 -111.12	205.23 13.50 -48.07	150.43 10.10 -25.62	105.30 7.78 -1.51	86.39 4.97 0.00	69.05 3.79 0.00
N.QUEENS_27_KV_LOAD 356247	62.47 3.14 -0.01	56.04 3.22 -0.01	52.39 3.10 0.00	51.78 2.88 0.00	52.41 2.87 0.00	52.17 3.32 0.00	52.03 3.58 0.00	53.46 4.01 0.00	58.27 4.22 0.00	64.43 4.60 -0.03	70.34 4.85 0.00	89.33 6.54 0.00	103.68 9.42 -1.91	152.71 10.10 -47.35	213.17 11.07 -100.54	300.58 11.37 -187.67	363.19 12.90 -237.12	413.67 15.05 -265.47	321.56 15.75 -159.93	215.98 15.23 -57.10	153.90 11.59 -27.59	106.23 8.64 -1.58	87.05 5.62 -0.01	69.46 4.18 -0.02
N.TROY___115KV_TB1 355778	61.57 2.25 0.00	54.93 2.11 0.00	51.31 2.02 0.00	50.90 2.00 0.00	51.52 1.98 0.00	51.15 2.30 0.00	50.82 2.37 0.00	51.87 2.42 0.00	56.65 2.59 0.00	63.17 2.93 -0.44	68.71 3.21 0.00	86.76 3.97 0.00	109.18 5.17 -11.66	144.77 5.52 -43.99	158.42 6.09 -50.77	244.94 6.09 -137.32	195.85 6.90 -75.78	196.94 8.12 -55.65	422.71 8.90 -267.94	429.26 8.48 -277.12	330.29 6.54 -209.03	146.93 5.47 -45.45	85.25 3.83 0.00	68.47 3.20 0.00
NARROWS_GT1_1 24228	62.23 2.91 0.00	55.98 3.17 0.00	52.55 3.25 -0.01	51.93 3.03 -0.01	52.46 2.92 -0.01	52.07 3.22 0.00	52.08 3.64 0.00	53.75 4.30 0.00	58.32 4.27 0.00	64.66 4.84 -0.02	70.47 4.98 0.01	89.48 6.70 0.01	103.59 9.60 -1.63	151.55 10.00 -46.29	210.78 10.66 -98.55	299.66 10.66 -187.46	360.96 12.11 -235.69	406.71 14.11 -259.44	258.35 15.03 -97.44	208.77 14.22 -50.89	151.25 10.90 -25.62	105.91 8.35 -1.55	87.03 5.61 0.00	69.50 4.24 0.01
NARROWS_GT1_2 24229	62.23 2.91 0.00	55.98 3.17 0.00	52.55 3.25 -0.01	51.93 3.03 -0.01	52.46 2.92 -0.01	52.07 3.22 0.00	52.08 3.64 0.00	53.75 4.30 0.00	58.32 4.27 0.00	64.66 4.84 -0.02	70.47 4.98 0.01	89.48 6.70 0.01	103.59 9.60 -1.63	151.55 10.00 -46.29	210.78 10.66 -98.55	299.66 10.66 -187.46	360.96 12.11 -235.69	406.71 14.11 -259.44	258.35 15.03 -97.44	208.77 14.22 -50.89	151.25 10.90 -25.62	105.91 8.35 -1.55	87.03 5.61 0.00	69.50 4.24 0.01
NARROWS_GT1_3 24230	62.23 2.91 0.00	55.98 3.17 0.00	52.55 3.25 -0.01	51.93 3.03 -0.01	52.46 2.92 -0.01	52.07 3.22 0.00	52.08 3.64 0.00	53.75 4.30 0.00	58.32 4.27 0.00	64.66 4.84 -0.02	70.47 4.98 0.01	89.48 6.70 0.01	103.59 9.60 -1.63	151.55 10.00 -46.29	210.78 10.66 -98.55	299.66 10.66 -187.46	360.96 12.11 -235.69	406.71 14.11 -259.44	258.35 15.03 -97.44	208.77 14.22 -50.89	151.25 10.90 -25.62	105.91 8.35 -1.55	87.03 5.61 0.00	69.50 4.24 0.01
NARROWS_GT1_4 24231	62.23 2.91 0.00	55.98 3.17 0.00	52.55 3.25 -0.01	51.93 3.03 -0.01	52.46 2.92 -0.01	52.07 3.22 0.00	52.08 3.64 0.00	53.75 4.30 0.00	58.32 4.27 0.00	64.66 4.84 -0.02	70.47 4.98 0.01	89.48 6.70 0.01	103.59 9.60 -1.63	151.55 10.00 -46.29	210.78 10.66 -98.55	299.66 10.66 -187.46	360.96 12.11 -235.69	406.71 14.11 -259.44	258.35 15.03 -97.44	208.77 14.22 -50.89	151.25 10.90 -25.62	105.91 8.35 -1.55	87.03 5.61 0.00	69.50 4.24 0.01
NARROWS_GT1_5 24232	62.23 2.91 0.00	55.98 3.17 0.00	52.55 3.25 -0.01	51.93 3.03 -0.01	52.46 2.92 -0.01	52.07 3.22 0.00	52.08 3.64 0.00	53.75 4.30 0.00	58.32 4.27 0.00	64.66 4.84 -0.02	70.47 4.98 0.01	89.48 6.70 0.01	103.59 9.60 -1.63	151.55 10.00 -46.29	210.78 10.66 -98.55	299.66 10.66 -187.46	360.96 12.11 -235.69	406.71 14.11 -259.44	258.35 15.03 -97.44	208.77 14.22 -50.89	151.25 10.90 -25.62	105.91 8.35 -1.55	87.03 5.61 0.00	69.50 4.24 0.01

NARROWS_GT1_6 24233	62.23 2.91 0.00	55.98 3.17 0.00	52.55 3.25 -0.01	51.93 3.03 -0.01	52.46 2.92 -0.01	52.07 3.22 0.00	52.08 3.64 0.00	53.75 4.30 0.00	58.32 4.27 0.00	64.66 4.84 -0.02	70.47 4.98 0.01	89.48 6.70 0.01	103.59 9.60 -1.63	151.55 10.00 -46.29	210.78 10.66 -98.55	299.66 10.66 -187.46	360.96 12.11 -235.69	406.71 14.11 -259.44	258.35 15.03 -97.44	208.77 14.22 -50.89	151.25 10.90 -25.62	105.91 8.35 -1.55	87.03 5.61 0.00	69.50 4.24 0.01
NARROWS_GT1_7 24234	62.23 2.91 0.00	55.98 3.17 0.00	52.55 3.25 -0.01	51.93 3.03 -0.01	52.46 2.92 -0.01	52.07 3.22 0.00	52.08 3.64 0.00	53.75 4.30 0.00	58.32 4.27 0.00	64.66 4.84 -0.02	70.47 4.98 0.01	89.48 6.70 0.01	103.59 9.60 -1.63	151.55 10.00 -46.29	210.78 10.66 -98.55	299.66 10.66 -187.46	360.96 12.11 -235.69	406.71 14.11 -259.44	258.35 15.03 -97.44	208.77 14.22 -50.89	151.25 10.90 -25.62	105.91 8.35 -1.55	87.03 5.61 0.00	69.50 4.24 0.01
NARROWS_GT1_8 24235	62.23 2.91 0.00	55.98 3.17 0.00	52.55 3.25 -0.01	51.93 3.03 -0.01	52.46 2.92 -0.01	52.07 3.22 0.00	52.08 3.64 0.00	53.75 4.30 0.00	58.32 4.27 0.00	64.66 4.84 -0.02	70.47 4.98 0.01	89.48 6.70 0.01	103.59 9.60 -1.63	151.55 10.00 -46.29	210.78 10.66 -98.55	299.66 10.66 -187.46	360.96 12.11 -235.69	406.71 14.11 -259.44	258.35 15.03 -97.44	208.77 14.22 -50.89	151.25 10.90 -25.62	105.91 8.35 -1.55	87.03 5.61 0.00	69.50 4.24 0.01
NARROWS_GT2_1 24236	62.23 2.91 0.00	55.98 3.17 0.00	52.55 3.25 -0.01	51.93 3.03 -0.01	52.46 2.92 -0.01	52.07 3.22 0.00	52.08 3.64 0.00	53.75 4.30 0.00	58.32 4.27 0.00	64.66 4.84 -0.02	70.47 4.98 0.01	89.48 6.70 0.01	103.59 9.60 -1.63	151.55 10.00 -46.29	210.78 10.66 -98.55	299.66 10.66 -187.46	360.96 12.11 -235.69	406.71 14.11 -259.44	258.35 15.03 -97.44	208.77 14.22 -50.89	151.25 10.90 -25.62	105.91 8.35 -1.55	87.03 5.61 0.00	69.50 4.24 0.01
NARROWS_GT2_2 24237	62.23 2.91 0.00	55.98 3.17 0.00	52.55 3.25 -0.01	51.93 3.03 -0.01	52.46 2.92 -0.01	52.07 3.22 0.00	52.08 3.64 0.00	53.75 4.30 0.00	58.32 4.27 0.00	64.66 4.84 -0.02	70.47 4.98 0.01	89.48 6.70 0.01	103.59 9.60 -1.63	151.55 10.00 -46.29	210.78 10.66 -98.55	299.66 10.66 -187.46	360.96 12.11 -235.69	406.71 14.11 -259.44	258.35 15.03 -97.44	208.77 14.22 -50.89	151.25 10.90 -25.62	105.91 8.35 -1.55	87.03 5.61 0.00	69.50 4.24 0.01
NARROWS_GT2_3 24238	62.23 2.91 0.00	55.98 3.17 0.00	52.55 3.25 -0.01	51.93 3.03 -0.01	52.46 2.92 -0.01	52.07 3.22 0.00	52.08 3.64 0.00	53.75 4.30 0.00	58.32 4.27 0.00	64.66 4.84 -0.02	70.47 4.98 0.01	89.48 6.70 0.01	103.59 9.60 -1.63	151.55 10.00 -46.29	210.78 10.66 -98.55	299.66 10.66 -187.46	360.96 12.11 -235.69	406.71 14.11 -259.44	258.35 15.03 -97.44	208.77 14.22 -50.89	151.25 10.90 -25.62	105.91 8.35 -1.55	87.03 5.61 0.00	69.50 4.24 0.01
NARROWS_GT2_4 24239	62.23 2.91 0.00	55.98 3.17 0.00	52.55 3.25 -0.01	51.93 3.03 -0.01	52.46 2.92 -0.01	52.07 3.22 0.00	52.08 3.64 0.00	53.75 4.30 0.00	58.32 4.27 0.00	64.66 4.84 -0.02	70.47 4.98 0.01	89.48 6.70 0.01	103.59 9.60 -1.63	151.55 10.00 -46.29	210.78 10.66 -98.55	299.66 10.66 -187.46	360.96 12.11 -235.69	406.71 14.11 -259.44	258.35 15.03 -97.44	208.77 14.22 -50.89	151.25 10.90 -25.62	105.91 8.35 -1.55	87.03 5.61 0.00	69.50 4.24 0.01
NARROWS_GT2_5 24240	62.23 2.91 0.00	55.98 3.17 0.00	52.55 3.25 -0.01	51.93 3.03 -0.01	52.46 2.92 -0.01	52.07 3.22 0.00	52.08 3.64 0.00	53.75 4.30 0.00	58.32 4.27 0.00	64.66 4.84 -0.02	70.47 4.98 0.01	89.48 6.70 0.01	103.59 9.60 -1.63	151.55 10.00 -46.29	210.78 10.66 -98.55	299.66 10.66 -187.46	360.96 12.11 -235.69	406.71 14.11 -259.44	258.35 15.03 -97.44	208.77 14.22 -50.89	151.25 10.90 -25.62	105.91 8.35 -1.55	87.03 5.61 0.00	69.50 4.24 0.01
NARROWS_GT2_6 24241	62.23 2.91 0.00	55.98 3.17 0.00	52.55 3.25 -0.01	51.93 3.03 -0.01	52.46 2.92 -0.01	52.07 3.22 0.00	52.08 3.64 0.00	53.75 4.30 0.00	58.32 4.27 0.00	64.66 4.84 -0.02	70.47 4.98 0.01	89.48 6.70 0.01	103.59 9.60 -1.63	151.55 10.00 -46.29	210.78 10.66 -98.55	299.66 10.66 -187.46	360.96 12.11 -235.69	406.71 14.11 -259.44	258.35 15.03 -97.44	208.77 14.22 -50.89	151.25 10.90 -25.62	105.91 8.35 -1.55	87.03 5.61 0.00	69.50 4.24 0.01
NARROWS_GT2_7 24242	62.23 2.91 0.00	55.98 3.17 0.00	52.55 3.25 -0.01	51.93 3.03 -0.01	52.46 2.92 -0.01	52.07 3.22 0.00	52.08 3.64 0.00	53.75 4.30 0.00	58.32 4.27 0.00	64.66 4.84 -0.02	70.47 4.98 0.01	89.48 6.70 0.01	103.59 9.60 -1.63	151.55 10.00 -46.29	210.78 10.66 -98.55	299.66 10.66 -187.46	360.96 12.11 -235.69	406.71 14.11 -259.44	258.35 15.03 -97.44	208.77 14.22 -50.89	151.25 10.90 -25.62	105.91 8.35 -1.55	87.03 5.61 0.00	69.50 4.24 0.01
NARROWS_GT2_8 24243	62.23 2.91 0.00	55.98 3.17 0.00	52.55 3.25 -0.01	51.93 3.03 -0.01	52.46 2.92 -0.01	52.07 3.22 0.00	52.08 3.64 0.00	53.75 4.30 0.00	58.32 4.27 0.00	64.66 4.84 -0.02	70.47 4.98 0.01	89.48 6.70 0.01	103.59 9.60 -1.63	151.55 10.00 -46.29	210.78 10.66 -98.55	299.66 10.66 -187.46	360.96 12.11 -235.69	406.71 14.11 -259.44	258.35 15.03 -97.44	208.77 14.22 -50.89	151.25 10.90 -25.62	105.91 8.35 -1.55	87.03 5.61 0.00	69.50 4.24 0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	61.28 1.96 0.00	54.61 1.80 0.00	51.01 1.72 0.00	50.60 1.71 0.00	51.27 1.73 0.00	50.85 2.00 0.00	50.48 2.03 0.00	51.43 1.98 0.00	55.73 1.68 0.00	61.40 2.09 0.49	67.44 1.96 0.02	85.08 2.32 0.02	80.65 3.97 15.68	80.98 4.48 18.76	89.85 4.98 16.69	90.08 5.28 16.74	101.09 6.22 18.30	119.18 7.59 21.57	145.50 8.61 8.98	135.45 8.62 16.82	114.61 6.77 6.88	92.57 5.66 9.10	85.00 3.58 0.00	68.14 2.87 0.00
NCHELSEA_115KV_TR2 355582	62.29 2.97 0.00	55.56 2.75 0.00	51.90 2.61 0.00	51.34 2.44 0.00	51.96 2.43 0.00	51.73 2.88 0.00	51.55 3.10 0.00	52.96 3.51 0.00	57.95 3.89 0.00	64.34 4.54 0.00	70.41 4.91 0.00	89.24 6.46 0.00	102.46 8.77 -1.33	123.38 9.81 -18.31	132.73 10.56 -20.61	143.97 10.76 -31.67	144.09 12.33 -18.60	161.37 14.25 -13.96	210.55 15.17 -49.50	198.65 14.37 -40.63	152.11 10.90 -26.49	106.24 8.64 -1.59	87.12 5.70 0.00	69.71 4.44 0.00
NEG CAPITAL___MECHNVIL 23645	62.64 3.32 0.00	55.82 3.01 0.00	52.09 2.81 0.00	51.63 2.74 0.00	52.26 2.72 0.00	51.88 3.03 0.00	51.50 3.05 0.00	52.66 3.21 0.00	57.46 3.41 0.00	63.95 3.83 -0.32	69.69 4.20 0.00	88.09 5.30 0.00	107.02 6.37 -8.30	138.57 6.67 -36.65	152.42 7.21 -43.64	242.39 7.41 -133.44	194.35 8.26 -72.93	195.57 9.85 -52.56	399.22 10.95 -242.40	394.56 10.78 -240.12	293.72 8.49 -170.51	132.89 7.00 -29.88	86.88 5.46 0.00	69.57 4.31 0.00
NEG CENTRAL_HIGH_ACRES 23767	58.25 -1.07 0.00	51.44 -1.37 0.00	47.66 -1.63 0.00	46.79 -2.10 0.00	47.41 -2.13 0.00	47.14 -1.71 0.00	46.70 -1.74 0.00	47.67 -1.78 0.00	52.60 -1.46 0.00	57.88 -1.92 0.00	63.79 -1.70 0.00	80.30 -2.48 0.00	88.74 -3.60 0.01	92.90 -3.52 -1.17	101.13 -2.44 -2.01	98.80 -2.74 0.00	110.11 -3.05 0.00	130.36 -2.80 0.00	141.95 -3.93 0.00	139.63 -4.02 0.00	111.74 -2.98 0.00	93.42 -2.59 0.00	78.49 -2.93 0.00	63.37 -1.89 0.00

NEG CENTRAL___DRP 24199	59.74 0.42 0.00	52.87 0.05 0.00	49.04 -0.25 0.00	48.36 -0.54 0.00	48.99 -0.54 0.00	48.75 -0.10 0.00	48.49 0.05 0.00	49.55 0.10 0.00	54.22 0.16 0.00	59.68 -0.12 0.00	65.63 0.13 0.00	82.70 -0.08 0.00	91.88 -0.46 0.01	95.93 -0.29 -0.96	104.03 0.20 -2.27	105.36 0.41 -3.42	115.55 0.57 -1.82	135.27 1.07 -1.05	153.21 1.46 -5.87	148.78 1.29 -3.83	119.04 1.26 -3.05	97.18 0.96 -0.21	81.50 0.08 0.00	65.59 0.33 0.00
NEG CENTRAL___INDECK 23768	59.20 -0.12 0.00	52.13 -0.69 0.00	48.20 -1.08 0.00	47.18 -1.71 0.00	47.75 -1.78 0.00	47.68 -1.17 0.00	47.14 -1.31 0.00	47.57 -1.88 0.00	52.06 -2.00 0.00	56.87 -2.93 0.00	62.29 -3.21 0.00	78.31 -4.47 0.00	83.74 -8.59 0.03	87.01 -8.57 -0.32	96.74 -7.72 -2.90	98.69 -7.51 -4.67	108.10 -7.81 -2.74	127.80 -7.32 -1.96	146.64 -7.14 -7.90	144.00 -5.60 -5.95	115.70 -3.44 -4.42	93.13 -3.17 -0.29	77.84 -3.58 0.00	64.81 -0.45 0.00
NEG CENTRAL___SENECA 23627	59.85 0.53 0.00	52.92 0.11 0.00	49.04 -0.25 0.00	48.26 -0.64 0.00	48.84 -0.69 0.00	48.70 -0.15 0.00	48.45 0.00 0.00	49.50 0.05 0.00	54.16 0.11 0.00	59.56 -0.24 0.00	65.50 0.00 0.00	82.45 -0.33 0.00	91.41 -0.92 0.02	94.75 -0.76 -0.25	104.00 -0.10 -2.54	105.51 0.10 -3.87	115.73 0.34 -2.23	135.73 0.93 -1.64	153.93 1.46 -6.60	149.91 1.29 -4.97	119.90 1.49 -3.69	97.30 1.06 -0.24	81.50 0.08 0.00	65.79 0.52 0.00
NEG CENTRAL___STATE_STREET 24147	59.91 0.59 0.00	53.13 0.32 0.00	49.33 0.05 0.00	48.75 -0.15 0.00	49.39 -0.15 0.00	49.05 0.20 0.00	48.78 0.34 0.00	49.95 0.49 0.00	54.70 0.65 0.00	60.27 0.48 0.00	66.09 0.59 0.00	83.36 0.58 0.00	92.91 0.55 -0.01	98.50 0.67 -2.57	104.91 1.12 -2.23	106.18 1.22 -3.42	116.33 1.36 -1.81	136.16 2.00 -1.00	154.00 2.33 -5.79	149.54 2.15 -3.73	119.55 1.84 -2.99	97.75 1.54 -0.21	81.91 0.49 0.00	65.72 0.46 0.00
NEG MILLWOOD___DRP 24198	62.46 3.14 0.00	55.72 2.90 0.00	52.05 2.76 0.00	51.53 2.64 0.00	52.11 2.58 0.00	51.93 3.08 0.00	51.69 3.25 0.00	53.16 3.71 0.00	58.22 4.16 0.00	64.72 4.90 -0.02	70.80 5.31 0.00	89.99 7.20 0.00	103.49 9.60 -1.53	122.37 10.67 -16.44	132.99 11.48 -19.95	140.98 11.88 -27.57	131.73 13.58 -4.99	147.00 15.85 2.01	204.20 16.63 -41.69	199.69 15.66 -40.38	153.44 11.82 -26.91	106.82 9.22 -1.60	87.53 6.11 0.00	69.90 4.63 0.00
NEG NORTH_FLCN_SEA 23793	58.31 -1.01 0.00	52.02 -0.79 0.00	48.64 -0.64 0.00	48.36 -0.54 0.00	49.14 -0.40 0.00	47.97 -0.88 0.00	47.62 -0.82 0.00	48.66 -0.79 0.00	53.14 -0.92 0.00	58.96 -0.84 0.00	63.99 -1.51 0.00	81.05 -1.74 0.00	89.49 -2.86 0.00	91.64 -3.62 0.00	97.20 -4.37 0.00	97.47 -4.06 0.00	108.64 -4.53 0.00	127.83 -5.33 0.00	140.63 -5.25 0.00	139.35 -4.31 0.00	111.74 -2.98 0.00	93.03 -2.98 0.00	80.28 -1.14 0.00	64.42 -0.85 0.00
NEG NORTH_KES_CHATEGAY 23792	58.25 -1.07 0.00	51.97 -0.85 0.00	48.64 -0.64 0.00	48.36 -0.54 0.00	49.09 -0.45 0.00	47.87 -0.98 0.00	47.48 -0.97 0.00	48.51 -0.94 0.00	52.87 -1.19 0.00	58.60 -1.20 0.00	63.99 -1.51 0.00	80.96 -1.82 0.00	89.49 -2.86 0.00	91.73 -3.52 0.00	97.03 -4.37 0.17	97.40 -3.96 0.18	107.88 -4.41 0.87	125.89 -5.19 2.08	140.77 -5.11 0.00	136.72 -4.02 2.91	110.71 -2.87 1.14	93.22 -2.78 0.00	80.52 -0.90 0.00	64.62 -0.65 0.00
NEG NORTH___ALICE_FALLS 23915	58.67 -0.65 0.00	52.29 -0.53 0.00	48.94 -0.34 0.00	48.65 -0.24 0.00	49.43 -0.10 0.00	48.26 -0.59 0.00	47.91 -0.53 0.00	48.96 -0.49 0.00	53.41 -0.65 0.00	59.26 -0.54 0.00	64.45 -1.05 0.00	81.63 -1.16 0.00	90.14 -2.22 0.00	92.11 -3.14 0.00	97.67 -3.86 0.04	98.04 -3.45 0.04	109.24 -3.73 0.19	128.17 -4.53 0.46	141.50 -4.38 0.00	139.85 -3.16 0.64	112.40 -2.06 0.25	93.80 -2.21 0.00	81.01 -0.41 0.00	64.94 -0.33 0.00
NEG NORTH___LWR_SARANAC 23913	58.67 -0.65 0.00	52.29 -0.53 0.00	48.94 -0.34 0.00	48.65 -0.24 0.00	49.43 -0.10 0.00	48.26 -0.59 0.00	47.91 -0.53 0.00	48.96 -0.49 0.00	53.41 -0.65 0.00	59.26 -0.54 0.00	64.45 -1.05 0.00	81.63 -1.16 0.00	90.14 -2.22 0.00	92.11 -3.14 0.00	97.67 -3.86 0.04	98.04 -3.45 0.04	109.24 -3.73 0.19	128.17 -4.53 0.46	141.50 -4.38 0.00	139.85 -3.16 0.64	112.40 -2.06 0.25	93.80 -2.21 0.00	81.01 -0.41 0.00	64.94 -0.33 0.00
NEG NORTH___PLATTSBURG 23628	58.67 -0.65 0.00	52.29 -0.53 0.00	48.94 -0.34 0.00	48.65 -0.24 0.00	49.43 -0.10 0.00	48.27 -0.58 0.00	47.91 -0.53 0.00	48.96 -0.49 0.00	53.41 -0.65 0.00	58.84 -0.96 0.00	64.45 -1.05 0.00	81.55 -1.24 0.00	90.14 -2.22 0.00	92.12 -3.14 0.00	97.67 -3.86 0.04	98.04 -3.45 0.04	109.24 -3.73 0.19	128.04 -4.66 0.46	141.50 -4.37 0.00	139.85 -3.16 0.64	112.41 -2.06 0.25	93.80 -2.20 0.00	81.01 -0.41 0.00	64.94 -0.32 0.00
NEG WEST_LEA_LOCKPORT 23791	57.12 -2.19 0.00	50.33 -2.48 0.00	46.33 -2.96 0.00	45.23 -3.67 0.00	45.72 -3.81 0.00	45.68 -3.18 0.00	44.96 -3.49 0.00	45.69 -3.76 0.00	49.84 -4.22 0.00	54.41 -5.38 0.00	59.80 -5.70 0.00	74.75 -8.03 0.00	81.99 -10.34 0.02	85.70 -10.48 -0.92	94.12 -9.65 -2.20	95.98 -9.54 -3.99	105.16 -10.30 -2.30	123.81 -11.05 -1.70	139.17 -13.57 -6.86	135.31 -13.50 -5.16	108.80 -9.75 -3.83	87.90 -8.35 -0.25	74.17 -7.25 0.00	61.03 -4.24 0.00
NEG WEST___LANCASTR 23811	57.72 -1.60 0.00	50.91 -1.90 0.00	46.92 -2.37 0.00	45.76 -3.13 0.00	46.26 -3.27 0.00	46.36 -2.49 0.00	45.83 -2.62 0.00	46.34 -3.12 0.00	50.76 -3.30 0.00	55.55 -4.25 0.00	61.11 -4.39 0.00	76.74 -6.04 0.00	85.68 -6.65 0.02	89.13 -7.05 -0.92	95.55 -8.63 -2.62	99.87 -6.40 -4.74	109.32 -6.56 -2.72	128.26 -6.92 -2.02	145.28 -8.75 -8.15	141.46 -8.33 -6.14	113.31 -5.97 -4.56	90.74 -5.57 -0.30	76.21 -5.21 0.00	62.79 -2.48 0.00
NEG_PENN_ALLEGHNY 23528	59.91 0.59 0.00	53.19 0.37 0.00	49.48 0.20 0.00	48.84 -0.05 0.00	49.48 -0.05 0.00	49.29 0.44 0.00	48.88 0.44 0.00	49.70 0.25 0.00	54.54 0.49 0.00	60.22 0.42 0.00	66.02 0.52 0.00	83.44 0.66 0.00	93.17 0.83 0.01	100.23 1.05 -3.92	108.40 1.32 -5.52	112.16 1.53 -9.10	120.59 1.92 -5.51	139.78 2.66 -3.96	164.46 2.63 -15.95	159.27 2.59 -13.03	125.71 2.07 -8.92	98.32 1.73 -0.58	82.07 0.65 0.00	66.18 0.91 0.00
NEG___GEN_MONROE 24207	59.50 0.18 0.00	52.55 -0.26 0.00	48.50 -0.79 0.00	47.43 -1.47 0.00	48.10 -1.44 0.00	47.87 -0.98 0.00	47.43 -1.02 0.00	48.51 -0.94 0.00	52.87 -1.19 0.00	57.82 -1.97 0.00	63.73 -1.77 0.00	79.80 -2.98 0.00	87.73 -4.62 0.01	91.76 -4.48 -0.98	100.57 -3.05 -2.06	98.18 -3.35 0.00	109.43 -3.73 0.00	131.20 -3.33 -1.36	146.99 -4.38 -5.49	143.48 -4.31 -4.14	114.92 -2.87 -3.07	93.62 -2.59 -0.20	78.73 -2.69 0.00	63.96 -1.31 0.00
NEPA___ENERGY 23901	58.37 -0.95 0.00	51.49 -1.32 0.00	47.46 -1.82 0.00	46.35 -2.54 0.00	46.91 -2.63 0.00	46.99 -1.86 0.00	46.46 -1.99 0.00	47.03 -2.42 0.00	51.51 -2.54 0.00	56.39 -3.41 0.00	62.03 -3.47 0.00	77.82 -4.97 0.00	86.24 -6.10 0.02	90.10 -6.10 -0.94	98.31 -5.89 -2.64	101.34 -4.98 -4.78	110.93 -4.98 -2.75	130.41 -4.79 -2.04	147.68 -6.42 -8.22	143.81 -6.03 -6.19	115.19 -4.13 -4.60	92.37 -3.94 -0.30	77.59 -3.83 0.00	63.77 -1.50 0.00

NEVERSINK___HYD 23608	61.75 2.43 0.00	55.03 2.22 0.00	51.40 2.12 0.00	50.85 1.96 0.00	51.46 1.93 0.00	51.24 2.39 0.00	51.06 2.61 0.00	52.47 3.02 0.00	57.24 3.19 0.00	63.63 3.83 0.00	69.56 4.06 0.00	88.16 5.38 0.00	99.74 7.39 0.00	120.25 8.28 -16.71	127.84 9.04 -17.24	141.06 9.24 -30.29	154.27 10.76 -30.35	174.97 12.78 -29.03	211.00 13.87 -51.25	191.91 13.21 -35.04	147.89 9.98 -23.20	105.39 7.87 -1.50	86.55 5.13 0.00	69.12 3.85 0.00
NEWKRMKL_115KV_TB1 55635	60.15 0.83 0.00	53.77 0.95 0.00	50.22 0.94 0.00	49.92 1.03 0.00	50.47 0.94 0.00	50.17 1.32 0.00	49.80 1.36 0.00	50.84 1.38 0.00	55.51 1.46 0.00	61.31 1.61 0.10	67.53 2.03 0.00	84.94 2.15 0.00	90.92 3.23 4.66	105.55 3.52 -6.77	117.26 3.96 -11.73	156.57 3.96 -51.08	139.30 4.41 -21.72	148.81 5.06 -10.59	217.93 5.40 -66.65	192.93 4.88 -44.39	132.24 3.67 -13.84	85.31 2.98 13.68	83.54 2.12 0.00	67.03 1.76 0.00
NEWTON___FALLS_HYD 23847	60.03 0.71 0.00	53.29 0.48 0.00	49.68 0.39 0.00	49.38 0.49 0.00	50.13 0.59 0.00	49.19 0.34 0.00	48.83 0.39 0.00	49.75 0.30 0.00	54.16 0.11 0.00	59.80 0.00 0.00	65.43 -0.07 0.00	82.21 -0.58 0.00	90.60 -1.75 0.00	93.42 -2.19 -0.36	97.35 -3.35 0.86	97.47 -2.74 1.33	103.53 -3.17 6.46	114.36 -3.33 15.47	143.69 -2.19 0.00	120.37 -1.58 21.71	105.39 -0.80 8.52	95.53 -0.48 0.00	82.40 0.98 0.00	66.05 0.78 0.00
NGRID_A1_DSASP 323792	56.00 -3.32 0.00	49.22 -3.59 0.00	45.44 -3.84 0.00	44.40 -4.50 0.00	45.52 -4.01 0.00	44.90 -3.96 0.00	43.94 -4.50 0.00	44.31 -5.14 0.00	49.24 -4.81 0.00	53.76 -6.04 0.00	59.01 -6.49 0.00	74.01 -8.78 0.00	80.98 -11.36 0.02	84.66 -11.53 -0.93	93.02 -10.66 -2.12	94.74 -10.86 -4.06	104.01 -11.54 -2.39	122.49 -12.38 -1.71	137.18 -15.61 -6.91	133.34 -15.52 -5.20	107.22 -11.36 -3.86	86.57 -9.69 -0.25	73.20 -8.22 0.00	60.18 -5.09 0.00
NGRID_A2_DSASP 323793	56.00 -3.32 0.00	49.22 -3.59 0.00	45.44 -3.84 0.00	44.40 -4.50 0.00	45.52 -4.01 0.00	44.90 -3.96 0.00	43.94 -4.50 0.00	44.31 -5.14 0.00	49.24 -4.81 0.00	53.76 -6.04 0.00	59.01 -6.49 0.00	74.01 -8.78 0.00	80.98 -11.36 0.02	84.66 -11.53 -0.93	93.02 -10.66 -2.12	94.74 -10.86 -4.06	104.01 -11.54 -2.39	122.49 -12.38 -1.71	137.18 -15.61 -6.91	133.34 -15.52 -5.20	107.22 -11.36 -3.86	86.57 -9.69 -0.25	73.20 -8.22 0.00	60.18 -5.09 0.00
NGRID_A4_DSASP 323807	56.00 -3.32 0.00	49.22 -3.59 0.00	45.44 -3.84 0.00	44.40 -4.50 0.00	45.52 -4.01 0.00	44.90 -3.96 0.00	43.94 -4.50 0.00	44.31 -5.14 0.00	49.24 -4.81 0.00	53.76 -6.04 0.00	59.01 -6.49 0.00	74.01 -8.78 0.00	80.98 -11.36 0.02	84.66 -10.66 -0.93	93.02 -10.66 -2.12	94.74 -10.86 -4.06	104.01 -11.54 -2.39	122.49 -12.38 -1.71	137.18 -15.61 -6.91	133.34 -15.52 -5.20	107.22 -11.36 -3.86	86.57 -9.69 -0.25	73.20 -8.22 0.00	60.18 -5.09 0.00
NIAGARA_115E_LBMP 323715	56.89 -2.43 0.00	50.01 -2.80 0.00	46.18 -3.10 0.00	45.03 -3.86 0.00	44.93 -4.61 0.00	45.58 -3.27 0.00	44.13 -4.31 0.00	44.41 -5.04 0.00	49.30 -4.76 0.00	53.76 -6.04 0.00	59.15 -6.35 0.00	74.09 -8.69 0.00	81.16 -11.18 0.02	84.84 -11.34 -0.92	93.19 -10.56 -2.19	95.04 -10.56 -4.07	104.24 -11.32 -2.39	122.76 -12.12 -1.72	137.62 -15.17 -6.92	133.78 -15.08 -5.21	107.57 -11.01 -3.87	86.95 -9.31 -0.25	73.36 -8.06 0.00	60.30 -4.96 0.00
NIAGARA_115W_LBMP 323714	55.82 -3.50 0.00	49.12 -3.70 0.00	45.34 -3.94 0.00	44.25 -4.65 0.00	45.47 -4.06 0.00	44.75 -4.10 0.00	43.84 -4.60 0.00	44.21 -5.24 0.00	49.14 -4.92 0.00	53.58 -6.22 0.00	58.89 -6.61 0.00	73.76 -9.02 0.00	80.70 -11.64 0.02	84.47 -11.72 -0.93	92.81 -10.87 -2.11	94.53 -11.06 -4.06	103.67 -11.88 -2.39	122.09 -12.78 -1.71	136.87 -15.90 -6.89	132.89 -15.95 -5.19	106.87 -11.70 -3.85	86.37 -9.89 -0.25	73.04 -8.38 0.00	59.98 -5.28 0.00
NIAGARA_230_LBMP 323716	56.65 -2.67 0.00	49.86 -2.96 0.00	46.03 -3.25 0.00	44.98 -3.91 0.00	45.52 -4.01 0.00	45.48 -3.37 0.00	44.52 -3.92 0.00	44.90 -4.55 0.00	49.89 -4.16 0.00	54.41 -5.38 0.00	59.80 -5.70 0.00	75.00 -7.78 0.00	82.27 -10.06 0.02	86.00 -10.19 -0.94	94.45 -9.14 -2.03	96.29 -9.24 -4.00	105.67 -9.85 -2.35	124.46 -10.39 -1.68	139.39 -13.27 -6.79	135.55 -13.21 -5.11	108.88 -9.64 -3.80	88.00 -8.26 -0.25	74.25 -7.17 0.00	60.96 -4.31 0.00
NIAGARA___115KV_198_GIBSON 55903	55.88 -3.44 0.00	49.28 -3.54 0.00	45.34 -3.94 0.00	44.30 -4.60 0.00	44.83 -4.71 0.00	44.75 -4.10 0.00	44.13 -4.31 0.00	45.05 -4.40 0.00	49.14 -4.92 0.00	53.58 -6.22 0.00	58.88 -6.62 0.00	73.60 -9.19 0.00	80.70 -11.64 0.02	84.37 -11.81 -0.93	92.80 -10.87 -2.11	94.63 -10.97 -4.06	103.61 -11.88 -2.33	121.84 -13.05 -1.73	136.95 -15.90 -6.97	132.96 -15.95 -5.25	106.92 -11.70 -3.90	86.37 -9.89 -0.25	73.03 -8.39 0.00	59.98 -5.29 0.00
NIAGARA____ 23760	56.65 -2.67 0.00	49.86 -2.96 0.00	46.03 -3.25 0.00	44.98 -3.91 0.00	45.52 -4.01 0.00	45.48 -3.37 0.00	44.52 -3.92 0.00	44.90 -4.55 0.00	49.89 -4.16 0.00	54.41 -5.38 0.00	59.80 -5.70 0.00	75.00 -7.78 0.00	82.27 -10.06 0.02	86.00 -10.19 -0.93	94.53 -9.14 -2.11	96.34 -9.24 -4.04	105.69 -9.85 -2.37	124.48 -10.39 -1.70	139.46 -13.27 -6.86	135.60 -13.21 -5.16	108.92 -9.64 -3.83	88.00 -8.26 -0.25	74.25 -7.17 0.00	60.96 -4.31 0.00
NINE_MILE_1 23575	57.66 -1.66 0.00	51.23 -1.58 0.00	47.76 -1.53 0.00	47.28 -1.61 0.00	47.90 -1.63 0.00	47.43 -1.42 0.00	47.04 -1.41 0.00	48.01 -1.44 0.00	52.60 -1.46 0.00	58.12 -1.67 0.00	63.73 -1.77 0.00	80.47 -2.32 0.00	89.77 -2.59 0.00	93.64 -2.57 -0.95	99.95 -2.64 -1.03	99.00 -2.53 0.00	110.22 -2.94 0.00	129.96 -3.20 0.00	142.24 -3.64 0.00	139.92 -3.74 0.00	111.74 -2.98 0.00	93.61 -2.40 0.00	79.06 -2.36 0.00	63.44 -1.83 0.00
NINE_MILE_2 23744	57.66 -1.66 0.00	51.23 -1.58 0.00	47.76 -1.53 0.00	47.28 -1.61 0.00	47.90 -1.63 0.00	47.43 -1.42 0.00	47.04 -1.41 0.00	48.01 -1.44 0.00	52.60 -1.46 0.00	58.12 -1.67 0.00	63.73 -1.77 0.00	80.47 -2.32 0.00	89.77 -2.59 0.00	93.63 -2.57 -0.94	99.95 -2.64 -1.02	99.00 -2.53 0.00	110.22 -2.94 0.00	129.96 -3.20 0.00	142.24 -3.64 0.00	139.92 -3.74 0.00	111.74 -2.98 0.00	93.61 -2.40 0.00	79.06 -2.36 0.00	63.44 -1.83 0.00
NM_CAPITAL___DRP 24208	60.33 1.01 0.00	53.87 1.06 0.00	50.37 1.08 0.00	50.02 1.12 0.00	50.62 1.09 0.00	50.27 1.42 0.00	49.90 1.45 0.00	50.98 1.53 0.00	55.68 1.62 0.00	61.91 1.79 -0.32	67.66 2.16 0.00	85.19 2.40 0.00	103.68 3.51 -7.82	134.15 3.81 -35.08	146.60 4.27 -40.77	208.07 4.26 -102.27	172.48 4.75 -54.57	177.64 5.59 -38.88	261.79 5.84 -110.07	229.74 5.32 -80.77	138.07 4.02 -19.34	80.94 3.26 18.33	83.62 2.20 0.00	67.16 1.89 0.00
NM_CENTRAL___DRP 24181	59.08 -0.24 0.00	52.45 -0.37 0.00	48.79 -0.49 0.00	48.26 -0.64 0.00	48.89 -0.64 0.00	48.51 -0.34 0.00	48.20 -0.24 0.00	49.25 -0.20 0.00	53.95 -0.11 0.00	59.56 -0.24 0.00	65.43 -0.07 0.00	82.62 -0.17 0.00	92.17 -0.18 0.00	96.50 -0.10 -1.34	103.14 0.20 -1.38	101.78 0.30 0.06	113.11 0.23 0.28	132.90 0.40 0.66	146.17 0.29 0.00	142.87 0.14 0.93	114.47 0.11 0.36	96.10 0.10 0.00	80.93 -0.49 0.00	64.94 -0.33 0.00

NM_FRONTIER___DRP 24179	55.88 -3.44 0.00	49.28 -3.54 0.00	45.34 -3.94 0.00	44.30 -4.60 0.00	44.83 -4.71 0.00	44.75 -4.10 0.00	44.13 -4.31 0.00	45.05 -4.40 0.00	49.14 -4.92 0.00	53.58 -6.22 0.00	58.88 -6.62 0.00	73.60 -9.19 0.00	80.70 -11.64 0.02	84.37 -11.81 -0.93	92.80 -10.87 -2.11	94.63 -10.97 -4.06	103.61 -11.88 -2.33	121.84 -13.05 -1.73	136.95 -15.90 -6.97	132.96 -15.95 -5.25	106.92 -11.70 -3.90	86.37 -9.89 -0.25	73.03 -8.39 0.00	59.98 -5.29 0.00
NM_ST_REGIS___HYD 24053	59.32 0.00 0.00	52.76 -0.05 0.00	49.29 0.00 0.00	48.99 0.10 0.00	49.73 0.20 0.00	48.46 -0.39 0.00	48.06 -0.39 0.00	48.96 -0.49 0.00	53.24 -0.81 0.00	59.02 -0.78 0.00	64.25 -1.24 0.00	80.72 -2.07 0.00	88.66 -3.69 0.00	90.59 -4.67 0.00	93.49 -6.50 1.58	93.66 -6.19 1.68	98.05 -6.90 8.21	105.27 -8.26 19.64	137.85 -8.02 0.00	109.04 -7.04 27.57	98.85 -5.05 10.83	91.69 -4.32 0.00	80.36 -1.06 0.00	64.55 -0.72 0.00
NORTHPORT___1 23551	63.42 4.09 -0.01	56.62 3.80 0.00	52.88 3.60 0.00	52.07 3.18 0.00	52.36 2.82 0.00	52.27 3.42 0.00	52.18 3.73 0.00	54.15 4.70 0.00	59.30 5.24 -0.01	66.17 6.34 -0.04	69.82 4.32 0.00	89.38 5.55 -1.05	102.06 8.49 -1.22	136.47 9.52 -31.69	161.92 10.36 -49.99	163.07 9.65 -51.89	196.13 11.10 -71.87	243.90 13.44 -97.30	232.01 14.30 -71.83	193.75 14.09 -36.01	149.58 11.01 -23.84	105.06 7.49 -1.56	84.43 3.01 0.00	68.07 2.80 0.00
NORTHPORT___2 23552	63.42 4.09 -0.01	56.62 3.80 0.00	52.88 3.60 0.00	52.07 3.18 0.00	52.36 2.82 0.00	52.27 3.42 0.00	52.18 3.73 0.00	54.15 4.70 0.00	59.30 5.24 -0.01	66.17 6.34 -0.04	69.82 4.32 0.00	89.38 5.55 -1.05	102.06 8.49 -1.22	136.47 9.52 -31.69	161.92 10.36 -49.99	163.07 9.65 -51.89	196.13 11.10 -71.87	243.90 13.44 -97.30	232.01 14.30 -71.83	193.75 14.09 -36.01	149.58 11.01 -23.84	105.06 7.49 -1.56	84.43 3.01 0.00	68.07 2.80 0.00
NORTHPORT___3 23553	62.83 3.50 -0.01	56.09 3.28 0.00	52.39 3.11 0.00	51.63 2.74 0.00	51.91 2.38 0.00	51.83 2.98 0.00	51.74 3.30 0.00	53.70 4.25 0.00	58.82 4.76 -0.01	65.57 5.74 -0.04	69.22 3.73 0.01	89.33 5.22 -1.33	101.74 8.22 -1.17	135.93 9.15 -31.53	160.96 9.85 -49.55	162.47 9.75 -51.19	195.20 11.21 -70.83	242.17 13.31 -95.70	230.83 14.15 -70.80	192.44 13.36 -35.42	148.63 10.21 -23.70	104.38 6.82 -1.55	84.09 2.68 0.01	67.41 2.15 0.01
NORTHPORT___4 23650	62.83 3.50 -0.01	56.09 3.28 0.00	52.39 3.11 0.00	51.63 2.74 0.00	51.91 2.38 0.00	51.83 2.98 0.00	51.74 3.30 0.00	53.70 4.25 0.00	58.82 4.76 -0.01	65.57 5.74 -0.04	69.22 3.73 0.01	89.33 5.22 -1.33	101.74 8.22 -1.17	135.93 9.15 -31.53	160.96 9.85 -49.55	162.47 9.75 -51.19	195.20 11.21 -70.83	242.17 13.31 -95.70	230.83 14.15 -70.80	192.44 13.36 -35.42	148.63 10.21 -23.70	104.38 6.82 -1.55	84.09 2.68 0.01	67.41 2.15 0.01
NORTHPORT___IC 23718	63.23 3.92 0.00	56.14 3.33 0.00	52.44 3.15 0.00	51.63 2.74 0.00	51.96 2.43 0.00	51.88 3.03 0.00	51.69 3.25 0.00	53.60 4.15 0.00	59.19 5.14 0.00	65.98 6.16 -0.03	69.62 4.13 0.00	89.46 5.63 -1.05	102.07 8.50 -1.22	136.47 9.53 -31.68	161.91 10.36 -49.99	163.07 9.65 -51.89	196.14 11.09 -71.89	243.78 13.32 -97.30	232.03 14.30 -71.86	193.76 14.08 -36.03	149.58 11.01 -23.85	105.06 7.49 -1.56	84.43 3.01 0.00	68.07 2.81 0.00
NORTH___COUNTRY_ESR 323785	58.13 -1.19 0.00	51.87 -0.95 0.00	48.55 -0.74 0.00	48.26 -0.64 0.00	48.99 -0.54 0.00	47.78 -1.07 0.00	47.38 -1.07 0.00	48.46 -0.99 0.00	52.87 -1.19 0.00	58.36 -1.44 0.00	63.99 -1.50 0.00	80.96 -1.82 0.00	89.49 -2.86 0.00	91.73 -3.52 0.00	97.13 -4.26 0.17	97.39 -3.96 0.18	107.86 -4.42 0.89	125.58 -5.47 2.12	140.63 -5.25 0.00	136.38 -4.31 2.97	110.34 -3.21 1.17	93.03 -2.98 0.00	80.36 -1.06 0.00	64.42 -0.85 0.00
NPX_GEN_1385_PROXY 323591	63.60 4.27 -0.01	56.94 4.12 0.00	53.33 4.04 0.00	52.31 3.42 0.00	52.66 3.12 0.00	52.76 3.91 0.00	52.61 4.17 0.00	54.44 4.99 0.00	59.42 5.35 -0.01	66.11 6.28 -0.04	69.88 4.39 0.00	89.38 5.55 -1.05	101.97 8.40 -1.22	136.29 9.34 -31.69	161.71 10.16 -49.99	163.67 10.25 -51.89	196.69 11.66 -71.87	245.50 15.04 -97.30	233.90 16.19 -71.83	195.89 16.23 -36.01	150.96 12.39 -23.84	106.40 8.83 -1.56	84.76 3.34 0.00	68.46 3.20 0.00
NPX_GEN_CSC 323557	63.30 3.97 -0.01	56.30 3.48 0.00	52.59 3.30 0.00	51.73 2.83 0.00	51.96 2.43 0.00	51.88 3.03 0.00	51.69 3.25 0.00	53.85 4.40 0.00	59.20 5.14 -0.01	66.23 6.40 -0.04	70.55 5.04 0.00	92.55 6.46 -3.31	103.95 10.34 -1.26	152.36 11.33 -45.77	208.77 11.98 -95.23	299.20 10.25 -187.41	364.98 12.23 -239.59	401.75 14.91 -253.68	315.03 16.05 -153.11	218.08 17.23 -57.20	152.05 13.53 -23.79	106.98 9.41 -1.56	85.65 4.23 0.00	69.05 3.78 0.00
NSINS_S_GLNS_FALLS 23858	62.88 3.56 0.00	55.98 3.17 0.00	52.24 2.96 0.00	51.73 2.84 0.00	52.36 2.82 0.00	51.98 3.13 0.00	51.64 3.20 0.00	52.76 3.31 0.00	57.57 3.51 0.00	64.00 3.95 -0.26	69.69 4.19 0.00	88.17 5.38 0.00	105.04 6.10 -6.59	134.20 6.00 -32.94	148.09 6.50 -40.02	239.63 6.90 -131.19	192.02 7.47 -71.39	193.14 9.05 -50.92	385.28 10.94 -228.47	375.05 11.21 -220.19	273.69 9.06 -149.90	125.06 7.39 -21.66	87.44 6.03 0.00	69.90 4.63 0.00
NUCOR_STEEL___DRP 24197	59.85 0.53 0.00	53.13 0.32 0.00	49.38 0.10 0.00	48.80 -0.10 0.00	49.43 -0.10 0.00	49.10 0.24 0.00	48.78 0.34 0.00	49.90 0.45 0.00	54.60 0.54 0.00	60.16 0.36 0.00	66.09 0.59 0.00	83.36 0.58 0.00	92.92 0.55 -0.01	98.49 0.67 -2.57	104.81 1.12 -2.13	106.00 1.22 -3.25	116.11 1.24 -1.70	135.94 1.86 -0.92	153.58 2.19 -5.51	149.17 2.01 -3.50	119.27 1.72 -2.83	97.65 1.44 -0.20	81.91 0.49 0.00	65.79 0.52 0.00
NUMBER_THREE_WT_PWR 323818	60.51 1.19 0.00	53.66 0.84 0.00	49.97 0.69 0.00	49.67 0.78 0.00	50.43 0.89 0.00	49.88 1.03 0.00	49.56 1.12 0.00	50.49 1.04 0.00	55.08 1.02 0.00	60.69 0.90 0.00	66.54 1.04 0.00	83.94 1.16 0.00	92.82 0.46 0.00	96.21 0.48 -0.47	101.43 -0.10 0.03	102.08 1.12 0.57	111.61 1.25 2.80	128.74 2.26 6.68	150.25 4.37 0.00	138.57 4.31 9.39	115.16 4.12 3.69	99.75 3.74 0.00	84.59 3.17 0.00	67.68 2.42 0.00
NYISO_LBMP_REFERENCE 24008	59.32 0.00 0.00	52.81 0.00 0.00	49.29 0.00 0.00	48.89 0.00 0.00	49.53 0.00 0.00	48.85 0.00 0.00	48.45 0.00 0.00	49.45 0.00 0.00	54.06 0.00 0.00	59.80 0.00 0.00	65.50 0.00 0.00	82.79 0.00 0.00	92.35 0.00 0.00	95.26 0.00 0.00	101.56 0.00 0.00	101.53 0.00 0.00	113.16 0.00 0.00	133.16 0.00 0.00	145.88 0.00 0.00	143.65 0.00 0.00	114.72 0.00 0.00	96.01 0.00 0.00	81.42 0.00 0.00	65.27 0.00 0.00
NYPA_BRENTWD____GT 24164	64.31 4.98 -0.01	57.30 4.49 0.00	53.52 4.24 0.00	52.66 3.77 0.00	52.95 3.42 0.00	52.86 4.01 0.00	52.76 4.31 0.00	54.84 5.39 0.00	60.12 6.05 -0.01	67.18 7.35 -0.04	71.43 5.90 -0.03	106.48 7.61 -16.08	104.07 10.34 -1.38	150.48 11.33 -43.89	207.68 12.28 -93.83	300.74 11.77 -187.43	367.66 13.57 -240.92	405.36 16.37 -255.82	318.47 17.50 -155.10	216.06 17.09 -55.32	151.80 13.19 -23.89	106.79 9.22 -1.56	86.50 5.05 -0.03	69.64 4.37 0.00

NYPA_GOWANUS____GT5 24156	62.23 2.91 0.00	55.98 3.17 0.00	52.55 3.25 -0.01	51.93 3.03 -0.01	52.46 2.92 -0.01	52.07 3.22 0.00	52.08 3.64 0.00	53.75 4.30 0.00	58.32 4.27 0.00	64.66 4.84 -0.02	70.47 4.98 0.01	89.48 6.70 0.01	103.50 9.51 -1.63	151.55 10.00 -46.29	210.78 10.66 -98.55	299.66 10.66 -187.46	360.84 11.99 -235.69	406.71 14.11 -259.44	258.35 15.03 -97.44	208.77 14.22 -50.89	151.25 10.90 -25.62	105.91 8.35 -1.55	87.03 5.61 0.00	69.44 4.18 0.01
NYPA_GOWANUS____GT6 24157	62.23 2.91 0.00	55.98 3.17 0.00	52.55 3.25 -0.01	51.93 3.03 -0.01	52.46 2.92 -0.01	52.07 3.22 0.00	52.08 3.64 0.00	53.75 4.30 0.00	58.32 4.27 0.00	64.66 4.84 -0.02	70.47 4.98 0.01	89.48 6.70 0.01	103.50 9.51 -1.63	151.55 10.00 -46.29	210.78 10.66 -98.55	299.66 10.66 -187.46	360.84 11.99 -235.69	406.71 14.11 -259.44	258.35 15.03 -97.44	208.77 14.22 -50.89	151.25 10.90 -25.62	105.91 8.35 -1.55	87.03 5.61 0.00	69.44 4.18 0.01
NYPA_HARLEM__RVR__GT1 24160	62.18 2.85 -0.01	55.99 3.17 -0.01	52.40 3.11 -0.01	51.83 2.93 -0.01	52.36 2.82 -0.01	51.98 3.13 0.00	51.94 3.49 0.00	53.60 4.15 0.00	58.11 4.06 0.00	64.24 4.42 -0.02	70.14 4.65 0.01	89.07 6.29 0.01	103.13 9.15 -1.63	151.36 9.81 -46.29	210.99 10.87 -98.55	299.97 10.97 -187.46	361.30 12.45 -235.69	407.14 14.52 -259.46	316.66 15.31 -155.47	212.48 14.66 -54.16	152.36 11.12 -26.51	105.84 8.26 -1.57	86.80 5.37 -0.01	69.26 3.98 -0.01
NYPA_HARLEM__RVR__GT2 24161	62.18 2.85 -0.01	55.99 3.17 -0.01	52.40 3.11 -0.01	51.83 2.93 -0.01	52.36 2.82 -0.01	51.98 3.13 0.00	51.94 3.49 0.00	53.60 4.15 0.00	58.11 4.06 0.00	64.24 4.42 -0.02	70.14 4.65 0.01	89.07 6.29 0.01	103.13 9.15 -1.63	151.36 9.81 -46.29	210.99 10.87 -98.55	299.97 10.97 -187.46	361.30 12.45 -235.69	407.14 14.52 -259.46	316.66 15.31 -155.47	212.48 14.66 -54.16	152.36 11.12 -26.51	105.84 8.26 -1.57	86.80 5.37 -0.01	69.26 3.98 -0.01
NYPA_KENT____GT 24152	62.17 2.85 0.00	55.93 3.12 0.00	52.45 3.16 -0.01	51.88 2.98 -0.01	52.41 2.87 -0.01	52.07 3.22 0.00	52.08 3.64 0.00	53.75 4.30 0.00	58.38 4.33 0.00	64.66 4.84 -0.02	70.40 4.91 0.01	89.40 6.63 0.01	103.50 9.51 -1.63	151.55 10.00 -46.29	210.88 10.76 -98.55	299.75 10.76 -187.46	361.07 12.23 -235.69	406.86 14.26 -259.44	258.49 15.17 -97.44	208.91 14.36 -50.89	151.25 10.90 -25.62	105.91 8.35 -1.55	86.88 5.46 0.00	69.37 4.11 0.01
NYPA_POUCH1____GT 24155	54.58 2.61 7.34	53.58 2.90 2.14	52.40 3.11 -0.01	51.79 2.88 -0.01	52.26 2.72 -0.01	51.88 3.03 0.00	51.84 3.39 0.00	53.36 4.06 0.15	53.14 4.00 4.92	55.55 4.54 8.79	60.35 4.65 9.80	77.83 6.29 11.24	93.60 9.15 7.90	129.21 9.52 -24.43	163.75 10.16 -52.04	177.05 10.15 -65.37	211.18 11.42 -86.59	240.43 13.44 -93.83	233.54 14.30 -73.35	207.88 13.50 -50.72	143.16 10.33 -18.11	95.29 7.87 8.59	82.02 5.22 4.61	64.32 3.85 4.80
NYPA_VERNON____GT2 24162	62.17 2.85 0.00	55.93 3.12 0.00	52.35 3.06 -0.01	51.83 2.93 -0.01	52.31 2.77 -0.01	52.02 3.17 0.00	52.08 3.64 0.00	53.75 4.30 0.00	58.43 4.38 0.00	64.66 4.84 -0.02	70.40 4.91 0.01	89.40 6.63 0.01	103.41 9.42 -1.63	151.64 10.09 -46.29	211.09 10.97 -98.55	299.97 10.97 -187.46	361.30 12.45 -235.69	407.12 14.52 -259.44	258.63 15.31 -97.44	209.20 14.66 -50.89	151.36 11.01 -25.62	105.91 8.35 -1.55	86.88 5.46 0.00	69.31 4.05 0.01
NYPA_VERNON____GT3 24163	62.17 2.85 0.00	55.93 3.12 0.00	52.35 3.06 -0.01	51.83 2.93 -0.01	52.31 2.77 -0.01	52.02 3.17 0.00	52.08 3.64 0.00	53.75 4.30 0.00	58.43 4.38 0.00	64.66 4.84 -0.02	70.40 4.91 0.01	89.40 6.63 0.01	103.41 9.42 -1.63	151.64 10.09 -46.29	211.09 10.97 -98.55	299.97 10.97 -187.46	361.30 12.45 -235.69	407.12 14.52 -259.44	258.63 15.31 -97.44	209.20 14.66 -50.89	151.36 11.01 -25.62	105.91 8.35 -1.55	86.88 5.46 0.00	69.31 4.05 0.01
NYPA____ASTORIA_CC1 323568	62.05 2.73 0.00	55.88 3.06 0.00	52.35 3.06 -0.01	51.79 2.88 -0.01	52.26 2.72 -0.01	51.98 3.13 0.00	51.98 3.53 0.00	53.70 4.25 0.00	58.27 4.22 0.00	64.48 4.67 -0.02	70.27 4.78 0.01	89.24 6.46 0.01	103.22 9.23 -1.63	151.46 9.91 -46.29	210.88 10.76 -98.55	299.75 10.76 -187.46	361.07 12.23 -235.69	406.86 14.26 -259.44	258.35 15.03 -97.44	208.91 14.36 -50.89	151.12 10.78 -25.62	105.72 8.16 -1.55	86.71 5.29 0.00	69.18 3.92 0.01
NYPA____ASTORIA_CC2 323569	62.05 2.73 0.00	55.88 3.06 0.00	52.35 3.06 -0.01	51.79 2.88 -0.01	52.26 2.72 -0.01	51.98 3.13 0.00	51.98 3.53 0.00	53.70 4.25 0.00	58.27 4.22 0.00	64.48 4.67 -0.02	70.27 4.78 0.01	89.24 6.46 0.01	103.22 9.23 -1.63	151.46 9.91 -46.29	210.88 10.76 -98.55	299.75 10.76 -187.46	361.07 12.23 -235.69	406.86 14.26 -259.44	258.35 15.03 -97.44	208.91 14.36 -50.89	151.12 10.78 -25.62	105.72 8.16 -1.55	86.71 5.29 0.00	69.18 3.92 0.01
NYPA____HOLTSVILL 23794	63.72 4.39 -0.01	56.78 3.96 0.00	53.03 3.74 0.00	52.17 3.28 0.00	52.46 2.92 0.00	52.37 3.52 0.00	52.23 3.78 0.00	54.30 4.85 0.00	59.63 5.57 -0.01	66.59 6.75 -0.04	70.74 5.24 0.00	93.19 6.54 -3.86	103.67 10.07 -1.25	166.01 10.95 -59.80	219.89 11.78 -106.56	299.81 10.87 -187.41	365.34 12.67 -239.50	402.02 15.31 -253.55	315.34 16.48 -152.98	241.69 16.37 -81.66	151.36 12.85 -23.79	106.59 9.02 -1.56	85.57 4.15 0.00	69.05 3.78 0.00
NYPA____HELLGATE_GT1 24158	62.18 2.85 -0.01	55.99 3.17 -0.01	52.40 3.11 -0.01	51.83 2.93 -0.01	52.36 2.82 -0.01	51.98 3.13 0.00	51.94 3.49 0.00	53.60 4.15 0.00	58.11 4.06 0.00	64.24 4.42 -0.02	70.14 4.65 0.01	89.07 6.29 0.01	103.13 9.15 -1.63	151.36 9.81 -46.29	210.99 10.87 -98.55	299.97 10.97 -187.46	361.30 12.45 -235.69	407.14 14.52 -259.46	316.66 15.31 -155.47	212.48 14.66 -54.16	152.36 11.12 -26.51	105.84 8.26 -1.57	86.80 5.37 -0.01	69.26 3.98 -0.01
NYPA____HELLGATE_GT2 24159	62.18 2.85 -0.01	55.99 3.17 -0.01	52.40 3.11 -0.01	51.83 2.93 -0.01	52.36 2.82 -0.01	51.98 3.13 0.00	51.94 3.49 0.00	53.60 4.15 0.00	58.11 4.06 0.00	64.24 4.42 -0.02	70.14 4.65 0.01	89.07 6.29 0.01	103.13 9.15 -1.63	151.36 9.81 -46.29	210.99 10.87 -98.55	299.97 10.97 -187.46	361.30 12.45 -235.69	407.14 14.52 -259.46	316.66 15.31 -155.47	212.48 14.66 -54.16	152.36 11.12 -26.51	105.84 8.26 -1.57	86.80 5.37 -0.01	69.26 3.98 -0.01
NYS_BARGE____HYD 23848	57.36 -1.96 0.00	50.44 -2.38 0.00	46.53 -2.76 0.00	45.37 -3.52 0.00	45.52 -4.01 0.00	45.92 -2.93 0.00	44.72 -3.73 0.00	45.05 -4.40 0.00	50.06 -4.00 0.00	54.59 -5.20 0.00	60.06 -5.44 0.00	75.25 -7.53 0.00	82.27 -10.06 0.02	86.08 -10.10 -0.93	94.52 -9.24 -2.20	96.25 -9.24 -3.96	105.53 -9.96 -2.33	124.44 -10.39 -1.67	139.47 -13.13 -6.72	135.79 -12.93 -5.06	109.19 -9.29 -3.76	88.19 -8.06 -0.24	74.50 -6.92 0.00	61.22 -4.05 0.00
OAK ORCHARD____HYD 24046	58.97 -0.35 0.00	52.02 -0.79 0.00	48.15 -1.13 0.00	47.23 -1.66 0.00	47.85 -1.68 0.00	47.58 -1.27 0.00	47.04 -1.41 0.00	47.92 -1.53 0.00	52.92 -1.14 0.00	58.12 -1.67 0.00	64.06 -1.44 0.00	80.55 -2.23 0.00	88.74 -3.60 0.01	92.71 -3.52 -0.98	101.59 -2.03 -2.06	99.10 -2.44 0.00	112.31 -2.72 -1.86	130.90 -2.26 0.00	142.37 -3.50 0.00	140.07 -3.59 0.00	112.31 -2.41 0.00	93.80 -2.20 0.00	78.98 -2.44 0.00	63.96 -1.30 0.00

OAKDALE___35_KV_LOAD 356122	59.62 0.30 0.00	52.92 0.11 0.00	49.24 -0.05 0.00	48.65 -0.24 0.00	49.29 -0.25 0.00	49.05 0.20 0.00	48.64 0.19 0.00	49.50 0.05 0.00	54.22 0.16 0.00	59.80 0.00 0.00	65.56 0.07 0.00	82.79 0.00 0.00	92.62 0.28 0.01	99.49 0.38 -3.85	107.65 0.61 -5.48	111.50 0.81 -9.15	119.56 1.13 -5.26	138.94 1.73 -4.05	163.80 1.60 -16.32	158.47 1.58 -13.23	125.22 1.38 -9.13	97.66 1.06 -0.59	81.58 0.16 0.00	65.79 0.52 0.00
OCC_CHEM___DRP 24175	56.00 -3.32 0.00	49.38 -3.43 0.00	45.49 -3.79 0.00	44.44 -4.45 0.00	44.93 -4.61 0.00	44.89 -3.96 0.00	44.28 -4.17 0.00	45.20 -4.25 0.00	49.30 -4.76 0.00	53.76 -6.04 0.00	59.01 -6.48 0.00	73.84 -8.94 0.00	80.98 -11.36 0.02	84.66 -11.53 -0.93	93.02 -10.66 -2.12	94.84 -10.76 -4.06	103.96 -11.54 -2.34	122.24 -12.65 -1.73	137.25 -15.61 -6.98	133.25 -15.66 -5.26	107.27 -11.36 -3.91	86.66 -9.60 -0.25	73.20 -8.22 0.00	60.18 -5.09 0.00
OH_GEN_PROXY 24063	56.71 -2.61 0.00	49.91 -2.90 0.00	45.00 -3.20 1.08	45.00 -3.86 0.03	40.00 -3.96 5.57	39.07 -3.32 6.46	41.13 -3.83 3.49	45.00 -4.45 0.00	50.00 -4.05 0.00	54.53 -5.26 0.00	60.00 -5.50 0.00	65.00 -7.61 10.17	70.52 -9.79 12.04	80.69 -9.91 4.66	94.75 -8.84 -2.03	96.61 -8.94 -4.01	106.13 -9.39 -2.36	125.00 -9.85 -1.69	140.00 -12.69 -6.82	136.00 -12.79 -5.13	109.35 -9.18 -3.81	88.29 -7.97 -0.25	74.42 -7.00 0.00	57.87 -4.24 3.16
OLIN_CORP_DRP 24177	56.95 -2.37 0.00	50.23 -2.59 0.00	46.23 -3.06 0.00	45.18 -3.72 0.00	45.67 -3.86 0.00	45.63 -3.22 0.00	44.72 -3.73 0.00	45.35 -4.10 0.00	49.46 -4.59 0.00	53.94 -5.86 0.00	59.34 -6.16 0.00	74.18 -8.61 0.00	81.44 -10.90 0.02	85.13 -11.05 -0.92	93.61 -10.16 -2.20	95.49 -10.15 -4.10	104.55 -10.98 -2.36	122.93 -11.98 -1.75	138.34 -14.59 -7.05	134.31 -14.65 -5.31	108.11 -10.55 -3.94	87.24 -9.02 -0.26	73.60 -7.82 0.00	60.50 -4.76 0.00
OLIN_CORP_DSASP 323712	56.00 -3.32 0.00	49.22 -3.59 0.00	45.44 -3.84 0.00	44.40 -4.50 0.00	45.52 -4.01 0.00	44.90 -3.96 0.00	43.94 -4.50 0.00	44.31 -5.14 0.00	49.24 -4.81 0.00	53.76 -6.04 0.00	59.01 -6.49 0.00	74.01 -8.78 0.00	80.98 -11.36 -0.93	84.66 -11.53 -2.12	93.02 -10.66 -4.06	94.74 -10.86 -2.39	104.01 -11.54 -2.39	122.49 -12.38 -1.71	137.18 -15.61 -6.91	133.34 -15.52 -5.20	107.22 -11.36 -3.86	86.57 -9.69 -0.25	73.20 -8.22 0.00	60.18 -5.09 0.00
ONEIDA_HERK_LFGE 323681	60.74 1.42 0.00	53.98 1.16 0.00	50.27 0.99 0.00	49.92 1.03 0.00	50.67 1.14 0.00	50.17 1.32 0.00	49.90 1.45 0.00	50.89 1.43 0.00	55.62 1.57 0.00	61.41 1.62 0.00	67.40 1.90 0.00	85.19 2.40 0.00	94.48 2.13 0.00	97.91 2.28 -0.37	103.85 2.14 -0.15	103.91 2.64 0.26	114.81 2.94 1.29	133.83 3.72 3.06	150.98 5.10 0.00	144.25 4.89 4.29	117.16 4.12 1.69	99.66 3.65 0.00	84.27 2.85 0.00	67.49 2.22 0.00
ONEIDA___115KV_TB4 55905	61.28 1.96 0.00	54.40 1.58 0.00	50.67 1.38 0.00	50.26 1.37 0.00	50.97 1.44 0.00	50.56 1.71 0.00	50.29 1.84 0.00	51.38 1.93 0.00	56.16 2.11 0.00	62.01 2.21 0.00	68.12 2.62 0.00	86.18 3.39 0.00	95.03 2.68 0.00	98.88 2.95 -0.67	105.21 3.05 -0.60	104.56 3.15 0.12	116.10 3.51 0.57	135.78 3.99 1.37	150.98 5.11 0.00	146.73 4.88 1.81	118.03 4.02 0.71	99.47 3.46 0.00	84.35 2.93 0.00	67.55 2.28 0.00
ONONDAGA_REF_OCCRA 23987	59.20 -0.12 0.00	52.60 -0.21 0.00	48.94 -0.34 0.00	48.40 -0.49 0.00	48.99 -0.54 0.00	48.66 -0.20 0.00	48.35 -0.10 0.00	49.40 -0.05 0.00	54.11 0.05 0.00	59.68 -0.12 0.00	65.50 0.00 0.00	82.70 -0.08 0.00	92.36 0.00 -0.01	97.61 0.10 -2.26	103.78 0.41 -1.81	102.00 0.51 0.05	113.50 0.57 0.23	133.55 0.93 0.55	146.75 0.88 0.00	143.57 0.72 0.81	114.98 0.57 0.32	96.49 0.48 0.00	81.26 -0.16 0.00	65.20 -0.07 0.00
ONONDAGA___COGEN 23986	59.38 0.06 0.00	52.71 -0.11 0.00	49.04 -0.25 0.00	48.50 -0.39 0.00	49.14 -0.40 0.00	48.75 -0.10 0.00	48.45 0.00 0.00	49.50 0.05 0.00	54.22 0.16 0.00	59.62 -0.18 0.00	65.37 -0.13 0.00	82.54 -0.25 0.00	92.08 -0.28 0.00	96.73 -0.10 -1.57	103.30 0.10 -1.64	101.69 0.20 0.05	113.05 0.11 0.22	133.02 0.40 0.54	146.17 0.29 0.00	143.03 0.14 0.77	114.53 0.11 0.30	96.20 0.19 0.00	80.93 -0.49 0.00	64.94 -0.33 0.00
ONTARIO___LFGE 23819	59.85 0.53 0.00	52.87 0.05 0.00	49.04 -0.25 0.00	48.21 -0.68 0.00	48.84 -0.69 0.00	48.70 -0.15 0.00	48.35 -0.10 0.00	49.25 -0.20 0.00	54.16 0.11 0.00	59.56 -0.24 0.00	65.50 0.00 0.00	82.54 -0.25 0.00	91.41 -0.92 0.02	94.74 -0.77 -0.25	104.00 -0.10 -2.54	105.51 0.10 -3.87	115.76 0.34 -2.26	135.97 1.20 -1.61	153.84 1.46 -6.50	149.84 1.29 -4.90	119.85 1.49 -3.64	97.30 1.06 -0.24	81.50 0.08 0.00	65.79 0.52 0.00
ORANGEVILLE_WT_PWR 323706	57.60 -1.72 0.00	50.70 -2.11 0.00	46.87 -2.41 0.00	45.76 -3.13 0.00	46.22 -3.32 0.00	46.26 -2.59 0.00	45.49 -2.96 0.00	45.84 -3.61 0.00	50.65 -3.40 0.00	55.43 -4.36 0.00	60.98 -4.52 0.00	76.66 -6.13 0.00	84.57 -7.76 0.02	88.37 -7.53 -0.64	97.18 -7.21 -2.83	100.03 -6.50 -4.99	109.31 -6.79 -2.94	129.01 -6.26 -2.11	146.63 -7.74 -8.49	143.01 -7.04 -6.39	114.87 -4.59 -4.75	92.00 -4.32 -0.31	77.35 -4.07 0.00	63.31 -1.96 0.00
ORANGEVILLE___ESR 323794	57.60 -1.72 0.00	50.70 -2.11 0.00	46.87 -2.41 0.00	45.76 -3.13 0.00	46.22 -3.32 0.00	46.26 -2.59 0.00	45.49 -2.96 0.00	45.84 -3.61 0.00	50.65 -3.40 0.00	55.43 -4.36 0.00	60.98 -4.52 0.00	76.66 -6.13 0.00	84.57 -7.76 0.02	88.37 -7.53 -0.64	97.18 -7.21 -2.83	100.03 -6.50 -4.99	109.31 -6.79 -2.94	129.01 -6.26 -2.11	146.63 -7.74 -8.49	143.01 -7.04 -6.39	114.87 -4.59 -4.75	92.00 -4.32 -0.31	77.35 -4.07 0.00	63.31 -1.96 0.00
OSWEGATCHIE___HYD 24044	60.03 0.71 0.00	53.29 0.47 0.00	49.68 0.39 0.00	49.38 0.49 0.00	50.13 0.60 0.00	49.20 0.34 0.00	48.83 0.39 0.00	49.75 0.30 0.00	54.16 0.11 0.00	59.80 0.00 0.00	65.43 -0.07 0.00	82.21 -0.58 0.00	90.60 -1.76 0.00	93.43 -2.19 -0.36	97.35 -3.35 0.86	97.47 -2.74 1.33	103.53 -3.17 6.46	114.38 -3.32 15.45	143.69 -2.18 0.00	120.37 -1.58 21.71	105.40 -0.80 8.52	95.63 -0.38 0.00	82.40 0.98 0.00	66.05 0.79 0.00
OSWEGO___5 23606	58.13 -1.19 0.00	51.65 -1.16 0.00	48.10 -1.18 0.00	47.62 -1.27 0.00	48.25 -1.29 0.00	47.78 -1.07 0.00	47.38 -1.07 0.00	48.36 -1.09 0.00	53.03 -1.03 0.00	58.54 -1.26 0.00	64.19 -1.31 0.00	81.04 -1.74 0.00	90.41 -1.94 0.00	94.45 -1.90 -1.10	100.91 -1.83 -1.17	99.71 -1.82 0.00	111.13 -2.03 0.00	130.90 -2.26 0.00	143.26 -2.62 0.00	141.07 -2.58 0.00	112.66 -2.06 0.00	94.38 -1.63 0.00	79.63 -1.79 0.00	63.96 -1.30 0.00
OSWEGO___6 23613	58.13 -1.19 0.00	51.65 -1.16 0.00	48.10 -1.18 0.00	47.62 -1.27 0.00	48.25 -1.29 0.00	47.78 -1.07 0.00	47.38 -1.07 0.00	48.36 -1.09 0.00	53.03 -1.03 0.00	58.54 -1.26 0.00	64.19 -1.31 0.00	81.04 -1.74 0.00	90.41 -1.94 0.00	94.45 -1.90 -1.10	100.91 -1.83 -1.17	99.71 -1.82 0.00	111.13 -2.03 0.00	130.90 -2.26 0.00	143.26 -2.62 0.00	141.07 -2.58 0.00	112.66 -2.06 0.00	94.38 -1.63 0.00	79.63 -1.79 0.00	63.96 -1.30 0.00

OUTOKUMPU-AB___DRP 24206	57.72 -1.60 0.00	50.86 -1.95 0.00	46.82 -2.46 0.00	45.67 -3.23 0.00	46.22 -3.32 0.00	46.16 -2.69 0.00	45.54 -2.91 0.00	46.38 -3.07 0.00	50.70 -3.35 0.00	55.37 -4.42 0.00	60.65 -4.85 0.00	75.91 -6.87 0.00	83.19 -9.14 0.02	87.03 -9.14 -0.92	95.37 -8.43 -2.24	97.46 -8.22 -4.15	106.84 -8.71 -2.39	125.61 -9.32 -1.77	141.34 -11.67 -7.14	137.39 -11.64 -5.37	110.45 -8.26 -3.99	88.97 -7.30 -0.26	75.15 -6.27 0.00	61.81 -3.46 0.00
OXBOW___BTM 323836	57.01 -2.31 0.00	50.07 -2.75 0.00	46.23 -3.06 0.00	45.08 -3.81 0.00	45.97 -3.57 0.00	45.63 -3.23 0.00	44.67 -3.78 0.00	45.05 -4.40 0.00	50.11 -3.94 0.00	54.65 -5.14 0.00	60.00 -5.50 0.00	75.25 -7.53 0.00	81.90 -10.44 0.02	85.60 -10.58 -0.92	93.99 -9.75 -2.18	95.80 -9.85 -4.11	105.17 -10.41 -2.42	123.84 -11.05 -1.73	138.85 -14.00 -6.98	134.98 -13.93 -5.26	108.53 -10.10 -3.90	87.53 -8.74 -0.25	74.34 -7.08 0.00	61.09 -4.18 0.00
OXBOW___ 24026	57.01 -2.31 0.00	50.28 -2.54 0.00	46.23 -3.06 0.00	45.13 -3.76 0.00	45.67 -3.86 0.00	45.63 -3.22 0.00	45.01 -3.44 0.00	45.89 -3.56 0.00	50.11 -3.95 0.00	54.65 -5.14 0.00	60.00 -5.50 0.00	75.09 -7.70 0.00	81.90 -10.44 0.02	85.61 -10.57 -0.92	93.99 -9.75 -2.18	95.90 -9.75 -4.11	105.12 -10.41 -2.36	123.59 -11.32 -1.75	138.93 -14.00 -7.06	135.04 -13.93 -5.32	108.57 -10.10 -3.95	87.53 -8.74 -0.26	74.34 -7.08 0.00	61.09 -4.18 0.00
OXY_CHEM_DSASP 323612	56.00 -3.32 0.00	49.38 -3.43 0.00	45.49 -3.79 0.00	44.44 -4.45 0.00	44.93 -4.61 0.00	44.89 -3.96 0.00	44.28 -4.17 0.00	45.20 -4.25 0.00	49.30 -4.76 0.00	53.76 -6.04 0.00	59.01 -6.48 0.00	73.84 -8.94 0.00	80.98 -11.36 0.02	84.66 -11.53 -0.93	93.02 -10.66 -2.12	94.84 -10.76 -4.06	103.96 -11.54 -2.34	122.24 -12.65 -1.73	137.25 -15.61 -6.98	133.25 -15.66 -5.26	107.27 -11.36 -3.91	86.66 -9.60 -0.25	73.20 -8.22 0.00	60.18 -5.09 0.00
OZONE_PARK_ESR 323760	62.88 3.56 0.00	56.25 3.43 0.00	52.59 3.30 0.00	52.02 3.13 0.00	52.56 3.02 0.00	52.42 3.57 0.00	52.32 3.88 0.00	53.95 4.50 0.00	59.08 5.03 0.00	65.62 5.80 -0.03	71.59 6.09 0.00	90.98 8.20 0.00	105.07 11.08 -1.63	153.50 12.00 -46.24	212.97 12.90 -98.51	301.85 13.00 -187.32	363.23 14.71 -235.36	409.39 17.18 -259.05	319.53 18.38 -155.27	215.33 17.53 -54.15	154.55 13.31 -26.52	107.84 10.27 -1.56	88.26 6.84 0.00	70.55 5.29 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	56.00 -3.32 0.00	49.38 -3.43 0.00	45.49 -3.79 0.00	44.44 -4.45 0.00	44.93 -4.61 0.00	44.89 -3.96 0.00	44.28 -4.17 0.00	45.20 -4.25 0.00	49.30 -4.76 0.00	53.76 -6.04 0.00	59.01 -6.48 0.00	73.84 -8.94 0.00	80.98 -11.36 0.02	84.66 -11.53 -0.93	93.02 -10.66 -2.12	94.84 -10.76 -4.06	103.96 -11.54 -2.34	122.24 -12.65 -1.73	137.25 -15.61 -6.98	133.25 -15.66 -5.26	107.27 -11.36 -3.91	86.66 -9.60 -0.25	73.20 -8.22 0.00	60.18 -5.09 0.00
PACKARD___115KV_DUPONT_184 80571	56.00 -3.32 0.00	49.38 -3.43 0.00	45.49 -3.79 0.00	44.44 -4.45 0.00	44.93 -4.61 0.00	44.89 -3.96 0.00	44.28 -4.17 0.00	45.20 -4.25 0.00	49.30 -4.76 0.00	53.76 -6.04 0.00	59.01 -6.48 0.00	73.84 -8.94 0.00	80.98 -11.36 0.02	84.66 -11.53 -0.93	93.02 -10.66 -2.12	94.84 -10.76 -4.06	103.96 -11.54 -2.34	122.24 -12.65 -1.73	137.25 -15.61 -6.98	133.25 -15.66 -5.26	107.27 -11.36 -3.91	86.66 -9.60 -0.25	73.20 -8.22 0.00	60.18 -5.09 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	62.41 3.08 -0.01	56.04 3.22 -0.01	52.39 3.10 0.00	51.83 2.93 0.00	52.41 2.87 0.00	52.12 3.27 0.00	51.98 3.54 0.00	53.41 3.96 0.00	58.22 4.16 0.00	64.31 4.48 -0.03	70.21 4.72 0.00	89.24 6.46 0.00	103.22 9.24 -1.63	151.47 9.91 -46.30	210.99 10.87 -98.56	300.07 11.07 -187.47	361.43 12.56 -235.71	407.28 14.65 -259.47	316.84 15.46 -155.50	212.64 14.80 -54.19	152.38 11.13 -26.53	106.03 8.45 -1.58	86.88 5.46 -0.01	69.40 4.11 -0.02
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	63.48 4.15 -0.01	57.00 4.17 -0.01	53.28 3.99 0.00	52.71 3.81 0.00	53.30 3.76 0.00	53.00 4.15 0.00	52.76 4.31 0.00	54.15 4.70 0.00	58.97 4.92 0.00	65.15 5.32 -0.03	71.13 5.63 0.00	90.32 7.53 0.00	104.42 10.44 -1.63	152.80 11.24 -46.30	212.31 12.19 -98.56	301.49 12.49 -187.47	363.02 14.15 -235.71	409.15 16.51 -259.47	319.02 17.65 -155.50	214.79 16.95 -54.19	154.21 12.96 -26.53	107.57 9.98 -1.58	88.19 6.76 -0.01	70.44 5.16 -0.02
PATROON___115KV_TB1 80586	60.39 1.07 0.00	53.92 1.11 0.00	50.42 1.13 0.00	50.07 1.17 0.00	50.67 1.14 0.00	50.32 1.47 0.00	49.95 1.50 0.00	51.03 1.58 0.00	55.73 1.68 0.00	61.75 1.85 -0.10	67.79 2.29 0.00	85.35 2.57 0.00	97.41 3.60 -1.46	119.92 3.91 -20.76	132.21 4.37 -26.28	186.77 4.37 -80.87	158.65 4.87 -40.62	165.30 5.59 -26.54	252.13 5.98 -100.27	224.68 5.46 -75.57	146.50 4.13 -27.65	86.24 3.36 13.13	83.78 2.36 0.00	67.29 2.02 0.00
PATTRSNVILLE___SOLAR 323815	61.99 2.67 0.00	55.25 2.43 0.00	51.55 2.27 0.00	51.14 2.25 0.00	51.81 2.28 0.00	51.39 2.54 0.00	50.96 2.52 0.00	51.87 2.42 0.00	56.54 2.49 0.00	62.71 2.75 -0.16	68.45 2.95 0.00	86.60 3.81 0.00	100.69 4.62 -3.72	127.20 4.86 -27.09	141.04 5.28 -34.20	231.51 5.28 -124.70	186.35 5.77 -67.42	187.56 7.05 -47.35	352.77 8.02 -198.88	332.34 8.47 -180.21	231.82 6.88 -110.21	108.55 5.76 -6.78	85.81 4.39 0.00	68.72 3.46 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	58.07 -1.25 0.00	51.18 -1.64 0.00	47.17 -2.12 0.00	46.01 -2.88 0.00	46.51 -3.02 0.00	46.55 -2.30 0.00	46.02 -2.42 0.00	46.68 -2.77 0.00	51.08 -2.97 0.00	55.91 -3.89 0.00	61.57 -3.93 0.00	77.24 -5.55 0.00	85.87 -6.46 0.02	89.41 -6.76 -0.91	96.55 -7.52 -2.50	100.32 -5.79 -4.57	109.79 -6.00 -2.63	128.85 -6.26 -1.95	145.71 -8.02 -7.86	141.81 -7.76 -5.92	113.72 -5.39 -4.39	91.11 -5.18 -0.28	76.62 -4.80 0.00	62.98 -2.28 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	62.46 3.14 0.00	55.72 2.90 0.00	52.05 2.76 0.00	51.53 2.64 0.00	52.11 2.58 0.00	51.93 3.08 0.00	51.69 3.25 0.00	53.16 3.71 0.00	58.22 4.16 0.00	64.72 4.90 -0.02	70.80 5.31 0.00	89.99 7.20 0.00	103.49 9.60 -1.53	122.37 10.67 -16.44	132.99 11.48 -19.95	140.98 11.88 -27.57	131.73 13.58 -4.99	147.00 15.85 2.01	204.20 16.63 -41.69	199.69 15.66 -40.38	153.44 11.82 -26.91	106.82 9.22 -1.60	87.53 6.11 0.00	69.90 4.63 0.00
PEEKSKILL___ 23653	61.81 2.49 0.00	55.19 2.38 0.00	51.60 2.32 0.00	51.10 2.20 0.00	51.61 2.08 0.00	51.44 2.59 0.00	51.35 2.91 0.00	52.91 3.46 0.00	57.78 3.73 0.00	64.25 4.42 -0.03	70.01 4.52 0.00	88.83 6.04 0.00	102.35 8.40 -1.60	145.71 9.34 -41.11	195.11 10.16 -83.39	269.34 10.25 -157.56	320.09 11.66 -195.27	360.61 13.59 -213.86	295.99 14.45 -135.66	208.66 13.65 -51.35	151.17 10.21 -26.25	105.43 7.87 -1.55	86.39 4.97 0.00	69.12 3.85 0.00
PGE MADISON___WINDPWR 24146	64.96 5.64 0.00	57.51 4.70 0.00	53.47 4.19 0.00	53.20 4.30 0.00	54.09 4.55 0.00	54.08 5.23 0.00	54.11 5.67 0.00	55.23 5.78 0.00	60.43 6.38 0.00	66.43 6.64 0.00	72.90 7.40 0.00	92.55 9.76 0.00	103.19 10.80 -0.04	115.17 11.33 -8.58	119.61 12.08 -5.97	128.28 12.28 -14.47	129.52 9.61 -6.74	150.51 12.51 -4.84	180.53 15.17 -19.49	174.79 14.94 -16.19	137.66 12.04 -10.90	106.99 10.28 -0.71	88.66 7.24 0.00	71.14 5.88 0.00

PIERCEFIELD___HYD 23852	59.44 0.12 0.00	52.81 0.00 0.00	49.29 0.00 0.00	49.04 0.15 0.00	49.78 0.25 0.00	48.46 -0.39 0.00	48.01 -0.44 0.00	48.91 -0.54 0.00	53.19 -0.86 0.00	58.90 -0.90 0.00	64.12 -1.38 0.00	80.30 -2.48 0.00	88.11 -4.25 0.00	90.11 -5.14 0.00	92.52 -7.21 1.83	92.57 -7.01 1.96	95.81 -7.81 9.54	101.14 -9.19 22.83	136.83 -9.04 0.00	103.41 -8.19 32.06	96.17 -5.97 12.59	91.02 -4.99 0.00	80.04 -1.38 0.00	64.35 -0.91 0.00
PINELAWN_CC_1 323563	63.83 4.51 -0.01	56.94 4.12 0.00	53.18 3.89 0.00	52.37 3.47 0.00	52.66 3.12 0.00	52.56 3.71 0.00	52.46 4.02 0.00	54.50 5.05 0.00	59.68 5.62 -0.01	66.59 6.75 -0.04	70.55 5.04 0.00	96.57 6.37 -7.41	103.67 9.51 -1.80	149.95 10.48 -44.22	207.37 11.37 -94.43	300.20 11.17 -187.49	374.23 12.90 -248.17	415.14 15.44 -266.54	327.83 16.62 -165.33	223.41 15.94 -63.81	151.09 12.15 -24.21	106.02 8.45 -1.56	85.33 3.91 0.00	68.79 3.52 0.00
PJM_GEN_HTTP_PROXY 323702	62.17 2.85 0.00	55.61 2.80 0.00	52.04 2.76 0.00	51.48 2.59 0.00	52.01 2.48 0.00	51.88 3.03 0.00	51.84 3.39 0.00	53.55 4.10 0.00	58.38 4.33 0.00	64.97 5.14 -0.03	70.74 5.24 0.00	89.82 7.03 0.00	103.77 9.78 -1.63	152.10 10.67 -46.18	211.39 11.37 -98.46	300.16 11.47 -187.16	361.12 13.01 -234.95	406.80 15.04 -258.59	316.94 16.05 -155.01	212.97 15.22 -54.09	152.81 11.58 -26.50	106.30 8.74 -1.56	87.12 5.70 0.00	69.57 4.31 0.00
PJM_GEN_KEystone 24065	59.04 0.24 0.51	52.77 0.11 0.15	49.24 -0.05 0.00	48.45 -0.44 0.00	48.99 -0.54 0.00	48.95 0.10 0.00	48.54 0.10 0.00	49.54 0.10 0.01	54.04 0.33 0.34	59.42 0.24 0.62	65.01 0.20 0.69	82.25 0.25 0.79	93.45 0.92 -0.18	115.26 1.33 -18.67	122.20 1.72 -18.91	141.78 2.14 -38.11	177.36 2.71 -61.49	203.40 3.60 -66.64	209.20 3.07 -60.25	175.93 2.87 -29.41	132.57 2.17 -15.67	97.61 1.34 -0.26	81.10 0.00 0.32	65.52 0.59 0.34
PJM_GEN_NEPTUNE_PROXY 323594	62.89 3.56 -0.01	56.20 3.38 0.00	52.49 3.20 0.00	51.78 2.88 0.00	52.11 2.57 0.00	51.98 3.13 0.00	51.89 3.44 0.00	53.85 4.40 0.00	58.87 4.81 -0.01	65.57 5.74 -0.04	70.34 4.85 0.00	90.00 6.63 -0.59	102.69 9.51 -0.83	148.87 10.48 -43.14	205.24 11.27 -92.41	299.99 11.17 -187.29	359.78 12.78 -233.83	391.96 15.17 -243.63	306.09 16.19 -144.02	205.67 15.38 -46.63	149.66 11.82 -23.12	106.02 8.45 -1.56	85.49 4.07 0.00	68.66 3.39 0.00
PJM_GEN_VFT_PROXY 323633	54.40 2.43 7.35	53.15 2.48 2.15	51.80 2.51 0.00	51.24 2.35 0.00	51.76 2.23 0.00	51.58 2.73 0.00	51.59 3.15 0.00	53.20 3.91 0.16	53.20 4.06 4.91	55.80 4.79 8.78	60.54 4.85 9.80	78.09 6.54 11.23	93.70 9.23 7.89	129.62 10.00 -24.36	164.30 10.76 -51.98	177.50 10.76 -65.21	211.62 12.23 -86.23	240.83 14.26 -93.41	234.18 15.17 -73.13	208.70 14.36 -50.68	143.60 10.78 -18.10	95.57 8.16 8.60	81.93 5.13 4.62	64.37 3.92 4.81
PLATSBURG_115KV_PMLD1 355749	58.37 -0.95 0.00	52.08 -0.74 0.00	48.74 -0.54 0.00	48.45 -0.44 0.00	49.19 -0.35 0.00	48.07 -0.78 0.00	47.67 -0.78 0.00	48.76 -0.69 0.00	53.19 -0.86 0.00	59.02 -0.78 0.00	64.19 -1.31 0.00	81.21 -1.57 0.00	89.77 -2.59 0.00	91.92 -3.33 0.00	97.50 -4.06 0.00	97.78 -3.76 0.00	108.98 -4.19 0.00	128.23 -4.93 0.00	141.06 -4.81 0.00	139.78 -3.88 0.00	111.97 -2.75 0.00	93.32 -2.69 0.00	80.52 -0.90 0.00	64.62 -0.65 0.00
PLEASANTVLY___LBMP 24000	61.40 2.08 0.00	54.82 2.01 0.00	51.26 1.97 0.00	50.75 1.86 0.00	51.37 1.83 0.00	51.15 2.30 0.00	50.92 2.47 0.00	52.27 2.82 0.00	57.19 3.14 0.00	63.54 3.71 -0.03	69.36 3.86 0.00	87.92 5.13 0.00	101.35 7.11 -1.88	119.77 7.91 -16.60	131.01 8.53 -20.92	137.81 8.53 -27.74	122.94 9.73 -0.04	136.26 11.32 8.22	198.23 11.96 -40.39	197.20 11.35 -42.20	151.44 8.60 -28.11	104.37 6.72 -1.64	85.65 4.23 0.00	68.60 3.33 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	61.81 2.49 0.00	55.19 2.38 0.00	51.55 2.27 0.00	51.09 2.20 0.00	51.66 2.13 0.00	51.44 2.59 0.00	51.30 2.86 0.00	52.71 3.26 0.00	57.73 3.68 0.00	64.13 4.31 -0.03	70.02 4.52 0.00	88.83 6.04 0.00	102.33 8.31 -1.67	106.57 9.34 -1.97	120.11 10.16 -8.39	102.88 10.25 8.91	41.11 11.77 83.82	42.14 13.58 104.61	148.76 14.44 11.56	190.80 13.50 -33.64	151.91 10.21 -26.98	105.47 7.87 -1.59	86.39 4.97 0.00	69.12 3.85 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	61.81 2.49 0.00	55.19 2.38 0.00	51.55 2.27 0.00	51.09 2.20 0.00	51.66 2.13 0.00	51.44 2.59 0.00	51.30 2.86 0.00	52.71 3.26 0.00	57.73 3.68 0.00	64.13 4.31 -0.03	70.02 4.52 0.00	88.83 6.04 0.00	102.33 8.31 -1.67	106.57 9.34 -1.97	120.11 10.16 -8.39	102.88 10.25 8.91	41.11 11.77 83.82	42.14 13.58 104.61	148.76 14.44 11.56	190.80 13.50 -33.64	151.91 10.21 -26.98	105.47 7.87 -1.59	86.39 4.97 0.00	69.12 3.85 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	62.11 2.79 0.00	55.35 2.54 0.00	51.75 2.46 0.00	51.19 2.30 0.00	51.81 2.28 0.00	51.59 2.74 0.00	51.40 2.96 0.00	52.76 3.31 0.00	57.73 3.68 0.00	64.14 4.31 -0.03	70.08 4.58 0.00	88.83 6.04 0.00	102.21 8.22 -1.64	122.11 9.24 -17.61	132.19 9.95 -20.68	142.00 10.15 -30.32	134.81 11.54 -10.11	150.23 13.45 -3.62	206.77 14.44 -46.45	199.86 13.65 -42.55	152.99 10.32 -27.94	105.82 8.16 -1.65	86.79 5.37 0.00	69.44 4.18 0.00
POLETTI_____ 23519	62.11 2.79 0.00	55.56 2.75 0.00	52.00 2.71 0.00	51.44 2.54 0.00	51.96 2.43 0.00	51.83 2.98 0.00	51.74 3.29 0.00	53.36 3.91 0.00	58.38 4.32 0.00	64.85 5.02 -0.03	70.61 5.11 0.00	89.74 6.95 0.00	103.68 9.70 -1.63	151.98 10.48 -46.24	211.35 11.27 -98.51	300.23 11.37 -187.32	361.31 12.79 -235.35	407.13 14.91 -259.05	317.05 15.90 -155.27	212.89 15.08 -54.15	152.60 11.36 -26.52	106.31 8.74 -1.56	87.04 5.62 0.00	69.58 4.31 0.00
POMONA___ESR 323819	61.75 2.43 0.00	55.14 2.32 0.00	51.55 2.27 0.00	50.99 2.10 0.00	51.52 1.98 0.00	51.39 2.54 0.00	51.25 2.81 0.00	52.81 3.36 0.00	57.68 3.62 0.00	64.13 4.31 -0.02	69.95 4.46 0.00	88.75 5.96 0.00	102.17 8.32 -1.50	140.56 9.34 -35.96	133.89 10.06 -22.27	167.62 10.05 -56.03	238.34 11.55 -113.63	271.58 13.44 -124.98	271.12 14.15 -111.09	205.21 13.50 -48.05	150.42 10.10 -25.60	105.30 7.77 -1.51	86.39 4.97 0.00	69.05 3.78 0.00
PORT_JEFF_3 23555	63.83 4.51 -0.01	56.88 4.07 0.00	53.08 3.80 0.00	52.26 3.37 0.00	52.51 2.97 0.00	52.42 3.56 0.00	52.27 3.83 0.00	54.40 4.94 0.00	59.74 5.67 -0.01	66.77 6.93 -0.04	70.87 5.37 0.00	93.04 6.29 -3.96	103.50 9.89 -1.26	170.13 10.86 -64.02	223.20 11.67 -109.96	299.70 10.76 -187.41	365.31 12.56 -239.59	402.01 15.17 -253.68	315.32 16.33 -153.10	248.87 16.09 -89.13	151.14 12.62 -23.79	106.40 8.83 -1.56	85.49 4.07 0.00	69.18 3.92 0.00
PORT_JEFF_4 23616	63.83 4.51 -0.01	56.88 4.07 0.00	53.08 3.80 0.00	52.26 3.37 0.00	52.51 2.97 0.00	52.42 3.56 0.00	52.27 3.83 0.00	54.40 4.94 0.00	59.74 5.67 -0.01	66.77 6.93 -0.04	70.87 5.37 0.00	93.04 6.29 -3.96	103.50 9.89 -1.26	170.13 10.86 -64.02	223.20 11.67 -109.96	299.70 10.76 -187.41	365.31 12.56 -239.59	402.01 15.17 -253.68	315.32 16.33 -153.10	248.87 16.09 -89.13	151.14 12.62 -23.79	106.40 8.83 -1.56	85.49 4.07 0.00	69.18 3.92 0.00

PORT_JEFF_IC 23713	63.65 4.33 0.00	56.35 3.54 0.00	52.64 3.35 0.00	51.78 2.88 0.00	52.06 2.53 0.00	51.98 3.13 0.00	51.74 3.29 0.00	53.75 4.30 0.00	59.51 5.46 0.00	66.52 6.70 -0.03	70.87 5.37 0.00	93.32 6.46 -4.08	103.69 10.07 -1.27	184.80 11.05 -78.49	235.11 11.88 -121.66	300.02 11.07 -187.41	365.91 12.90 -239.85	402.80 15.58 -254.06	315.99 16.63 -153.48	274.92 16.52 -114.75	151.28 12.73 -23.83	106.50 8.93 -1.56	85.82 4.40 0.00	69.38 4.11 0.00
PPL PILGRIM_ST_GT1 24216	64.31 4.98 -0.01	57.30 4.49 0.00	53.52 4.24 0.00	52.66 3.77 0.00	52.95 3.42 0.00	52.86 4.01 0.00	52.76 4.31 0.00	54.84 5.39 0.00	60.12 6.05 -0.01	67.18 7.35 -0.04	71.43 5.90 -0.03	106.48 7.61 -16.08	104.07 10.34 -1.38	150.48 11.33 -43.89	207.68 12.28 -93.83	300.74 11.77 -187.43	367.66 13.57 -240.92	405.36 16.37 -255.82	318.47 17.50 -155.10	216.06 17.09 -55.32	151.80 13.19 -23.89	106.79 9.22 -1.56	86.50 5.05 -0.03	69.64 4.37 0.00
PPL PILGRIM_ST_GT2 24217	64.31 4.98 -0.01	57.30 4.49 0.00	53.52 4.24 0.00	52.66 3.77 0.00	52.95 3.42 0.00	52.86 4.01 0.00	52.76 4.31 0.00	54.84 5.39 0.00	60.12 6.05 -0.01	67.18 7.35 -0.04	71.43 5.90 -0.03	106.48 7.61 -16.08	104.07 10.34 -1.38	150.48 11.33 -43.89	207.68 12.28 -93.83	300.74 11.77 -187.43	367.66 13.57 -240.92	405.36 16.37 -255.82	318.47 17.50 -155.10	216.06 17.09 -55.32	151.80 13.19 -23.89	106.79 9.22 -1.56	86.50 5.05 -0.03	69.64 4.37 0.00
PPL_SHRM_GT3 24213	63.36 4.04 -0.01	56.41 3.59 0.00	52.64 3.35 0.00	51.78 2.88 0.00	52.01 2.48 0.00	51.93 3.08 0.00	51.74 3.30 0.00	53.90 4.45 0.00	59.25 5.19 -0.01	66.29 6.46 -0.04	70.61 5.11 0.00	93.46 6.54 -4.13	104.05 10.43 -1.27	173.52 11.43 -66.84	225.89 12.08 -112.25	298.70 9.75 -187.41	364.53 11.66 -239.71	401.41 14.39 -253.86	314.61 15.46 -153.28	255.37 17.52 -94.20	152.29 13.76 -23.80	107.17 9.60 -1.56	85.65 4.23 0.00	69.12 3.85 0.00
PPL_SHRM_GT4 24214	63.36 4.04 -0.01	56.41 3.59 0.00	52.64 3.35 0.00	51.78 2.88 0.00	52.01 2.48 0.00	51.93 3.08 0.00	51.74 3.30 0.00	53.90 4.45 0.00	59.25 5.19 -0.01	66.29 6.46 -0.04	70.61 5.11 0.00	93.46 6.54 -4.13	104.05 10.43 -1.27	173.52 11.43 -66.84	225.89 12.08 -112.25	298.70 9.75 -187.41	364.53 11.66 -239.71	401.41 14.39 -253.86	314.61 15.46 -153.28	255.37 17.52 -94.20	152.29 13.76 -23.80	107.17 9.60 -1.56	85.65 4.23 0.00	69.12 3.85 0.00
PROJECT___ORANGE 1 24174	59.08 -0.24 0.00	52.45 -0.37 0.00	48.79 -0.49 0.00	48.26 -0.64 0.00	48.89 -0.64 0.00	48.51 -0.34 0.00	48.20 -0.24 0.00	49.30 -0.15 0.00	54.00 -0.05 0.00	59.62 -0.18 0.00	65.50 0.00 0.00	82.70 -0.08 0.00	92.26 -0.09 0.00	96.62 0.00 -1.36	103.27 0.30 -1.40	101.89 0.41 0.06	113.23 0.34 0.27	133.05 0.53 0.64	146.31 0.44 0.00	143.04 0.29 0.90	114.60 0.23 0.35	96.20 0.19 0.00	80.93 -0.49 0.00	65.01 -0.26 0.00
PROJECT___ORANGE 2 24166	59.08 -0.24 0.00	52.45 -0.37 0.00	48.79 -0.49 0.00	48.26 -0.64 0.00	48.89 -0.64 0.00	48.51 -0.34 0.00	48.20 -0.24 0.00	49.30 -0.15 0.00	54.00 -0.05 0.00	59.62 -0.18 0.00	65.50 0.00 0.00	82.70 -0.08 0.00	92.26 -0.09 0.00	96.62 0.00 -1.36	103.27 0.30 -1.40	101.89 0.41 0.06	113.23 0.34 0.27	133.05 0.53 0.64	146.31 0.44 0.00	143.04 0.29 0.90	114.60 0.23 0.35	96.20 0.19 0.00	80.93 -0.49 0.00	65.01 -0.26 0.00
PUCKETT___SOLAR 323809	59.85 0.53 0.00	53.08 0.27 0.00	49.43 0.15 0.00	48.80 -0.10 0.00	49.43 -0.10 0.00	49.24 0.39 0.00	48.83 0.39 0.00	49.55 0.10 0.00	54.27 0.22 0.00	59.80 0.00 0.00	65.50 0.00 0.00	82.70 -0.08 0.00	92.44 0.09 0.01	99.59 0.38 -3.95	107.71 0.61 -5.53	111.56 0.91 -9.12	122.62 3.16 -6.30	142.08 4.39 -4.53	169.09 4.96 -18.25	163.71 5.03 -15.03	128.94 4.01 -10.21	100.03 3.36 -0.66	83.37 1.95 0.00	67.09 1.82 0.00
PYRITES___HYD 24023	60.57 1.25 0.00	53.82 1.00 0.00	50.17 0.89 0.00	49.97 1.08 0.00	50.72 1.19 0.00	49.39 0.54 0.00	48.93 0.48 0.00	49.65 0.20 0.00	53.89 -0.16 0.00	59.50 -0.30 0.00	64.78 -0.72 0.00	81.38 -1.41 0.00	89.31 -3.05 0.00	91.35 -3.91 0.00	93.73 -5.89 1.95	93.77 -5.69 2.08	96.81 -6.22 10.13	101.74 -7.19 24.23	139.75 -6.13 0.00	104.74 -4.88 34.03	98.03 -3.33 13.36	93.32 -2.69 0.00	81.83 0.41 0.00	65.66 0.39 0.00
QUAKERRD_115KV_BK1 80622	57.90 -1.42 0.00	51.18 -1.64 0.00	47.36 -1.92 0.00	46.55 -2.35 0.00	47.16 -2.38 0.00	46.90 -1.95 0.00	46.56 -1.89 0.00	47.77 -1.68 0.00	52.16 -1.89 0.00	57.40 -2.39 0.00	63.27 -2.23 0.00	79.56 -3.23 0.00	87.91 -4.43 0.01	91.89 -4.38 -1.01	100.42 -3.15 -2.01	98.08 -3.45 0.00	109.20 -3.96 0.00	129.17 -3.99 0.00	140.77 -5.11 0.00	138.48 -5.17 0.00	110.94 -3.79 0.00	92.74 -3.26 0.00	78.00 -3.42 0.00	62.98 -2.28 0.00
QUENSBRY_115KV_TB8 356137	62.94 3.62 0.00	56.04 3.22 0.00	52.24 2.96 0.00	51.78 2.88 0.00	52.41 2.87 0.00	52.03 3.18 0.00	51.64 3.20 0.00	52.81 3.36 0.00	57.62 3.57 0.00	64.12 4.07 -0.25	69.76 4.26 0.00	88.25 5.46 0.00	104.98 6.19 -6.44	133.96 6.10 -32.61	147.87 6.60 -39.70	239.43 6.90 -130.99	191.99 7.58 -71.25	192.99 9.05 -50.78	384.20 11.09 -227.23	373.43 11.35 -218.42	272.09 9.29 -148.08	124.43 7.49 -20.93	87.61 6.19 0.00	69.97 4.70 0.00
RAMAPO___LBMP 323565	61.51 2.19 0.00	54.87 2.06 0.00	51.31 2.02 0.00	50.75 1.86 0.00	51.32 1.78 0.00	51.20 2.34 0.00	50.96 2.52 0.00	52.42 2.97 0.00	57.41 3.35 0.00	63.74 3.95 0.00	69.62 4.13 0.00	88.33 5.55 0.00	101.59 7.76 -1.47	138.21 8.57 -34.37	139.96 9.34 -29.06	175.78 9.34 -64.91	236.45 10.75 -112.54	268.59 12.38 -123.04	265.49 13.13 -106.49	203.18 12.50 -47.03	149.53 9.41 -25.40	104.71 7.20 -1.50	85.98 4.56 0.00	68.73 3.46 0.00
RANKINE____ 23646	58.07 -1.25 0.00	51.18 -1.64 0.00	47.12 -2.17 0.00	46.01 -2.88 0.00	46.51 -3.02 0.00	46.51 -2.34 0.00	45.93 -2.52 0.00	46.73 -2.72 0.00	51.08 -2.97 0.00	55.85 -3.95 0.00	61.44 -4.06 0.00	76.99 -5.79 0.00	85.04 -7.30 0.02	88.81 -7.33 -0.89	97.08 -6.91 -2.42	99.80 -6.19 -4.45	109.27 -6.45 -2.56	128.40 -6.66 -1.90	144.93 -8.61 -7.66	141.09 -8.33 -5.77	113.27 -5.74 -4.28	90.91 -5.38 -0.28	76.53 -4.89 0.00	62.85 -2.41 0.00
RAVENSWOOD_GT2_1 24244	62.23 2.91 0.00	55.67 2.85 0.00	52.05 2.76 0.00	51.53 2.64 0.00	52.06 2.53 0.00	51.93 3.08 0.00	51.79 3.34 0.00	53.41 3.96 0.00	58.43 4.38 0.00	64.91 5.08 -0.03	70.74 5.24 0.00	89.82 7.04 0.00	103.68 9.70 -1.63	152.13 10.57 -46.30	211.50 11.37 -98.56	300.48 11.47 -187.47	361.89 13.01 -235.71	407.67 15.05 -259.46	317.41 16.05 -155.49	213.06 15.23 -54.18	152.83 11.59 -26.52	106.40 8.83 -1.56	87.12 5.70 0.00	69.64 4.37 0.00
RAVENSWOOD_GT2_2 24245	62.23 2.91 0.00	55.67 2.85 0.00	52.05 2.76 0.00	51.53 2.64 0.00	52.06 2.53 0.00	51.93 3.08 0.00	51.79 3.34 0.00	53.41 3.96 0.00	58.43 4.38 0.00	64.91 5.08 -0.03	70.74 5.24 0.00	89.82 7.04 0.00	103.68 9.70 -1.63	152.13 10.57 -46.30	211.50 11.37 -98.56	300.48 11.47 -187.47	361.89 13.01 -235.71	407.67 15.05 -259.46	317.41 16.05 -155.49	213.06 15.23 -54.18	152.83 11.59 -26.52	106.40 8.83 -1.56	87.12 5.70 0.00	69.64 4.37 0.00

RAVENSWOOD_GT2_3 24246	62.29 2.97 0.00	55.67 2.85 0.00	52.09 2.81 0.00	51.53 2.64 0.00	52.06 2.53 0.00	51.93 3.08 0.00	51.84 3.39 0.00	53.41 3.96 0.00	58.49 4.43 0.00	64.91 5.08 -0.03	70.74 5.24 0.00	89.90 7.12 0.00	103.77 9.79 -1.63	152.23 10.67 -46.30	211.60 11.48 -98.56	300.58 11.57 -187.47	362.00 13.13 -235.71	407.80 15.18 -259.46	317.56 16.19 -155.49	213.20 15.37 -54.18	152.83 11.59 -26.52	106.50 8.93 -1.56	87.20 5.78 0.00	69.71 4.44 0.00
RAVENSWOOD_GT2_4 24247	62.29 2.97 0.00	55.67 2.85 0.00	52.09 2.81 0.00	51.53 2.64 0.00	52.06 2.53 0.00	51.93 3.08 0.00	51.84 3.39 0.00	53.41 3.96 0.00	58.49 4.43 0.00	64.91 5.08 -0.03	70.74 5.24 0.00	89.90 7.12 0.00	103.77 9.79 -1.63	152.23 10.67 -46.30	211.60 11.48 -98.56	300.58 11.57 -187.47	362.00 13.13 -235.71	407.80 15.18 -259.46	317.56 16.19 -155.49	213.20 15.37 -54.18	152.83 11.59 -26.52	106.50 8.93 -1.56	87.20 5.78 0.00	69.71 4.44 0.00
RAVENSWOOD_GT3_1 24248	62.23 2.91 0.00	55.67 2.85 0.00	52.05 2.76 0.00	51.53 2.64 0.00	52.06 2.53 0.00	51.93 3.08 0.00	51.79 3.34 0.00	53.41 3.96 0.00	58.43 4.38 0.00	64.91 5.08 -0.03	70.74 5.24 0.00	89.82 7.04 0.00	103.68 9.70 -1.63	152.13 10.57 -46.30	211.60 11.48 -98.56	300.48 11.47 -187.47	361.89 13.01 -235.71	407.67 15.05 -259.46	317.56 16.19 -155.49	213.20 15.37 -54.18	152.83 11.59 -26.52	106.40 8.83 -1.56	87.12 5.70 0.00	69.64 4.37 0.00
RAVENSWOOD_GT3_2 24249	62.23 2.91 0.00	55.67 2.85 0.00	52.05 2.76 0.00	51.53 2.64 0.00	52.06 2.53 0.00	51.93 3.08 0.00	51.79 3.34 0.00	53.41 3.96 0.00	58.43 4.38 0.00	64.91 5.08 -0.03	70.74 5.24 0.00	89.82 7.04 0.00	103.68 9.70 -1.63	152.13 10.57 -46.30	211.60 11.48 -98.56	300.48 11.47 -187.47	361.89 13.01 -235.71	407.67 15.05 -259.46	317.56 16.19 -155.49	213.20 15.37 -54.18	152.83 11.59 -26.52	106.40 8.83 -1.56	87.12 5.70 0.00	69.64 4.37 0.00
RAVENSWOOD_GT3_3 24250	62.35 3.03 0.00	55.77 2.96 0.00	52.14 2.86 0.00	51.58 2.69 0.00	52.11 2.58 0.00	51.98 3.13 0.00	51.89 3.44 0.00	53.51 4.05 0.00	58.54 4.49 0.00	65.03 5.20 -0.03	70.87 5.37 0.00	89.99 7.20 0.00	103.96 9.97 -1.63	152.42 10.86 -46.30	211.80 11.68 -98.56	300.68 11.68 -187.47	362.11 13.24 -235.71	408.07 15.45 -259.46	317.85 16.48 -155.49	213.49 15.66 -54.18	153.06 11.82 -26.52	106.59 9.02 -1.56	87.28 5.86 0.00	69.77 4.50 0.00
RAVENSWOOD_GT3_4 24251	62.35 3.03 0.00	55.77 2.96 0.00	52.14 2.86 0.00	51.58 2.69 0.00	52.11 2.58 0.00	51.98 3.13 0.00	51.89 3.44 0.00	53.51 4.05 0.00	58.54 4.49 0.00	65.03 5.20 -0.03	70.87 5.37 0.00	89.99 7.20 0.00	103.96 9.97 -1.63	152.42 10.86 -46.30	211.80 11.68 -98.56	300.68 11.68 -187.47	362.11 13.24 -235.71	408.07 15.45 -259.46	317.85 16.48 -155.49	213.49 15.66 -54.18	153.06 11.82 -26.52	106.59 9.02 -1.56	87.28 5.86 0.00	69.77 4.50 0.00
RAVENSWOOD_GT_1 23729	62.29 2.97 0.00	55.88 3.06 0.00	52.29 3.01 0.00	51.78 2.88 0.00	52.31 2.77 0.00	52.12 3.27 0.00	52.08 3.63 0.00	53.51 4.05 0.00	58.43 4.38 0.00	64.61 4.78 -0.03	70.41 4.91 0.00	89.41 6.62 0.00	103.40 9.42 -1.63	151.66 10.10 -46.30	211.09 10.97 -98.56	299.97 10.97 -187.47	361.32 12.45 -235.71	407.13 14.51 -259.46	258.66 15.32 -97.47	209.22 14.65 -50.91	151.37 11.01 -25.63	106.02 8.45 -1.56	86.87 5.46 0.00	69.31 4.05 0.00
RAVENSWOOD_GT_10 24258	62.23 2.91 0.00	55.67 2.85 0.00	52.05 2.76 0.00	51.53 2.64 0.00	52.06 2.53 0.00	51.93 3.08 0.00	51.79 3.34 0.00	53.41 3.96 0.00	58.43 4.38 0.00	64.91 5.08 -0.03	70.74 5.24 0.00	89.82 7.04 0.00	103.77 9.79 -1.63	152.23 10.67 -46.30	211.60 11.48 -98.56	300.48 11.47 -187.47	361.89 13.01 -235.71	407.80 15.18 -259.46	317.56 16.19 -155.49	213.20 15.37 -54.18	152.83 11.59 -26.52	106.40 8.83 -1.56	87.12 5.70 0.00	69.64 4.37 0.00
RAVENSWOOD_GT_11 24259	62.23 2.91 0.00	55.67 2.85 0.00	52.05 2.76 0.00	51.53 2.64 0.00	52.06 2.53 0.00	51.93 3.08 0.00	51.79 3.34 0.00	53.41 3.96 0.00	58.43 4.38 0.00	64.91 5.08 -0.03	70.74 5.24 0.00	89.82 7.04 0.00	103.77 9.79 -1.63	152.23 10.67 -46.30	211.60 11.48 -98.56	300.48 11.47 -187.47	361.89 13.01 -235.71	407.80 15.18 -259.46	317.56 16.19 -155.49	213.20 15.37 -54.18	152.83 11.59 -26.52	106.40 8.83 -1.56	87.12 5.70 0.00	69.64 4.37 0.00
RAVENSWOOD_GT_4 24252	62.23 2.91 0.00	55.67 2.85 0.00	52.05 2.76 0.00	51.53 2.64 0.00	52.06 2.53 0.00	51.93 3.08 0.00	51.84 3.39 0.00	53.41 3.96 0.00	58.43 4.38 0.00	64.91 5.08 -0.03	70.74 5.24 0.00	89.82 7.04 0.00	103.77 9.79 -1.63	152.23 10.67 -46.30	211.60 11.48 -98.56	300.48 11.47 -187.47	361.89 13.01 -235.71	407.80 15.18 -259.46	317.56 16.19 -155.49	213.20 15.37 -54.18	152.83 11.59 -26.52	106.40 8.83 -1.56	87.12 5.70 0.00	69.64 4.37 0.00
RAVENSWOOD_GT_5 24254	62.23 2.91 0.00	55.67 2.85 0.00	52.05 2.76 0.00	51.53 2.64 0.00	52.06 2.53 0.00	51.93 3.08 0.00	51.84 3.39 0.00	53.41 3.96 0.00	58.43 4.38 0.00	64.91 5.08 -0.03	70.74 5.24 0.00	89.82 7.04 0.00	103.77 9.79 -1.63	152.23 10.67 -46.30	211.60 11.48 -98.56	300.48 11.47 -187.47	361.89 13.01 -235.71	407.80 15.18 -259.46	317.56 16.19 -155.49	213.20 15.37 -54.18	152.83 11.59 -26.52	106.40 8.83 -1.56	87.12 5.70 0.00	69.64 4.37 0.00
RAVENSWOOD_GT_6 24253	62.23 2.91 0.00	55.67 2.85 0.00	52.05 2.76 0.00	51.53 2.64 0.00	52.06 2.53 0.00	51.93 3.08 0.00	51.84 3.39 0.00	53.41 3.96 0.00	58.43 4.38 0.00	64.91 5.08 -0.03	70.74 5.24 0.00	89.82 7.04 0.00	103.77 9.79 -1.63	152.23 10.67 -46.30	211.60 11.48 -98.56	300.48 11.47 -187.47	361.89 13.01 -235.71	407.80 15.18 -259.46	317.56 16.19 -155.49	213.20 15.37 -54.18	152.83 11.59 -26.52	106.40 8.83 -1.56	87.12 5.70 0.00	69.64 4.37 0.00
RAVENSWOOD_GT_7 24255	62.23 2.91 0.00	55.67 2.85 0.00	52.05 2.76 0.00	51.53 2.64 0.00	52.06 2.53 0.00	51.93 3.08 0.00	51.84 3.39 0.00	53.41 3.96 0.00	58.43 4.38 0.00	64.91 5.08 -0.03	70.74 5.24 0.00	89.82 7.04 0.00	103.77 9.79 -1.63	152.23 10.67 -46.30	211.60 11.48 -98.56	300.48 11.47 -187.47	361.89 13.01 -235.71	407.80 15.18 -259.46	317.56 16.19 -155.49	213.20 15.37 -54.18	152.83 11.59 -26.52	106.40 8.83 -1.56	87.12 5.70 0.00	69.64 4.37 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	62.23 2.91 0.00	55.67 2.85 0.00	52.05 2.76 0.00	51.53 2.64 0.00	52.06 2.53 0.00	51.93 3.08 0.00	51.79 3.34 0.00	53.41 3.96 0.00	58.43 4.38 0.00	64.91 5.08 -0.03	70.74 5.24 0.00	89.82 7.04 0.00	103.77 9.79 -1.63	152.23 10.67 -46.30	211.60 11.48 -98.56	300.48 11.47 -187.47	361.89 13.01 -235.71	407.80 15.18 -259.46	317.56 16.19 -155.49	213.20 15.37 -54.18	152.83 11.59 -26.52	106.40 8.83 -1.56	87.12 5.70 0.00	69.64 4.37 0.00
RAVENSWOOD_GT_9 24257	62.23 2.91 0.00	55.67 2.85 0.00	52.05 2.76 0.00	51.53 2.64 0.00	52.06 2.53 0.00	51.93 3.08 0.00	51.79 3.34 0.00	53.41 3.96 0.00	58.43 4.38 0.00	64.91 5.08 -0.03	70.74 5.24 0.00	89.82 7.04 0.00	103.77 9.79 -1.63	152.23 10.67 -46.30	211.60 11.48 -98.56	300.48 11.47 -187.47	361.89 13.01 -235.71	407.80 15.18 -259.46	317.56 16.19 -155.49	213.20 15.37 -54.18	152.83 11.59 -26.52	106.40 8.83 -1.56	87.12 5.70 0.00	69.64 4.37 0.00

RAVENSWOOD___1 23533	62.11 2.79 0.00	55.88 3.06 0.00	52.35 3.06 -0.01	51.79 2.88 -0.01	52.31 2.77 -0.01	52.02 3.17 0.00	52.03 3.58 0.00	53.70 4.25 0.00	58.38 4.33 0.00	64.54 4.72 -0.02	70.34 4.85 0.01	89.32 6.54 0.01	103.31 9.32 -1.63	151.55 10.00 -46.29	210.88 10.76 -98.55	299.87 10.87 -187.46	361.07 12.23 -235.69	406.86 14.26 -259.44	258.49 15.17 -97.44	209.05 14.50 -50.89	151.25 10.90 -25.62	105.82 8.26 -1.55	86.71 5.29 0.00	69.24 3.98 0.01
RAVENSWOOD___2 23534	61.70 2.38 0.00	55.77 2.96 0.00	52.25 2.96 -0.01	51.74 2.83 -0.01	52.21 2.67 -0.01	51.88 3.03 0.00	51.94 3.49 0.00	53.60 4.15 0.00	58.27 4.22 0.00	64.18 4.36 -0.02	69.75 4.25 0.01	88.57 5.79 0.01	102.57 8.59 -1.63	150.70 9.15 -46.29	209.87 9.75 -98.55	298.84 9.85 -187.46	359.95 11.10 -235.69	405.66 13.06 -259.44	257.03 13.71 -97.44	207.75 13.21 -50.89	150.21 9.87 -25.62	105.14 7.58 -1.55	86.22 4.80 0.00	68.72 3.46 0.01
RAVENSWOOD___3 23535	62.23 2.91 0.00	55.72 2.90 0.00	52.09 2.81 0.00	51.58 2.69 0.00	52.11 2.57 0.00	51.93 3.08 0.00	51.89 3.44 0.00	53.60 4.15 0.00	58.43 4.38 0.00	64.97 5.14 -0.03	70.74 5.24 0.00	89.82 7.03 0.00	103.77 9.78 -1.63	152.23 10.67 -46.30	211.60 11.47 -98.56	300.48 11.47 -187.47	361.87 13.01 -235.69	407.79 15.17 -259.45	317.53 16.19 -155.46	213.19 15.38 -54.16	152.81 11.58 -26.51	106.40 8.83 -1.56	87.12 5.70 0.00	69.64 4.37 0.00
RAVENSWOOD___4 23820	61.99 2.67 0.00	55.88 3.06 0.00	52.35 3.06 -0.01	51.79 2.88 -0.01	52.31 2.77 -0.01	51.98 3.13 0.00	52.03 3.58 0.00	53.70 4.25 0.00	58.32 4.27 0.00	64.48 4.67 -0.02	70.21 4.72 0.01	89.15 6.37 0.01	103.22 9.23 -1.63	151.46 9.91 -46.29	210.78 10.66 -98.55	299.66 10.66 -187.46	360.96 12.11 -235.69	406.71 14.11 -259.44	258.35 15.03 -97.44	208.77 14.22 -50.89	151.12 10.78 -25.62	105.72 8.16 -1.55	86.64 5.22 0.00	69.11 3.85 0.01
RCPL_TRUST___DRP 24196	62.29 2.97 0.00	55.67 2.85 0.00	52.09 2.81 0.00	51.53 2.64 0.00	52.06 2.53 0.00	51.93 3.08 0.00	51.84 3.39 0.00	53.51 4.05 0.00	58.54 4.49 0.00	65.09 5.26 -0.03	70.93 5.44 0.00	90.07 7.29 0.00	104.05 10.07 -1.63	152.39 10.95 -46.18	211.70 11.68 -98.46	300.47 11.78 -187.16	361.37 13.24 -234.96	407.21 15.45 -258.60	317.40 16.48 -155.04	213.43 15.66 -54.12	153.06 11.82 -26.52	106.59 9.02 -1.56	87.28 5.86 0.00	69.77 4.50 0.00
RED___ROCHESTER 323720	59.56 0.24 0.00	52.50 -0.31 0.00	48.55 -0.74 0.00	47.62 -1.27 0.00	48.20 -1.34 0.00	47.97 -0.88 0.00	47.43 -1.02 0.00	48.36 -1.09 0.00	53.41 -0.65 0.00	58.72 -1.07 0.00	64.78 -0.72 0.00	81.46 -1.33 0.00	89.66 -2.68 0.01	93.66 -2.57 -0.97	102.71 -0.92 -2.07	100.21 -1.32 0.00	111.58 -1.58 0.00	132.37 -0.79 0.00	143.83 -2.04 0.00	141.50 -2.15 0.00	113.35 -1.37 0.00	94.76 -1.25 0.00	79.71 -1.71 0.00	64.55 -0.72 0.00
REGAN___SOLAR 323812	64.77 5.45 0.00	57.67 4.86 0.00	53.77 4.48 0.00	53.24 4.35 0.00	53.99 4.46 0.00	53.64 4.79 0.00	53.20 4.75 0.00	54.10 4.65 0.00	58.81 4.76 0.00	65.14 5.20 -0.15	71.33 5.83 0.00	90.24 7.45 0.00	104.24 8.40 -3.48	131.27 8.47 -27.54	145.11 9.24 -34.31	228.21 9.34 -117.34	186.88 9.96 -63.75	190.37 12.24 -44.96	346.98 14.01 -187.09	327.79 14.94 -169.19	230.55 12.28 -103.55	112.76 10.37 -6.37	89.97 8.55 0.00	71.86 6.59 0.00
RENSSELAER___COGEN 23796	59.91 0.59 0.00	53.50 0.68 0.00	49.97 0.69 0.00	49.67 0.78 0.00	50.28 0.74 0.00	49.92 1.07 0.00	49.61 1.16 0.00	50.69 1.24 0.00	55.24 1.19 0.00	60.19 1.31 0.92	67.07 1.57 0.00	84.35 1.57 0.00	65.77 2.68 29.26	48.97 3.05 49.33	58.87 3.46 46.15	46.38 3.45 58.61	68.52 3.85 48.49	88.22 4.39 49.33	96.29 4.67 54.26	78.76 4.17 69.07	81.65 3.10 36.17	81.77 2.49 16.73	83.05 1.63 0.00	66.70 1.43 0.00
REPUBLIC_115KV_BARTNBRK 55605	66.32 7.00 0.00	58.99 6.18 0.00	54.95 5.67 0.00	54.32 5.43 0.00	54.98 5.45 0.00	54.62 5.76 0.00	54.16 5.72 0.00	55.38 5.93 0.00	60.33 6.27 0.00	67.05 7.00 -0.26	73.29 7.79 0.00	92.80 10.02 0.00	109.84 10.90 -6.59	138.78 10.57 -32.95	152.87 11.27 -40.04	244.51 11.78 -131.19	197.34 12.79 -71.39	199.67 15.58 -50.93	392.62 18.23 -228.51	383.02 19.11 -220.26	280.41 15.72 -149.97	130.47 12.77 -21.69	92.57 11.15 0.00	73.75 8.48 0.00
REVERE_CPPR_DRP 24186	61.81 2.49 0.00	54.82 2.01 0.00	51.01 1.72 0.00	50.70 1.81 0.00	51.42 1.88 0.00	51.00 2.15 0.00	50.72 2.28 0.00	51.82 2.37 0.00	56.70 2.65 0.00	62.49 2.69 0.00	68.71 3.21 0.00	86.84 4.06 0.00	95.96 3.60 0.00	99.64 3.81 -0.58	105.98 3.96 -0.46	105.53 4.16 0.17	116.97 4.64 0.84	136.76 5.59 2.00	153.03 7.15 0.00	147.84 6.90 2.71	119.28 5.62 1.07	100.81 4.80 0.00	85.33 3.91 0.00	68.27 3.00 0.00
REYNLDPA_13_KV_LD 356490	59.56 0.24 0.00	52.97 0.16 0.00	49.48 0.20 0.00	49.14 0.24 0.00	49.83 0.30 0.00	48.61 -0.24 0.00	48.15 -0.29 0.00	49.10 -0.35 0.00	53.46 -0.59 0.00	59.26 -0.54 0.00	64.78 -0.72 0.00	81.87 -0.91 0.00	90.51 -1.85 0.00	92.59 -2.67 0.00	98.46 -3.35 -0.25	98.55 -3.25 -0.27	110.84 -3.62 -1.30	131.75 -4.53 -3.11	141.36 -4.52 0.00	144.30 -3.74 -4.38	113.80 -2.64 -1.72	93.61 -2.40 0.00	80.93 -0.49 0.00	64.94 -0.33 0.00
REYNOLDS_115KV_TB3 80639	60.51 1.19 0.00	54.08 1.27 0.00	50.52 1.23 0.00	50.16 1.27 0.00	50.77 1.24 0.00	50.41 1.56 0.00	50.09 1.65 0.00	51.13 1.68 0.00	55.84 1.78 0.00	62.53 2.03 -0.70	67.79 2.29 0.00	85.43 2.65 0.00	115.13 3.79 -18.99	159.87 4.19 -60.42	173.00 4.67 -66.77	254.43 4.67 -148.23	202.42 5.21 -84.05	203.42 5.99 -64.27	301.62 6.42 -149.32	263.28 5.89 -113.74	143.80 4.47 -24.60	77.24 3.65 22.41	83.86 2.44 0.00	67.36 2.09 0.00
RIVERBAY____ 323610	63.48 4.15 -0.01	57.00 4.17 -0.01	53.28 3.99 0.00	52.71 3.81 0.00	53.30 3.76 0.00	53.00 4.15 0.00	52.76 4.31 0.00	54.15 4.70 0.00	58.97 4.92 0.00	65.15 5.32 -0.03	71.13 5.63 0.00	90.32 7.53 0.00	104.42 10.44 -1.63	152.80 11.24 -46.30	212.31 12.19 -98.56	301.49 12.49 -187.47	363.02 14.15 -235.71	409.15 16.51 -259.47	319.02 17.65 -155.50	214.79 16.95 -54.19	154.21 12.96 -26.53	107.57 9.98 -1.58	88.19 6.76 -0.01	70.44 5.16 -0.02
RIVERSDE_115KV_TB3 55908	60.33 1.01 0.00	53.87 1.06 0.00	50.37 1.08 0.00	50.02 1.12 0.00	50.62 1.09 0.00	50.27 1.42 0.00	49.90 1.45 0.00	50.98 1.53 0.00	55.68 1.62 0.00	61.91 1.79 -0.32	67.66 2.16 0.00	85.19 2.40 0.00	103.68 3.51 -7.82	134.15 3.81 -35.08	146.60 4.27 -40.77	208.07 4.26 -102.27	172.48 4.75 -54.57	177.64 5.59 -38.88	261.79 5.84 -110.07	229.74 5.32 -80.77	138.07 4.02 -19.34	80.94 3.26 18.33	83.62 2.20 0.00	67.16 1.89 0.00
ROARING___BROOK_WT_PWR 323790	58.31 -1.01 0.00	51.97 -0.85 0.00	48.55 -0.74 0.00	48.26 -0.64 0.00	48.94 -0.59 0.00	48.21 -0.64 0.00	47.87 -0.58 0.00	48.91 -0.54 0.00	53.46 -0.59 0.00	59.14 -0.66 0.00	64.78 -0.72 0.00	81.96 -0.83 0.00	91.34 -1.01 0.00	93.92 -1.33 0.00	99.98 -1.63 -0.05	100.06 -1.52 -0.05	111.82 -1.58 -0.24	131.87 -1.86 -0.58	143.98 -1.90 0.00	142.75 -1.72 -0.81	113.78 -1.26 -0.32	94.95 -1.05 0.00	81.01 -0.41 0.00	65.01 -0.26 0.00

ROCHESRG_115KV_T4 355643	58.67 -0.65 0.00	51.81 -1.00 0.00	47.91 -1.38 0.00	47.04 -1.86 0.00	47.65 -1.88 0.00	47.39 -1.47 0.00	46.99 -1.45 0.00	48.16 -1.29 0.00	52.60 -1.46 0.00	57.76 -2.03 0.00	63.66 -1.83 0.00	79.89 -2.90 0.00	88.19 -4.16 0.01	92.13 -4.10 -0.97	100.99 -2.64 -2.07	98.59 -2.94 0.00	109.88 -3.28 0.00	129.97 -3.20 0.00	141.50 -4.38 0.00	139.20 -4.45 0.00	111.62 -3.10 0.00	93.32 -2.69 0.00	78.57 -2.85 0.00	63.64 -1.63 0.00
ROCHESTER_9_IC 23652	59.14 -0.18 0.00	52.23 -0.58 0.00	48.25 -1.03 0.00	47.38 -1.52 0.00	47.95 -1.59 0.00	47.68 -1.17 0.00	47.33 -1.11 0.00	48.56 -0.89 0.00	53.03 -1.03 0.00	58.30 -1.49 0.00	64.25 -1.24 0.00	80.63 -2.15 0.00	89.02 -3.32 0.01	92.99 -3.24 -0.97	101.90 -1.73 -2.07	99.50 -2.03 0.00	110.79 -2.38 0.00	131.16 -2.00 0.00	142.81 -3.06 0.00	140.35 -3.30 0.00	112.66 -2.06 0.00	94.09 -1.92 0.00	79.14 -2.28 0.00	64.09 -1.17 0.00
ROCKVIEW_13_KV_LD 356306	62.40 3.08 0.00	55.72 2.90 0.00	52.05 2.76 0.00	51.53 2.64 0.00	52.06 2.53 0.00	51.93 3.08 0.00	51.79 3.34 0.00	53.36 3.91 0.00	58.49 4.43 0.00	65.03 5.20 -0.03	70.87 5.37 0.00	90.07 7.29 0.00	103.86 9.88 -1.63	152.43 10.95 -46.22	212.04 11.98 -98.50	300.99 12.18 -187.27	362.20 13.81 -235.23	408.33 16.25 -258.93	318.31 17.21 -155.22	214.17 16.38 -54.14	153.51 12.28 -26.52	106.98 9.41 -1.56	87.36 5.94 0.00	69.84 4.57 0.00
ROME____115KV_TB2 80656	61.81 2.49 0.00	54.82 2.01 0.00	51.01 1.72 0.00	50.70 1.81 0.00	51.42 1.88 0.00	51.00 2.15 0.00	50.72 2.28 0.00	51.82 2.37 0.00	56.70 2.65 0.00	62.49 2.69 0.00	68.71 3.21 0.00	86.84 4.06 0.00	95.96 3.60 0.00	99.64 3.81 -0.58	105.98 3.96 -0.46	105.53 4.16 0.17	116.97 4.64 0.84	136.76 5.59 2.00	153.03 7.15 0.00	147.84 6.90 2.71	119.28 5.62 1.07	100.81 4.80 0.00	85.33 3.91 0.00	68.27 3.00 0.00
ROSETON___1 23587	61.22 1.90 0.00	54.66 1.85 0.00	51.11 1.82 0.00	50.65 1.76 0.00	51.22 1.69 0.00	51.00 2.15 0.00	50.82 2.37 0.00	52.22 2.77 0.00	57.03 2.97 0.00	63.32 3.53 0.00	69.16 3.67 0.00	87.58 4.80 0.00	100.65 6.83 -1.46	120.22 7.52 -17.44	128.73 8.13 -19.03	137.02 8.13 -27.36	133.25 9.28 -10.81	149.04 10.78 -5.10	202.06 11.39 -44.80	193.98 10.63 -39.70	148.89 8.03 -26.14	103.90 6.34 -1.55	85.49 4.07 0.00	68.47 3.20 0.00
ROSETON___2 23588	61.22 1.90 0.00	54.66 1.85 0.00	51.11 1.82 0.00	50.65 1.76 0.00	51.22 1.69 0.00	51.00 2.15 0.00	50.82 2.37 0.00	52.22 2.77 0.00	57.03 2.97 0.00	63.32 3.53 0.00	69.16 3.67 0.00	87.58 4.80 0.00	100.65 6.83 -1.46	120.22 7.52 -17.44	128.73 8.13 -19.03	137.02 8.13 -27.36	133.25 9.28 -10.81	149.04 10.78 -5.10	202.06 11.39 -44.80	193.98 10.63 -39.70	148.89 8.03 -26.14	103.90 6.34 -1.55	85.49 4.07 0.00	68.47 3.20 0.00
ROTRDAM_115KV_TB3 80664	61.04 1.72 0.00	54.40 1.58 0.00	50.81 1.53 0.00	50.41 1.52 0.00	51.07 1.54 0.00	50.66 1.81 0.00	50.24 1.79 0.00	51.23 1.78 0.00	56.00 1.95 0.00	62.11 2.15 -0.16	67.86 2.36 0.00	85.77 2.98 0.00	99.95 3.79 -3.81	126.27 4.10 -26.92	140.18 4.47 -34.15	233.43 4.37 -127.53	186.99 4.98 -68.85	187.29 5.86 -48.27	355.85 6.56 -203.41	334.43 6.32 -184.45	232.55 5.05 -112.78	107.17 4.22 -6.94	84.43 3.01 0.00	67.68 2.41 0.00
RUSSELL___1 23602	59.56 0.24 0.00	52.60 -0.21 0.00	48.55 -0.74 0.00	47.62 -1.27 0.00	48.25 -1.29 0.00	47.97 -0.88 0.00	47.62 -0.82 0.00	48.86 -0.59 0.00	53.41 -0.65 0.00	58.72 -1.08 0.00	64.78 -0.72 0.00	81.29 -1.49 0.00	89.67 -2.68 0.01	93.66 -2.57 -0.97	102.71 -0.91 -2.07	100.32 -1.22 0.00	111.58 -1.58 0.00	132.23 -0.93 0.00	143.84 -2.04 0.00	141.50 -2.15 0.00	113.46 -1.26 0.00	94.76 -1.25 0.00	79.71 -1.71 0.00	64.55 -0.72 0.00
RUSSELL___2 23532	59.56 0.24 0.00	52.60 -0.21 0.00	48.55 -0.74 0.00	47.62 -1.27 0.00	48.25 -1.29 0.00	47.97 -0.88 0.00	47.62 -0.82 0.00	48.86 -0.59 0.00	53.41 -0.65 0.00	58.72 -1.08 0.00	64.78 -0.72 0.00	81.29 -1.49 0.00	89.67 -2.68 0.01	93.66 -2.57 -0.97	102.71 -0.91 -2.07	100.32 -1.22 0.00	111.58 -1.58 0.00	132.23 -0.93 0.00	143.84 -2.04 0.00	141.50 -2.15 0.00	113.46 -1.26 0.00	94.76 -1.25 0.00	79.71 -1.71 0.00	64.55 -0.72 0.00
RUSSELL___3 23549	59.56 0.24 0.00	52.60 -0.21 0.00	48.55 -0.74 0.00	47.62 -1.27 0.00	48.25 -1.29 0.00	47.97 -0.88 0.00	47.62 -0.82 0.00	48.86 -0.59 0.00	53.41 -0.65 0.00	58.72 -1.08 0.00	64.78 -0.72 0.00	81.29 -1.49 0.00	89.67 -2.68 0.01	93.66 -2.57 -0.97	102.71 -0.91 -2.07	100.32 -1.22 0.00	111.58 -1.58 0.00	132.23 -0.93 0.00	143.84 -2.04 0.00	141.50 -2.15 0.00	113.46 -1.26 0.00	94.76 -1.25 0.00	79.71 -1.71 0.00	64.55 -0.72 0.00
RUSSELL___4 23556	59.56 0.24 0.00	52.60 -0.21 0.00	48.55 -0.74 0.00	47.62 -1.27 0.00	48.25 -1.29 0.00	47.97 -0.88 0.00	47.62 -0.82 0.00	48.86 -0.59 0.00	53.41 -0.65 0.00	58.72 -1.08 0.00	64.78 -0.72 0.00	81.29 -1.49 0.00	89.67 -2.68 0.01	93.66 -2.57 -0.97	102.71 -0.91 -2.07	100.32 -1.22 0.00	111.58 -1.58 0.00	132.23 -0.93 0.00	143.84 -2.04 0.00	141.50 -2.15 0.00	113.46 -1.26 0.00	94.76 -1.25 0.00	79.71 -1.71 0.00	64.55 -0.72 0.00
RUSSELL___STATION 23914	59.56 0.24 0.00	52.60 -0.21 0.00	48.55 -0.74 0.00	47.62 -1.27 0.00	48.25 -1.29 0.00	47.97 -0.88 0.00	47.62 -0.82 0.00	48.86 -0.59 0.00	53.41 -0.65 0.00	58.72 -1.08 0.00	64.78 -0.72 0.00	81.29 -1.49 0.00	89.67 -2.68 0.01	93.66 -2.57 -0.97	102.71 -0.91 -2.07	100.32 -1.22 0.00	111.58 -1.58 0.00	132.23 -0.93 0.00	143.84 -2.04 0.00	141.50 -2.15 0.00	113.46 -1.26 0.00	94.76 -1.25 0.00	79.71 -1.71 0.00	64.55 -0.72 0.00
S SALMON___HYD 24043	59.50 0.18 0.00	52.76 -0.05 0.00	49.14 -0.15 0.00	48.65 -0.24 0.00	49.34 -0.20 0.00	48.90 0.05 0.00	48.59 0.15 0.00	49.55 0.10 0.00	54.22 0.16 0.00	59.80 0.00 0.00	65.63 0.13 0.00	82.79 0.00 0.00	92.08 -0.28 0.00	96.16 -0.19 -1.09	102.35 -0.20 -0.99	101.44 0.10 0.19	112.00 -0.23 0.94	130.92 0.00 2.24	146.46 0.59 0.00	141.38 0.87 3.14	114.40 0.91 1.23	97.25 1.24 0.00	81.99 0.57 0.00	65.66 0.39 0.00
S.PERRY__115KV_TB1 80734	59.26 -0.06 0.00	52.23 -0.58 0.00	48.20 -1.08 0.00	47.18 -1.71 0.00	47.80 -1.73 0.00	47.68 -1.17 0.00	47.33 -1.11 0.00	48.07 -1.38 0.00	52.05 -2.00 0.00	56.81 -2.99 0.00	62.29 -3.21 0.00	75.83 -6.95 0.00	83.74 -8.59 0.03	87.01 -8.57 -0.32	96.75 -7.72 -2.90	98.79 -7.41 -4.67	108.04 -7.81 -2.68	127.69 -7.46 -1.99	146.73 -7.15 -8.00	144.08 -5.60 -6.03	115.75 -3.44 -4.48	93.23 -3.07 -0.29	77.84 -3.58 0.00	64.81 -0.46 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	57.54 -1.78 0.00	50.76 -2.06 0.00	46.72 -2.56 0.00	45.62 -3.28 0.00	46.12 -3.42 0.00	46.12 -2.74 0.00	45.49 -2.96 0.00	46.34 -3.12 0.00	50.65 -3.41 0.00	55.31 -4.48 0.00	60.85 -4.65 0.00	76.16 -6.62 0.00	83.93 -8.40 0.02	87.68 -8.48 -0.91	96.18 -7.62 -2.24	98.37 -7.41 -4.24	107.80 -7.81 -2.44	126.72 -8.26 -1.81	142.67 -10.50 -7.29	138.80 -10.34 -5.49	111.46 -7.34 -4.08	89.74 -6.53 -0.26	75.64 -5.78 0.00	62.07 -3.20 0.00

SAWYER___23_KV_LOAD 55526	57.54 -1.78 0.00	50.76 -2.06 0.00	46.72 -2.56 0.00	45.62 -3.28 0.00	46.12 -3.42 0.00	46.12 -2.74 0.00	45.49 -2.96 0.00	46.34 -3.12 0.00	50.65 -3.41 0.00	55.31 -4.48 0.00	60.85 -4.65 0.00	76.16 -6.62 0.00	83.93 -8.40 0.02	87.68 -8.48 -0.91	96.18 -7.62 -2.24	98.37 -7.41 -4.24	107.80 -7.81 -2.44	126.72 -8.26 -1.81	142.67 -10.50 -7.29	138.80 -10.34 -5.49	111.46 -7.34 -4.08	89.74 -6.53 -0.26	75.64 -5.78 0.00	62.07 -3.20 0.00
SELKIRK___I 23801	59.20 -0.12 0.00	52.92 0.11 0.00	49.43 0.15 0.00	49.14 0.25 0.00	49.78 0.25 0.00	49.34 0.49 0.00	48.98 0.53 0.00	49.89 0.44 0.00	54.27 0.22 0.00	59.58 0.24 0.45	65.68 0.20 0.02	82.85 0.08 0.02	78.57 0.83 14.61	80.31 1.15 16.09	90.32 1.42 12.67	93.78 1.32 9.07	99.67 1.58 15.08	115.66 1.86 19.36	147.16 1.89 0.61	135.89 1.73 9.49	112.86 1.38 3.24	88.15 1.16 9.01	81.91 0.49 0.00	65.73 0.46 0.00
SELKIRK___II 23799	59.56 0.24 0.00	53.19 0.37 0.00	49.68 0.39 0.00	49.43 0.54 0.00	50.03 0.50 0.00	49.63 0.78 0.00	49.32 0.87 0.00	50.34 0.89 0.00	54.92 0.86 0.00	60.29 1.02 0.53	66.42 0.98 0.06	83.79 1.07 0.06	77.44 2.03 16.94	76.32 2.38 21.32	86.35 2.64 17.84	87.82 2.64 16.35	95.69 2.94 20.41	112.28 3.46 24.33	130.03 3.50 19.34	128.54 3.16 18.27	108.95 2.41 8.19	87.68 2.02 10.35	82.48 1.06 0.00	66.18 0.91 0.00
SENECA OSWGO___HYD 24041	58.61 -0.71 0.00	52.02 -0.79 0.00	48.45 -0.84 0.00	47.96 -0.93 0.00	48.54 -0.99 0.00	48.17 -0.68 0.00	47.81 -0.63 0.00	48.81 -0.64 0.00	53.51 -0.54 0.00	59.08 -0.71 0.00	64.84 -0.65 0.00	81.88 -0.91 0.00	91.34 -1.01 0.00	95.52 -0.95 -1.22	102.10 -0.71 -1.24	100.76 -0.71 0.06	112.07 -0.79 0.31	131.75 -0.66 0.75	145.01 -0.87 0.00	141.75 -0.86 1.05	113.62 -0.68 0.41	95.53 -0.48 0.00	80.36 -1.06 0.00	64.49 -0.78 0.00
SENECA___115KV_TB3 355854	58.19 -1.13 0.00	51.28 -1.53 0.00	47.22 -2.07 0.00	46.06 -2.84 0.00	46.61 -2.92 0.00	46.60 -2.25 0.00	46.02 -2.42 0.00	46.83 -2.62 0.00	51.19 -2.86 0.00	55.97 -3.83 0.00	61.57 -3.93 0.00	77.16 -5.63 0.00	85.22 -7.11 0.02	89.00 -7.14 -0.89	97.28 -6.70 -2.42	100.00 -5.99 -4.45	109.50 -6.22 -2.56	128.67 -6.39 -1.90	145.22 -8.32 -7.66	141.38 -8.04 -5.77	113.50 -5.51 -4.28	91.10 -5.18 -0.28	76.70 -4.72 0.00	62.98 -2.28 0.00
SENECA___ENERGY 23797	59.38 0.06 0.00	52.55 -0.26 0.00	48.84 -0.44 0.00	48.11 -0.78 0.00	48.74 -0.79 0.00	48.51 -0.34 0.00	48.20 -0.24 0.00	49.16 -0.29 0.00	54.00 -0.05 0.00	59.50 -0.30 0.00	65.37 -0.13 0.00	82.46 -0.33 0.00	91.61 -0.74 0.00	96.37 -0.57 -1.68	103.71 -0.10 -2.25	104.96 0.00 -3.42	115.10 0.11 -1.82	134.96 0.80 -0.99	152.35 0.73 -5.74	147.95 0.58 -3.71	118.39 0.69 -2.97	96.70 0.48 -0.21	81.01 -0.41 0.00	65.20 -0.07 0.00
SHOEMAKER___GT 23640	61.22 1.90 0.00	54.61 1.80 0.00	51.01 1.72 0.00	50.50 1.61 0.00	51.12 1.58 0.00	50.85 2.00 0.00	50.68 2.23 0.00	51.97 2.52 0.00	56.76 2.70 0.00	62.96 3.17 0.00	68.77 3.27 0.00	87.17 4.38 0.00	99.84 6.19 -1.30	129.27 6.86 -27.15	132.91 7.41 -23.93	158.38 7.51 -49.33	197.27 8.60 -75.51	223.79 9.99 -80.64	238.19 10.64 -81.67	195.64 10.20 -41.78	146.53 7.80 -24.00	103.59 6.15 -1.43	85.33 3.91 0.00	68.34 3.07 0.00
SHOEMAKR_138KV_BK 111 55601	61.16 1.84 0.00	54.56 1.74 0.00	50.96 1.68 0.00	50.46 1.56 0.00	51.07 1.54 0.00	50.85 2.00 0.00	50.58 2.13 0.00	51.87 2.42 0.00	56.76 2.70 0.00	62.97 3.17 0.00	68.84 3.34 0.00	87.17 4.39 0.00	99.82 6.19 -1.28	128.73 6.95 -26.52	132.66 7.52 -23.58	157.32 7.62 -48.17	194.46 8.71 -72.59	220.57 10.12 -77.29	236.26 10.79 -79.58	195.14 10.20 -41.29	146.36 7.80 -23.84	103.57 6.14 -1.42	85.33 3.91 0.00	68.27 3.00 0.00
SHOREHAM_IC_1 23715	63.36 4.04 -0.01	56.41 3.59 0.00	52.64 3.35 0.00	51.78 2.88 0.00	52.01 2.48 0.00	51.93 3.08 0.00	51.74 3.30 0.00	53.90 4.45 0.00	59.25 5.19 -0.01	66.29 6.46 -0.04	70.61 5.11 0.00	93.46 6.54 -4.13	104.05 10.43 -1.27	173.52 11.43 -66.84	225.89 12.08 -112.25	298.70 9.75 -187.41	364.53 11.66 -239.71	401.41 14.39 -253.86	314.61 15.46 -153.28	255.37 17.52 -94.20	152.29 13.76 -23.80	107.17 9.60 -1.56	85.65 4.23 0.00	69.12 3.85 0.00
SHOREHAM_IC_2 23716	63.06 3.74 0.00	55.77 2.96 0.00	52.09 2.81 0.00	51.24 2.35 0.00	51.47 1.93 0.00	51.39 2.54 0.00	51.11 2.66 0.00	53.16 3.71 0.00	58.92 4.86 0.00	65.92 6.10 -0.03	70.41 4.91 0.00	93.46 6.54 -4.13	104.06 10.44 -1.27	173.52 11.43 -66.83	225.89 12.09 -112.24	298.69 9.75 -187.41	364.54 11.66 -239.72	401.41 14.38 -253.87	314.64 15.46 -153.30	255.55 17.67 -94.22	152.30 13.77 -23.81	107.17 9.60 -1.56	85.66 4.23 0.00	69.12 3.85 0.00
SISSONVILLE____ 23735	59.44 0.12 0.00	52.81 0.00 0.00	49.29 0.00 0.00	49.04 0.15 0.00	49.78 0.25 0.00	48.46 -0.39 0.00	48.01 -0.44 0.00	48.91 -0.54 0.00	53.19 -0.86 0.00	58.90 -0.90 0.00	64.12 -1.38 0.00	80.30 -2.48 0.00	88.11 -4.25 0.00	90.11 -5.14 0.00	92.52 -7.21 1.83	92.57 -7.01 1.96	95.81 -7.81 9.54	101.14 -9.19 22.83	136.83 -9.04 0.00	103.41 -8.19 32.06	96.17 -5.97 12.59	91.02 -4.99 0.00	80.04 -1.38 0.00	64.35 -0.91 0.00
SITHE_IND_GS1 24169	57.66 -1.66 0.00	51.23 -1.58 0.00	47.71 -1.58 0.00	47.23 -1.66 0.00	47.85 -1.68 0.00	47.39 -1.46 0.00	47.04 -1.41 0.00	47.97 -1.48 0.00	52.60 -1.46 0.00	58.06 -1.74 0.00	63.73 -1.77 0.00	80.47 -2.32 0.00	89.67 -2.68 0.00	93.55 -2.67 -0.95	99.96 -2.64 -1.04	99.00 -2.53 0.00	110.22 -2.94 0.00	129.84 -3.32 0.00	142.08 -3.79 0.00	139.92 -3.74 0.00	111.74 -2.98 0.00	93.61 -2.40 0.00	78.98 -2.44 0.00	63.44 -1.83 0.00
SITHE_IND_GS2 24170	57.66 -1.66 0.00	51.23 -1.58 0.00	47.71 -1.58 0.00	47.23 -1.66 0.00	47.85 -1.68 0.00	47.39 -1.46 0.00	47.04 -1.41 0.00	47.97 -1.48 0.00	52.60 -1.46 0.00	58.06 -1.74 0.00	63.73 -1.77 0.00	80.47 -2.32 0.00	89.67 -2.68 0.00	93.55 -2.67 -0.95	99.96 -2.64 -1.04	99.00 -2.53 0.00	110.22 -2.94 0.00	129.84 -3.32 0.00	142.08 -3.79 0.00	139.92 -3.74 0.00	111.74 -2.98 0.00	93.61 -2.40 0.00	78.98 -2.44 0.00	63.44 -1.83 0.00
SITHE_IND_GS3 24171	57.66 -1.66 0.00	51.23 -1.58 0.00	47.71 -1.58 0.00	47.23 -1.66 0.00	47.85 -1.68 0.00	47.39 -1.46 0.00	47.04 -1.41 0.00	47.97 -1.48 0.00	52.60 -1.46 0.00	58.06 -1.74 0.00	63.73 -1.77 0.00	80.47 -2.32 0.00	89.67 -2.68 0.00	93.55 -2.67 -0.95	99.96 -2.64 -1.04	99.00 -2.53 0.00	110.22 -2.94 0.00	129.84 -3.32 0.00	142.08 -3.79 0.00	139.92 -3.74 0.00	111.74 -2.98 0.00	93.61 -2.40 0.00	78.98 -2.44 0.00	63.44 -1.83 0.00
SITHE_IND_GS4 24172	57.66 -1.66 0.00	51.23 -1.58 0.00	47.71 -1.58 0.00	47.23 -1.66 0.00	47.85 -1.68 0.00	47.39 -1.46 0.00	47.04 -1.41 0.00	47.97 -1.48 0.00	52.60 -1.46 0.00	58.06 -1.74 0.00	63.73 -1.77 0.00	80.47 -2.32 0.00	89.67 -2.68 0.00	93.55 -2.67 -0.95	99.96 -2.64 -1.04	99.00 -2.53 0.00	110.22 -2.94 0.00	129.84 -3.32 0.00	142.08 -3.79 0.00	139.92 -3.74 0.00	111.74 -2.98 0.00	93.61 -2.40 0.00	78.98 -2.44 0.00	63.44 -1.83 0.00

SITHE____BATAVIA 24024	59.74 0.42 0.00	52.50 -0.31 0.00	48.45 -0.84 0.00	47.28 -1.61 0.00	47.60 -1.93 0.00	47.82 -1.03 0.00	46.94 -1.50 0.00	47.57 -1.88 0.00	52.60 -1.46 0.00	57.46 -2.33 0.00	63.40 -2.10 0.00	79.39 -3.40 0.00	85.60 -6.74 0.01	89.53 -6.67 -0.94	98.28 -5.49 -2.20	99.64 -5.58 -3.69	109.22 -6.11 -2.17	129.13 -5.59 -1.55	145.00 -7.14 -6.26	141.48 -6.89 -4.72	113.52 -4.71 -3.50	92.01 -4.22 -0.23	78.57 -2.85 0.00	64.03 -1.24 0.00
SITHE____INDEPEND 23800	57.66 -1.66 0.00	51.23 -1.58 0.00	47.71 -1.58 0.00	47.28 -1.61 0.00	47.90 -1.63 0.00	47.39 -1.47 0.00	47.04 -1.40 0.00	48.07 -1.38 0.00	52.60 -1.46 0.00	58.06 -1.73 0.00	63.73 -1.77 0.00	80.47 -2.32 0.00	89.68 -2.68 0.00	93.54 -2.67 -0.95	99.96 -2.64 -1.04	99.00 -2.54 0.00	110.22 -2.94 0.00	129.83 -3.33 0.00	142.08 -3.79 0.00	139.92 -3.74 0.00	111.74 -2.98 0.00	93.61 -2.40 0.00	78.98 -2.44 0.00	63.44 -1.83 0.00
SITHE____MASSENA 23902	59.62 0.30 0.00	53.03 0.21 0.00	49.48 0.20 0.00	49.19 0.30 0.00	49.88 0.35 0.00	48.56 -0.29 0.00	48.11 -0.34 0.00	49.05 -0.40 0.00	53.41 -0.65 0.00	59.08 -0.71 0.00	64.58 -0.92 0.00	81.55 -1.24 0.00	90.05 -2.31 0.00	92.12 -3.14 0.00	94.21 -4.67 2.68	94.10 -4.57 2.86	94.10 -5.09 13.97	93.35 -6.39 33.42	139.61 -6.27 0.00	91.11 -5.60 46.94	92.17 -4.13 18.43	92.56 -3.45 0.00	80.85 -0.57 0.00	64.81 -0.45 0.00
SITHE____OGDNSBRG 24021	60.57 1.25 0.00	53.82 1.00 0.00	50.17 0.89 0.00	49.92 1.03 0.00	50.67 1.14 0.00	49.29 0.44 0.00	48.83 0.39 0.00	49.55 0.10 0.00	53.73 -0.32 0.00	59.38 -0.42 0.00	64.65 -0.85 0.00	81.38 -1.41 0.00	89.49 -2.86 0.00	91.54 -3.72 0.00	93.81 -5.59 2.16	93.84 -5.38 2.31	96.02 -5.88 11.26	99.43 -6.79 26.94	140.04 -5.84 0.00	101.22 -4.60 37.84	96.88 -2.98 14.86	93.51 -2.50 0.00	81.91 0.49 0.00	65.72 0.46 0.00
SITHE____STERLING 23777	61.27 1.95 0.00	54.40 1.58 0.00	50.66 1.38 0.00	50.26 1.37 0.00	50.97 1.44 0.00	50.56 1.71 0.00	50.29 1.84 0.00	51.33 1.88 0.00	56.16 2.11 0.00	62.01 2.21 0.00	68.12 2.62 0.00	86.18 3.40 0.00	95.03 2.68 0.00	98.88 2.96 -0.67	105.21 3.04 -0.60	104.57 3.15 0.12	116.10 3.51 0.57	136.00 4.13 1.29	150.98 5.10 0.00	146.73 4.89 1.81	118.02 4.01 0.71	99.46 3.45 0.00	84.35 2.93 0.00	67.55 2.28 0.00
SLEIGHT__34_KV_TB1 80719	59.08 -0.24 0.00	52.29 -0.53 0.00	48.40 -0.89 0.00	47.62 -1.27 0.00	48.25 -1.29 0.00	47.97 -0.88 0.00	47.72 -0.73 0.00	48.96 -0.49 0.00	53.57 -0.49 0.00	58.96 -0.84 0.00	64.97 -0.52 0.00	81.71 -1.08 0.00	90.59 -1.75 0.01	94.90 -1.71 -1.36	102.96 -0.61 -2.01	100.72 -0.81 0.00	112.14 -1.02 0.00	132.63 -0.53 0.00	144.71 -1.17 0.00	142.36 -1.29 0.00	113.92 -0.80 0.00	95.24 -0.77 0.00	79.95 -1.47 0.00	64.42 -0.85 0.00
SMITHTWN_69_KV_BK 1 55830	63.89 4.57 0.00	56.56 3.75 0.00	52.83 3.55 0.00	51.97 3.08 0.00	52.26 2.72 0.00	52.17 3.32 0.00	51.93 3.49 0.00	54.00 4.55 0.00	59.78 5.73 0.00	66.82 7.00 -0.03	71.26 5.76 0.00	93.56 7.37 -3.41	104.81 11.17 -1.28	221.60 12.19 -114.15	264.64 13.20 -149.88	299.22 12.59 -185.10	364.91 14.60 -237.15	402.24 17.44 -251.64	316.88 18.67 -152.33	339.28 18.24 -177.38	152.69 14.11 -23.86	107.46 9.89 -1.56	86.31 4.89 0.00	69.57 4.31 0.00
SOUTH CAIRO____GT 23612	61.99 2.67 0.00	55.19 2.38 0.00	51.55 2.27 0.00	51.09 2.20 0.00	51.76 2.23 0.00	51.39 2.54 0.00	51.01 2.57 0.00	51.97 2.52 0.00	56.27 2.22 0.00	61.93 2.63 0.49	67.96 2.49 0.02	85.66 2.90 0.02	81.30 4.62 15.68	81.74 5.24 18.76	90.76 5.89 16.69	91.09 6.30 16.74	102.33 7.47 18.30	120.91 9.32 21.57	147.69 10.79 8.98	137.75 10.92 16.82	116.44 8.60 6.88	94.11 7.20 9.10	86.22 4.80 0.00	69.05 3.79 0.00
SOUTH HAMPTN____IC 23720	64.19 4.87 -0.01	57.09 4.28 0.00	53.28 3.99 0.00	52.42 3.52 0.00	52.61 3.07 0.00	52.47 3.61 0.00	52.18 3.73 0.00	54.40 4.94 0.00	59.96 5.89 -0.01	67.18 7.35 -0.04	71.99 6.49 0.00	95.28 8.45 -4.05	106.36 12.75 -1.26	171.58 13.81 -62.52	224.73 14.42 -108.75	302.05 13.10 -187.41	368.16 15.39 -239.61	405.52 18.64 -253.72	319.16 20.14 -153.14	250.88 20.69 -86.53	154.80 16.28 -23.80	109.08 11.52 -1.56	87.12 5.70 0.00	70.42 5.15 0.00
SOUTHDOW_115KV_TB1 355954	59.20 -0.12 0.00	52.18 -0.63 0.00	47.95 -1.33 0.00	46.79 -2.10 0.00	47.30 -2.23 0.00	47.53 -1.32 0.00	47.23 -1.21 0.00	48.51 -0.94 0.00	53.41 -0.65 0.00	58.60 -1.20 0.00	64.65 -0.85 0.00	80.88 -1.90 0.00	89.65 -2.68 0.02	93.45 -2.67 -0.86	101.37 -2.95 -2.75	105.23 -1.22 -4.91	115.08 -0.91 -2.83	133.53 -1.73 -2.10	151.56 -2.77 -8.46	147.87 -2.15 -6.37	118.65 -0.80 -4.73	94.78 -1.54 -0.31	79.47 -1.95 0.00	65.33 0.07 0.00
SOUTHOLD_69_KV_BK 2 55809	64.42 5.10 0.00	56.88 4.07 0.00	53.13 3.84 0.00	52.22 3.32 0.00	52.36 2.82 0.00	52.27 3.42 0.00	51.59 3.15 0.00	53.80 4.35 0.00	60.00 5.95 0.00	67.36 7.53 -0.03	72.64 7.14 0.00	96.69 9.85 -4.06	108.11 14.50 -1.26	173.57 15.72 -62.60	224.70 14.32 -108.82	302.15 13.20 -187.41	368.41 15.62 -239.63	405.80 18.91 -253.73	319.33 20.28 -153.17	251.05 20.69 -86.71	156.99 18.47 -23.80	110.72 13.15 -1.56	88.18 6.76 0.00	71.60 6.33 0.00
SOUTHOLD____IC 23719	64.78 5.45 -0.01	57.51 4.70 0.00	53.67 4.38 0.00	52.75 3.86 0.00	52.90 3.37 0.00	52.76 3.91 0.00	52.27 3.83 0.00	54.55 5.09 0.00	60.28 6.21 -0.01	67.72 7.89 -0.04	72.84 7.33 0.00	96.69 9.85 -4.06	108.11 14.50 -1.26	173.57 15.71 -62.60	224.71 14.32 -108.82	302.14 13.19 -187.41	368.40 15.62 -239.62	405.79 18.90 -253.72	319.30 20.27 -153.15	250.88 20.54 -86.69	156.99 18.47 -23.80	110.72 13.15 -1.56	88.18 6.75 0.00	71.60 6.33 0.00
SOUTH_FORK_WT_PWR 323839	64.31 4.98 -0.01	57.09 4.28 0.00	53.28 3.99 0.00	52.37 3.47 0.00	52.51 2.97 0.00	52.37 3.52 0.00	51.69 3.25 0.00	53.95 4.50 0.00	59.68 5.62 -0.01	67.06 7.23 -0.04	72.25 6.75 0.00	95.94 9.11 -4.05	107.28 13.67 -1.26	172.67 14.85 -62.56	224.76 14.42 -108.79	302.14 13.19 -187.41	368.40 15.62 -239.61	405.78 18.90 -253.72	319.44 20.42 -153.15	250.80 20.54 -86.60	155.84 17.32 -23.80	109.76 12.19 -1.56	87.36 5.94 0.00	71.21 5.94 0.00
SPIERFLS_115KV_TB 1 80737	62.46 3.14 0.00	55.67 2.85 0.00	51.90 2.61 0.00	51.44 2.54 0.00	52.06 2.53 0.00	51.68 2.83 0.00	51.30 2.86 0.00	52.47 3.02 0.00	57.24 3.19 0.00	63.63 3.73 -0.25	69.23 3.73 0.00	87.59 4.80 0.00	104.11 5.45 -6.31	132.92 5.33 -32.33	146.78 5.79 -39.43	238.44 6.09 -130.82	190.97 6.68 -71.13	191.81 7.99 -50.65	381.97 9.92 -226.17	370.76 10.20 -216.91	269.61 8.37 -146.51	123.14 6.82 -20.31	86.96 5.54 0.00	69.44 4.18 0.00
ST LAWRENCE____ 23600	58.91 -0.41 0.00	52.45 -0.37 0.00	48.99 -0.29 0.00	48.65 -0.24 0.00	49.34 -0.20 0.00	48.17 -0.68 0.00	47.67 -0.78 0.00	48.66 -0.79 0.00	53.03 -1.03 0.00	58.66 -1.14 0.00	64.19 -1.31 0.00	81.13 -1.66 0.00	89.77 -2.59 0.00	92.21 -3.05 0.00	98.00 -3.76 -0.20	98.09 -3.65 -0.21	110.16 -4.07 -1.07	130.65 -5.06 -2.55	140.77 -5.11 0.00	142.64 -4.60 -3.58	112.69 -3.44 -1.41	93.03 -2.98 0.00	80.28 -1.14 0.00	64.29 -0.98 0.00

STATE_CA_115KV_115_LB 55624	60.39 1.07 0.00	53.92 1.11 0.00	50.42 1.13 0.00	50.07 1.17 0.00	50.67 1.14 0.00	50.32 1.47 0.00	49.95 1.50 0.00	51.03 1.58 0.00	55.73 1.68 0.00	61.78 1.85 -0.12	67.79 2.29 0.00	85.35 2.57 0.00	98.12 3.60 -2.17	121.55 3.91 -22.39	133.92 4.37 -27.99	190.56 4.37 -84.66	161.04 4.87 -43.01	167.29 5.59 -28.54	256.90 5.98 -105.05	229.24 5.46 -80.13	148.88 4.13 -30.03	86.50 3.36 12.87	83.78 2.36 0.00	67.29 2.02 0.00
STATE_ST_34_KV_LOAD 55959	59.91 0.59 0.00	53.13 0.32 0.00	49.33 0.05 0.00	48.75 -0.15 0.00	49.39 -0.15 0.00	49.05 0.20 0.00	48.78 0.34 0.00	49.95 0.49 0.00	54.70 0.65 0.00	60.27 0.48 0.00	66.09 0.59 0.00	83.36 0.58 0.00	92.91 0.55 -0.01	98.50 0.67 -2.57	104.91 1.12 -2.23	106.18 1.22 -3.42	116.33 1.36 -1.81	136.16 2.00 -1.00	154.00 2.33 -5.79	149.54 2.15 -3.73	119.55 1.84 -2.99	97.75 1.54 -0.21	81.91 0.49 0.00	65.72 0.46 0.00
STATION_5_MISC_HYD 23604	59.14 -0.18 0.00	52.13 -0.69 0.00	48.25 -1.04 0.00	47.33 -1.57 0.00	47.95 -1.59 0.00	47.68 -1.17 0.00	47.14 -1.31 0.00	48.07 -1.38 0.00	53.03 -1.03 0.00	58.30 -1.49 0.00	64.25 -1.25 0.00	80.80 -1.99 0.00	89.02 -3.32 0.01	92.99 -3.24 -0.97	101.90 -1.73 -2.07	99.40 -2.14 0.00	110.78 -2.38 0.00	131.30 -1.86 0.00	142.81 -3.07 0.00	140.49 -3.16 0.00	112.54 -2.18 0.00	94.09 -1.92 0.00	79.14 -2.28 0.00	64.09 -1.17 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	59.26 -0.06 0.00	52.39 -0.42 0.00	48.55 -0.74 0.00	47.72 -1.17 0.00	48.34 -1.19 0.00	48.07 -0.78 0.00	47.77 -0.68 0.00	48.96 -0.49 0.00	53.57 -0.49 0.00	58.90 -0.90 0.00	64.91 -0.59 0.00	81.63 -1.16 0.00	90.40 -1.94 0.01	94.35 -1.81 -0.90	102.96 -0.81 -2.21	103.84 -0.91 -3.22	113.99 -1.02 -1.85	133.99 -0.53 -1.36	150.35 -1.02 -5.49	146.64 -1.15 -4.13	117.22 -0.57 -3.07	95.63 -0.58 -0.20	80.12 -1.30 0.00	64.68 -0.59 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	58.85 -0.47 0.00	52.02 -0.79 0.00	48.05 -1.23 0.00	47.18 -1.71 0.00	47.80 -1.73 0.00	47.53 -1.32 0.00	47.19 -1.26 0.00	48.41 -1.04 0.00	52.92 -1.14 0.00	58.18 -1.61 0.00	64.19 -1.31 0.00	80.63 -2.15 0.00	89.02 -3.32 0.01	93.00 -3.24 -0.98	101.88 -1.73 -2.04	99.40 -2.13 0.00	110.67 -2.49 0.00	131.03 -2.13 0.00	142.67 -3.21 0.00	140.35 -3.30 0.00	112.43 -2.29 0.00	93.99 -2.02 0.00	78.98 -2.44 0.00	63.90 -1.37 0.00
STA_56___34_KV_BUS2 355983	58.85 -0.47 0.00	52.02 -0.79 0.00	48.05 -1.23 0.00	47.18 -1.71 0.00	47.80 -1.73 0.00	47.53 -1.32 0.00	47.19 -1.26 0.00	48.41 -1.04 0.00	52.92 -1.14 0.00	58.18 -1.61 0.00	64.19 -1.31 0.00	80.63 -2.15 0.00	89.02 -3.32 0.01	93.00 -3.24 -0.98	101.88 -1.73 -2.04	99.40 -2.13 0.00	110.67 -2.49 0.00	131.03 -2.13 0.00	142.67 -3.21 0.00	140.35 -3.30 0.00	112.43 -2.29 0.00	93.99 -2.02 0.00	78.98 -2.44 0.00	63.90 -1.37 0.00
STA_67___115KV_BK2 355882	58.96 -0.36 0.00	52.08 -0.74 0.00	48.10 -1.18 0.00	47.23 -1.66 0.00	47.85 -1.68 0.00	47.58 -1.27 0.00	47.19 -1.26 0.00	48.36 -1.09 0.00	52.87 -1.19 0.00	58.06 -1.73 0.00	63.99 -1.51 0.00	80.30 -2.48 0.00	88.65 -3.69 0.01	92.71 -3.52 -0.97	101.50 -2.13 -2.07	99.10 -2.44 0.00	110.45 -2.72 0.00	130.63 -2.53 0.00	142.23 -3.65 0.00	139.92 -3.74 0.00	112.20 -2.52 0.00	93.80 -2.21 0.00	78.90 -2.52 0.00	63.90 -1.37 0.00
STA_7___115KV_9TRANS 80674	59.56 0.24 0.00	52.60 -0.21 0.00	48.55 -0.74 0.00	47.62 -1.27 0.00	48.25 -1.29 0.00	47.97 -0.88 0.00	47.62 -0.82 0.00	48.86 -0.59 0.00	53.41 -0.65 0.00	58.72 -1.08 0.00	64.78 -0.72 0.00	81.29 -1.49 0.00	89.67 -2.68 0.01	93.66 -2.57 -0.97	102.71 -0.91 -2.07	100.32 -1.22 0.00	111.58 -1.58 0.00	132.23 -0.93 0.00	143.84 -2.04 0.00	141.50 -2.15 0.00	113.46 -1.26 0.00	94.76 -1.25 0.00	79.71 -1.71 0.00	64.55 -0.72 0.00
STA_82___115KV_TB1 80780	58.96 -0.36 0.00	52.08 -0.74 0.00	48.15 -1.13 0.00	47.23 -1.66 0.00	47.85 -1.68 0.00	47.58 -1.27 0.00	47.19 -1.26 0.00	48.41 -1.04 0.00	52.87 -1.19 0.00	58.06 -1.73 0.00	64.06 -1.44 0.00	80.38 -2.40 0.00	88.65 -3.69 0.01	92.71 -3.52 -0.98	101.49 -2.13 -2.06	99.10 -2.44 0.00	110.45 -2.72 0.00	132.11 -2.40 -1.35	147.66 -3.65 -5.43	144.01 -3.74 -4.09	115.35 -2.41 -3.03	94.00 -2.21 -0.20	78.90 -2.52 0.00	63.96 -1.31 0.00
STEEL___WIND 323596	58.01 -1.31 0.00	51.02 -1.80 0.00	47.12 -2.17 0.00	45.96 -2.93 0.00	46.36 -3.17 0.00	46.51 -2.34 0.00	45.63 -2.81 0.00	46.04 -3.41 0.00	51.08 -2.97 0.00	55.85 -3.95 0.00	61.44 -4.06 0.00	77.15 -5.63 0.00	85.04 -7.30 0.02	88.82 -7.33 -0.89	97.07 -6.91 -2.42	99.69 -6.30 -4.45	109.34 -6.45 -2.62	128.65 -6.39 -1.88	144.99 -8.46 -7.58	141.02 -8.34 -5.70	113.22 -5.73 -4.24	91.00 -5.28 -0.27	76.62 -4.80 0.00	62.92 -2.35 0.00
STEPHTWN_115KV_BK_2 55603	60.62 1.31 0.00	54.14 1.32 0.00	50.57 1.28 0.00	50.21 1.32 0.00	50.82 1.29 0.00	50.46 1.61 0.00	50.14 1.70 0.00	51.23 1.78 0.00	55.95 1.89 0.00	60.97 2.09 0.92	67.99 2.49 0.00	85.60 2.81 0.00	67.07 3.97 29.26	50.21 4.29 49.33	60.19 4.77 46.15	47.80 4.87 58.61	70.12 5.43 48.47	90.23 6.39 49.32	98.35 6.71 54.24	80.79 6.18 69.05	83.27 4.70 36.16	83.12 3.84 16.73	84.19 2.77 0.00	67.55 2.28 0.00
STEUBEN_REC_LFGE 323667	59.02 -0.30 0.00	52.02 -0.79 0.00	48.00 -1.28 0.00	46.94 -1.96 0.00	47.50 -2.03 0.00	47.58 -1.27 0.00	47.28 -1.16 0.00	48.16 -1.29 0.00	52.60 -1.46 0.00	57.58 -2.21 0.00	63.34 -2.16 0.00	79.47 -3.31 0.00	87.95 -4.34 0.06	88.99 -4.29 1.98	101.25 -3.96 -3.65	104.58 -3.05 -6.09	113.84 -2.83 -3.51	134.01 -1.73 -2.58	154.82 -1.46 -10.40	151.68 -0.43 -8.46	121.22 0.69 -5.82	96.58 0.19 -0.38	80.85 -0.57 0.00	65.92 0.65 0.00
STILLWATER___SOLAR 323814	62.40 3.08 0.00	55.61 2.80 0.00	51.90 2.61 0.00	51.43 2.54 0.00	52.11 2.57 0.00	51.68 2.83 0.00	51.35 2.91 0.00	52.42 2.97 0.00	57.13 3.08 0.00	63.56 3.47 -0.30	69.16 3.67 0.00	87.42 4.63 0.00	105.55 5.63 -7.56	136.21 5.91 -35.04	150.14 6.51 -42.08	240.70 6.70 -132.47	192.88 7.47 -72.25	193.80 8.79 -51.85	392.30 10.06 -236.36	385.04 9.90 -231.48	284.33 8.03 -161.58	128.86 6.53 -26.32	86.55 5.13 0.00	69.32 4.05 0.00
STONY___BROOK 24151	64.13 4.80 -0.01	57.09 4.28 0.00	53.28 3.99 0.00	52.42 3.52 0.00	52.71 3.17 0.00	52.61 3.76 0.00	52.46 4.02 0.00	54.59 5.14 0.00	59.96 5.89 -0.01	67.06 7.23 -0.04	71.33 5.83 0.00	93.71 6.95 -3.97	104.34 10.71 -1.28	194.24 11.71 -87.27	242.91 12.59 -128.75	300.82 11.87 -187.42	366.86 13.80 -239.89	403.95 16.64 -254.14	317.21 17.79 -153.55	291.17 17.38 -130.14	152.08 13.53 -23.83	107.08 9.51 -1.56	86.14 4.72 0.00	69.57 4.31 0.00
STURGEON_POOL_HYD 23609	61.57 2.25 0.00	54.87 2.06 0.00	51.31 2.02 0.00	50.80 1.91 0.00	51.47 1.93 0.00	51.20 2.34 0.00	50.96 2.52 0.00	52.27 2.82 0.00	57.19 3.14 0.00	63.59 3.89 0.09	69.42 3.93 0.00	88.16 5.38 0.00	97.72 7.76 2.39	114.15 8.67 -10.23	123.44 9.34 -12.53	131.63 9.34 -20.76	135.28 10.86 -11.25	152.95 12.52 -7.28	195.38 13.42 -36.08	183.47 12.64 -27.18	143.22 9.64 -18.86	103.13 7.68 0.56	86.06 4.64 0.00	68.86 3.59 0.00

ST_LAW_115_BK7_LBMP 345037	58.91 -0.41 0.00	52.50 -0.31 0.00	48.99 -0.29 0.00	48.70 -0.19 0.00	49.34 -0.20 0.00	48.12 -0.73 0.00	47.62 -0.82 0.00	48.61 -0.84 0.00	52.97 -1.08 0.00	58.60 -1.20 0.00	64.12 -1.38 0.00	81.04 -1.74 0.00	89.59 -2.77 0.00	91.92 -3.34 0.00	97.64 -4.17 -0.25	97.74 -4.06 -0.27	109.93 -4.53 -1.30	130.69 -5.59 -3.12	140.19 -5.69 0.00	143.00 -5.03 -4.38	112.66 -3.78 -1.72	92.74 -3.26 0.00	80.20 -1.22 0.00	64.29 -0.98 0.00
ST_LAW_115_BK8_LBMP 345038	58.91 -0.41 0.00	52.50 -0.31 0.00	48.99 -0.29 0.00	48.70 -0.19 0.00	49.34 -0.20 0.00	48.12 -0.73 0.00	47.62 -0.82 0.00	48.61 -0.84 0.00	52.97 -1.08 0.00	58.60 -1.20 0.00	64.12 -1.38 0.00	81.04 -1.74 0.00	89.59 -2.77 0.00	91.92 -3.34 0.00	97.64 -4.17 -0.25	97.74 -4.06 -0.27	109.93 -4.53 -1.30	130.69 -5.59 -3.12	140.19 -5.69 0.00	143.00 -5.03 -4.38	112.66 -3.78 -1.72	92.74 -3.26 0.00	80.20 -1.22 0.00	64.29 -0.98 0.00
ST_LAW_230_BK5_LBMP 345035	58.91 -0.41 0.00	52.45 -0.37 0.00	48.99 -0.29 0.00	48.65 -0.24 0.00	49.34 -0.20 0.00	48.17 -0.68 0.00	47.67 -0.78 0.00	48.66 -0.79 0.00	53.03 -1.03 0.00	58.66 -1.14 0.00	64.19 -1.31 0.00	81.13 -1.66 0.00	89.77 -2.59 0.00	92.21 -3.05 0.00	97.95 -3.76 -0.14	98.04 -3.65 -0.15	109.85 -4.07 -0.75	129.90 -5.06 -1.80	140.77 -5.11 0.00	141.58 -4.60 -2.53	112.28 -3.44 -0.99	93.03 -2.98 0.00	80.28 -1.14 0.00	64.29 -0.98 0.00
ST_LAW_230_BK6_LBMP 345036	58.91 -0.41 0.00	52.45 -0.37 0.00	48.99 -0.29 0.00	48.65 -0.24 0.00	49.34 -0.20 0.00	48.17 -0.68 0.00	47.67 -0.78 0.00	48.66 -0.79 0.00	53.03 -1.03 0.00	58.66 -1.14 0.00	64.19 -1.31 0.00	81.13 -1.66 0.00	89.77 -2.59 0.00	92.21 -3.05 0.00	97.95 -3.76 -0.14	98.04 -3.65 -0.15	109.85 -4.07 -0.75	129.90 -5.06 -1.80	140.77 -5.11 0.00	141.58 -4.60 -2.53	112.28 -3.44 -0.99	93.03 -2.98 0.00	80.28 -1.14 0.00	64.29 -0.98 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	61.40 2.08 0.00	54.77 1.95 0.00	51.21 1.92 0.00	50.65 1.76 0.00	51.27 1.73 0.00	51.05 2.20 0.00	50.87 2.42 0.00	52.22 2.77 0.00	57.14 3.08 0.00	63.44 3.65 0.00	69.36 3.86 0.00	87.92 5.13 0.00	100.92 7.20 -1.36	132.60 8.10 -29.25	135.40 8.73 -25.11	163.47 8.73 -53.21	208.57 10.07 -85.33	236.59 11.59 -91.85	247.03 12.40 -88.76	198.99 11.78 -43.55	148.16 8.83 -24.60	104.38 6.91 -1.46	85.82 4.40 0.00	68.66 3.39 0.00
SWANROAD_115KV_TB1 355699	57.01 -2.31 0.00	50.28 -2.54 0.00	46.28 -3.01 0.00	45.18 -3.72 0.00	45.67 -3.86 0.00	45.68 -3.18 0.00	44.72 -3.73 0.00	45.35 -4.10 0.00	49.46 -4.59 0.00	53.94 -5.86 0.00	59.28 -6.22 0.00	74.18 -8.61 0.00	81.35 -10.99 0.02	85.04 -11.15 -0.93	93.50 -10.26 -2.19	95.32 -10.25 -4.04	104.40 -11.09 -2.32	122.90 -11.98 -1.72	138.09 -14.73 -6.95	134.23 -14.65 -5.23	108.05 -10.55 -3.88	87.24 -9.02 -0.25	73.60 -7.82 0.00	60.50 -4.76 0.00
SYNERGY___BIOGAS 323694	59.79 0.47 0.00	52.66 -0.16 0.00	48.45 -0.84 0.00	47.33 -1.56 0.00	47.95 -1.59 0.00	47.82 -1.03 0.00	47.28 -1.16 0.00	48.31 -1.14 0.00	52.60 -1.46 0.00	57.46 -2.33 0.00	63.40 -2.10 0.00	79.23 -3.56 0.00	85.60 -6.74 0.01	89.53 -6.67 -0.94	98.28 -5.48 -2.20	99.74 -5.48 -3.69	109.18 -6.11 -2.12	128.87 -5.86 -1.57	145.07 -7.15 -6.34	141.39 -7.04 -4.77	113.56 -4.70 -3.54	92.01 -4.22 -0.23	78.57 -2.85 0.00	64.03 -1.24 0.00
SYRACUSE___ENERGY_ST1 323597	59.38 0.06 0.00	52.71 -0.11 0.00	49.04 -0.25 0.00	48.50 -0.39 0.00	49.14 -0.40 0.00	48.75 -0.10 0.00	48.45 0.00 0.00	49.50 0.05 0.00	54.22 0.16 0.00	59.62 -0.18 0.00	65.37 -0.13 0.00	82.54 -0.25 0.00	92.08 -0.28 0.00	96.73 -0.10 -1.57	103.30 0.10 -1.64	101.69 0.20 0.05	113.05 0.11 0.22	133.02 0.40 0.54	146.17 0.29 0.00	143.03 0.14 0.77	114.53 0.11 0.30	96.20 0.19 0.00	80.93 -0.49 0.00	64.94 -0.33 0.00
SYRACUSE___ENERGY_ST2 323598	59.38 0.06 0.00	52.71 -0.11 0.00	49.04 -0.25 0.00	48.50 -0.39 0.00	49.14 -0.40 0.00	48.75 -0.10 0.00	48.45 0.00 0.00	49.50 0.05 0.00	54.22 0.16 0.00	59.62 -0.18 0.00	65.37 -0.13 0.00	82.54 -0.25 0.00	92.08 -0.28 0.00	96.73 -0.10 -1.57	103.30 0.10 -1.64	101.69 0.20 0.05	113.05 0.11 0.22	133.02 0.40 0.54	146.17 0.29 0.00	143.03 0.14 0.77	114.53 0.11 0.30	96.20 0.19 0.00	80.93 -0.49 0.00	64.94 -0.33 0.00
SYRACUSE___POWER 24017	59.20 -0.12 0.00	52.55 -0.26 0.00	48.89 -0.39 0.00	48.36 -0.54 0.00	48.99 -0.54 0.00	48.61 -0.24 0.00	48.30 -0.15 0.00	49.40 -0.05 0.00	54.11 0.05 0.00	59.68 -0.12 0.00	65.50 0.00 0.00	82.70 -0.08 0.00	92.36 0.00 0.00	97.45 0.10 -2.10	103.71 0.41 -1.74	101.89 0.41 0.05	113.38 0.45 0.23	133.40 0.80 0.56	146.75 0.88 0.00	143.56 0.72 0.81	114.98 0.57 0.32	96.49 0.48 0.00	81.18 -0.24 0.00	65.14 -0.13 0.00
TALLMAN_138KV_BK151 55660	61.69 2.37 0.00	55.03 2.22 0.00	51.45 2.17 0.00	50.90 2.00 0.00	51.47 1.93 0.00	51.34 2.49 0.00	51.16 2.71 0.00	52.62 3.16 0.00	57.62 3.57 0.00	63.98 4.19 0.00	69.89 4.39 0.00	88.66 5.88 0.00	102.05 8.22 -1.47	138.78 9.14 -34.37	136.86 9.95 -25.34	170.59 9.95 -59.10	233.70 11.43 -109.11	265.77 13.18 -119.42	265.96 14.00 -106.08	204.04 13.36 -47.03	150.10 9.98 -25.39	105.19 7.68 -1.50	86.30 4.89 0.00	68.99 3.72 0.00
TEALLAVE_115KV_TB7 355573	59.08 -0.24 0.00	52.45 -0.37 0.00	48.79 -0.49 0.00	48.26 -0.64 0.00	48.89 -0.64 0.00	48.51 -0.34 0.00	48.20 -0.24 0.00	49.25 -0.20 0.00	53.95 -0.11 0.00	59.56 -0.24 0.00	65.43 -0.07 0.00	82.62 -0.17 0.00	92.17 -0.18 0.00	96.50 -0.10 -1.34	103.14 0.20 -1.38	101.78 0.30 0.06	113.11 0.23 0.28	132.90 0.40 0.66	146.17 0.29 0.00	142.87 0.14 0.93	114.47 0.11 0.36	96.10 0.10 0.00	80.93 -0.49 0.00	64.94 -0.33 0.00
TELGRAPH_34_KV_EAST 80808	58.25 -1.07 0.00	51.28 -1.53 0.00	47.22 -2.07 0.00	46.11 -2.79 0.00	46.66 -2.87 0.00	46.55 -2.30 0.00	45.88 -2.57 0.00	46.73 -2.72 0.00	50.97 -3.08 0.00	55.67 -4.13 0.00	61.31 -4.19 0.00	76.66 -6.13 0.00	83.94 -8.40 0.01	87.81 -8.38 -0.93	96.35 -7.41 -2.20	98.07 -7.31 -3.85	107.46 -7.92 -2.21	126.55 -8.26 -1.64	142.13 -10.36 -6.61	138.43 -10.20 -4.98	111.31 -7.11 -3.70	90.01 -6.24 -0.24	75.96 -5.46 0.00	62.20 -3.07 0.00
TEMPLE___115KV_TB 2 55572	59.08 -0.24 0.00	52.45 -0.37 0.00	48.79 -0.49 0.00	48.26 -0.64 0.00	48.89 -0.64 0.00	48.51 -0.34 0.00	48.20 -0.24 0.00	49.30 -0.15 0.00	54.00 -0.05 0.00	59.62 -0.18 0.00	65.50 0.00 0.00	82.70 -0.08 0.00	92.26 -0.09 0.00	96.62 0.00 -1.36	103.27 0.30 -1.40	101.89 0.41 0.06	113.23 0.34 0.27	133.05 0.53 0.64	146.31 0.44 0.00	143.04 0.29 0.90	114.60 0.23 0.35	96.20 0.19 0.00	80.93 -0.49 0.00	65.01 -0.26 0.00
TIANA___69_KV_BK 1 55817	63.77 4.45 0.00	56.41 3.59 0.00	52.64 3.35 0.00	51.78 2.88 0.00	52.01 2.48 0.00	51.93 3.08 0.00	51.59 3.15 0.00	53.65 4.20 0.00	59.62 5.57 0.00	66.76 6.94 -0.03	71.59 6.09 0.00	95.04 8.20 -4.06	105.90 12.28 -1.26	171.27 13.43 -62.58	224.48 14.12 -108.80	301.64 12.69 -187.41	367.73 14.94 -239.63	405.00 18.11 -253.73	318.60 19.55 -153.17	250.59 20.26 -86.68	154.35 15.83 -23.80	108.80 11.23 -1.56	86.96 5.54 0.00	70.16 4.90 0.00

TILDEN___115KV_TB1 80814	59.20 -0.12 0.00	52.55 -0.26 0.00	48.89 -0.39 0.00	48.36 -0.54 0.00	48.99 -0.54 0.00	48.61 -0.24 0.00	48.30 -0.15 0.00	49.40 -0.05 0.00	54.11 0.05 0.00	59.68 -0.12 0.00	65.50 0.00 0.00	82.70 -0.08 0.00	92.36 0.00 0.00	97.45 0.10 -2.10	103.71 0.41 -1.74	101.89 0.41 0.05	113.38 0.45 0.23	133.40 0.80 0.56	146.75 0.88 0.00	143.56 0.72 0.81	114.98 0.57 0.32	96.49 0.48 0.00	81.18 -0.24 0.00	65.14 -0.13 0.00
TRIGEN___CC 323695	63.06 3.74 0.00	56.09 3.27 0.00	52.39 3.10 0.00	51.68 2.79 0.00	52.06 2.53 0.00	51.93 3.08 0.00	51.74 3.29 0.00	53.51 4.05 0.00	58.97 4.92 0.00	65.56 5.74 -0.03	70.74 5.24 0.00	109.71 7.20 -19.72	106.82 10.16 -4.30	152.79 11.05 -46.49	212.25 11.98 -98.71	301.44 11.98 -187.93	416.31 13.69 -289.46	478.11 16.11 -328.84	387.36 17.21 -224.27	269.38 16.23 -109.49	153.63 12.39 -26.52	106.69 9.12 -1.56	86.22 4.80 0.00	69.18 3.92 0.00
TRINITY___115KV___4 BK 55933	60.09 0.77 0.00	53.71 0.90 0.00	50.22 0.94 0.00	49.87 0.98 0.00	50.47 0.94 0.00	50.12 1.27 0.00	49.75 1.31 0.00	50.79 1.34 0.00	55.51 1.46 0.00	61.19 1.55 0.16	67.40 1.90 0.00	84.85 2.07 0.00	89.12 3.14 6.37	101.56 3.52 -2.78	112.85 3.86 -7.42	144.32 3.86 -38.93	131.62 4.30 -14.16	142.66 5.06 -4.44	198.45 5.40 -47.17	173.16 4.74 -24.77	119.17 3.56 -0.89	82.75 2.88 16.14	83.37 1.95 0.00	66.96 1.70 0.00
UNION___PROCESSING_DRP 323587	58.96 -0.36 0.00	52.08 -0.74 0.00	48.15 -1.13 0.00	47.23 -1.66 0.00	47.85 -1.68 0.00	47.58 -1.27 0.00	47.23 -1.21 0.00	48.41 -1.04 0.00	52.92 -1.14 0.00	58.12 -1.67 0.00	64.06 -1.44 0.00	80.38 -2.40 0.00	88.74 -3.60 0.01	92.71 -3.52 -0.98	101.59 -2.03 -2.06	99.20 -2.34 0.00	110.45 -2.72 0.00	132.11 -2.40 -1.35	147.81 -3.50 -5.43	144.15 -3.59 -4.09	115.35 -2.41 -3.04	94.00 -2.21 -0.20	78.98 -2.44 0.00	63.96 -1.31 0.00
UPPER HUDSON___HYD 24058	62.46 3.14 0.00	55.66 2.85 0.00	51.90 2.61 0.00	51.43 2.54 0.00	52.06 2.52 0.00	51.68 2.83 0.00	51.30 2.86 0.00	52.52 3.07 0.00	57.24 3.19 0.00	63.69 3.65 -0.25	69.16 3.67 0.00	87.50 4.72 0.00	104.11 5.45 -6.31	132.92 5.33 -32.33	146.78 5.79 -39.43	238.44 6.09 -130.82	190.95 6.68 -71.11	191.80 7.99 -50.65	381.96 9.92 -226.16	370.75 10.20 -216.89	269.60 8.37 -146.51	123.14 6.82 -20.31	86.96 5.54 0.00	69.45 4.18 0.00
UPPER RAQUET___HYD 24056	59.44 0.12 0.00	52.81 0.00 0.00	49.29 0.00 0.00	49.04 0.15 0.00	49.78 0.25 0.00	48.46 -0.39 0.00	48.01 -0.44 0.00	48.91 -0.54 0.00	53.19 -0.87 0.00	58.78 -1.02 0.00	64.12 -1.38 0.00	80.30 -2.48 0.00	88.11 -4.25 0.00	90.11 -5.15 0.00	92.52 -7.21 1.83	92.57 -7.00 1.96	95.81 -7.81 9.54	101.01 -9.32 22.82	136.83 -9.04 0.00	103.42 -8.18 32.06	96.16 -5.97 12.59	91.12 -4.89 0.00	80.04 -1.38 0.00	64.35 -0.91 0.00
VALLEY44_115KV_TB2 355964	57.84 -1.48 0.00	51.07 -1.74 0.00	47.07 -2.22 0.00	45.91 -2.98 0.00	46.46 -3.07 0.00	46.60 -2.25 0.00	46.07 -2.37 0.00	46.63 -2.82 0.00	51.08 -2.97 0.00	55.91 -3.89 0.00	61.50 -4.00 0.00	77.16 -5.63 0.00	86.14 -6.19 0.02	89.54 -6.57 -0.85	96.57 -7.82 -2.83	100.77 -5.79 -5.03	110.17 -5.88 -2.89	129.18 -6.13 -2.15	146.80 -7.73 -8.65	142.99 -7.18 -6.51	114.40 -5.16 -4.84	91.43 -4.90 -0.31	76.70 -4.72 0.00	63.18 -2.09 0.00
VALLEY___115KV_TB 1-4 80826	58.61 -0.71 0.00	52.18 -0.63 0.00	48.69 -0.59 0.00	48.36 -0.54 0.00	49.04 -0.50 0.00	48.56 -0.29 0.00	48.25 -0.19 0.00	49.30 -0.15 0.00	53.95 -0.11 0.00	59.68 -0.12 0.00	65.50 0.00 0.00	82.70 -0.08 0.00	92.35 0.00 0.00	95.26 0.00 0.00	101.42 -0.10 0.04	101.29 -0.20 0.04	112.62 -0.34 0.20	132.15 -0.53 0.48	145.59 -0.29 0.00	142.57 -0.43 0.66	114.23 -0.23 0.26	96.10 0.10 0.00	81.18 -0.24 0.00	65.07 -0.20 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	61.87 2.55 0.00	55.03 2.22 0.00	51.31 2.02 0.00	51.04 2.15 0.00	51.81 2.28 0.00	51.54 2.69 0.00	51.21 2.76 0.00	52.17 2.72 0.00	57.19 3.14 0.00	63.26 3.47 0.00	69.43 3.93 0.00	88.00 5.22 0.00	98.64 6.28 -0.01	110.07 6.86 -7.96	118.02 7.11 -9.35	134.11 7.01 -25.57	139.01 7.58 -18.26	157.14 8.92 -15.06	195.32 9.92 -39.53	184.28 9.19 -31.43	142.56 7.34 -20.50	103.67 6.34 -1.33	85.65 4.23 0.00	68.66 3.39 0.00
VISCHER___FERRY HYD 24020	61.57 2.25 0.00	54.93 2.11 0.00	51.26 1.97 0.00	50.90 2.01 0.00	51.52 1.98 0.00	51.15 2.30 0.00	50.82 2.37 0.00	51.92 2.47 0.00	56.65 2.59 0.00	63.23 2.99 -0.44	68.71 3.21 0.00	86.76 3.97 0.00	109.18 5.17 -11.66	144.77 5.52 -43.99	158.42 6.09 -50.77	244.94 6.09 -137.32	195.83 6.90 -75.76	196.93 8.12 -55.65	422.70 8.90 -267.92	429.23 8.47 -277.11	330.28 6.54 -209.02	146.83 5.37 -45.45	85.25 3.83 0.00	68.47 3.20 0.00
V_A_10_SYNC_DSASP 323832	57.42 -1.90 0.00	50.70 -2.11 0.00	46.77 -2.51 0.00	45.76 -3.13 0.00	46.31 -3.22 0.00	46.21 -2.64 0.00	45.68 -2.76 0.00	46.68 -2.77 0.00	50.97 -3.08 0.00	55.73 -4.07 0.00	61.31 -4.19 0.00	76.82 -5.96 0.00	84.40 -7.94 0.01	88.31 -7.91 -0.95	97.87 -6.40 -2.71	98.42 -6.70 -3.59	107.99 -7.24 -2.06	127.10 -7.59 -1.53	142.27 -9.77 -6.16	138.53 -9.77 -4.64	111.17 -7.00 -3.45	90.18 -6.05 -0.22	75.96 -5.46 0.00	62.00 -3.26 0.00
V_CMM_10_SYNC_DSASP 323787	59.26 -0.06 0.00	52.71 -0.11 0.00	49.24 -0.05 0.00	48.89 0.00 0.00	49.58 0.05 0.00	48.36 -0.49 0.00	47.91 -0.53 0.00	48.86 -0.59 0.00	53.25 -0.81 0.00	58.90 -0.90 0.00	64.45 -1.05 0.00	81.46 -1.33 0.00	90.05 -2.31 0.00	92.30 -2.95 0.00	98.06 -3.76 -0.25	98.15 -3.65 -0.27	110.40 -4.07 -1.30	131.22 -5.06 -3.12	140.77 -5.11 0.00	143.58 -4.45 -4.38	113.23 -3.21 -1.72	93.22 -2.79 0.00	80.61 -0.81 0.00	64.62 -0.65 0.00
V_CMP_10_SYNC_DSASP 323788	58.37 -0.95 0.00	52.08 -0.74 0.00	48.74 -0.54 0.00	48.45 -0.44 0.00	49.19 -0.34 0.00	48.07 -0.78 0.00	47.72 -0.73 0.00	48.76 -0.69 0.00	53.19 -0.87 0.00	58.54 -1.26 0.00	64.19 -1.31 0.00	81.21 -1.58 0.00	89.77 -2.59 0.00	91.92 -3.34 0.00	97.50 -4.07 0.00	97.78 -3.75 0.00	108.98 -4.18 0.00	128.10 -5.06 0.00	141.07 -4.81 0.00	139.78 -3.87 0.00	111.97 -2.75 0.00	93.32 -2.69 0.00	80.53 -0.89 0.00	64.62 -0.65 0.00
V_D_10_SYNC_DSASP 323841	59.62 0.30 0.00	53.03 0.21 0.00	49.48 0.20 0.00	49.19 0.30 0.00	49.88 0.35 0.00	48.56 -0.29 0.00	48.11 -0.34 0.00	49.05 -0.40 0.00	53.41 -0.65 0.00	59.08 -0.71 0.00	64.58 -0.92 0.00	81.55 -1.24 0.00	90.05 -2.31 0.00	92.21 -3.05 0.00	97.31 -4.67 -0.41	97.51 -4.47 -0.44	110.23 -5.09 -2.15	132.06 -6.26 -5.15	139.61 -6.27 0.00	145.44 -5.46 -7.24	113.54 -4.02 -2.84	92.65 -3.36 0.00	80.85 -0.57 0.00	64.81 -0.45 0.00
V_E_10_SYNC_DSASP 323830	64.96 5.64 0.00	57.51 4.70 0.00	53.47 4.19 0.00	53.20 4.30 0.00	54.09 4.55 0.00	54.08 5.23 0.00	54.11 5.67 0.00	55.23 5.78 0.00	60.43 6.38 0.00	66.43 6.64 0.00	72.90 7.40 0.00	92.55 9.76 0.00	103.19 10.80 -0.04	115.17 11.33 -8.58	119.61 12.08 -5.97	128.28 12.28 -14.47	129.52 9.61 -6.74	150.51 12.51 -4.84	180.53 15.17 -19.49	174.79 14.94 -16.19	137.66 12.04 -10.90	106.99 10.28 -0.71	88.66 7.24 0.00	71.14 5.88 0.00

V_F_30_NSYNC___DSASP 323816	62.46 3.14 0.00	55.66 2.85 0.00	51.94 2.66 0.00	51.53 2.64 0.00	52.16 2.62 0.00	51.73 2.88 0.00	51.40 2.96 0.00	52.52 3.07 0.00	57.24 3.19 0.00	63.66 3.59 -0.27	69.36 3.86 0.00	87.67 4.88 0.00	105.27 5.92 -7.00	135.19 6.10 -33.83	149.05 6.60 -40.89	240.07 6.80 -131.73	192.49 7.58 -71.74	193.53 9.06 -51.31	387.88 10.21 -231.79	378.66 10.05 -224.95	277.70 8.15 -154.83	126.26 6.62 -23.63	86.64 5.22 0.00	69.38 4.11 0.00
V_F_30_SYNC_DSASP 323786	60.39 1.07 0.00	53.92 1.11 0.00	50.42 1.13 0.00	50.07 1.17 0.00	50.67 1.14 0.00	50.32 1.47 0.00	49.95 1.50 0.00	51.03 1.58 0.00	55.73 1.68 0.00	61.75 1.85 -0.10	67.79 2.29 0.00	85.35 2.57 0.00	97.41 3.60 -1.46	119.92 3.91 -20.76	132.21 4.37 -26.28	186.77 4.37 -80.87	158.65 4.87 -40.62	165.30 5.59 -26.54	252.13 5.98 -100.27	224.68 5.46 -75.57	146.50 4.13 -27.65	86.24 3.36 13.13	83.78 2.36 0.00	67.29 2.02 0.00
V_XM_10_SYNC_DSASP 323789	58.37 -0.95 0.00	52.08 -0.74 0.00	48.74 -0.54 0.00	48.45 -0.44 0.00	49.19 -0.34 0.00	48.07 -0.78 0.00	47.72 -0.73 0.00	48.76 -0.69 0.00	53.19 -0.87 0.00	58.54 -1.26 0.00	64.19 -1.31 0.00	81.21 -1.58 0.00	89.77 -2.59 0.00	91.92 -3.34 0.00	97.50 -4.07 0.00	97.78 -3.75 0.00	108.98 -4.18 0.00	128.10 -5.06 0.00	141.07 -4.81 0.00	139.78 -3.87 0.00	111.97 -2.75 0.00	93.32 -2.69 0.00	80.53 -0.89 0.00	64.62 -0.65 0.00
W.BABYLN_69_KV_BK1 56697	64.42 5.10 0.00	57.09 4.28 0.00	53.28 3.99 0.00	52.46 3.57 0.00	52.75 3.22 0.00	52.66 3.81 0.00	52.42 3.97 0.00	54.44 4.99 0.00	60.16 6.11 0.00	67.18 7.35 -0.03	71.73 6.22 -0.01	99.75 8.36 -8.61	105.90 11.73 -1.82	152.27 12.76 -44.25	209.88 13.81 -94.51	302.64 13.61 -187.50	377.15 15.73 -248.26	418.74 18.78 -266.80	331.71 20.28 -165.55	227.14 19.54 -63.95	154.01 15.03 -24.26	108.32 10.75 -1.56	87.21 5.78 -0.01	70.16 4.90 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	61.87 2.55 0.00	55.19 2.38 0.00	51.60 2.32 0.00	51.04 2.15 0.00	51.61 2.08 0.00	51.44 2.59 0.00	51.26 2.81 0.00	52.71 3.26 0.00	57.78 3.73 0.00	64.19 4.37 -0.02	70.08 4.58 0.00	88.91 6.13 0.00	102.36 8.50 -1.51	140.81 9.53 -36.03	133.97 10.26 -22.15	167.82 10.36 -55.92	238.78 11.77 -113.85	272.11 13.72 -125.24	271.65 14.44 -111.33	205.56 13.79 -48.12	150.67 10.32 -25.63	105.49 7.97 -1.52	86.55 5.13 0.00	69.18 3.92 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	62.29 2.97 0.00	55.67 2.85 0.00	52.09 2.81 0.00	51.53 2.64 0.00	52.06 2.53 0.00	51.93 3.08 0.00	51.84 3.39 0.00	53.51 4.05 0.00	58.54 4.49 0.00	65.09 5.26 -0.03	70.93 5.44 0.00	90.07 7.29 0.00	104.05 10.07 -1.63	152.39 10.95 -46.18	211.70 11.68 -98.46	300.47 11.78 -187.16	361.37 13.24 -234.96	407.21 15.45 -258.60	317.40 16.48 -155.04	213.43 15.66 -54.12	153.06 11.82 -26.52	106.59 9.02 -1.56	87.28 5.86 0.00	69.77 4.50 0.00
W50THST__13_KV_LOAD 356117	62.58 3.26 0.00	55.98 3.17 0.00	52.34 3.06 0.00	51.83 2.93 0.00	52.36 2.82 0.00	52.22 3.37 0.00	52.18 3.73 0.00	53.85 4.40 0.00	58.97 4.92 0.00	65.56 5.74 -0.03	71.46 5.96 0.00	90.82 8.03 0.00	104.79 10.81 -1.63	153.25 11.81 -46.18	212.62 12.59 -98.46	301.29 12.59 -187.16	362.39 14.26 -234.96	408.27 16.51 -258.60	318.42 17.51 -155.04	214.44 16.66 -54.12	153.74 12.50 -26.52	107.27 9.70 -1.56	87.77 6.35 0.00	70.16 4.90 0.00
WADING RIVER_IC_1 23522	63.30 3.97 -0.01	56.30 3.48 0.00	52.59 3.30 0.00	51.73 2.83 0.00	51.96 2.43 0.00	51.83 2.98 0.00	51.69 3.25 0.00	53.80 4.35 0.00	59.14 5.08 -0.01	66.23 6.40 -0.04	70.55 5.04 0.00	93.26 6.46 -4.01	103.95 10.34 -1.26	168.66 11.33 -62.07	221.93 11.98 -108.39	299.10 10.15 -187.41	364.86 12.11 -239.59	401.75 14.91 -253.68	315.03 16.05 -153.11	246.75 17.38 -85.72	152.16 13.65 -23.79	106.98 9.41 -1.56	85.65 4.23 0.00	69.05 3.78 0.00
WADING RIVER_IC_2 23547	63.30 3.97 -0.01	56.30 3.48 0.00	52.59 3.30 0.00	51.73 2.83 0.00	51.96 2.43 0.00	51.83 2.98 0.00	51.69 3.25 0.00	53.80 4.35 0.00	59.14 5.08 -0.01	66.23 6.40 -0.04	70.55 5.04 0.00	93.26 6.46 -4.01	103.95 10.34 -1.26	168.66 11.33 -62.07	221.93 11.98 -108.39	299.10 10.15 -187.41	364.86 12.11 -239.59	401.75 14.91 -253.68	315.03 16.05 -153.11	246.75 17.38 -85.72	152.16 13.65 -23.79	106.98 9.41 -1.56	85.65 4.23 0.00	69.05 3.78 0.00
WADING RIVER_IC_3 23601	63.30 3.97 -0.01	56.30 3.48 0.00	52.59 3.30 0.00	51.73 2.83 0.00	51.96 2.43 0.00	51.83 2.98 0.00	51.69 3.25 0.00	53.80 4.35 0.00	59.14 5.08 -0.01	66.23 6.40 -0.04	70.55 5.04 0.00	93.26 6.46 -4.01	103.95 10.34 -1.26	168.66 11.33 -62.07	221.93 11.98 -108.39	299.10 10.15 -187.41	364.86 12.11 -239.59	401.75 14.91 -253.68	315.03 16.05 -153.11	246.75 17.38 -85.72	152.16 13.65 -23.79	106.98 9.41 -1.56	85.65 4.23 0.00	69.05 3.78 0.00
WALDENNY_12_KV_BK2 80841	58.25 -1.07 0.00	51.34 -1.48 0.00	47.26 -2.02 0.00	46.11 -2.79 0.00	46.61 -2.92 0.00	46.65 -2.20 0.00	46.02 -2.42 0.00	46.83 -2.62 0.00	51.19 -2.86 0.00	55.97 -3.83 0.00	61.63 -3.86 0.00	77.24 -5.55 0.00	85.22 -7.11 0.02	89.01 -7.14 -0.90	97.25 -6.70 -2.39	99.96 -5.99 -4.41	109.36 -6.34 -2.54	128.52 -6.52 -1.88	145.00 -8.46 -7.59	141.03 -8.33 -5.71	113.34 -5.62 -4.24	91.00 -5.28 -0.27	76.53 -4.89 0.00	62.92 -2.35 0.00
WALDEN___HYDRO 24148	61.75 2.43 0.00	55.09 2.27 0.00	51.45 2.17 0.00	50.95 2.05 0.00	51.52 1.98 0.00	51.34 2.49 0.00	51.11 2.66 0.00	52.47 3.02 0.00	57.46 3.41 0.00	63.80 4.01 0.00	69.69 4.19 0.00	88.33 5.55 0.00	101.24 7.76 -1.12	124.81 8.67 -20.89	132.09 9.34 -21.19	147.85 9.44 -36.88	161.68 10.86 -37.65	182.25 12.65 -36.44	219.16 13.42 -59.86	196.95 12.93 -40.37	149.87 9.75 -25.40	105.23 7.68 -1.54	86.39 4.97 0.00	69.05 3.79 0.00
WARRENSBURG____ 23737	62.46 3.14 0.00	55.67 2.85 0.00	51.90 2.61 0.00	51.44 2.54 0.00	52.06 2.53 0.00	51.68 2.83 0.00	51.30 2.86 0.00	52.47 3.02 0.00	57.24 3.19 0.00	63.63 3.59 -0.25	69.23 3.73 0.00	87.59 4.80 0.00	104.11 5.45 -6.31	132.92 5.33 -32.33	146.78 5.79 -39.43	238.44 6.09 -130.82	190.97 6.68 -71.13	191.81 7.99 -50.65	381.97 9.92 -226.17	370.76 10.20 -216.91	269.61 8.37 -146.51	123.14 6.82 -20.31	86.96 5.54 0.00	69.44 4.18 0.00
WATERSIDE___6 8 9 23538	62.17 2.85 0.00	55.83 3.01 0.00	52.29 3.01 0.00	51.73 2.84 0.00	52.26 2.72 0.00	52.07 3.22 0.00	52.03 3.58 0.00	53.46 4.01 0.00	58.38 4.32 0.00	64.43 4.60 -0.03	70.21 4.72 0.00	89.24 6.46 0.00	103.22 9.24 -1.63	151.47 9.91 -46.30	210.79 10.66 -98.56	299.67 10.66 -187.47	360.98 12.11 -235.71	406.73 14.12 -259.46	258.37 15.03 -97.47	208.79 14.22 -50.91	151.14 10.78 -25.63	105.73 8.16 -1.56	86.63 5.21 0.00	69.12 3.85 0.00
WATKINRD_115KV_LN8_ILLION 55919	58.85 -0.47 0.00	52.39 -0.42 0.00	48.89 -0.39 0.00	48.55 -0.34 0.00	49.24 -0.30 0.00	48.75 -0.10 0.00	48.40 -0.05 0.00	49.40 -0.05 0.00	54.06 0.00 0.00	59.80 0.00 0.00	65.56 0.07 0.00	82.87 0.08 0.00	92.54 0.18 0.00	95.45 0.19 0.00	101.73 0.20 0.04	101.70 0.20 0.04	113.08 0.11 0.20	132.81 0.13 0.48	146.17 0.29 0.00	143.14 0.14 0.66	114.58 0.11 0.26	96.30 0.29 0.00	81.34 -0.08 0.00	65.20 -0.07 0.00

WDELAWARE___HYD 323627	61.70 2.38 0.00	54.93 2.11 0.00	51.31 2.02 0.00	50.75 1.86 0.00	51.37 1.83 0.00	51.15 2.30 0.00	51.01 2.57 0.00	52.37 2.92 0.00	57.19 3.13 0.00	63.51 3.71 0.00	69.43 3.93 0.00	88.00 5.22 0.00	99.56 7.21 0.00	120.16 8.19 -16.71	127.78 8.94 -17.28	140.87 9.03 -30.30	153.77 10.53 -30.08	174.35 12.51 -28.68	210.85 13.71 -51.26	191.94 13.07 -35.21	147.92 9.87 -23.33	105.20 7.68 -1.51	86.39 4.97 0.00	69.05 3.78 0.00
WEST BABYLON___IC 23714	64.42 5.10 0.00	57.09 4.28 0.00	53.28 3.99 0.00	52.46 3.57 0.00	52.75 3.22 0.00	52.66 3.81 0.00	52.42 3.97 0.00	54.44 4.99 0.00	60.16 6.11 0.00	67.18 7.35 -0.03	71.73 6.22 -0.01	99.75 8.36 -8.61	105.90 11.73 -1.82	152.27 12.76 -44.25	209.88 13.81 -94.51	302.64 13.61 -187.50	377.15 15.73 -248.26	418.74 18.78 -266.80	331.71 20.28 -165.55	227.14 19.54 -63.95	154.01 15.03 -24.26	108.32 10.75 -1.56	87.21 5.78 -0.01	70.16 4.90 0.00
WEST CANADA___HYD 24049	59.44 0.12 0.00	52.92 0.11 0.00	49.43 0.15 0.00	49.04 0.15 0.00	49.73 0.20 0.00	49.15 0.29 0.00	48.79 0.34 0.00	49.80 0.35 0.00	54.44 0.38 0.00	60.27 0.48 0.00	66.02 0.52 0.00	83.44 0.66 0.00	93.28 0.92 0.00	96.31 1.05 0.00	102.64 1.12 0.04	102.61 1.12 0.04	114.09 1.13 0.20	134.02 1.33 0.47	147.34 1.46 0.00	144.29 1.29 0.66	115.49 1.03 0.26	96.97 0.96 0.00	81.91 0.49 0.00	65.73 0.46 0.00
WESTERN_NY_WIND 24143	59.68 0.36 0.00	52.55 -0.26 0.00	48.40 -0.89 0.00	47.23 -1.66 0.00	47.85 -1.68 0.00	47.73 -1.12 0.00	47.14 -1.31 0.00	48.21 -1.24 0.00	52.49 -1.57 0.00	57.34 -2.45 0.00	63.21 -2.29 0.00	79.06 -3.73 0.00	85.51 -6.83 0.01	89.44 -6.76 -0.94	98.28 -5.48 -2.20	99.69 -5.58 -3.74	109.20 -6.11 -2.15	128.90 -5.86 -1.59	145.01 -7.29 -6.42	141.45 -7.04 -4.84	113.49 -4.82 -3.59	91.92 -4.32 -0.23	78.41 -3.01 0.00	63.90 -1.37 0.00
WESTOVER___LESR 323668	59.74 0.42 0.00	53.03 0.21 0.00	49.29 0.00 0.00	48.70 -0.20 0.00	49.34 -0.20 0.00	49.10 0.24 0.00	48.74 0.29 0.00	49.60 0.15 0.00	54.27 0.22 0.00	59.86 0.06 0.00	65.69 0.20 0.00	82.87 0.08 0.00	92.62 0.28 0.01	99.57 0.48 -3.83	107.77 0.71 -5.49	111.50 0.91 -9.05	119.73 1.36 -5.20	139.13 2.00 -3.97	163.77 1.90 -15.99	158.48 1.87 -12.96	125.27 1.61 -8.94	97.84 1.25 -0.58	81.75 0.33 0.00	65.92 0.65 0.00
WETHRSFD_WT_PWR 323626	57.66 -1.66 0.00	50.70 -2.11 0.00	46.87 -2.41 0.00	45.81 -3.08 0.00	46.26 -3.27 0.00	46.31 -2.54 0.00	45.54 -2.91 0.00	45.89 -3.56 0.00	50.70 -3.35 0.00	55.43 -4.36 0.00	60.98 -4.52 0.00	76.75 -6.04 0.00	84.66 -7.66 0.02	88.36 -7.53 -0.63	97.32 -7.11 -2.87	100.07 -6.50 -5.04	109.45 -6.68 -2.97	129.16 -6.12 -2.13	146.85 -6.89 -8.57	143.21 -6.45 -6.45	115.03 -4.48 -4.79	92.19 -4.13 -0.31	77.43 -3.99 0.00	63.44 -1.83 0.00
WHAVSTOR_138KV_BK127 55557	61.57 2.25 0.00	54.98 2.17 0.00	51.40 2.12 0.00	50.85 1.96 0.00	51.42 1.88 0.00	51.29 2.44 0.00	51.06 2.62 0.00	52.52 3.07 0.00	57.51 3.46 0.00	63.95 4.13 -0.03	69.76 4.26 0.00	88.50 5.71 0.00	101.90 8.03 -1.51	140.59 8.95 -36.38	132.66 9.65 -21.45	166.50 9.75 -55.21	239.09 11.09 -114.84	272.53 12.92 -126.45	272.04 13.71 -112.45	204.94 12.93 -48.35	150.15 9.75 -25.68	105.02 7.49 -1.52	86.14 4.72 0.00	68.86 3.59 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	61.57 2.25 0.00	54.98 2.17 0.00	51.40 2.12 0.00	50.85 1.96 0.00	51.42 1.88 0.00	51.29 2.44 0.00	51.06 2.62 0.00	52.52 3.07 0.00	57.51 3.46 0.00	63.95 4.13 -0.03	69.76 4.26 0.00	88.50 5.71 0.00	101.90 8.03 -1.51	140.59 8.95 -36.38	132.66 9.65 -21.45	166.50 9.75 -55.21	239.09 11.09 -114.84	272.53 12.92 -126.45	272.04 13.71 -112.45	204.94 12.93 -48.35	150.15 9.75 -25.68	105.02 7.49 -1.52	86.14 4.72 0.00	68.86 3.59 0.00
WHITEHAL_115KV_TB1 80871	63.83 4.51 0.00	56.83 4.01 0.00	52.93 3.65 0.00	52.41 3.52 0.00	53.05 3.52 0.00	52.71 3.86 0.00	52.32 3.88 0.00	53.46 4.01 0.00	58.27 4.22 0.00	64.78 4.72 -0.26	70.54 5.04 0.00	89.33 6.54 0.00	106.24 7.30 -6.59	135.35 7.14 -32.95	149.21 7.62 -40.04	240.75 8.02 -131.19	193.38 8.83 -71.39	194.74 10.65 -50.93	387.37 12.98 -228.51	377.41 13.50 -220.26	275.70 11.01 -149.97	126.63 8.93 -21.69	88.91 7.49 0.00	70.95 5.68 0.00
WHITEPLN_13_KV_LOAD 356215	62.70 3.38 0.00	55.98 3.17 0.00	52.24 2.96 0.00	51.73 2.84 0.00	52.31 2.77 0.00	52.17 3.32 0.00	52.08 3.63 0.00	53.60 4.15 0.00	58.81 4.76 0.00	65.50 5.68 -0.03	71.46 5.96 0.00	90.82 8.03 0.00	104.60 10.62 -1.63	151.58 12.10 -44.23	212.07 13.51 -97.00	297.95 13.91 -182.50	352.48 15.84 -223.47	397.13 18.64 -245.33	313.45 19.55 -148.02	215.05 18.24 -53.15	154.97 13.77 -26.48	107.94 10.37 -1.56	87.93 6.51 0.00	70.29 5.03 0.00
WM_FLOYD_69_KV_BK2 356380	63.59 4.27 0.00	56.25 3.43 0.00	52.54 3.25 0.00	51.68 2.79 0.00	51.91 2.38 0.00	51.83 2.98 0.00	51.59 3.15 0.00	53.65 4.20 0.00	59.46 5.41 0.00	66.40 6.58 -0.03	71.00 5.50 0.00	94.25 7.20 -4.26	104.71 11.08 -1.27	172.50 12.10 -65.14	225.24 12.80 -110.88	300.62 11.68 -187.41	366.61 13.69 -239.76	403.73 16.65 -253.93	317.32 18.09 -153.36	253.49 18.53 -91.30	152.99 14.45 -23.81	107.84 10.27 -1.56	86.31 4.89 0.00	69.64 4.37 0.00
WOODARD___115KV_TB2 355635	58.96 -0.36 0.00	52.34 -0.48 0.00	48.69 -0.59 0.00	48.21 -0.68 0.00	48.84 -0.69 0.00	48.41 -0.44 0.00	48.11 -0.34 0.00	49.20 -0.25 0.00	53.84 -0.22 0.00	59.44 -0.36 0.00	65.30 -0.20 0.00	82.45 -0.33 0.00	91.98 -0.37 0.00	96.35 -0.29 -1.38	102.99 0.00 -1.42	101.48 0.00 0.05	112.90 0.00 0.26	132.67 0.13 0.63	145.88 0.00 0.00	142.63 -0.14 0.88	114.26 -0.11 0.35	95.91 -0.10 0.00	80.77 -0.65 0.00	64.81 -0.46 0.00
WOODMERE_69_KV_BK1 55827	64.07 4.75 0.00	56.93 4.12 0.00	53.13 3.84 0.00	52.41 3.52 0.00	52.75 3.22 0.00	52.66 3.81 0.00	52.37 3.92 0.00	54.20 4.75 0.00	59.78 5.73 0.00	66.58 6.76 -0.03	72.11 6.62 0.00	137.95 9.19 -45.98	113.49 12.38 -8.76	158.61 13.43 -49.92	220.94 14.22 -105.16	304.43 14.32 -188.58	476.73 16.41 -347.16	572.22 19.44 -419.61	476.69 20.86 -309.96	355.94 19.82 -192.46	160.09 15.37 -30.00	109.00 11.43 -1.56	87.93 6.51 0.00	70.49 5.22 0.00
YORK___WARBASSE 23770	62.40 3.08 0.00	55.98 3.17 0.00	52.49 3.20 0.00	51.97 3.08 0.00	52.41 2.87 0.00	52.22 3.37 0.00	52.13 3.68 0.00	53.46 4.01 0.00	58.38 4.32 0.00	64.61 4.78 -0.03	70.48 4.98 0.00	89.57 6.79 0.00	103.59 9.60 -1.63	151.56 10.00 -46.30	210.89 10.77 -98.56	299.67 10.66 -187.47	360.98 12.11 -235.71	406.73 14.12 -259.46	258.37 15.03 -97.47	208.79 14.22 -50.91	151.25 10.90 -25.63	106.02 8.45 -1.56	87.04 5.62 0.00	69.51 4.24 0.00