

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

07/30/2025

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	75.93	66.11	61.96	55.19	55.06	60.06	62.42	64.01	66.33	70.31	72.73	90.29	103.63	123.49	171.60	276.59	337.05	384.55	341.36	284.64	200.48	108.81	86.85	72.55
24138	2.50	3.45	3.78	3.71	3.26	3.24	4.08	4.69	5.14	5.75	5.94	7.30	10.68	13.45	16.72	18.86	23.69	31.09	34.54	27.13	18.32	8.85	5.22	3.39
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.77	-0.72	-23.26	-111.55	-128.31	-110.56	-25.98	-25.63	-22.88	-0.47	0.00	0.00
74TH STREET_GT_1	76.00	66.11	61.96	55.19	55.06	60.01	62.37	63.89	66.15	70.12	72.60	90.13	104.21	124.86	171.10	276.34	337.21	384.24	341.36	284.41	200.32	108.81	86.85	72.69
24260	2.57	3.45	3.78	3.71	3.26	3.18	4.03	4.57	4.96	5.55	5.81	7.14	10.50	13.23	16.19	18.42	23.50	30.36	34.54	26.90	18.16	8.85	5.22	3.53
	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	-2.31	-23.29	-111.74	-128.66	-110.97	-25.98	-25.63	-22.89	-0.47	0.00	0.00
74TH STREET_GT_2	76.00	66.11	61.96	55.19	55.06	60.01	62.37	63.89	66.15	70.12	72.60	90.13	104.21	124.86	171.10	276.34	337.21	384.24	341.36	284.41	200.32	108.81	86.85	72.69
24261	2.57	3.45	3.78	3.71	3.26	3.18	4.03	4.57	4.96	5.55	5.81	7.14	10.50	13.23	16.19	18.42	23.50	30.36	34.54	26.90	18.16	8.85	5.22	3.53
	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	-2.31	-23.29	-111.74	-128.66	-110.97	-25.98	-25.63	-22.89	-0.47	0.00	0.00
ADK HUDSON___FALLS	77.32	66.24	61.67	54.62	54.75	59.95	62.07	63.12	64.86	67.86	69.66	86.72	98.78	115.87	139.31	171.69	215.81	280.49	411.44	357.65	268.07	113.39	87.50	73.10
24011	3.89	3.57	3.49	3.14	2.95	3.13	3.73	3.80	3.67	3.29	2.87	3.73	5.06	6.45	7.90	10.38	13.88	18.46	23.31	19.94	14.34	9.15	5.88	3.94
	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	-0.10	0.21	-15.13	-16.88	-19.13	-107.29	-105.82	-94.45	-4.75	0.00	0.00
ADK RESOURCE___RCVRY	77.84	66.62	62.01	54.82	55.01	60.29	62.48	63.48	65.23	68.18	69.99	87.05	99.06	116.32	139.97	172.00	216.43	281.39	412.68	358.79	268.89	114.31	88.16	73.59
23798	4.41	3.95	3.84	3.34	3.21	3.47	4.14	4.15	4.04	3.61	3.21	4.07	5.34	6.89	8.55	11.10	14.98	19.92	25.29	21.79	15.62	10.04	6.53	4.43
	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	-0.10	0.21	-14.72	-16.39	-18.56	-106.55	-105.12	-93.99	-4.77	0.00	0.00
ADK S GLENS___FALLS	77.32	66.24	61.67	54.62	54.75	59.95	62.07	63.12	64.86	67.86	69.66	86.72	98.78	115.87	139.31	171.69	215.81	280.49	411.44	357.65	268.07	113.39	87.50	73.10
24028	3.89	3.57	3.49	3.14	2.95	3.13	3.73	3.80	3.67	3.29	2.87	3.73	5.06	6.45	7.90	10.38	13.88	18.46	23.31	19.94	14.34	9.15	5.88	3.94
	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	-0.10	0.21	-15.13	-16.88	-19.13	-107.29	-105.82	-94.45	-4.75	0.00	0.00
ADK_NYS___DAM	75.78	65.36	61.08	54.15	54.33	59.38	61.37	62.70	64.43	67.73	69.72	86.56	98.87	116.89	140.19	179.60	224.85	290.42	413.88	358.57	264.83	109.52	85.62	71.86
23527	2.35	2.69	2.91	2.68	2.54	2.56	3.03	3.38	3.24	3.16	2.94	3.57	5.15	7.44	8.82	10.67	14.06	18.23	21.33	17.16	11.79	6.67	4.00	2.69
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.12	0.26	-22.76	-25.74	-29.28	-111.70	-109.53	-93.76	-3.37	0.00	0.00
AIR_PRODUCTS___DRP	72.92	62.79	58.70	52.30	52.42	57.05	58.92	60.04	61.74	64.95	67.05	83.32	94.93	111.62	134.03	108.79	139.39	190.10	231.22	183.72	131.62	103.79	82.03	68.88
24190	-0.51	0.13	0.52	0.82	0.62	0.23	0.58	0.71	0.55	0.39	0.27	0.33	1.22	2.19	2.63	3.65	5.37	6.80	7.58	5.57	3.66	1.79	0.41	-0.28
	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	-0.10	0.23	41.04	51.03	59.61	57.20	53.73	31.32	-2.51	0.00	0.00
AKWESSNE_115KV_BK	74.02	63.04	58.18	51.32	51.90	57.22	58.16	59.03	60.64	63.92	65.99	81.83	90.72	104.84	125.84	139.75	177.47	233.43	269.60	222.84	153.07	96.40	80.81	69.44
355683	0.59	0.38	0.00	-0.15	0.10	0.40	-0.18	-0.30	-0.55	-0.65	-0.80	-1.16	-3.00	-4.48	-5.79	-6.43	-7.59	-9.47	-11.23	-9.04	-6.21	-3.08	-0.82	0.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	73.50	63.23	59.05	52.41	52.57	57.39	59.16	59.86	61.25	64.18	66.18	82.09	90.16	108.26	124.30	108.48	131.00	165.78	192.95	156.90	127.96	99.35	82.36	69.30
323833	0.07	0.56	0.87	0.93	0.78	0.57	0.82	0.53	0.06	-0.39	-0.60	-0.75	-0.19	0.66	0.93	1.90	3.33	4.86	6.73	5.56	3.98	2.29	0.73	0.14
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	3.37	1.73	8.25	39.59	57.38	81.98	94.62	80.54	35.31	2.42	0.00	0.00
ALBANY_2_SOLAR	73.50	63.17	58.99	52.41	52.57	57.33	59.16	59.86	61.25	64.18	66.12	82.01	90.07	108.26	124.30	108.55	131.09	165.88	192.86	157.06	128.07	99.25	82.28	69.30
323834	0.07	0.50	0.81	0.93	0.78	0.51	0.82	0.53	0.06	-0.39	-0.67	-0.83	-0.28	0.66	0.93	1.90	3.33	4.86	6.46	5.56	3.98	2.19	0.65	0.14
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	3.37	1.73	8.25	39.53	57.30	81.88	94.44	80.38	35.19	2.42	0.00	0.00
ALBANY___1	72.92	62.79	58.70	52.30	52.42	57.05	58.92	60.04	61.74	64.95	67.05	83.32	94.93	111.62	134.03	108.79	139.39	190.10	231.22	183.72	131.62	103.79	82.03	68.88
23571	-0.51	0.13	0.52	0.82	0.62	0.23	0.58	0.71	0.55	0.39	0.27	0.33	1.22	2.19	2.63	3.65	5.37	6.80	7.58	5.57	3.66	1.79	0.41	-0.28
	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	-0.10	0.23	41.04	51.03	59.61	57.20	53.73	31.32	-2.51	0.00	0.00

ALBANY___2 23572	72.92 -0.51 0.00	62.79 0.13 0.00	58.70 0.52 0.00	52.30 0.82 0.00	52.42 0.62 0.00	57.05 0.23 0.00	58.92 0.58 0.00	60.04 0.71 0.00	61.74 0.55 0.00	64.95 0.39 0.00	67.05 0.27 0.00	83.32 0.33 0.00	94.93 1.22 0.00	111.62 2.19 -0.10	134.03 2.63 0.23	108.79 3.65 41.04	139.39 5.37 51.03	190.10 6.80 59.61	231.22 7.58 57.20	183.72 5.57 53.73	131.62 3.66 31.32	103.79 1.79 -2.51	82.03 0.41 0.00	68.88 -0.28 0.00
ALBANY___3 23573	72.92 -0.51 0.00	62.79 0.13 0.00	58.70 0.52 0.00	52.30 0.82 0.00	52.42 0.62 0.00	57.05 0.23 0.00	58.92 0.58 0.00	60.04 0.71 0.00	61.74 0.55 0.00	64.95 0.39 0.00	67.05 0.27 0.00	83.32 0.33 0.00	94.93 1.22 0.00	111.62 2.19 -0.10	134.03 2.63 0.23	108.79 3.65 41.04	139.39 5.37 51.03	190.10 6.80 59.61	231.22 7.58 57.20	183.72 5.57 53.73	131.62 3.66 31.32	103.79 1.79 -2.51	82.03 0.41 0.00	68.88 -0.28 0.00
ALBANY___4 23574	72.92 -0.51 0.00	62.79 0.13 0.00	58.70 0.52 0.00	52.30 0.82 0.00	52.42 0.62 0.00	57.05 0.23 0.00	58.92 0.58 0.00	60.04 0.71 0.00	61.74 0.55 0.00	64.95 0.39 0.00	67.05 0.27 0.00	83.32 0.33 0.00	94.93 1.22 0.00	111.62 2.19 -0.10	134.03 2.63 0.23	108.79 3.65 41.04	139.39 5.37 51.03	190.10 6.80 59.61	231.22 7.58 57.20	183.72 5.57 53.73	131.62 3.66 31.32	103.79 1.79 -2.51	82.03 0.41 0.00	68.88 -0.28 0.00
ALBANY___LFGE 323615	73.87 0.44 0.00	63.61 0.94 0.00	59.40 1.22 0.00	52.77 1.29 0.00	52.99 1.19 0.00	57.73 0.91 0.00	59.68 1.34 0.00	60.81 1.48 0.00	62.54 1.34 0.00	65.79 1.22 0.00	67.92 1.13 0.00	84.40 1.41 0.00	96.06 2.34 0.00	113.15 3.72 -0.10	135.88 4.48 0.22	153.79 5.70 -1.91	193.85 7.95 -0.85	253.39 9.96 -0.52	349.44 11.52 -57.09	297.69 9.03 -56.77	218.75 5.90 -53.57	105.94 3.28 -3.17	83.17 1.55 0.00	69.85 0.69 0.00
ALCOA_PA_115KV_PL-6C 55860	74.31 0.88 0.00	63.29 0.63 0.00	58.41 0.23 0.00	51.53 0.05 0.00	52.16 0.36 0.00	57.56 0.74 0.00	58.51 0.18 0.00	59.32 0.00 0.00	60.82 -0.37 0.00	64.11 -0.45 0.00	66.12 -0.67 0.00	81.83 -1.16 0.00	90.62 -3.09 0.00	103.97 -5.36 0.00	124.65 -6.98 0.00	138.43 -7.75 0.00	175.80 -9.25 0.00	231.25 -11.66 0.00	267.36 -13.48 0.00	221.22 -10.67 0.00	151.95 -7.33 0.00	95.91 -3.58 0.00	81.22 -0.41 0.00	69.78 0.62 0.00
ALCOA_RYNLDS___DRP 24188	74.31 0.88 0.00	63.29 0.63 0.00	58.41 0.23 0.00	51.53 0.05 0.00	52.16 0.36 0.00	57.56 0.74 0.00	58.51 0.18 0.00	59.32 0.00 0.00	60.82 -0.37 0.00	64.11 -0.45 0.00	66.12 -0.67 0.00	81.83 -1.16 0.00	90.62 -3.09 0.00	103.97 -5.36 0.00	124.65 -6.98 0.00	138.43 -7.75 0.00	175.80 -9.25 0.00	231.25 -11.66 0.00	267.36 -13.48 0.00	221.22 -10.67 0.00	151.95 -7.33 0.00	95.91 -3.58 0.00	81.22 -0.41 0.00	69.78 0.62 0.00
ALCOA___DSASP 323711	74.32 0.88 0.00	63.29 0.63 0.00	58.41 0.23 0.00	51.53 0.05 0.00	52.16 0.37 0.00	57.56 0.74 0.00	58.52 0.18 0.00	59.32 0.00 0.00	60.83 -0.36 0.00	64.12 -0.45 0.00	66.12 -0.67 0.00	81.83 -1.16 0.00	91.28 -2.44 0.00	103.97 -5.35 0.00	124.65 -6.98 0.00	138.43 -7.75 0.00	175.81 -9.25 0.00	231.25 -11.66 0.00	267.36 -13.48 0.00	221.22 -10.66 0.00	151.96 -7.32 0.00	95.91 -3.58 0.00	81.22 -0.41 0.00	69.78 0.62 0.00
ALLEGHENY___COGEN 23514	77.10 3.67 0.00	63.85 1.19 0.00	58.76 0.58 0.00	52.25 0.77 0.00	52.16 0.37 0.00	56.99 0.17 0.00	58.98 0.64 0.00	59.03 -0.30 0.00	60.70 -0.49 0.00	63.53 -1.04 0.00	65.85 -0.94 0.00	82.24 -0.75 0.00	87.91 -5.81 0.00	101.35 -7.98 0.00	122.67 -8.96 0.00	135.94 -10.24 0.00	170.62 -14.43 0.00	227.12 -15.78 0.00	269.15 -14.62 -2.93	227.17 -7.65 -2.93	158.32 -3.82 -2.86	98.80 -0.69 0.00	80.89 -0.74 0.00	71.37 2.21 0.00
ALTAMONT_115KV_TB 2 55880	73.95 0.51 0.00	63.54 0.88 0.00	59.40 1.22 0.00	52.77 1.29 0.00	52.88 1.09 0.00	57.79 0.97 0.00	59.68 1.34 0.00	60.69 1.36 0.00	62.48 1.29 0.00	65.79 1.23 0.00	67.92 1.14 0.00	84.41 1.41 -0.01	96.44 2.53 -0.19	113.14 3.61 -0.20	136.22 4.34 -0.25	128.38 5.12 22.92	163.29 6.85 28.61	219.17 8.99 32.73	275.63 10.39 15.60	225.90 8.35 14.34	161.15 5.73 3.86	104.95 3.18 -2.28	83.18 1.55 0.00	69.92 0.76 0.00
ALTONA_WT_PWR 323606	73.87 0.44 0.00	62.85 0.19 0.00	58.00 -0.17 0.00	51.43 -0.05 0.00	52.05 0.26 0.00	56.99 0.17 0.00	57.93 -0.41 0.00	58.85 -0.48 0.00	60.52 -0.67 0.00	63.79 -0.77 0.00	65.79 -1.00 0.00	81.58 -1.41 0.00	90.91 -2.81 0.00	104.41 -4.92 0.00	125.18 -6.45 0.00	138.88 -7.30 0.00	176.73 -8.32 0.00	232.71 -10.19 0.00	269.31 -11.53 0.00	222.60 -9.28 0.00	153.07 -6.21 0.00	96.40 -3.08 0.00	80.89 -0.74 0.00	69.37 0.21 0.00
AMERICAN_REF_FUEL 24010	73.87 0.44 0.00	61.73 -0.94 0.00	55.97 -2.21 0.00	49.98 -1.49 0.00	49.57 -2.23 0.00	54.66 -2.16 0.00	55.66 -2.68 0.00	56.00 -3.32 0.00	59.17 -2.02 0.00	62.56 -2.00 0.00	65.32 -1.47 0.00	81.16 -1.83 0.00	91.84 -1.87 0.00	104.84 -4.49 0.00	126.76 -4.87 0.00	139.61 -6.58 0.00	171.73 -13.33 0.00	225.18 -17.72 0.00	260.12 -23.31 -2.59	216.62 -17.85 -2.59	151.14 -10.67 -2.53	95.31 -4.17 0.00	79.34 -2.29 0.00	67.36 -1.80 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	76.81 3.38 0.00	63.61 0.94 0.00	58.35 0.18 0.00	52.05 0.57 0.00	51.74 -0.05 0.00	56.43 -0.40 0.00	58.52 0.18 0.00	59.15 -0.18 0.00	62.23 1.04 0.00	66.05 1.49 0.00	68.99 2.20 0.00	85.97 2.98 0.00	97.56 3.84 0.00	111.84 2.52 0.00	135.31 3.68 0.00	148.81 2.63 0.00	184.32 -0.74 0.00	241.70 -1.21 0.00	280.81 -3.08 -3.06	233.79 -1.15 -3.06	162.43 0.16 -2.99	101.48 1.99 0.00	83.91 2.28 0.00	70.62 1.45 0.00
ARTHUR KILL_GT_1 23520	56.94 1.32 17.81	56.07 2.19 8.79	54.45 2.50 6.22	54.82 3.35 0.00	54.28 2.49 0.00	54.25 1.88 4.44	54.24 2.68 6.78	54.86 3.56 8.02	56.41 3.92 8.70	58.35 4.20 10.41	60.34 4.47 10.92	84.03 5.81 4.77	99.52 8.43 2.63	118.35 10.60 1.58	158.38 13.43 -13.33	238.28 15.20 -76.90	315.84 19.43 -111.36	379.38 25.51 -110.97	336.87 30.05 -25.98	281.40 23.88 -25.63	197.93 15.77 -22.89	101.60 7.16 5.05	72.67 3.92 12.88	62.67 2.28 8.77
ARTHUR_KILL_2 23512	56.57 0.95 17.81	55.74 1.88 8.80	54.21 2.27 6.23	53.54 2.06 0.00	54.07 2.28 0.00	54.02 1.65 4.45	54.00 2.45 6.79	54.21 2.91 8.02	56.46 3.98 8.71	58.02 3.87 10.42	60.13 4.28 10.93	83.37 5.15 4.77	98.86 7.77 2.63	118.02 10.27 1.58	157.58 12.64 -13.32	237.40 14.33 -76.89	314.74 18.32 -111.36	377.92 24.05 -110.96	335.47 28.66 -25.98	280.69 23.19 -25.62	197.30 15.14 -22.88	100.81 6.37 5.05	72.26 3.51 12.88	62.26 1.87 8.77
ARTHUR_KILL_3 23513	57.00 1.39 17.82	56.30 2.44 8.81	54.90 2.97 6.24	54.20 2.73 0.01	54.32 2.54 0.01	54.75 2.39 4.46	54.75 3.21 6.80	54.97 3.68 8.03	56.53 4.04 8.70	58.59 4.45 10.43	60.59 4.74 10.94	82.90 5.81 5.90	97.81 8.53 4.44	117.22 11.37 3.47	158.74 13.82 -13.30	238.62 15.65 -76.79	316.24 19.99 -111.19	379.67 26.00 -110.76	336.56 29.75 -25.97	281.16 23.66 -25.61	197.77 15.62 -22.87	101.39 6.96 5.06	72.66 3.92 12.88	62.66 2.28 8.78

ARTHUR_KILL_COGEN 323718	56.94 1.32 17.81	56.06 2.19 8.80	54.44 2.50 6.23	53.74 2.26 0.00	54.28 2.49 0.00	54.24 1.87 4.45	54.24 2.69 6.79	54.45 3.14 8.02	56.70 4.22 8.71	58.34 4.19 10.42	60.40 4.54 10.93	83.78 5.56 4.77	99.33 8.25 2.63	118.68 10.93 1.58	158.38 13.43 -13.32	238.27 15.20 -76.89	315.84 19.43 -111.36	379.36 25.50 -110.96	337.43 30.62 -25.98	282.33 24.82 -25.62	198.24 16.08 -22.88	101.40 6.96 5.05	72.75 4.00 12.88	62.60 2.21 8.77
ASHOKAN____ 23654	76.81 3.38 0.00	65.99 3.32 0.00	61.49 3.31 0.00	54.36 2.88 0.00	54.43 2.64 0.00	59.32 2.50 0.00	61.31 2.97 0.00	62.23 2.91 0.00	63.52 2.32 0.00	66.96 2.39 0.00	69.12 2.34 0.00	88.99 6.14 0.14	99.01 8.44 3.14	119.00 11.37 1.69	138.34 14.22 7.50	135.54 17.39 28.03	166.80 23.32 41.57	212.73 32.06 62.23	244.94 37.36 73.25	201.70 30.61 60.80	156.84 20.56 22.99	108.23 11.34 2.60	86.61 4.98 0.00	72.55 3.39 0.00
ASTORIA_EAST_ENERGY_CC1 323581	74.69 1.25 -0.01	64.99 2.32 -0.01	61.02 2.85 0.01	54.15 2.68 0.00	54.49 2.69 0.00	59.09 2.28 0.01	61.31 2.97 0.01	62.88 3.56 0.00	65.22 4.04 0.01	68.88 4.33 0.01	71.32 4.54 0.01	88.54 5.56 0.01	101.94 8.53 0.30	122.19 11.37 -1.49	168.35 13.43 -23.30	277.03 15.20 -115.65	335.87 19.61 -131.21	383.59 25.26 -115.42	338.99 28.66 -29.49	284.11 22.96 -29.27	199.10 15.14 -24.69	106.82 6.86 -0.47	85.47 3.84 -0.01	71.45 2.28 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	74.69 1.25 -0.01	64.99 2.32 -0.01	61.02 2.85 0.01	54.15 2.68 0.00	54.49 2.69 0.00	59.09 2.28 0.01	61.31 2.97 0.01	62.88 3.56 0.00	65.22 4.04 0.01	68.88 4.33 0.01	71.32 4.54 0.01	88.54 5.56 0.01	101.94 8.53 0.30	122.19 11.37 -1.49	168.35 13.43 -23.30	277.03 15.20 -115.65	335.87 19.61 -131.21	383.59 25.26 -115.42	338.99 28.66 -29.49	284.11 22.96 -29.27	199.10 15.14 -24.69	106.82 6.86 -0.47	85.47 3.84 -0.01	71.45 2.28 -0.01
ASTORIA_GT2_1 24094	74.76 1.32 -0.01	65.06 2.38 -0.02	61.03 2.85 0.00	54.72 3.24 0.00	54.54 2.75 0.00	59.15 2.33 0.00	61.32 2.98 0.00	63.12 3.80 0.00	64.99 3.79 0.00	68.96 4.39 0.00	71.33 4.54 0.00	88.79 5.81 0.01	102.22 8.81 0.30	121.97 11.15 -1.49	168.36 13.43 -23.30	277.19 15.35 -115.66	336.06 19.80 -131.21	384.09 25.75 -115.43	338.98 28.65 -29.50	283.42 22.26 -29.28	198.95 14.97 -24.69	107.02 7.06 -0.47	85.47 3.84 -0.01	71.52 2.35 -0.01
ASTORIA_GT2_2 24095	74.76 1.32 -0.01	65.06 2.38 -0.02	61.03 2.85 0.00	54.72 3.24 0.00	54.54 2.75 0.00	59.15 2.33 0.00	61.32 2.98 0.00	63.12 3.80 0.00	64.99 3.79 0.00	68.96 4.39 0.00	71.33 4.54 0.00	88.79 5.81 0.01	102.22 8.81 0.30	121.97 11.15 -1.49	168.36 13.43 -23.30	277.19 15.35 -115.66	336.06 19.80 -131.21	384.09 25.75 -115.43	338.98 28.65 -29.50	283.42 22.26 -29.28	198.95 14.97 -24.69	107.02 7.06 -0.47	85.47 3.84 -0.01	71.52 2.35 -0.01
ASTORIA_GT2_3 24096	74.76 1.32 -0.01	65.06 2.38 -0.02	61.03 2.85 0.00	54.72 3.24 0.00	54.54 2.75 0.00	59.15 2.33 0.00	61.32 2.98 0.00	63.12 3.80 0.00	64.99 3.79 0.00	68.96 4.39 0.00	71.33 4.54 0.00	88.79 5.81 0.01	102.22 8.81 0.30	121.97 11.15 -1.49	168.36 13.43 -23.30	277.19 15.35 -115.66	336.06 19.80 -131.21	384.09 25.75 -115.43	338.98 28.65 -29.50	283.42 22.26 -29.28	198.95 14.97 -24.69	107.02 7.06 -0.47	85.47 3.84 -0.01	71.52 2.35 -0.01
ASTORIA_GT2_4 24097	74.76 1.32 -0.01	65.06 2.38 -0.02	61.03 2.85 0.00	54.72 3.24 0.00	54.54 2.75 0.00	59.15 2.33 0.00	61.32 2.98 0.00	63.12 3.80 0.00	64.99 3.79 0.00	68.96 4.39 0.00	71.33 4.54 0.00	88.79 5.81 0.01	102.22 8.81 0.30	121.97 11.15 -1.49	168.36 13.43 -23.30	277.19 15.35 -115.66	336.06 19.80 -131.21	384.09 25.75 -115.43	338.98 28.65 -29.50	283.42 22.26 -29.28	198.95 14.97 -24.69	107.02 7.06 -0.47	85.47 3.84 -0.01	71.52 2.35 -0.01
ASTORIA_GT3_1 24098	74.76 1.32 -0.01	65.06 2.38 -0.02	61.03 2.85 0.00	54.72 3.24 0.00	54.54 2.75 0.00	59.15 2.33 0.00	61.32 2.98 0.00	63.12 3.80 0.00	64.99 3.79 0.00	68.96 4.39 0.00	71.33 4.54 0.00	88.79 5.81 0.01	102.22 8.81 0.30	121.97 11.15 -1.49	168.36 13.43 -23.30	277.19 15.35 -115.66	336.06 19.80 -131.21	384.09 25.75 -115.43	338.98 28.65 -29.50	283.42 22.26 -29.28	198.95 14.97 -24.69	107.02 7.06 -0.47	85.47 3.84 -0.01	71.52 2.35 -0.01
ASTORIA_GT3_2 24099	74.76 1.32 -0.01	65.06 2.38 -0.02	61.03 2.85 0.00	54.72 3.24 0.00	54.54 2.75 0.00	59.15 2.33 0.00	61.32 2.98 0.00	63.12 3.80 0.00	64.99 3.79 0.00	68.96 4.39 0.00	71.33 4.54 0.00	88.79 5.81 0.01	102.22 8.81 0.30	121.97 11.15 -1.49	168.36 13.43 -23.30	277.19 15.35 -115.66	336.06 19.80 -131.21	384.09 25.75 -115.43	338.98 28.65 -29.50	283.42 22.26 -29.28	198.95 14.97 -24.69	107.02 7.06 -0.47	85.47 3.84 -0.01	71.52 2.35 -0.01
ASTORIA_GT3_3 24100	74.76 1.32 -0.01	65.06 2.38 -0.02	61.03 2.85 0.00	54.72 3.24 0.00	54.54 2.75 0.00	59.15 2.33 0.00	61.32 2.98 0.00	63.12 3.80 0.00	64.99 3.79 0.00	68.96 4.39 0.00	71.33 4.54 0.00	88.79 5.81 0.01	102.22 8.81 0.30	121.97 11.15 -1.49	168.36 13.43 -23.30	277.19 15.35 -115.66	336.06 19.80 -131.21	384.09 25.75 -115.43	338.98 28.65 -29.50	283.42 22.26 -29.28	198.95 14.97 -24.69	107.02 7.06 -0.47	85.47 3.84 -0.01	71.52 2.35 -0.01
ASTORIA_GT3_4 24101	74.76 1.32 -0.01	65.06 2.38 -0.02	61.03 2.85 0.00	54.72 3.24 0.00	54.54 2.75 0.00	59.15 2.33 0.00	61.32 2.98 0.00	63.12 3.80 0.00	64.99 3.79 0.00	68.96 4.39 0.00	71.33 4.54 0.00	88.79 5.81 0.01	102.22 8.81 0.30	121.97 11.15 -1.49	168.36 13.43 -23.30	277.19 15.35 -115.66	336.06 19.80 -131.21	384.09 25.75 -115.43	338.98 28.65 -29.50	283.42 22.26 -29.28	198.95 14.97 -24.69	107.02 7.06 -0.47	85.47 3.84 -0.01	71.52 2.35 -0.01
ASTORIA_GT4_1 24102	74.76 1.32 -0.01	65.06 2.38 -0.02	61.03 2.85 0.00	54.72 3.24 0.00	54.54 2.75 0.00	59.15 2.33 0.00	61.32 2.98 0.00	63.12 3.80 0.00	64.99 3.79 0.00	68.96 4.39 0.00	71.33 4.54 0.00	88.79 5.81 0.01	102.22 8.81 0.30	121.97 11.15 -1.49	168.36 13.43 -23.30	277.19 15.35 -115.66	336.06 19.80 -131.21	384.09 25.75 -115.43	338.98 28.65 -29.50	283.42 22.26 -29.28	198.95 14.97 -24.69	107.02 7.06 -0.47	85.47 3.84 -0.01	71.52 2.35 -0.01
ASTORIA_GT4_2 24103	74.76 1.32 -0.01	65.06 2.38 -0.02	61.03 2.85 0.00	54.72 3.24 0.00	54.54 2.75 0.00	59.15 2.33 0.00	61.32 2.98 0.00	63.12 3.80 0.00	64.99 3.79 0.00	68.96 4.39 0.00	71.33 4.54 0.00	88.79 5.81 0.01	102.22 8.81 0.30	121.97 11.15 -1.49	168.36 13.43 -23.30	277.19 15.35 -115.66	336.06 19.80 -131.21	384.09 25.75 -115.43	338.98 28.65 -29.50	283.42 22.26 -29.28	198.95 14.97 -24.69	107.02 7.06 -0.47	85.47 3.84 -0.01	71.52 2.35 -0.01
ASTORIA_GT4_3 24104	74.76 1.32 -0.01	65.06 2.38 -0.02	61.03 2.85 0.00	54.72 3.24 0.00	54.54 2.75 0.00	59.15 2.33 0.00	61.32 2.98 0.00	63.12 3.80 0.00	64.99 3.79 0.00	68.96 4.39 0.00	71.33 4.54 0.00	88.79 5.81 0.01	102.22 8.81 0.30	121.97 11.15 -1.49	168.36 13.43 -23.30	277.19 15.35 -115.66	336.06 19.80 -131.21	384.09 25.75 -115.43	338.98 28.65 -29.50	283.42 22.26 -29.28	198.95 14.97 -24.69	107.02 7.06 -0.47	85.47 3.84 -0.01	71.52 2.35 -0.01

ASTORIA_GT4_4 24105	74.76 1.32 -0.01	65.06 2.38 -0.02	61.03 2.85 0.00	54.72 3.24 0.00	54.54 2.75 0.00	59.15 2.33 0.00	61.32 2.98 0.00	63.12 3.80 0.00	64.99 3.79 0.00	68.96 4.39 0.00	71.33 4.54 0.00	88.79 5.81 0.01	102.22 8.81 0.30	121.97 11.15 -1.49	168.36 13.43 -23.30	277.19 15.35 -115.66	336.06 19.80 -131.21	384.09 25.75 -115.43	338.98 28.65 -29.50	283.42 22.26 -29.28	198.95 14.97 -24.69	107.02 7.06 -0.47	85.47 3.84 -0.01	71.52 2.35 -0.01
ASTORIA_GT_1 23523	74.98 1.54 -0.01	65.25 2.57 -0.02	61.20 3.03 0.00	54.82 3.35 0.00	54.64 2.85 0.00	59.27 2.44 0.00	61.49 3.15 0.00	63.30 3.97 0.00	65.23 4.04 0.00	69.15 4.58 0.00	71.53 4.74 0.00	89.12 6.14 0.01	102.50 9.09 0.30	122.41 11.59 -1.49	168.88 13.95 -23.30	277.77 15.93 -115.66	336.80 20.54 -131.21	384.81 26.48 -115.43	339.83 29.49 -29.50	284.35 23.19 -29.28	199.58 15.61 -24.69	107.42 7.46 -0.47	85.71 4.08 -0.01	71.73 2.56 -0.01
ASTORIA_GT_10 24110	66.12 1.25 8.56	64.98 2.32 0.00	60.97 2.79 0.00	54.72 3.24 0.00	54.49 2.69 0.00	59.04 2.22 0.00	61.37 3.03 0.00	63.06 3.74 0.00	65.17 3.98 0.00	68.83 4.26 0.00	71.19 4.41 0.00	88.83 5.64 -0.20	98.54 8.72 3.89	111.55 11.04 8.82	168.21 13.29 -23.29	273.27 15.35 -111.74	316.03 19.62 -111.36	379.14 25.26 -110.97	335.47 28.65 -25.98	279.77 22.26 -25.63	196.98 14.81 -22.89	101.73 6.96 4.72	77.48 3.67 7.82	65.20 2.28 6.24
ASTORIA_GT_11 24225	66.12 1.25 8.56	64.98 2.32 0.00	60.97 2.79 0.00	54.72 3.24 0.00	54.49 2.69 0.00	59.04 2.22 0.00	61.37 3.03 0.00	63.06 3.74 0.00	65.17 3.98 0.00	68.83 4.26 0.00	71.19 4.41 0.00	88.83 5.64 -0.20	98.54 8.72 3.89	111.55 11.04 8.82	168.21 13.29 -23.29	273.27 15.35 -111.74	316.03 19.62 -111.36	379.14 25.26 -110.97	335.47 28.65 -25.98	279.77 22.26 -25.63	196.98 14.81 -22.89	101.73 6.96 4.72	77.48 3.67 7.82	65.20 2.28 6.24
ASTORIA_GT_12 24226	66.12 1.25 8.56	64.98 2.32 0.00	60.97 2.79 0.00	54.72 3.24 0.00	54.49 2.69 0.00	59.04 2.22 0.00	61.37 3.03 0.00	63.06 3.74 0.00	65.17 3.98 0.00	68.83 4.26 0.00	71.19 4.41 0.00	88.83 5.64 -0.20	98.54 8.72 3.89	111.55 11.04 8.82	168.21 13.29 -23.29	273.27 15.35 -111.74	316.03 19.62 -111.36	379.14 25.26 -110.97	335.47 28.65 -25.98	279.77 22.26 -25.63	196.98 14.81 -22.89	101.73 6.96 4.72	77.48 3.67 7.82	65.20 2.28 6.24
ASTORIA_GT_13 24227	66.12 1.25 8.56	64.98 2.32 0.00	60.97 2.79 0.00	54.72 3.24 0.00	54.49 2.69 0.00	59.04 2.22 0.00	61.37 3.03 0.00	63.06 3.74 0.00	65.17 3.98 0.00	68.83 4.26 0.00	71.19 4.41 0.00	88.83 5.64 -0.20	98.54 8.72 3.89	111.55 11.04 8.82	168.21 13.29 -23.29	273.27 15.35 -111.74	316.03 19.62 -111.36	379.14 25.26 -110.97	335.47 28.65 -25.98	279.77 22.26 -25.63	196.98 14.81 -22.89	101.73 6.96 4.72	77.48 3.67 7.82	65.20 2.28 6.24
ASTORIA_GT_5 24106	74.98 1.54 -0.01	65.25 2.57 -0.02	61.20 3.03 0.00	54.82 3.35 0.00	54.64 2.85 0.00	59.27 2.44 0.00	61.49 3.15 0.00	63.30 3.97 0.00	65.23 4.04 0.00	69.15 4.58 0.00	71.53 4.74 0.00	89.12 6.14 0.01	102.50 9.09 0.30	122.41 11.59 -1.49	168.88 13.95 -23.30	277.77 15.93 -115.66	336.80 20.54 -131.21	384.81 26.48 -115.43	339.83 29.49 -29.50	284.35 23.19 -29.28	199.58 15.61 -24.69	107.42 7.46 -0.47	85.71 4.08 -0.01	71.73 2.56 -0.01
ASTORIA_GT_7 24107	74.98 1.54 -0.01	65.25 2.57 -0.02	61.20 3.03 0.00	54.82 3.35 0.00	54.64 2.85 0.00	59.27 2.44 0.00	61.49 3.15 0.00	63.30 3.97 0.00	65.23 4.04 0.00	69.15 4.58 0.00	71.53 4.74 0.00	89.12 6.14 0.01	102.50 9.09 0.30	122.41 11.59 -1.49	168.88 13.95 -23.30	277.77 15.93 -115.66	336.80 20.54 -131.21	384.81 26.48 -115.43	339.83 29.49 -29.50	284.35 23.19 -29.28	199.58 15.61 -24.69	107.42 7.46 -0.47	85.71 4.08 -0.01	71.73 2.56 -0.01
ASTORIA_GT_8 24108	74.98 1.54 -0.01	65.25 2.57 -0.02	61.20 3.03 0.00	54.82 3.35 0.00	54.64 2.85 0.00	59.27 2.44 0.00	61.49 3.15 0.00	63.30 3.97 0.00	65.23 4.04 0.00	69.15 4.58 0.00	71.53 4.74 0.00	89.12 6.14 0.01	102.50 9.09 0.30	122.41 11.59 -1.49	168.88 13.95 -23.30	277.77 15.93 -115.66	336.80 20.54 -131.21	384.81 26.48 -115.43	339.83 29.49 -29.50	284.35 23.19 -29.28	199.58 15.61 -24.69	107.42 7.46 -0.47	85.71 4.08 -0.01	71.73 2.56 -0.01
ASTORIA___2 24149	74.76 1.32 -0.01	65.05 2.38 -0.01	61.02 2.85 0.01	54.15 2.68 0.00	54.49 2.69 0.00	59.15 2.33 0.01	61.31 2.97 0.01	62.88 3.56 0.00	65.28 4.10 0.01	68.95 4.39 0.01	71.38 4.60 0.01	88.63 5.65 0.01	102.03 8.62 0.30	122.30 11.48 -1.49	168.35 13.43 -23.30	277.17 15.34 -115.65	336.07 19.81 -131.21	383.83 25.50 -115.42	339.26 28.93 -29.49	284.11 22.96 -29.27	199.10 15.14 -24.69	106.82 6.86 -0.47	85.55 3.92 -0.01	71.45 2.28 -0.01
ASTORIA___3 23516	66.12 1.25 8.56	64.91 2.25 0.01	60.96 2.79 0.01	54.21 2.73 0.00	54.49 2.69 0.00	59.03 2.21 0.01	61.36 3.03 0.01	62.83 3.50 0.00	65.40 4.22 0.01	68.82 4.26 0.01	71.25 4.48 0.01	88.66 5.48 -0.20	98.35 8.53 3.89	111.77 11.26 8.82	168.19 13.29 -23.28	273.12 15.20 -111.73	315.84 19.43 -111.36	378.89 25.02 -110.96	336.02 29.21 -25.98	280.47 22.96 -25.62	197.30 15.14 -22.88	101.54 6.77 4.72	77.56 3.76 7.82	65.13 2.21 6.24
ASTORIA___4 23517	66.12 1.25 8.56	64.92 2.26 0.00	60.97 2.79 0.00	54.72 3.24 0.00	54.49 2.69 0.00	59.04 2.22 0.00	61.37 3.03 0.00	63.06 3.74 0.00	65.17 3.98 0.00	68.83 4.26 0.00	71.19 4.41 0.00	88.83 5.64 -0.20	98.45 8.62 3.89	111.55 11.04 8.82	168.21 13.29 -23.29	273.27 15.35 -111.74	316.03 19.62 -111.36	379.14 25.26 -110.97	335.47 28.65 -25.98	279.77 22.26 -25.63	196.98 14.81 -22.89	101.73 6.96 4.72	77.48 3.67 7.82	65.20 2.28 6.24
ASTORIA___5 23518	66.12 1.25 8.56	64.91 2.25 0.01	60.96 2.79 0.01	54.21 2.73 0.00	54.49 2.69 0.00	59.03 2.21 0.01	61.36 3.03 0.01	62.83 3.50 0.00	65.40 4.22 0.01	68.82 4.26 0.01	71.25 4.48 0.01	88.66 5.48 -0.20	98.35 8.53 3.89	111.77 11.26 8.82	168.19 13.29 -23.28	273.12 15.20 -111.73	315.84 19.43 -111.36	378.89 25.02 -110.96	336.02 29.21 -25.98	280.47 22.96 -25.62	197.30 15.14 -22.88	101.54 6.77 4.72	77.56 3.76 7.82	65.13 2.21 6.24
AST_ENERGY_2_CC3 323677	43.11 1.91 32.23	40.04 2.82 25.45	40.04 3.26 21.39	40.04 2.98 14.42	40.04 2.79 14.55	40.04 2.67 19.46	40.04 3.44 21.74	40.04 3.98 23.26	40.04 4.35 25.50	41.33 4.78 28.01	42.95 5.07 28.91	63.34 6.23 25.88	78.25 9.00 24.47	97.66 11.92 23.58	139.18 14.61 7.06	176.69 16.66 -13.85	211.18 21.09 -5.04	264.34 27.44 6.00	305.55 31.73 7.01	256.46 25.05 0.48	178.21 16.56 -2.36	81.83 7.56 25.21	53.19 4.49 32.92	43.10 2.77 28.83
AST_ENERGY_2_CC4 323678	43.11 1.91 32.23	40.04 2.82 25.45	40.04 3.26 21.39	40.04 2.98 14.42	40.04 2.79 14.55	40.04 2.67 19.46	40.04 3.44 21.74	40.04 3.98 23.26	40.04 4.35 25.50	41.33 4.78 28.01	42.95 5.07 28.91	63.34 6.23 25.88	78.25 9.00 24.47	97.66 11.92 23.58	139.18 14.61 7.06	176.69 16.66 -13.85	211.18 21.09 -5.04	264.34 27.44 6.00	305.55 31.73 7.01	256.46 25.05 0.48	178.21 16.56 -2.36	81.83 7.56 25.21	53.19 4.49 32.92	43.10 2.77 28.83

ATHENS_STG_1 23668	74.09 0.66 0.00	63.85 1.19 0.00	59.80 1.63 0.00	53.08 1.60 0.00	53.19 1.40 0.00	58.13 1.31 0.00	60.15 1.81 0.00	61.22 1.90 0.00	63.09 1.90 0.00	66.63 2.07 0.00	68.86 2.07 0.00	85.56 2.58 0.00	97.65 3.94 0.00	115.04 5.57 -0.14	138.02 6.71 0.31	151.48 7.60 2.29	190.12 9.80 4.73	249.45 12.62 6.08	311.91 15.15 -15.91	259.62 11.82 -15.91	182.80 7.96 -15.56	103.93 4.08 -0.36	83.74 2.12 0.00	70.34 1.17 0.00
ATHENS_STG_2 23670	74.09 0.66 0.00	63.85 1.19 0.00	59.80 1.63 0.00	53.08 1.60 0.00	53.19 1.40 0.00	58.13 1.31 0.00	60.15 1.81 0.00	61.22 1.90 0.00	63.09 1.90 0.00	66.63 2.07 0.00	68.86 2.07 0.00	85.56 2.58 0.00	97.65 3.94 0.00	115.04 5.57 -0.14	138.02 6.71 0.31	151.48 7.60 2.29	190.12 9.80 4.73	249.45 12.62 6.08	311.91 15.15 -15.91	259.62 11.82 -15.91	182.80 7.96 -15.56	103.93 4.08 -0.36	83.74 2.12 0.00	70.34 1.17 0.00
ATHENS_STG_3 23677	74.09 0.66 0.00	63.85 1.19 0.00	59.80 1.63 0.00	53.08 1.60 0.00	53.19 1.40 0.00	58.13 1.31 0.00	60.15 1.81 0.00	61.22 1.90 0.00	63.09 1.90 0.00	66.63 2.07 0.00	68.86 2.07 0.00	85.56 2.58 0.00	97.65 3.94 0.00	115.04 5.57 -0.14	138.02 6.71 0.31	151.48 7.60 2.29	190.12 9.80 4.73	249.45 12.62 6.08	311.91 15.15 -15.91	259.62 11.82 -15.91	182.80 7.96 -15.56	103.93 4.08 -0.36	83.74 2.12 0.00	70.34 1.17 0.00
AUBURN____LFGE 323710	74.46 1.03 0.00	62.92 0.25 0.00	58.29 0.12 0.00	51.48 0.00 0.00	51.74 -0.05 0.00	56.65 -0.17 0.00	58.57 0.23 0.00	59.62 0.30 0.00	61.80 0.61 0.00	65.21 0.65 0.00	67.72 0.94 0.00	84.40 1.41 0.00	95.78 2.06 0.00	111.29 1.97 0.00	134.52 2.90 0.00	148.96 2.78 0.00	187.83 2.78 0.00	246.55 3.64 0.00	288.28 5.34 -2.11	239.32 5.33 -2.11	165.00 3.66 -2.06	101.97 2.49 0.00	83.34 1.71 0.00	69.99 0.83 0.00
BABYLON_RES_REC 323704	77.62 4.18 -0.01	67.50 4.83 -0.01	63.07 4.89 -0.01	55.81 4.32 -0.01	55.84 4.04 -0.01	60.93 4.09 -0.01	63.01 4.67 0.00	64.85 5.52 -0.01	67.26 6.06 -0.01	71.29 6.71 -0.01	71.46 4.67 0.00	95.39 5.89 -6.51	102.54 9.00 0.18	122.33 11.92 -1.09	171.29 14.74 -24.92	282.18 16.51 -119.48	340.67 20.90 -134.71	383.83 27.92 -113.01	337.90 32.00 -25.05	284.25 25.51 -26.86	194.71 16.41 -19.02	106.81 6.86 -0.46	85.06 3.43 0.00	67.22 3.18 5.13
BALL_HILL_WT_PWR 323825	76.07 2.64 0.00	63.04 0.38 0.00	57.83 -0.35 0.00	51.58 0.10 0.00	51.23 -0.57 0.00	55.91 -0.91 0.00	57.81 -0.53 0.00	58.37 -0.95 0.00	61.50 0.31 0.00	65.21 0.65 0.00	68.05 1.27 0.00	84.81 1.82 0.00	96.25 2.53 0.00	110.31 0.98 0.00	133.47 1.84 0.00	146.92 0.73 0.00	181.73 -3.33 0.00	238.28 -4.62 0.00	276.42 -7.30 -2.89	230.14 -4.64 -2.89	160.20 -1.90 -2.82	100.19 0.70 0.00	83.01 1.39 0.00	69.92 0.76 0.00
BARON_WINDS____WT_PWR 323822	75.56 2.13 0.00	63.17 0.50 0.00	58.23 0.06 0.00	51.79 0.31 0.00	51.64 -0.15 0.00	56.43 -0.40 0.00	58.40 0.06 0.00	58.97 -0.35 0.00	61.44 0.25 0.00	64.89 0.32 0.00	67.52 0.74 0.00	84.15 1.16 0.00	95.31 1.59 0.00	109.99 0.66 0.00	133.08 1.45 0.00	146.62 0.44 0.00	183.02 -2.03 0.00	240.48 -2.43 0.00	281.85 -2.81 -3.82	235.70 0.00 -3.82	164.28 1.27 -3.73	101.60 1.99 -0.13	83.50 1.88 0.00	70.26 1.10 0.00
BARRETT_IC_1 23704	76.90 3.45 -0.02	66.70 4.01 -0.02	62.32 4.13 -0.02	55.30 3.81 -0.01	55.37 3.57 -0.01	60.41 3.58 -0.01	62.19 3.85 0.00	63.90 4.57 -0.01	66.22 5.02 -0.01	70.06 5.48 -0.01	71.60 4.81 0.00	167.86 6.23 -78.64	111.54 9.00 -8.83	126.64 11.92 -5.39	188.44 14.35 -42.46	487.48 16.51 -324.78	459.00 20.36 -253.59	516.26 26.96 -246.40	423.08 30.89 -111.35	411.79 25.05 -154.85	208.03 16.08 -32.66	106.92 6.96 -0.47	86.11 4.40 -0.08	82.24 3.73 -9.35
BARRETT_IC_10 23701	76.90 3.45 -0.02	66.70 4.01 -0.02	62.32 4.13 -0.02	55.30 3.81 -0.01	55.37 3.57 -0.01	60.41 3.58 -0.01	62.19 3.85 0.00	63.90 4.57 -0.01	66.22 5.02 -0.01	70.06 5.48 -0.01	71.60 4.81 0.00	113.13 6.23 -23.91	82.24 9.00 20.47	87.40 11.92 33.85	175.14 14.35 -29.16	83.69 16.51 79.00	206.52 20.36 -1.11	131.52 26.96 138.34	134.64 30.89 177.09	83.69 25.05 173.25	83.69 16.08 91.67	106.90 6.96 -0.45	86.11 4.40 -0.08	82.24 3.73 -9.35
BARRETT_IC_11 23702	76.90 3.45 -0.02	66.70 4.01 -0.02	62.32 4.13 -0.02	55.30 3.81 -0.01	55.37 3.57 -0.01	60.41 3.58 -0.01	62.19 3.85 0.00	63.90 4.57 -0.01	66.22 5.02 -0.01	70.06 5.48 -0.01	71.60 4.81 0.00	113.13 6.23 -23.91	82.24 9.00 20.47	87.40 11.92 33.85	175.14 14.35 -29.16	83.69 16.51 79.00	206.52 20.36 -1.11	131.52 26.96 138.34	134.64 30.89 177.09	83.69 25.05 173.25	83.69 16.08 91.67	106.90 6.96 -0.45	86.11 4.40 -0.08	82.24 3.73 -9.35
BARRETT_IC_12 23703	76.90 3.45 -0.02	66.70 4.01 -0.02	62.32 4.13 -0.02	55.30 3.81 -0.01	55.37 3.57 -0.01	60.41 3.58 -0.01	62.19 3.85 0.00	63.90 4.57 -0.01	66.22 5.02 -0.01	70.06 5.48 -0.01	71.60 4.81 0.00	113.13 6.23 -23.91	82.24 9.00 20.47	87.40 11.92 33.85	175.14 14.35 -29.16	83.69 16.51 79.00	206.52 20.36 -1.11	131.52 26.96 138.34	134.64 30.89 177.09	83.69 25.05 173.25	83.69 16.08 91.67	106.90 6.96 -0.45	86.11 4.40 -0.08	82.24 3.73 -9.35
BARRETT_IC_2 23705	76.90 3.45 -0.02	66.70 4.01 -0.02	62.32 4.13 -0.02	55.30 3.81 -0.01	55.37 3.57 -0.01	60.41 3.58 -0.01	62.19 3.85 0.00	63.90 4.57 -0.01	66.22 5.02 -0.01	70.06 5.48 -0.01	71.60 4.81 0.00	167.86 6.23 -78.64	111.54 9.00 -8.83	126.64 11.92 -5.39	188.44 14.35 -42.46	487.48 16.51 -324.78	459.00 20.36 -253.59	516.26 26.96 -246.40	423.08 30.89 -111.35	411.79 25.05 -154.85	208.03 16.08 -32.66	106.92 6.96 -0.47	86.11 4.40 -0.08	82.24 3.73 -9.35
BARRETT_IC_3 23706	76.90 3.45 -0.02	66.70 4.01 -0.02	62.32 4.13 -0.02	55.30 3.81 -0.01	55.37 3.57 -0.01	60.41 3.58 -0.01	62.19 3.85 0.00	63.90 4.57 -0.01	66.22 5.02 -0.01	70.06 5.48 -0.01	71.60 4.81 0.00	167.86 6.23 -78.64	111.54 9.00 -8.83	126.64 11.92 -5.39	188.44 14.35 -42.46	487.48 16.51 -324.78	459.00 20.36 -253.59	516.26 26.96 -246.40	423.08 30.89 -111.35	411.79 25.05 -154.85	208.03 16.08 -32.66	106.92 6.96 -0.47	86.11 4.40 -0.08	82.24 3.73 -9.35
BARRETT_IC_4 23707	76.90 3.45 -0.02	66.70 4.01 -0.02	62.32 4.13 -0.02	55.30 3.81 -0.01	55.37 3.57 -0.01	60.41 3.58 -0.01	62.19 3.85 0.00	63.90 4.57 -0.01	66.22 5.02 -0.01	70.06 5.48 -0.01	71.60 4.81 0.00	167.86 6.23 -78.64	111.54 9.00 -8.83	126.64 11.92 -5.39	188.44 14.35 -42.46	487.48 16.51 -324.78	459.00 20.36 -253.59	516.26 26.96 -246.40	423.08 30.89 -111.35	411.79 25.05 -154.85	208.03 16.08 -32.66	106.92 6.96 -0.47	86.11 4.40 -0.08	82.24 3.73 -9.35
BARRETT_IC_5 23708	76.90 3.45 -0.02	66.70 4.01 -0.02	62.32 4.13 -0.02	55.30 3.81 -0.01	55.37 3.57 -0.01	60.41 3.58 -0.01	62.19 3.85 0.00	63.90 4.57 -0.01	66.22 5.02 -0.01	70.06 5.48 -0.01	71.60 4.81 0.00	167.86 6.23 -78.64	111.54 9.00 -8.83	126.64 11.92 -5.39	188.44 14.35 -42.46	487.48 16.51 -324.78	459.00 20.36 -253.59	516.26 26.96 -246.40	423.08 30.89 -111.35	411.79 25.05 -154.85	208.03 16.08 -32.66	106.92 6.96 -0.47	86.11 4.40 -0.08	82.24 3.73 -9.35

BARRETT_IC_6 23709	76.90 3.45 -0.02	66.70 4.01 -0.02	62.32 4.13 -0.02	55.30 3.81 -0.01	55.37 3.57 -0.01	60.41 3.58 -0.01	62.19 3.85 0.00	63.90 4.57 -0.01	66.22 5.02 -0.01	70.06 5.48 -0.01	71.60 4.81 0.00	167.86 6.23 -78.64	111.54 9.00 -8.83	126.64 11.92 -5.39	188.44 14.35 -42.46	487.48 16.51 -324.78	459.00 20.36 -253.59	516.26 26.96 -246.40	423.08 30.89 -111.35	411.79 25.05 -154.85	208.03 16.08 -32.66	106.92 6.96 -0.47	86.11 4.40 -0.08	82.24 3.73 -9.35
BARRETT_IC_7 23710	76.88 3.45 0.00	66.68 4.01 0.00	62.31 4.13 0.00	55.49 4.02 0.00	55.37 3.57 0.00	60.40 3.58 0.00	62.25 3.91 0.00	63.89 4.57 0.00	66.15 4.96 0.00	70.05 5.49 0.00	71.53 4.74 0.00	167.77 6.14 -78.64	111.82 9.28 -8.83	126.52 11.81 -5.38	188.44 14.35 -42.46	487.48 16.52 -324.78	459.00 20.36 -253.59	516.27 26.96 -246.40	422.80 30.61 -111.35	411.08 24.35 -154.85	207.87 15.93 -32.66	107.12 7.16 -0.47	86.85 5.14 -0.08	80.79 2.28 -9.35
BARRETT_IC_8 23711	76.90 3.45 -0.02	66.70 4.01 -0.02	62.32 4.13 -0.02	55.30 3.81 -0.01	55.37 3.57 -0.01	60.41 3.58 -0.01	62.19 3.85 0.00	63.90 4.57 -0.01	66.22 5.02 -0.01	70.06 5.48 -0.01	71.60 4.81 0.00	167.86 6.23 -78.64	111.54 9.00 -8.83	126.64 11.92 -5.39	188.44 14.35 -42.46	487.48 16.51 -324.78	459.00 20.36 -253.59	516.26 26.96 -246.40	423.08 30.89 -111.35	411.79 25.05 -154.85	208.03 16.08 -32.66	106.92 6.96 -0.47	86.11 4.40 -0.08	82.24 3.73 -9.35
BARRETT_IC_9 23700	76.90 3.45 -0.02	66.70 4.01 -0.02	62.32 4.13 -0.02	55.30 3.81 -0.01	55.37 3.57 -0.01	60.41 3.58 -0.01	62.19 3.85 0.00	63.90 4.57 -0.01	66.22 5.02 -0.01	70.06 5.48 -0.01	71.60 4.81 0.00	113.13 6.23 -23.91	82.24 9.00 20.47	87.40 11.92 33.85	175.14 14.35 -29.16	83.69 16.51 79.00	206.52 20.36 -1.11	131.52 26.96 138.34	134.64 30.89 177.09	83.69 25.05 173.25	83.69 16.08 91.67	106.90 6.96 -0.45	86.11 4.40 -0.08	82.24 3.73 -9.35
BARRETT___1 23545	76.90 3.45 -0.02	66.70 4.01 -0.02	62.32 4.13 -0.02	55.30 3.81 -0.01	55.37 3.57 -0.01	60.41 3.58 -0.01	62.19 3.85 0.00	63.90 4.57 -0.01	66.22 5.02 -0.01	70.06 5.48 -0.01	71.60 4.81 0.00	167.86 6.23 -78.64	111.54 9.00 -8.83	126.64 11.92 -5.39	188.44 14.35 -42.46	487.48 16.51 -324.78	459.00 20.36 -253.59	516.26 26.96 -246.40	423.08 30.89 -111.35	411.79 25.05 -154.85	208.03 16.08 -32.66	106.92 6.96 -0.47	86.11 4.40 -0.08	82.24 3.73 -9.35
BARRETT___2 23546	76.90 3.45 -0.02	66.70 4.01 -0.02	62.32 4.13 -0.02	55.30 3.81 -0.01	55.37 3.57 -0.01	60.41 3.58 -0.01	62.19 3.85 0.00	63.90 4.57 -0.01	66.22 5.02 -0.01	70.06 5.48 -0.01	71.60 4.81 0.00	113.13 6.23 -23.91	82.24 9.00 20.47	87.40 11.92 33.85	175.14 14.35 -29.16	83.69 16.51 79.00	206.52 20.36 -1.11	131.52 26.96 138.34	134.64 30.89 177.09	83.69 25.05 173.25	83.69 16.08 91.67	106.90 6.96 -0.45	86.11 4.40 -0.08	82.24 3.73 -9.35
BATAVIA___115KV_TB1 55881	75.85 2.42 0.00	62.85 0.19 0.00	58.23 0.06 0.00	51.12 -0.36 0.00	51.59 -0.21 0.00	56.60 -0.23 0.00	58.11 -0.23 0.00	58.79 -0.53 0.00	61.74 0.55 0.00	64.44 -0.13 0.00	67.32 0.53 0.00	83.74 0.75 0.00	94.84 1.12 0.00	108.23 -1.09 0.00	131.50 -0.13 0.00	144.57 -1.61 0.00	179.50 -5.55 0.00	234.89 -8.02 0.00	275.07 -8.14 -2.37	230.31 -3.94 -2.37	159.37 -2.23 -2.32	98.99 -0.50 0.00	82.28 0.65 0.00	69.44 0.28 0.00
BAYONEEC___CTG1 323682	75.27 1.84 0.00	65.42 2.75 0.00	61.43 3.26 0.00	54.52 3.04 0.00	54.59 2.79 0.00	59.55 2.73 0.00	61.84 3.50 0.00	63.30 3.98 0.00	65.60 4.41 0.00	69.34 4.78 0.00	71.86 5.07 0.00	88.00 6.23 1.21	105.06 9.09 -2.26	130.28 11.92 -9.03	169.51 14.61 -23.27	274.34 16.51 -111.65	317.35 21.09 -111.21	380.88 27.20 -110.77	338.27 31.45 -25.98	282.34 24.82 -25.63	198.73 16.56 -22.88	102.24 7.47 4.71	86.03 4.40 0.00	65.62 2.69 6.23
BAYONEEC___CTG10 323750	75.27 1.84 0.00	65.42 2.75 0.00	61.43 3.26 0.00	54.52 3.04 0.00	54.59 2.79 0.00	59.55 2.73 0.00	61.84 3.50 0.00	63.30 3.98 0.00	65.60 4.41 0.00	69.34 4.78 0.00	71.86 5.07 0.00	88.00 6.23 1.21	105.06 9.09 -2.26	130.28 11.92 -9.03	169.51 14.61 -23.27	274.34 16.51 -111.65	317.35 21.09 -111.21	380.88 27.20 -110.77	338.27 31.45 -25.98	282.34 24.82 -25.63	198.73 16.56 -22.88	102.24 7.47 4.71	86.03 4.40 0.00	65.62 2.69 6.23
BAYONEEC___CTG2 323683	75.27 1.84 0.00	65.42 2.75 0.00	61.43 3.26 0.00	54.52 3.04 0.00	54.59 2.79 0.00	59.55 2.73 0.00	61.84 3.50 0.00	63.30 3.98 0.00	65.60 4.41 0.00	69.34 4.78 0.00	71.86 5.07 0.00	88.00 6.23 1.21	105.06 9.09 -2.26	130.28 11.92 -9.03	169.51 14.61 -23.27	274.34 16.51 -111.65	317.35 21.09 -111.21	380.88 27.20 -110.77	338.27 31.45 -25.98	282.34 24.82 -25.63	198.73 16.56 -22.88	102.24 7.47 4.71	86.03 4.40 0.00	65.62 2.69 6.23
BAYONEEC___CTG3 323684	75.27 1.84 0.00	65.42 2.75 0.00	61.43 3.26 0.00	54.52 3.04 0.00	54.59 2.79 0.00	59.55 2.73 0.00	61.84 3.50 0.00	63.30 3.98 0.00	65.60 4.41 0.00	69.34 4.78 0.00	71.86 5.07 0.00	88.00 6.23 1.21	105.06 9.09 -2.26	130.28 11.92 -9.03	169.51 14.61 -23.27	274.34 16.51 -111.65	317.35 21.09 -111.21	380.88 27.20 -110.77	338.27 31.45 -25.98	282.34 24.82 -25.63	198.73 16.56 -22.88	102.24 7.47 4.71	86.03 4.40 0.00	65.62 2.69 6.23
BAYONEEC___CTG4 323685	75.27 1.84 0.00	65.42 2.75 0.00	61.43 3.26 0.00	54.52 3.04 0.00	54.59 2.79 0.00	59.55 2.73 0.00	61.84 3.50 0.00	63.30 3.98 0.00	65.60 4.41 0.00	69.34 4.78 0.00	71.86 5.07 0.00	88.00 6.23 1.21	105.06 9.09 -2.26	130.28 11.92 -9.03	169.51 14.61 -23.27	274.34 16.51 -111.65	317.35 21.09 -111.21	380.88 27.20 -110.77	338.27 31.45 -25.98	282.34 24.82 -25.63	198.73 16.56 -22.88	102.24 7.47 4.71	86.03 4.40 0.00	65.62 2.69 6.23
BAYONEEC___CTG5 323686	75.27 1.84 0.00	65.42 2.75 0.00	61.43 3.26 0.00	54.52 3.04 0.00	54.59 2.79 0.00	59.55 2.73 0.00	61.84 3.50 0.00	63.30 3.98 0.00	65.60 4.41 0.00	69.34 4.78 0.00	71.86 5.07 0.00	88.00 6.23 1.21	105.06 9.09 -2.26	130.28 11.92 -9.03	169.51 14.61 -23.27	274.34 16.51 -111.65	317.35 21.09 -111.21	380.88 27.20 -110.77	338.27 31.45 -25.98	282.34 24.82 -25.63	198.73 16.56 -22.88	102.24 7.47 4.71	86.03 4.40 0.00	65.62 2.69 6.23
BAYONEEC___CTG6 323687	75.27 1.84 0.00	65.42 2.75 0.00	61.43 3.26 0.00	54.52 3.04 0.00	54.59 2.79 0.00	59.55 2.73 0.00	61.84 3.50 0.00	63.30 3.98 0.00	65.60 4.41 0.00	69.34 4.78 0.00	71.86 5.07 0.00	88.00 6.23 1.21	105.06 9.09 -2.26	130.28 11.92 -9.03	169.51 14.61 -23.27	274.34 16.51 -111.65	317.35 21.09 -111.21	380.88 27.20 -110.77	338.27 31.45 -25.98	282.34 24.82 -25.63	198.73 16.56 -22.88	102.24 7.47 4.71	86.03 4.40 0.00	65.62 2.69 6.23
BAYONEEC___CTG7 323688	75.27 1.84 0.00	65.42 2.75 0.00	61.43 3.26 0.00	54.52 3.04 0.00	54.59 2.79 0.00	59.55 2.73 0.00	61.84 3.50 0.00	63.30 3.98 0.00	65.60 4.41 0.00	69.34 4.78 0.00	71.86 5.07 0.00	88.00 6.23 1.21	105.06 9.09 -2.26	130.28 11.92 -9.03	169.51 14.61 -23.27	274.34 16.51 -111.65	317.35 21.09 -111.21	380.88 27.20 -110.77	338.27 31.45 -25.98	282.34 24.82 -25.63	198.73 16.56 -22.88	102.24 7.47 4.71	86.03 4.40 0.00	65.62 2.69 6.23

BAYONEEC___CTG8 323689	75.27 1.84 0.00	65.42 2.75 0.00	61.43 3.26 0.00	54.52 3.04 0.00	54.59 2.79 0.00	59.55 2.73 0.00	61.84 3.50 0.00	63.30 3.98 0.00	65.60 4.41 0.00	69.34 4.78 0.00	71.86 5.07 0.00	88.00 6.23 1.21	105.06 9.09 -2.26	130.28 11.92 -9.03	169.51 14.61 -23.27	274.34 16.51 -111.65	317.35 21.09 -111.21	380.88 27.20 -110.77	338.27 31.45 -25.98	282.34 24.82 -25.63	198.73 16.56 -22.88	102.24 7.47 4.71	86.03 4.40 0.00	65.62 2.69 6.23
BAYONEEC___CTG9 323749	75.27 1.84 0.00	65.42 2.75 0.00	61.43 3.26 0.00	54.52 3.04 0.00	54.59 2.79 0.00	59.55 2.73 0.00	61.84 3.50 0.00	63.30 3.98 0.00	65.60 4.41 0.00	69.34 4.78 0.00	71.86 5.07 0.00	88.00 6.23 1.21	105.06 9.09 -2.26	130.28 11.92 -9.03	169.51 14.61 -23.27	274.34 16.51 -111.65	317.35 21.09 -111.21	380.88 27.20 -110.77	338.27 31.45 -25.98	282.34 24.82 -25.63	198.73 16.56 -22.88	102.24 7.47 4.71	86.03 4.40 0.00	65.62 2.69 6.23
BEACON___LESR 323632	74.24 0.81 0.00	63.85 1.19 0.00	59.57 1.39 0.00	52.92 1.44 0.00	53.14 1.34 0.00	57.96 1.14 0.00	59.92 1.58 0.00	60.98 1.66 0.00	62.72 1.53 0.00	65.92 1.36 0.00	68.12 1.34 0.00	84.56 1.57 0.00	96.15 2.43 0.00	113.26 3.82 -0.10	136.00 4.60 0.23	78.21 6.14 74.11	102.79 8.70 90.97	147.96 10.94 105.89	154.80 12.93 138.96	109.27 9.96 132.58	75.37 6.69 90.60	105.74 3.68 -2.57	83.50 1.88 0.00	70.13 0.97 0.00
BEAVER RIVER___HYD 24048	75.85 2.42 0.00	64.36 1.69 0.00	59.40 1.22 0.00	52.35 0.87 0.00	52.67 0.88 0.00	58.07 1.25 0.00	59.92 1.58 0.00	60.69 1.37 0.00	62.48 1.29 0.00	66.05 1.49 0.00	68.12 1.34 0.00	84.48 1.50 0.00	95.31 1.59 0.00	108.67 -0.65 0.00	130.57 -1.06 0.00	144.28 -1.90 0.00	182.28 -2.77 0.00	240.24 -2.67 0.00	279.72 -1.12 0.00	233.73 1.85 0.00	160.55 1.27 0.00	103.27 3.78 0.00	85.05 3.43 0.00	72.00 2.84 0.00
BEEBEE_GT_13 23619	75.56 2.13 0.00	62.79 0.13 0.00	57.94 -0.23 0.00	50.96 -0.51 0.00	51.38 -0.41 0.00	56.09 -0.74 0.00	57.93 -0.41 0.00	58.85 -0.47 0.00	61.62 0.43 0.00	65.21 0.65 0.00	68.06 1.27 0.00	84.73 1.74 0.00	95.97 2.25 0.00	110.20 0.87 0.00	133.60 1.97 0.00	147.50 1.32 0.00	184.31 -0.74 0.00	241.20 -1.70 0.00	279.15 -1.69 0.00	232.35 0.46 0.00	159.76 0.48 0.00	100.28 0.80 0.00	82.85 1.22 0.00	69.78 0.62 0.00
BENSHRST_27_KV_BENSHRST_1 355998	75.77 2.35 0.01	65.67 3.01 0.00	61.43 3.26 0.00	55.24 3.76 0.00	54.80 3.00 0.00	59.44 2.61 0.00	61.78 3.44 0.00	63.72 4.39 -0.01	66.03 4.83 0.00	69.67 5.10 0.00	72.26 5.48 0.00	100.90 7.05 -10.86	122.57 9.75 -19.11	153.67 12.24 -32.10	170.18 15.27 -23.29	275.17 17.25 -111.74	318.44 22.02 -111.36	382.54 28.66 -110.97	339.96 33.14 -25.98	283.72 26.20 -25.63	199.69 17.52 -22.89	103.23 8.46 4.72	86.60 4.98 0.01	66.10 3.18 6.24
BETHLEHEM___GRP 23843	72.92 -0.51 0.00	62.79 0.13 0.00	58.70 0.52 0.00	52.30 0.82 0.00	52.42 0.62 0.00	57.05 0.23 0.00	58.92 0.58 0.00	60.04 0.71 0.00	61.74 0.55 0.00	64.95 0.39 0.00	67.05 0.27 0.00	83.32 0.33 0.00	94.93 1.22 0.00	111.62 2.19 -0.10	134.03 2.63 0.23	108.79 3.65 41.04	139.39 5.37 51.03	190.10 6.80 59.61	231.22 7.58 57.20	183.72 5.57 53.73	131.62 3.66 31.32	103.79 1.79 -2.51	82.03 0.41 0.00	68.88 -0.28 0.00
BETHLEHEM___GS1 323560	72.92 -0.51 0.00	62.79 0.13 0.00	58.70 0.52 0.00	52.20 0.72 0.00	52.42 0.62 0.00	57.05 0.23 0.00	58.92 0.58 0.00	60.04 0.71 0.00	61.74 0.55 0.00	64.96 0.39 0.00	67.06 0.27 0.00	83.24 0.25 0.00	94.75 1.03 0.00	111.62 2.19 -0.10	133.89 2.49 0.23	108.64 3.50 41.04	139.19 5.17 51.03	189.60 6.31 59.61	231.22 7.59 57.20	183.71 5.56 53.73	131.62 3.67 31.32	103.69 1.69 -2.51	82.04 0.41 0.00	68.95 -0.21 0.00
BETHLEHEM___GS2 323561	72.92 -0.51 0.00	62.79 0.13 0.00	58.70 0.52 0.00	52.20 0.72 0.00	52.42 0.62 0.00	57.05 0.23 0.00	58.92 0.58 0.00	60.04 0.71 0.00	61.74 0.55 0.00	64.96 0.39 0.00	67.06 0.27 0.00	83.24 0.25 0.00	94.75 1.03 0.00	111.62 2.19 -0.10	133.89 2.49 0.23	108.64 3.50 41.04	139.19 5.17 51.03	189.60 6.31 59.61	231.22 7.59 57.20	183.71 5.56 53.73	131.62 3.67 31.32	103.69 1.69 -2.51	82.04 0.41 0.00	68.95 -0.21 0.00
BETHLEHEM___GS3 323562	72.92 -0.51 0.00	62.79 0.13 0.00	58.70 0.52 0.00	52.20 0.72 0.00	52.42 0.62 0.00	57.05 0.23 0.00	58.92 0.58 0.00	60.04 0.71 0.00	61.74 0.55 0.00	64.96 0.39 0.00	67.06 0.27 0.00	83.24 0.25 0.00	94.75 1.03 0.00	111.62 2.19 -0.10	133.89 2.49 0.23	108.64 3.50 41.04	139.19 5.17 51.03	189.60 6.31 59.61	231.22 7.59 57.20	183.71 5.56 53.73	131.62 3.67 31.32	103.69 1.69 -2.51	82.04 0.41 0.00	68.95 -0.21 0.00
BETHLEHEM___STEEL 23779	76.00 2.57 0.00	62.92 0.25 0.00	57.71 -0.47 0.00	50.71 -0.77 0.00	51.07 -0.73 0.00	55.74 -1.08 0.00	57.46 -0.88 0.00	58.08 -1.25 0.00	61.25 0.06 0.00	64.89 0.32 0.00	67.72 0.94 0.00	84.32 1.33 0.00	95.68 1.97 0.00	109.00 -0.33 0.00	132.42 0.79 0.00	145.30 -0.88 0.00	179.69 -5.37 0.00	234.40 -8.50 0.00	274.67 -8.99 -2.82	230.07 -4.64 -2.82	159.33 -2.71 -2.76	98.79 -0.70 0.00	82.36 0.73 0.00	69.71 0.55 0.00
BETHLHEM_115KV_TB1 79974	73.06 -0.37 0.00	62.92 0.25 0.00	58.82 0.64 0.00	52.41 0.93 0.00	52.47 0.67 0.00	57.16 0.34 0.00	59.10 0.76 0.00	60.15 0.83 0.00	61.86 0.67 0.00	65.15 0.58 0.00	67.25 0.47 0.00	83.49 0.50 0.00	95.22 1.50 0.00	111.94 2.51 -0.10	134.30 2.90 0.23	111.42 3.95 38.71	142.59 5.74 48.20	193.87 7.29 56.32	236.29 8.14 52.69	188.49 6.03 49.43	134.89 3.98 28.37	103.97 2.09 -2.40	82.20 0.57 0.00	69.09 -0.07 0.00
BETHPAGE_CC_5 323564	76.82 3.38 -0.01	66.81 4.13 -0.01	62.43 4.24 -0.01	55.35 3.86 -0.01	55.43 3.62 -0.01	60.41 3.58 -0.01	62.48 4.14 0.00	64.25 4.92 -0.01	66.64 5.44 -0.01	70.58 6.01 -0.01	71.60 4.81 0.00	97.49 6.48 -8.03	103.43 9.65 -0.06	123.26 12.68 -1.26	172.58 15.66 -25.29	288.23 17.68 -124.37	345.51 22.20 -138.26	389.42 29.38 -117.13	342.30 33.69 -27.78	288.61 26.66 -30.07	196.05 17.21 -19.57	107.42 7.47 -0.46	85.71 4.08 0.00	68.06 3.32 4.42
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	76.15 2.72 0.00	62.98 0.31 0.00	57.77 -0.41 0.00	50.81 -0.67 0.00	51.17 -0.62 0.00	55.80 -1.02 0.00	57.64 -0.70 0.00	58.26 -1.07 0.00	61.38 0.18 0.00	65.08 0.52 0.00	67.92 1.14 0.00	84.65 1.66 0.00	96.06 2.34 0.00	109.55 0.22 0.00	132.94 1.32 0.00	145.89 -0.29 0.00	180.61 -4.44 0.00	235.86 -7.04 0.00	276.11 -7.58 -2.86	231.26 -3.48 -2.86	160.16 -1.91 -2.79	99.19 -0.30 0.00	82.61 0.98 0.00	69.85 0.69 0.00
BINGHAMTON___COGEN 23790	74.68 1.25 0.00	63.23 0.56 0.00	58.70 0.52 0.00	51.94 0.46 0.00	52.16 0.36 0.00	57.05 0.23 0.00	59.04 0.70 0.00	60.04 0.71 0.00	62.29 1.10 0.00	65.79 1.23 0.00	68.32 1.54 0.00	85.06 2.07 0.00	96.81 3.09 0.00	112.50 3.17 0.00	135.97 4.34 0.00	150.27 4.09 0.00	189.31 4.26 0.00	248.01 5.10 0.00	293.21 6.46 -5.91	244.06 6.26 -5.91	169.52 4.46 -5.78	102.48 2.79 -0.20	83.58 1.96 0.00	70.20 1.04 0.00

BIXINCNT_115KV_LOAD 355685	76.07 2.64 0.00	63.10 0.44 0.00	57.89 -0.29 0.00	50.96 -0.51 0.00	51.33 -0.47 0.00	55.97 -0.85 0.00	58.05 -0.29 0.00	58.73 -0.59 0.00	61.86 0.67 0.00	65.60 1.03 0.00	68.46 1.67 0.00	85.40 2.41 0.00	97.00 3.28 0.00	110.75 1.42 0.00	134.39 2.76 0.00	147.35 1.17 0.00	182.46 -2.59 0.00	237.56 -5.34 0.00	278.55 -5.34 -3.05	233.78 -1.16 -3.05	162.10 -0.16 -2.98	100.28 0.80 0.00	83.26 1.63 0.00	70.20 1.04 0.00
BLACK RIVER___HYD 24047	77.10 3.67 0.00	65.36 2.69 0.00	60.33 2.15 0.00	53.23 1.75 0.00	53.45 1.66 0.00	58.93 2.10 0.00	60.97 2.63 0.00	61.76 2.43 0.00	63.58 2.38 0.00	66.96 2.39 0.00	69.06 2.27 0.00	85.64 2.65 0.00	96.80 3.09 0.00	110.42 1.09 0.00	132.81 1.18 0.00	147.06 0.88 0.00	185.80 0.74 0.00	245.09 2.18 0.00	286.45 5.61 0.00	240.22 8.34 0.00	165.01 5.73 0.00	106.15 6.67 0.00	86.61 4.98 0.00	73.03 3.87 0.00
BLACKRVR_115KV_TB2 79977	77.10 3.67 0.00	65.36 2.69 0.00	60.33 2.15 0.00	53.18 1.70 0.00	53.45 1.66 0.00	58.93 2.10 0.00	60.91 2.57 0.00	61.76 2.43 0.00	63.58 2.39 0.00	66.95 2.39 0.00	69.06 2.27 0.00	85.64 2.66 0.00	96.81 3.09 0.00	110.42 1.09 0.00	132.81 1.18 0.00	147.06 0.88 0.00	185.79 0.74 0.00	245.09 2.19 0.00	286.46 5.62 0.00	240.46 8.58 0.00	165.17 5.89 0.00	106.05 6.57 0.00	86.60 4.98 0.00	73.03 3.87 0.00
BLDWN_LI_69_KV_BK4 356085	77.62 4.19 0.00	67.30 4.64 0.00	62.89 4.71 0.00	55.91 4.43 0.00	55.78 3.99 0.00	60.86 4.03 0.00	62.83 4.49 0.00	64.54 5.22 0.00	66.94 5.75 0.00	70.89 6.33 0.00	72.20 5.41 0.00	115.56 6.97 -25.60	106.37 10.40 -2.25	124.85 13.23 -2.30	177.51 16.32 -29.57	339.11 18.56 -174.37	377.36 23.50 -168.81	425.21 31.09 -151.22	365.98 35.39 -49.75	321.19 28.06 -61.25	200.33 18.16 -22.89	108.61 8.66 -0.47	87.44 5.80 -0.02	72.09 3.04 0.12
BLISS_WT_PWR 323608	76.07 2.64 0.00	63.04 0.38 0.00	57.83 -0.35 0.00	51.58 0.10 0.00	51.28 -0.52 0.00	55.97 -0.85 0.00	58.11 -0.23 0.00	58.73 -0.59 0.00	61.87 0.67 0.00	65.60 1.03 0.00	68.52 1.73 0.00	85.40 2.41 0.00	96.99 3.28 0.00	111.18 1.86 0.00	134.52 2.89 0.00	147.79 1.61 0.00	182.84 -2.21 0.00	238.77 -4.13 0.00	277.44 -6.45 -3.05	231.69 -3.25 -3.05	161.31 -0.95 -2.98	100.88 1.39 0.00	83.34 1.72 0.00	70.20 1.04 0.00
BLUESTONE___WT_PWR 323821	78.49 5.06 0.00	66.55 3.89 0.00	61.73 3.55 0.00	54.67 3.19 0.00	54.75 2.95 0.00	60.06 3.24 0.00	62.48 4.14 0.00	63.48 4.15 0.00	65.66 4.46 0.00	69.22 4.65 0.00	71.80 5.01 0.00	89.38 6.39 0.00	101.49 7.77 0.00	118.83 9.51 0.00	143.34 11.71 0.00	159.05 12.87 0.00	200.40 15.35 0.00	263.54 20.64 0.00	313.89 24.42 -8.63	262.08 21.57 -8.63	182.36 14.64 -8.43	109.42 9.55 -0.38	88.07 6.45 0.00	73.80 4.63 0.00
BLUE_CIRC_CHEM_DRP 24182	72.62 -0.81 0.00	62.48 -0.19 0.00	58.35 0.17 0.00	51.89 0.41 0.00	52.00 0.21 0.00	56.77 -0.06 0.00	58.57 0.23 0.00	59.38 0.06 0.00	60.95 -0.24 0.00	63.98 -0.58 0.00	66.05 -0.73 0.00	81.85 -1.00 0.15	90.11 -0.28 3.33	107.95 0.33 1.70	123.87 0.39 8.15	109.34 1.02 37.86	131.88 2.04 55.21	166.55 2.91 79.27	194.25 3.37 89.96	158.49 2.78 76.18	128.90 1.91 32.29	98.10 0.99 2.39	81.38 -0.24 0.00	68.47 -0.69 0.00
BOC_GAS_DRP 24189	73.50 0.07 0.00	63.23 0.56 0.00	59.11 0.93 0.00	52.56 1.08 0.00	52.67 0.88 0.00	57.51 0.68 0.00	59.39 1.05 0.00	60.39 1.07 0.00	62.17 0.98 0.00	65.53 0.97 0.00	67.72 0.94 0.00	84.08 1.08 -0.01	96.08 2.16 -0.21	112.71 3.17 -0.21	135.73 3.82 -0.29	125.02 4.53 25.69	159.05 5.92 31.92	214.19 7.77 36.49	264.36 8.99 25.47	214.59 6.72 24.02	151.94 4.62 11.96	103.89 2.39 -2.02	82.61 0.98 0.00	69.51 0.35 0.00
BOONVILLE_115KV_TB1 79983	75.56 2.13 0.00	64.30 1.63 0.00	59.57 1.40 0.00	52.56 1.08 0.00	52.83 1.04 0.00	58.07 1.25 0.00	59.97 1.63 0.00	60.93 1.60 0.00	62.91 1.71 0.00	66.50 1.94 0.00	68.79 2.00 0.00	85.40 2.41 0.00	96.72 3.00 0.00	112.28 2.95 0.00	135.18 3.55 0.00	149.84 3.65 0.00	189.31 4.26 0.00	248.73 5.83 0.00	288.70 7.86 0.00	239.77 7.88 0.00	164.70 5.42 0.00	103.86 4.38 0.00	84.89 3.27 0.00	71.58 2.42 0.00
BORALEX_4TH_BRANCH 23824	75.78 2.35 0.00	65.36 2.69 0.00	61.09 2.91 0.00	54.26 2.78 0.00	54.33 2.54 0.00	59.38 2.56 0.00	61.37 3.03 0.00	62.71 3.38 0.00	64.50 3.30 0.00	67.73 3.16 0.00	69.79 3.01 0.00	86.72 3.73 0.00	99.25 5.53 0.00	117.10 7.65 -0.12	140.32 8.95 0.26	179.75 10.82 -22.76	225.05 14.25 -25.74	290.89 18.70 -29.28	414.17 21.62 -111.70	358.80 17.39 -109.53	264.83 11.79 -93.76	109.62 6.77 -3.37	85.71 4.08 0.00	71.86 2.70 0.00
BOWLINE___1 23526	74.60 1.17 0.00	64.61 1.94 0.00	60.51 2.33 0.00	53.59 2.11 0.00	53.71 1.92 0.00	58.59 1.76 0.00	60.85 2.51 0.00	62.23 2.91 0.00	64.37 3.18 0.00	68.18 3.61 0.00	70.59 3.80 0.00	87.72 4.73 0.00	100.75 7.03 0.00	117.03 9.51 1.81	144.40 11.85 -0.92	177.30 13.60 -17.52	246.56 17.39 -44.12	327.70 22.59 -62.20	331.48 25.82 -24.82	276.54 20.16 -24.49	194.59 13.38 -21.93	106.11 6.17 -0.45	85.05 3.43 0.00	71.09 1.93 0.00
BOWLINE___2 23595	74.60 1.17 0.00	64.61 1.94 0.00	60.51 2.33 0.00	53.59 2.11 0.00	53.71 1.92 0.00	58.59 1.76 0.00	60.85 2.51 0.00	62.29 2.96 0.00	64.37 3.18 0.00	68.18 3.61 0.00	70.59 3.80 0.00	87.72 4.73 0.00	100.75 7.03 0.00	117.14 9.62 1.81	144.39 11.85 -0.91	177.28 13.60 -17.51	246.57 17.39 -44.13	327.74 22.59 -62.24	331.48 25.82 -24.82	276.54 20.16 -24.49	194.59 13.38 -21.93	106.11 6.17 -0.45	85.05 3.43 0.00	71.09 1.93 0.00
BRADY___115KV_TB2 356060	75.34 1.91 0.00	64.11 1.44 0.00	59.05 0.87 0.00	52.04 0.57 0.00	52.67 0.88 0.00	58.24 1.42 0.00	59.22 0.88 0.00	59.80 0.47 0.00	61.07 -0.12 0.00	64.18 -0.39 0.00	66.05 -0.73 0.00	81.74 -1.24 0.00	90.34 -3.37 0.00	103.31 -6.01 0.00	123.86 -7.77 0.00	137.56 -8.62 0.00	174.88 -10.18 0.00	230.76 -12.15 0.00	267.92 -12.92 0.00	222.61 -9.28 0.00	153.07 -6.21 0.00	97.00 -2.49 0.00	82.20 0.57 0.00	70.68 1.52 0.00
BRANSCOMB___SOLAR 323811	76.51 3.08 0.00	65.67 3.01 0.00	61.20 3.02 0.00	54.21 2.73 0.00	54.38 2.59 0.00	59.50 2.67 0.00	61.55 3.21 0.00	62.53 3.20 0.00	64.19 3.00 0.00	67.21 2.65 0.00	69.19 2.40 0.00	85.97 2.98 0.00	97.94 4.22 0.00	115.11 5.68 -0.10	138.38 6.97 0.22	173.67 8.92 -18.57	218.07 12.02 -20.99	282.81 16.03 -23.88	414.01 19.65 -113.52	360.33 16.71 -111.74	269.74 12.10 -98.36	111.48 7.47 -4.53	86.36 4.73 0.00	72.34 3.18 0.00
BRDGHMPT_69_KV_BK1 55812	79.75 6.32 0.00	69.43 6.77 0.00	64.87 6.69 0.00	57.40 5.92 0.00	57.03 5.23 0.00	62.11 5.28 0.00	64.06 5.72 0.00	66.26 6.94 0.00	69.27 8.08 0.00	73.99 9.43 0.00	74.94 8.15 0.00	97.14 11.29 -2.86	108.82 15.74 0.64	129.87 19.68 -0.87	179.50 23.82 -24.05	278.18 22.95 -109.05	341.33 28.68 -127.59	386.41 38.38 -105.13	342.12 41.28 -20.00	283.05 30.84 -20.33	200.20 22.62 -18.31	110.30 10.35 -0.46	87.58 5.96 0.00	66.11 3.25 6.30

BRENTWOD_69_KV_W. BRTWOOD 56703	78.13 4.70 0.00	68.06 5.39 0.00	63.59 5.41 0.00	56.42 4.94 0.00	56.25 4.45 0.00	61.37 4.55 0.00	63.47 5.13 0.00	65.32 5.99 0.00	67.80 6.61 0.00	71.93 7.36 0.00	72.23 5.41 -0.03	93.43 7.05 -3.39	104.06 10.87 0.53	123.35 13.12 -0.91	171.72 15.93 -24.17	274.13 17.25 -110.70	335.81 22.02 -128.73	378.75 29.39 -106.45	334.85 33.14 -20.87	279.03 25.74 -21.41	195.12 17.36 -18.48	107.51 7.56 -0.46	86.96 5.31 -0.03	65.40 2.35 6.11
BRISTLHL_115KV_TB1 79998	72.62 -0.81 0.00	61.66 -1.00 0.00	57.25 -0.93 0.00	50.60 -0.88 0.00	50.81 -0.98 0.00	55.69 -1.14 0.00	57.46 -0.88 0.00	58.49 -0.83 0.00	60.52 -0.67 0.00	63.86 -0.71 0.00	66.25 -0.53 0.00	82.41 -0.58 0.00	93.53 -0.19 0.00	109.00 -0.33 0.00	131.50 -0.13 0.00	145.74 -0.44 0.00	184.13 -0.93 0.00	241.45 -1.46 0.00	279.72 -1.12 0.00	231.42 -0.46 0.00	158.96 -0.32 0.00	99.29 -0.20 0.00	81.14 -0.49 0.00	68.33 -0.83 0.00
BROOKHAVEN___DRP 24191	77.40 3.97 0.00	67.43 4.76 0.00	62.95 4.77 0.00	55.85 4.38 0.00	55.58 3.78 0.00	60.63 3.81 0.00	62.66 4.32 0.00	64.54 5.22 0.00	67.13 5.94 0.00	71.28 6.71 0.00	71.60 4.81 0.00	92.64 6.81 -2.85	103.57 10.50 0.64	123.64 13.45 -0.86	172.00 16.32 -24.05	271.42 16.23 -109.01	332.98 20.36 -127.57	375.70 27.69 -105.10	331.71 30.89 -19.98	275.84 23.65 -20.31	194.94 17.36 -18.30	107.51 7.56 -0.46	85.87 4.24 0.00	64.45 1.59 6.30
BROOKLYN_NAVY_YARD 23515	75.41 1.98 0.00	65.55 2.88 0.00	61.49 3.31 0.00	54.52 3.04 0.00	54.64 2.85 0.00	59.55 2.73 0.00	61.96 3.62 0.00	63.48 4.15 0.00	65.78 4.59 0.00	69.54 4.97 0.00	72.06 5.27 0.00	89.47 6.48 0.00	103.51 9.28 -0.52	124.71 12.24 -3.14	169.77 14.87 -23.27	280.63 17.09 -117.36	338.91 21.64 -132.22	388.36 28.16 -117.29	344.51 32.56 -31.11	288.57 25.74 -30.94	202.00 17.21 -25.51	107.81 7.86 -0.47	86.36 4.73 0.00	72.06 2.90 0.00
BROOKLYN___ARMY_DRP 323595	75.26 1.84 0.01	65.24 2.57 0.00	61.09 2.91 0.00	54.93 3.45 0.00	54.54 2.75 0.00	59.15 2.33 0.00	61.43 3.09 0.00	63.36 4.03 -0.01	65.60 4.41 0.00	69.21 4.65 0.00	71.73 4.94 0.00	99.56 6.39 -10.18	110.20 9.00 -7.49	134.94 11.26 -14.35	169.13 14.22 -23.29	273.86 15.93 -111.74	316.77 20.36 -111.36	380.35 26.48 -110.97	337.43 30.61 -25.98	281.40 23.88 -25.63	198.09 15.93 -22.89	102.33 7.56 4.72	85.94 4.33 0.01	65.62 2.70 6.24
BROOME_2_LFGE 323671	74.68 1.25 0.00	63.23 0.56 0.00	58.70 0.52 0.00	52.10 0.62 0.00	52.16 0.37 0.00	57.05 0.23 0.00	59.04 0.70 0.00	60.04 0.71 0.00	62.23 1.04 0.00	65.79 1.22 0.00	68.32 1.54 0.00	85.06 2.08 0.00	96.62 2.91 0.00	112.60 3.28 0.00	135.96 4.34 0.00	150.42 4.24 0.00	189.31 4.26 0.00	248.50 5.59 0.00	293.21 6.46 -5.91	243.60 5.80 -5.91	169.36 4.30 -5.78	102.67 2.98 -0.20	83.58 1.96 0.00	70.20 1.04 0.00
BROOME___LFGE 323600	74.68 1.25 0.00	63.23 0.56 0.00	58.70 0.52 0.00	52.10 0.62 0.00	52.16 0.37 0.00	57.05 0.23 0.00	59.04 0.70 0.00	60.04 0.71 0.00	62.23 1.04 0.00	65.79 1.22 0.00	68.32 1.54 0.00	85.06 2.08 0.00	96.62 2.91 0.00	112.60 3.28 0.00	135.96 4.34 0.00	150.42 4.24 0.00	189.31 4.26 0.00	248.50 5.59 0.00	293.21 6.46 -5.91	243.60 5.80 -5.91	169.36 4.30 -5.78	102.67 2.98 -0.20	83.58 1.96 0.00	70.20 1.04 0.00
BROWNFLS_115KV_TB_3_5 80003	74.97 1.54 0.00	63.73 1.07 0.00	58.76 0.58 0.00	51.79 0.31 0.00	52.26 0.47 0.00	57.68 0.85 0.00	59.16 0.82 0.00	59.86 0.53 0.00	61.31 0.12 0.00	64.63 0.06 0.00	66.65 -0.13 0.00	82.57 -0.41 0.00	92.31 -1.41 0.00	105.28 -4.05 0.00	126.36 -5.27 0.00	139.89 -6.29 0.00	177.10 -7.96 0.00	233.43 -9.47 0.00	271.29 -9.55 0.00	226.09 -5.80 0.00	155.30 -3.98 0.00	99.39 -0.10 0.00	83.18 1.55 0.00	70.89 1.73 0.00
BROWNSV1_27_KV_LOAD 356125	76.37 2.94 0.00	66.30 3.63 0.00	62.19 4.01 0.00	55.34 3.86 0.00	55.21 3.42 0.00	60.18 3.35 0.00	62.54 4.20 0.00	64.07 4.75 0.00	66.39 5.20 0.00	70.31 5.75 0.00	72.86 6.08 0.00	90.46 7.47 0.00	104.68 10.96 0.00	125.41 13.78 -2.31	171.75 16.85 -23.27	277.13 19.30 -111.65	337.98 24.43 -128.50	385.50 31.82 -110.77	343.05 36.23 -25.98	285.80 28.29 -25.63	201.44 19.27 -22.88	109.40 9.45 -0.47	87.34 5.71 0.00	72.96 3.80 0.00
BURROWS___LYONSDAL 23803	75.56 2.13 0.00	64.23 1.57 0.00	59.46 1.28 0.00	52.46 0.98 0.00	52.73 0.93 0.00	58.02 1.19 0.00	59.92 1.58 0.00	60.81 1.48 0.00	62.78 1.59 0.00	66.44 1.87 0.00	68.66 1.87 0.00	85.23 2.24 0.00	96.43 2.72 0.00	111.51 2.19 0.00	134.39 2.76 0.00	148.52 2.34 0.00	187.64 2.59 0.00	246.79 3.89 0.00	286.74 5.90 0.00	238.61 6.72 0.00	163.74 4.46 0.00	103.67 4.18 0.00	84.89 3.27 0.00	71.65 2.49 0.00
CAITHNESS_CC_1 323624	77.26 3.82 -0.01	67.31 4.64 -0.01	62.84 4.66 -0.01	55.55 4.07 -0.01	55.53 3.73 -0.01	60.58 3.75 -0.01	62.60 4.26 0.00	64.55 5.22 -0.01	67.07 5.88 -0.01	71.16 6.59 -0.01	71.46 4.67 0.00	92.38 6.55 -2.84	102.91 9.84 0.64	123.09 12.89 -0.87	171.46 15.79 -24.04	271.53 16.37 -108.98	332.95 20.36 -127.54	375.42 27.44 -105.07	331.97 31.17 -19.96	276.74 24.57 -20.28	194.63 17.05 -18.30	107.12 7.17 -0.46	84.89 3.27 0.00	65.89 3.04 6.31
CALPINE BETH_PAGE_GT4 24209	76.66 3.23 0.00	66.68 4.01 0.00	62.31 4.13 0.00	55.44 3.96 0.00	55.32 3.52 0.00	60.29 3.47 0.00	62.37 4.03 0.00	64.13 4.81 0.00	66.45 5.26 0.00	70.44 5.88 0.00	71.53 4.74 0.00	99.63 6.39 -10.25	104.03 9.93 -0.38	123.46 12.68 -1.45	172.99 15.53 -25.83	295.00 17.69 -131.13	350.26 22.21 -143.00	394.83 29.39 -122.54	345.29 33.14 -31.31	292.51 26.20 -34.43	196.51 17.04 -20.19	107.51 7.56 -0.46	86.37 4.73 -0.01	67.58 2.01 3.58
CALPINE_BETH_PAGE_GT_4 323586	76.75 3.31 -0.01	66.69 4.01 -0.01	62.32 4.13 -0.01	55.20 3.71 -0.01	55.33 3.52 -0.01	60.30 3.47 -0.01	62.36 4.02 0.00	64.14 4.80 -0.01	66.52 5.32 -0.01	70.45 5.87 -0.01	71.60 4.81 0.00	99.72 6.48 -10.25	103.66 9.56 -0.38	123.35 12.57 -1.46	172.99 15.52 -25.83	294.99 17.68 -131.13	350.25 22.20 -143.00	394.82 29.38 -122.54	345.83 33.69 -31.31	293.20 26.89 -34.43	196.68 17.21 -20.19	107.42 7.47 -0.46	85.71 4.08 -0.01	68.90 3.32 3.58
CALPINE_BP_GT1 23823	76.75 3.31 -0.01	66.69 4.01 -0.01	62.32 4.13 -0.01	55.20 3.71 -0.01	55.33 3.52 -0.01	60.30 3.47 -0.01	62.36 4.02 0.00	64.14 4.80 -0.01	66.52 5.32 -0.01	70.45 5.87 -0.01	71.60 4.81 0.00	99.72 6.48 -10.25	103.66 9.56 -0.38	123.35 12.57 -1.46	172.99 15.52 -25.83	294.99 17.68 -131.13	350.25 22.20 -143.00	394.82 29.38 -122.54	345.83 33.69 -31.31	293.20 26.89 -34.43	196.68 17.21 -20.19	107.42 7.47 -0.46	85.71 4.08 -0.01	68.90 3.32 3.58
CALSPAN___DRP 24200	76.00 2.57 0.00	62.92 0.25 0.00	57.71 -0.47 0.00	50.71 -0.77 0.00	51.07 -0.73 0.00	55.74 -1.08 0.00	57.46 -0.88 0.00	58.08 -1.25 0.00	61.25 0.06 0.00	64.89 0.32 0.00	67.72 0.94 0.00	84.32 1.33 0.00	95.68 1.97 0.00	109.00 -0.33 0.00	132.42 0.79 0.00	145.30 -0.88 0.00	179.69 -5.37 0.00	234.40 -8.50 0.00	274.67 -8.99 -2.82	230.07 -4.64 -2.82	159.33 -2.71 -2.76	98.79 -0.70 0.00	82.36 0.73 0.00	69.71 0.55 0.00

CALVERTON___SOLAR 323806	77.70 4.26 -0.01	67.62 4.95 -0.01	63.19 5.00 -0.01	55.76 4.27 -0.01	55.74 3.93 -0.01	60.81 3.98 -0.01	62.83 4.49 0.00	64.79 5.45 -0.01	67.32 6.12 -0.01	71.61 7.04 -0.01	72.00 5.21 0.00	93.15 7.30 -2.85	103.85 10.77 0.64	124.20 14.00 -0.87	172.91 17.24 -24.05	272.74 17.53 -109.02	334.64 22.01 -127.58	377.64 29.62 -105.11	334.51 33.69 -19.98	278.39 26.20 -20.31	196.05 18.47 -18.30	107.81 7.86 -0.46	85.30 3.68 0.00	66.25 3.39 6.30
CANDIGU_WT_PWR 323617	75.56 2.13 0.00	63.17 0.50 0.00	58.23 0.06 0.00	51.79 0.31 0.00	51.64 -0.15 0.00	56.43 -0.40 0.00	58.40 0.06 0.00	58.97 -0.35 0.00	61.44 0.25 0.00	64.89 0.32 0.00	67.52 0.74 0.00	84.15 1.16 0.00	95.31 1.59 0.00	109.99 0.66 0.00	133.08 1.45 0.00	146.62 0.44 0.00	183.02 -2.03 0.00	240.48 -2.43 0.00	281.85 -2.81 -3.82	235.70 0.00 -3.82	164.28 1.27 -3.73	101.60 1.99 -0.13	83.50 1.88 0.00	70.26 1.10 0.00
CARR STREET_E_SYR 24060	72.77 -0.66 0.00	61.73 -0.94 0.00	57.24 -0.93 0.00	50.76 -0.72 0.00	50.86 -0.93 0.00	55.69 -1.14 0.00	57.52 -0.82 0.00	58.55 -0.77 0.00	60.70 -0.49 0.00	64.12 -0.45 0.00	66.52 -0.27 0.00	82.82 -0.17 0.00	93.90 0.19 0.00	109.66 0.33 0.00	132.16 0.53 0.00	146.47 0.29 0.00	184.87 -0.18 0.00	242.42 -0.48 0.00	280.28 -0.56 0.00	231.65 -0.23 0.00	159.12 -0.16 0.00	99.69 0.20 0.00	81.30 -0.33 0.00	68.40 -0.76 0.00
CARTHAGE___PAPER 23857	76.37 2.94 0.00	64.80 2.13 0.00	59.80 1.63 0.00	52.71 1.23 0.00	53.04 1.24 0.00	58.47 1.65 0.00	60.38 2.04 0.00	61.16 1.84 0.00	62.84 1.65 0.00	66.31 1.74 0.00	68.39 1.60 0.00	84.73 1.75 0.00	95.69 1.97 0.00	107.47 -1.86 0.00	129.26 -2.37 0.00	142.96 -3.22 0.00	180.61 -4.44 0.00	238.54 -4.37 0.00	278.31 -2.53 0.00	233.05 1.17 0.00	160.24 0.96 0.00	104.46 4.97 0.00	85.79 4.16 0.00	72.48 3.32 0.00
CASSADAGA_WT_PWR 323784	76.96 3.52 0.00	63.80 1.13 0.00	58.53 0.35 0.00	52.15 0.67 0.00	51.85 0.05 0.00	56.60 -0.23 0.00	58.75 0.41 0.00	59.50 0.18 0.00	62.48 1.29 0.00	66.44 1.87 0.00	69.39 2.60 0.00	86.56 3.57 0.00	98.31 4.59 0.00	112.72 3.39 0.00	136.36 4.73 0.00	149.97 3.79 0.00	185.98 0.93 0.00	243.88 0.98 0.00	283.65 -0.28 -3.09	235.91 0.93 -3.09	163.90 1.59 -3.02	102.27 2.78 0.00	84.48 2.86 0.00	70.96 1.80 0.00
CE_DUNWOOD___DRP 24194	75.34 1.91 0.00	65.30 2.63 0.00	61.20 3.03 0.00	54.41 2.93 0.00	54.33 2.54 0.00	59.27 2.44 0.00	61.49 3.15 0.00	63.00 3.68 0.00	65.11 3.92 0.00	69.02 4.46 0.00	71.33 4.54 0.00	88.72 5.73 0.00	102.34 8.62 0.00	122.90 11.15 -2.43	168.12 13.69 -22.80	270.49 15.64 -108.67	328.10 19.99 -123.06	373.08 25.99 -104.18	335.99 29.21 -25.94	279.97 22.49 -25.59	197.26 15.13 -22.85	107.31 7.36 -0.46	85.79 4.16 0.00	71.79 2.63 0.00
CE_MILLWOOD___DRP 24193	75.19 1.76 0.00	65.11 2.44 0.00	61.03 2.85 0.00	54.26 2.78 0.00	54.18 2.38 0.00	59.10 2.27 0.00	61.32 2.98 0.00	62.76 3.44 0.00	64.92 3.73 0.00	68.76 4.20 0.00	71.06 4.27 0.00	88.38 5.39 0.00	101.87 8.15 0.00	122.27 10.60 -2.34	165.98 13.03 -21.32	262.59 14.91 -101.49	318.17 19.06 -114.05	363.44 24.78 -95.76	334.75 28.08 -25.83	278.93 21.57 -25.48	196.53 14.49 -22.76	107.01 7.06 -0.46	85.63 4.00 0.00	71.65 2.49 0.00
CE_NYC2_DRP 24202	66.27 1.40 8.56	65.05 2.38 0.00	61.03 2.85 0.00	54.77 3.29 0.00	54.49 2.69 0.00	59.10 2.27 0.00	61.43 3.09 0.00	63.18 3.86 0.00	65.29 4.10 0.00	68.89 4.33 0.00	71.33 4.54 0.00	89.01 5.81 -0.21	98.61 8.81 3.92	111.57 11.15 8.91	168.34 13.43 -23.29	273.42 15.50 -111.74	316.21 19.80 -111.36	379.38 25.51 -110.97	336.03 29.21 -25.98	280.01 22.49 -25.63	197.30 15.13 -22.89	101.83 7.06 4.72	77.64 3.84 7.82	65.27 2.35 6.24
CE_NYC_DRP 24195	75.56 2.13 0.00	65.67 3.01 0.00	61.61 3.43 0.00	54.82 3.35 0.00	54.69 2.90 0.00	59.67 2.84 0.00	61.96 3.62 0.00	63.48 4.15 0.00	65.72 4.53 0.00	69.60 5.04 0.00	72.06 5.28 0.00	89.55 6.56 0.00	103.46 9.75 0.00	135.08 12.46 -13.29	178.78 15.14 -32.02	275.06 17.25 -111.63	335.55 22.02 -128.47	382.31 28.66 -110.74	339.13 32.30 -26.00	282.56 25.04 -25.63	199.05 16.88 -22.88	108.11 8.16 -0.47	86.28 4.65 0.00	72.20 3.04 0.00
CHAFFEE___LFGE 323603	76.22 2.79 0.00	63.04 0.38 0.00	57.83 -0.35 0.00	51.58 0.10 0.00	51.23 -0.57 0.00	55.86 -0.97 0.00	57.76 -0.58 0.00	58.32 -1.01 0.00	61.44 0.25 0.00	65.15 0.58 0.00	67.99 1.20 0.00	84.73 1.75 0.00	96.15 2.43 0.00	110.10 0.77 0.00	133.21 1.59 0.00	146.62 0.44 0.00	181.35 -3.70 0.00	237.79 -5.11 0.00	275.91 -7.86 -2.93	229.49 -5.32 -2.93	159.59 -2.55 -2.87	99.99 0.50 0.00	82.85 1.23 0.00	69.92 0.76 0.00
CHATEAUG_35_KV_LOAD 355732	73.87 0.44 0.00	62.85 0.19 0.00	58.00 -0.17 0.00	51.27 -0.21 0.00	51.90 0.10 0.00	56.99 0.17 0.00	57.99 -0.35 0.00	58.73 -0.59 0.00	60.27 -0.92 0.00	63.53 -1.03 0.00	65.45 -1.34 0.00	81.16 -1.83 0.00	89.87 -3.84 0.00	103.97 -5.36 0.00	124.65 -6.98 0.00	138.43 -7.75 0.00	176.17 -8.88 0.00	232.22 -10.69 0.00	268.76 -12.08 0.00	222.15 -9.74 0.00	152.75 -6.53 0.00	96.30 -3.18 0.00	80.81 -0.82 0.00	69.44 0.28 0.00
CHATEAUG_WT_PWR 323614	73.73 0.29 0.00	62.73 0.06 0.00	57.89 -0.29 0.00	51.22 -0.26 0.00	51.85 0.05 0.00	56.88 0.06 0.00	57.87 -0.47 0.00	58.73 -0.59 0.00	60.39 -0.80 0.00	63.66 -0.90 0.00	65.65 -1.14 0.00	81.41 -1.58 0.00	90.81 -2.91 0.00	104.30 -5.03 0.00	125.05 -6.58 0.00	138.73 -7.45 0.00	176.54 -8.51 0.00	232.71 -10.19 0.00	269.05 -11.78 0.00	222.37 -9.52 0.00	152.90 -6.38 0.00	96.21 -3.28 0.00	80.73 -0.90 0.00	69.23 0.07 0.00
CHAT_HIGH_FALL_HYD 323578	73.87 0.44 0.00	62.85 0.19 0.00	58.00 -0.17 0.00	51.27 -0.21 0.00	51.90 0.10 0.00	56.99 0.17 0.00	57.99 -0.35 0.00	58.73 -0.59 0.00	60.27 -0.92 0.00	63.53 -1.03 0.00	65.45 -1.34 0.00	81.16 -1.83 0.00	89.87 -3.84 0.00	103.97 -5.36 0.00	124.65 -6.98 0.00	138.43 -7.75 0.00	176.17 -8.88 0.00	232.22 -10.69 0.00	268.76 -12.08 0.00	222.15 -9.74 0.00	152.75 -6.53 0.00	96.30 -3.18 0.00	80.81 -0.82 0.00	69.44 0.28 0.00
CHAUTAUQUA___LFGE 323629	76.74 3.31 0.00	63.54 0.88 0.00	58.35 0.18 0.00	51.99 0.51 0.00	51.69 -0.10 0.00	56.37 -0.46 0.00	58.40 0.06 0.00	59.09 -0.24 0.00	62.17 0.98 0.00	65.98 1.42 0.00	68.86 2.07 0.00	85.89 2.90 0.00	97.47 3.75 0.00	111.73 2.40 0.00	135.18 3.56 0.00	148.66 2.48 0.00	184.13 -0.92 0.00	241.46 -1.45 0.00	280.45 -3.36 -2.97	233.47 -1.38 -2.97	162.34 0.16 -2.90	101.48 1.99 0.00	83.91 2.28 0.00	70.62 1.45 0.00
CHERRYST_13_KV_LD 356241	75.85 2.42 0.00	65.92 3.26 0.00	61.84 3.67 0.00	55.08 3.60 0.00	54.90 3.11 0.00	59.89 3.07 0.00	62.25 3.91 0.00	63.77 4.45 0.00	66.09 4.90 0.00	70.05 5.49 0.00	72.53 5.74 0.00	90.04 7.05 0.00	104.21 10.50 0.00	124.87 13.23 -2.31	170.95 16.06 -23.27	276.23 18.42 -111.63	336.83 23.32 -128.46	383.76 30.12 -110.73	340.80 33.98 -25.98	283.95 26.43 -25.63	200.00 17.84 -22.88	108.61 8.66 -0.47	86.69 5.06 0.00	72.48 3.32 0.00

CHESTROR_138KV_BK263 355645	74.83 1.40 0.00	64.61 1.94 0.00	60.45 2.27 0.00	53.69 2.21 0.00	53.66 1.86 0.00	58.64 1.82 0.00	60.79 2.45 0.00	62.11 2.79 0.00	64.13 2.94 0.00	67.86 3.29 0.00	70.19 3.41 0.00	87.30 4.32 0.00	100.28 6.56 0.00	117.12 8.64 0.84	144.05 10.66 -1.76	175.19 12.43 -16.59	232.96 15.91 -31.99	304.73 20.89 -40.93	327.55 23.59 -23.12	273.27 18.55 -22.83	192.24 12.42 -20.54	106.09 6.17 -0.43	85.05 3.43 0.00	71.24 2.07 0.00
CH_MIDHUDSON___DRP 24192	75.41 1.98 0.00	65.17 2.51 0.00	60.97 2.79 0.00	54.16 2.68 0.00	54.13 2.33 0.00	59.10 2.27 0.00	61.26 2.92 0.00	62.65 3.32 0.00	64.68 3.49 0.00	68.38 3.81 0.00	70.73 3.94 0.00	87.89 4.90 0.00	101.12 7.40 0.00	119.05 9.62 -0.10	143.18 11.85 0.29	161.44 13.89 -1.37	203.00 17.77 -0.18	266.08 23.32 0.15	332.41 26.68 -24.89	277.35 20.87 -24.59	195.53 14.02 -22.23	107.24 7.26 -0.49	85.79 4.16 0.00	71.86 2.70 0.00
CH_MISC_IPPS 23765	75.85 2.42 0.00	65.49 2.82 0.00	61.20 3.02 0.00	54.15 2.68 0.00	54.28 2.49 0.00	59.32 2.50 0.00	61.55 3.21 0.00	62.94 3.62 0.00	64.99 3.80 0.00	68.76 4.19 0.00	71.19 4.41 0.00	88.47 5.48 0.00	101.49 7.77 0.00	119.60 10.27 0.00	144.39 12.76 0.00	164.24 14.92 -3.14	208.09 19.24 -3.79	272.56 25.26 -4.40	334.09 29.21 -24.04	278.61 22.96 -23.76	196.44 15.62 -21.54	108.13 8.16 -0.48	86.61 4.98 0.00	72.41 3.25 0.00
CH_RES_BVR_FALLS 23983	73.28 -0.15 0.00	62.48 -0.19 0.00	57.89 -0.29 0.00	51.17 -0.31 0.00	51.59 -0.21 0.00	56.71 -0.11 0.00	58.05 -0.29 0.00	59.03 -0.30 0.00	60.83 -0.36 0.00	64.18 -0.39 0.00	66.32 -0.46 0.00	82.32 -0.67 0.00	92.03 -1.68 0.00	106.70 -2.62 0.00	128.34 -3.29 0.00	142.53 -3.65 0.00	180.61 -4.44 0.00	237.07 -5.83 0.00	274.39 -6.45 0.00	226.78 -5.10 0.00	155.78 -3.50 0.00	97.50 -1.99 0.00	80.56 -1.06 0.00	68.95 -0.21 0.00
CH_RES_NIAGARA 23895	74.61 1.17 0.00	60.66 -2.01 0.00	56.66 -1.51 0.00	49.78 -1.70 0.00	50.19 -1.61 0.00	53.76 -3.07 0.00	55.66 -2.68 0.00	55.76 -3.56 0.00	58.93 -2.26 0.00	62.37 -2.20 0.00	65.05 -1.74 0.00	80.75 -2.24 0.00	91.28 -2.44 0.00	103.75 -5.58 0.00	125.97 -5.66 0.00	138.14 -8.04 0.00	170.06 -14.99 0.00	221.77 -21.13 0.00	259.25 -24.15 -2.56	217.29 -17.16 -2.56	150.96 -10.83 -2.51	93.92 -5.57 0.00	78.77 -2.86 0.00	66.95 -2.21 0.00
CH_RES_SYRACUSE 23985	73.21 -0.22 0.00	62.10 -0.57 0.00	57.59 -0.58 0.00	51.01 -0.46 0.00	51.12 -0.67 0.00	55.97 -0.85 0.00	57.81 -0.53 0.00	58.85 -0.48 0.00	60.95 -0.24 0.00	64.37 -0.19 0.00	66.79 0.00 0.00	83.16 0.17 0.00	94.28 0.57 0.00	109.99 0.66 0.00	132.67 1.05 0.00	147.06 0.88 0.00	185.61 0.56 0.00	243.64 0.73 0.00	281.68 0.85 0.00	232.82 0.93 0.00	159.92 0.64 0.00	100.19 0.70 0.00	81.79 0.16 0.00	68.82 -0.34 0.00
CLINTON_WT_PWR 323605	73.73 0.29 0.00	62.73 0.06 0.00	57.89 -0.29 0.00	51.22 -0.26 0.00	51.85 0.05 0.00	56.88 0.06 0.00	57.87 -0.47 0.00	58.73 -0.59 0.00	60.39 -0.80 0.00	63.66 -0.90 0.00	65.65 -1.14 0.00	81.41 -1.58 0.00	90.81 -2.91 0.00	104.30 -5.03 0.00	125.05 -6.58 0.00	138.73 -7.45 0.00	176.54 -8.51 0.00	232.71 -10.19 0.00	269.05 -11.78 0.00	222.37 -9.52 0.00	152.90 -6.38 0.00	96.21 -3.28 0.00	80.73 -0.90 0.00	69.23 0.07 0.00
CLINTON___LFGE 323618	74.46 1.03 0.00	63.29 0.63 0.00	58.41 0.23 0.00	51.79 0.31 0.00	52.47 0.67 0.00	57.45 0.63 0.00	58.40 0.06 0.00	59.26 -0.06 0.00	60.95 -0.24 0.00	64.24 -0.32 0.00	66.18 -0.60 0.00	82.08 -0.91 0.00	91.56 -2.15 0.00	104.95 -4.38 0.00	125.71 -5.92 0.00	139.31 -6.87 0.00	177.46 -7.60 0.00	234.17 -8.73 0.00	270.74 -10.10 0.00	224.00 -7.88 0.00	153.86 -5.42 0.00	97.10 -2.39 0.00	81.46 -0.16 0.00	69.85 0.69 0.00
COBBLENY_34_KV_TB1 80064	76.22 2.79 0.00	63.04 0.38 0.00	57.83 -0.35 0.00	50.86 -0.62 0.00	51.22 -0.57 0.00	55.86 -0.97 0.00	57.70 -0.64 0.00	58.32 -1.01 0.00	61.44 0.24 0.00	65.15 0.58 0.00	67.99 1.20 0.00	84.73 1.74 0.00	96.15 2.44 0.00	109.65 0.33 0.00	133.07 1.45 0.00	146.18 0.00 0.00	180.98 -4.07 0.00	236.10 -6.80 0.00	276.75 -7.02 -2.93	231.80 -3.01 -2.93	160.40 -1.75 -2.87	99.39 -0.10 0.00	82.77 1.14 0.00	69.92 0.76 0.00
COFFEEN___115KV_TB3 355620	77.69 4.26 0.00	65.86 3.20 0.00	60.79 2.62 0.00	53.54 2.06 0.00	53.81 2.02 0.00	59.32 2.50 0.00	61.37 3.03 0.00	62.17 2.85 0.00	64.01 2.81 0.00	67.41 2.84 0.00	69.53 2.74 0.00	86.23 3.24 0.00	97.37 3.65 0.00	111.19 1.86 0.00	133.73 2.11 0.00	148.08 1.90 0.00	187.27 2.22 0.00	247.03 4.13 0.00	289.26 8.43 0.00	243.25 11.36 0.00	167.08 7.80 0.00	107.25 7.76 0.00	87.42 5.80 0.00	73.59 4.43 0.00
COLDSPRG_115KV_BK1 355956	76.44 3.01 0.00	63.48 0.81 0.00	58.23 0.06 0.00	51.27 -0.21 0.00	51.64 -0.16 0.00	56.37 -0.45 0.00	58.51 0.18 0.00	59.38 0.06 0.00	62.42 1.22 0.00	66.24 1.68 0.00	69.12 2.34 0.00	86.31 3.32 0.00	98.21 4.50 0.00	112.28 2.95 0.00	136.23 4.61 0.00	149.54 3.36 0.00	185.79 0.74 0.00	242.66 -0.24 0.00	284.62 0.56 -3.22	238.12 3.01 -3.22	164.81 2.39 -3.14	101.78 2.29 0.00	84.24 2.61 0.00	70.82 1.66 0.00
COLONIE_LFGE___ 323577	75.27 1.84 0.00	64.73 2.06 0.00	60.44 2.27 0.00	53.59 2.11 0.00	53.76 1.97 0.00	58.76 1.93 0.00	60.73 2.39 0.00	61.87 2.55 0.00	63.64 2.45 0.00	66.89 2.32 0.00	68.99 2.20 0.00	85.64 2.65 0.00	97.65 3.94 0.00	115.01 5.57 -0.11	138.11 6.71 0.23	181.59 8.33 -27.08	227.34 11.10 -31.19	292.90 14.33 -35.66	426.20 16.85 -128.51	371.54 13.68 -125.98	276.31 9.40 -107.63	108.91 5.47 -3.95	84.89 3.27 0.00	71.23 2.07 0.00
COOPERNY_115KV_TB1 80082	74.46 1.03 0.00	64.04 1.38 0.00	59.86 1.69 0.00	53.13 1.65 0.00	53.14 1.35 0.00	58.13 1.31 0.00	60.15 1.81 0.00	61.40 2.08 0.00	63.39 2.20 0.00	67.08 2.52 0.00	69.39 2.60 0.00	86.31 3.32 0.00	98.78 5.06 0.00	115.51 6.56 0.37	140.61 8.16 -0.82	163.43 9.21 -8.04	211.74 11.66 -15.03	277.29 15.30 -19.08	315.31 17.41 -17.06	262.46 13.68 -16.89	183.98 9.24 -15.46	104.52 4.68 -0.36	84.16 2.53 0.00	70.68 1.52 0.00
COPENHAGEN_WT_PWR 323753	76.66 3.23 0.00	64.99 2.32 0.00	59.98 1.81 0.00	52.97 1.49 0.00	53.19 1.40 0.00	58.59 1.76 0.00	60.61 2.27 0.00	61.40 2.08 0.00	63.21 2.02 0.00	66.63 2.07 0.00	68.79 2.00 0.00	85.31 2.32 0.00	96.44 2.72 0.00	110.20 0.87 0.00	132.67 1.05 0.00	146.92 0.73 0.00	185.42 0.37 0.00	244.62 1.71 0.00	285.61 4.77 0.00	239.08 7.20 0.00	164.38 5.10 0.00	105.46 5.97 0.00	86.11 4.49 0.00	72.55 3.39 0.00
CORNELL_____ 23752	75.63 2.20 0.00	63.98 1.32 0.00	59.34 1.16 0.00	52.41 0.93 0.00	52.67 0.88 0.00	57.68 0.85 0.00	59.68 1.34 0.00	60.69 1.36 0.00	62.78 1.59 0.00	66.12 1.55 0.00	68.52 1.74 0.00	85.23 2.24 0.00	96.90 3.19 0.00	112.72 3.39 0.00	136.10 4.48 0.00	150.86 4.68 0.00	190.61 5.55 0.00	250.68 7.77 0.00	295.28 10.39 -4.05	245.91 9.97 -4.05	170.09 6.85 -3.96	104.11 4.48 -0.14	84.81 3.18 0.00	71.17 2.01 0.00

CORONA__69_KV_TB1 355595	77.54 4.11 0.00	67.18 4.51 0.00	62.77 4.60 0.00	55.85 4.38 0.00	55.73 3.94 0.00	60.80 3.98 0.00	62.83 4.49 0.00	64.49 5.16 0.00	66.82 5.63 0.00	70.76 6.20 0.00	72.53 5.74 0.00	140.32 7.55 -49.78	110.21 11.06 -5.43	127.21 13.88 -4.00	183.92 16.85 -35.45	410.44 19.30 -244.97	423.86 23.87 -214.93	477.31 31.33 -203.07	399.85 35.67 -83.34	366.68 28.99 -105.81	206.67 19.11 -28.28	109.11 9.15 -0.47	87.96 6.29 -0.05	77.66 3.25 -5.25
CORTLAND__115KV_TB3 80093	74.68 1.25 0.00	63.36 0.69 0.00	58.76 0.58 0.00	51.94 0.46 0.00	52.16 0.36 0.00	57.16 0.34 0.00	59.10 0.76 0.00	60.10 0.77 0.00	62.23 1.04 0.00	65.66 1.10 0.00	68.06 1.27 0.00	84.73 1.74 0.00	96.25 2.53 0.00	112.17 2.84 0.00	135.31 3.69 0.00	149.98 3.80 0.00	189.31 4.26 0.00	248.49 5.59 0.00	291.23 7.30 -3.09	241.93 6.96 -3.09	167.08 4.78 -3.02	102.57 3.08 0.00	83.67 2.04 0.00	70.27 1.11 0.00
COXSACKIE__GT 23611	77.17 3.74 0.00	66.11 3.44 0.00	61.55 3.37 0.00	54.52 3.04 0.00	54.64 2.85 0.00	59.72 2.90 0.00	61.78 3.44 0.00	62.53 3.20 0.00	63.70 2.51 0.00	66.57 2.00 0.00	68.39 1.60 0.00	85.46 2.65 0.19	93.33 3.84 4.23	112.73 5.68 2.28	128.30 7.23 10.56	114.53 9.65 41.29	138.24 13.89 60.70	174.20 20.15 88.85	198.42 24.72 107.13	162.75 21.10 90.23	135.34 14.49 38.43	104.49 8.65 3.65	86.61 4.98 0.00	72.55 3.39 0.00
CPV_VALLEY__CC1 323721	74.24 0.81 0.00	64.11 1.44 0.00	59.92 1.74 0.00	53.13 1.65 0.00	53.24 1.45 0.00	58.19 1.36 0.00	60.26 1.92 0.00	61.58 2.25 0.00	63.64 2.45 0.00	67.28 2.71 0.00	69.66 2.87 0.00	86.64 3.65 0.00	99.15 5.43 0.00	116.25 7.44 0.52	142.00 9.21 -1.16	168.18 10.53 -11.47	219.84 13.50 -21.28	287.59 17.72 -26.96	322.45 20.49 -21.12	268.73 15.99 -20.86	188.78 10.67 -18.83	104.86 4.97 -0.40	84.32 2.69 0.00	70.68 1.52 0.00
CPV_VALLEY__CC2 323722	74.24 0.81 0.00	64.11 1.44 0.00	59.92 1.74 0.00	53.13 1.65 0.00	53.24 1.45 0.00	58.19 1.36 0.00	60.26 1.92 0.00	61.58 2.25 0.00	63.64 2.45 0.00	67.28 2.71 0.00	69.66 2.87 0.00	86.64 3.65 0.00	99.15 5.43 0.00	116.25 7.44 0.52	142.00 9.21 -1.16	168.18 10.53 -11.47	219.84 13.50 -21.28	287.59 17.72 -26.96	322.45 20.49 -21.12	268.73 15.99 -20.86	188.78 10.67 -18.83	104.86 4.97 -0.40	84.32 2.69 0.00	70.68 1.52 0.00
CRESCENT__HYD 24018	75.27 1.84 0.00	64.73 2.06 0.00	60.44 2.27 0.00	53.59 2.11 0.00	53.76 1.97 0.00	58.76 1.93 0.00	60.73 2.39 0.00	61.87 2.55 0.00	63.64 2.45 0.00	66.89 2.32 0.00	68.99 2.20 0.00	85.64 2.65 0.00	97.65 3.94 0.00	115.01 5.57 -0.11	138.11 6.71 0.23	181.59 8.33 -27.08	227.34 11.10 -31.19	292.90 14.33 -35.66	426.20 16.85 -128.51	371.54 13.68 -125.98	276.31 9.40 -107.63	108.91 5.47 -3.95	84.89 3.27 0.00	71.23 2.07 0.00
CRICKET__VALLEY_CC1 323756	74.38 0.95 0.00	64.36 1.69 0.00	60.21 2.04 0.00	53.38 1.91 0.00	53.50 1.71 0.00	58.41 1.59 0.00	60.56 2.22 0.00	61.93 2.61 0.00	63.82 2.63 0.00	67.34 2.77 0.00	69.59 2.80 0.00	86.39 3.40 0.00	98.96 5.24 0.00	117.24 7.65 -0.26	140.30 9.21 0.54	158.49 10.82 -1.49	197.38 14.25 1.93	257.68 18.23 3.45	333.73 21.33 -31.56	279.87 16.92 -31.07	197.80 11.15 -27.37	105.42 5.37 -0.57	84.40 2.78 0.00	70.75 1.59 0.00
CRICKET__VALLEY_CC2 323757	74.38 0.95 0.00	64.36 1.69 0.00	60.21 2.04 0.00	53.38 1.91 0.00	53.50 1.71 0.00	58.41 1.59 0.00	60.56 2.22 0.00	61.93 2.61 0.00	63.82 2.63 0.00	67.34 2.77 0.00	69.59 2.80 0.00	86.39 3.40 0.00	98.96 5.24 0.00	117.24 7.65 -0.26	140.30 9.21 0.54	158.49 10.82 -1.49	197.38 14.25 1.93	257.68 18.23 3.45	333.73 21.33 -31.56	279.87 16.92 -31.07	197.80 11.15 -27.37	105.42 5.37 -0.57	84.40 2.78 0.00	70.75 1.59 0.00
CRICKET__VALLEY_CC3 323758	74.38 0.95 0.00	64.36 1.69 0.00	60.21 2.04 0.00	53.38 1.91 0.00	53.50 1.71 0.00	58.41 1.59 0.00	60.56 2.22 0.00	61.93 2.61 0.00	63.82 2.63 0.00	67.34 2.77 0.00	69.59 2.80 0.00	86.39 3.40 0.00	98.96 5.24 0.00	117.24 7.65 -0.26	140.30 9.21 0.54	158.49 10.82 -1.49	197.38 14.25 1.93	257.68 18.23 3.45	333.73 21.33 -31.56	279.87 16.92 -31.07	197.80 11.15 -27.37	105.42 5.37 -0.57	84.40 2.78 0.00	70.75 1.59 0.00
CRUCIBLE_METL_DRP 24180	73.21 -0.22 0.00	62.10 -0.56 0.00	57.59 -0.58 0.00	50.91 -0.57 0.00	51.12 -0.67 0.00	55.97 -0.85 0.00	57.81 -0.53 0.00	58.85 -0.47 0.00	60.95 -0.24 0.00	64.37 -0.19 0.00	66.79 0.00 0.00	83.16 0.17 0.00	94.28 0.56 0.00	109.87 0.55 0.00	132.68 1.05 0.00	146.91 0.73 0.00	185.61 0.56 0.00	243.39 0.49 0.00	281.68 0.84 0.00	233.04 1.16 0.00	160.08 0.80 0.00	100.08 0.60 0.00	81.79 0.16 0.00	68.81 -0.35 0.00
DAHOWA__HYDRO 323763	76.88 3.45 0.00	65.92 3.26 0.00	61.43 3.26 0.00	54.36 2.88 0.00	54.54 2.74 0.00	59.72 2.90 0.00	61.78 3.44 0.00	62.82 3.50 0.00	64.49 3.30 0.00	67.47 2.91 0.00	69.39 2.60 0.00	86.31 3.32 0.00	98.21 4.50 0.00	115.43 6.01 -0.10	138.78 7.37 0.22	172.93 9.50 -17.26	217.43 12.95 -19.42	281.97 17.00 -22.07	413.32 21.33 -111.15	359.47 18.10 -109.49	269.05 12.90 -96.87	112.26 8.16 -4.61	86.85 5.23 0.00	72.69 3.53 0.00
DANC__LFGE 323619	75.04 1.61 0.00	63.67 1.00 0.00	58.88 0.70 0.00	52.05 0.57 0.00	52.21 0.41 0.00	57.39 0.57 0.00	59.33 0.99 0.00	60.22 0.89 0.00	62.11 0.92 0.00	65.47 0.90 0.00	67.72 0.93 0.00	84.07 1.08 0.00	95.12 1.41 0.00	109.55 0.22 0.00	132.02 0.40 0.00	146.18 0.00 0.00	184.50 -0.55 0.00	242.91 0.00 0.00	282.53 1.70 0.00	235.58 3.70 0.00	161.82 2.54 0.00	102.87 3.38 0.00	84.16 2.53 0.00	70.89 1.73 0.00
DANSKAMMER__1 23586	75.85 2.42 0.00	65.49 2.82 0.00	61.20 3.02 0.00	54.15 2.68 0.00	54.28 2.49 0.00	59.32 2.50 0.00	61.55 3.21 0.00	62.94 3.62 0.00	64.99 3.80 0.00	68.76 4.19 0.00	71.19 4.41 0.00	88.47 5.48 0.00	101.49 7.77 0.00	119.60 10.27 0.00	144.39 12.76 0.00	164.24 14.92 -3.14	208.09 19.24 -3.79	272.56 25.26 -4.40	334.09 29.21 -24.04	278.61 22.96 -23.76	196.44 15.62 -21.54	108.13 8.16 -0.48	86.61 4.98 0.00	72.41 3.25 0.00
DANSKAMMER__2 23589	75.85 2.42 0.00	65.49 2.82 0.00	61.20 3.02 0.00	54.15 2.68 0.00	54.28 2.49 0.00	59.32 2.50 0.00	61.55 3.21 0.00	62.94 3.62 0.00	64.99 3.80 0.00	68.76 4.19 0.00	71.19 4.41 0.00	88.47 5.48 0.00	101.49 7.77 0.00	119.60 10.27 0.00	144.39 12.76 0.00	164.24 14.92 -3.14	208.09 19.24 -3.79	272.56 25.26 -4.40	334.09 29.21 -24.04	278.61 22.96 -23.76	196.44 15.62 -21.54	108.13 8.16 -0.48	86.61 4.98 0.00	72.41 3.25 0.00
DANSKAMMER__3 23590	75.85 2.42 0.00	65.49 2.82 0.00	61.20 3.02 0.00	54.15 2.68 0.00	54.28 2.49 0.00	59.32 2.50 0.00	61.55 3.21 0.00	62.94 3.62 0.00	64.99 3.80 0.00	68.76 4.19 0.00	71.19 4.41 0.00	88.47 5.48 0.00	101.49 7.77 0.00	119.60 10.27 0.00	144.39 12.76 0.00	164.24 14.92 -3.14	208.09 19.24 -3.79	272.56 25.26 -4.40	334.09 29.21 -24.04	278.61 22.96 -23.76	196.44 15.62 -21.54	108.13 8.16 -0.48	86.61 4.98 0.00	72.41 3.25 0.00

DANSKAMMER___4 23591	75.85 2.42 0.00	65.49 2.82 0.00	61.20 3.02 0.00	54.15 2.68 0.00	54.28 2.49 0.00	59.32 2.50 0.00	61.55 3.21 0.00	62.94 3.62 0.00	64.99 3.80 0.00	68.76 4.19 0.00	71.19 4.41 0.00	88.47 5.48 0.00	101.49 7.77 0.00	119.60 10.27 0.00	144.39 12.76 0.00	164.24 14.92 -3.14	208.09 19.24 -3.79	272.56 25.26 -4.40	334.09 29.21 -24.04	278.61 22.96 -23.76	196.44 15.62 -21.54	108.13 8.16 -0.48	86.61 4.98 0.00	72.41 3.25 0.00
DANSKAMMER___DIESEL 23592	75.85 2.42 0.00	65.49 2.82 0.00	61.20 3.03 0.00	54.31 2.83 0.00	54.28 2.49 0.00	59.32 2.50 0.00	61.55 3.21 0.00	62.94 3.62 0.00	64.92 3.73 0.00	68.76 4.20 0.00	71.13 4.34 0.00	88.47 5.48 0.00	101.78 8.06 0.00	119.71 10.39 0.00	144.39 12.77 0.00	164.38 15.06 -3.14	208.28 19.43 -3.79	272.56 25.26 -4.40	333.81 28.93 -24.04	278.14 22.49 -23.76	196.27 15.45 -21.54	108.23 8.26 -0.48	86.60 4.98 0.00	72.48 3.32 0.00
DARBY___SOLAR 323810	76.51 3.08 0.00	65.67 3.01 0.00	61.20 3.02 0.00	54.15 2.68 0.00	54.38 2.59 0.00	59.50 2.67 0.00	61.55 3.21 0.00	62.58 3.26 0.00	64.25 3.06 0.00	67.28 2.71 0.00	69.19 2.40 0.00	85.97 2.98 0.00	97.94 4.22 0.00	115.11 5.68 -0.10	138.38 6.97 0.22	173.75 9.07 -18.51	218.18 12.21 -20.92	282.97 16.28 -23.79	414.48 20.23 -113.41	360.68 17.16 -111.63	269.67 12.10 -98.29	111.58 7.56 -4.53	86.36 4.73 0.00	72.34 3.18 0.00
DASHVILLE___HYD 23610	75.41 1.98 0.00	65.11 2.44 0.00	60.85 2.68 0.00	54.05 2.57 0.00	53.97 2.18 0.00	58.93 2.10 0.00	61.08 2.74 0.00	62.29 2.97 0.00	64.19 3.00 0.00	67.92 3.36 0.00	70.26 3.47 0.00	88.17 5.23 0.04	100.38 7.68 1.02	118.83 10.06 0.55	141.56 12.37 2.44	153.92 14.47 6.73	193.11 18.69 10.64	250.79 24.78 16.89	301.69 28.36 7.52	250.47 22.26 3.68	181.37 15.13 -6.96	106.79 7.86 0.56	85.63 4.00 0.00	71.72 2.56 0.00
DELAWARE___LFGE 323621	75.19 1.76 0.00	64.36 1.69 0.00	60.10 1.92 0.00	53.28 1.80 0.00	53.45 1.66 0.00	58.53 1.70 0.00	60.56 2.22 0.00	61.52 2.19 0.00	63.46 2.26 0.00	67.02 2.45 0.00	69.39 2.60 0.00	86.31 3.32 0.00	98.50 4.78 0.00	115.34 6.01 0.00	139.24 7.24 -0.37	155.96 7.89 -1.89	197.31 9.62 -2.63	257.98 12.39 -2.69	308.98 14.60 -13.54	257.48 12.06 -13.54	180.80 8.28 -13.23	105.12 4.97 -0.66	84.65 3.02 0.00	71.10 1.94 0.00
DERFIELD_115KV_TB7 355931	73.58 0.15 0.00	62.85 0.19 0.00	58.47 0.29 0.00	51.79 0.31 0.00	52.05 0.26 0.00	57.05 0.23 0.00	58.69 0.35 0.00	59.74 0.42 0.00	61.62 0.43 0.00	65.02 0.45 0.00	67.25 0.47 0.00	83.57 0.58 0.00	94.65 0.94 0.00	110.64 1.31 0.00	133.21 1.58 0.00	148.08 1.90 0.00	187.27 2.22 0.00	245.82 2.91 0.00	284.49 3.65 0.00	234.90 3.01 0.00	161.19 1.91 0.00	100.58 1.09 0.00	82.12 0.49 0.00	69.37 0.21 0.00
DOGLEVILLE___HYD 23807	73.87 0.44 0.00	63.10 0.44 0.00	58.64 0.47 0.00	51.89 0.41 0.00	52.16 0.36 0.00	57.22 0.40 0.00	58.98 0.64 0.00	59.98 0.65 0.00	61.80 0.61 0.00	65.21 0.65 0.00	67.45 0.67 0.00	83.90 0.91 0.00	95.03 1.31 0.00	111.08 1.75 0.00	133.60 1.97 0.00	148.37 2.19 0.00	187.46 2.41 0.00	246.31 3.40 0.00	285.05 4.21 0.00	235.59 3.71 0.00	161.67 2.39 0.00	100.98 1.49 0.00	82.36 0.73 0.00	69.58 0.41 0.00
DUNKIRK__115KV_TB_200 55889	76.59 3.16 0.00	63.48 0.81 0.00	58.23 0.06 0.00	51.22 -0.26 0.00	51.59 -0.21 0.00	56.26 -0.57 0.00	58.22 -0.12 0.00	58.97 -0.36 0.00	62.05 0.86 0.00	65.86 1.29 0.00	68.72 1.94 0.00	85.64 2.66 0.00	97.28 3.56 0.00	111.08 1.75 0.00	134.79 3.16 0.00	147.93 1.75 0.00	183.39 -1.67 0.00	239.50 -3.40 0.00	280.71 -3.09 -2.96	234.84 0.00 -2.96	162.81 0.64 -2.89	100.68 1.19 0.00	83.67 2.04 0.00	70.54 1.38 0.00
DUNKIRK___1 23563	76.59 3.16 0.00	63.48 0.81 0.00	58.23 0.06 0.00	51.22 -0.26 0.00	51.59 -0.21 0.00	56.26 -0.57 0.00	58.22 -0.12 0.00	58.97 -0.36 0.00	62.05 0.86 0.00	65.86 1.29 0.00	68.72 1.94 0.00	85.64 2.66 0.00	97.28 3.56 0.00	111.08 1.75 0.00	134.79 3.16 0.00	147.93 1.75 0.00	183.39 -1.67 0.00	239.50 -3.40 0.00	280.71 -3.09 -2.96	234.84 0.00 -2.96	162.81 0.64 -2.89	100.68 1.19 0.00	83.67 2.04 0.00	70.54 1.38 0.00
DUNKIRK___2 23564	76.59 3.16 0.00	63.48 0.81 0.00	58.23 0.06 0.00	51.22 -0.26 0.00	51.59 -0.21 0.00	56.26 -0.57 0.00	58.22 -0.12 0.00	58.97 -0.36 0.00	62.05 0.86 0.00	65.86 1.29 0.00	68.72 1.94 0.00	85.64 2.66 0.00	97.28 3.56 0.00	111.08 1.75 0.00	134.79 3.16 0.00	147.93 1.75 0.00	183.39 -1.67 0.00	239.50 -3.40 0.00	280.71 -3.09 -2.96	234.84 0.00 -2.96	162.81 0.64 -2.89	100.68 1.19 0.00	83.67 2.04 0.00	70.54 1.38 0.00
DUNKIRK___3 23565	76.22 2.79 0.00	63.17 0.50 0.00	57.94 -0.23 0.00	51.02 -0.46 0.00	51.33 -0.47 0.00	56.03 -0.80 0.00	57.93 -0.41 0.00	58.61 -0.71 0.00	61.68 0.49 0.00	65.41 0.84 0.00	68.32 1.54 0.00	85.15 2.16 0.00	96.72 3.00 0.00	110.31 0.98 0.00	134.00 2.37 0.00	147.06 0.88 0.00	182.09 -2.96 0.00	237.80 -5.10 0.00	278.70 -5.06 -2.92	233.41 -1.39 -2.92	161.66 -0.48 -2.86	100.08 0.60 0.00	83.18 1.55 0.00	70.13 0.97 0.00
DUNKIRK___4 23566	76.22 2.79 0.00	63.17 0.50 0.00	57.94 -0.23 0.00	51.02 -0.46 0.00	51.33 -0.47 0.00	56.03 -0.80 0.00	57.93 -0.41 0.00	58.61 -0.71 0.00	61.68 0.49 0.00	65.41 0.84 0.00	68.32 1.54 0.00	85.15 2.16 0.00	96.72 3.00 0.00	110.31 0.98 0.00	134.00 2.37 0.00	147.06 0.88 0.00	182.09 -2.96 0.00	237.80 -5.10 0.00	278.70 -5.06 -2.92	233.41 -1.39 -2.92	161.66 -0.48 -2.86	100.08 0.60 0.00	83.18 1.55 0.00	70.13 0.97 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	75.56 2.13 0.00	65.55 2.88 0.00	61.38 3.20 0.00	54.62 3.14 0.00	54.49 2.69 0.00	59.44 2.61 0.00	61.72 3.38 0.00	63.24 3.92 0.00	65.41 4.22 0.00	69.28 4.71 0.00	71.66 4.88 0.00	89.05 6.06 0.00	102.17 9.09 0.64	122.00 11.70 -0.98	169.24 14.35 -23.27	274.17 16.37 -111.62	334.40 20.91 -128.44	380.82 27.21 -110.71	337.15 30.33 -25.98	280.93 23.42 -25.63	197.93 15.77 -22.88	107.61 7.66 -0.47	85.95 4.33 0.00	71.93 2.77 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	75.34 1.91 0.00	65.05 2.38 0.00	60.79 2.62 0.00	54.00 2.52 0.00	53.97 2.18 0.00	58.98 2.16 0.00	61.14 2.80 0.00	62.53 3.20 0.00	64.56 3.37 0.00	68.31 3.74 0.00	70.66 3.87 0.00	87.89 4.90 0.00	101.12 7.40 0.00	118.68 9.62 0.27	144.01 11.85 -0.54	166.78 13.74 -6.86	214.92 17.77 -12.10	281.53 23.32 -15.30	329.80 26.40 -22.56	274.84 20.64 -22.32	193.64 14.02 -20.34	107.12 7.16 -0.47	85.79 4.16 0.00	71.79 2.63 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	74.91 1.47 -0.01	65.19 2.51 -0.02	61.14 2.97 0.00	54.82 3.35 0.00	54.59 2.80 0.00	59.21 2.39 0.00	61.43 3.09 0.00	63.18 3.86 0.00	65.11 3.92 0.00	68.96 4.39 0.00	71.33 4.54 0.00	89.20 5.81 -0.40	101.78 8.90 0.84	120.45 11.26 0.13	168.49 13.56 -23.30	273.58 15.64 -111.76	333.70 19.99 -128.67	379.88 25.99 -110.98	335.76 28.93 -26.00	280.25 22.72 -25.64	197.31 15.13 -22.90	107.12 7.16 -0.47	85.55 3.92 -0.01	71.66 2.49 -0.01

E179THST_13_KV_LOAD 356214	75.50 2.06 -0.01	65.63 2.95 -0.02	61.55 3.37 0.00	55.19 3.71 0.00	54.95 3.16 0.00	59.55 2.73 0.00	61.84 3.50 0.00	63.60 4.27 0.00	65.54 4.34 0.00	69.47 4.91 0.00	71.93 5.14 0.00	89.94 6.56 -0.40	102.62 9.75 0.84	121.44 12.24 0.13	169.67 14.74 -23.30	275.04 17.10 -111.76	335.56 21.84 -128.67	382.07 28.18 -110.98	338.57 31.73 -26.00	282.57 25.04 -25.64	198.91 16.72 -22.90	108.12 8.16 -0.47	86.29 4.65 -0.01	72.21 3.04 -0.01
EAST HAMPTON___GT 23717	80.78 7.34 -0.01	70.38 7.71 -0.01	65.74 7.56 -0.01	57.92 6.43 -0.01	57.65 5.85 -0.01	62.74 5.91 -0.01	64.64 6.30 0.00	67.10 7.77 -0.01	70.32 9.12 -0.01	75.36 10.78 -0.01	76.61 9.82 0.00	99.38 13.53 -2.86	110.89 17.81 0.64	132.29 22.09 -0.87	182.66 26.98 -24.05	280.80 25.57 -109.05	344.11 31.46 -127.59	389.83 41.79 -105.13	344.63 43.79 -20.00	284.23 32.01 -20.33	200.84 23.25 -18.31	110.30 10.35 -0.46	86.60 4.98 0.00	67.84 4.98 6.30
EAST RIVER___6 23660	75.41 1.98 0.00	65.61 2.95 0.00	61.55 3.37 0.00	54.52 3.04 0.00	54.64 2.85 0.00	59.55 2.73 0.00	61.90 3.56 0.00	63.41 4.09 0.00	65.78 4.59 0.00	69.61 5.04 0.00	72.13 5.34 0.00	89.54 6.55 0.00	103.00 9.28 0.00	123.88 12.24 -2.31	169.90 15.00 -23.27	274.77 16.95 -111.64	334.98 21.46 -128.47	381.58 27.92 -110.75	339.10 32.28 -25.98	283.02 25.51 -25.63	199.22 17.05 -22.88	107.72 7.77 -0.47	86.19 4.57 0.00	72.06 2.90 0.00
EAST RIVER___7 23524	75.41 1.98 0.00	65.61 2.95 0.00	61.55 3.37 0.00	54.52 3.04 0.00	54.64 2.85 0.00	59.55 2.73 0.00	61.90 3.56 0.00	63.41 4.09 0.00	65.78 4.59 0.00	69.61 5.04 0.00	72.13 5.34 0.00	89.54 6.55 0.00	103.00 9.28 0.00	123.88 12.24 -2.31	169.90 15.00 -23.27	274.77 16.95 -111.64	334.98 21.46 -128.47	381.58 27.92 -110.75	339.10 32.28 -25.98	283.02 25.51 -25.63	199.22 17.05 -22.88	107.72 7.77 -0.47	86.19 4.57 0.00	72.06 2.90 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	75.34 1.91 0.00	65.30 2.63 0.00	61.20 3.03 0.00	54.41 2.93 0.00	54.33 2.54 0.00	59.27 2.44 0.00	61.49 3.15 0.00	63.00 3.68 0.00	65.11 3.92 0.00	69.02 4.46 0.00	71.33 4.54 0.00	88.72 5.73 0.00	102.34 8.62 0.00	122.90 11.15 -2.43	168.12 13.69 -22.80	270.49 15.64 -108.67	328.10 19.99 -123.06	373.08 25.99 -104.18	335.99 29.21 -25.94	279.97 22.49 -25.59	197.26 15.13 -22.85	107.31 7.36 -0.46	85.79 4.16 0.00	71.79 2.63 0.00
EAST_HAMPTON___DIESEL 23722	80.71 7.27 -0.01	70.38 7.71 -0.01	65.74 7.56 -0.01	57.87 6.38 -0.01	57.65 5.85 -0.01	62.74 5.91 -0.01	64.59 6.25 0.00	67.10 7.77 -0.01	70.32 9.12 -0.01	75.36 10.78 -0.01	76.61 9.82 0.00	99.38 13.53 -2.86	110.89 17.81 0.64	132.29 22.09 -0.87	182.66 26.98 -24.05	280.80 25.57 -109.05	343.93 31.28 -127.59	389.56 41.53 -105.13	344.37 43.53 -20.00	283.75 31.53 -20.33	200.53 22.94 -18.31	110.10 10.15 -0.46	86.36 4.73 0.00	67.70 4.84 6.30
EAST_POINT___SOLAR 323840	79.45 6.02 0.00	67.74 5.07 0.00	63.00 4.83 0.00	55.75 4.27 0.00	55.99 4.19 0.00	61.54 4.71 0.00	63.12 4.78 0.00	62.35 3.02 0.00	63.46 2.27 0.00	66.24 1.68 0.00	68.46 1.67 0.00	85.23 2.24 0.00	97.19 3.47 0.00	114.75 5.36 -0.07	139.10 7.63 0.16	162.72 9.36 -7.18	204.18 11.48 -7.65	267.98 16.53 -8.55	386.77 21.92 -84.01	339.99 24.82 -83.28	254.83 18.63 -76.92	116.13 12.03 -4.61	89.79 8.16 0.00	74.97 5.81 0.00
EAST_PULASKI___ESR 323781	73.43 0.00 0.00	62.29 -0.37 0.00	57.77 -0.40 0.00	51.07 -0.41 0.00	51.28 -0.52 0.00	56.26 -0.57 0.00	58.11 -0.23 0.00	59.03 -0.30 0.00	61.01 -0.18 0.00	64.31 -0.26 0.00	66.59 -0.20 0.00	82.82 -0.17 0.00	93.81 0.09 0.00	108.89 -0.44 0.00	131.23 -0.39 0.00	145.31 -0.87 0.00	183.38 -1.67 0.00	241.22 -1.69 0.00	279.72 -1.12 0.00	232.12 0.23 0.00	159.44 0.16 0.00	100.48 0.99 0.00	82.12 0.49 0.00	69.16 0.00 0.00
EAST_RIVER___1 323558	75.56 2.13 0.00	65.67 3.01 0.00	61.61 3.43 0.00	54.62 3.14 0.00	54.69 2.90 0.00	59.66 2.84 0.00	61.96 3.62 0.00	63.48 4.15 0.00	65.78 4.59 0.00	69.61 5.04 0.00	72.19 5.41 0.00	89.63 6.64 0.00	103.18 9.46 0.00	124.10 12.46 -2.31	170.03 15.13 -23.27	275.05 17.24 -111.63	335.34 21.83 -128.46	382.04 28.41 -110.73	339.38 32.56 -25.98	283.48 25.97 -25.63	199.37 17.21 -22.88	107.91 7.96 -0.47	86.36 4.73 0.00	72.13 2.97 0.00
EAST_RIVER___2 323559	75.41 1.98 0.00	65.61 2.95 0.00	61.55 3.37 0.00	54.52 3.04 0.00	54.64 2.85 0.00	59.55 2.73 0.00	61.90 3.56 0.00	63.41 4.09 0.00	65.78 4.59 0.00	69.61 5.04 0.00	72.13 5.34 0.00	89.54 6.55 0.00	103.00 9.28 0.00	123.88 12.24 -2.31	169.90 15.00 -23.27	274.77 16.95 -111.64	334.98 21.46 -128.47	381.58 27.92 -110.75	339.10 32.28 -25.98	283.02 25.51 -25.63	199.22 17.05 -22.88	107.72 7.77 -0.47	86.19 4.57 0.00	72.06 2.90 0.00
EAST___DELAWARE_HYD 23607	75.41 1.98 0.00	64.92 2.25 0.00	60.62 2.44 0.00	53.64 2.16 0.00	53.71 1.92 0.00	58.76 1.93 0.00	60.97 2.63 0.00	62.29 2.96 0.00	64.31 3.12 0.00	68.05 3.48 0.00	70.32 3.54 0.00	87.54 4.56 0.01	99.94 6.56 0.33	117.79 8.85 0.39	142.44 11.18 0.37	162.53 13.16 -3.18	208.27 17.21 -6.00	272.20 22.83 -6.46	319.66 26.69 -12.13	266.38 21.32 -13.17	188.58 14.17 -15.13	106.73 7.17 -0.08	85.87 4.24 0.00	71.79 2.63 0.00
EIGHT_POINT___WT_PWR 323820	76.88 3.45 0.00	64.04 1.38 0.00	58.93 0.75 0.00	52.41 0.93 0.00	52.21 0.41 0.00	57.05 0.23 0.00	59.10 0.76 0.00	59.68 0.36 0.00	62.11 0.92 0.00	65.54 0.97 0.00	68.19 1.40 0.00	85.06 2.08 0.00	96.15 2.43 0.00	110.86 1.53 0.00	134.00 2.37 0.00	147.49 1.31 0.00	184.13 -0.92 0.00	241.94 -0.97 0.00	284.12 -0.28 -3.57	237.77 2.32 -3.57	165.95 3.18 -3.49	103.09 3.48 -0.12	84.73 3.10 0.00	71.23 2.07 0.00
ELBRIDGE_115KV_TB2 80188	73.28 -0.15 0.00	62.10 -0.56 0.00	57.59 -0.58 0.00	50.91 -0.57 0.00	51.17 -0.62 0.00	55.97 -0.85 0.00	57.81 -0.53 0.00	58.85 -0.47 0.00	60.95 -0.24 0.00	64.31 -0.26 0.00	66.72 -0.07 0.00	83.07 0.08 0.00	94.28 0.56 0.00	109.65 0.33 0.00	132.42 0.79 0.00	146.62 0.44 0.00	185.05 0.00 0.00	242.91 0.00 0.00	281.40 0.56 0.00	232.81 0.93 0.00	159.92 0.64 0.00	99.98 0.50 0.00	81.79 0.16 0.00	68.81 -0.35 0.00
ELEC_TRO_TEK 24086	76.74 3.30 0.00	66.55 3.89 0.00	62.25 4.07 0.00	55.39 3.91 0.00	55.26 3.47 0.00	60.29 3.47 0.00	62.42 4.08 0.00	64.07 4.75 0.00	66.33 5.14 0.00	70.25 5.68 0.00	71.80 5.01 0.00	112.30 6.64 -22.67	105.65 9.93 -2.00	124.20 12.57 -2.30	175.88 15.40 -28.86	330.97 17.54 -167.25	376.41 22.02 -169.33	423.55 28.91 -151.74	363.77 32.86 -50.07	315.03 25.97 -57.18	199.37 17.20 -22.89	107.81 7.86 -0.47	86.87 5.22 -0.02	72.69 2.42 -1.11
ELLENBURG_WT_PWR 323604	73.73 0.29 0.00	62.73 0.06 0.00	57.89 -0.29 0.00	51.22 -0.26 0.00	51.85 0.05 0.00	56.88 0.06 0.00	57.87 -0.47 0.00	58.73 -0.59 0.00	60.39 -0.80 0.00	63.66 -0.90 0.00	65.65 -1.14 0.00	81.41 -1.58 0.00	90.81 -2.91 0.00	104.30 -5.03 0.00	125.05 -6.58 0.00	138.73 -7.45 0.00	176.54 -8.51 0.00	232.71 -10.19 0.00	269.05 -11.78 0.00	222.37 -9.52 0.00	152.90 -6.38 0.00	96.21 -3.28 0.00	80.73 -0.90 0.00	69.23 0.07 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	75.71 2.28 0.00	62.54 -0.13 0.00	57.42 -0.76 0.00	50.50 -0.98 0.00	50.86 -0.93 0.00	55.46 -1.36 0.00	57.17 -1.17 0.00	57.72 -1.60 0.00	60.89 -0.31 0.00	64.50 -0.06 0.00	67.32 0.53 0.00	83.82 0.83 0.00	95.03 1.31 0.00	108.23 -1.09 0.00	131.36 -0.26 0.00	144.13 -2.05 0.00	178.21 -6.85 0.00	232.46 -10.44 0.00	272.35 -11.23 -2.74	227.90 -6.72 -2.74	157.98 -3.98 -2.68	98.00 -1.49 0.00	81.79 0.16 0.00	69.23 0.07 0.00
EMPIRE_CC_1 323656	73.65 0.22 0.00	63.73 1.06 0.00	59.63 1.46 0.00	52.92 1.44 0.00	53.09 1.30 0.00	57.85 1.02 0.00	59.74 1.40 0.00	60.93 1.60 0.00	62.60 1.41 0.00	65.92 1.36 0.00	67.85 1.07 0.00	84.15 1.16 0.00	95.87 2.16 0.00	113.18 3.72 -0.14	135.81 4.48 0.29	172.52 5.55 -20.79	215.79 7.59 -23.15	278.84 9.73 -26.21	376.42 11.52 -84.06	322.73 8.81 -82.04	233.00 5.90 -67.82	103.85 3.09 -1.28	82.93 1.30 0.00	69.78 0.62 0.00
EMPIRE_CC_2 323658	73.65 0.22 0.00	63.73 1.06 0.00	59.63 1.46 0.00	52.92 1.44 0.00	53.09 1.30 0.00	57.85 1.02 0.00	59.74 1.40 0.00	60.93 1.60 0.00	62.60 1.41 0.00	65.92 1.36 0.00	67.85 1.07 0.00	84.15 1.16 0.00	95.87 2.16 0.00	113.18 3.72 -0.14	135.81 4.48 0.29	172.52 5.55 -20.79	215.79 7.59 -23.15	278.84 9.73 -26.21	376.42 11.52 -84.06	322.73 8.81 -82.04	233.00 5.90 -67.82	103.85 3.09 -1.28	82.93 1.30 0.00	69.78 0.62 0.00
ENORWICH_115KV_TB1 80156	80.26 6.83 0.00	67.80 5.14 0.00	62.83 4.65 0.00	55.44 3.96 0.00	55.63 3.83 0.00	61.14 4.32 0.00	63.59 5.25 0.00	64.54 5.22 0.00	66.64 5.45 0.00	70.05 5.49 0.00	72.53 5.74 0.00	90.21 7.22 0.00	102.43 8.72 0.00	119.60 10.28 0.00	144.39 12.77 0.00	160.36 14.18 0.00	202.45 17.40 0.00	266.47 23.56 0.00	317.82 29.77 -7.21	266.23 27.13 -7.21	184.49 18.16 -7.05	111.63 11.84 -0.30	89.79 8.16 0.00	75.18 6.02 0.00
ERIE_ST__34_KV_TB1-2 80199	75.93 2.50 0.00	62.92 0.25 0.00	57.59 -0.58 0.00	50.66 -0.82 0.00	51.02 -0.78 0.00	55.74 -1.08 0.00	57.58 -0.76 0.00	58.26 -1.07 0.00	61.44 0.24 0.00	65.21 0.65 0.00	68.06 1.27 0.00	84.98 1.99 0.00	96.53 2.81 0.00	110.20 0.87 0.00	134.00 2.37 0.00	147.20 1.02 0.00	182.46 -2.59 0.00	238.29 -4.62 0.00	279.20 -4.49 -2.85	233.35 -1.39 -2.85	161.43 -0.64 -2.79	99.89 0.40 0.00	83.01 1.39 0.00	70.13 0.97 0.00
ERIE_WT_PWR 323693	76.07 2.64 0.00	62.92 0.25 0.00	57.71 -0.47 0.00	51.53 0.05 0.00	51.12 -0.67 0.00	55.80 -1.02 0.00	57.64 -0.70 0.00	58.14 -1.19 0.00	61.25 0.06 0.00	64.96 0.39 0.00	67.79 1.00 0.00	84.40 1.41 0.00	95.69 1.97 0.00	109.55 0.22 0.00	132.55 0.93 0.00	145.89 -0.29 0.00	180.24 -4.81 0.00	236.36 -6.55 0.00	274.11 -9.55 -2.82	228.21 -6.49 -2.82	158.68 -3.35 -2.76	99.59 0.10 0.00	82.53 0.90 0.00	69.71 0.55 0.00
ESPRGFLD_115KV_TB1 80157	77.84 4.41 0.00	66.30 3.63 0.00	61.72 3.55 0.00	54.67 3.19 0.00	54.85 3.06 0.00	60.23 3.41 0.00	62.37 4.03 0.00	62.94 3.62 0.00	64.80 3.61 0.00	68.18 3.62 0.00	70.59 3.81 0.00	87.89 4.90 0.00	100.18 6.47 0.00	117.42 8.09 0.00	141.76 10.14 0.00	163.57 11.40 -5.99	206.17 13.88 -7.23	270.24 18.95 -8.38	365.65 23.03 -61.79	314.24 21.10 -61.26	230.59 14.65 -56.66	112.04 9.25 -3.30	87.83 6.20 0.00	73.52 4.36 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	75.49 2.06 0.00	63.92 1.25 0.00	59.28 1.11 0.00	52.35 0.88 0.00	52.57 0.78 0.00	57.62 0.80 0.00	59.62 1.28 0.00	60.57 1.25 0.00	62.66 1.47 0.00	66.05 1.49 0.00	68.46 1.67 0.00	85.15 2.16 0.00	96.72 3.00 0.00	112.61 3.28 0.00	135.97 4.34 0.00	150.71 4.53 0.00	190.42 5.37 0.00	250.19 7.29 0.00	294.72 9.83 -4.05	245.21 9.28 -4.05	169.77 6.53 -3.96	103.81 4.18 -0.14	84.56 2.94 0.00	71.03 1.87 0.00
ETNA____115KV_TB2 80207	75.49 2.06 0.00	63.92 1.25 0.00	59.28 1.11 0.00	52.35 0.88 0.00	52.57 0.78 0.00	57.62 0.80 0.00	59.62 1.28 0.00	60.57 1.25 0.00	62.66 1.47 0.00	66.05 1.49 0.00	68.46 1.67 0.00	85.15 2.16 0.00	96.72 3.00 0.00	112.61 3.28 0.00	135.97 4.34 0.00	150.71 4.53 0.00	190.42 5.37 0.00	250.19 7.29 0.00	294.72 9.83 -4.05	245.21 9.28 -4.05	169.77 6.53 -3.96	103.81 4.18 -0.14	84.56 2.94 0.00	71.03 1.87 0.00
EUCLID___115KV_TB2 356179	72.70 -0.73 0.00	61.66 -1.00 0.00	57.25 -0.93 0.00	50.60 -0.88 0.00	50.86 -0.93 0.00	55.69 -1.14 0.00	57.46 -0.88 0.00	58.49 -0.83 0.00	60.58 -0.61 0.00	63.98 -0.58 0.00	66.39 -0.40 0.00	82.57 -0.41 0.00	93.72 0.00 0.00	109.22 -0.11 0.00	131.76 0.13 0.00	146.03 -0.15 0.00	184.31 -0.74 0.00	241.69 -1.21 0.00	279.72 -1.12 0.00	231.42 -0.46 0.00	158.96 -0.32 0.00	99.29 -0.20 0.00	81.14 -0.49 0.00	68.33 -0.83 0.00
E_CANADA_CAP_HY 24051	78.79 5.36 0.00	67.24 4.57 0.00	62.54 4.37 0.00	55.39 3.91 0.00	55.57 3.78 0.00	61.03 4.20 0.00	63.01 4.67 0.00	63.24 3.91 0.00	64.74 3.55 0.00	67.73 3.16 0.00	69.99 3.21 0.00	87.14 4.15 0.00	99.24 5.53 0.00	116.65 7.33 0.00	140.71 9.48 0.39	163.16 11.26 -5.72	205.84 14.25 -6.54	270.79 19.92 -7.97	384.30 24.99 -78.48	333.57 23.89 -77.80	248.21 17.05 -71.88	114.61 10.85 -4.28	89.05 7.43 0.00	74.41 5.25 0.00
E_CANADA_MHWK_HY 24050	73.87 0.44 0.00	63.11 0.44 0.00	58.64 0.46 0.00	51.89 0.41 0.00	52.16 0.37 0.00	57.22 0.40 0.00	58.98 0.64 0.00	59.98 0.65 0.00	61.80 0.61 0.00	65.21 0.65 0.00	67.45 0.67 0.00	83.90 0.91 0.00	94.93 1.22 0.00	111.07 1.74 0.00	133.60 1.98 0.00	148.38 2.20 0.00	187.45 2.40 0.00	246.30 3.40 0.00	285.06 4.22 0.00	235.58 3.70 0.00	161.67 2.39 0.00	100.98 1.49 0.00	82.36 0.73 0.00	69.58 0.42 0.00
E_FISHKILL___LBMP 23776	74.83 1.40 0.00	64.73 2.07 0.00	60.56 2.39 0.00	53.85 2.37 0.00	53.81 2.02 0.00	58.76 1.93 0.00	60.91 2.57 0.00	62.29 2.97 0.00	64.31 3.12 0.00	67.99 3.42 0.00	70.33 3.54 0.00	87.30 4.32 0.00	100.37 6.65 0.00	118.49 8.86 -0.31	141.31 10.79 1.11	155.53 12.43 3.07	192.59 16.10 8.56	252.89 20.89 10.90	332.02 24.43 -26.75	277.05 18.78 -26.38	195.56 12.74 -23.54	106.23 6.27 -0.48	85.05 3.43 0.00	71.24 2.07 0.00
FALCON___SEABRD_CC1 323796	73.80 0.37 0.00	62.79 0.13 0.00	57.94 -0.23 0.00	51.53 0.05 0.00	52.16 0.37 0.00	56.94 0.11 0.00	57.93 -0.41 0.00	58.79 -0.53 0.00	60.46 -0.73 0.00	63.72 -0.84 0.00	65.72 -1.07 0.00	81.50 -1.49 0.00	90.81 -2.91 0.00	104.19 -5.14 0.00	124.92 -6.71 0.00	138.43 -7.75 0.00	176.36 -8.69 0.00	232.47 -10.44 0.00	268.77 -12.07 0.00	222.15 -9.73 0.00	152.74 -6.54 0.00	96.21 -3.28 0.00	80.73 -0.90 0.00	69.30 0.14 0.00
FALCON___SEABRD_CC2 323797	73.80 0.37 0.00	62.79 0.13 0.00	57.94 -0.23 0.00	51.53 0.05 0.00	52.16 0.37 0.00	56.94 0.11 0.00	57.93 -0.41 0.00	58.79 -0.53 0.00	60.46 -0.73 0.00	63.72 -0.84 0.00	65.72 -1.07 0.00	81.50 -1.49 0.00	90.81 -2.91 0.00	104.19 -5.14 0.00	124.92 -6.71 0.00	138.43 -7.75 0.00	176.36 -8.69 0.00	232.47 -10.44 0.00	268.77 -12.07 0.00	222.15 -9.73 0.00	152.74 -6.54 0.00	96.21 -3.28 0.00	80.73 -0.90 0.00	69.30 0.14 0.00

FAR ROCKAWAY___4 23548	78.64 5.21 0.00	67.99 5.33 0.00	63.53 5.35 0.00	56.47 4.99 0.00	56.35 4.56 0.00	61.48 4.66 0.00	63.47 5.13 0.00	65.20 5.87 0.00	67.56 6.36 0.00	71.67 7.10 0.00	73.53 6.75 0.00	144.80 8.96 -52.85	112.15 12.65 -5.79	129.31 15.85 -4.14	186.64 18.82 -36.19	421.05 21.49 -253.38	428.49 25.35 -218.08	483.11 33.52 -206.68	404.74 38.19 -85.71	375.30 32.46 -110.95	209.17 21.18 -28.71	110.60 10.65 -0.47	89.19 7.51 -0.05	78.93 4.15 -5.62
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	75.56 2.13 0.00	65.67 3.01 0.00	61.61 3.43 0.00	54.88 3.40 0.00	54.75 2.95 0.00	59.67 2.84 0.00	62.02 3.68 0.00	63.48 4.15 0.00	65.72 4.53 0.00	69.67 5.10 0.00	72.13 5.34 0.00	89.55 6.56 0.00	103.56 9.84 0.00	124.10 12.46 -2.31	170.04 15.14 -23.27	275.23 17.40 -111.65	335.57 22.02 -128.50	382.34 28.66 -110.77	339.12 32.30 -25.98	282.79 25.28 -25.63	199.21 17.04 -22.88	108.11 8.16 -0.47	86.36 4.73 0.00	72.20 3.04 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	75.56 2.13 0.00	65.67 3.01 0.00	61.67 3.49 0.00	54.88 3.40 0.00	54.75 2.95 0.00	59.67 2.84 0.00	62.02 3.68 0.00	63.48 4.15 0.00	65.72 4.53 0.00	69.67 5.10 0.00	72.06 5.28 0.00	89.46 6.47 0.00	103.46 9.75 0.00	124.10 12.46 -2.31	170.04 15.14 -23.27	275.08 17.25 -111.65	335.57 22.02 -128.50	382.34 28.66 -110.77	339.12 32.30 -25.98	282.79 25.28 -25.63	199.21 17.04 -22.88	108.11 8.16 -0.47	86.36 4.73 0.00	72.20 3.04 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	75.49 2.06 0.00	65.61 2.95 0.00	61.55 3.37 0.00	54.82 3.35 0.00	54.69 2.90 0.00	59.61 2.78 0.00	61.96 3.62 0.00	63.48 4.15 0.00	65.72 4.53 0.00	69.60 5.04 0.00	72.06 5.28 0.00	89.46 6.47 0.00	103.37 9.65 0.00	123.99 12.35 -2.31	169.90 15.01 -23.27	274.93 17.10 -111.65	335.38 21.84 -128.50	382.10 28.42 -110.77	338.84 32.02 -25.98	282.32 24.81 -25.63	198.89 16.72 -22.88	108.01 8.06 -0.47	86.20 4.57 0.00	72.13 2.97 0.00
FARRAGUT___LBMP 323566	75.41 1.98 0.00	65.55 2.88 0.00	61.49 3.32 0.00	54.77 3.29 0.00	54.64 2.85 0.00	59.55 2.73 0.00	61.90 3.56 0.00	63.36 4.03 0.00	65.60 4.41 0.00	69.47 4.91 0.00	71.93 5.14 0.00	89.30 6.31 0.00	103.28 9.56 0.00	123.77 12.14 -2.31	169.77 14.87 -23.27	274.64 16.81 -111.65	335.01 21.47 -128.50	381.61 27.93 -110.77	338.27 31.45 -25.98	282.09 24.58 -25.63	198.73 16.57 -22.88	107.91 7.96 -0.47	86.12 4.49 0.00	72.07 2.90 0.00
FENNER___WINDPWR 24204	74.90 1.47 0.00	63.67 1.00 0.00	59.05 0.87 0.00	52.25 0.77 0.00	52.42 0.62 0.00	57.51 0.68 0.00	59.45 1.11 0.00	60.45 1.12 0.00	62.48 1.29 0.00	65.92 1.36 0.00	68.25 1.47 0.00	84.90 1.91 0.00	96.25 2.53 0.00	112.38 3.06 0.00	135.57 3.95 0.00	150.42 4.24 0.00	190.05 5.00 0.00	249.70 6.79 0.00	288.99 8.15 0.00	239.53 7.64 0.00	164.53 5.25 0.00	103.06 3.58 0.00	83.91 2.28 0.00	70.62 1.45 0.00
FIBERTEK___ENERGY 23856	73.21 -0.22 0.00	62.10 -0.56 0.00	57.59 -0.58 0.00	50.91 -0.57 0.00	51.12 -0.67 0.00	55.97 -0.85 0.00	57.81 -0.53 0.00	58.85 -0.47 0.00	60.95 -0.24 0.00	64.37 -0.19 0.00	66.79 0.00 0.00	83.16 0.17 0.00	94.28 0.56 0.00	109.87 0.55 0.00	132.68 1.05 0.00	146.91 0.73 0.00	185.61 0.56 0.00	243.39 0.49 0.00	281.68 0.84 0.00	233.04 1.16 0.00	160.08 0.80 0.00	100.08 0.60 0.00	81.79 0.16 0.00	68.81 -0.35 0.00
FITZPATRICK___ 23598	71.60 -1.83 0.00	60.79 -1.88 0.00	56.43 -1.74 0.00	49.98 -1.49 0.00	50.19 -1.61 0.00	54.95 -1.87 0.00	56.65 -1.69 0.00	57.60 -1.72 0.00	59.60 -1.59 0.00	62.89 -1.68 0.00	65.18 -1.60 0.00	81.08 -1.91 0.00	91.84 -1.87 0.00	107.03 -2.30 0.00	129.00 -2.63 0.00	143.10 -3.08 0.00	180.80 -4.25 0.00	237.33 -5.58 0.00	274.10 -6.74 0.00	226.56 -5.32 0.00	155.78 -3.50 0.00	97.50 -1.99 0.00	79.75 -1.87 0.00	67.30 -1.86 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	76.07 2.64 0.00	65.67 3.01 0.00	61.38 3.20 0.00	54.46 2.99 0.00	54.44 2.64 0.00	59.49 2.67 0.00	61.72 3.38 0.00	63.12 3.80 0.00	65.17 3.98 0.00	68.96 4.39 0.00	71.40 4.61 0.00	88.72 5.73 0.00	102.15 8.43 0.00	120.15 10.82 0.00	144.48 13.29 0.44	162.84 15.64 -1.02	206.04 20.17 -0.81	270.76 26.48 -1.38	335.35 30.05 -24.47	279.71 23.65 -24.18	197.07 15.93 -21.86	108.53 8.56 -0.48	86.85 5.22 0.00	72.62 3.46 0.00
FORT ORANGE___ 23900	73.73 0.29 0.00	63.48 0.81 0.00	59.28 1.10 0.00	52.71 1.23 0.00	52.88 1.09 0.00	57.62 0.80 0.00	59.51 1.17 0.00	60.22 0.89 0.00	61.87 0.67 0.00	65.02 0.46 0.00	67.06 0.27 0.00	83.13 0.17 0.03	93.97 0.94 0.68	111.13 2.07 0.27	132.28 2.49 1.85	80.00 3.66 69.84	103.17 5.55 87.43	145.14 7.05 104.81	153.25 8.72 136.30	110.48 6.73 128.13	80.00 4.62 83.90	103.38 2.29 -1.60	82.28 0.65 0.00	69.30 0.14 0.00
FORT_DRUM_COGEN 23780	76.96 3.52 0.00	65.24 2.57 0.00	60.21 2.04 0.00	53.07 1.60 0.00	53.40 1.61 0.00	58.81 1.99 0.00	60.85 2.51 0.00	61.64 2.31 0.00	63.46 2.26 0.00	66.89 2.32 0.00	68.99 2.20 0.00	85.56 2.57 0.00	96.62 2.91 0.00	110.20 0.87 0.00	132.68 1.05 0.00	146.91 0.73 0.00	185.42 0.37 0.00	244.61 1.70 0.00	285.89 5.06 0.00	239.77 7.88 0.00	164.70 5.42 0.00	105.76 6.27 0.00	86.44 4.82 0.00	72.90 3.73 0.00
FOX_HILLS___ESR 323835	57.01 1.40 17.81	56.13 2.26 8.79	54.51 2.56 6.22	54.77 3.29 0.00	54.33 2.54 0.00	54.37 1.99 4.44	54.36 2.80 6.78	54.98 3.68 8.02	56.55 4.04 8.68	58.48 4.33 10.41	60.47 4.61 10.92	84.52 5.89 4.36	100.70 8.43 1.45	120.26 10.71 -0.22	158.38 13.43 -13.33	238.14 15.06 -76.90	315.84 19.43 -111.36	379.38 25.51 -110.97	336.31 29.49 -25.98	280.70 23.19 -25.63	197.62 15.45 -22.89	101.50 7.06 5.05	72.67 3.92 12.88	62.74 2.35 8.77
FPL_FAR_ROCK_GT1 24212	78.66 5.21 -0.01	68.00 5.32 -0.01	63.54 5.35 -0.01	56.28 4.79 -0.01	56.36 4.56 -0.01	61.49 4.66 -0.01	63.48 5.14 0.00	65.21 5.87 -0.01	67.62 6.42 -0.01	71.68 7.10 -0.01	73.60 6.82 0.00	144.89 9.05 -52.85	111.78 12.27 -5.79	129.32 15.85 -4.14	186.64 18.82 -36.19	421.19 21.63 -253.38	428.49 25.35 -218.08	483.12 33.53 -206.68	405.02 38.48 -85.71	375.99 33.16 -110.95	209.34 21.35 -28.71	110.40 10.44 -0.47	88.37 6.69 -0.05	80.31 5.53 -5.62
FPL_FAR_ROCK_GT2 23815	78.66 5.21 -0.01	68.00 5.32 -0.01	63.54 5.35 -0.01	56.28 4.79 -0.01	56.36 4.56 -0.01	61.49 4.66 -0.01	63.48 5.14 0.00	65.21 5.87 -0.01	67.62 6.42 -0.01	71.68 7.10 -0.01	73.60 6.82 0.00	144.89 9.05 -52.85	111.78 12.27 -5.79	129.32 15.85 -4.14	186.64 18.82 -36.19	421.19 21.63 -253.38	428.49 25.35 -218.08	483.12 33.53 -206.68	405.02 38.48 -85.71	375.99 33.16 -110.95	209.34 21.35 -28.71	110.40 10.44 -0.47	88.37 6.69 -0.05	80.31 5.53 -5.62
FRANKLIN_FALL_HYD 24054	74.68 1.25 0.00	63.48 0.81 0.00	58.53 0.35 0.00	51.74 0.26 0.00	52.36 0.57 0.00	57.62 0.80 0.00	58.69 0.35 0.00	59.50 0.18 0.00	60.95 -0.24 0.00	64.24 -0.32 0.00	66.19 -0.60 0.00	82.08 -0.91 0.00	90.44 -3.28 0.00	104.19 -5.14 0.00	124.78 -6.84 0.00	138.29 -7.89 0.00	176.17 -8.88 0.00	232.22 -10.69 0.00	268.48 -12.36 0.00	222.38 -9.51 0.00	152.91 -6.37 0.00	96.80 -2.69 0.00	81.63 0.00 0.00	70.13 0.97 0.00

FREEPORT_EQUS_GT1 23764	77.55 4.11 -0.01	67.25 4.57 -0.01	62.84 4.66 -0.01	55.65 4.17 -0.01	55.74 3.93 -0.01	60.81 3.98 -0.01	62.83 4.49 0.00	64.61 5.28 -0.01	67.02 5.82 -0.01	70.97 6.39 -0.01	72.19 5.41 0.00	108.92 6.88 -19.05	105.43 10.03 -1.68	124.75 13.11 -2.31	175.79 16.19 -27.97	323.17 18.57 -158.42	368.42 23.32 -160.05	416.22 30.85 -142.46	360.73 35.39 -44.51	312.53 28.51 -52.13	200.48 18.31 -22.89	108.40 8.45 -0.47	86.94 5.30 -0.02	72.17 4.29 1.28
FREEPORT___CT2 23818	77.55 4.11 -0.01	67.25 4.57 -0.01	62.84 4.66 -0.01	55.65 4.17 -0.01	55.74 3.93 -0.01	60.81 3.98 -0.01	62.83 4.49 0.00	64.61 5.28 -0.01	67.02 5.82 -0.01	70.97 6.39 -0.01	72.19 5.41 0.00	108.92 6.88 -19.05	105.43 10.03 -1.68	124.75 13.11 -2.31	175.79 16.19 -27.97	323.17 18.57 -158.42	368.42 23.32 -160.05	416.22 30.85 -142.46	360.73 35.39 -44.51	312.53 28.51 -52.13	200.48 18.31 -22.89	108.40 8.45 -0.47	86.94 5.30 -0.02	72.17 4.29 1.28
FRESHKLS_33_KV_LOAD 356253	56.94 1.32 17.81	56.07 2.19 8.79	54.45 2.50 6.22	54.82 3.35 0.00	54.28 2.49 0.00	54.25 1.88 4.44	54.24 2.68 6.78	54.86 3.56 8.02	56.41 3.92 8.70	58.35 4.20 10.41	60.34 4.47 10.92	84.03 5.81 4.77	99.52 8.43 2.63	118.35 10.60 1.58	158.38 13.43 -13.33	238.28 15.20 -76.90	315.84 19.43 -111.36	379.38 25.51 -110.97	336.87 30.05 -25.98	281.40 23.88 -25.63	197.93 15.77 -22.89	101.60 7.16 5.05	72.67 3.92 12.88	62.67 2.28 8.77
FULTON COGEN____ 23766	72.62 -0.81 0.00	61.66 -1.00 0.00	57.25 -0.93 0.00	50.60 -0.88 0.00	50.81 -0.98 0.00	55.69 -1.14 0.00	57.46 -0.88 0.00	58.49 -0.83 0.00	60.52 -0.67 0.00	63.86 -0.71 0.00	66.25 -0.53 0.00	82.41 -0.58 0.00	93.53 -0.19 0.00	109.00 -0.33 0.00	131.50 -0.13 0.00	145.74 -0.44 0.00	184.13 -0.93 0.00	241.45 -1.46 0.00	279.72 -1.12 0.00	231.42 -0.46 0.00	158.96 -0.32 0.00	99.29 -0.20 0.00	81.14 -0.49 0.00	68.33 -0.83 0.00
FULTON___LFGE 323630	78.72 5.29 0.00	67.24 4.57 0.00	62.54 4.37 0.00	55.34 3.86 0.00	55.57 3.78 0.00	60.97 4.15 0.00	63.01 4.67 0.00	63.41 4.09 0.00	64.92 3.73 0.00	67.86 3.29 0.00	70.06 3.27 0.00	87.22 4.23 0.00	99.24 5.53 0.00	116.73 7.33 -0.07	140.81 9.35 0.16	164.87 11.41 -7.28	207.41 14.62 -7.74	271.95 20.41 -8.64	391.53 25.29 -85.40	339.95 23.41 -84.66	254.19 16.72 -78.19	114.92 10.75 -4.69	88.89 7.26 0.00	74.28 5.12 0.00
G.F.CEMENT___DRP 24184	77.32 3.89 0.00	66.24 3.57 0.00	61.67 3.49 0.00	54.62 3.14 0.00	54.75 2.95 0.00	59.95 3.13 0.00	62.07 3.73 0.00	63.12 3.80 0.00	64.86 3.67 0.00	67.86 3.29 0.00	69.66 2.87 0.00	86.72 3.73 0.00	98.78 5.06 0.00	115.87 6.45 -0.10	139.31 7.90 0.21	171.69 10.38 -15.13	215.81 13.88 -16.88	280.49 18.46 -19.13	411.44 23.31 -107.29	357.65 19.94 -105.82	268.07 14.34 -94.45	113.39 9.15 -4.75	87.50 5.88 0.00	73.10 3.94 0.00
GARDENVILLE___LBMP 24039	75.85 2.42 0.00	62.73 0.06 0.00	57.54 -0.64 0.00	50.60 -0.88 0.00	50.97 -0.83 0.00	55.63 -1.19 0.00	57.35 -0.99 0.00	57.90 -1.42 0.00	61.07 -0.12 0.00	64.70 0.13 0.00	67.52 0.73 0.00	84.07 1.08 0.00	95.31 1.59 0.00	108.67 -0.66 0.00	131.89 0.26 0.00	144.72 -1.46 0.00	179.13 -5.92 0.00	233.67 -9.23 0.00	273.82 -9.83 -2.81	229.36 -5.33 -2.81	159.00 -3.03 -2.74	98.49 -0.99 0.00	82.12 0.49 0.00	69.51 0.35 0.00
GARDNVLA_35_KV_LD 355827	76.22 2.79 0.00	63.04 0.38 0.00	57.83 -0.35 0.00	50.81 -0.67 0.00	51.22 -0.57 0.00	55.86 -0.97 0.00	57.64 -0.70 0.00	58.26 -1.07 0.00	61.44 0.24 0.00	65.08 0.52 0.00	67.99 1.20 0.00	84.65 1.66 0.00	96.06 2.34 0.00	109.44 0.11 0.00	132.81 1.18 0.00	145.89 -0.29 0.00	180.24 -4.81 0.00	235.38 -7.53 0.00	275.80 -7.86 -2.82	230.77 -3.94 -2.82	159.97 -2.07 -2.76	99.09 -0.40 0.00	82.61 0.98 0.00	69.85 0.69 0.00
GELCKHM___115KV_LOAD 80723	72.84 -0.59 0.00	61.79 -0.88 0.00	57.36 -0.81 0.00	50.71 -0.77 0.00	50.97 -0.83 0.00	55.80 -1.02 0.00	57.58 -0.76 0.00	58.61 -0.71 0.00	60.70 -0.49 0.00	64.11 -0.45 0.00	66.52 -0.27 0.00	82.82 -0.17 0.00	93.90 0.19 0.00	109.44 0.11 0.00	132.02 0.39 0.00	146.33 0.15 0.00	184.68 -0.37 0.00	242.18 -0.73 0.00	280.56 -0.28 0.00	231.88 0.00 0.00	159.28 0.00 0.00	99.59 0.10 0.00	81.38 -0.24 0.00	68.47 -0.69 0.00
GENERAL___MILLS 23808	76.00 2.57 0.00	62.92 0.25 0.00	57.71 -0.47 0.00	50.71 -0.77 0.00	51.07 -0.73 0.00	55.74 -1.08 0.00	57.46 -0.88 0.00	58.08 -1.25 0.00	61.25 0.06 0.00	64.89 0.32 0.00	67.72 0.94 0.00	84.32 1.33 0.00	95.68 1.97 0.00	109.00 -0.33 0.00	132.42 0.79 0.00	145.30 -0.88 0.00	179.69 -5.37 0.00	234.40 -8.50 0.00	274.67 -8.99 -2.82	230.07 -4.64 -2.82	159.33 -2.71 -2.76	98.79 -0.70 0.00	82.36 0.73 0.00	69.71 0.55 0.00
GE_PLASTICS___DRP 24183	72.99 -0.44 0.00	62.85 0.19 0.00	58.70 0.52 0.00	52.25 0.77 0.00	52.36 0.57 0.00	57.11 0.28 0.00	58.98 0.64 0.00	59.98 0.65 0.00	61.68 0.49 0.00	64.95 0.39 0.00	67.12 0.33 0.00	82.71 0.25 0.53	82.90 1.22 12.04	105.02 2.08 6.39	105.14 2.50 28.99	105.15 3.22 44.25	105.02 4.44 84.48	96.50 5.83 152.24	96.27 6.74 191.31	87.50 4.87 149.25	121.50 3.34 41.12	87.61 1.59 13.47	81.95 0.33 0.00	68.88 -0.28 0.00
GILBOA___1 23756	74.17 0.73 0.00	63.67 1.00 0.00	59.86 1.69 0.00	53.28 1.80 0.00	53.45 1.66 0.00	58.41 1.59 0.00	60.38 2.04 0.00	61.10 1.78 0.00	62.78 1.59 0.00	66.24 1.68 0.00	68.52 1.73 0.00	85.14 2.15 0.00	96.99 3.28 0.00	114.02 4.70 0.00	137.03 5.40 0.00	151.59 5.41 0.00	191.90 6.85 0.00	251.64 8.73 0.00	304.73 10.10 -13.80	253.80 8.11 -13.80	178.67 5.90 -13.49	103.36 3.58 -0.30	83.50 1.88 0.00	70.20 1.04 0.00
GILBOA___2 23757	74.17 0.73 0.00	63.67 1.00 0.00	59.86 1.69 0.00	53.28 1.80 0.00	53.45 1.66 0.00	58.41 1.59 0.00	60.38 2.04 0.00	61.10 1.78 0.00	62.78 1.59 0.00	66.24 1.68 0.00	68.52 1.73 0.00	85.14 2.15 0.00	96.99 3.28 0.00	114.02 4.70 0.00	137.03 5.40 0.00	151.59 5.41 0.00	191.90 6.85 0.00	251.64 8.73 0.00	304.73 10.10 -13.80	253.80 8.11 -13.80	178.67 5.90 -13.49	103.36 3.58 -0.30	83.50 1.88 0.00	70.20 1.04 0.00
GILBOA___3 23758	74.17 0.73 0.00	63.67 1.00 0.00	59.86 1.69 0.00	53.28 1.80 0.00	53.45 1.66 0.00	58.41 1.59 0.00	60.38 2.04 0.00	61.10 1.78 0.00	62.78 1.59 0.00	66.24 1.68 0.00	68.52 1.73 0.00	85.14 2.15 0.00	96.99 3.28 0.00	114.02 4.70 0.00	137.03 5.40 0.00	151.59 5.41 0.00	191.90 6.85 0.00	251.64 8.73 0.00	304.73 10.10 -13.80	253.80 8.11 -13.80	178.67 5.90 -13.49	103.36 3.58 -0.30	83.50 1.88 0.00	70.20 1.04 0.00
GILBOA___4 23759	74.17 0.73 0.00	63.67 1.00 0.00	59.86 1.69 0.00	53.28 1.80 0.00	53.45 1.66 0.00	58.41 1.59 0.00	60.38 2.04 0.00	61.10 1.78 0.00	62.78 1.59 0.00	66.24 1.68 0.00	68.52 1.73 0.00	85.14 2.15 0.00	96.99 3.28 0.00	114.02 4.70 0.00	137.03 5.40 0.00	151.59 5.41 0.00	191.90 6.85 0.00	251.64 8.73 0.00	304.73 10.10 -13.80	253.80 8.11 -13.80	178.67 5.90 -13.49	103.36 3.58 -0.30	83.50 1.88 0.00	70.20 1.04 0.00

GILBOA____ 23599	74.17 0.73 0.00	63.67 1.00 0.00	59.86 1.69 0.00	53.33 1.85 0.00	53.45 1.66 0.00	58.41 1.59 0.00	60.38 2.04 0.00	61.10 1.78 0.00	62.78 1.59 0.00	66.24 1.68 0.00	68.52 1.74 0.00	85.15 2.16 0.00	97.18 3.47 0.00	114.03 4.70 0.00	137.02 5.40 0.00	151.59 5.41 0.00	191.90 6.85 0.00	251.65 8.74 0.00	304.75 10.11 -13.80	253.57 7.88 -13.80	178.51 5.73 -13.49	103.37 3.58 -0.30	83.50 1.88 0.00	70.20 1.04 0.00
GINNA____ 23603	72.25 -1.18 0.00	60.09 -2.57 0.00	55.50 -2.68 0.00	49.27 -2.21 0.00	49.21 -2.59 0.00	53.75 -3.07 0.00	55.66 -2.68 0.00	56.60 -2.73 0.00	59.05 -2.14 0.00	62.56 -2.00 0.00	65.32 -1.47 0.00	81.24 -1.75 0.00	92.12 -1.59 0.00	106.48 -2.84 0.00	128.73 -2.90 0.00	142.53 -3.65 0.00	178.57 -6.48 0.00	234.40 -8.51 0.00	269.60 -11.24 0.00	223.07 -8.81 0.00	153.55 -5.73 0.00	96.90 -2.59 0.00	79.59 -2.04 0.00	66.81 -2.35 0.00
GLEN PARK____ 23778	77.54 4.11 0.00	65.67 3.01 0.00	60.68 2.50 0.00	53.54 2.06 0.00	53.71 1.92 0.00	59.21 2.39 0.00	61.26 2.92 0.00	62.05 2.73 0.00	63.88 2.69 0.00	67.28 2.71 0.00	69.39 2.60 0.00	86.06 3.07 0.00	97.28 3.56 0.00	110.97 1.64 0.00	133.47 1.84 0.00	147.94 1.76 0.00	186.90 1.85 0.00	246.78 3.87 0.00	288.42 7.59 0.00	242.33 10.44 0.00	166.61 7.33 0.00	107.04 7.56 0.00	87.18 5.55 0.00	73.45 4.29 0.00
GLENDALE_27_KV_LOAD 356172	66.79 1.91 8.55	65.49 2.82 0.00	61.43 3.26 0.00	55.08 3.60 0.00	54.80 3.00 0.00	59.49 2.67 0.00	61.84 3.50 0.00	63.60 4.27 0.00	65.78 4.59 0.00	69.41 4.84 0.00	71.86 5.08 0.00	90.45 6.56 -0.90	98.08 9.65 5.29	108.55 12.14 12.91	169.66 14.74 -23.29	274.88 16.96 -111.74	318.07 21.65 -111.36	381.81 27.93 -110.97	338.56 31.73 -25.98	282.33 24.81 -25.63	198.89 16.72 -22.89	102.73 7.96 4.72	78.30 4.49 7.81	65.83 2.90 6.24
GLENWOOD_IC_1_G5 23712	76.22 2.79 0.00	66.05 3.38 0.00	62.25 4.07 0.00	55.34 3.86 0.00	55.26 3.47 0.00	60.29 3.47 0.00	62.42 4.08 0.00	64.07 4.75 0.00	65.90 4.71 0.00	69.92 5.36 0.00	71.93 5.14 0.00	102.59 6.72 -12.88	104.88 10.03 -1.14	124.53 12.90 -2.30	173.90 15.80 -26.47	307.57 17.98 -143.41	363.16 22.76 -155.35	410.30 29.63 -137.76	355.95 33.42 -41.69	301.41 25.97 -43.55	199.37 17.20 -22.89	108.01 8.06 -0.47	86.53 4.90 -0.01	70.81 2.56 0.91
GLENWOOD_IC_2_G1 23688	76.08 2.64 -0.01	65.99 3.32 -0.01	61.79 3.61 -0.01	54.78 3.30 -0.01	54.86 3.06 -0.01	59.84 3.01 -0.01	62.08 3.74 0.00	63.66 4.33 -0.01	65.85 4.65 -0.01	69.74 5.17 -0.01	71.86 5.07 0.00	96.05 6.55 -6.51	103.57 9.28 -0.58	123.88 12.24 -2.31	171.55 15.00 -24.92	291.02 16.95 -127.89	335.67 21.46 -129.16	382.40 27.92 -111.57	338.83 32.00 -25.99	292.08 25.51 -34.69	199.04 16.88 -22.89	107.72 7.77 -0.47	86.11 4.49 0.00	72.34 3.18 0.00
GLENWOOD_IC_3_G1 23689	76.08 2.64 -0.01	65.99 3.32 -0.01	61.79 3.61 -0.01	54.78 3.30 -0.01	54.86 3.06 -0.01	59.84 3.01 -0.01	62.08 3.74 0.00	63.66 4.33 -0.01	65.85 4.65 -0.01	69.74 5.17 -0.01	71.86 5.07 0.00	96.05 6.55 -6.51	103.57 9.28 -0.58	123.88 12.24 -2.31	171.55 15.00 -24.92	291.02 16.95 -127.89	335.67 21.46 -129.16	382.40 27.92 -111.57	338.83 32.00 -25.99	292.08 25.51 -34.69	199.04 16.88 -22.89	107.72 7.77 -0.47	86.11 4.49 0.00	72.34 3.18 0.00
GLENWOOD____4 23550	76.37 2.94 0.00	66.24 3.57 0.00	62.25 4.07 0.00	55.34 3.86 0.00	55.26 3.47 0.00	60.29 3.47 0.00	62.42 4.08 0.00	64.07 4.75 0.00	66.09 4.90 0.00	70.05 5.49 0.00	72.06 5.28 0.00	102.84 6.97 -12.88	105.16 10.31 -1.14	124.75 13.12 -2.30	174.29 16.19 -26.47	308.01 18.42 -143.41	363.53 23.13 -155.35	410.78 30.12 -137.76	356.51 33.98 -41.69	302.10 26.67 -43.55	199.69 17.52 -22.89	108.31 8.36 -0.47	86.69 5.06 -0.01	71.02 2.77 0.91
GLENWOOD____5 23614	76.37 2.94 0.00	66.24 3.57 0.00	62.25 4.07 0.00	55.34 3.86 0.00	55.26 3.47 0.00	60.29 3.47 0.00	62.42 4.08 0.00	64.07 4.75 0.00	66.09 4.90 0.00	70.05 5.49 0.00	72.06 5.28 0.00	102.84 6.97 -12.88	105.16 10.31 -1.14	124.75 13.12 -2.30	174.29 16.19 -26.47	308.01 18.42 -143.41	363.53 23.13 -155.35	410.78 30.12 -137.76	356.51 33.98 -41.69	302.10 26.67 -43.55	199.69 17.52 -22.89	108.31 8.36 -0.47	86.69 5.06 -0.01	71.02 2.77 0.91
GLOBAL GREEN_PORT_GT1 23814	80.78 7.34 -0.01	70.25 7.58 -0.01	65.63 7.45 -0.01	57.82 6.33 -0.01	57.60 5.80 -0.01	62.74 5.91 -0.01	64.64 6.30 0.00	67.04 7.71 -0.01	70.13 8.93 -0.01	75.10 10.53 -0.01	76.21 9.42 0.00	98.88 13.03 -2.86	110.41 17.34 0.64	131.85 21.65 -0.87	182.28 26.60 -24.05	279.07 23.84 -109.05	342.25 29.60 -127.60	387.38 39.35 -105.13	342.95 42.11 -20.00	283.30 31.08 -20.33	201.96 24.37 -18.31	111.09 11.14 -0.46	87.25 5.63 0.00	68.19 5.33 6.30
GLOBE____DSASP 323697	74.53 1.10 0.00	60.47 -2.19 0.00	56.55 -1.63 0.00	49.73 -1.75 0.00	50.09 -1.71 0.00	53.58 -3.24 0.00	55.54 -2.80 0.00	55.65 -3.68 0.00	58.74 -2.45 0.00	62.18 -2.39 0.00	64.92 -1.87 0.00	80.58 -2.41 0.00	91.09 -2.62 0.00	103.53 -5.79 0.00	125.70 -5.92 0.00	137.70 -8.48 0.00	169.69 -15.36 0.00	221.29 -21.62 0.00	258.40 -24.99 -2.56	216.59 -17.86 -2.56	150.47 -11.31 -2.50	93.72 -5.77 0.00	78.52 -3.10 0.00	66.74 -2.42 0.00
GOETHSLN____LBMP 323567	57.00 1.40 17.82	56.30 2.44 8.81	54.90 2.97 6.24	54.46 2.99 0.01	54.32 2.54 0.01	54.75 2.39 4.46	54.75 3.21 6.80	54.91 3.62 8.03	56.47 3.98 8.70	58.59 4.46 10.43	60.52 4.68 10.94	82.79 5.73 5.93	98.14 8.90 4.48	117.18 11.37 3.52	158.74 13.82 -13.30	238.76 15.79 -76.79	316.41 20.17 -111.19	379.90 26.23 -110.76	336.29 29.49 -25.97	280.45 22.96 -25.61	197.60 15.45 -22.87	101.59 7.16 5.06	72.66 3.92 12.88	62.73 2.35 8.78
GOLAH____69_KV_TB 1_2 80279	76.00 2.57 0.00	63.04 0.38 0.00	58.12 -0.06 0.00	51.07 -0.41 0.00	51.48 -0.31 0.00	56.31 -0.51 0.00	58.11 -0.23 0.00	58.91 -0.42 0.00	61.50 0.31 0.00	64.95 0.39 0.00	67.92 1.14 0.00	84.57 1.58 0.00	95.78 2.06 0.00	109.87 0.55 0.00	133.21 1.58 0.00	147.06 0.88 0.00	183.20 -1.85 0.00	239.99 -2.91 0.00	280.89 -1.97 -2.01	234.59 0.70 -2.01	161.89 0.64 -1.97	100.58 1.09 0.00	83.34 1.71 0.00	70.20 1.04 0.00
GOODYEAR_LAKE_HYD 323669	76.37 2.94 0.00	65.17 2.51 0.00	60.79 2.62 0.00	53.85 2.37 0.00	54.02 2.23 0.00	59.27 2.44 0.00	61.37 3.03 0.00	62.23 2.91 0.00	64.31 3.12 0.00	67.86 3.29 0.00	70.33 3.54 0.00	87.47 4.48 0.00	99.71 6.00 0.00	116.87 7.54 0.00	140.84 9.21 0.00	158.93 10.09 -2.67	200.49 12.21 -3.22	262.67 16.03 -3.73	329.83 18.82 -30.17	278.05 16.23 -29.94	198.26 11.15 -27.83	107.70 6.77 -1.45	85.95 4.33 0.00	72.13 2.97 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	74.75 1.32 0.00	63.29 0.63 0.00	58.70 0.52 0.00	51.94 0.46 0.00	52.16 0.36 0.00	57.05 0.23 0.00	59.04 0.70 0.00	60.04 0.71 0.00	62.29 1.10 0.00	65.86 1.29 0.00	68.32 1.54 0.00	85.06 2.07 0.00	96.81 3.09 0.00	112.50 3.17 0.00	135.97 4.34 0.00	150.27 4.09 0.00	189.12 4.07 0.00	248.01 5.10 0.00	293.16 6.46 -5.87	244.01 6.26 -5.87	169.48 4.46 -5.74	102.48 2.79 -0.20	83.67 2.04 0.00	70.27 1.11 0.00

GOUDEY___7 23579	74.75 1.32 0.00	63.29 0.63 0.00	58.70 0.52 0.00	51.94 0.46 0.00	52.16 0.36 0.00	57.05 0.23 0.00	59.04 0.70 0.00	60.04 0.71 0.00	62.29 1.10 0.00	65.86 1.29 0.00	68.32 1.54 0.00	85.06 2.07 0.00	96.81 3.09 0.00	112.50 3.17 0.00	135.97 4.34 0.00	150.27 4.09 0.00	189.12 4.07 0.00	248.01 5.10 0.00	293.16 6.46 -5.87	244.01 6.26 -5.87	169.48 4.46 -5.74	102.48 2.79 -0.20	83.67 2.04 0.00	70.27 1.11 0.00
GOUDEY___8 23580	74.75 1.32 0.00	63.29 0.63 0.00	58.70 0.52 0.00	51.94 0.46 0.00	52.16 0.36 0.00	57.05 0.23 0.00	59.04 0.70 0.00	60.04 0.71 0.00	62.29 1.10 0.00	65.86 1.29 0.00	68.32 1.54 0.00	85.06 2.07 0.00	96.81 3.09 0.00	112.50 3.17 0.00	135.97 4.34 0.00	150.27 4.09 0.00	189.12 4.07 0.00	248.01 5.10 0.00	293.16 6.46 -5.87	244.01 6.26 -5.87	169.48 4.46 -5.74	102.48 2.79 -0.20	83.67 2.04 0.00	70.27 1.11 0.00
GOWANUS_GT1_1 24077	75.26 1.84 0.01	65.24 2.57 0.00	61.09 2.91 0.00	54.93 3.45 0.00	54.54 2.75 0.00	59.15 2.33 0.00	61.43 3.09 0.00	63.37 4.03 -0.02	65.60 4.41 0.00	69.21 4.65 0.00	71.73 4.94 0.00	107.17 6.39 -17.79	131.30 9.00 -28.59	166.39 11.26 -45.80	169.00 14.08 -23.29	273.86 15.93 -111.74	316.77 20.36 -111.36	380.35 26.48 -110.97	337.43 30.61 -25.98	281.40 23.88 -25.63	198.09 15.93 -22.89	102.33 7.56 4.72	85.94 4.33 0.01	65.62 2.70 6.24
GOWANUS_GT1_2 24078	75.26 1.84 0.01	65.24 2.57 0.00	61.09 2.91 0.00	54.93 3.45 0.00	54.54 2.75 0.00	59.15 2.33 0.00	61.43 3.09 0.00	63.37 4.03 -0.02	65.60 4.41 0.00	69.21 4.65 0.00	71.73 4.94 0.00	107.17 6.39 -17.79	131.30 9.00 -28.59	166.39 11.26 -45.80	169.00 14.08 -23.29	273.86 15.93 -111.74	316.77 20.36 -111.36	380.35 26.48 -110.97	337.43 30.61 -25.98	281.40 23.88 -25.63	198.09 15.93 -22.89	102.33 7.56 4.72	85.94 4.33 0.01	65.62 2.70 6.24
GOWANUS_GT1_3 24079	75.26 1.84 0.01	65.24 2.57 0.00	61.09 2.91 0.00	54.93 3.45 0.00	54.54 2.75 0.00	59.15 2.33 0.00	61.43 3.09 0.00	63.37 4.03 -0.02	65.60 4.41 0.00	69.21 4.65 0.00	71.73 4.94 0.00	107.17 6.39 -17.79	131.30 9.00 -28.59	166.39 11.26 -45.80	169.00 14.08 -23.29	273.86 15.93 -111.74	316.77 20.36 -111.36	380.35 26.48 -110.97	337.43 30.61 -25.98	281.40 23.88 -25.63	198.09 15.93 -22.89	102.33 7.56 4.72	85.94 4.33 0.01	65.62 2.70 6.24
GOWANUS_GT1_4 24080	75.26 1.84 0.01	65.24 2.57 0.00	61.09 2.91 0.00	54.93 3.45 0.00	54.54 2.75 0.00	59.15 2.33 0.00	61.43 3.09 0.00	63.37 4.03 -0.02	65.60 4.41 0.00	69.21 4.65 0.00	71.73 4.94 0.00	107.17 6.39 -17.79	131.30 9.00 -28.59	166.39 11.26 -45.80	169.00 14.08 -23.29	273.86 15.93 -111.74	316.77 20.36 -111.36	380.35 26.48 -110.97	337.43 30.61 -25.98	281.40 23.88 -25.63	198.09 15.93 -22.89	102.33 7.56 4.72	85.94 4.33 0.01	65.62 2.70 6.24
GOWANUS_GT1_5 24084	75.26 1.84 0.01	65.24 2.57 0.00	61.09 2.91 0.00	54.93 3.45 0.00	54.54 2.75 0.00	59.15 2.33 0.00	61.43 3.09 0.00	63.37 4.03 -0.02	65.60 4.41 0.00	69.21 4.65 0.00	71.73 4.94 0.00	107.17 6.39 -17.79	131.30 9.00 -28.59	166.39 11.26 -45.80	169.00 14.08 -23.29	273.86 15.93 -111.74	316.77 20.36 -111.36	380.35 26.48 -110.97	337.43 30.61 -25.98	281.40 23.88 -25.63	198.09 15.93 -22.89	102.33 7.56 4.72	85.94 4.33 0.01	65.62 2.70 6.24

GOWANUS_GT2_6 24119	75.26 1.84 0.01	65.23 2.57 0.01	61.08 2.91 0.01	54.15 2.68 0.00	54.54 2.74 0.00	59.15 2.33 0.01	61.48 3.15 0.01	62.94 3.62 0.01	65.90 4.71 0.01	69.21 4.65 0.01	71.85 5.07 0.01	89.87 6.14 -0.74	107.80 8.81 -5.28	133.01 11.58 -12.11	169.13 14.22 -23.28	273.85 15.94 -111.73	316.77 20.36 -111.36	380.35 26.48 -110.96	337.98 31.17 -25.98	282.33 24.82 -25.62	198.41 16.25 -22.88	102.13 7.36 4.72	86.02 4.40 0.01	65.55 2.63 6.24
GOWANUS_GT2_7 24120	75.26 1.84 0.01	65.23 2.57 0.01	61.08 2.91 0.01	54.15 2.68 0.00	54.54 2.74 0.00	59.15 2.33 0.01	61.48 3.15 0.01	62.94 3.62 0.01	65.90 4.71 0.01	69.21 4.65 0.01	71.85 5.07 0.01	89.87 6.14 -0.74	107.80 8.81 -5.28	133.01 11.58 -12.11	169.13 14.22 -23.28	273.85 15.94 -111.73	316.77 20.36 -111.36	380.35 26.48 -110.96	337.98 31.17 -25.98	282.33 24.82 -25.62	198.41 16.25 -22.88	102.13 7.36 4.72	86.02 4.40 0.01	65.55 2.63 6.24
GOWANUS_GT2_8 24121	75.26 1.84 0.01	65.23 2.57 0.01	61.08 2.91 0.01	54.15 2.68 0.00	54.54 2.74 0.00	59.15 2.33 0.01	61.48 3.15 0.01	62.94 3.62 0.01	65.90 4.71 0.01	69.21 4.65 0.01	71.85 5.07 0.01	89.87 6.14 -0.74	107.80 8.81 -5.28	133.01 11.58 -12.11	169.13 14.22 -23.28	273.85 15.94 -111.73	316.77 20.36 -111.36	380.35 26.48 -110.96	337.98 31.17 -25.98	282.33 24.82 -25.62	198.41 16.25 -22.88	102.13 7.36 4.72	86.02 4.40 0.01	65.55 2.63 6.24
GOWANUS_GT3_1 24122	75.26 1.84 0.01	65.23 2.57 0.01	61.08 2.91 0.01	54.15 2.68 0.00	54.54 2.74 0.00	59.15 2.33 0.01	61.48 3.15 0.01	62.96 3.62 -0.02	65.90 4.71 0.01	69.21 4.65 0.01	71.85 5.07 0.01	106.92 6.14 -17.79	131.11 8.81 -28.59	166.71 11.58 -45.80	169.00 14.09 -23.28	273.85 15.94 -111.73	316.77 20.36 -111.36	380.35 26.48 -110.96	337.98 31.17 -25.98	282.33 24.82 -25.62	198.41 16.25 -22.88	102.13 7.36 4.72	86.02 4.40 0.01	65.55 2.63 6.24
GOWANUS_GT3_2 24123	75.26 1.84 0.01	65.23 2.57 0.01	61.08 2.91 0.01	54.15 2.68 0.00	54.54 2.74 0.00	59.15 2.33 0.01	61.48 3.15 0.01	62.96 3.62 -0.02	65.90 4.71 0.01	69.21 4.65 0.01	71.85 5.07 0.01	106.92 6.14 -17.79	131.11 8.81 -28.59	166.71 11.58 -45.80	169.00 14.09 -23.28	273.85 15.94 -111.73	316.77 20.36 -111.36	380.35 26.48 -110.96	337.98 31.17 -25.98	282.33 24.82 -25.62	198.41 16.25 -22.88	102.13 7.36 4.72	86.02 4.40 0.01	65.55 2.63 6.24
GOWANUS_GT3_3 24124	75.26 1.84 0.01	65.23 2.57 0.01	61.08 2.91 0.01	54.15 2.68 0.00	54.54 2.74 0.00	59.15 2.33 0.01	61.48 3.15 0.01	62.96 3.62 -0.02	65.90 4.71 0.01	69.21 4.65 0.01	71.85 5.07 0.01	106.92 6.14 -17.79	131.11 8.81 -28.59	166.71 11.58 -45.80	169.00 14.09 -23.28	273.85 15.94 -111.73	316.77 20.36 -111.36	380.35 26.48 -110.96	337.98 31.17 -25.98	282.33 24.82 -25.62	198.41 16.25 -22.88	102.13 7.36 4.72	86.02 4.40 0.01	65.55 2.63 6.24
GOWANUS_GT3_4 24125	75.26 1.84 0.01	65.23 2.57 0.01	61.08 2.91 0.01	54.15 2.68 0.00	54.54 2.74 0.00	59.15 2.33 0.01	61.48 3.15 0.01	62.96 3.62 -0.02	65.90 4.71 0.01	69.21 4.65 0.01	71.85 5.07 0.01	106.92 6.14 -17.79	131.11 8.81 -28.59	166.71 11.58 -45.80	169.00 14.09 -23.28	273.85 15.94 -111.73	316.77 20.36 -111.36	380.35 26.48 -110.96	337.98 31.17 -25.98	282.33 24.82 -25.62	198.41 16.25 -22.88	102.13 7.36 4		

GOWANUS_GT4_5 24134	75.26 1.84 0.01	65.24 2.57 0.00	61.09 2.91 0.00	54.93 3.45 0.00	54.54 2.75 0.00	59.15 2.33 0.00	61.43 3.09 0.00	63.35 4.03 0.01	65.60 4.41 0.00	69.21 4.65 0.00	71.73 4.94 0.00	90.12 6.39 -0.74	107.99 9.00 -5.28	132.69 11.26 -12.11	169.13 14.22 -23.29	273.86 15.93 -111.74	316.77 20.36 -111.36	380.35 26.48 -110.97	337.43 30.61 -25.98	281.40 23.88 -25.63	198.09 15.93 -22.89	102.33 7.56 4.72	85.94 4.33 0.01	65.62 2.70 6.24
GOWANUS_GT4_6 24135	75.26 1.84 0.01	65.24 2.57 0.00	61.09 2.91 0.00	54.93 3.45 0.00	54.54 2.75 0.00	59.15 2.33 0.00	61.43 3.09 0.00	63.35 4.03 0.01	65.60 4.41 0.00	69.21 4.65 0.00	71.73 4.94 0.00	90.12 6.39 -0.74	107.99 9.00 -5.28	132.69 11.26 -12.11	169.13 14.22 -23.29	273.86 15.93 -111.74	316.77 20.36 -111.36	380.35 26.48 -110.97	337.43 30.61 -25.98	281.40 23.88 -25.63	198.09 15.93 -22.89	102.33 7.56 4.72	85.94 4.33 0.01	65.62 2.70 6.24
GOWANUS_GT4_7 24136	75.26 1.84 0.01	65.24 2.57 0.00	61.09 2.91 0.00	54.93 3.45 0.00	54.54 2.75 0.00	59.15 2.33 0.00	61.43 3.09 0.00	63.35 4.03 0.01	65.60 4.41 0.00	69.21 4.65 0.00	71.73 4.94 0.00	90.12 6.39 -0.74	107.99 9.00 -5.28	132.69 11.26 -12.11	169.13 14.22 -23.29	273.86 15.93 -111.74	316.77 20.36 -111.36	380.35 26.48 -110.97	337.43 30.61 -25.98	281.40 23.88 -25.63	198.09 15.93 -22.89	102.33 7.56 4.72	85.94 4.33 0.01	65.62 2.70 6.24
GOWANUS_GT4_8 24137	75.26 1.84 0.01	65.24 2.57 0.00	61.09 2.91 0.00	54.93 3.45 0.00	54.54 2.75 0.00	59.15 2.33 0.00	61.43 3.09 0.00	63.35 4.03 0.01	65.60 4.41 0.00	69.21 4.65 0.00	71.73 4.94 0.00	90.12 6.39 -0.74	107.99 9.00 -5.28	132.69 11.26 -12.11	169.13 14.22 -23.29	273.86 15.93 -111.74	316.77 20.36 -111.36	380.35 26.48 -110.97	337.43 30.61 -25.98	281.40 23.88 -25.63	198.09 15.93 -22.89	102.33 7.56 4.72	85.94 4.33 0.01	65.62 2.70 6.24
GREATVRV_69_KV_BK1 356245	79.09 5.65 0.00	68.74 6.08 0.00	64.17 5.99 0.00	56.94 5.46 0.00	56.71 4.92 0.00	61.88 5.06 0.00	64.00 5.66 0.00	65.85 6.53 0.00	68.47 7.28 0.00	72.77 8.20 0.00	73.21 6.41 -0.01	95.48 8.71 -3.77	105.96 12.75 0.50	126.11 15.85 -0.93	175.38 19.48 -24.27	279.00 21.05 -111.77	341.35 26.83 -129.47	385.86 35.71 -107.25	342.65 40.44 -21.37	285.48 31.54 -22.06	199.16 21.34 -18.54	110.00 10.05 -0.46	88.17 6.53 -0.01	66.57 3.39 5.98
GREENBSH_115KV_TB3 55895	73.21 -0.22 0.00	63.10 0.44 0.00	58.93 0.76 0.00	52.51 1.03 0.00	52.57 0.78 0.00	57.28 0.45 0.00	59.22 0.88 0.00	60.27 0.95 0.00	61.93 0.73 0.00	65.21 0.65 0.00	67.32 0.53 0.00	83.57 0.58 0.00	95.22 1.50 0.00	111.95 2.51 -0.10	134.43 3.03 0.23	76.16 4.09 74.11	100.01 5.92 90.97	144.55 7.53 105.89	150.30 8.43 138.96	105.56 6.26 132.58	72.82 4.14 90.60	104.24 2.19 -2.57	82.36 0.73 0.00	69.16 0.00 0.00
GREENDGE_115KV_TB5 80291	75.49 2.06 0.00	63.23 0.56 0.00	58.41 0.23 0.00	51.53 0.05 0.00	51.79 0.00 0.00	56.71 -0.11 0.00	58.75 0.41 0.00	59.68 0.36 0.00	62.05 0.86 0.00	65.47 0.90 0.00	68.06 1.27 0.00	84.82 1.83 0.00	95.97 2.25 0.00	109.87 0.55 0.00	132.94 1.32 0.00	146.77 0.58 0.00	184.50 -0.56 0.00	242.18 -0.73 0.00	285.08 0.84 -3.40	237.83 2.55 -3.40	164.51 1.91 -3.32	101.89 2.29 -0.12	84.07 2.45 0.00	70.54 1.38 0.00
GREENIDGE___3 23582	75.49 2.06 0.00	63.23 0.56 0.00	58.41 0.23 0.00	51.53 0.05 0.00	51.79 0.00 0.00	56.71 -0.11 0.00	58.75 0.41 0.00	59.68 0.36 0.00	62.05 0.86 0.00	65.47 0.90 0.00	68.06 1.27 0.00	84.82 1.83 0.00	95.97 2.25 0.00	109.87 0.55 0.00	132.94 1.32 0.00	146.77 0.58 0.00	184.50 -0.56 0.00	242.18 -0.73 0.00	285.08 0.84 -3.40	237.83 2.55 -3.40	164.51 1.91 -3.32	101.89 2.29 -0.12	84.07 2.45 0.00	70.54 1.38 0.00
GREENIDGE___4 23583	75.48 2.05 0.00	63.23 0.56 0.00	58.41 0.23 0.00	51.84 0.36 0.00	51.79 0.00 0.00	56.71 -0.11 0.00	58.75 0.41 0.00	59.68 0.36 0.00	62.05 0.86 0.00	65.47 0.90 0.00	68.05 1.27 0.00	84.81 1.82 0.00	95.96 2.25 0.00	109.99 0.66 0.00	132.94 1.32 0.00	146.92 0.73 0.00	184.68 -0.37 0.00	242.91 0.00 0.00	284.80 0.56 -3.40	236.92 1.63 -3.40	164.19 1.59 -3.32	102.09 2.49 -0.12	84.07 2.45 0.00	70.47 1.31 0.00
GREENLWN_69_KV_BK 3 55738	76.22 2.79 0.00	66.55 3.89 0.00	62.19 4.01 0.00	55.29 3.81 0.00	55.16 3.37 0.00	60.18 3.35 0.00	62.25 3.91 0.00	64.01 4.69 0.00	66.45 5.26 0.00	70.31 5.75 0.00	70.73 3.94 0.00	91.84 5.48 -3.37	102.13 9.00 0.58	121.89 11.70 -0.87	170.12 14.35 -24.15	272.90 16.23 -110.50	334.08 20.36 -128.67	376.18 26.96 -106.31	331.92 30.33 -20.75	276.77 23.65 -21.23	192.97 15.29 -18.40	106.32 6.37 -0.46	85.37 3.75 0.01	64.11 1.04 6.08
GREENWD_138_KV_38B11_REV_LBMP_J 345004	75.26 1.84 0.01	65.24 2.57 0.00	61.09 2.91 0.00	54.93 3.45 0.00	54.54 2.75 0.00	59.15 2.33 0.00	61.43 3.09 0.00	63.36 4.03 -0.01	65.60 4.41 0.00	69.21 4.65 0.00	71.73 4.94 0.00	99.56 6.39 -10.18	110.20 9.00 -7.49	134.94 11.26 -14.35	169.13 14.22 -23.29	273.86 15.93 -111.74	316.77 20.36 -111.36	380.35 26.48 -110.97	337.43 30.61 -25.98	281.40 23.88 -25.63	198.09 15.93 -22.89	102.33 7.56 4.72	85.94 4.33 0.01	65.62 2.70 6.24
GRISSOM___SOLAR 323813	78.28 4.85 0.00	66.93 4.26 0.00	62.25 4.07 0.00	55.13 3.66 0.00	55.32 3.52 0.00	60.69 3.87 0.00	62.77 4.43 0.00	63.24 3.91 0.00	64.80 3.61 0.00	67.79 3.23 0.00	69.99 3.21 0.00	87.05 4.07 0.00	99.06 5.34 0.00	116.50 7.10 -0.08	140.42 8.96 0.17	164.52 10.97 -7.37	207.12 14.25 -7.82	271.29 19.67 -8.72	391.67 24.16 -86.68	339.84 22.04 -85.92	254.40 15.77 -79.35	114.29 10.04 -4.76	88.40 6.77 0.00	73.93 4.77 0.00
GROVEVILLE___HYD 323602	76.07 2.64 0.00	65.67 3.01 0.00	61.38 3.20 0.00	54.46 2.99 0.00	54.44 2.64 0.00	59.49 2.67 0.00	61.72 3.38 0.00	63.12 3.80 0.00	65.17 3.98 0.00	68.96 4.39 0.00	71.40 4.61 0.00	88.72 5.73 0.00	102.15 8.43 0.00	120.15 10.82 0.00	144.48 13.29 0.44	162.84 15.64 -1.02	206.04 20.17 -0.81	270.76 26.48 -1.38	335.35 30.05 -24.47	279.71 23.65 -24.18	197.07 15.93 -21.86	108.53 8.56 -0.48	86.85 5.22 0.00	72.62 3.46 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	73.21 -0.22 0.00	62.10 -0.56 0.00	57.59 -0.58 0.00	50.91 -0.57 0.00	51.12 -0.67 0.00	55.97 -0.85 0.00	57.81 -0.53 0.00	58.85 -0.47 0.00	60.95 -0.24 0.00	64.37 -0.19 0.00	66.79 0.00 0.00	83.16 0.17 0.00	94.28 0.56 0.00	109.87 0.55 0.00	132.68 1.05 0.00	146.91 0.73 0.00	185.61 0.56 0.00	243.39 0.49 0.00	281.68 0.84 0.00	233.04 1.16 0.00	160.08 0.80 0.00	100.08 0.60 0.00	81.79 0.16 0.00	68.81 -0.35 0.00
HAMLTNNY_34_KV_TB 80303	74.09 0.66 0.00	62.67 0.00 0.00	58.06 -0.12 0.00	51.27 -0.21 0.00	51.54 -0.26 0.00	56.43 -0.40 0.00	58.28 -0.06 0.00	59.26 -0.06 0.00	61.50 0.31 0.00	64.95 0.39 0.00	67.45 0.67 0.00	83.99 1.00 0.00	95.31 1.59 0.00	110.86 1.53 0.00	133.86 2.24 0.00	148.23 2.05 0.00	186.90 1.85 0.00	245.09 2.19 0.00	283.93 3.09 0.00	235.13 3.25 0.00	161.51 2.23 0.00	100.98 1.49 0.00	82.69 1.06 0.00	69.51 0.35 0.00

HAMPSHIRE___PAPER_HYD 323593	74.98 1.54 0.00	63.73 1.06 0.00	58.76 0.58 0.00	51.79 0.31 0.00	52.26 0.47 0.00	57.68 0.85 0.00	59.16 0.82 0.00	59.86 0.53 0.00	61.31 0.12 0.00	64.63 0.06 0.00	66.65 -0.13 0.00	82.58 -0.41 0.00	92.69 -1.03 0.00	105.28 -4.04 0.00	126.36 -5.27 0.00	139.90 -6.28 0.00	177.10 -7.95 0.00	233.43 -9.48 0.00	271.29 -9.55 0.00	226.10 -5.79 0.00	155.30 -3.98 0.00	99.39 -0.10 0.00	83.17 1.55 0.00	70.89 1.73 0.00
HARDSCRABBLE_WT_PWR 323673	73.95 0.52 0.00	63.17 0.50 0.00	58.70 0.52 0.00	51.94 0.46 0.00	52.16 0.37 0.00	57.28 0.45 0.00	59.04 0.70 0.00	59.98 0.65 0.00	61.87 0.67 0.00	65.28 0.71 0.00	67.52 0.74 0.00	83.99 1.00 0.00	95.12 1.41 0.00	111.18 1.86 0.00	133.73 2.10 0.00	148.51 2.33 0.00	187.64 2.59 0.00	246.55 3.65 0.00	285.32 4.48 0.00	235.58 3.70 0.00	161.67 2.39 0.00	100.98 1.49 0.00	82.36 0.73 0.00	69.65 0.49 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	75.63 2.20 0.00	65.30 2.63 0.00	61.03 2.85 0.00	54.21 2.73 0.00	54.13 2.33 0.00	59.15 2.33 0.00	61.37 3.03 0.00	62.76 3.44 0.00	64.92 3.73 0.00	68.76 4.20 0.00	71.19 4.41 0.00	88.63 5.64 0.00	101.96 8.25 0.00	119.06 10.71 0.98	146.86 13.29 -1.94	179.99 15.50 -18.31	241.01 19.99 -35.97	315.20 25.99 -46.30	333.60 29.21 -23.56	277.86 22.72 -23.25	195.30 15.13 -20.89	107.58 7.66 -0.44	86.12 4.49 0.00	72.00 2.84 0.00
HARSNRAD_115KV_TB1 81005	74.31 0.88 0.00	61.73 -0.94 0.00	56.37 -1.80 0.00	49.52 -1.96 0.00	49.93 -1.86 0.00	54.78 -2.05 0.00	56.01 -2.33 0.00	56.48 -2.85 0.00	59.60 -1.59 0.00	63.02 -1.55 0.00	65.72 -1.07 0.00	81.66 -1.33 0.00	92.40 -1.31 0.00	105.06 -4.26 0.00	127.68 -3.95 0.00	140.04 -6.14 0.00	172.65 -12.40 0.00	225.42 -17.49 0.00	263.70 -19.66 0.00	221.18 -13.22 0.00	153.30 -8.44 0.00	95.41 -4.08 0.00	79.83 -1.80 0.00	67.78 -1.38 0.00
HARZA MOOSE___RIVER 24016	75.56 2.13 0.00	64.23 1.57 0.00	59.46 1.28 0.00	52.46 0.98 0.00	52.73 0.93 0.00	58.02 1.19 0.00	59.92 1.58 0.00	60.81 1.48 0.00	62.78 1.59 0.00	66.44 1.87 0.00	68.66 1.87 0.00	85.23 2.24 0.00	96.43 2.72 0.00	111.51 2.19 0.00	134.39 2.76 0.00	148.52 2.34 0.00	187.64 2.59 0.00	246.79 3.89 0.00	286.74 5.90 0.00	238.61 6.72 0.00	163.74 4.46 0.00	103.67 4.18 0.00	84.89 3.27 0.00	71.65 2.49 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	72.99 -0.44 0.00	61.85 -0.81 0.00	57.42 -0.76 0.00	50.76 -0.72 0.00	51.02 -0.78 0.00	55.86 -0.97 0.00	57.64 -0.70 0.00	58.73 -0.59 0.00	60.82 -0.37 0.00	64.24 -0.32 0.00	66.72 -0.07 0.00	82.99 0.00 0.00	94.28 0.56 0.00	109.76 0.44 0.00	132.55 0.92 0.00	146.77 0.58 0.00	185.24 0.19 0.00	242.91 0.00 0.00	281.12 0.28 0.00	232.58 0.70 0.00	159.76 0.48 0.00	99.79 0.30 0.00	81.54 -0.08 0.00	68.61 -0.55 0.00
HELLGATE_13_KV_LD 55870	69.92 1.84 5.35	65.49 2.82 -0.01	61.38 3.20 0.00	55.08 3.60 0.00	54.85 3.06 0.00	59.44 2.61 0.00	61.78 3.44 0.00	63.54 4.21 0.00	65.66 4.47 0.00	69.34 4.78 0.00	71.80 5.01 0.00	90.27 6.47 -0.81	99.54 9.65 3.83	112.74 12.14 8.72	169.53 14.61 -23.29	274.74 16.81 -111.75	324.36 21.47 -117.84	381.57 27.69 -110.97	338.28 31.45 -25.99	282.10 24.58 -25.63	198.74 16.57 -22.89	104.67 7.96 2.77	81.23 4.49 4.89	68.03 2.77 3.90
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	69.92 1.84 5.35	65.49 2.82 -0.01	61.38 3.20 0.00	55.08 3.60 0.00	54.85 3.06 0.00	59.44 2.61 0.00	61.78 3.44 0.00	63.54 4.21 0.00	65.66 4.47 0.00	69.34 4.78 0.00	71.80 5.01 0.00	90.27 6.47 -0.81	99.54 9.65 3.83	112.74 12.14 8.72	169.53 14.61 -23.29	274.74 16.81 -111.75	324.36 21.47 -117.84	381.57 27.69 -110.97	338.28 31.45 -25.99	282.10 24.58 -25.63	198.74 16.57 -22.89	104.67 7.96 2.77	81.23 4.49 4.89	68.03 2.77 3.90
HEMPSTEAD___ 23647	76.60 3.16 -0.01	66.44 3.76 -0.01	62.26 4.07 -0.01	55.14 3.66 -0.01	55.22 3.42 -0.01	60.24 3.41 -0.01	62.36 4.02 0.00	64.02 4.69 -0.01	66.28 5.08 -0.01	70.19 5.61 -0.01	71.80 5.01 0.00	104.04 6.64 -14.41	104.64 9.65 -1.27	124.31 12.68 -2.31	174.00 15.52 -26.85	311.14 17.83 -147.13	362.34 22.20 -155.09	409.79 29.38 -137.50	355.78 33.40 -41.53	304.22 26.66 -45.68	199.53 17.36 -22.89	107.61 7.66 -0.47	86.04 4.40 -0.01	71.05 3.46 1.56
HICKLING___1 23621	75.93 2.50 0.00	63.67 1.00 0.00	58.76 0.58 0.00	51.84 0.36 0.00	52.11 0.31 0.00	56.99 0.17 0.00	59.04 0.70 0.00	59.92 0.59 0.00	62.48 1.29 0.00	66.05 1.49 0.00	68.79 2.00 0.00	85.81 2.82 0.00	97.46 3.75 0.00	112.50 3.17 0.00	136.23 4.61 0.00	150.13 3.95 0.00	188.01 2.96 0.00	246.55 3.64 0.00	290.58 5.34 0.00	242.55 6.26 -4.41	168.37 4.78 -4.41	103.02 3.38 -4.31	84.65 3.02 -0.15	71.03 1.87 0.00
HICKLING___2 23622	75.93 2.50 0.00	63.67 1.00 0.00	58.76 0.58 0.00	51.84 0.36 0.00	52.11 0.31 0.00	56.99 0.17 0.00	59.04 0.70 0.00	59.92 0.59 0.00	62.48 1.29 0.00	66.05 1.49 0.00	68.79 2.00 0.00	85.81 2.82 0.00	97.46 3.75 0.00	112.50 3.17 0.00	136.23 4.61 0.00	150.13 3.95 0.00	188.01 2.96 0.00	246.55 3.64 0.00	290.58 5.34 0.00	242.55 6.26 -4.41	168.37 4.78 -4.41	103.02 3.38 -4.31	84.65 3.02 -0.15	71.03 1.87 0.00
HIGH FALLS___HY 23754	76.44 3.01 0.00	65.92 3.26 0.00	61.61 3.43 0.00	54.62 3.14 0.00	54.54 2.75 0.00	59.67 2.84 0.00	61.96 3.62 0.00	63.36 4.03 0.00	65.41 4.22 0.00	69.34 4.78 0.00	71.66 4.88 0.00	89.01 6.06 0.03	101.76 8.81 0.77	120.21 11.37 0.49	144.11 14.22 1.73	159.43 16.52 3.27	201.74 21.47 4.78	263.01 28.66 8.56	313.76 32.86 -0.06	260.73 25.97 -2.87	187.08 17.52 -10.28	108.32 9.15 0.32	87.26 5.63 0.00	72.90 3.73 0.00
HIGH_RIVER___SOLAR 323847	76.29 2.86 0.00	65.36 2.69 0.00	60.91 2.73 0.00	53.95 2.47 0.00	54.13 2.33 0.00	59.32 2.50 0.00	61.20 2.86 0.00	61.82 2.49 0.00	63.15 1.96 0.00	66.05 1.49 0.00	68.12 1.34 0.00	84.81 1.82 0.00	96.52 2.81 0.00	113.79 4.38 -0.08	136.97 5.53 0.19	160.77 6.87 -7.71	202.04 8.88 -8.10	264.54 12.62 -9.01	388.66 16.57 -91.25	337.64 15.30 -90.45	253.79 10.98 -83.52	111.29 6.77 -5.03	85.95 4.32 0.00	72.13 2.97 0.00
HILLBURN___GT 23639	75.04 1.61 0.00	64.99 2.32 0.00	60.80 2.62 0.00	53.85 2.37 0.00	53.97 2.17 0.00	58.93 2.10 0.00	61.20 2.86 0.00	62.64 3.32 0.00	64.80 3.61 0.00	68.64 4.07 0.00	71.07 4.28 0.00	88.38 5.39 0.00	101.49 7.77 0.00	118.65 10.50 1.17	146.70 12.91 -2.17	181.50 14.76 -20.56	245.33 19.06 -41.21	320.84 24.52 -53.41	333.02 28.08 -24.10	277.71 22.04 -23.79	195.26 14.64 -21.34	106.79 6.86 -0.44	85.62 4.00 0.00	71.58 2.42 0.00
HILLSIDE_115KV_TB1 80332	74.61 1.17 0.00	62.67 0.00 0.00	57.94 -0.23 0.00	51.22 -0.26 0.00	51.43 -0.36 0.00	56.20 -0.63 0.00	58.22 -0.12 0.00	59.21 -0.12 0.00	61.68 0.49 0.00	65.21 0.65 0.00	67.86 1.07 0.00	84.65 1.66 0.00	96.25 2.53 0.00	111.19 1.86 0.00	134.65 3.03 0.00	148.37 2.19 0.00	185.98 0.93 0.00	243.63 0.73 0.00	287.10 1.69 -4.58	239.48 3.01 -4.58	166.31 2.55 -4.48	101.53 1.89 -0.15	83.26 1.63 0.00	69.92 0.76 0.00

HISHELDN_WT_PWR 323625	75.56 2.13 0.00	62.73 0.06 0.00	57.59 -0.58 0.00	51.38 -0.10 0.00	51.02 -0.78 0.00	55.69 -1.14 0.00	57.52 -0.82 0.00	57.96 -1.36 0.00	60.83 -0.36 0.00	64.31 -0.26 0.00	67.06 0.27 0.00	83.49 0.50 0.00	94.65 0.94 0.00	108.45 -0.88 0.00	131.23 -0.39 0.00	144.43 -1.75 0.00	178.95 -6.10 0.00	234.90 -8.01 0.00	273.21 -10.67 -3.04	228.19 -6.73 -3.04	159.07 -3.18 -2.97	99.39 -0.10 0.00	82.28 0.65 0.00	69.44 0.28 0.00
HOLTSVILLE_IC_1 23690	77.33 3.89 -0.01	67.38 4.70 -0.01	62.96 4.77 -0.01	55.65 4.17 -0.01	55.69 3.89 -0.01	60.70 3.87 -0.01	62.77 4.43 0.00	64.67 5.34 -0.01	67.13 5.93 -0.01	71.23 6.65 -0.01	71.46 4.67 0.00	92.28 6.48 -2.82	102.72 9.65 0.65	122.87 12.68 -0.87	171.06 15.39 -24.04	271.32 16.22 -108.91	332.91 20.36 -127.50	375.13 27.20 -105.02	331.66 30.89 -19.93	276.47 24.34 -20.25	194.30 16.72 -18.30	107.02 7.06 -0.46	84.97 3.35 0.00	65.96 3.12 6.32
HOLTSVILLE_IC_10 23699	77.99 4.55 -0.01	67.87 5.20 -0.01	63.36 5.18 -0.01	55.96 4.48 -0.01	56.00 4.19 -0.01	61.10 4.26 -0.01	63.12 4.78 0.00	65.08 5.75 -0.01	67.62 6.42 -0.01	71.80 7.23 -0.01	72.07 5.27 -0.01	93.33 7.30 -3.04	103.78 10.68 0.61	124.11 13.89 -0.89	172.71 16.99 -24.10	273.43 17.68 -109.56	335.39 22.38 -127.95	378.31 29.87 -105.53	335.07 33.97 -20.26	279.20 26.66 -20.66	196.10 18.47 -18.35	108.11 8.16 -0.46	85.71 4.08 0.00	66.59 3.66 6.24
HOLTSVILLE_IC_2 23691	77.33 3.89 -0.01	67.38 4.70 -0.01	62.96 4.77 -0.01	55.65 4.17 -0.01	55.69 3.89 -0.01	60.70 3.87 -0.01	62.77 4.43 0.00	64.67 5.34 -0.01	67.13 5.93 -0.01	71.23 6.65 -0.01	71.46 4.67 0.00	92.28 6.48 -2.82	102.72 9.65 0.65	122.87 12.68 -0.87	171.06 15.39 -24.04	271.32 16.22 -108.91	332.91 20.36 -127.50	375.13 27.20 -105.02	331.66 30.89 -19.93	276.47 24.34 -20.25	194.30 16.72 -18.30	107.02 7.06 -0.46	84.97 3.35 0.00	65.96 3.12 6.32
HOLTSVILLE_IC_3 23692	77.33 3.89 -0.01	67.38 4.70 -0.01	62.96 4.77 -0.01	55.65 4.17 -0.01	55.69 3.89 -0.01	60.70 3.87 -0.01	62.77 4.43 0.00	64.67 5.34 -0.01	67.13 5.93 -0.01	71.23 6.65 -0.01	71.46 4.67 0.00	92.28 6.48 -2.82	102.72 9.65 0.65	122.87 12.68 -0.87	171.06 15.39 -24.04	271.32 16.22 -108.91	332.91 20.36 -127.50	375.13 27.20 -105.02	331.66 30.89 -19.93	276.47 24.34 -20.25	194.30 16.72 -18.30	107.02 7.06 -0.46	84.97 3.35 0.00	65.96 3.12 6.32
HOLTSVILLE_IC_4 23693	77.33 3.89 -0.01	67.38 4.70 -0.01	62.96 4.77 -0.01	55.65 4.17 -0.01	55.69 3.89 -0.01	60.70 3.87 -0.01	62.77 4.43 0.00	64.67 5.34 -0.01	67.13 5.93 -0.01	71.23 6.65 -0.01	71.46 4.67 0.00	92.28 6.48 -2.82	102.72 9.65 0.65	122.87 12.68 -0.87	171.06 15.39 -24.04	271.32 16.22 -108.91	332.91 20.36 -127.50	375.13 27.20 -105.02	331.66 30.89 -19.93	276.47 24.34 -20.25	194.30 16.72 -18.30	107.02 7.06 -0.46	84.97 3.35 0.00	65.96 3.12 6.32
HOLTSVILLE_IC_5 23694	77.33 3.89 -0.01	67.38 4.70 -0.01	62.96 4.77 -0.01	55.65 4.17 -0.01	55.69 3.89 -0.01	60.70 3.87 -0.01	62.77 4.43 0.00	64.67 5.34 -0.01	67.13 5.93 -0.01	71.23 6.65 -0.01	71.46 4.67 0.00	92.28 6.48 -2.82	102.72 9.65 0.65	122.87 12.68 -0.87	171.06 15.39 -24.04	271.32 16.22 -108.91	332.91 20.36 -127.50	375.13 27.20 -105.02	331.66 30.89 -19.93	276.47 24.34 -20.25	194.30 16.72 -18.30	107.02 7.06 -0.46	84.97 3.35 0.00	65.96 3.12 6.32
HOLTSVILLE_IC_6 23695	77.99 4.55 -0.01	67.87 5.20 -0.01	63.36 5.18 -0.01	55.96 4.48 -0.01	56.00 4.19 -0.01	61.10 4.26 -0.01	63.12 4.78 0.00	65.08 5.75 -0.01	67.62 6.42 -0.01	71.80 7.23 -0.01	72.07 5.27 -0.01	93.33 7.30 -3.04	103.78 10.68 0.61	124.11 13.89 -0.89	172.71 16.99 -24.10	273.43 17.68 -109.56	335.39 22.38 -127.95	378.31 29.87 -105.53	335.07 33.97 -20.26	279.20 26.66 -20.66	196.10 18.47 -18.35	108.11 8.16 -0.46	85.71 4.08 0.00	66.59 3.66 6.24
HOLTSVILLE_IC_7 23696	77.99 4.55 -0.01	67.87 5.20 -0.01	63.36 5.18 -0.01	55.96 4.48 -0.01	56.00 4.19 -0.01	61.10 4.26 -0.01	63.12 4.78 0.00	65.08 5.75 -0.01	67.62 6.42 -0.01	71.80 7.23 -0.01	72.07 5.27 -0.01	93.33 7.30 -3.04	103.78 10.68 0.61	124.11 13.89 -0.89	172.71 16.99 -24.10	273.43 17.68 -109.56	335.39 22.38 -127.95	378.31 29.87 -105.53	335.07 33.97 -20.26	279.20 26.66 -20.66	196.10 18.47 -18.35	108.11 8.16 -0.46	85.71 4.08 0.00	66.59 3.66 6.24
HOLTSVILLE_IC_8 23697	77.99 4.55 -0.01	67.87 5.20 -0.01	63.36 5.18 -0.01	55.96 4.48 -0.01	56.00 4.19 -0.01	61.10 4.26 -0.01	63.12 4.78 0.00	65.08 5.75 -0.01	67.62 6.42 -0.01	71.80 7.23 -0.01	72.07 5.27 -0.01	93.33 7.30 -3.04	103.78 10.68 0.61	124.11 13.89 -0.89	172.71 16.99 -24.10	273.43 17.68 -109.56	335.39 22.38 -127.95	378.31 29.87 -105.53	335.07 33.97 -20.26	279.20 26.66 -20.66	196.10 18.47 -18.35	108.11 8.16 -0.46	85.71 4.08 0.00	66.59 3.66 6.24
HOLTSVILLE_IC_9 23698	77.99 4.55 -0.01	67.87 5.20 -0.01	63.36 5.18 -0.01	55.96 4.48 -0.01	56.00 4.19 -0.01	61.10 4.26 -0.01	63.12 4.78 0.00	65.08 5.75 -0.01	67.62 6.42 -0.01	71.80 7.23 -0.01	72.07 5.27 -0.01	93.33 7.30 -3.04	103.78 10.68 0.61	124.11 13.89 -0.89	172.71 16.99 -24.10	273.43 17.68 -109.56	335.39 22.38 -127.95	378.31 29.87 -105.53	335.07 33.97 -20.26	279.20 26.66 -20.66	196.10 18.47 -18.35	108.11 8.16 -0.46	85.71 4.08 0.00	66.59 3.66 6.24
HOMER_HL_115KV_TB2 355744	74.31 0.88 0.00	61.79 -0.88 0.00	56.72 -1.45 0.00	49.99 -1.49 0.00	50.34 -1.45 0.00	54.89 -1.93 0.00	56.94 -1.40 0.00	57.72 -1.60 0.00	60.64 -0.55 0.00	64.31 -0.26 0.00	67.12 0.33 0.00	83.74 0.75 0.00	95.31 1.59 0.00	109.11 -0.22 0.00	132.42 0.79 0.00	145.30 -0.88 0.00	180.61 -4.44 0.00	236.10 -6.80 0.00	277.05 -7.02 -3.24	231.87 -3.25 -3.24	160.69 -1.75 -3.16	98.99 -0.50 0.00	82.03 0.41 0.00	69.02 -0.14 0.00
HOWARD_WT_PWR 323690	76.96 3.52 0.00	64.11 1.44 0.00	58.99 0.81 0.00	52.45 0.98 0.00	52.26 0.47 0.00	57.11 0.29 0.00	59.16 0.82 0.00	59.74 0.42 0.00	62.23 1.04 0.00	65.66 1.10 0.00	68.32 1.54 0.00	85.23 2.24 0.00	96.44 2.72 0.00	111.07 1.74 0.00	134.26 2.63 0.00	147.79 1.61 0.00	184.50 -0.55 0.00	242.42 -0.48 0.00	284.46 0.00 -3.63	238.30 2.79 -3.63	166.17 3.35 -3.54	103.19 3.58 -0.12	84.81 3.18 0.00	71.37 2.21 0.00
HQ_GEN_CEDARS 23644	74.31 0.88 0.00	63.29 0.63 0.00	58.41 0.23 0.00	51.48 0.00 0.00	52.11 0.31 0.00	57.62 0.80 0.00	58.57 0.23 0.00	59.32 0.00 0.00	60.82 -0.37 0.00	64.05 -0.52 0.00	66.05 -0.73 0.00	81.66 -1.33 0.00	90.34 -3.37 0.00	103.10 -6.23 0.00	123.60 -8.03 0.00	137.12 -9.06 0.00	174.32 -10.73 0.00	229.30 -13.60 0.00	265.11 -15.73 0.00	219.36 -12.52 0.00	150.68 -8.60 0.00	95.31 -4.18 0.00	81.14 -0.49 0.00	69.78 0.62 0.00
HQ_GEN_CEDARS_PROXY 323590	74.97 0.88 -0.66	62.64 0.63 0.66	58.41 0.23 0.00	51.48 0.00 0.00	52.11 0.31 0.00	57.62 0.80 0.00	58.31 0.18 0.21	59.53 0.00 -0.21	60.83 -0.36 0.00	64.05 -0.52 0.00	66.05 -0.73 0.00	81.66 -1.33 0.00	91.09 -2.62 0.00	103.10 -6.23 0.00	123.59 -8.03 0.00	137.12 -9.06 0.00	174.32 -10.74 0.00	229.31 -13.60 0.00	265.39 -15.45 0.00	219.59 -12.30 0.00	150.83 -8.45 0.00	95.31 -4.17 0.00	81.14 -0.49 0.00	69.78 0.62 0.00

HQ_GEN_IMPORT 323601	74.23 0.15 -0.66	62.01 0.00 0.66	57.89 -0.29 0.00	51.07 -0.41 0.00	51.64 -0.15 0.00	76.57 0.00 -19.75	37.92 -0.47 19.95	59.00 -0.53 -0.21	60.52 -0.67 0.00	63.79 -0.77 0.00	65.92 -0.87 0.00	82.98 -1.16 -1.15	90.41 -2.15 1.15	106.05 -3.28 0.00	127.41 -4.22 0.00	141.50 -4.68 0.00	179.51 -5.55 0.00	235.85 -7.05 0.00	272.42 -8.42 0.00	225.15 -6.73 0.00	154.66 -4.62 0.00	90.41 -2.48 6.59	87.32 -0.90 -6.59	69.09 -0.07 0.00
HQ_GEN_WHEEL 23651	74.23 0.15 -0.66	62.01 0.00 0.66	57.89 -0.29 0.00	51.07 -0.41 0.00	51.64 -0.15 0.00	76.57 0.00 -19.75	37.92 -0.47 19.95	59.00 -0.53 -0.21	60.52 -0.67 0.00	63.79 -0.77 0.00	65.92 -0.87 0.00	82.98 -1.16 -1.15	90.41 -2.15 1.15	106.05 -3.28 0.00	127.41 -4.22 0.00	141.50 -4.68 0.00	179.51 -5.55 0.00	235.85 -7.05 0.00	272.42 -8.42 0.00	225.15 -6.73 0.00	154.66 -4.62 0.00	90.41 -2.48 6.59	87.32 -0.90 -6.59	69.09 -0.07 0.00
HUDSON AVE_GT_3 23810	75.56 2.13 0.00	65.74 3.07 0.00	61.67 3.49 0.00	54.93 3.45 0.00	54.75 2.95 0.00	59.72 2.90 0.00	62.02 3.68 0.00	63.54 4.21 0.00	65.78 4.59 0.00	69.67 5.10 0.00	72.13 5.34 0.00	89.55 6.56 0.00	103.56 9.84 0.00	124.21 12.57 -2.31	170.17 15.27 -23.27	275.23 17.40 -111.65	335.76 22.21 -128.50	382.58 28.91 -110.77	339.40 32.58 -25.98	283.02 25.51 -25.63	199.37 17.20 -22.88	108.21 8.26 -0.47	86.36 4.73 0.00	72.27 3.11 0.00
HUDSON AVE_GT_4 23540	75.56 2.13 0.00	65.74 3.07 0.00	61.67 3.49 0.00	54.93 3.45 0.00	54.75 2.95 0.00	59.72 2.90 0.00	62.02 3.68 0.00	63.54 4.21 0.00	65.78 4.59 0.00	69.67 5.10 0.00	72.13 5.34 0.00	89.55 6.56 0.00	103.56 9.84 0.00	124.21 12.57 -2.31	170.17 15.27 -23.27	275.23 17.40 -111.65	335.76 22.21 -128.50	382.58 28.91 -110.77	339.40 32.58 -25.98	283.02 25.51 -25.63	199.37 17.20 -22.88	108.21 8.26 -0.47	86.36 4.73 0.00	72.27 3.11 0.00
HUDSON AVE_GT_5 23657	75.56 2.13 0.00	65.74 3.07 0.00	61.67 3.49 0.00	54.93 3.45 0.00	54.75 2.95 0.00	59.72 2.90 0.00	62.02 3.68 0.00	63.54 4.21 0.00	65.78 4.59 0.00	69.67 5.10 0.00	72.13 5.34 0.00	89.55 6.56 0.00	103.56 9.84 0.00	124.21 12.57 -2.31	170.17 15.27 -23.27	275.23 17.40 -111.65	335.76 22.21 -128.50	382.58 28.91 -110.77	339.40 32.58 -25.98	283.02 25.51 -25.63	199.37 17.20 -22.88	108.21 8.26 -0.47	86.36 4.73 0.00	72.27 3.11 0.00
HUDSON_AVE_10 24168	75.41 1.98 0.00	65.55 2.88 0.00	61.49 3.32 0.00	54.77 3.29 0.00	54.64 2.85 0.00	59.55 2.73 0.00	61.96 3.62 0.00	63.48 4.15 0.00	65.72 4.53 0.00	69.54 4.97 0.00	71.93 5.14 0.00	89.30 6.31 0.00	103.79 9.56 -0.52	124.71 12.24 -3.14	169.77 14.87 -23.27	280.64 17.10 -117.36	338.92 21.65 -132.22	388.61 28.42 -117.29	343.96 32.02 -31.11	287.87 25.04 -30.94	201.67 16.88 -25.51	108.01 8.06 -0.47	86.28 4.65 0.00	72.13 2.97 0.00
HUDSON___115KV_TB 4 355613	75.12 1.69 0.00	64.48 1.82 0.00	60.15 1.98 0.00	53.49 2.01 0.00	53.56 1.76 0.00	58.41 1.59 0.00	60.38 2.04 0.00	61.10 1.78 0.00	62.54 1.35 0.00	65.60 1.03 0.00	67.59 0.80 0.00	84.19 1.33 0.13	93.24 2.44 2.91	111.56 3.72 1.48	129.09 4.61 7.15	100.24 6.14 52.08	122.85 9.07 71.27	159.55 12.63 95.99	176.74 15.17 119.27	138.85 12.52 105.55	111.91 8.76 56.13	102.82 4.97 1.64	84.16 2.53 0.00	70.54 1.38 0.00
HUNTER MOUNT___DRP 323613	75.49 2.06 0.00	64.80 2.13 0.00	60.39 2.21 0.00	53.64 2.16 0.00	53.71 1.92 0.00	58.59 1.76 0.00	60.56 2.22 0.00	61.28 1.96 0.00	62.60 1.41 0.00	65.60 1.03 0.00	67.59 0.80 0.00	84.46 1.66 0.19	92.39 2.91 4.23	111.31 4.26 2.28	126.33 5.27 10.56	112.05 7.16 41.29	134.72 10.36 60.70	168.63 14.57 88.85	191.12 17.41 107.13	156.49 14.84 90.23	131.04 10.19 38.43	101.81 5.97 3.65	84.65 3.02 0.00	70.96 1.80 0.00
HUNTINGTON_RES_REC 323705	77.04 3.60 -0.01	67.25 4.57 -0.01	62.78 4.59 -0.01	55.55 4.07 -0.01	55.58 3.78 -0.01	60.64 3.81 -0.01	62.72 4.38 0.00	64.55 5.22 -0.01	67.07 5.88 -0.01	71.09 6.52 -0.01	71.46 4.67 0.00	92.42 6.39 -3.04	102.84 9.75 0.62	123.08 12.79 -0.97	171.59 15.79 -24.17	273.28 17.53 -109.57	335.06 22.01 -128.00	377.86 29.38 -105.58	334.53 33.40 -20.29	278.74 26.20 -20.66	194.68 17.05 -18.35	107.12 7.17 -0.46	85.13 3.51 0.01	65.98 3.04 6.22
HUNTLEY___63 23557	75.71 2.28 0.00	62.29 -0.38 0.00	57.59 -0.58 0.00	50.60 -0.88 0.00	51.02 -0.78 0.00	55.35 -1.48 0.00	57.06 -1.28 0.00	57.25 -2.08 0.00	60.46 -0.73 0.00	63.98 -0.58 0.00	66.79 0.00 0.00	82.91 -0.08 0.00	93.90 0.19 0.00	106.81 -2.51 0.00	129.78 -1.84 0.00	142.38 -3.80 0.00	175.80 -9.25 0.00	229.30 -13.60 0.00	268.29 -15.17 -2.62	224.77 -9.74 -2.62	155.63 -6.21 -2.56	96.80 -2.69 0.00	80.89 -0.73 0.00	68.75 -0.41 0.00
HUNTLEY___64 23558	75.71 2.28 0.00	62.29 -0.38 0.00	57.59 -0.58 0.00	50.60 -0.88 0.00	51.02 -0.78 0.00	55.35 -1.48 0.00	57.06 -1.28 0.00	57.25 -2.08 0.00	60.46 -0.73 0.00	63.98 -0.58 0.00	66.79 0.00 0.00	82.91 -0.08 0.00	93.90 0.19 0.00	106.81 -2.51 0.00	129.78 -1.84 0.00	142.38 -3.80 0.00	175.80 -9.25 0.00	229.30 -13.60 0.00	268.29 -15.17 -2.62	224.77 -9.74 -2.62	155.63 -6.21 -2.56	96.80 -2.69 0.00	80.89 -0.73 0.00	68.75 -0.41 0.00
HUNTLEY___65 23559	75.71 2.28 0.00	62.29 -0.38 0.00	57.59 -0.58 0.00	50.60 -0.88 0.00	51.02 -0.78 0.00	55.35 -1.48 0.00	57.06 -1.28 0.00	57.25 -2.08 0.00	60.46 -0.73 0.00	63.98 -0.58 0.00	66.79 0.00 0.00	82.91 -0.08 0.00	93.90 0.19 0.00	106.81 -2.51 0.00	129.78 -1.84 0.00	142.38 -3.80 0.00	175.80 -9.25 0.00	229.30 -13.60 0.00	268.29 -15.17 -2.62	224.77 -9.74 -2.62	155.63 -6.21 -2.56	96.80 -2.69 0.00	80.89 -0.73 0.00	68.75 -0.41 0.00
HUNTLEY___66 23560	75.71 2.28 0.00	62.29 -0.38 0.00	57.59 -0.58 0.00	50.60 -0.88 0.00	51.02 -0.78 0.00	55.35 -1.48 0.00	57.06 -1.28 0.00	57.25 -2.08 0.00	60.46 -0.73 0.00	63.98 -0.58 0.00	66.79 0.00 0.00	82.91 -0.08 0.00	93.90 0.19 0.00	106.81 -2.51 0.00	129.78 -1.84 0.00	142.38 -3.80 0.00	175.80 -9.25 0.00	229.30 -13.60 0.00	268.29 -15.17 -2.62	224.77 -9.74 -2.62	155.63 -6.21 -2.56	96.80 -2.69 0.00	80.89 -0.73 0.00	68.75 -0.41 0.00
HUNTLEY___67 23561	75.19 1.76 0.00	62.10 -0.56 0.00	57.07 -1.11 0.00	50.14 -1.34 0.00	50.55 -1.24 0.00	55.01 -1.82 0.00	56.71 -1.63 0.00	57.25 -2.08 0.00	60.40 -0.80 0.00	63.98 -0.58 0.00	66.72 -0.07 0.00	83.07 0.08 0.00	94.00 0.28 0.00	107.03 -2.30 0.00	130.05 -1.58 0.00	142.53 -3.65 0.00	175.99 -9.07 0.00	229.79 -13.12 0.00	268.92 -14.60 -2.68	225.29 -9.28 -2.68	156.33 -5.57 -2.62	97.00 -2.49 0.00	81.05 -0.57 0.00	68.68 -0.48 0.00
HUNTLEY___68 23562	75.19 1.76 0.00	62.10 -0.56 0.00	57.07 -1.11 0.00	50.14 -1.34 0.00	50.55 -1.24 0.00	55.01 -1.82 0.00	56.71 -1.63 0.00	57.25 -2.08 0.00	60.40 -0.80 0.00	63.98 -0.58 0.00	66.72 -0.07 0.00	83.07 0.08 0.00	94.00 0.28 0.00	107.03 -2.30 0.00	130.05 -1.58 0.00	142.53 -3.65 0.00	175.99 -9.07 0.00	229.79 -13.12 0.00	268.92 -14.60 -2.68	225.29 -9.28 -2.68	156.33 -5.57 -2.62	97.00 -2.49 0.00	81.05 -0.57 0.00	68.68 -0.48 0.00

HYLAND___LFGE 323620	77.54 4.11 0.00	64.17 1.50 0.00	59.05 0.87 0.00	52.51 1.03 0.00	52.42 0.62 0.00	57.28 0.45 0.00	59.27 0.93 0.00	59.21 -0.12 0.00	60.70 -0.49 0.00	63.34 -1.23 0.00	65.52 -1.27 0.00	81.83 -1.16 0.00	87.53 -6.19 0.00	100.91 -8.42 0.00	122.28 -9.34 0.00	135.65 -10.53 0.00	170.43 -14.62 0.00	227.61 -15.30 0.00	270.57 -13.19 -2.93	229.02 -5.79 -2.93	159.76 -2.38 -2.86	99.69 0.20 0.00	81.63 0.00 0.00	71.86 2.69 0.00
INDECK___CORINTH 23802	76.29 2.86 0.00	65.36 2.69 0.00	60.85 2.68 0.00	53.80 2.32 0.00	54.02 2.23 0.00	59.15 2.33 0.00	61.26 2.92 0.00	62.29 2.96 0.00	64.07 2.88 0.00	67.08 2.52 0.00	68.73 1.94 0.00	85.56 2.58 0.00	97.28 3.56 0.00	114.23 4.80 -0.10	137.35 5.93 0.21	168.38 8.18 -14.02	211.71 11.10 -15.55	275.07 14.57 -17.60	405.49 19.36 -105.29	352.51 16.71 -103.92	264.58 12.10 -93.20	111.97 7.66 -4.82	86.36 4.73 0.00	72.13 2.97 0.00
INDECK___ILION 23567	73.87 0.44 0.00	63.10 0.44 0.00	58.64 0.47 0.00	51.94 0.46 0.00	52.16 0.36 0.00	57.22 0.40 0.00	58.92 0.58 0.00	59.92 0.59 0.00	61.80 0.61 0.00	65.21 0.65 0.00	67.45 0.67 0.00	83.90 0.91 0.00	95.12 1.41 0.00	111.08 1.75 0.00	133.73 2.11 0.00	148.52 2.34 0.00	187.83 2.78 0.00	246.79 3.89 0.00	285.33 4.49 0.00	235.83 3.94 0.00	161.83 2.55 0.00	100.98 1.49 0.00	82.36 0.73 0.00	69.58 0.41 0.00
INDECK___OLEAN 23982	74.32 0.88 0.00	61.79 -0.88 0.00	56.72 -1.45 0.00	50.55 -0.93 0.00	50.34 -1.45 0.00	54.89 -1.93 0.00	57.00 -1.34 0.00	57.72 -1.60 0.00	60.64 -0.55 0.00	64.31 -0.26 0.00	67.12 0.34 0.00	83.73 0.75 0.00	95.21 1.49 0.00	109.44 0.11 0.00	132.55 0.93 0.00	145.74 -0.44 0.00	180.98 -4.07 0.00	237.33 -5.58 0.00	276.51 -7.57 -3.24	230.48 -4.64 -3.24	160.06 -2.38 -3.16	99.49 0.00 0.00	82.04 0.41 0.00	69.02 -0.14 0.00
INDECK___OSWEGO 23783	71.60 -1.83 0.00	60.85 -1.82 0.00	56.49 -1.69 0.00	49.98 -1.49 0.00	50.19 -1.61 0.00	54.95 -1.87 0.00	56.71 -1.63 0.00	57.66 -1.66 0.00	59.66 -1.53 0.00	62.95 -1.61 0.00	65.25 -1.53 0.00	81.16 -1.83 0.00	91.93 -1.78 0.00	107.14 -2.19 0.00	129.26 -2.37 0.00	143.26 -2.92 0.00	180.98 -4.07 0.00	237.56 -5.35 0.00	274.93 -5.91 0.00	227.47 -4.41 0.00	156.25 -3.03 0.00	97.89 -1.60 0.00	79.99 -1.63 0.00	67.36 -1.80 0.00
INDECK___YERKES 23781	75.71 2.28 0.00	62.29 -0.37 0.00	57.71 -0.47 0.00	51.53 0.05 0.00	51.07 -0.73 0.00	55.41 -1.42 0.00	57.23 -1.11 0.00	57.25 -2.08 0.00	60.46 -0.73 0.00	63.98 -0.58 0.00	66.79 0.00 0.00	82.91 -0.08 0.00	93.90 0.19 0.00	107.25 -2.08 0.00	129.78 -1.84 0.00	142.96 -3.22 0.00	176.17 -8.88 0.00	231.25 -11.66 0.00	267.16 -16.30 -2.62	222.44 -12.07 -2.62	154.84 -7.00 -2.56	97.50 -1.99 0.00	81.22 -0.41 0.00	68.75 -0.41 0.00
INDIAN POINT_GT_1 24139	75.12 1.69 0.00	65.05 2.38 0.00	60.91 2.73 0.00	54.16 2.68 0.00	54.07 2.28 0.00	59.04 2.22 0.00	61.26 2.92 0.00	62.71 3.38 0.00	64.80 3.61 0.00	68.70 4.13 0.00	71.06 4.27 0.00	88.30 5.31 0.00	101.78 8.06 0.00	121.65 10.50 -1.83	163.32 12.90 -18.80	252.00 14.76 -91.05	309.41 19.06 -105.29	359.15 24.78 -91.47	334.28 27.80 -25.64	278.74 21.57 -25.29	196.38 14.49 -22.60	107.01 7.06 -0.46	85.54 3.92 0.00	71.58 2.42 0.00
INDIAN POINT_GT_2 23659	75.12 1.69 0.00	65.05 2.38 0.00	60.91 2.73 0.00	54.16 2.68 0.00	54.07 2.28 0.00	59.04 2.22 0.00	61.26 2.92 0.00	62.71 3.38 0.00	64.80 3.61 0.00	68.70 4.13 0.00	71.06 4.27 0.00	88.30 5.31 0.00	101.78 8.06 0.00	121.65 10.50 -1.83	163.32 12.90 -18.80	252.00 14.76 -91.05	309.41 19.06 -105.29	359.15 24.78 -91.47	334.28 27.80 -25.64	278.74 21.57 -25.29	196.38 14.49 -22.60	107.01 7.06 -0.46	85.54 3.92 0.00	71.58 2.42 0.00
INDIAN POINT_GT_3 24019	75.12 1.69 0.00	65.05 2.38 0.00	60.91 2.73 0.00	54.16 2.68 0.00	54.07 2.28 0.00	59.04 2.22 0.00	61.26 2.92 0.00	62.71 3.38 0.00	64.80 3.61 0.00	68.70 4.13 0.00	71.06 4.27 0.00	88.30 5.31 0.00	101.78 8.06 0.00	121.65 10.50 -1.83	163.32 12.90 -18.80	252.00 14.76 -91.05	309.41 19.06 -105.29	359.15 24.78 -91.47	334.28 27.80 -25.64	278.74 21.57 -25.29	196.38 14.49 -22.60	107.01 7.06 -0.46	85.54 3.92 0.00	71.58 2.42 0.00
INDIAN POINT___2 23530	74.98 1.54 0.00	64.99 2.32 0.00	60.85 2.68 0.00	53.90 2.42 0.00	54.02 2.23 0.00	58.93 2.10 0.00	61.20 2.86 0.00	62.64 3.32 0.00	64.80 3.61 0.00	68.57 4.00 0.00	71.00 4.21 0.00	88.31 5.32 0.00	101.30 7.59 0.00	119.84 10.27 -0.24	155.31 12.76 -10.92	219.18 14.48 -58.53	281.56 18.50 -78.01	345.05 24.05 -78.09	333.42 27.54 -25.05	278.17 21.57 -24.71	195.74 14.34 -22.12	106.61 6.67 -0.45	85.46 3.84 0.00	71.44 2.28 0.00
INDIAN POINT___3 23531	74.97 1.54 0.00	64.92 2.26 0.00	60.79 2.62 0.00	54.05 2.57 0.00	53.97 2.18 0.00	58.93 2.10 0.00	61.14 2.80 0.00	62.59 3.26 0.00	64.68 3.49 0.00	68.50 3.94 0.00	70.86 4.07 0.00	88.05 5.06 0.00	101.49 7.78 0.00	123.22 10.17 -3.73	170.96 12.50 -26.83	283.23 14.33 -122.72	331.33 18.32 -127.96	364.01 23.80 -97.30	333.47 26.96 -25.67	278.07 20.87 -25.32	195.92 14.02 -22.62	106.71 6.77 -0.46	85.30 3.67 0.00	71.44 2.28 0.00
INGHAM_C_115KV_TB7 356103	73.87 0.44 0.00	63.10 0.44 0.00	58.64 0.47 0.00	51.89 0.41 0.00	52.16 0.36 0.00	57.22 0.40 0.00	58.98 0.64 0.00	59.98 0.65 0.00	61.80 0.61 0.00	65.21 0.65 0.00	67.45 0.67 0.00	83.90 0.91 0.00	95.03 1.31 0.00	111.08 1.75 0.00	133.60 1.97 0.00	148.37 2.19 0.00	187.46 2.41 0.00	246.31 3.40 0.00	285.05 4.21 0.00	235.59 3.71 0.00	161.67 2.39 0.00	100.98 1.49 0.00	82.36 0.73 0.00	69.58 0.41 0.00
IP CORINTH___1 23988	76.74 3.30 0.00	65.74 3.07 0.00	61.20 3.03 0.00	54.16 2.68 0.00	54.28 2.49 0.00	59.49 2.67 0.00	61.61 3.27 0.00	62.65 3.32 0.00	64.43 3.24 0.00	67.41 2.84 0.00	69.12 2.34 0.00	86.06 3.07 0.00	98.03 4.31 0.00	114.89 5.47 -0.10	138.13 6.71 0.21	169.26 9.06 -14.02	212.82 12.21 -15.55	276.78 16.27 -17.60	407.19 21.06 -105.29	353.66 17.86 -103.92	265.38 12.90 -93.20	112.56 8.26 -4.82	86.85 5.22 0.00	72.55 3.39 0.00
IP___TICONDEROGA 23804	81.07 7.64 0.00	69.25 6.58 0.00	64.34 6.17 0.00	56.83 5.35 0.00	56.97 5.18 0.00	62.51 5.68 0.00	64.82 6.48 0.00	65.61 6.29 0.00	67.37 6.18 0.00	70.18 5.62 0.00	72.20 5.41 0.00	89.96 6.97 0.00	102.53 8.81 0.00	120.03 10.60 -0.10	144.45 13.03 0.21	177.42 16.52 -14.72	223.46 22.02 -16.39	291.10 29.63 -18.56	423.90 36.51 -106.55	369.00 32.00 -105.12	276.20 22.94 -93.99	119.38 15.12 -4.77	91.99 10.37 0.00	76.56 7.40 0.00
ISLIP_RES_REC 323679	78.58 5.14 -0.01	68.32 5.64 -0.01	63.77 5.59 -0.01	56.32 4.84 -0.01	56.36 4.56 -0.01	61.43 4.60 -0.01	63.53 5.19 0.00	65.56 6.23 -0.01	68.11 6.91 -0.01	72.38 7.81 -0.01	72.81 6.01 -0.01	94.48 8.30 -3.19	104.93 11.81 0.59	125.54 15.30 -0.90	174.45 18.68 -24.14	275.93 19.73 -110.03	338.13 24.81 -128.27	381.83 33.03 -105.89	339.23 37.90 -20.49	282.29 29.45 -20.95	197.90 20.23 -18.39	109.10 9.15 -0.46	86.44 4.81 0.00	67.27 4.29 6.18

KIAC_JFK_GT1 23816	75.27 1.84 0.00	65.80 3.13 0.00	61.61 3.43 0.00	54.88 3.40 0.00	54.69 2.90 0.00	59.67 2.84 0.00	62.19 3.85 0.00	63.77 4.45 0.00	66.09 4.90 0.00	69.67 5.10 0.00	71.73 4.94 0.00	89.21 6.22 0.00	103.93 9.56 -0.65	124.82 12.14 -3.36	169.77 14.87 -23.27	282.13 17.10 -118.84	340.07 21.84 -133.18	390.55 28.66 -118.98	346.13 32.86 -32.44	289.72 25.51 -32.33	202.99 17.52 -26.19	108.11 8.16 -0.47	86.52 4.90 0.00	72.20 3.04 0.00
KIAC_JFK_GT2 23817	75.27 1.84 0.00	65.80 3.13 0.00	61.61 3.43 0.00	54.88 3.40 0.00	54.69 2.90 0.00	59.67 2.84 0.00	62.19 3.85 0.00	63.77 4.45 0.00	66.09 4.90 0.00	69.67 5.10 0.00	71.73 4.94 0.00	89.21 6.22 0.00	103.93 9.56 -0.65	124.82 12.14 -3.36	169.77 14.87 -23.27	282.13 17.10 -118.84	340.07 21.84 -133.18	390.55 28.66 -118.98	346.13 32.86 -32.44	289.72 25.51 -32.33	202.99 17.52 -26.19	108.11 8.16 -0.47	86.52 4.90 0.00	72.20 3.04 0.00
KIAC_JFK____ 323774	75.27 1.84 0.00	65.80 3.13 0.00	61.61 3.43 0.00	54.62 3.14 0.00	54.69 2.90 0.00	59.66 2.84 0.00	62.19 3.85 0.00	63.78 4.45 0.00	66.15 4.95 0.00	69.67 5.10 0.00	72.19 5.41 0.00	89.38 6.39 0.00	103.56 9.19 -0.65	124.82 12.13 -3.36	169.77 14.87 -23.27	282.12 17.09 -118.84	340.06 21.83 -133.18	390.53 28.65 -118.98	346.40 33.12 -32.44	290.64 26.43 -32.33	203.31 17.84 -26.19	107.92 7.96 -0.47	86.61 4.98 0.00	72.06 2.90 0.00
KINTIGH__24_KV_GSU 356498	74.60 1.17 0.00	61.79 -0.88 0.00	56.90 -1.28 0.00	50.71 -0.77 0.00	50.40 -1.40 0.00	54.89 -1.93 0.00	56.71 -1.63 0.00	57.31 -2.02 0.00	60.28 -0.92 0.00	63.79 -0.77 0.00	66.52 -0.27 0.00	82.74 -0.25 0.00	93.53 -0.19 0.00	107.25 -2.08 0.00	129.78 -1.84 0.00	142.96 -3.22 0.00	176.92 -8.14 0.00	232.22 -10.68 0.00	268.48 -14.62 -2.26	223.25 -10.89 -2.26	155.44 -6.05 -2.21	97.50 -1.99 0.00	80.81 -0.82 0.00	68.33 -0.83 0.00
KINTIGH____ 23543	74.61 1.17 0.00	61.79 -0.88 0.00	56.90 -1.28 0.00	50.04 -1.44 0.00	50.40 -1.40 0.00	54.89 -1.93 0.00	56.59 -1.75 0.00	57.31 -2.02 0.00	60.27 -0.92 0.00	63.79 -0.77 0.00	66.52 -0.27 0.00	82.74 -0.25 0.00	93.53 -0.19 0.00	106.81 -2.51 0.00	129.65 -1.97 0.00	142.53 -3.65 0.00	176.54 -8.51 0.00	230.52 -12.39 0.00	269.34 -13.76 -2.26	225.33 -8.81 -2.26	156.07 -5.42 -2.21	96.90 -2.59 0.00	80.73 -0.90 0.00	68.33 -0.83 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	74.46 1.03 0.00	63.29 0.63 0.00	58.41 0.23 0.00	51.84 0.36 0.00	52.47 0.67 0.00	57.45 0.63 0.00	58.57 0.23 0.00	59.26 -0.06 0.00	60.95 -0.24 0.00	64.24 -0.32 0.00	66.19 -0.60 0.00	82.08 -0.91 0.00	90.62 -3.09 0.00	104.95 -4.37 0.00	125.70 -5.92 0.00	139.46 -6.72 0.00	177.47 -7.59 0.00	234.16 -8.74 0.00	270.73 -10.11 0.00	223.77 -8.12 0.00	153.86 -5.42 0.00	97.10 -2.39 0.00	81.46 -0.16 0.00	69.85 0.69 0.00
LACHUTE____HYDRO 323717	81.07 7.64 0.00	69.24 6.58 0.00	64.34 6.16 0.00	56.83 5.35 0.00	56.97 5.18 0.00	62.51 5.68 0.00	64.81 6.48 0.00	65.61 6.29 0.00	67.37 6.18 0.00	70.18 5.61 0.00	72.19 5.41 0.00	89.87 6.88 0.00	102.33 8.62 0.00	119.92 10.50 -0.10	144.32 12.91 0.21	177.41 16.51 -14.72	223.45 22.01 -16.39	290.84 29.38 -18.56	423.89 36.49 -106.55	369.01 32.01 -105.12	276.21 22.94 -93.99	119.38 15.12 -4.77	91.99 10.37 0.00	76.56 7.40 0.00
LAWRNCV_115KV_TB1 80681	74.39 0.95 0.00	63.29 0.63 0.00	58.35 0.17 0.00	51.43 -0.05 0.00	52.05 0.26 0.00	57.56 0.74 0.00	58.51 0.18 0.00	59.15 -0.18 0.00	60.34 -0.86 0.00	63.40 -1.16 0.00	65.32 -1.47 0.00	80.75 -2.24 0.00	89.31 -4.40 0.00	101.56 -7.76 0.00	121.62 -10.00 0.00	134.92 -11.26 0.00	171.54 -13.51 0.00	225.90 -17.00 0.00	261.74 -19.10 0.00	217.04 -14.84 0.00	149.09 -10.19 0.00	94.91 -4.58 0.00	81.05 -0.57 0.00	69.85 0.69 0.00
LEDERLE____ 23769	75.34 1.91 0.00	65.17 2.51 0.00	60.97 2.79 0.00	54.21 2.73 0.00	54.13 2.33 0.00	59.10 2.27 0.00	61.37 3.03 0.00	62.82 3.50 0.00	64.92 3.73 0.00	68.83 4.26 0.00	71.26 4.47 0.00	88.63 5.64 0.00	102.15 8.43 0.00	118.59 10.93 1.67	146.33 13.56 -1.14	179.59 15.50 -17.91	248.11 19.99 -43.07	328.48 25.75 -59.83	334.40 28.93 -24.63	278.69 22.49 -24.31	196.03 14.97 -21.78	107.30 7.36 -0.45	85.87 4.24 0.00	71.79 2.63 0.00
LIGHTHSE_115KV_TB6 355974	73.87 0.44 0.00	62.67 0.00 0.00	58.06 -0.12 0.00	51.32 -0.15 0.00	51.54 -0.26 0.00	56.60 -0.23 0.00	58.46 0.12 0.00	59.38 0.06 0.00	61.38 0.18 0.00	64.70 0.13 0.00	66.99 0.20 0.00	83.24 0.25 0.00	94.28 0.56 0.00	109.22 -0.11 0.00	131.63 0.00 0.00	145.74 -0.44 0.00	183.76 -1.30 0.00	241.69 -1.21 0.00	280.56 -0.28 0.00	233.28 1.39 0.00	160.24 0.96 0.00	100.98 1.49 0.00	82.69 1.06 0.00	69.64 0.48 0.00
LINDEN COGEN____ 23786	57.00 1.39 17.82	56.24 2.38 8.81	54.84 2.91 6.24	54.20 2.73 0.01	54.32 2.54 0.01	54.75 2.39 4.46	54.69 3.15 6.80	54.91 3.62 8.03	56.53 4.04 8.70	58.53 4.39 10.43	60.52 4.67 10.94	82.87 5.81 5.93	97.76 8.53 4.48	117.07 11.26 3.52	158.74 13.82 -13.30	238.62 15.65 -76.79	316.24 19.99 -111.19	379.67 26.00 -110.76	336.56 29.75 -25.97	281.16 23.66 -25.61	197.77 15.62 -22.87	101.39 6.96 5.06	72.66 3.92 12.88	62.66 2.28 8.78
LINDHRST_69_KV_BK1 356055	78.13 4.70 0.00	67.99 5.33 0.00	63.53 5.35 0.00	56.42 4.94 0.00	56.25 4.45 0.00	61.37 4.55 0.00	63.42 5.08 0.00	65.26 5.93 0.00	67.74 6.55 0.00	71.86 7.30 0.00	72.60 5.81 -0.01	97.21 7.72 -6.51	105.12 11.53 0.13	125.03 14.54 -1.16	174.32 17.77 -24.92	285.94 19.73 -120.03	345.47 25.17 -135.25	390.24 33.52 -113.82	344.41 37.91 -25.66	289.16 29.91 -27.37	198.31 19.75 -19.28	109.10 9.15 -0.46	87.59 5.96 -0.01	67.11 2.90 4.96
LIPA_MISC_IPP 23656	77.40 3.97 0.00	67.43 4.76 0.00	62.95 4.77 0.00	55.85 4.38 0.00	55.58 3.78 0.00	60.63 3.81 0.00	62.66 4.32 0.00	64.54 5.22 0.00	67.13 5.94 0.00	71.28 6.71 0.00	71.60 4.81 0.00	92.64 6.81 -2.85	103.57 10.50 0.64	123.64 13.45 -0.86	172.00 16.32 -24.05	271.42 16.23 -109.01	332.98 20.36 -127.57	375.70 27.69 -105.10	331.71 30.89 -19.98	275.84 23.65 -20.31	194.94 17.36 -18.30	107.51 7.56 -0.46	85.87 4.24 0.00	64.45 1.59 6.30
LISF____SOLAR 323691	77.70 4.26 -0.01	67.62 4.95 -0.01	63.13 4.94 -0.01	55.76 4.27 -0.01	55.74 3.93 -0.01	60.81 3.98 -0.01	62.83 4.49 0.00	64.79 5.45 -0.01	67.26 6.06 -0.01	71.49 6.91 -0.01	71.80 5.01 0.00	93.02 7.14 -2.89	103.48 10.40 0.64	123.87 13.66 -0.88	172.40 16.72 -24.06	272.55 17.24 -109.13	334.35 21.64 -127.65	377.23 29.14 -105.19	334.28 33.40 -20.04	278.46 26.20 -20.38	195.90 18.31 -18.31	107.81 7.86 -0.46	85.38 3.76 0.00	66.26 3.39 6.29
LITTLE FALLS____HYD 24013	73.87 0.44 0.00	63.10 0.44 0.00	58.64 0.47 0.00	51.89 0.41 0.00	52.16 0.36 0.00	57.22 0.40 0.00	58.98 0.64 0.00	59.98 0.65 0.00	61.80 0.61 0.00	65.21 0.65 0.00	67.45 0.67 0.00	83.90 0.91 0.00	95.03 1.31 0.00	111.08 1.75 0.00	133.60 1.97 0.00	148.37 2.19 0.00	187.46 2.41 0.00	246.31 3.40 0.00	285.05 4.21 0.00	235.59 3.71 0.00	161.67 2.39 0.00	100.98 1.49 0.00	82.36 0.73 0.00	69.58 0.41 0.00

LITTLRIV_115KV_TB1 356100	75.56 2.13 0.00	64.30 1.63 0.00	59.17 0.99 0.00	52.15 0.67 0.00	52.78 0.98 0.00	58.41 1.59 0.00	59.45 1.11 0.00	59.86 0.53 0.00	60.95 -0.24 0.00	63.98 -0.58 0.00	65.79 -1.00 0.00	81.33 -1.66 0.00	89.78 -3.94 0.00	102.22 -7.11 0.00	122.41 -9.21 0.00	135.80 -10.38 0.00	172.65 -12.40 0.00	228.09 -14.82 0.00	265.11 -15.73 0.00	220.75 -11.13 0.00	151.79 -7.49 0.00	96.70 -2.79 0.00	82.36 0.73 0.00	70.96 1.80 0.00
LI_NEWBRDGE___DRP 323616	76.44 3.01 0.00	66.43 3.76 0.00	62.13 3.96 0.00	55.24 3.76 0.00	55.16 3.37 0.00	60.18 3.35 0.00	62.25 3.91 0.00	63.95 4.63 0.00	66.27 5.08 0.00	70.12 5.55 0.00	71.26 4.47 0.00	89.73 6.06 -0.68	102.13 9.47 1.05	121.75 11.92 -0.50	169.75 14.61 -23.51	264.01 16.52 -101.31	327.88 20.54 -122.28	368.75 27.21 -98.64	327.32 30.89 -15.59	271.27 24.35 -15.04	192.56 16.09 -17.20	107.11 7.16 -0.46	86.27 4.65 0.01	63.94 1.87 7.09
LOCKPORT_115KV_TB60_63_64 80432	74.53 1.10 0.00	62.04 -0.63 0.00	56.55 -1.63 0.00	49.68 -1.80 0.00	50.09 -1.71 0.00	55.06 -1.76 0.00	56.18 -2.16 0.00	56.65 -2.67 0.00	59.78 -1.41 0.00	63.21 -1.36 0.00	65.92 -0.87 0.00	81.91 -1.08 0.00	92.69 -1.03 0.00	105.50 -3.83 0.00	128.07 -3.55 0.00	140.63 -5.55 0.00	173.58 -11.47 0.00	226.39 -16.52 0.00	264.80 -18.54 0.00	222.09 -12.29 0.00	153.91 -7.80 0.00	95.81 -3.68 0.00	80.07 -1.55 0.00	67.98 -1.18 0.00
LOCKPORT___CC1 323769	74.32 0.88 0.00	61.73 -0.94 0.00	56.37 -1.80 0.00	50.35 -1.13 0.00	49.93 -1.86 0.00	54.78 -2.04 0.00	56.12 -2.22 0.00	56.48 -2.85 0.00	59.60 -1.59 0.00	63.02 -1.55 0.00	65.72 -1.07 0.00	81.66 -1.33 0.00	92.40 -1.31 0.00	105.50 -3.83 0.00	127.68 -3.95 0.00	140.63 -5.55 0.00	173.21 -11.85 0.00	227.35 -15.55 0.00	262.58 -20.78 0.00	218.63 -15.78 0.00	152.50 -9.24 0.00	96.10 -3.38 0.00	79.99 -1.63 0.00	67.78 -1.38 0.00
LOCKPORT___CC2 323770	74.32 0.88 0.00	61.73 -0.94 0.00	56.37 -1.80 0.00	50.35 -1.13 0.00	49.93 -1.86 0.00	54.78 -2.04 0.00	56.12 -2.22 0.00	56.48 -2.85 0.00	59.60 -1.59 0.00	63.02 -1.55 0.00	65.72 -1.07 0.00	81.66 -1.33 0.00	92.40 -1.31 0.00	105.50 -3.83 0.00	127.68 -3.95 0.00	140.63 -5.55 0.00	173.21 -11.85 0.00	227.35 -15.55 0.00	262.58 -20.78 0.00	218.63 -15.78 0.00	152.50 -9.24 0.00	96.10 -3.38 0.00	79.99 -1.63 0.00	67.78 -1.38 0.00
LOCKPORT___CC3 323771	74.32 0.88 0.00	61.73 -0.94 0.00	56.37 -1.80 0.00	50.35 -1.13 0.00	49.93 -1.86 0.00	54.78 -2.04 0.00	56.12 -2.22 0.00	56.48 -2.85 0.00	59.60 -1.59 0.00	63.02 -1.55 0.00	65.72 -1.07 0.00	81.66 -1.33 0.00	92.40 -1.31 0.00	105.50 -3.83 0.00	127.68 -3.95 0.00	140.63 -5.55 0.00	173.21 -11.85 0.00	227.35 -15.55 0.00	262.58 -20.78 0.00	218.63 -15.78 0.00	152.50 -9.24 0.00	96.10 -3.38 0.00	79.99 -1.63 0.00	67.78 -1.38 0.00
LOCUSVLY_69_KV_BK2 55797	76.96 3.52 0.00	66.80 4.14 0.00	62.66 4.48 0.00	55.70 4.22 0.00	55.58 3.78 0.00	60.57 3.75 0.00	62.72 4.38 0.00	64.43 5.10 0.00	66.70 5.51 0.00	70.70 6.13 0.00	72.33 5.54 0.00	100.95 7.39 -10.58	105.29 10.96 -0.60	125.09 13.99 -1.77	174.79 17.24 -25.92	299.92 19.59 -134.15	357.47 24.61 -147.80	403.64 32.31 -128.43	352.38 36.23 -35.31	297.36 28.52 -36.95	199.12 18.64 -21.21	108.71 8.75 -0.46	87.10 5.47 -0.01	69.66 2.77 2.26
LONG_LAKE_PHOENIX 24014	72.62 -0.81 0.00	61.66 -1.00 0.00	57.25 -0.93 0.00	50.60 -0.88 0.00	50.81 -0.98 0.00	55.69 -1.14 0.00	57.46 -0.88 0.00	58.49 -0.83 0.00	60.52 -0.67 0.00	63.86 -0.71 0.00	66.25 -0.53 0.00	82.41 -0.58 0.00	93.53 -0.19 0.00	109.00 -0.33 0.00	131.50 -0.13 0.00	145.74 -0.44 0.00	184.13 -0.93 0.00	241.45 -1.46 0.00	279.72 -1.12 0.00	231.42 -0.46 0.00	158.96 -0.32 0.00	99.29 -0.20 0.00	81.14 -0.49 0.00	68.33 -0.83 0.00
LOVETT___3 23632	74.75 1.32 0.00	64.73 2.07 0.00	60.62 2.44 0.00	53.90 2.42 0.00	53.81 2.02 0.00	58.76 1.93 0.00	60.97 2.63 0.00	62.41 3.08 0.00	64.50 3.30 0.00	68.31 3.74 0.00	70.66 3.87 0.00	87.89 4.90 0.00	101.31 7.59 0.00	117.26 9.95 2.01	144.10 12.24 -0.23	175.26 14.03 -15.04	245.99 17.95 -42.99	329.17 23.32 -62.94	331.87 26.12 -24.91	276.64 20.17 -24.58	194.82 13.54 -22.00	106.41 6.47 -0.45	85.14 3.51 0.00	71.24 2.07 0.00
LOVETT___4 23642	74.75 1.32 0.00	64.73 2.07 0.00	60.62 2.44 0.00	53.90 2.42 0.00	53.81 2.02 0.00	58.76 1.93 0.00	60.97 2.63 0.00	62.41 3.08 0.00	64.50 3.30 0.00	68.31 3.74 0.00	70.66 3.87 0.00	87.89 4.90 0.00	101.31 7.59 0.00	117.26 9.95 2.01	144.10 12.24 -0.23	175.26 14.03 -15.04	245.99 17.95 -42.99	329.17 23.32 -62.94	331.87 26.12 -24.91	276.64 20.17 -24.58	194.82 13.54 -22.00	106.41 6.47 -0.45	85.14 3.51 0.00	71.24 2.07 0.00
LOVETT___5 23593	74.75 1.32 0.00	64.73 2.07 0.00	60.62 2.44 0.00	53.90 2.42 0.00	53.81 2.02 0.00	58.76 1.93 0.00	60.97 2.63 0.00	62.41 3.08 0.00	64.50 3.30 0.00	68.31 3.74 0.00	70.66 3.87 0.00	87.89 4.90 0.00	101.31 7.59 0.00	117.26 9.95 2.01	144.10 12.24 -0.23	175.26 14.03 -15.04	245.99 17.95 -42.99	329.17 23.32 -62.94	331.87 26.12 -24.91	276.64 20.17 -24.58	194.82 13.54 -22.00	106.41 6.47 -0.45	85.14 3.51 0.00	71.24 2.07 0.00
LOWER RAQUET___HYD 24057	74.38 0.95 0.00	63.29 0.63 0.00	58.29 0.12 0.00	51.38 -0.10 0.00	52.05 0.26 0.00	57.51 0.68 0.00	58.52 0.18 0.00	59.09 -0.24 0.00	60.15 -1.04 0.00	63.21 -1.36 0.00	65.05 -1.74 0.00	80.50 -2.49 0.00	89.69 -4.03 0.00	101.01 -8.31 0.00	120.97 -10.66 0.00	134.20 -11.98 0.00	170.62 -14.43 0.00	224.93 -17.97 0.00	260.61 -20.22 0.00	216.35 -15.53 0.00	148.61 -10.67 0.00	94.71 -4.77 0.00	81.06 -0.57 0.00	69.92 0.76 0.00
LOWER___HUDSON 24059	75.27 1.84 0.00	64.73 2.06 0.00	60.44 2.27 0.00	53.59 2.11 0.00	53.76 1.97 0.00	58.76 1.93 0.00	60.73 2.39 0.00	61.87 2.55 0.00	63.64 2.45 0.00	66.89 2.32 0.00	68.99 2.20 0.00	85.64 2.65 0.00	97.65 3.94 0.00	115.01 5.57 -0.11	138.11 6.71 0.23	181.59 8.33 -27.08	227.34 11.10 -31.19	292.90 14.33 -35.66	426.20 16.85 -128.51	371.54 13.68 -125.98	276.31 9.40 -107.63	108.91 5.47 -3.95	84.89 3.27 0.00	71.23 2.07 0.00
LOWVILLE_115KV_TB2 356335	75.78 2.35 0.00	64.30 1.63 0.00	59.40 1.22 0.00	52.35 0.88 0.00	52.62 0.83 0.00	57.96 1.14 0.00	59.86 1.52 0.00	60.75 1.42 0.00	62.60 1.41 0.00	66.37 1.81 0.00	68.52 1.74 0.00	84.98 1.99 0.00	95.97 2.25 0.00	110.31 0.98 0.00	132.68 1.05 0.00	146.33 0.15 0.00	184.68 -0.37 0.00	243.39 0.49 0.00	283.09 2.25 0.00	236.29 4.41 0.00	162.47 3.19 0.00	103.57 4.08 0.00	85.30 3.67 0.00	72.07 2.90 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	76.66 3.23 0.00	65.74 3.07 0.00	61.26 3.08 0.00	54.31 2.83 0.00	54.44 2.64 0.00	59.55 2.73 0.00	61.61 3.27 0.00	62.65 3.32 0.00	64.43 3.24 0.00	67.54 2.97 0.00	69.59 2.81 0.00	86.56 3.57 0.00	98.68 4.97 0.00	115.87 6.45 -0.10	139.18 7.77 0.21	171.68 9.79 -15.70	215.57 12.95 -17.57	280.07 17.25 -19.92	409.67 20.50 -108.33	355.86 17.16 -106.81	266.49 12.11 -95.11	111.76 7.56 -4.71	86.52 4.90 0.00	72.48 3.32 0.00

LUTHERNY_35_KV_BK2 355980	76.74 3.30 0.00	65.80 3.13 0.00	61.32 3.14 0.00	54.31 2.83 0.00	54.49 2.69 0.00	59.61 2.78 0.00	61.61 3.27 0.00	62.71 3.38 0.00	64.43 3.24 0.00	67.60 3.03 0.00	69.66 2.87 0.00	86.64 3.65 0.00	98.78 5.06 0.00	115.98 6.56 -0.10	139.31 7.90 0.21	171.82 9.94 -15.70	215.76 13.14 -17.57	280.31 17.49 -19.92	409.95 20.78 -108.33	356.32 17.62 -106.81	266.65 12.26 -95.11	111.86 7.66 -4.71	86.60 4.98 0.00	72.55 3.39 0.00
LWR___OSWEGATCHIE_HYD 23850	74.97 1.54 0.00	63.73 1.07 0.00	58.76 0.58 0.00	51.79 0.31 0.00	52.26 0.47 0.00	57.68 0.85 0.00	59.16 0.82 0.00	59.86 0.53 0.00	61.31 0.12 0.00	64.63 0.06 0.00	66.65 -0.13 0.00	82.57 -0.41 0.00	92.31 -1.41 0.00	105.28 -4.05 0.00	126.36 -5.27 0.00	139.89 -6.29 0.00	177.10 -7.96 0.00	233.43 -9.47 0.00	271.29 -9.55 0.00	226.09 -5.80 0.00	155.30 -3.98 0.00	99.39 -0.10 0.00	83.18 1.55 0.00	70.89 1.73 0.00
LYONS_FALL_HYD 23570	75.56 2.13 0.00	64.23 1.57 0.00	59.45 1.28 0.00	52.45 0.98 0.00	52.73 0.93 0.00	58.02 1.20 0.00	59.92 1.58 0.00	60.81 1.48 0.00	62.78 1.59 0.00	66.44 1.87 0.00	68.65 1.87 0.00	85.23 2.24 0.00	96.44 2.72 0.00	111.51 2.19 0.00	134.40 2.77 0.00	148.66 2.48 0.00	187.64 2.59 0.00	247.03 4.13 0.00	286.75 5.91 0.00	238.37 6.48 0.00	163.73 4.45 0.00	103.76 4.28 0.00	84.97 3.35 0.00	71.65 2.49 0.00
MADISON___COUNTY_LFGE 323628	75.27 1.84 0.00	63.98 1.32 0.00	59.34 1.16 0.00	52.46 0.98 0.00	52.67 0.88 0.00	57.79 0.97 0.00	59.74 1.40 0.00	60.75 1.42 0.00	62.78 1.59 0.00	66.24 1.68 0.00	68.59 1.80 0.00	85.31 2.32 0.00	96.81 3.09 0.00	113.04 3.72 0.00	136.37 4.74 0.00	151.30 5.12 0.00	191.16 6.11 0.00	251.16 8.26 0.00	290.95 10.11 0.00	241.62 9.74 0.00	165.65 6.37 0.00	103.86 4.38 0.00	84.40 2.78 0.00	71.03 1.87 0.00
MALONE___115KV_TB1 356076	74.68 1.25 0.00	63.48 0.81 0.00	58.53 0.35 0.00	51.74 0.26 0.00	52.36 0.57 0.00	57.62 0.80 0.00	58.69 0.35 0.00	59.50 0.18 0.00	60.95 -0.24 0.00	64.24 -0.32 0.00	66.19 -0.60 0.00	82.08 -0.91 0.00	90.44 -3.28 0.00	104.19 -5.14 0.00	124.78 -6.84 0.00	138.29 -7.89 0.00	176.17 -8.88 0.00	232.22 -10.69 0.00	268.48 -12.36 0.00	222.38 -9.51 0.00	152.91 -6.37 0.00	96.80 -2.69 0.00	81.63 0.00 0.00	70.13 0.97 0.00
MAPLEWOD_115KV_TB3 80458	74.53 1.10 0.00	64.17 1.50 0.00	59.92 1.75 0.00	53.28 1.80 0.00	53.35 1.55 0.00	58.24 1.42 0.00	60.15 1.81 0.00	61.28 1.96 0.00	63.09 1.90 0.00	66.31 1.74 0.00	68.46 1.67 0.00	85.06 2.07 0.00	97.09 3.37 0.00	114.13 4.70 -0.10	137.06 5.66 0.23	182.90 7.16 -29.56	228.87 9.62 -34.20	294.70 12.63 -39.16	421.29 14.32 -126.13	366.63 11.36 -123.38	270.70 7.65 -103.77	107.05 4.38 -3.19	83.99 2.37 0.00	70.54 1.38 0.00
MAPLE_RIDGE_WT_1 323574	73.21 -0.22 0.00	62.42 -0.25 0.00	57.83 -0.35 0.00	51.12 -0.36 0.00	51.49 -0.31 0.00	56.60 -0.23 0.00	58.05 -0.29 0.00	59.09 -0.24 0.00	60.95 -0.24 0.00	64.31 -0.26 0.00	66.45 -0.33 0.00	82.49 -0.49 0.00	92.69 -1.03 0.00	107.69 -1.64 0.00	129.39 -2.24 0.00	143.69 -2.49 0.00	182.09 -2.97 0.00	239.27 -3.64 0.00	276.91 -3.93 0.00	228.86 -3.02 0.00	157.21 -2.08 0.00	98.30 -1.19 0.00	80.97 -0.66 0.00	68.82 -0.34 0.00
MAPLE_RIDGE_WT_2 323611	73.21 -0.22 0.00	62.42 -0.25 0.00	57.83 -0.35 0.00	51.12 -0.36 0.00	51.49 -0.31 0.00	56.60 -0.23 0.00	58.05 -0.29 0.00	59.09 -0.24 0.00	60.95 -0.24 0.00	64.31 -0.26 0.00	66.45 -0.33 0.00	82.49 -0.49 0.00	92.69 -1.03 0.00	107.69 -1.64 0.00	129.39 -2.24 0.00	143.69 -2.49 0.00	182.09 -2.97 0.00	239.27 -3.64 0.00	276.91 -3.93 0.00	228.86 -3.02 0.00	157.21 -2.08 0.00	98.30 -1.19 0.00	80.97 -0.66 0.00	68.82 -0.34 0.00
MARBLE_RIVER_WT_PWR 323696	73.73 0.29 0.00	62.73 0.06 0.00	57.89 -0.29 0.00	51.22 -0.26 0.00	51.85 0.05 0.00	56.88 0.06 0.00	57.87 -0.47 0.00	58.73 -0.59 0.00	60.39 -0.80 0.00	63.66 -0.90 0.00	65.65 -1.14 0.00	81.41 -1.58 0.00	90.71 -3.00 0.00	104.30 -5.03 0.00	125.05 -6.58 0.00	138.73 -7.45 0.00	176.54 -8.51 0.00	232.47 -10.44 0.00	269.05 -11.78 0.00	222.37 -9.52 0.00	152.90 -6.38 0.00	96.21 -3.28 0.00	80.73 -0.90 0.00	69.23 0.07 0.00
MARSHVLE_115KV_TB1 80742	78.94 5.51 0.00	67.37 4.70 0.00	62.66 4.48 0.00	55.44 3.96 0.00	55.68 3.88 0.00	61.14 4.32 0.00	63.07 4.73 0.00	63.24 3.92 0.00	64.68 3.49 0.00	67.67 3.10 0.00	69.93 3.14 0.00	87.06 4.07 0.00	99.25 5.53 0.00	116.54 7.22 0.00	140.56 9.35 0.42	163.23 11.26 -5.79	205.91 14.25 -6.60	270.88 19.92 -8.06	385.99 24.99 -80.16	335.46 24.12 -79.46	250.05 17.36 -73.41	115.01 11.14 -4.38	89.22 7.59 0.00	74.56 5.39 0.00
MARSH_HILL_WT_PWR 323713	76.88 3.45 0.00	64.04 1.38 0.00	58.93 0.75 0.00	52.41 0.93 0.00	52.21 0.41 0.00	57.05 0.23 0.00	59.10 0.76 0.00	59.62 0.30 0.00	62.11 0.92 0.00	65.54 0.97 0.00	68.19 1.40 0.00	85.06 2.08 0.00	96.15 2.43 0.00	110.86 1.53 0.00	134.00 2.37 0.00	147.49 1.31 0.00	184.13 -0.92 0.00	241.94 -0.97 0.00	284.12 -0.28 -3.57	237.77 2.32 -3.57	165.95 3.18 -3.49	103.09 3.48 -0.12	84.73 3.10 0.00	71.23 2.07 0.00
MCINTYRE_115KV_TB2 80467	76.15 2.72 0.00	64.73 2.07 0.00	59.63 1.45 0.00	52.51 1.03 0.00	53.14 1.35 0.00	58.81 1.99 0.00	59.80 1.46 0.00	60.21 0.89 0.00	61.31 0.12 0.00	64.24 -0.32 0.00	66.05 -0.73 0.00	81.66 -1.33 0.00	90.06 -3.65 0.00	102.77 -6.56 0.00	123.07 -8.56 0.00	136.53 -9.65 0.00	173.77 -11.29 0.00	229.79 -13.12 0.00	267.64 -13.20 0.00	223.07 -8.81 0.00	153.55 -5.73 0.00	97.60 -1.89 0.00	82.85 1.22 0.00	71.37 2.21 0.00
MECO_____69_KV_BK1 80468	79.67 6.24 0.00	68.06 5.39 0.00	63.24 5.06 0.00	55.96 4.48 0.00	56.20 4.40 0.00	61.71 4.89 0.00	63.82 5.48 0.00	64.25 4.92 0.00	65.78 4.59 0.00	68.63 4.07 0.00	70.86 4.07 0.00	88.13 5.15 0.00	100.46 6.75 0.00	117.93 8.53 -0.07	142.26 10.79 0.16	166.78 13.30 -7.30	210.20 17.40 -7.75	275.85 24.29 -8.65	396.23 29.77 -85.63	343.89 27.13 -84.88	256.79 19.11 -78.39	116.52 12.34 -4.70	90.11 8.49 0.00	75.25 6.09 0.00
MENANDS___115KV_TB5 355628	73.95 0.51 0.00	63.73 1.07 0.00	59.51 1.34 0.00	52.97 1.49 0.00	53.04 1.24 0.00	57.85 1.02 0.00	59.74 1.40 0.00	60.93 1.60 0.00	62.66 1.47 0.00	65.92 1.36 0.00	68.06 1.27 0.00	84.48 1.49 0.00	96.43 2.72 0.00	113.48 4.05 -0.10	136.14 4.74 0.23	177.14 5.99 -24.97	222.03 8.33 -28.65	286.33 10.69 -32.73	406.19 12.08 -113.28	352.09 9.28 -110.93	259.56 6.21 -94.07	106.03 3.48 -3.06	83.26 1.63 0.00	69.92 0.76 0.00
MG INDUSTRY___DRP 24185	72.62 -0.81 0.00	62.48 -0.19 0.00	58.35 0.17 0.00	51.89 0.41 0.00	52.00 0.21 0.00	56.77 -0.06 0.00	58.57 0.23 0.00	59.38 0.06 0.00	60.95 -0.24 0.00	63.98 -0.58 0.00	66.05 -0.73 0.00	81.85 -1.00 0.15	90.11 -0.28 3.33	107.95 0.33 1.70	123.87 0.39 8.15	109.34 1.02 37.86	131.88 2.04 55.21	166.55 2.91 79.27	194.25 3.37 89.96	158.49 2.78 76.18	128.90 1.91 32.29	98.10 0.99 2.39	81.38 -0.24 0.00	68.47 -0.69 0.00

MID___OSWEGATCHIE_HYD 23849	74.97 1.54 0.00	63.73 1.07 0.00	58.76 0.58 0.00	51.79 0.31 0.00	52.26 0.47 0.00	57.68 0.85 0.00	59.16 0.82 0.00	59.86 0.53 0.00	61.31 0.12 0.00	64.63 0.06 0.00	66.65 -0.13 0.00	82.57 -0.41 0.00	92.31 -1.41 0.00	105.28 -4.05 0.00	126.36 -5.27 0.00	139.89 -6.29 0.00	177.10 -7.96 0.00	233.43 -9.47 0.00	271.29 -9.55 0.00	226.09 -5.80 0.00	155.30 -3.98 0.00	99.39 -0.10 0.00	83.18 1.55 0.00	70.89 1.73 0.00
MID___RAQUETTE_HYD 23851	74.39 0.95 0.00	63.29 0.63 0.00	58.29 0.12 0.00	51.43 -0.05 0.00	52.05 0.26 0.00	57.51 0.68 0.00	58.51 0.18 0.00	59.09 -0.24 0.00	60.15 -1.04 0.00	63.21 -1.36 0.00	65.05 -1.74 0.00	80.50 -2.49 0.00	88.94 -4.78 0.00	101.13 -8.20 0.00	120.96 -10.66 0.00	134.19 -11.99 0.00	170.62 -14.43 0.00	224.93 -17.97 0.00	260.62 -20.22 0.00	216.35 -15.54 0.00	148.61 -10.67 0.00	94.81 -4.68 0.00	81.05 -0.57 0.00	69.92 0.76 0.00
MILLIKEN___1 23584	75.56 2.13 0.00	63.92 1.25 0.00	59.28 1.11 0.00	52.35 0.88 0.00	52.57 0.78 0.00	57.62 0.80 0.00	59.57 1.23 0.00	60.57 1.25 0.00	62.72 1.53 0.00	66.05 1.49 0.00	68.46 1.67 0.00	85.23 2.24 0.00	96.81 3.09 0.00	112.61 3.28 0.00	135.97 4.34 0.00	150.71 4.53 0.00	190.24 5.18 0.00	250.19 7.29 0.00	294.28 9.83 -3.61	244.77 9.28 -3.61	169.18 6.37 -3.53	103.79 4.18 -0.13	84.56 2.94 0.00	71.03 1.87 0.00
MILLIKEN___2 23585	75.56 2.13 0.00	63.92 1.25 0.00	59.28 1.11 0.00	52.35 0.88 0.00	52.57 0.78 0.00	57.62 0.80 0.00	59.57 1.23 0.00	60.57 1.25 0.00	62.72 1.53 0.00	66.05 1.49 0.00	68.46 1.67 0.00	85.23 2.24 0.00	96.81 3.09 0.00	112.61 3.28 0.00	135.97 4.34 0.00	150.71 4.53 0.00	190.24 5.18 0.00	250.19 7.29 0.00	294.28 9.83 -3.61	244.77 9.28 -3.61	169.18 6.37 -3.53	103.79 4.18 -0.13	84.56 2.94 0.00	71.03 1.87 0.00
MILLIKEN___DIESEL 23629	75.56 2.13 0.00	63.92 1.25 0.00	59.28 1.11 0.00	52.35 0.88 0.00	52.57 0.78 0.00	57.62 0.80 0.00	59.57 1.23 0.00	60.57 1.25 0.00	62.72 1.53 0.00	66.05 1.49 0.00	68.46 1.67 0.00	85.23 2.24 0.00	96.81 3.09 0.00	112.61 3.28 0.00	135.97 4.34 0.00	150.71 4.53 0.00	190.24 5.18 0.00	250.19 7.29 0.00	294.28 9.83 -3.61	244.77 9.28 -3.61	169.18 6.37 -3.53	103.79 4.18 -0.13	84.56 2.94 0.00	71.03 1.87 0.00
MILLSEAT___LFGE 323607	75.63 2.20 0.00	62.73 0.06 0.00	57.77 -0.40 0.00	51.53 0.05 0.00	51.18 -0.62 0.00	56.20 -0.62 0.00	57.64 -0.70 0.00	58.19 -1.13 0.00	61.19 0.00 0.00	64.12 -0.45 0.00	66.99 0.20 0.00	83.41 0.42 0.00	94.46 0.75 0.00	108.02 -1.31 0.00	130.84 -0.79 0.00	144.28 -1.90 0.00	178.57 -6.48 0.00	234.40 -8.51 0.00	271.46 -11.78 -2.41	225.95 -8.34 -2.41	157.17 -4.46 -2.35	98.89 -0.59 0.00	81.87 0.25 0.00	69.09 -0.07 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	75.19 1.76 0.00	65.11 2.44 0.00	61.03 2.85 0.00	54.26 2.78 0.00	54.18 2.38 0.00	59.10 2.27 0.00	61.32 2.98 0.00	62.76 3.44 0.00	64.92 3.73 0.00	68.76 4.20 0.00	71.06 4.27 0.00	88.38 5.39 0.00	101.87 8.15 0.00	122.27 10.60 -2.34	165.98 13.03 -21.32	262.59 14.91 -101.49	318.17 19.06 -114.05	363.44 24.78 -95.76	334.75 28.08 -25.83	278.93 21.57 -25.48	196.53 14.49 -22.76	107.01 7.06 -0.46	85.63 4.00 0.00	71.65 2.49 0.00
MILLWOOD_13_KV_LOAD 356217	75.41 1.98 0.00	65.30 2.63 0.00	61.14 2.97 0.00	54.36 2.88 0.00	54.28 2.49 0.00	59.27 2.44 0.00	61.49 3.15 0.00	62.94 3.62 0.00	65.11 3.92 0.00	68.96 4.39 0.00	71.33 4.54 0.00	88.72 5.73 0.00	102.24 8.53 0.00	122.82 11.15 -2.34	166.64 13.69 -21.32	263.32 15.64 -101.49	319.09 19.99 -114.05	364.66 25.99 -95.76	335.88 29.21 -25.83	280.09 22.72 -25.48	197.33 15.29 -22.76	107.51 7.56 -0.46	85.95 4.33 0.00	71.86 2.70 0.00
MODEL_CITY_ENERGY 24167	73.95 0.52 0.00	61.79 -0.88 0.00	56.08 -2.09 0.00	50.09 -1.39 0.00	49.67 -2.13 0.00	54.78 -2.04 0.00	55.77 -2.57 0.00	56.18 -3.15 0.00	59.29 -1.90 0.00	62.69 -1.87 0.00	65.38 -1.41 0.00	81.33 -1.66 0.00	92.03 -1.68 0.00	105.06 -4.27 0.00	127.02 -4.61 0.00	139.90 -6.28 0.00	172.29 -12.77 0.00	225.90 -17.01 0.00	260.90 -22.48 -2.54	217.27 -17.16 -2.54	151.57 -10.20 -2.49	95.50 -3.98 0.00	79.50 -2.12 0.00	67.50 -1.66 0.00
MODERN_LFGE___ 323580	73.95 0.52 0.00	61.79 -0.88 0.00	56.08 -2.09 0.00	50.09 -1.39 0.00	49.67 -2.13 0.00	54.78 -2.04 0.00	55.77 -2.57 0.00	56.18 -3.15 0.00	59.29 -1.90 0.00	62.69 -1.87 0.00	65.38 -1.41 0.00	81.33 -1.66 0.00	92.03 -1.68 0.00	105.06 -4.27 0.00	127.02 -4.61 0.00	139.90 -6.28 0.00	172.29 -12.77 0.00	225.90 -17.01 0.00	260.90 -22.48 -2.54	217.27 -17.16 -2.54	151.57 -10.20 -2.49	95.50 -3.98 0.00	79.50 -2.12 0.00	67.50 -1.66 0.00
MOHAWK_PAPER___DRP 24187	74.53 1.10 0.00	64.17 1.50 0.00	59.92 1.75 0.00	53.28 1.80 0.00	53.35 1.55 0.00	58.24 1.42 0.00	60.15 1.81 0.00	61.28 1.96 0.00	63.09 1.90 0.00	66.31 1.74 0.00	68.46 1.67 0.00	85.06 2.07 0.00	97.09 3.37 0.00	114.13 4.70 -0.10	137.06 5.66 0.23	182.90 7.16 -29.56	228.87 9.62 -34.20	294.70 12.63 -39.16	421.29 14.32 -126.13	366.63 11.36 -123.38	270.70 7.65 -103.77	107.05 4.38 -3.19	83.99 2.37 0.00	70.54 1.38 0.00
MOHICAN___35_KV_115KV_LD 80490	77.32 3.89 0.00	66.24 3.57 0.00	61.67 3.49 0.00	54.62 3.14 0.00	54.75 2.95 0.00	59.95 3.13 0.00	62.07 3.73 0.00	63.12 3.80 0.00	64.86 3.67 0.00	67.86 3.29 0.00	69.66 2.87 0.00	86.72 3.73 0.00	98.78 5.06 0.00	115.87 6.45 -0.10	139.31 7.90 0.21	171.69 10.38 -15.13	215.81 13.88 -16.88	280.49 18.46 -19.13	411.44 23.31 -107.29	357.65 19.94 -105.82	268.07 14.34 -94.45	113.39 9.15 -4.75	87.50 5.88 0.00	73.10 3.94 0.00
MONGAUP___HYD 23641	76.29 2.86 0.00	65.67 3.01 0.00	61.26 3.08 0.00	54.21 2.73 0.00	54.28 2.49 0.00	59.38 2.56 0.00	61.55 3.21 0.00	62.70 3.38 0.00	64.49 3.30 0.00	67.99 3.42 0.00	70.26 3.47 0.00	87.38 4.40 0.00	100.00 6.28 0.00	117.09 8.53 0.77	143.12 9.88 -1.62	173.38 11.84 -15.36	228.78 14.25 -29.47	300.50 19.92 -37.67	327.32 23.86 -22.62	276.27 22.04 -22.34	194.20 14.82 -20.11	108.16 8.25 -0.42	86.77 5.15 0.00	72.48 3.32 0.00
MONTAUK___DIESEL 23721	80.77 7.34 0.00	70.37 7.71 0.00	65.74 7.56 0.00	58.12 6.64 0.00	57.65 5.85 0.00	62.73 5.91 0.00	64.64 6.30 0.00	67.04 7.71 0.00	70.25 9.06 0.00	75.35 10.78 0.00	76.54 9.75 0.00	99.30 13.44 -2.86	111.16 18.09 0.64	132.50 22.30 -0.87	182.66 26.98 -24.05	280.08 24.85 -109.05	343.18 30.53 -127.59	388.84 40.81 -105.13	342.96 42.13 -20.00	282.59 30.38 -20.33	200.68 23.10 -18.31	110.40 10.45 -0.46	87.34 5.71 0.00	66.25 3.39 6.30
MOONROAD_115KV_HARTFLD_TB1-2 355988	76.96 3.52 0.00	63.79 1.13 0.00	58.53 0.35 0.00	51.48 0.00 0.00	51.85 0.05 0.00	56.60 -0.23 0.00	58.69 0.35 0.00	59.50 0.18 0.00	62.48 1.29 0.00	66.44 1.87 0.00	69.39 2.60 0.00	86.47 3.49 0.00	98.40 4.69 0.00	112.28 2.95 0.00	136.23 4.61 0.00	149.54 3.36 0.00	185.61 0.56 0.00	242.42 -0.49 0.00	284.21 0.28 -3.09	237.76 2.78 -3.09	164.53 2.23 -3.02	101.78 2.29 0.00	84.40 2.78 0.00	70.96 1.80 0.00

NARROWS_GT1_6 24233	75.26 1.84 0.01	65.23 2.57 0.01	61.08 2.91 0.01	54.15 2.68 0.00	54.54 2.74 0.00	59.15 2.33 0.01	61.48 3.15 0.01	62.94 3.62 0.01	65.90 4.71 0.01	69.21 4.65 0.01	71.85 5.07 0.01	89.87 6.14 -0.74	107.80 8.81 -5.28	133.01 11.58 -12.11	169.13 14.22 -23.28	273.85 15.94 -111.73	316.77 20.36 -111.36	380.35 26.48 -110.96	337.98 31.17 -25.98	282.33 24.82 -25.62	198.57 16.41 -22.88	102.13 7.36 4.72	86.02 4.40 0.01	65.55 2.63 6.24
NARROWS_GT1_7 24234	75.26 1.84 0.01	65.23 2.57 0.01	61.08 2.91 0.01	54.15 2.68 0.00	54.54 2.74 0.00	59.15 2.33 0.01	61.48 3.15 0.01	62.94 3.62 0.01	65.90 4.71 0.01	69.21 4.65 0.01	71.85 5.07 0.01	89.87 6.14 -0.74	107.80 8.81 -5.28	133.01 11.58 -12.11	169.13 14.22 -23.28	273.85 15.94 -111.73	316.77 20.36 -111.36	380.35 26.48 -110.96	337.98 31.17 -25.98	282.33 24.82 -25.62	198.57 16.41 -22.88	102.13 7.36 4.72	86.02 4.40 0.01	65.55 2.63 6.24
NARROWS_GT1_8 24235	75.26 1.84 0.01	65.23 2.57 0.01	61.08 2.91 0.01	54.15 2.68 0.00	54.54 2.74 0.00	59.15 2.33 0.01	61.48 3.15 0.01	62.94 3.62 0.01	65.90 4.71 0.01	69.21 4.65 0.01	71.85 5.07 0.01	89.87 6.14 -0.74	107.80 8.81 -5.28	133.01 11.58 -12.11	169.13 14.22 -23.28	273.85 15.94 -111.73	316.77 20.36 -111.36	380.35 26.48 -110.96	337.98 31.17 -25.98	282.33 24.82 -25.62	198.57 16.41 -22.88	102.13 7.36 4.72	86.02 4.40 0.01	65.55 2.63 6.24
NARROWS_GT2_1 24236	75.26 1.84 0.01	65.23 2.57 0.01	61.08 2.91 0.01	54.15 2.68 0.00	54.54 2.74 0.00	59.15 2.33 0.01	61.48 3.15 0.01	62.96 3.62 -0.02	65.90 4.71 0.01	69.21 4.65 0.01	71.85 5.07 0.01	106.92 6.14 -17.79	131.11 8.81 -28.59	166.71 11.58 -45.80	169.13 14.22 -23.28	273.85 15.94 -111.73	316.77 20.36 -111.36	380.35 26.48 -110.96	337.98 31.17 -25.98	282.33 24.82 -25.62	198.57 16.41 -22.88	102.13 7.36 4.72	86.02 4.40 0.01	65.55 2.63 6.24
NARROWS_GT2_2 24237	75.26 1.84 0.01	65.23 2.57 0.01	61.08 2.91 0.01	54.15 2.68 0.00	54.54 2.74 0.00	59.15 2.33 0.01	61.48 3.15 0.01	62.96 3.62 -0.02	65.90 4.71 0.01	69.21 4.65 0.01	71.85 5.07 0.01	106.92 6.14 -17.79	131.11 8.81 -28.59	166.71 11.58 -45.80	169.13 14.22 -23.28	273.85 15.94 -111.73	316.77 20.36 -111.36	380.35 26.48 -110.96	337.98 31.17 -25.98	282.33 24.82 -25.62	198.57 16.41 -22.88	102.13 7.36 4.72	86.02 4.40 0.01	65.55 2.63 6.24
NARROWS_GT2_3 24238	75.26 1.84 0.01	65.23 2.57 0.01	61.08 2.91 0.01	54.15 2.68 0.00	54.54 2.74 0.00	59.15 2.33 0.01	61.48 3.15 0.01	62.96 3.62 -0.02	65.90 4.71 0.01	69.21 4.65 0.01	71.85 5.07 0.01	106.92 6.14 -17.79	131.11 8.81 -28.59	166.71 11.58 -45.80	169.13 14.22 -23.28	273.85 15.94 -111.73	316.77 20.36 -111.36	380.35 26.48 -110.96	337.98 31.17 -25.98	282.33 24.82 -25.62	198.57 16.41 -22.88	102.13 7.36 4.72	86.02 4.40 0.01	65.55 2.63 6.24
NARROWS_GT2_4 24239	75.26 1.84 0.01	65.23 2.57 0.01	61.08 2.91 0.01	54.15 2.68 0.00	54.54 2.74 0.00	59.15 2.33 0.01	61.48 3.15 0.01	62.96 3.62 -0.02	65.90 4.71 0.01	69.21 4.65 0.01	71.85 5.07 0.01	106.92 6.14 -17.79	131.11 8.81 -28.59	166.71 11.58 -45.80	169.13 14.22 -23.28	273.85 15.94 -111.73	316.77 20.36 -111.36	380.35 26.48 -110.96	337.98 31.17 -25.98	282.33 24.82 -25.62	198.57 16.41 -22.88	102.13 7.36 4.72	86.02 4.40 0.01	65.55 2.63 6.24
NARROWS_GT2_5 24240	75.26 1.84 0.01	65.23 2.57 0.01	61.08 2.91 0.01	54.15 2.68 0.00	54.54 2.74 0.00	59.15 2.33 0.01	61.48 3.15 0.01	62.96 3.62 -0.02	65.90 4.71 0.01	69.21 4.65 0.01	71.85 5.07 0.01	106.92 6.14 -17.79	131.11 8.81 -28.59	166.71 11.58 -45.80	169.13 14.22 -23.28	273.85 15.94 -111.73	316.77 20.36 -111.36	380.35 26.48 -110.96	337.98 31.17 -25.98	282.33 24.82 -25.62	198.57 16.41 -22.88	102.13 7.36 4.72	86.02 4.40 0.01	65.55 2.63 6.24
NARROWS_GT2_6 24241	75.26 1.84 0.01	65.23 2.57 0.01	61.08 2.91 0.01	54.15 2.68 0.00	54.54 2.74 0.00	59.15 2.33 0.01	61.48 3.15 0.01	62.96 3.62 -0.02	65.90 4.71 0.01	69.21 4.65 0.01	71.85 5.07 0.01	106.92 6.14 -17.79	131.11 8.81 -28.59	166.71 11.58 -45.80	169.13 14.22 -23.28	273.85 15.94 -111.73	316.77 20.36 -111.36	380.35 26.48 -110.96	337.98 31.17 -25.98	282.33 24.82 -25.62	198.57 16.41 -22.88	102.13 7.36 4.72	86.02 4.40 0.01	65.55 2.63 6.24
NARROWS_GT2_7 24242	75.26 1.84 0.01	65.23 2.57 0.01	61.08 2.91 0.01	54.15 2.68 0.00	54.54 2.74 0.00	59.15 2.33 0.01	61.48 3.15 0.01	62.96 3.62 -0.02	65.90 4.71 0.01	69.21 4.65 0.01	71.85 5.07 0.01	106.92 6.14 -17.79	131.11 8.81 -28.59	166.71 11.58 -45.80	169.13 14.22 -23.28	273.85 15.94 -111.73	316.77 20.36 -111.36	380.35 26.48 -110.96	337.98 31.17 -25.98	282.33 24.82 -25.62	198.57 16.41 -22.88	102.13 7.36 4.72	86.02 4.40 0.01	65.55 2.63 6.24
NARROWS_GT2_8 24243	75.26 1.84 0.01	65.23 2.57 0.01	61.08 2.91 0.01	54.15 2.68 0.00	54.54 2.74 0.00	59.15 2.33 0.01	61.48 3.15 0.01	62.96 3.62 -0.02	65.90 4.71 0.01	69.21 4.65 0.01	71.85 5.07 0.01	106.92 6.14 -17.79	131.11 8.81 -28.59	166.71 11.58 -45.80	169.13 14.22 -23.28	273.85 15.94 -111.73	316.77 20.36 -111.36	380.35 26.48 -110.96	337.98 31.17 -25.98	282.33 24.82 -25.62	198.57 16.41 -22.88	102.13 7.36 4.72	86.02 4.40 0.01	65.55 2.63 6.24
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	75.49 2.06 0.00	64.80 2.13 0.00	60.39 2.21 0.00	53.64 2.16 0.00	53.71 1.92 0.00	58.59 1.76 0.00	60.56 2.22 0.00	61.28 1.96 0.00	62.60 1.41 0.00	65.60 1.03 0.00	67.59 0.80 0.00	84.46 1.66 0.19	92.39 2.91 4.23	111.31 4.26 2.28	126.33 5.27 10.56	112.05 7.16 41.29	134.72 10.36 60.70	168.63 14.57 88.85	191.12 17.41 107.13	156.49 14.84 90.23	131.04 10.19 38.43	101.81 5.97 3.65	84.65 3.02 0.00	70.96 1.80 0.00
NCHELSEA_115KV_TR2 355582	75.93 2.50 0.00	65.55 2.88 0.00	61.26 3.08 0.00	54.36 2.88 0.00	54.33 2.54 0.00	59.38 2.56 0.00	61.61 3.27 0.00	63.00 3.68 0.00	64.99 3.79 0.00	68.83 4.26 0.00	71.19 4.41 0.00	88.55 5.56 0.00	101.87 8.15 0.00	119.82 10.50 0.00	144.53 12.90 0.00	164.57 15.20 -3.19	208.52 19.62 -3.85	273.11 25.75 -4.46	334.22 29.21 -24.18	278.74 22.96 -23.90	196.53 15.61 -21.64	108.33 8.36 -0.48	86.69 5.06 0.00	72.48 3.32 0.00
NEG CAPITAL___MECHNVIL 23645	76.81 3.38 0.00	65.86 3.19 0.00	61.37 3.20 0.00	54.36 2.88 0.00	54.54 2.74 0.00	59.66 2.84 0.00	61.72 3.38 0.00	62.76 3.44 0.00	64.56 3.36 0.00	67.73 3.16 0.00	69.86 3.07 0.00	86.89 3.90 0.00	98.96 5.24 0.00	116.43 7.00 -0.10	139.84 8.43 0.22	175.58 10.53 -18.87	220.46 14.06 -21.35	285.65 18.45 -24.29	416.82 21.92 -114.07	362.46 18.31 -112.26	270.73 12.75 -98.70	111.85 7.86 -4.51	86.69 5.06 0.00	72.62 3.46 0.00
NEG CENTRAL_HIGH_ACRES 23767	74.02 0.58 0.00	61.73 -0.94 0.00	56.95 -1.22 0.00	50.60 -0.88 0.00	50.55 -1.24 0.00	55.23 -1.59 0.00	57.11 -1.23 0.00	58.08 -1.25 0.00	60.64 -0.55 0.00	64.18 -0.39 0.00	66.92 0.13 0.00	83.32 0.33 0.00	94.46 0.75 0.00	109.11 -0.22 0.00	131.89 0.26 0.00	145.89 -0.29 0.00	182.64 -2.41 0.00	239.74 -3.16 0.00	276.06 -4.78 0.00	228.64 -3.25 0.00	157.38 -1.90 0.00	99.29 -0.20 0.00	81.63 0.00 0.00	68.54 -0.62 0.00

NEG CENTRAL___DRP 24199	74.90 1.47 0.00	63.04 0.38 0.00	58.35 0.17 0.00	51.48 0.00 0.00	51.79 0.00 0.00	56.65 -0.17 0.00	58.63 0.29 0.00	59.68 0.36 0.00	61.93 0.73 0.00	65.41 0.84 0.00	67.99 1.20 0.00	84.73 1.74 0.00	96.06 2.34 0.00	111.08 1.75 0.00	134.26 2.63 0.00	148.37 2.19 0.00	186.90 1.85 0.00	245.33 2.43 0.00	286.91 3.93 -2.14	238.43 4.41 -2.14	164.56 3.19 -2.10	101.88 2.39 0.00	83.58 1.96 0.00	70.13 0.97 0.00
NEG CENTRAL___INDECK 23768	76.22 2.79 0.00	63.23 0.56 0.00	58.18 0.00 0.00	51.79 0.31 0.00	51.64 -0.15 0.00	56.37 -0.46 0.00	58.40 0.06 0.00	58.73 -0.59 0.00	60.77 -0.43 0.00	63.92 -0.65 0.00	66.52 -0.27 0.00	82.99 0.00 0.00	91.19 -2.53 0.00	105.17 -4.15 0.00	127.29 -4.34 0.00	140.77 -5.41 0.00	176.17 -8.88 0.00	233.18 -9.72 0.00	274.22 -9.55 -2.93	230.18 -4.64 -2.93	160.07 -2.08 -2.87	99.79 0.30 0.00	81.87 0.25 0.00	70.54 1.38 0.00
NEG CENTRAL___SENECA 23627	75.63 2.20 0.00	63.42 0.75 0.00	58.58 0.41 0.00	51.68 0.21 0.00	52.00 0.21 0.00	56.88 0.06 0.00	58.92 0.58 0.00	59.92 0.59 0.00	62.29 1.10 0.00	65.79 1.23 0.00	68.46 1.67 0.00	85.31 2.32 0.00	96.72 3.00 0.00	111.19 1.86 0.00	134.65 3.03 0.00	148.67 2.49 0.00	186.90 1.85 0.00	245.33 2.43 0.00	287.46 4.21 -2.41	239.40 5.10 -2.41	165.14 3.50 -2.36	102.37 2.89 0.00	84.32 2.69 0.00	70.68 1.52 0.00
NEG CENTRAL___STATE_STREET 24147	74.46 1.03 0.00	62.92 0.25 0.00	58.29 0.12 0.00	51.48 0.00 0.00	51.74 -0.05 0.00	56.65 -0.17 0.00	58.57 0.23 0.00	59.62 0.30 0.00	61.80 0.61 0.00	65.21 0.65 0.00	67.72 0.94 0.00	84.40 1.41 0.00	95.78 2.06 0.00	111.29 1.97 0.00	134.52 2.90 0.00	148.96 2.78 0.00	187.83 2.78 0.00	246.55 3.64 0.00	288.28 5.34 -2.11	239.32 5.33 -2.11	165.00 3.66 -2.06	101.97 2.49 0.00	83.34 1.71 0.00	69.99 0.83 0.00
NEG MILLWOOD___DRP 24198	76.22 2.79 0.00	65.80 3.13 0.00	61.55 3.37 0.00	54.62 3.14 0.00	54.54 2.75 0.00	59.61 2.78 0.00	61.84 3.50 0.00	63.30 3.97 0.00	65.41 4.22 0.00	69.21 4.65 0.00	71.73 4.94 0.00	89.21 6.22 0.00	102.71 9.00 0.00	121.20 11.70 -0.18	145.56 14.35 0.41	163.69 16.81 -0.70	204.81 21.47 1.71	268.10 27.93 2.74	338.40 32.02 -25.55	282.15 25.04 -25.22	198.66 16.72 -22.66	108.82 8.85 -0.48	86.93 5.31 0.00	72.69 3.53 0.00
NEG NORTH_FLCN_SEA 23793	73.80 0.37 0.00	62.79 0.13 0.00	57.94 -0.23 0.00	51.53 0.05 0.00	52.16 0.36 0.00	56.94 0.11 0.00	58.11 -0.23 0.00	58.79 -0.53 0.00	60.46 -0.73 0.00	63.73 -0.84 0.00	65.72 -1.07 0.00	81.50 -1.49 0.00	90.06 -3.65 0.00	104.30 -5.03 0.00	124.91 -6.71 0.00	138.58 -7.60 0.00	176.36 -8.70 0.00	232.46 -10.44 0.00	268.76 -12.08 0.00	222.15 -9.74 0.00	152.59 -6.69 0.00	96.30 -3.18 0.00	80.73 -0.90 0.00	69.30 0.14 0.00
NEG NORTH_KES_CHATEGAY 23792	73.87 0.44 0.00	62.85 0.19 0.00	58.00 -0.17 0.00	51.27 -0.21 0.00	51.90 0.10 0.00	56.99 0.17 0.00	57.99 -0.35 0.00	58.73 -0.59 0.00	60.27 -0.92 0.00	63.53 -1.03 0.00	65.45 -1.34 0.00	81.16 -1.83 0.00	89.87 -3.84 0.00	103.97 -5.36 0.00	124.65 -6.98 0.00	138.43 -7.75 0.00	176.17 -8.88 0.00	232.22 -10.69 0.00	268.76 -12.08 0.00	222.15 -9.74 0.00	152.75 -6.53 0.00	96.30 -3.18 0.00	80.81 -0.82 0.00	69.44 0.28 0.00
NEG NORTH___ALICE_FALLS 23915	74.46 1.03 0.00	63.29 0.63 0.00	58.41 0.23 0.00	51.84 0.36 0.00	52.47 0.67 0.00	57.45 0.63 0.00	58.57 0.23 0.00	59.26 -0.06 0.00	60.95 -0.24 0.00	64.24 -0.32 0.00	66.19 -0.60 0.00	82.08 -0.91 0.00	90.62 -3.09 0.00	104.95 -4.37 0.00	125.70 -5.92 0.00	139.46 -6.72 0.00	177.47 -7.59 0.00	234.16 -8.74 0.00	270.73 -10.11 0.00	223.77 -8.12 0.00	153.86 -5.42 0.00	97.10 -2.39 0.00	81.46 -0.16 0.00	69.85 0.69 0.00
NEG NORTH___LWR_SARANAC 23913	74.46 1.03 0.00	63.29 0.63 0.00	58.41 0.23 0.00	51.84 0.36 0.00	52.47 0.67 0.00	57.45 0.63 0.00	58.57 0.23 0.00	59.26 -0.06 0.00	60.95 -0.24 0.00	64.24 -0.32 0.00	66.19 -0.60 0.00	82.08 -0.91 0.00	90.62 -3.09 0.00	104.95 -4.37 0.00	125.70 -5.92 0.00	139.46 -6.72 0.00	177.47 -7.59 0.00	234.16 -8.74 0.00	270.73 -10.11 0.00	223.77 -8.12 0.00	153.86 -5.42 0.00	97.10 -2.39 0.00	81.46 -0.16 0.00	69.85 0.69 0.00
NEG NORTH___PLATTSBURG 23628	74.46 1.03 0.00	63.29 0.63 0.00	58.41 0.23 0.00	51.79 0.31 0.00	52.47 0.67 0.00	57.45 0.63 0.00	58.40 0.06 0.00	59.26 -0.06 0.00	60.95 -0.24 0.00	64.24 -0.32 0.00	66.18 -0.60 0.00	82.08 -0.91 0.00	91.56 -2.15 0.00	104.95 -4.38 0.00	125.71 -5.92 0.00	139.31 -6.87 0.00	177.46 -7.60 0.00	234.17 -8.73 0.00	270.74 -10.10 0.00	224.00 -7.88 0.00	153.86 -5.42 0.00	97.10 -2.39 0.00	81.46 -0.16 0.00	69.85 0.69 0.00
NEG WEST_LEA_LOCKPORT 23791	74.31 0.88 0.00	61.73 -0.94 0.00	56.37 -1.80 0.00	49.52 -1.96 0.00	49.93 -1.86 0.00	54.78 -2.05 0.00	56.01 -2.33 0.00	56.48 -2.85 0.00	59.60 -1.59 0.00	63.02 -1.55 0.00	65.72 -1.07 0.00	81.66 -1.33 0.00	92.40 -1.31 0.00	105.06 -4.26 0.00	127.68 -3.95 0.00	140.04 -6.14 0.00	172.65 -12.40 0.00	225.42 -17.49 0.00	263.70 -19.66 -2.52	221.18 -13.22 -2.52	153.30 -8.44 -2.46	95.41 -4.08 0.00	79.83 -1.80 0.00	67.78 -1.38 0.00
NEG WEST___LANCASTR 23811	74.90 1.47 0.00	62.16 -0.50 0.00	57.01 -1.16 0.00	50.19 -1.29 0.00	50.55 -1.24 0.00	55.18 -1.65 0.00	57.06 -1.28 0.00	57.66 -1.66 0.00	60.76 -0.43 0.00	64.44 -0.13 0.00	67.25 0.47 0.00	83.90 0.91 0.00	95.40 1.69 0.00	109.00 -0.33 0.00	132.28 0.66 0.00	145.30 -0.88 0.00	180.24 -4.81 0.00	235.38 -7.53 0.00	275.97 -7.86 -2.99	230.70 -4.17 -2.99	159.81 -2.39 -2.92	98.79 -0.70 0.00	82.03 0.41 0.00	69.23 0.07 0.00
NEG_PENN_ALLEGHNY 23528	74.90 1.47 0.00	63.42 0.75 0.00	58.88 0.70 0.00	52.20 0.72 0.00	52.26 0.47 0.00	57.22 0.40 0.00	59.22 0.88 0.00	60.22 0.89 0.00	62.48 1.29 0.00	66.05 1.49 0.00	68.59 1.80 0.00	85.40 2.41 0.00	96.99 3.28 0.00	113.15 3.82 0.00	136.50 4.87 0.00	151.00 4.82 0.00	190.05 5.00 0.00	249.47 6.56 0.00	294.33 7.59 -5.90	244.52 6.73 -5.90	169.99 4.94 -5.77	102.97 3.28 -0.20	83.91 2.28 0.00	70.47 1.31 0.00
NEG___GEN_MONROE 24207	76.00 2.57 0.00	63.04 0.38 0.00	58.12 -0.06 0.00	51.07 -0.41 0.00	51.48 -0.31 0.00	56.31 -0.51 0.00	58.11 -0.23 0.00	58.91 -0.42 0.00	61.50 0.31 0.00	64.95 0.39 0.00	67.92 1.14 0.00	84.57 1.58 0.00	95.78 2.06 0.00	109.87 0.55 0.00	133.21 1.58 0.00	147.06 0.88 0.00	183.20 -1.85 0.00	239.99 -2.91 0.00	280.89 -1.97 -2.01	234.59 0.70 -2.01	161.89 0.64 -1.97	100.58 1.09 0.00	83.34 1.71 0.00	70.20 1.04 0.00
NEPA___ENERGY 23901	75.93 2.50 0.00	62.98 0.31 0.00	57.89 -0.29 0.00	50.96 -0.51 0.00	51.28 -0.52 0.00	55.91 -0.91 0.00	57.87 -0.47 0.00	58.67 -0.65 0.00	61.74 0.55 0.00	65.53 0.97 0.00	68.39 1.60 0.00	85.31 2.32 0.00	97.00 3.28 0.00	110.86 1.53 0.00	134.65 3.03 0.00	147.79 1.61 0.00	183.39 -1.67 0.00	239.50 -3.40 0.00	280.50 -3.37 -3.03	234.68 -0.23 -3.03	162.72 0.48 -2.96	100.48 0.99 0.00	83.34 1.71 0.00	70.20 1.04 0.00

NEVERSINK___HYD 23608	75.56 2.13 0.00	65.05 2.38 0.00	60.73 2.56 0.00	53.74 2.26 0.00	53.81 2.02 0.00	58.87 2.04 0.00	61.08 2.74 0.00	62.41 3.08 0.00	64.43 3.24 0.00	68.18 3.61 0.00	70.52 3.74 0.00	87.70 4.73 0.01	100.15 6.75 0.32	118.01 9.07 0.39	142.74 11.45 0.33	162.76 13.30 -3.28	208.65 17.39 -6.21	272.99 23.32 -6.77	319.91 26.96 -12.11	266.80 21.79 -13.13	188.80 14.49 -15.02	106.93 7.36 -0.08	86.03 4.40 0.00	71.93 2.77 0.00
NEWKRMKL_115KV_TB1 55635	73.58 0.15 0.00	63.36 0.69 0.00	59.17 0.99 0.00	52.71 1.24 0.00	52.78 0.98 0.00	57.51 0.68 0.00	59.45 1.11 0.00	60.57 1.25 0.00	62.29 1.10 0.00	65.53 0.97 0.00	67.72 0.94 0.00	84.07 1.08 0.00	95.87 2.16 0.00	112.71 3.28 -0.10	135.35 3.95 0.23	138.06 5.12 13.24	174.82 7.22 17.45	231.45 9.23 20.69	308.01 10.39 -16.78	257.56 7.88 -17.80	188.16 5.26 -23.63	105.31 2.89 -2.94	82.85 1.22 0.00	69.58 0.41 0.00
NEWTON___FALLS_HYD 23847	74.97 1.54 0.00	63.73 1.07 0.00	58.76 0.58 0.00	51.79 0.31 0.00	52.26 0.47 0.00	57.68 0.85 0.00	59.16 0.82 0.00	59.86 0.53 0.00	61.31 0.12 0.00	64.63 0.06 0.00	66.65 -0.13 0.00	82.57 -0.41 0.00	92.31 -1.41 0.00	105.28 -4.05 0.00	126.36 -5.27 0.00	139.89 -6.29 0.00	177.10 -7.96 0.00	233.43 -9.47 0.00	271.29 -9.55 0.00	226.09 -5.80 0.00	155.30 -3.98 0.00	99.39 -0.10 0.00	83.18 1.55 0.00	70.89 1.73 0.00
NGRID_A1_DSASP 323792	74.60 1.17 0.00	60.66 -2.01 0.00	56.66 -1.51 0.00	50.71 -0.77 0.00	50.19 -1.61 0.00	53.75 -3.07 0.00	55.77 -2.57 0.00	55.77 -3.56 0.00	58.93 -2.26 0.00	62.37 -2.20 0.00	65.05 -1.74 0.00	80.75 -2.24 0.00	91.38 -2.34 0.00	104.30 -5.03 0.00	126.10 -5.52 0.00	138.73 -7.45 0.00	170.62 -14.43 0.00	223.71 -19.19 0.00	257.85 -25.55 -2.56	214.74 -19.71 -2.56	150.32 -11.47 -2.51	94.61 -4.87 0.00	78.93 -2.69 0.00	66.94 -2.22 0.00
NGRID_A2_DSASP 323793	74.60 1.17 0.00	60.66 -2.01 0.00	56.66 -1.51 0.00	50.71 -0.77 0.00	50.19 -1.61 0.00	53.75 -3.07 0.00	55.77 -2.57 0.00	55.77 -3.56 0.00	58.93 -2.26 0.00	62.37 -2.20 0.00	65.05 -1.74 0.00	80.75 -2.24 0.00	91.38 -2.34 0.00	104.30 -5.03 0.00	126.10 -5.52 0.00	138.73 -7.45 0.00	170.62 -14.43 0.00	223.71 -19.19 0.00	257.85 -25.55 -2.56	214.74 -19.71 -2.56	150.32 -11.47 -2.51	94.61 -4.87 0.00	78.93 -2.69 0.00	66.94 -2.22 0.00
NGRID_A4_DSASP 323807	74.60 1.17 0.00	60.66 -2.01 0.00	56.66 -1.51 0.00	50.71 -0.77 0.00	50.19 -1.61 0.00	53.75 -3.07 0.00	55.77 -2.57 0.00	55.77 -3.56 0.00	58.93 -2.26 0.00	62.37 -2.20 0.00	65.05 -1.74 0.00	80.75 -2.24 0.00	91.38 -2.34 0.00	104.30 -5.03 0.00	126.10 -5.52 0.00	138.73 -7.45 0.00	170.62 -14.43 0.00	223.71 -19.19 0.00	257.85 -25.55 -2.56	214.74 -19.71 -2.56	150.32 -11.47 -2.51	94.61 -4.87 0.00	78.93 -2.69 0.00	66.94 -2.22 0.00
NIAGARA_115E_LBMP 323715	73.65 0.22 0.00	61.66 -1.01 0.00	55.79 -2.39 0.00	49.88 -1.60 0.00	49.41 -2.38 0.00	54.61 -2.22 0.00	55.48 -2.86 0.00	55.88 -3.44 0.00	58.99 -2.20 0.00	62.44 -2.13 0.00	65.12 -1.67 0.00	80.92 -2.07 0.00	91.56 -2.15 0.00	104.52 -4.81 0.00	126.49 -5.14 0.00	139.17 -7.01 0.00	171.36 -13.69 0.00	224.68 -18.22 0.00	259.25 -24.15 -2.57	215.89 -18.56 -2.57	150.64 -11.15 -2.51	95.01 -4.48 0.00	79.18 -2.45 0.00	67.22 -1.94 0.00
NIAGARA_115W_LBMP 323714	74.53 1.10 0.00	60.47 -2.20 0.00	56.55 -1.63 0.00	50.65 -0.83 0.00	50.13 -1.66 0.00	53.59 -3.24 0.00	55.60 -2.74 0.00	55.59 -3.74 0.00	58.74 -2.45 0.00	62.18 -2.39 0.00	64.92 -1.87 0.00	80.58 -2.41 0.00	91.09 -2.62 0.00	103.97 -5.35 0.00	125.71 -5.92 0.00	138.28 -7.90 0.00	170.07 -14.98 0.00	222.99 -19.91 0.00	257.29 -26.11 -2.56	214.27 -20.18 -2.56	150.00 -11.78 -2.50	94.42 -5.07 0.00	78.77 -2.86 0.00	66.74 -2.42 0.00
NIAGARA_230_LBMP 323716	74.38 0.95 0.00	61.35 -1.32 0.00	56.43 -1.74 0.00	50.40 -1.08 0.00	49.98 -1.81 0.00	54.38 -2.44 0.00	56.06 -2.28 0.00	56.42 -2.91 0.00	59.60 -1.59 0.00	63.08 -1.48 0.00	65.79 -1.00 0.00	81.83 -1.16 0.00	92.50 -1.22 0.00	105.72 -3.61 0.00	127.81 -3.82 0.00	140.63 -5.55 0.00	173.21 -11.85 0.00	227.12 -15.78 0.00	262.58 -20.78 -2.52	218.63 -15.78 -2.52	152.50 -9.24 -2.46	96.00 -3.48 0.00	79.91 -1.72 0.00	67.71 -1.46 0.00
NIAGARA___115KV_198_GIBSON 55903	74.53 1.10 0.00	60.47 -2.19 0.00	56.55 -1.63 0.00	49.73 -1.75 0.00	50.09 -1.71 0.00	53.58 -3.24 0.00	55.54 -2.80 0.00	55.65 -3.68 0.00	58.74 -2.45 0.00	62.18 -2.39 0.00	64.92 -1.87 0.00	80.58 -2.41 0.00	91.09 -2.62 0.00	103.53 -5.79 0.00	125.70 -5.92 0.00	137.70 -8.48 0.00	169.69 -15.36 0.00	221.29 -21.62 0.00	258.40 -24.99 -2.56	216.59 -17.86 -2.56	150.47 -11.31 -2.50	93.72 -5.77 0.00	78.52 -3.10 0.00	66.74 -2.42 0.00
NIAGARA____ 23760	74.38 0.95 0.00	61.35 -1.32 0.00	56.43 -1.74 0.00	50.40 -1.08 0.00	49.98 -1.81 0.00	54.38 -2.44 0.00	56.06 -2.28 0.00	56.42 -2.91 0.00	59.60 -1.59 0.00	63.08 -1.48 0.00	65.79 -1.00 0.00	81.83 -1.16 0.00	92.50 -1.22 0.00	105.72 -3.61 0.00	127.81 -3.82 0.00	140.63 -5.55 0.00	173.21 -11.85 0.00	227.12 -15.78 0.00	262.60 -20.78 -2.54	218.65 -15.78 -2.54	152.52 -9.24 -2.49	96.00 -3.48 0.00	79.91 -1.72 0.00	67.71 -1.46 0.00
NINE_MILE_1 23575	71.60 -1.83 0.00	60.79 -1.88 0.00	56.43 -1.74 0.00	49.98 -1.49 0.00	50.19 -1.61 0.00	54.95 -1.87 0.00	56.65 -1.69 0.00	57.60 -1.72 0.00	59.60 -1.59 0.00	62.89 -1.68 0.00	65.18 -1.60 0.00	81.08 -1.91 0.00	91.84 -1.87 0.00	107.03 -2.30 0.00	129.00 -2.63 0.00	143.10 -3.08 0.00	180.80 -4.25 0.00	237.33 -5.58 0.00	274.10 -6.74 0.00	226.56 -5.32 0.00	155.78 -3.50 0.00	97.50 -1.99 0.00	79.75 -1.87 0.00	67.30 -1.86 0.00
NINE_MILE_2 23744	71.60 -1.83 0.00	60.79 -1.88 0.00	56.43 -1.74 0.00	49.98 -1.49 0.00	50.19 -1.61 0.00	54.95 -1.87 0.00	56.65 -1.69 0.00	57.60 -1.72 0.00	59.60 -1.59 0.00	62.95 -1.61 0.00	65.18 -1.60 0.00	81.08 -1.91 0.00	91.84 -1.87 0.00	107.03 -2.30 0.00	129.00 -2.63 0.00	143.10 -3.08 0.00	180.80 -4.25 0.00	237.33 -5.58 0.00	274.10 -6.74 0.00	226.56 -5.32 0.00	155.78 -3.50 0.00	97.50 -1.99 0.00	79.75 -1.87 0.00	67.30 -1.86 0.00
NM_CAPITAL___DRP 24208	73.72 0.29 0.00	63.54 0.88 0.00	59.34 1.16 0.00	52.82 1.34 0.00	52.93 1.14 0.00	57.68 0.85 0.00	59.62 1.28 0.00	60.75 1.42 0.00	62.48 1.29 0.00	65.73 1.16 0.00	67.86 1.07 0.00	84.32 1.33 0.00	96.15 2.44 0.00	113.04 3.61 -0.11	135.74 4.34 0.23	169.34 5.55 -17.60	212.57 7.77 -19.75	275.27 9.96 -22.41	385.15 11.23 -93.07	331.84 8.58 -91.37	243.93 5.73 -78.92	105.46 3.08 -2.89	83.01 1.39 0.00	69.71 0.55 0.00
NM_CENTRAL___DRP 24181	73.06 -0.37 0.00	61.91 -0.75 0.00	57.48 -0.70 0.00	50.81 -0.67 0.00	51.07 -0.73 0.00	55.91 -0.91 0.00	57.70 -0.64 0.00	58.79 -0.53 0.00	60.95 -0.24 0.00	64.37 -0.19 0.00	66.79 0.00 0.00	83.16 0.17 0.00	94.37 0.66 0.00	109.98 0.66 0.00	132.68 1.05 0.00	147.06 0.88 0.00	185.42 0.37 0.00	243.15 0.24 0.00	281.40 0.56 0.00	232.81 0.93 0.00	159.92 0.64 0.00	99.98 0.50 0.00	81.63 0.00 0.00	68.68 -0.48 0.00

NM_FRONTIER___DRP 24179	74.53 1.10 0.00	60.47 -2.19 0.00	56.55 -1.63 0.00	49.73 -1.75 0.00	50.09 -1.71 0.00	53.58 -3.24 0.00	55.54 -2.80 0.00	55.65 -3.68 0.00	58.74 -2.45 0.00	62.18 -2.39 0.00	64.92 -1.87 0.00	80.58 -2.41 0.00	91.09 -2.62 0.00	103.53 -5.79 0.00	125.70 -5.92 0.00	137.70 -8.48 0.00	169.69 -15.36 0.00	221.29 -21.62 0.00	258.40 -24.99 -2.56	216.59 -17.86 -2.56	150.47 -11.31 -2.50	93.72 -5.77 0.00	78.52 -3.10 0.00	66.74 -2.42 0.00
NM_ST_REGIS___HYD 24053	74.53 1.10 0.00	63.36 0.69 0.00	58.41 0.23 0.00	51.53 0.05 0.00	52.16 0.36 0.00	57.56 0.74 0.00	58.57 0.23 0.00	59.21 -0.12 0.00	60.40 -0.80 0.00	63.47 -1.10 0.00	65.38 -1.40 0.00	80.91 -2.07 0.00	89.31 -4.40 0.00	101.78 -7.54 0.00	121.89 -9.74 0.00	135.07 -11.11 0.00	171.91 -13.14 0.00	226.63 -16.27 0.00	262.58 -18.25 0.00	217.74 -14.14 0.00	149.56 -9.72 0.00	95.31 -4.18 0.00	81.22 -0.41 0.00	69.99 0.83 0.00
NORTHPORT___1 23551	76.59 3.16 -0.01	67.00 4.32 -0.01	62.60 4.42 -0.01	55.45 3.96 -0.01	55.48 3.68 -0.01	60.52 3.69 -0.01	62.60 4.26 0.00	64.49 5.16 -0.01	66.83 5.63 -0.01	70.71 6.14 -0.01	67.36 3.67 3.09	76.32 4.98 11.65	85.53 8.06 16.24	116.14 10.60 3.78	133.64 13.03 11.03	148.00 14.18 12.36	174.49 17.77 28.33	229.82 23.56 36.64	232.95 26.96 74.85	182.24 21.32 70.96	149.24 14.02 24.06	105.09 5.37 -0.23	74.59 2.37 9.40	60.65 2.07 10.58
NORTHPORT___2 23552	76.59 3.16 -0.01	67.00 4.32 -0.01	62.60 4.42 -0.01	55.45 3.96 -0.01	55.48 3.68 -0.01	60.52 3.69 -0.01	62.60 4.26 0.00	64.49 5.16 -0.01	66.83 5.63 -0.01	70.71 6.14 -0.01	67.36 3.67 3.09	76.32 4.98 11.65	85.53 8.06 16.24	116.14 10.60 3.78	133.64 13.03 11.03	148.00 14.18 12.36	174.49 17.77 28.33	229.82 23.56 36.64	232.95 26.96 74.85	182.24 21.32 70.96	149.24 14.02 24.06	105.09 5.37 -0.23	74.59 2.37 9.40	60.65 2.07 10.58
NORTHPORT___3 23553	75.64 2.20 -0.01	66.31 3.63 -0.01	61.96 3.78 -0.01	54.88 3.40 -0.01	54.96 3.16 -0.01	59.96 3.12 -0.01	62.02 3.68 0.00	63.78 4.45 -0.01	66.15 4.95 -0.01	69.93 5.36 -0.01	67.09 3.40 3.10	76.06 4.81 11.74	85.10 7.69 16.30	115.85 10.39 3.86	133.48 12.91 11.05	147.74 14.62 13.05	174.69 18.32 28.68	229.96 24.29 37.23	233.33 27.81 75.32	182.38 22.04 71.55	149.00 14.02 24.30	105.08 5.37 -0.23	74.50 2.28 9.41	60.53 1.93 10.57
NORTHPORT___4 23650	75.64 2.20 -0.01	66.31 3.63 -0.01	61.96 3.78 -0.01	54.88 3.40 -0.01	54.96 3.16 -0.01	59.96 3.12 -0.01	62.02 3.68 0.00	63.78 4.45 -0.01	66.15 4.95 -0.01	69.93 5.36 -0.01	67.09 3.40 3.10	76.06 4.81 11.74	85.10 7.69 16.30	115.85 10.39 3.86	133.48 12.91 11.05	147.74 14.62 13.05	174.69 18.32 28.68	229.96 24.29 37.23	233.33 27.81 75.32	182.38 22.04 71.55	149.00 14.02 24.30	105.08 5.37 -0.23	74.50 2.28 9.41	60.53 1.93 10.57
NORTHPORT___IC 23718	76.59 3.16 0.00	66.99 4.32 0.00	62.60 4.42 0.00	55.65 4.17 0.00	55.47 3.68 0.00	60.52 3.69 0.00	62.60 4.26 0.00	64.37 5.04 0.00	66.82 5.63 0.00	70.70 6.13 0.00	67.30 3.61 3.09	76.24 4.90 11.65	85.81 8.34 16.24	116.36 10.82 3.79	133.63 13.03 11.03	147.86 14.03 12.36	174.49 17.77 28.33	229.83 23.56 36.64	232.39 26.40 74.85	181.33 20.41 70.96	148.91 13.70 24.06	105.19 5.47 -0.23	75.33 3.10 9.40	59.13 0.55 10.58
NORTH___COUNTRY_ESR 323785	73.73 0.29 0.00	62.73 0.06 0.00	57.83 -0.35 0.00	51.17 -0.31 0.00	51.79 0.00 0.00	56.88 0.06 0.00	57.81 -0.53 0.00	58.67 -0.65 0.00	60.28 -0.92 0.00	63.53 -1.04 0.00	65.52 -1.27 0.00	81.24 -1.75 0.00	90.53 -3.19 0.00	103.97 -5.35 0.00	124.65 -6.98 0.00	138.28 -7.90 0.00	176.17 -8.88 0.00	231.98 -10.93 0.00	268.49 -12.35 0.00	221.92 -9.96 0.00	152.44 -6.84 0.00	96.00 -3.48 0.00	80.56 -1.06 0.00	69.23 0.07 0.00
NPX_GEN_1385_PROXY 323591	77.25 3.16 -0.66	66.34 4.32 0.65	62.60 4.42 -0.01	55.55 4.07 -0.01	55.64 3.83 -0.01	60.70 3.87 -0.01	62.51 4.38 0.21	64.99 5.45 -0.22	66.59 5.39 -0.01	70.51 5.94 -0.01	67.70 4.01 3.09	76.73 5.39 11.65	86.00 8.53 16.24	116.70 11.16 3.78	134.29 13.69 11.03	149.03 15.20 12.36	177.81 21.09 28.33	234.43 28.16 36.64	237.99 32.00 74.85	202.49 25.51 54.90	151.30 16.08 24.06	105.69 5.97 -0.23	75.00 2.78 9.40	61.00 2.42 10.58
NPX_GEN_CSC 323557	77.91 3.82 -0.66	66.59 4.57 0.65	62.78 4.59 -0.01	55.45 3.96 -0.01	55.43 3.62 -0.01	60.41 3.58 -0.01	62.22 4.08 0.21	64.64 5.10 -0.22	66.95 5.75 -0.01	71.16 6.59 -0.01	71.60 4.81 0.00	92.65 6.81 -2.85	103.29 10.22 0.64	123.52 13.33 -0.86	172.12 16.45 -24.04	271.71 16.51 -109.02	333.16 20.54 -127.57	375.69 27.68 -105.10	332.27 31.45 -19.98	276.76 24.57 -20.31	195.10 17.52 -18.30	107.21 7.26 -0.46	84.81 3.18 0.00	65.83 2.97 6.30
NSINS_S_GLNS_FALLS 23858	77.25 3.82 0.00	66.18 3.51 0.00	61.61 3.43 0.00	54.52 3.04 0.00	54.64 2.85 0.00	59.89 3.07 0.00	62.02 3.68 0.00	63.06 3.74 0.00	64.80 3.61 0.00	67.79 3.23 0.00	69.59 2.81 0.00	86.64 3.65 0.00	98.68 4.97 0.00	115.65 6.23 -0.10	139.05 7.63 0.21	170.97 10.09 -14.70	214.93 13.51 -16.37	279.42 17.97 -18.54	410.11 22.75 -106.53	356.46 19.48 -105.09	267.27 14.02 -93.97	113.22 8.95 -4.77	87.42 5.80 0.00	73.03 3.87 0.00
NUCOR_STEEL___DRP 24197	74.53 1.10 0.00	62.98 0.31 0.00	58.41 0.23 0.00	51.58 0.10 0.00	51.85 0.05 0.00	56.77 -0.06 0.00	58.63 0.29 0.00	59.62 0.30 0.00	61.80 0.61 0.00	65.15 0.58 0.00	67.66 0.87 0.00	84.23 1.24 0.00	95.59 1.87 0.00	111.19 1.86 0.00	134.26 2.63 0.00	148.67 2.49 0.00	187.64 2.59 0.00	246.31 3.40 0.00	287.62 4.77 -2.00	238.76 4.87 -2.00	164.58 3.34 -1.96	101.78 2.29 0.00	83.18 1.55 0.00	69.92 0.76 0.00
NUMBER_THREE_WT_PWR 323818	75.71 2.28 0.00	64.23 1.57 0.00	59.28 1.10 0.00	52.30 0.82 0.00	52.57 0.78 0.00	57.90 1.08 0.00	59.80 1.46 0.00	60.63 1.30 0.00	62.54 1.34 0.00	66.31 1.74 0.00	68.46 1.67 0.00	84.90 1.91 0.00	95.96 2.25 0.00	110.10 0.77 0.00	132.42 0.79 0.00	146.03 -0.15 0.00	184.32 -0.74 0.00	242.66 -0.24 0.00	282.25 1.41 0.00	235.82 3.94 0.00	161.99 2.71 0.00	103.47 3.98 0.00	85.30 3.68 0.00	72.06 2.90 0.00
NYISO_LBMP_REFERENCE 24008	73.43 0.00 0.00	62.67 0.00 0.00	58.18 0.00 0.00	51.48 0.00 0.00	51.79 0.00 0.00	56.82 0.00 0.00	58.34 0.00 0.00	59.32 0.00 0.00	61.19 0.00 0.00	64.57 0.00 0.00	66.79 0.00 0.00	82.99 0.00 0.00	93.72 0.00 0.00	109.33 0.00 0.00	131.63 0.00 0.00	146.18 0.00 0.00	185.05 0.00 0.00	242.91 0.00 0.00	280.84 0.00 0.00	231.88 0.00 0.00	159.28 0.00 0.00	99.49 0.00 0.00	81.63 0.00 0.00	69.16 0.00 0.00
NYPA_BRENTWD____GT 24164	78.21 4.77 -0.01	68.06 5.39 -0.01	63.60 5.41 -0.01	56.22 4.73 -0.01	56.26 4.45 -0.01	61.38 4.55 -0.01	63.48 5.14 0.00	65.39 6.05 -0.01	67.81 6.61 -0.01	71.93 7.36 -0.01	72.30 5.48 -0.03	93.51 7.14 -3.39	103.68 10.49 0.53	123.14 12.89 -0.92	171.71 15.92 -24.17	274.41 17.53 -110.70	335.80 22.01 -128.73	378.74 29.38 -106.45	335.40 33.69 -20.87	279.95 26.66 -21.41	195.28 17.52 -18.48	107.42 7.47 -0.46	86.22 4.57 -0.03	66.92 3.87 6.11

NYPA_GOWANUS____GT5 24156	75.26 1.84 0.01	65.23 2.57 0.01	61.08 2.91 0.01	54.15 2.68 0.00	54.54 2.74 0.00	59.15 2.33 0.01	61.48 3.15 0.01	62.94 3.62 0.01	65.90 4.71 0.01	69.21 4.65 0.01	71.79 5.01 0.01	89.87 6.14 -0.74	107.80 8.81 -5.28	133.01 11.58 -12.11	169.00 14.09 -23.28	273.85 15.94 -111.73	316.77 20.36 -111.36	380.35 26.48 -110.96	337.98 31.17 -25.98	282.33 24.82 -25.62	198.41 16.25 -22.88	102.03 7.26 4.72	86.02 4.40 0.01	65.55 2.63 6.24
NYPA_GOWANUS____GT6 24157	75.26 1.84 0.01	65.23 2.57 0.01	61.08 2.91 0.01	54.15 2.68 0.00	54.54 2.74 0.00	59.15 2.33 0.01	61.48 3.15 0.01	62.94 3.62 0.01	65.90 4.71 0.01	69.21 4.65 0.01	71.79 5.01 0.01	89.87 6.14 -0.74	107.80 8.81 -5.28	133.01 11.58 -12.11	169.00 14.09 -23.28	273.85 15.94 -111.73	316.77 20.36 -111.36	380.35 26.48 -110.96	337.98 31.17 -25.98	282.33 24.82 -25.62	198.41 16.25 -22.88	102.03 7.26 4.72	86.02 4.40 0.01	65.55 2.63 6.24
NYPA_HARLEM__RVR__GT1 24160	74.76 1.32 -0.01	65.05 2.38 -0.01	61.08 2.91 0.01	54.21 2.73 0.00	54.54 2.74 0.00	59.15 2.33 0.01	61.36 3.03 0.01	62.94 3.62 0.00	65.28 4.10 0.01	68.88 4.33 0.01	71.38 4.60 0.01	88.93 5.56 -0.38	101.52 8.62 0.81	120.66 11.37 0.03	168.35 13.43 -23.30	273.27 15.34 -111.75	333.33 19.61 -128.67	379.38 25.50 -110.98	335.76 28.93 -25.99	280.48 22.96 -25.64	197.31 15.14 -22.89	106.82 6.86 -0.47	85.55 3.92 -0.01	71.45 2.28 -0.01
NYPA_HARLEM__RVR__GT2 24161	74.76 1.32 -0.01	65.05 2.38 -0.01	61.08 2.91 0.01	54.21 2.73 0.00	54.54 2.74 0.00	59.15 2.33 0.01	61.36 3.03 0.01	62.94 3.62 0.00	65.28 4.10 0.01	68.88 4.33 0.01	71.38 4.60 0.01	88.93 5.56 -0.38	101.52 8.62 0.81	120.66 11.37 0.03	168.35 13.43 -23.30	273.27 15.34 -111.75	333.33 19.61 -128.67	379.38 25.50 -110.98	335.76 28.93 -25.99	280.48 22.96 -25.64	197.31 15.14 -22.89	106.82 6.86 -0.47	85.55 3.92 -0.01	71.45 2.28 -0.01
NYPA_KENT____GT 24152	71.55 1.69 3.57	65.23 2.57 0.01	61.08 2.91 0.01	54.26 2.78 0.00	54.54 2.74 0.00	59.15 2.33 0.01	61.48 3.15 0.01	63.01 3.68 -0.01	65.78 4.59 0.01	69.14 4.58 0.01	71.65 4.87 0.01	99.42 5.98 -10.45	84.08 8.81 18.45	73.94 11.58 46.97	168.85 13.95 -23.28	273.71 15.79 -111.73	316.59 20.17 -111.36	379.87 26.00 -110.96	337.15 30.34 -25.98	281.62 24.12 -25.62	198.08 15.93 -22.88	101.94 7.17 4.72	82.53 4.16 3.26	65.41 2.49 6.24
NYPA_POUCH1____GT 24155	57.01 1.39 17.81	56.12 2.25 8.80	54.50 2.56 6.23	53.90 2.42 0.00	54.33 2.54 0.00	54.36 1.99 4.45	54.35 2.80 6.79	54.57 3.26 8.02	56.85 4.35 8.69	58.47 4.33 10.42	60.53 4.67 10.93	84.27 5.65 4.36	100.60 8.34 1.45	120.48 10.93 -0.22	158.38 13.43 -13.32	238.13 15.06 -76.89	315.66 19.24 -111.36	379.13 25.26 -110.96	336.88 30.06 -25.98	281.62 24.12 -25.62	197.93 15.77 -22.88	101.30 6.86 5.05	72.75 4.00 12.88	62.67 2.28 8.77
NYPA_VERNON____GT2 24162	67.85 1.54 7.13	65.17 2.51 0.01	61.13 2.97 0.01	54.31 2.83 0.00	54.54 2.74 0.00	59.20 2.39 0.01	61.54 3.21 0.01	63.07 3.74 0.00	65.59 4.41 0.01	69.01 4.45 0.01	71.52 4.74 0.01	91.92 5.81 -3.12	94.70 8.81 7.82	101.68 11.58 19.22	168.59 13.69 -23.28	273.71 15.79 -111.73	316.59 20.17 -111.36	379.87 26.00 -110.96	336.88 30.06 -25.98	281.39 23.89 -25.62	197.78 15.62 -22.88	101.83 7.06 4.72	79.11 4.00 6.51	65.34 2.42 6.24
NYPA_VERNON____GT3 24163	67.85 1.54 7.13	65.17 2.51 0.01	61.13 2.97 0.01	54.31 2.83 0.00	54.54 2.74 0.00	59.20 2.39 0.01	61.54 3.21 0.01	63.07 3.74 0.00	65.59 4.41 0.01	69.01 4.45 0.01	71.52 4.74 0.01	91.92 5.81 -3.12	94.70 8.81 7.82	101.68 11.58 19.22	168.59 13.69 -23.28	273.71 15.79 -111.73	316.59 20.17 -111.36	379.87 26.00 -110.96	336.88 30.06 -25.98	281.39 23.89 -25.62	197.78 15.62 -22.88	101.83 7.06 4.72	79.11 4.00 6.51	65.34 2.42 6.24
NYPA____ASTORIA_CC1 323568	66.12 1.25 8.56	64.98 2.32 0.01	60.96 2.79 0.01	54.21 2.73 0.00	54.49 2.69 0.00	59.03 2.21 0.01	61.36 3.03 0.01	62.83 3.50 0.00	65.40 4.22 0.01	68.82 4.26 0.01	71.25 4.48 0.01	88.66 5.48 -0.20	98.35 8.53 3.89	111.77 11.26 8.82	168.19 13.29 -23.28	273.12 15.20 -111.73	315.84 19.43 -111.36	378.89 25.02 -110.96	336.02 29.21 -25.98	280.47 22.96 -25.62	197.30 15.14 -22.88	101.54 6.77 4.72	77.56 3.76 7.82	65.13 2.21 6.24
NYPA____ASTORIA_CC2 323569	66.12 1.25 8.56	64.98 2.32 0.01	60.96 2.79 0.01	54.21 2.73 0.00	54.49 2.69 0.00	59.03 2.21 0.01	61.36 3.03 0.01	62.83 3.50 0.00	65.40 4.22 0.01	68.82 4.26 0.01	71.25 4.48 0.01	88.66 5.48 -0.20	98.35 8.53 3.89	111.77 11.26 8.82	168.19 13.29 -23.28	273.12 15.20 -111.73	315.84 19.43 -111.36	378.89 25.02 -110.96	336.02 29.21 -25.98	280.47 22.96 -25.62	197.30 15.14 -22.88	101.54 6.77 4.72	77.56 3.76 7.82	65.13 2.21 6.24
NYPA____HOLTSVILL 23794	77.33 3.89 -0.01	67.38 4.70 -0.01	62.96 4.77 -0.01	55.61 4.12 -0.01	55.64 3.83 -0.01	60.70 3.87 -0.01	62.77 4.43 0.00	64.67 5.34 -0.01	67.13 5.93 -0.01	71.23 6.65 -0.01	71.40 4.60 0.00	92.28 6.48 -2.82	102.72 9.65 0.65	122.76 12.57 -0.87	171.06 15.39 -24.04	271.17 16.08 -108.91	332.73 20.17 -127.50	374.89 26.96 -105.02	331.66 30.89 -19.93	276.25 24.12 -20.25	194.30 16.72 -18.30	107.02 7.06 -0.46	84.97 3.35 0.00	65.96 3.12 6.32
NYPA____HELLGATE_GT1 24158	74.76 1.32 -0.01	65.05 2.38 -0.01	61.08 2.91 0.01	54.21 2.73 0.00	54.54 2.74 0.00	59.15 2.33 0.01	61.36 3.03 0.01	62.94 3.62 0.00	65.28 4.10 0.01	68.88 4.33 0.01	71.38 4.60 0.01	88.93 5.56 -0.38	101.52 8.62 0.81	120.66 11.37 0.03	168.35 13.43 -23.30	273.27 15.34 -111.75	333.33 19.61 -128.67	379.38 25.50 -110.98	335.76 28.93 -25.99	280.48 22.96 -25.64	197.31 15.14 -22.89	106.82 6.86 -0.47	85.55 3.92 -0.01	71.45 2.28 -0.01
NYPA____HELLGATE_GT2 24159	74.76 1.32 -0.01	65.05 2.38 -0.01	61.08 2.91 0.01	54.21 2.73 0.00	54.54 2.74 0.00	59.15 2.33 0.01	61.36 3.03 0.01	62.94 3.62 0.00	65.28 4.10 0.01	68.88 4.33 0.01	71.38 4.60 0.01	88.93 5.56 -0.38	101.52 8.62 0.81	120.66 11.37 0.03	168.35 13.43 -23.30	273.27 15.34 -111.75	333.33 19.61 -128.67	379.38 25.50 -110.98	335.76 28.93 -25.99	280.48 22.96 -25.64	197.31 15.14 -22.89	106.82 6.86 -0.47	85.55 3.92 -0.01	71.45 2.28 -0.01
NYS_BARGE____HYD 23848	74.53 1.10 0.00	62.04 -0.63 0.00	56.55 -1.63 0.00	50.50 -0.98 0.00	50.09 -1.71 0.00	55.06 -1.76 0.00	56.30 -2.04 0.00	56.66 -2.67 0.00	59.79 -1.40 0.00	63.21 -1.36 0.00	65.92 -0.87 0.00	81.91 -1.08 0.00	92.78 -0.94 0.00	105.94 -3.39 0.00	128.20 -3.42 0.00	141.21 -4.97 0.00	173.96 -11.10 0.00	228.34 -14.57 0.00	263.67 -19.67 -2.49	219.53 -14.85 -2.49	153.12 -8.60 -2.44	96.51 -2.98 0.00	80.24 -1.39 0.00	67.98 -1.18 0.00
OAK ORCHARD____HYD 24046	75.34 1.91 0.00	62.67 0.00 0.00	57.77 -0.40 0.00	51.38 -0.10 0.00	51.28 -0.52 0.00	55.97 -0.85 0.00	57.87 -0.47 0.00	58.73 -0.59 0.00	61.44 0.25 0.00	65.02 0.46 0.00	67.85 1.07 0.00	84.40 1.41 0.00	95.59 1.87 0.00	110.20 0.87 0.00	133.21 1.59 0.00	147.34 1.16 0.00	183.95 -1.10 0.00	241.46 -1.45 0.00	277.76 -3.08 0.00	230.02 -1.86 0.00	158.65 -0.63 0.00	100.38 0.89 0.00	82.68 1.06 0.00	69.58 0.42 0.00

OAKDALE___35_KV_LOAD 356122	74.53 1.10 0.00	63.17 0.50 0.00	58.58 0.41 0.00	51.84 0.36 0.00	52.05 0.26 0.00	56.94 0.11 0.00	58.92 0.58 0.00	59.92 0.59 0.00	62.17 0.98 0.00	65.66 1.10 0.00	68.19 1.40 0.00	84.90 1.91 0.00	96.62 2.91 0.00	112.28 2.95 0.00	135.71 4.08 0.00	149.98 3.80 0.00	188.75 3.70 0.00	247.52 4.62 0.00	292.72 5.90 -5.99	243.44 5.57 -5.99	169.12 3.98 -5.85	102.29 2.59 -0.21	83.42 1.80 0.00	70.06 0.90 0.00
OCC_CHEM___DRP 24175	74.61 1.17 0.00	60.66 -2.01 0.00	56.66 -1.51 0.00	49.78 -1.70 0.00	50.19 -1.61 0.00	53.76 -3.07 0.00	55.66 -2.68 0.00	55.76 -3.56 0.00	58.93 -2.26 0.00	62.37 -2.20 0.00	65.05 -1.74 0.00	80.75 -2.24 0.00	91.28 -2.44 0.00	103.75 -5.58 0.00	125.97 -5.66 0.00	138.14 -8.04 0.00	170.06 -14.99 0.00	221.77 -21.13 0.00	259.25 -24.15 -2.56	217.29 -17.16 -2.56	150.96 -10.83 -2.51	93.92 -5.57 0.00	78.77 -2.86 0.00	66.95 -2.21 0.00
OH_GEN_PROXY 24063	74.97 0.88 -0.66	60.69 -1.32 0.66	56.43 -1.74 0.00	50.40 -1.08 0.00	49.98 -1.81 0.00	54.38 -2.44 0.00	55.86 -2.28 0.21	56.74 -2.79 -0.21	59.66 -1.53 0.00	63.21 -1.36 0.00	65.92 -0.87 0.00	82.00 -0.99 0.00	92.78 -0.94 0.00	106.05 -3.28 0.00	128.20 -3.42 0.00	141.06 -5.12 0.00	173.96 -11.10 0.00	228.08 -14.83 0.00	263.70 -19.67 -2.53	219.57 -14.85 -2.53	153.15 -8.60 -2.47	96.30 -3.19 0.00	80.07 -1.55 0.00	67.78 -1.38 0.00
OLIN_CORP_DRP 24177	73.87 0.44 0.00	61.73 -0.94 0.00	55.97 -2.21 0.00	49.16 -2.32 0.00	49.57 -2.23 0.00	54.66 -2.16 0.00	55.54 -2.80 0.00	56.00 -3.32 0.00	59.17 -2.02 0.00	62.56 -2.00 0.00	65.32 -1.47 0.00	81.16 -1.83 0.00	91.75 -1.97 0.00	104.30 -5.03 0.00	126.76 -4.87 0.00	138.87 -7.31 0.00	171.17 -13.88 0.00	223.47 -19.43 0.00	261.24 -22.19 -2.59	218.94 -15.54 -2.59	151.94 -9.88 -2.53	94.61 -4.87 0.00	79.18 -2.45 0.00	67.43 -1.73 0.00
OLIN_CORP_DSASP 323712	74.60 1.17 0.00	60.66 -2.01 0.00	56.66 -1.51 0.00	50.71 -0.77 0.00	50.19 -1.61 0.00	53.75 -3.07 0.00	55.77 -2.57 0.00	55.77 -3.56 0.00	58.93 -2.26 0.00	62.37 -2.20 0.00	65.05 -1.74 0.00	80.75 -2.24 0.00	91.38 -2.34 0.00	104.30 -5.03 0.00	126.10 -5.52 0.00	138.73 -7.45 0.00	170.62 -14.43 0.00	223.71 -19.19 0.00	257.85 -25.55 -2.56	214.74 -19.71 -2.56	150.32 -11.47 -2.51	94.61 -4.87 0.00	78.93 -2.69 0.00	66.94 -2.22 0.00
ONEIDA_HERK_LFGE 323681	75.48 2.05 0.00	64.23 1.57 0.00	59.52 1.34 0.00	52.56 1.08 0.00	52.78 0.98 0.00	58.02 1.20 0.00	59.92 1.58 0.00	60.93 1.60 0.00	62.84 1.65 0.00	66.44 1.87 0.00	68.73 1.94 0.00	85.40 2.41 0.00	96.62 2.91 0.00	112.28 2.95 0.00	135.18 3.56 0.00	149.84 3.66 0.00	189.31 4.26 0.00	248.73 5.82 0.00	288.42 7.59 0.00	239.53 7.64 0.00	164.53 5.25 0.00	103.76 4.28 0.00	84.73 3.10 0.00	71.44 2.28 0.00
ONEIDA___115KV_TB4 55905	75.27 1.84 0.00	63.98 1.32 0.00	59.34 1.16 0.00	52.46 0.98 0.00	52.67 0.88 0.00	57.79 0.97 0.00	59.74 1.40 0.00	60.75 1.42 0.00	62.78 1.59 0.00	66.24 1.68 0.00	68.59 1.80 0.00	85.31 2.32 0.00	96.81 3.09 0.00	113.04 3.72 0.00	136.37 4.74 0.00	151.30 5.12 0.00	191.16 6.11 0.00	251.16 8.26 0.00	290.95 10.11 0.00	241.62 9.74 0.00	165.65 6.37 0.00	103.86 4.38 0.00	84.40 2.78 0.00	71.03 1.87 0.00
ONONDAGA_REF_OCCRA 23987	73.36 -0.07 0.00	62.23 -0.44 0.00	57.71 -0.47 0.00	51.02 -0.46 0.00	51.28 -0.52 0.00	56.14 -0.68 0.00	57.99 -0.35 0.00	59.03 -0.30 0.00	61.19 0.00 0.00	64.57 0.00 0.00	66.99 0.20 0.00	83.40 0.41 0.00	94.75 1.03 0.00	110.42 1.09 0.00	133.21 1.58 0.00	147.64 1.46 0.00	186.35 1.30 0.00	244.36 1.46 0.00	283.09 2.25 0.00	234.20 2.32 0.00	160.87 1.59 0.00	100.48 0.99 0.00	82.03 0.41 0.00	69.02 -0.14 0.00
ONONDAGA___COGEN 23986	73.21 -0.22 0.00	62.10 -0.56 0.00	57.59 -0.58 0.00	50.91 -0.57 0.00	51.12 -0.67 0.00	55.97 -0.85 0.00	57.81 -0.53 0.00	58.85 -0.47 0.00	60.95 -0.24 0.00	64.37 -0.19 0.00	66.79 0.00 0.00	83.16 0.17 0.00	94.28 0.56 0.00	109.87 0.55 0.00	132.68 1.05 0.00	146.91 0.73 0.00	185.61 0.56 0.00	243.39 0.49 0.00	281.68 0.84 0.00	233.04 1.16 0.00	160.08 0.80 0.00	100.08 0.60 0.00	81.79 0.16 0.00	68.81 -0.35 0.00
ONTARIO___LFGE 23819	75.63 2.20 0.00	63.42 0.75 0.00	58.59 0.41 0.00	51.99 0.51 0.00	52.00 0.21 0.00	56.88 0.06 0.00	58.98 0.64 0.00	59.92 0.59 0.00	62.29 1.10 0.00	65.79 1.22 0.00	68.46 1.67 0.00	85.31 2.32 0.00	96.62 2.91 0.00	111.40 2.07 0.00	134.66 3.03 0.00	148.81 2.63 0.00	187.09 2.04 0.00	246.05 3.15 0.00	287.18 3.93 -2.41	238.47 4.18 -2.41	164.82 3.18 -2.36	102.67 3.18 0.00	84.32 2.69 0.00	70.68 1.52 0.00
ORANGEVILLE_WT_PWR 323706	75.63 2.20 0.00	62.79 0.13 0.00	57.71 -0.47 0.00	51.43 -0.05 0.00	51.18 -0.62 0.00	55.80 -1.02 0.00	57.64 -0.70 0.00	58.08 -1.25 0.00	60.83 -0.36 0.00	64.37 -0.19 0.00	67.06 0.27 0.00	83.49 0.50 0.00	94.56 0.84 0.00	108.57 -0.76 0.00	131.36 -0.26 0.00	144.58 -1.60 0.00	179.32 -5.74 0.00	235.37 -7.53 0.00	274.44 -9.55 -3.15	229.25 -5.79 -3.15	159.97 -2.38 -3.08	99.79 0.30 0.00	82.53 0.90 0.00	69.65 0.49 0.00
ORANGEVILLE___ESR 323794	75.63 2.20 0.00	62.79 0.13 0.00	57.71 -0.47 0.00	51.43 -0.05 0.00	51.18 -0.62 0.00	55.80 -1.02 0.00	57.64 -0.70 0.00	58.08 -1.25 0.00	60.83 -0.36 0.00	64.37 -0.19 0.00	67.06 0.27 0.00	83.49 0.50 0.00	94.56 0.84 0.00	108.57 -0.76 0.00	131.36 -0.26 0.00	144.58 -1.60 0.00	179.32 -5.74 0.00	235.37 -7.53 0.00	274.44 -9.55 -3.15	229.25 -5.79 -3.15	159.97 -2.38 -3.08	99.79 0.30 0.00	82.53 0.90 0.00	69.65 0.49 0.00
OSWEGATCHIE___HYD 24044	74.98 1.54 0.00	63.73 1.06 0.00	58.76 0.58 0.00	51.79 0.31 0.00	52.26 0.47 0.00	57.68 0.85 0.00	59.16 0.82 0.00	59.86 0.53 0.00	61.31 0.12 0.00	64.63 0.06 0.00	66.65 -0.13 0.00	82.58 -0.41 0.00	92.69 -1.03 0.00	105.28 -4.04 0.00	126.36 -5.27 0.00	139.90 -6.28 0.00	177.10 -7.95 0.00	233.43 -9.48 0.00	271.29 -9.55 0.00	226.10 -5.79 0.00	155.30 -3.98 0.00	99.39 -0.10 0.00	83.17 1.55 0.00	70.89 1.73 0.00
OSWEGO___5 23606	72.18 -1.25 0.00	61.29 -1.38 0.00	56.90 -1.28 0.00	50.40 -1.08 0.00	50.55 -1.24 0.00	55.41 -1.42 0.00	57.11 -1.23 0.00	58.08 -1.25 0.00	60.09 -1.10 0.00	63.41 -1.16 0.00	65.72 -1.07 0.00	81.75 -1.24 0.00	92.60 -1.12 0.00	107.90 -1.42 0.00	130.18 -1.45 0.00	144.28 -1.90 0.00	182.28 -2.77 0.00	239.27 -3.64 0.00	276.33 -4.50 0.00	228.41 -3.47 0.00	157.05 -2.23 0.00	98.30 -1.19 0.00	80.40 -1.22 0.00	67.84 -1.32 0.00
OSWEGO___6 23613	72.18 -1.25 0.00	61.29 -1.38 0.00	56.90 -1.28 0.00	50.40 -1.08 0.00	50.55 -1.24 0.00	55.41 -1.42 0.00	57.11 -1.23 0.00	58.08 -1.25 0.00	60.09 -1.10 0.00	63.41 -1.16 0.00	65.72 -1.07 0.00	81.75 -1.24 0.00	92.60 -1.12 0.00	107.90 -1.42 0.00	130.18 -1.45 0.00	144.28 -1.90 0.00	182.28 -2.77 0.00	239.27 -3.64 0.00	276.33 -4.50 0.00	228.41 -3.47 0.00	157.05 -2.23 0.00	98.30 -1.19 0.00	80.40 -1.22 0.00	67.84 -1.32 0.00

OUTOKUMPU-AB___DRP 24206	75.71 2.28 0.00	62.29 -0.38 0.00	57.59 -0.58 0.00	50.60 -0.88 0.00	51.02 -0.78 0.00	55.35 -1.48 0.00	57.06 -1.28 0.00	57.25 -2.08 0.00	60.46 -0.73 0.00	63.98 -0.58 0.00	66.79 0.00 0.00	82.91 -0.08 0.00	93.90 0.19 0.00	106.81 -2.51 0.00	129.78 -1.84 0.00	142.38 -3.80 0.00	175.80 -9.25 0.00	229.30 -13.60 0.00	268.29 -15.17 -2.62	224.77 -9.74 -2.62	155.63 -6.21 -2.56	96.80 -2.69 0.00	80.89 -0.73 0.00	68.75 -0.41 0.00
OXBOW___BTM 323836	75.34 1.91 0.00	61.66 -1.01 0.00	57.24 -0.93 0.00	51.22 -0.26 0.00	50.70 -1.09 0.00	54.66 -2.16 0.00	56.59 -1.75 0.00	56.66 -2.67 0.00	59.85 -1.35 0.00	63.34 -1.23 0.00	66.12 -0.67 0.00	81.66 -1.33 0.00	92.40 -1.31 0.00	105.50 -3.83 0.00	127.68 -3.95 0.00	140.48 -5.70 0.00	173.03 -12.03 0.00	226.87 -16.04 0.00	262.08 -21.36 -2.59	218.02 -16.46 -2.59	152.26 -9.55 -2.53	95.81 -3.68 0.00	80.32 -1.31 0.00	67.98 -1.18 0.00
OXBOW___ 24026	75.34 1.91 0.00	61.66 -1.00 0.00	57.25 -0.93 0.00	50.29 -1.18 0.00	50.71 -1.09 0.00	54.66 -2.16 0.00	56.47 -1.87 0.00	56.65 -2.67 0.00	59.85 -1.35 0.00	63.34 -1.23 0.00	66.12 -0.67 0.00	81.66 -1.33 0.00	92.40 -1.31 0.00	105.06 -4.26 0.00	127.55 -4.08 0.00	139.89 -6.29 0.00	172.47 -12.58 0.00	225.17 -17.73 0.00	263.21 -20.22 -2.59	220.56 -13.91 -2.59	152.90 -8.92 -2.53	95.11 -4.38 0.00	79.58 -2.04 0.00	68.05 -1.11 0.00
OXY_CHEM_DSASP 323612	74.61 1.17 0.00	60.66 -2.01 0.00	56.66 -1.51 0.00	49.78 -1.70 0.00	50.19 -1.61 0.00	53.76 -3.07 0.00	55.66 -2.68 0.00	55.76 -3.56 0.00	58.93 -2.26 0.00	62.37 -2.20 0.00	65.05 -1.74 0.00	80.75 -2.24 0.00	91.28 -2.44 0.00	103.75 -5.58 0.00	125.97 -5.66 0.00	138.14 -8.04 0.00	170.06 -14.99 0.00	221.77 -21.13 0.00	259.25 -24.15 -2.56	217.29 -17.16 -2.56	150.96 -10.83 -2.51	93.92 -5.57 0.00	78.77 -2.86 0.00	66.95 -2.21 0.00
OZONE_PARK_ESR 323760	76.37 2.94 0.00	66.36 3.70 0.00	62.19 4.01 0.00	55.39 3.91 0.00	55.21 3.42 0.00	60.23 3.41 0.00	62.60 4.26 0.00	64.07 4.75 0.00	66.39 5.20 0.00	70.31 5.75 0.00	72.86 6.08 0.00	90.46 7.47 0.00	104.68 10.96 0.00	125.41 13.78 -2.31	171.75 16.85 -23.27	277.13 19.30 -111.65	337.98 24.43 -128.50	385.74 32.06 -110.77	343.05 36.23 -25.98	286.03 28.52 -25.63	201.60 19.43 -22.88	109.50 9.55 -0.47	87.42 5.80 0.00	73.03 3.87 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	74.61 1.17 0.00	60.66 -2.01 0.00	56.66 -1.51 0.00	49.78 -1.70 0.00	50.19 -1.61 0.00	53.76 -3.07 0.00	55.66 -2.68 0.00	55.76 -3.56 0.00	58.93 -2.26 0.00	62.37 -2.20 0.00	65.05 -1.74 0.00	80.75 -2.24 0.00	91.28 -2.44 0.00	103.75 -5.58 0.00	125.97 -5.66 0.00	138.14 -8.04 0.00	170.06 -14.99 0.00	221.77 -21.13 0.00	259.25 -24.15 -2.56	217.29 -17.16 -2.56	150.96 -10.83 -2.51	93.92 -5.57 0.00	78.77 -2.86 0.00	66.95 -2.21 0.00
PACKARD__115KV_DUPONT_184 80571	74.61 1.17 0.00	60.66 -2.01 0.00	56.66 -1.51 0.00	49.78 -1.70 0.00	50.19 -1.61 0.00	53.76 -3.07 0.00	55.66 -2.68 0.00	55.76 -3.56 0.00	58.93 -2.26 0.00	62.37 -2.20 0.00	65.05 -1.74 0.00	80.75 -2.24 0.00	91.28 -2.44 0.00	103.75 -5.58 0.00	125.97 -5.66 0.00	138.14 -8.04 0.00	170.06 -14.99 0.00	221.77 -21.13 0.00	259.25 -24.15 -2.56	217.29 -17.16 -2.56	150.96 -10.83 -2.51	93.92 -5.57 0.00	78.77 -2.86 0.00	66.95 -2.21 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	74.98 1.54 -0.01	65.19 2.51 -0.02	61.14 2.97 0.00	54.82 3.35 0.00	54.59 2.80 0.00	59.21 2.39 0.00	61.43 3.09 0.00	63.18 3.86 0.00	65.11 3.92 0.00	68.96 4.39 0.00	71.33 4.54 0.00	89.28 5.89 -0.39	101.79 8.90 0.83	120.48 11.26 0.11	168.49 13.56 -23.30	273.58 15.64 -111.76	333.70 19.99 -128.67	379.88 25.99 -110.98	335.76 28.93 -26.00	280.25 22.72 -25.64	197.47 15.29 -22.90	107.22 7.26 -0.47	85.63 4.00 -0.01	71.66 2.49 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	76.67 3.23 -0.01	66.69 4.01 -0.02	62.48 4.31 0.00	56.01 4.53 0.00	55.78 3.99 0.00	60.46 3.64 0.00	62.66 4.32 0.00	64.37 5.04 0.00	66.39 5.20 0.00	70.31 5.75 0.00	72.80 6.01 0.00	91.02 7.64 -0.39	103.85 10.96 0.83	122.88 13.67 0.11	171.38 16.45 -23.30	276.94 19.00 -111.76	337.96 24.24 -128.67	385.47 31.58 -110.98	342.79 35.95 -26.00	286.05 28.52 -25.64	201.45 19.27 -22.90	109.61 9.65 -0.47	87.59 5.96 -0.01	73.32 4.15 -0.01
PATROON__115KV_TB1 80586	73.87 0.44 0.00	63.61 0.94 0.00	59.40 1.22 0.00	52.87 1.39 0.00	52.99 1.19 0.00	57.73 0.91 0.00	59.68 1.34 0.00	60.81 1.48 0.00	62.54 1.35 0.00	65.79 1.23 0.00	67.99 1.20 0.00	84.40 1.41 0.00	96.25 2.53 0.00	113.15 3.72 -0.10	135.88 4.48 0.22	153.94 5.85 -1.91	194.04 8.14 -0.85	253.63 10.20 -0.52	349.44 11.51 -57.09	297.47 8.81 -56.77	218.74 5.89 -53.57	105.95 3.28 -3.17	83.18 1.55 0.00	69.85 0.69 0.00
PATTRSNVILLE___SOLAR 323815	76.00 2.57 0.00	65.11 2.44 0.00	60.68 2.50 0.00	53.74 2.26 0.00	53.92 2.12 0.00	59.10 2.28 0.00	60.97 2.63 0.00	61.76 2.43 0.00	63.33 2.14 0.00	66.50 1.94 0.00	68.59 1.80 0.00	85.31 2.32 0.00	97.08 3.37 0.00	114.22 4.80 -0.09	137.50 6.06 0.19	161.26 7.31 -7.78	202.64 9.43 -8.16	264.83 12.87 -9.06	389.25 16.28 -92.13	337.58 14.38 -91.32	253.64 10.04 -84.32	110.74 6.17 -5.08	85.54 3.92 0.00	71.79 2.63 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	75.63 2.20 0.00	62.67 0.00 0.00	57.42 -0.76 0.00	50.50 -0.98 0.00	50.86 -0.93 0.00	55.57 -1.25 0.00	57.41 -0.93 0.00	58.02 -1.31 0.00	61.19 0.00 0.00	64.89 0.32 0.00	67.79 1.00 0.00	84.57 1.58 0.00	95.97 2.25 0.00	109.55 0.22 0.00	133.07 1.45 0.00	146.18 0.00 0.00	181.17 -3.89 0.00	236.59 -6.32 0.00	277.27 -6.46 -2.89	231.76 -3.01 -2.89	160.35 -1.75 -2.82	99.29 -0.20 0.00	82.52 0.90 0.00	69.71 0.55 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	76.22 2.79 0.00	65.80 3.13 0.00	61.55 3.37 0.00	54.62 3.14 0.00	54.54 2.75 0.00	59.61 2.78 0.00	61.84 3.50 0.00	63.30 3.97 0.00	65.41 4.22 0.00	69.21 4.65 0.00	71.73 4.94 0.00	89.21 6.22 0.00	102.71 9.00 0.00	121.20 11.70 -0.18	145.56 14.35 0.41	163.69 16.81 -0.70	204.81 21.47 1.71	268.10 27.93 2.74	338.40 32.02 -25.55	282.15 25.04 -25.22	198.66 16.72 -22.66	108.82 8.85 -0.48	86.93 5.31 0.00	72.69 3.53 0.00
PEEKSKILL___ 23653	75.12 1.69 0.00	65.05 2.38 0.00	60.91 2.73 0.00	53.95 2.47 0.00	54.07 2.28 0.00	59.04 2.21 0.00	61.26 2.92 0.00	62.70 3.38 0.00	64.86 3.67 0.00	68.70 4.14 0.00	71.07 4.28 0.00	88.38 5.39 0.00	101.49 7.77 0.00	121.65 10.50 -1.83	163.33 12.91 -18.80	251.99 14.76 -91.05	309.23 18.88 -105.29	358.90 24.52 -91.47	334.56 28.08 -25.64	279.44 22.26 -25.29	196.53 14.64 -22.60	106.81 6.86 -0.46	85.62 4.00 0.00	71.58 2.42 0.00
PGE MADISON___WINDPWR 24146	80.84 7.41 0.00	68.31 5.64 0.00	63.24 5.06 0.00	55.96 4.48 0.00	55.99 4.19 0.00	61.54 4.71 0.00	64.12 5.78 0.00	65.02 5.70 0.00	67.13 5.93 0.00	70.63 6.07 0.00	73.14 6.35 0.00	90.96 7.97 0.00	103.18 9.46 0.00	120.70 11.37 0.00	145.72 14.09 0.00	161.83 15.65 0.00	204.12 19.06 0.00	268.91 26.00 0.00	320.05 32.00 -7.21	267.84 28.75 -7.21	185.76 19.43 -7.05	112.63 12.84 -0.30	90.44 8.82 0.00	75.66 6.50 0.00

PIERCEFIELD___HYD 23852	74.39 0.95 0.00	63.29 0.63 0.00	58.29 0.12 0.00	51.43 -0.05 0.00	52.05 0.26 0.00	57.51 0.68 0.00	58.51 0.18 0.00	59.09 -0.24 0.00	60.15 -1.04 0.00	63.21 -1.36 0.00	65.05 -1.74 0.00	80.50 -2.49 0.00	88.94 -4.78 0.00	101.13 -8.20 0.00	120.96 -10.66 0.00	134.19 -11.99 0.00	170.62 -14.43 0.00	224.93 -17.97 0.00	260.62 -20.22 0.00	216.35 -15.54 0.00	148.61 -10.67 0.00	94.81 -4.68 0.00	81.05 -0.57 0.00	69.92 0.76 0.00
PINELAWN_CC_1 323563	77.62 4.18 -0.01	67.50 4.83 -0.01	63.07 4.89 -0.01	55.81 4.32 -0.01	55.84 4.04 -0.01	60.93 4.09 -0.01	63.01 4.67 0.00	64.85 5.52 -0.01	67.26 6.06 -0.01	71.29 6.71 -0.01	71.46 4.67 0.00	95.39 5.89 -6.51	102.54 9.00 0.18	122.33 11.92 -1.09	171.29 14.74 -24.92	282.18 16.51 -119.48	340.67 20.90 -134.71	383.83 27.92 -113.01	337.90 32.00 -25.05	284.25 25.51 -26.86	194.71 16.41 -19.02	106.81 6.86 -0.46	85.06 3.43 0.00	67.22 3.18 5.13
PJM_GEN_HTTP_PROXY 323702	76.07 1.98 -0.66	64.89 2.88 0.66	61.43 3.26 0.00	54.46 2.98 0.00	54.59 2.79 0.00	59.55 2.73 0.00	61.63 3.50 0.21	63.57 4.04 -0.21	65.60 4.41 0.00	69.47 4.90 0.00	72.00 5.21 0.00	89.38 6.39 0.00	102.91 9.19 0.00	123.67 12.03 -2.32	169.62 14.74 -23.26	274.53 16.80 -111.55	334.64 21.27 -128.31	381.14 27.68 -110.56	338.54 31.73 -25.98	282.79 25.28 -25.63	198.88 16.72 -22.88	107.61 7.66 -0.47	86.19 4.57 0.00	72.00 2.84 0.00
PJM_GEN_KEystone 24065	73.79 0.95 0.59	61.96 0.56 1.27	58.32 0.58 0.44	52.20 0.72 0.00	52.16 0.37 0.00	56.57 0.06 0.31	58.30 0.64 0.68	59.74 0.77 0.35	61.99 1.41 0.61	65.58 1.74 0.73	68.16 2.14 0.77	85.47 2.82 0.34	97.55 4.31 0.48	114.07 5.14 0.40	141.34 6.71 -3.00	170.09 6.87 -17.04	222.26 7.21 -30.00	288.00 9.23 -35.87	306.10 10.10 -15.17	255.20 8.34 -14.98	178.69 5.90 -13.51	102.48 3.09 0.09	82.60 1.88 0.90	69.38 0.83 0.61
PJM_GEN_NEPTUNE_PROXY 323594	77.11 3.01 -0.66	65.72 3.70 0.65	62.08 3.90 -0.01	55.04 3.55 -0.01	55.12 3.32 -0.01	60.13 3.29 -0.01	61.98 3.85 0.21	64.11 4.57 -0.22	66.28 5.08 -0.01	70.06 5.48 -0.01	71.33 4.54 0.00	89.72 6.06 -0.68	101.75 9.09 1.05	121.65 11.81 -0.51	169.61 14.48 -23.51	264.01 16.51 -101.31	327.69 20.36 -122.28	368.50 26.96 -98.64	327.32 30.89 -15.59	271.98 25.05 -15.04	192.73 16.25 -17.20	106.81 6.86 -0.46	85.37 3.76 0.01	65.33 3.25 7.09
PJM_GEN_VFT_PROXY 323633	57.66 1.39 17.17	55.58 2.38 9.46	54.84 2.91 6.24	54.20 2.73 0.01	54.32 2.54 0.01	54.75 2.39 4.46	54.48 3.15 7.00	55.12 3.62 7.82	56.53 4.04 8.70	58.53 4.39 10.43	60.52 4.67 10.94	82.87 5.81 5.93	97.76 8.53 4.48	117.07 11.26 3.52	158.74 13.82 -13.30	238.62 15.65 -76.79	316.24 19.99 -111.19	379.67 26.00 -110.76	336.56 29.75 -25.97	281.16 23.66 -25.61	197.77 15.62 -22.87	101.39 6.96 5.06	72.66 3.92 12.88	62.66 2.28 8.78
PLATSBURG_115KV_PMLD1 355749	74.02 0.59 0.00	62.98 0.31 0.00	58.12 -0.06 0.00	51.58 0.10 0.00	52.21 0.41 0.00	57.11 0.28 0.00	58.22 -0.12 0.00	58.97 -0.36 0.00	60.64 -0.55 0.00	63.92 -0.65 0.00	65.92 -0.87 0.00	81.74 -1.24 0.00	90.34 -3.37 0.00	104.63 -4.70 0.00	125.31 -6.32 0.00	139.02 -7.16 0.00	176.91 -8.14 0.00	233.19 -9.72 0.00	269.60 -11.23 0.00	222.84 -9.04 0.00	153.23 -6.05 0.00	96.60 -2.89 0.00	80.97 -0.65 0.00	69.51 0.35 0.00
PLEASANTVLY___LBMP 24000	74.75 1.32 0.00	64.67 2.01 0.00	60.56 2.39 0.00	53.85 2.37 0.00	53.81 2.02 0.00	58.76 1.93 0.00	60.91 2.57 0.00	62.23 2.91 0.00	64.25 3.06 0.00	67.92 3.36 0.00	70.19 3.41 0.00	87.22 4.23 0.00	100.28 6.56 0.00	118.35 8.75 -0.27	141.73 10.66 0.55	158.90 12.28 -0.44	197.64 15.91 3.33	258.43 20.65 5.12	333.06 23.87 -28.35	278.37 18.55 -27.94	196.51 12.42 -24.81	106.15 6.17 -0.49	84.97 3.35 0.00	71.17 2.01 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	75.27 1.84 0.00	65.17 2.51 0.00	61.03 2.85 0.00	54.21 2.73 0.00	54.18 2.38 0.00	59.15 2.33 0.00	61.32 2.98 0.00	62.76 3.44 0.00	64.86 3.67 0.00	68.70 4.13 0.00	71.06 4.27 0.00	88.30 5.31 0.00	101.68 7.97 0.00	120.79 10.50 -0.97	140.36 12.90 4.16	139.02 14.91 22.07	161.71 19.06 42.40	216.21 24.78 51.47	337.10 29.77 -26.49	280.97 22.96 -26.13	198.05 15.45 -23.32	107.42 7.46 -0.47	85.87 4.24 0.00	71.86 2.70 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	75.27 1.84 0.00	65.17 2.51 0.00	61.03 2.85 0.00	54.21 2.73 0.00	54.18 2.38 0.00	59.15 2.33 0.00	61.32 2.98 0.00	62.76 3.44 0.00	64.86 3.67 0.00	68.70 4.13 0.00	71.06 4.27 0.00	88.30 5.31 0.00	101.68 7.97 0.00	120.79 10.50 -0.97	140.36 12.90 4.16	139.02 14.91 22.07	161.71 19.06 42.40	216.21 24.78 51.47	337.10 29.77 -26.49	280.97 22.96 -26.13	198.05 15.45 -23.32	107.42 7.46 -0.47	85.87 4.24 0.00	71.86 2.70 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	75.71 2.28 0.00	65.36 2.69 0.00	61.14 2.97 0.00	54.31 2.83 0.00	54.23 2.43 0.00	59.27 2.44 0.00	61.49 3.15 0.00	62.82 3.50 0.00	64.80 3.61 0.00	68.57 4.00 0.00	70.93 4.14 0.00	88.13 5.15 0.00	101.31 7.59 0.00	119.38 9.95 -0.11	143.55 12.24 0.32	162.33 14.47 -1.68	204.13 18.69 -0.39	267.48 24.53 -0.04	335.40 28.08 -26.48	280.06 22.03 -26.14	197.57 14.81 -23.48	107.77 7.76 -0.52	86.20 4.57 0.00	72.13 2.97 0.00
POLETTI____ 23519	75.34 1.91 0.00	65.49 2.82 0.00	61.43 3.26 0.00	54.72 3.24 0.00	54.59 2.80 0.00	59.49 2.67 0.00	61.78 3.44 0.00	63.24 3.92 0.00	65.48 4.28 0.00	69.34 4.78 0.00	71.80 5.01 0.00	89.13 6.14 0.00	103.09 9.37 0.00	123.56 11.92 -2.31	169.51 14.61 -23.27	274.49 16.66 -111.65	334.64 21.10 -128.49	381.37 27.69 -110.77	337.99 31.17 -25.98	281.86 24.35 -25.63	198.57 16.41 -22.88	107.71 7.76 -0.47	86.03 4.41 0.00	72.00 2.84 0.00
POMONA___ESR 323819	74.98 1.54 0.00	64.92 2.25 0.00	60.73 2.56 0.00	53.80 2.32 0.00	53.92 2.12 0.00	58.87 2.04 0.00	61.08 2.74 0.00	62.53 3.20 0.00	64.68 3.49 0.00	68.51 3.94 0.00	71.00 4.21 0.00	88.31 5.32 0.00	101.30 7.59 0.00	117.93 10.39 1.79	145.21 12.76 -0.82	177.73 14.62 -16.93	247.06 18.88 -43.12	328.24 24.29 -61.05	333.39 27.81 -24.74	278.09 21.79 -24.41	195.64 14.49 -21.86	106.71 6.77 -0.45	85.46 3.84 0.00	71.44 2.28 0.00
PORT_JEFF_3 23555	77.48 4.04 -0.01	67.50 4.83 -0.01	63.01 4.83 -0.01	55.65 4.17 -0.01	55.69 3.89 -0.01	60.75 3.92 -0.01	62.83 4.49 0.00	64.73 5.40 -0.01	67.20 6.00 -0.01	71.35 6.78 -0.01	71.33 4.54 0.00	91.98 6.14 -2.85	102.44 9.37 0.64	122.33 12.13 -0.87	170.03 14.35 -24.05	270.25 15.06 -109.01	331.69 19.06 -127.57	373.51 25.50 -105.10	329.75 28.93 -19.98	274.68 22.49 -20.31	193.03 15.45 -18.30	106.62 6.67 -0.46	84.65 3.02 0.00	65.90 3.04 6.30
PORT_JEFF_4 23616	77.48 4.04 -0.01	67.50 4.83 -0.01	63.01 4.83 -0.01	55.65 4.17 -0.01	55.69 3.89 -0.01	60.75 3.92 -0.01	62.83 4.49 0.00	64.73 5.40 -0.01	67.20 6.00 -0.01	71.35 6.78 -0.01	71.33 4.54 0.00	91.98 6.14 -2.85	102.44 9.37 0.64	122.33 12.13 -0.87	170.03 14.35 -24.05	270.25 15.06 -109.01	331.69 19.06 -127.57	373.51 25.50 -105.10	329.75 28.93 -19.98	274.68 22.49 -20.31	193.03 15.45 -18.30	106.62 6.67 -0.46	84.65 3.02 0.00	65.90 3.04 6.30

PORT_JEFF_IC 23713	77.62 4.19 0.00	67.62 4.95 0.00	63.12 4.94 0.00	56.01 4.53 0.00	55.78 3.99 0.00	60.86 4.03 0.00	62.95 4.61 0.00	64.78 5.46 0.00	67.37 6.18 0.00	71.54 6.97 0.00	71.60 4.81 0.00	92.16 6.22 -2.95	102.93 9.84 0.63	122.78 12.57 -0.88	170.72 15.01 -24.08	270.83 15.35 -109.30	332.45 19.62 -127.78	374.72 26.48 -105.33	330.46 29.49 -20.13	274.87 22.49 -20.49	193.38 15.77 -18.33	106.92 6.96 -0.46	85.46 3.84 0.00	64.62 1.73 6.27
PPL PILGRIM_ST_GT1 24216	78.21 4.77 -0.01	68.06 5.39 -0.01	63.60 5.41 -0.01	56.22 4.73 -0.01	56.26 4.45 -0.01	61.38 4.55 -0.01	63.48 5.14 0.00	65.39 6.05 -0.01	67.81 6.61 -0.01	71.93 7.36 -0.01	72.30 5.48 -0.03	93.51 7.14 -3.39	103.68 10.49 0.53	123.14 12.89 -0.92	171.71 15.92 -24.17	274.41 17.53 -110.70	335.80 22.01 -128.73	378.74 29.38 -106.45	335.40 33.69 -20.87	279.95 26.66 -21.41	195.28 17.52 -18.48	107.42 7.47 -0.46	86.22 4.57 -0.03	66.92 3.87 6.11
PPL PILGRIM_ST_GT2 24217	78.21 4.77 -0.01	68.06 5.39 -0.01	63.60 5.41 -0.01	56.22 4.73 -0.01	56.26 4.45 -0.01	61.38 4.55 -0.01	63.48 5.14 0.00	65.39 6.05 -0.01	67.81 6.61 -0.01	71.93 7.36 -0.01	72.30 5.48 -0.03	93.51 7.14 -3.39	103.68 10.49 0.53	123.14 12.89 -0.92	171.71 15.92 -24.17	274.41 17.53 -110.70	335.80 22.01 -128.73	378.74 29.38 -106.45	335.40 33.69 -20.87	279.95 26.66 -21.41	195.28 17.52 -18.48	107.42 7.47 -0.46	86.22 4.57 -0.03	66.92 3.87 6.11
PPL_SHRM_GT3 24213	77.33 3.89 -0.01	67.31 4.64 -0.01	62.84 4.66 -0.01	55.50 4.02 -0.01	55.48 3.68 -0.01	60.47 3.64 -0.01	62.48 4.14 0.00	64.43 5.10 -0.01	67.02 5.82 -0.01	71.23 6.65 -0.01	71.53 4.74 0.00	92.77 6.88 -2.90	103.30 10.22 0.63	123.65 13.44 -0.88	172.28 16.58 -24.06	272.14 16.80 -109.16	332.33 19.61 -127.67	374.60 26.48 -105.22	330.96 30.06 -20.05	277.34 25.05 -20.40	195.43 17.84 -18.31	107.42 7.47 -0.46	84.97 3.35 0.00	65.91 3.04 6.29
PPL_SHRM_GT4 24214	77.33 3.89 -0.01	67.31 4.64 -0.01	62.84 4.66 -0.01	55.50 4.02 -0.01	55.48 3.68 -0.01	60.47 3.64 -0.01	62.48 4.14 0.00	64.43 5.10 -0.01	67.02 5.82 -0.01	71.23 6.65 -0.01	71.53 4.74 0.00	92.77 6.88 -2.90	103.30 10.22 0.63	123.65 13.44 -0.88	172.28 16.58 -24.06	272.14 16.80 -109.16	332.33 19.61 -127.67	374.60 26.48 -105.22	330.96 30.06 -20.05	277.34 25.05 -20.40	195.43 17.84 -18.31	107.42 7.47 -0.46	84.97 3.35 0.00	65.91 3.04 6.29
PROJECT___ORANGE 1 24174	73.06 -0.37 0.00	61.98 -0.69 0.00	57.54 -0.64 0.00	50.86 -0.62 0.00	51.07 -0.73 0.00	55.91 -0.91 0.00	57.76 -0.58 0.00	58.85 -0.47 0.00	61.01 -0.18 0.00	64.44 -0.13 0.00	66.85 0.07 0.00	83.24 0.25 0.00	94.47 0.75 0.00	110.09 0.77 0.00	132.81 1.18 0.00	147.20 1.02 0.00	185.79 0.74 0.00	243.39 0.49 0.00	281.68 0.84 0.00	233.04 1.16 0.00	160.08 0.80 0.00	100.08 0.60 0.00	81.71 0.08 0.00	68.75 -0.41 0.00
PROJECT___ORANGE 2 24166	73.06 -0.37 0.00	61.98 -0.69 0.00	57.54 -0.64 0.00	50.86 -0.62 0.00	51.07 -0.73 0.00	55.91 -0.91 0.00	57.76 -0.58 0.00	58.85 -0.47 0.00	61.01 -0.18 0.00	64.44 -0.13 0.00	66.85 0.07 0.00	83.24 0.25 0.00	94.47 0.75 0.00	110.09 0.77 0.00	132.81 1.18 0.00	147.20 1.02 0.00	185.79 0.74 0.00	243.39 0.49 0.00	281.68 0.84 0.00	233.04 1.16 0.00	160.08 0.80 0.00	100.08 0.60 0.00	81.71 0.08 0.00	68.75 -0.41 0.00
PUCKETT___SOLAR 323809	75.93 2.50 0.00	64.29 1.63 0.00	59.69 1.51 0.00	52.92 1.44 0.00	52.99 1.19 0.00	58.02 1.20 0.00	60.15 1.81 0.00	61.05 1.72 0.00	63.15 1.96 0.00	66.57 2.00 0.00	68.99 2.20 0.00	85.81 2.82 0.00	97.47 3.75 0.00	113.81 4.48 0.00	137.41 5.79 0.00	152.32 6.14 0.00	192.08 7.03 0.00	252.63 9.73 0.00	299.39 11.79 -6.76	249.54 10.90 -6.76	173.53 7.65 -6.60	104.82 5.07 -0.26	85.05 3.43 0.00	71.37 2.21 0.00
PYRITES___HYD 24023	76.00 2.57 0.00	64.61 1.94 0.00	59.51 1.34 0.00	52.41 0.93 0.00	53.09 1.29 0.00	58.76 1.93 0.00	59.80 1.46 0.00	60.21 0.89 0.00	61.25 0.06 0.00	64.24 -0.32 0.00	66.05 -0.73 0.00	81.66 -1.33 0.00	90.15 -3.56 0.00	102.66 -6.67 0.00	122.94 -8.69 0.00	136.24 -9.94 0.00	173.40 -11.66 0.00	229.30 -13.60 0.00	266.80 -14.04 0.00	222.38 -9.51 0.00	152.91 -6.37 0.00	97.40 -2.09 0.00	82.85 1.22 0.00	71.37 2.21 0.00
QUAKERRD_115KV_BK1 80622	73.58 0.15 0.00	61.35 -1.32 0.00	56.66 -1.51 0.00	49.93 -1.54 0.00	50.29 -1.50 0.00	54.95 -1.88 0.00	56.76 -1.58 0.00	57.72 -1.60 0.00	60.21 -0.98 0.00	63.73 -0.84 0.00	66.52 -0.27 0.00	82.74 -0.25 0.00	93.72 0.00 0.00	108.01 -1.31 0.00	130.84 -0.79 0.00	144.57 -1.61 0.00	180.98 -4.07 0.00	237.08 -5.83 0.00	274.38 -6.46 0.00	227.94 -3.94 0.00	156.57 -2.71 0.00	98.19 -1.29 0.00	80.97 -0.65 0.00	68.12 -1.04 0.00
QUENSBRY_115KV_TB8 356137	77.32 3.89 0.00	66.24 3.57 0.00	61.61 3.43 0.00	54.57 3.09 0.00	54.69 2.90 0.00	59.89 3.07 0.00	62.07 3.73 0.00	63.12 3.80 0.00	64.92 3.73 0.00	67.92 3.36 0.00	69.66 2.87 0.00	86.72 3.73 0.00	98.87 5.15 0.00	115.87 6.45 -0.10	139.31 7.90 0.21	170.89 10.38 -14.33	214.86 13.88 -15.93	279.40 18.46 -18.03	410.29 23.59 -105.86	356.52 20.17 -104.46	267.33 14.49 -93.55	113.54 9.25 -4.80	87.58 5.96 0.00	73.17 4.01 0.00
RAMAPO___LBMP 323565	74.75 1.32 0.00	64.67 2.01 0.00	60.56 2.39 0.00	53.85 2.37 0.00	53.76 1.97 0.00	58.70 1.88 0.00	60.91 2.57 0.00	62.35 3.03 0.00	64.43 3.24 0.00	68.25 3.68 0.00	70.59 3.81 0.00	87.80 4.81 0.00	101.12 7.40 0.00	117.89 9.73 1.16	146.47 11.98 -2.86	184.08 13.74 -24.16	248.74 17.58 -46.11	324.08 22.83 -58.34	331.12 25.84 -24.44	275.95 19.94 -24.12	194.28 13.38 -21.62	106.40 6.47 -0.45	85.14 3.51 0.00	71.24 2.07 0.00
RANKINE____ 23646	76.00 2.57 0.00	62.92 0.25 0.00	57.71 -0.47 0.00	50.71 -0.77 0.00	51.07 -0.73 0.00	55.74 -1.08 0.00	57.46 -0.88 0.00	58.08 -1.25 0.00	61.25 0.06 0.00	64.89 0.32 0.00	67.72 0.94 0.00	84.32 1.33 0.00	95.68 1.97 0.00	109.00 -0.33 0.00	132.42 0.79 0.00	145.30 -0.88 0.00	179.69 -5.37 0.00	234.40 -8.50 0.00	274.67 -8.99 -2.82	230.07 -4.64 -2.82	159.33 -2.71 -2.76	98.79 -0.70 0.00	82.36 0.73 0.00	69.71 0.55 0.00
RAVENSWOOD_GT2_1 24244	75.34 1.91 0.00	65.49 2.82 0.00	61.49 3.32 0.00	54.77 3.29 0.00	54.59 2.80 0.00	59.55 2.73 0.00	61.84 3.50 0.00	63.30 3.97 0.00	65.54 4.34 0.00	69.41 4.84 0.00	71.80 5.01 0.00	89.13 6.14 0.00	102.99 9.28 0.00	123.44 11.81 -2.31	169.39 14.48 -23.29	274.44 16.52 -111.74	334.81 21.10 -128.66	381.32 27.45 -110.97	337.71 30.89 -25.98	281.63 24.12 -25.63	198.41 16.25 -22.89	107.71 7.76 -0.47	86.03 4.41 0.00	72.00 2.84 0.00
RAVENSWOOD_GT2_2 24245	75.34 1.91 0.00	65.49 2.82 0.00	61.49 3.32 0.00	54.77 3.29 0.00	54.59 2.80 0.00	59.55 2.73 0.00	61.84 3.50 0.00	63.30 3.97 0.00	65.54 4.34 0.00	69.41 4.84 0.00	71.80 5.01 0.00	89.13 6.14 0.00	102.99 9.28 0.00	123.44 11.81 -2.31	169.39 14.48 -23.29	274.44 16.52 -111.74	334.81 21.10 -128.66	381.32 27.45 -110.97	337.71 30.89 -25.98	281.63 24.12 -25.63	198.41 16.25 -22.89	107.71 7.76 -0.47	86.03 4.41 0.00	72.00 2.84 0.00

RAVENSWOOD_GT2_3 24246	75.41 1.98 0.00	65.55 2.88 0.00	61.49 3.32 0.00	54.77 3.29 0.00	54.64 2.85 0.00	59.55 2.73 0.00	61.90 3.56 0.00	63.36 4.03 0.00	65.60 4.41 0.00	69.47 4.91 0.00	71.86 5.08 0.00	89.21 6.22 0.00	103.09 9.37 0.00	123.55 11.92 -2.31	169.52 14.61 -23.29	274.59 16.66 -111.74	334.99 21.28 -128.66	381.57 27.69 -110.97	337.99 31.17 -25.98	281.86 24.35 -25.63	198.57 16.41 -22.89	107.81 7.86 -0.47	86.12 4.49 0.00	72.07 2.90 0.00
RAVENSWOOD_GT2_4 24247	75.41 1.98 0.00	65.55 2.88 0.00	61.49 3.32 0.00	54.77 3.29 0.00	54.64 2.85 0.00	59.55 2.73 0.00	61.90 3.56 0.00	63.36 4.03 0.00	65.60 4.41 0.00	69.47 4.91 0.00	71.86 5.08 0.00	89.21 6.22 0.00	103.09 9.37 0.00	123.55 11.92 -2.31	169.52 14.61 -23.29	274.59 16.66 -111.74	334.99 21.28 -128.66	381.57 27.69 -110.97	337.99 31.17 -25.98	281.86 24.35 -25.63	198.57 16.41 -22.89	107.81 7.86 -0.47	86.12 4.49 0.00	72.07 2.90 0.00
RAVENSWOOD_GT3_1 24248	75.34 1.91 0.00	65.55 2.88 0.00	61.49 3.32 0.00	54.77 3.29 0.00	54.59 2.80 0.00	59.55 2.73 0.00	61.84 3.50 0.00	63.30 3.97 0.00	65.54 4.34 0.00	69.41 4.84 0.00	71.80 5.01 0.00	89.13 6.14 0.00	102.99 9.28 0.00	123.55 11.92 -2.31	169.39 14.48 -23.29	274.44 16.52 -111.74	334.81 21.10 -128.66	381.32 27.45 -110.97	337.71 30.89 -25.98	281.63 24.12 -25.63	198.41 16.25 -22.89	107.71 7.76 -0.47	86.03 4.41 0.00	72.00 2.84 0.00
RAVENSWOOD_GT3_2 24249	75.34 1.91 0.00	65.55 2.88 0.00	61.49 3.32 0.00	54.77 3.29 0.00	54.59 2.80 0.00	59.55 2.73 0.00	61.84 3.50 0.00	63.30 3.97 0.00	65.54 4.34 0.00	69.41 4.84 0.00	71.80 5.01 0.00	89.13 6.14 0.00	102.99 9.28 0.00	123.55 11.92 -2.31	169.39 14.48 -23.29	274.44 16.52 -111.74	334.81 21.10 -128.66	381.32 27.45 -110.97	337.71 30.89 -25.98	281.63 24.12 -25.63	198.41 16.25 -22.89	107.71 7.76 -0.47	86.03 4.41 0.00	72.00 2.84 0.00
RAVENSWOOD_GT3_3 24250	75.49 2.06 0.00	65.67 3.01 0.00	61.61 3.43 0.00	54.88 3.40 0.00	54.69 2.90 0.00	59.67 2.84 0.00	61.96 3.62 0.00	63.42 4.09 0.00	65.66 4.47 0.00	69.54 4.97 0.00	72.00 5.21 0.00	89.38 6.39 0.00	103.28 9.56 0.00	123.77 12.14 -2.31	169.79 14.87 -23.29	274.88 16.96 -111.74	335.36 21.65 -128.66	382.05 28.18 -110.97	338.56 31.73 -25.98	282.33 24.81 -25.63	198.89 16.72 -22.89	108.01 8.06 -0.47	86.20 4.57 0.00	72.13 2.97 0.00
RAVENSWOOD_GT3_4 24251	75.49 2.06 0.00	65.67 3.01 0.00	61.61 3.43 0.00	54.88 3.40 0.00	54.69 2.90 0.00	59.67 2.84 0.00	61.96 3.62 0.00	63.42 4.09 0.00	65.66 4.47 0.00	69.54 4.97 0.00	72.00 5.21 0.00	89.38 6.39 0.00	103.28 9.56 0.00	123.77 12.14 -2.31	169.79 14.87 -23.29	274.88 16.96 -111.74	335.36 21.65 -128.66	382.05 28.18 -110.97	338.56 31.73 -25.98	282.33 24.81 -25.63	198.89 16.72 -22.89	108.01 8.06 -0.47	86.20 4.57 0.00	72.13 2.97 0.00
RAVENSWOOD_GT_1 23729	67.85 1.54 7.13	65.17 2.51 0.00	61.14 2.97 0.00	54.82 3.35 0.00	54.54 2.75 0.00	59.21 2.39 0.00	61.55 3.21 0.00	63.24 3.92 0.00	65.35 4.16 0.00	69.02 4.46 0.00	71.46 4.68 0.00	92.00 5.89 -3.12	94.80 8.90 7.82	101.47 11.37 19.22	168.60 13.69 -23.29	273.71 15.79 -111.74	316.58 20.17 -111.36	379.86 25.99 -110.97	336.31 29.49 -25.98	280.47 22.96 -25.63	197.62 15.45 -22.89	102.03 7.26 4.72	79.03 3.92 6.51	65.41 2.49 6.24
RAVENSWOOD_GT_10 24258	75.34 1.91 0.00	65.55 2.88 0.00	61.49 3.32 0.00	54.77 3.29 0.00	54.64 2.85 0.00	59.55 2.73 0.00	61.84 3.50 0.00	63.30 3.97 0.00	65.54 4.34 0.00	69.41 4.84 0.00	71.86 5.08 0.00	89.60 6.14 -0.47	101.91 9.37 1.18	120.30 11.92 0.94	169.52 14.61 -23.29	274.44 16.52 -111.74	334.81 21.10 -128.66	381.32 27.45 -110.97	337.99 31.17 -25.98	281.63 24.12 -25.63	198.41 16.25 -22.89	107.71 7.76 -0.47	86.03 4.41 0.00	72.00 2.84 0.00
RAVENSWOOD_GT_11 24259	75.34 1.91 0.00	65.55 2.88 0.00	61.49 3.32 0.00	54.77 3.29 0.00	54.64 2.85 0.00	59.55 2.73 0.00	61.84 3.50 0.00	63.30 3.97 0.00	65.54 4.34 0.00	69.41 4.84 0.00	71.86 5.08 0.00	89.60 6.14 -0.47	101.91 9.37 1.18	120.30 11.92 0.94	169.52 14.61 -23.29	274.44 16.52 -111.74	334.81 21.10 -128.66	381.32 27.45 -110.97	337.99 31.17 -25.98	281.63 24.12 -25.63	198.41 16.25 -22.89	107.71 7.76 -0.47	86.03 4.41 0.00	72.00 2.84 0.00
RAVENSWOOD_GT_4 24252	75.34 1.91 0.00	65.55 2.88 0.00	61.49 3.32 0.00	54.77 3.29 0.00	54.64 2.85 0.00	59.55 2.73 0.00	61.84 3.50 0.00	63.30 3.97 0.00	65.54 4.34 0.00	69.41 4.84 0.00	71.86 5.08 0.00	89.13 6.14 0.00	103.09 9.37 0.00	123.55 11.92 -2.31	169.39 14.48 -23.29	274.44 16.52 -111.74	334.81 21.10 -128.66	381.32 27.45 -110.97	337.71 30.89 -25.98	281.63 24.12 -25.63	198.41 16.25 -22.89	107.71 7.76 -0.47	86.03 4.41 0.00	72.00 2.84 0.00
RAVENSWOOD_GT_5 24254	75.34 1.91 0.00	65.55 2.88 0.00	61.49 3.32 0.00	54.77 3.29 0.00	54.64 2.85 0.00	59.55 2.73 0.00	61.84 3.50 0.00	63.30 3.97 0.00	65.54 4.34 0.00	69.41 4.84 0.00	71.86 5.08 0.00	89.13 6.14 0.00	103.09 9.37 0.00	123.55 11.92 -2.31	169.39 14.48 -23.29	274.44 16.52 -111.74	334.81 21.10 -128.66	381.32 27.45 -110.97	337.71 30.89 -25.98	281.63 24.12 -25.63	198.41 16.25 -22.89	107.71 7.76 -0.47	86.03 4.41 0.00	72.00 2.84 0.00
RAVENSWOOD_GT_6 24253	75.34 1.91 0.00	65.55 2.88 0.00	61.49 3.32 0.00	54.77 3.29 0.00	54.64 2.85 0.00	59.55 2.73 0.00	61.84 3.50 0.00	63.30 3.97 0.00	65.54 4.34 0.00	69.41 4.84 0.00	71.86 5.08 0.00	89.13 6.14 0.00	103.09 9.37 0.00	123.55 11.92 -2.31	169.39 14.48 -23.29	274.44 16.52 -111.74	334.81 21.10 -128.66	381.32 27.45 -110.97	337.71 30.89 -25.98	281.63 24.12 -25.63	198.41 16.25 -22.89	107.71 7.76 -0.47	86.03 4.41 0.00	72.00 2.84 0.00
RAVENSWOOD_GT_7 24255	75.34 1.91 0.00	65.55 2.88 0.00	61.49 3.32 0.00	54.77 3.29 0.00	54.64 2.85 0.00	59.55 2.73 0.00	61.84 3.50 0.00	63.30 3.97 0.00	65.54 4.34 0.00	69.41 4.84 0.00	71.86 5.08 0.00	89.13 6.14 0.00	103.09 9.37 0.00	123.55 11.92 -2.31	169.39 14.48 -23.29	274.44 16.52 -111.74	334.81 21.10 -128.66	381.32 27.45 -110.97	337.71 30.89 -25.98	281.63 24.12 -25.63	198.41 16.25 -22.89	107.71 7.76 -0.47	86.03 4.41 0.00	72.00 2.84 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	75.34 1.91 0.00	65.55 2.88 0.00	61.49 3.32 0.00	54.77 3.29 0.00	54.64 2.85 0.00	59.55 2.73 0.00	61.84 3.50 0.00	63.30 3.97 0.00	65.54 4.34 0.00	69.41 4.84 0.00	71.86 5.08 0.00	89.60 6.14 -0.47	101.91 9.37 1.18	120.30 11.92 0.94	169.52 14.61 -23.29	274.44 16.52 -111.74	334.81 21.10 -128.66	381.32 27.45 -110.97	337.99 31.17 -25.98	281.63 24.12 -25.63	198.41 16.25 -22.89	107.71 7.76 -0.47	86.03 4.41 0.00	72.00 2.84 0.00
RAVENSWOOD_GT_9 24257	75.34 1.91 0.00	65.55 2.88 0.00	61.49 3.32 0.00	54.77 3.29 0.00	54.64 2.85 0.00	59.55 2.73 0.00	61.84 3.50 0.00	63.30 3.97 0.00	65.54 4.34 0.00	69.41 4.84 0.00	71.86 5.08 0.00	89.60 6.14 -0.47	101.91 9.37 1.18	120.30 11.92 0.94	169.52 14.61 -23.29	274.44 16.52 -111.74	334.81 21.10 -128.66	381.32 27.45 -110.97	337.99 31.17 -25.98	281.63 24.12 -25.63	198.41 16.25 -22.89	107.71 7.76 -0.47	86.03 4.41 0.00	72.00 2.84 0.00

RAVENSWOOD___1 23533	66.28 1.39 8.54	65.04 2.38 0.01	61.02 2.85 0.01	54.26 2.78 0.00	54.49 2.69 0.00	59.15 2.33 0.01	61.48 3.15 0.01	62.95 3.62 0.00	65.59 4.41 0.01	68.95 4.39 0.01	71.45 4.67 0.01	89.54 5.65 -0.91	97.13 8.72 5.30	107.87 11.48 12.93	168.47 13.56 -23.28	273.40 15.49 -111.73	316.22 19.81 -111.36	379.36 25.50 -110.96	336.29 29.48 -25.98	280.92 23.41 -25.62	197.60 15.45 -22.88	101.63 6.86 4.72	77.73 3.92 7.81	65.20 2.28 6.24
RAVENSWOOD___2 23534	65.80 0.95 8.58	64.79 2.13 0.01	60.90 2.73 0.01	54.10 2.62 0.00	54.38 2.59 0.00	58.97 2.16 0.01	61.31 2.97 0.01	62.83 3.50 0.00	65.40 4.22 0.01	68.43 3.87 0.01	70.79 4.01 0.01	88.73 4.90 -0.85	96.36 7.87 5.23	107.06 10.50 12.76	167.15 12.24 -23.28	271.95 14.03 -111.73	314.36 17.95 -111.36	376.95 23.09 -110.96	333.78 26.96 -25.98	278.83 21.32 -25.62	196.18 14.02 -22.88	100.94 6.17 4.72	77.13 3.35 7.84	64.79 1.87 6.24
RAVENSWOOD___3 23535	75.34 1.91 0.00	65.55 2.88 0.00	61.49 3.31 0.00	54.52 3.04 0.00	54.64 2.85 0.00	59.55 2.73 0.00	61.84 3.50 0.00	63.36 4.04 0.00	65.60 4.41 0.00	69.41 4.84 0.00	71.93 5.14 0.00	89.22 6.23 0.00	102.71 9.00 0.00	123.55 11.92 -2.31	169.39 14.48 -23.29	274.44 16.51 -111.74	334.80 21.09 -128.66	381.07 27.20 -110.97	338.27 31.45 -25.98	282.34 24.82 -25.63	198.73 16.56 -22.89	107.51 7.56 -0.47	86.11 4.49 0.00	71.93 2.77 0.00
RAVENSWOOD___4 23820	64.78 1.32 9.98	64.98 2.32 0.01	60.96 2.79 0.01	54.15 2.68 0.00	54.43 2.64 0.00	59.03 2.21 0.01	61.36 3.03 0.01	62.88 3.56 0.00	65.53 4.35 0.01	68.82 4.26 0.01	71.32 4.54 0.01	87.13 5.48 1.33	99.50 8.53 2.74	114.15 11.37 6.55	168.19 13.29 -23.28	273.12 15.20 -111.73	316.02 19.61 -111.36	378.89 25.02 -110.96	336.02 29.21 -25.98	280.47 22.96 -25.62	197.30 15.14 -22.88	101.54 6.77 4.72	76.34 3.84 9.12	65.13 2.21 6.24
RCPL_TRUST___DRP 24196	75.56 2.13 0.00	65.67 3.01 0.00	61.61 3.43 0.00	54.82 3.35 0.00	54.69 2.90 0.00	59.67 2.84 0.00	62.02 3.68 0.00	63.48 4.15 0.00	65.72 4.53 0.00	69.67 5.10 0.00	72.13 5.34 0.00	89.55 6.56 0.00	103.46 9.75 0.00	124.11 12.46 -2.32	170.15 15.27 -23.26	274.98 17.25 -111.55	335.39 22.02 -128.31	382.13 28.66 -110.56	339.12 32.30 -25.98	282.55 25.04 -25.63	199.05 16.88 -22.88	108.11 8.16 -0.47	86.28 4.65 0.00	72.13 2.97 0.00
RED___ROCHESTER 323720	76.15 2.72 0.00	63.17 0.50 0.00	58.23 0.06 0.00	51.79 0.31 0.00	51.64 -0.15 0.00	56.37 -0.46 0.00	58.34 0.00 0.00	59.26 -0.06 0.00	61.99 0.79 0.00	65.66 1.10 0.00	68.65 1.87 0.00	85.31 2.32 0.00	96.71 3.00 0.00	111.51 2.19 0.00	134.78 3.15 0.00	149.10 2.92 0.00	186.17 1.12 0.00	244.37 1.47 0.00	281.12 0.28 0.00	232.82 0.93 0.00	160.40 1.12 0.00	101.48 1.99 0.00	83.50 1.88 0.00	70.26 1.10 0.00
REGAN___SOLAR 323812	79.09 5.65 0.00	67.56 4.89 0.00	62.83 4.66 0.00	55.60 4.12 0.00	55.78 3.99 0.00	61.26 4.44 0.00	63.36 5.02 0.00	63.89 4.57 0.00	65.41 4.22 0.00	68.31 3.74 0.00	70.52 3.74 0.00	87.72 4.73 0.00	99.90 6.18 0.00	117.38 7.98 -0.08	141.46 10.00 0.17	165.96 12.42 -7.36	208.95 16.09 -7.80	273.94 22.33 -8.70	394.54 27.23 -86.47	342.42 24.82 -85.72	256.12 17.68 -79.16	115.48 11.24 -4.75	89.38 7.76 0.00	74.62 5.46 0.00
RENSSELAER___COGEN 23796	73.21 -0.22 0.00	63.11 0.44 0.00	58.93 0.75 0.00	52.41 0.93 0.00	52.57 0.78 0.00	57.28 0.45 0.00	59.22 0.88 0.00	60.27 0.95 0.00	61.93 0.74 0.00	65.21 0.65 0.00	67.26 0.47 0.00	83.57 0.59 0.00	95.03 1.31 0.00	111.95 2.52 -0.10	134.29 2.89 0.23	76.02 3.95 74.11	99.83 5.74 90.97	144.07 7.05 105.89	150.29 8.42 138.96	105.79 6.48 132.58	72.82 4.13 90.60	104.15 2.09 -2.57	82.28 0.65 0.00	69.23 0.07 0.00
REPUBLIC_115KV_BARTNBRK 55605	81.88 8.44 0.00	69.94 7.27 0.00	64.92 6.75 0.00	57.35 5.87 0.00	57.44 5.65 0.00	63.07 6.25 0.00	65.46 7.12 0.00	66.26 6.94 0.00	68.05 6.85 0.00	70.83 6.26 0.00	72.93 6.14 0.00	90.87 7.88 0.00	103.65 9.93 0.00	121.23 11.81 -0.10	145.89 14.48 0.21	179.17 18.27 -14.72	225.68 24.24 -16.39	293.77 32.31 -18.56	426.99 39.60 -106.55	371.79 34.78 -105.12	278.12 24.85 -93.99	120.78 16.51 -4.77	92.97 11.35 0.00	77.32 8.16 0.00
REVERE_CPPR_DRP 24186	76.30 2.86 0.00	64.86 2.19 0.00	60.10 1.92 0.00	53.07 1.60 0.00	53.30 1.50 0.00	58.53 1.70 0.00	60.56 2.22 0.00	61.58 2.25 0.00	63.58 2.39 0.00	67.08 2.52 0.00	69.46 2.67 0.00	86.39 3.40 0.00	98.03 4.31 0.00	114.25 4.92 0.00	137.68 6.05 0.00	152.90 6.72 0.00	193.20 8.14 0.00	253.84 10.93 0.00	294.60 13.76 0.00	244.64 12.75 0.00	167.72 8.44 0.00	105.46 5.97 0.00	85.63 4.00 0.00	72.07 2.90 0.00
REYNLDPA_13_KV_LD 356490	74.31 0.88 0.00	63.29 0.63 0.00	58.41 0.23 0.00	51.53 0.05 0.00	52.16 0.36 0.00	57.45 0.63 0.00	58.46 0.12 0.00	59.32 0.00 0.00	60.95 -0.24 0.00	64.24 -0.32 0.00	66.25 -0.53 0.00	82.16 -0.83 0.00	91.00 -2.72 0.00	105.28 -4.05 0.00	126.23 -5.40 0.00	140.19 -5.99 0.00	178.02 -7.03 0.00	234.16 -8.74 0.00	270.17 -10.67 0.00	223.30 -8.58 0.00	153.39 -5.89 0.00	96.70 -2.79 0.00	81.14 -0.49 0.00	69.71 0.55 0.00
REYNOLDS_115KV_TB3 80639	73.95 0.51 0.00	63.73 1.07 0.00	59.57 1.40 0.00	52.97 1.49 0.00	53.09 1.29 0.00	57.90 1.08 0.00	59.80 1.46 0.00	60.93 1.60 0.00	62.72 1.53 0.00	65.99 1.42 0.00	68.06 1.27 0.00	84.48 1.49 0.00	96.43 2.72 0.00	113.48 4.05 -0.11	136.13 4.74 0.24	197.37 5.99 -45.20	246.23 8.14 -53.04	314.57 10.69 -60.98	454.36 12.08 -161.45	398.47 9.28 -157.31	293.98 6.21 -128.49	105.82 3.48 -2.85	83.26 1.63 0.00	69.92 0.76 0.00
RIVERBAY____ 323610	76.67 3.23 -0.01	66.69 4.01 -0.02	62.48 4.31 0.00	56.01 4.53 0.00	55.78 3.99 0.00	60.46 3.64 0.00	62.66 4.32 0.00	64.37 5.04 0.00	66.39 5.20 0.00	70.31 5.75 0.00	72.80 6.01 0.00	91.02 7.64 -0.39	103.85 10.96 0.83	122.88 13.67 0.11	171.38 16.45 -23.30	276.94 19.00 -111.76	337.96 24.24 -128.67	385.47 31.58 -110.98	342.79 35.95 -26.00	286.05 28.52 -25.64	201.45 19.27 -22.90	109.61 9.65 -0.47	87.59 5.96 -0.01	73.32 4.15 -0.01
RIVERSDE_115KV_TB3 55908	73.72 0.29 0.00	63.54 0.88 0.00	59.34 1.16 0.00	52.82 1.34 0.00	52.93 1.14 0.00	57.68 0.85 0.00	59.62 1.28 0.00	60.75 1.42 0.00	62.48 1.29 0.00	65.73 1.16 0.00	67.86 1.07 0.00	84.32 1.33 0.00	96.15 2.44 0.00	113.04 3.61 -0.11	135.74 4.34 0.23	169.34 5.55 -17.60	212.57 7.77 -19.75	275.27 9.96 -22.41	385.15 11.23 -93.07	331.84 8.58 -91.37	243.93 5.73 -78.92	105.46 3.08 -2.89	83.01 1.39 0.00	69.71 0.55 0.00
ROARING___BROOK_WT_PWR 323790	73.21 -0.22 0.00	62.42 -0.25 0.00	57.83 -0.35 0.00	51.12 -0.36 0.00	51.49 -0.31 0.00	56.60 -0.23 0.00	58.05 -0.29 0.00	59.09 -0.24 0.00	60.95 -0.24 0.00	64.31 -0.26 0.00	66.45 -0.33 0.00	82.49 -0.49 0.00	92.69 -1.03 0.00	107.69 -1.64 0.00	129.39 -2.24 0.00	143.69 -2.49 0.00	182.09 -2.97 0.00	239.27 -3.64 0.00	276.91 -3.93 0.00	228.86 -3.02 0.00	157.21 -2.08 0.00	98.30 -1.19 0.00	80.97 -0.66 0.00	68.82 -0.34 0.00

ROCHESRG_115KV_T4 355643	74.97 1.54 0.00	62.35 -0.31 0.00	57.54 -0.64 0.00	50.66 -0.82 0.00	51.07 -0.73 0.00	55.74 -1.08 0.00	57.52 -0.82 0.00	58.43 -0.89 0.00	61.13 -0.06 0.00	64.70 0.13 0.00	67.45 0.67 0.00	83.99 1.00 0.00	95.03 1.31 0.00	109.22 -0.11 0.00	132.42 0.79 0.00	146.03 -0.15 0.00	182.46 -2.59 0.00	238.78 -4.13 0.00	276.63 -4.21 0.00	230.03 -1.86 0.00	158.32 -0.96 0.00	99.39 -0.10 0.00	82.20 0.57 0.00	69.23 0.07 0.00
ROCHESTER_9_IC 23652	75.56 2.13 0.00	62.79 0.13 0.00	57.94 -0.23 0.00	50.96 -0.51 0.00	51.38 -0.41 0.00	56.09 -0.74 0.00	57.93 -0.41 0.00	58.85 -0.47 0.00	61.62 0.43 0.00	65.21 0.65 0.00	68.06 1.27 0.00	84.73 1.74 0.00	95.97 2.25 0.00	110.20 0.87 0.00	133.60 1.97 0.00	147.50 1.32 0.00	184.31 -0.74 0.00	241.20 -1.70 0.00	279.15 -1.69 0.00	232.35 0.46 0.00	159.76 0.48 0.00	100.28 0.80 0.00	82.85 1.22 0.00	69.78 0.62 0.00
ROCKVIEW_13_KV_LD 356306	75.85 2.42 0.00	65.80 3.13 0.00	61.61 3.43 0.00	54.77 3.29 0.00	54.69 2.90 0.00	59.67 2.84 0.00	61.96 3.62 0.00	63.48 4.15 0.00	65.66 4.47 0.00	69.60 5.04 0.00	72.00 5.21 0.00	89.55 6.56 0.00	102.73 9.65 0.64	122.77 12.46 -0.98	170.29 15.40 -23.27	275.49 17.69 -111.62	336.07 22.58 -128.44	383.00 29.39 -110.71	339.68 32.86 -25.98	282.79 25.28 -25.63	199.21 17.04 -22.88	108.21 8.26 -0.47	86.44 4.82 0.00	72.27 3.11 0.00
ROME____115KV_TB2 80656	76.30 2.86 0.00	64.86 2.19 0.00	60.10 1.92 0.00	53.07 1.60 0.00	53.30 1.50 0.00	58.53 1.70 0.00	60.56 2.22 0.00	61.58 2.25 0.00	63.58 2.39 0.00	67.08 2.52 0.00	69.46 2.67 0.00	86.39 3.40 0.00	98.03 4.31 0.00	114.25 4.92 0.00	137.68 6.05 0.00	152.90 6.72 0.00	193.20 8.14 0.00	253.84 10.93 0.00	294.60 13.76 0.00	244.64 12.75 0.00	167.72 8.44 0.00	105.46 5.97 0.00	85.63 4.00 0.00	72.07 2.90 0.00
ROSETON___1 23587	74.68 1.25 0.00	64.54 1.88 0.00	60.44 2.27 0.00	53.54 2.06 0.00	53.71 1.92 0.00	58.64 1.82 0.00	60.79 2.45 0.00	62.11 2.79 0.00	64.13 2.94 0.00	67.86 3.29 0.00	70.12 3.34 0.00	87.14 4.15 0.00	99.72 6.00 0.00	117.63 8.30 0.00	141.34 10.27 0.56	158.76 11.84 -0.75	200.61 15.18 -0.38	263.55 19.67 -0.98	328.75 23.03 -24.88	274.54 18.10 -24.56	193.44 12.10 -22.06	105.71 5.77 -0.45	84.81 3.18 0.00	71.09 1.93 0.00
ROSETON___2 23588	74.68 1.25 0.00	64.54 1.88 0.00	60.44 2.27 0.00	53.54 2.06 0.00	53.71 1.92 0.00	58.64 1.82 0.00	60.79 2.45 0.00	62.11 2.79 0.00	64.13 2.94 0.00	67.86 3.29 0.00	70.12 3.34 0.00	87.14 4.15 0.00	99.72 6.00 0.00	117.63 8.30 0.00	141.34 10.27 0.56	158.76 11.84 -0.75	200.61 15.18 -0.38	263.55 19.67 -0.98	328.75 23.03 -24.88	274.54 18.10 -24.56	193.44 12.10 -22.06	105.71 5.77 -0.45	84.81 3.18 0.00	71.09 1.93 0.00
ROTTDAM_115KV_TB3 80664	75.05 1.62 0.00	64.36 1.69 0.00	59.98 1.80 0.00	53.23 1.75 0.00	53.35 1.55 0.00	58.41 1.59 0.00	60.32 1.98 0.00	61.28 1.96 0.00	63.09 1.90 0.00	66.37 1.81 0.00	68.52 1.74 0.00	85.23 2.24 0.00	97.09 3.37 0.00	113.90 4.48 -0.09	136.82 5.40 0.20	160.55 6.43 -7.94	201.67 8.33 -8.29	263.28 11.17 -9.20	388.33 13.20 -94.29	336.25 10.90 -93.47	253.22 7.65 -86.30	109.27 4.58 -5.21	84.40 2.78 0.00	70.89 1.73 0.00
RUSSELL___1 23602	76.15 2.72 0.00	63.17 0.50 0.00	58.23 0.06 0.00	51.27 -0.21 0.00	51.64 -0.16 0.00	56.37 -0.45 0.00	58.28 -0.06 0.00	59.26 -0.06 0.00	61.99 0.80 0.00	65.66 1.10 0.00	68.66 1.87 0.00	85.31 2.32 0.00	96.72 3.00 0.00	111.08 1.75 0.00	134.65 3.03 0.00	148.67 2.49 0.00	185.79 0.74 0.00	243.39 0.49 0.00	281.68 0.84 0.00	234.20 2.32 0.00	160.87 1.59 0.00	101.08 1.59 0.00	83.50 1.88 0.00	70.27 1.11 0.00
RUSSELL___2 23532	76.15 2.72 0.00	63.17 0.50 0.00	58.23 0.06 0.00	51.27 -0.21 0.00	51.64 -0.16 0.00	56.37 -0.45 0.00	58.28 -0.06 0.00	59.26 -0.06 0.00	61.99 0.80 0.00	65.66 1.10 0.00	68.66 1.87 0.00	85.31 2.32 0.00	96.72 3.00 0.00	111.08 1.75 0.00	134.65 3.03 0.00	148.67 2.49 0.00	185.79 0.74 0.00	243.39 0.49 0.00	281.68 0.84 0.00	234.20 2.32 0.00	160.87 1.59 0.00	101.08 1.59 0.00	83.50 1.88 0.00	70.27 1.11 0.00
RUSSELL___3 23549	76.15 2.72 0.00	63.17 0.50 0.00	58.23 0.06 0.00	51.27 -0.21 0.00	51.64 -0.16 0.00	56.37 -0.45 0.00	58.28 -0.06 0.00	59.26 -0.06 0.00	61.99 0.80 0.00	65.66 1.10 0.00	68.66 1.87 0.00	85.31 2.32 0.00	96.72 3.00 0.00	111.08 1.75 0.00	134.65 3.03 0.00	148.67 2.49 0.00	185.79 0.74 0.00	243.39 0.49 0.00	281.68 0.84 0.00	234.20 2.32 0.00	160.87 1.59 0.00	101.08 1.59 0.00	83.50 1.88 0.00	70.27 1.11 0.00
RUSSELL___4 23556	76.15 2.72 0.00	63.17 0.50 0.00	58.23 0.06 0.00	51.27 -0.21 0.00	51.64 -0.16 0.00	56.37 -0.45 0.00	58.28 -0.06 0.00	59.26 -0.06 0.00	61.99 0.80 0.00	65.66 1.10 0.00	68.66 1.87 0.00	85.31 2.32 0.00	96.72 3.00 0.00	111.08 1.75 0.00	134.65 3.03 0.00	148.67 2.49 0.00	185.79 0.74 0.00	243.39 0.49 0.00	281.68 0.84 0.00	234.20 2.32 0.00	160.87 1.59 0.00	101.08 1.59 0.00	83.50 1.88 0.00	70.27 1.11 0.00
RUSSELL___STATION 23914	76.15 2.72 0.00	63.17 0.50 0.00	58.23 0.06 0.00	51.27 -0.21 0.00	51.64 -0.16 0.00	56.37 -0.45 0.00	58.28 -0.06 0.00	59.26 -0.06 0.00	61.99 0.80 0.00	65.66 1.10 0.00	68.66 1.87 0.00	85.31 2.32 0.00	96.72 3.00 0.00	111.08 1.75 0.00	134.65 3.03 0.00	148.67 2.49 0.00	185.79 0.74 0.00	243.39 0.49 0.00	281.68 0.84 0.00	234.20 2.32 0.00	160.87 1.59 0.00	101.08 1.59 0.00	83.50 1.88 0.00	70.27 1.11 0.00
S SALMON___HYD 24043	73.87 0.44 0.00	62.67 0.00 0.00	58.06 -0.12 0.00	51.38 -0.10 0.00	51.54 -0.26 0.00	56.60 -0.23 0.00	58.46 0.12 0.00	59.38 0.06 0.00	61.38 0.18 0.00	64.70 0.13 0.00	66.99 0.20 0.00	83.24 0.25 0.00	94.28 0.57 0.00	109.22 -0.11 0.00	131.63 0.00 0.00	145.74 -0.44 0.00	183.95 -1.10 0.00	241.94 -0.97 0.00	280.56 -0.28 0.00	233.05 1.17 0.00	160.24 0.96 0.00	101.07 1.59 0.00	82.68 1.06 0.00	69.65 0.49 0.00
S.PERRY__115KV_TB1 80734	76.22 2.79 0.00	63.23 0.56 0.00	58.18 0.00 0.00	51.27 -0.21 0.00	51.64 -0.16 0.00	56.37 -0.45 0.00	58.34 0.00 0.00	58.73 -0.59 0.00	60.82 -0.37 0.00	63.92 -0.65 0.00	66.52 -0.27 0.00	82.99 0.00 0.00	91.28 -2.44 0.00	104.84 -4.48 0.00	127.02 -4.61 0.00	140.33 -5.85 0.00	175.80 -9.25 0.00	231.97 -10.93 0.00	274.78 -8.99 -2.93	231.80 -3.01 -2.93	160.87 -1.27 -2.87	99.39 -0.10 0.00	84.32 2.69 0.00	70.54 1.38 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	75.49 2.06 0.00	62.29 -0.38 0.00	57.25 -0.93 0.00	50.29 -1.18 0.00	50.71 -1.09 0.00	55.18 -1.65 0.00	56.88 -1.46 0.00	57.43 -1.90 0.00	60.58 -0.61 0.00	64.18 -0.39 0.00	66.99 0.20 0.00	83.40 0.41 0.00	94.37 0.66 0.00	107.47 -1.86 0.00	130.57 -1.05 0.00	143.26 -2.92 0.00	176.91 -8.14 0.00	230.76 -12.15 0.00	270.32 -13.20 -2.68	226.45 -8.12 -2.68	156.96 -4.94 -2.62	97.40 -2.09 0.00	81.38 -0.24 0.00	68.95 -0.21 0.00

SAWYER___23_KV_LOAD 55526	75.49 2.06 0.00	62.29 -0.38 0.00	57.25 -0.93 0.00	50.29 -1.18 0.00	50.71 -1.09 0.00	55.18 -1.65 0.00	56.88 -1.46 0.00	57.43 -1.90 0.00	60.58 -0.61 0.00	64.18 -0.39 0.00	66.99 0.20 0.00	83.40 0.41 0.00	94.37 0.66 0.00	107.47 -1.86 0.00	130.57 -1.05 0.00	143.26 -2.92 0.00	176.91 -8.14 0.00	230.76 -12.15 0.00	270.32 -13.20 -2.68	226.45 -8.12 -2.68	156.96 -4.94 -2.62	97.40 -2.09 0.00	81.38 -0.24 0.00	68.95 -0.21 0.00
SELKIRK___I 23801	72.63 -0.81 0.00	62.48 -0.19 0.00	58.35 0.18 0.00	51.84 0.36 0.00	52.00 0.21 0.00	56.77 -0.06 0.00	58.57 0.23 0.00	59.38 0.06 0.00	60.95 -0.24 0.00	63.98 -0.58 0.00	65.99 -0.80 0.00	81.85 -0.99 0.15	89.92 -0.47 3.33	107.84 0.22 1.70	123.87 0.40 8.15	109.35 1.03 37.86	131.69 1.85 55.21	166.06 2.43 79.27	194.52 3.64 89.96	158.50 2.79 76.18	128.91 1.92 32.29	98.00 0.89 2.39	81.38 -0.24 0.00	68.54 -0.62 0.00
SELKIRK___II 23799	72.99 -0.44 0.00	62.85 0.19 0.00	58.70 0.52 0.00	52.15 0.67 0.00	52.37 0.57 0.00	57.11 0.29 0.00	58.98 0.64 0.00	59.98 0.65 0.00	61.68 0.49 0.00	64.96 0.39 0.00	67.06 0.27 0.00	82.71 0.25 0.53	82.71 1.03 12.04	105.01 2.07 6.39	105.01 2.37 28.99	105.01 3.07 44.25	105.01 4.43 84.48	96.26 5.59 152.24	96.26 6.73 191.31	87.51 4.88 149.25	121.51 3.35 41.12	87.51 1.49 13.47	81.95 0.33 0.00	69.02 -0.14 0.00
SENECA OSWGO___HYD 24041	72.63 -0.81 0.00	61.66 -1.01 0.00	57.24 -0.93 0.00	50.65 -0.83 0.00	50.81 -0.99 0.00	55.69 -1.14 0.00	57.47 -0.87 0.00	58.49 -0.83 0.00	60.52 -0.67 0.00	63.86 -0.71 0.00	66.25 -0.54 0.00	82.41 -0.58 0.00	93.44 -0.28 0.00	109.00 -0.33 0.00	131.50 -0.13 0.00	145.74 -0.44 0.00	184.13 -0.92 0.00	241.70 -1.21 0.00	279.44 -1.40 0.00	231.19 -0.69 0.00	158.80 -0.48 0.00	99.39 -0.10 0.00	81.14 -0.49 0.00	68.33 -0.83 0.00
SENECA___115KV_TB3 355854	76.15 2.72 0.00	63.04 0.38 0.00	57.77 -0.41 0.00	50.81 -0.67 0.00	51.17 -0.62 0.00	55.86 -0.97 0.00	57.58 -0.76 0.00	58.20 -1.13 0.00	61.38 0.18 0.00	65.02 0.45 0.00	67.86 1.07 0.00	84.57 1.58 0.00	95.87 2.16 0.00	109.22 -0.11 0.00	132.68 1.05 0.00	145.60 -0.58 0.00	180.06 -5.00 0.00	235.13 -7.77 0.00	275.51 -8.14 -2.82	230.53 -4.17 -2.82	159.81 -2.23 -2.76	99.09 -0.40 0.00	82.52 0.90 0.00	69.85 0.69 0.00
SENECA___ENERGY 23797	74.53 1.10 0.00	62.73 0.06 0.00	58.00 -0.17 0.00	51.43 -0.05 0.00	51.49 -0.31 0.00	56.37 -0.46 0.00	58.40 0.06 0.00	59.38 0.06 0.00	61.68 0.49 0.00	65.15 0.58 0.00	67.72 0.93 0.00	84.40 1.41 0.00	95.59 1.87 0.00	110.86 1.53 0.00	133.86 2.24 0.00	148.23 2.05 0.00	186.53 1.47 0.00	245.09 2.18 0.00	285.77 2.81 -2.13	236.80 2.79 -2.13	163.59 2.23 -2.08	101.58 2.09 0.00	83.10 1.47 0.00	69.78 0.62 0.00
SHOEMAKER___GT 23640	74.98 1.54 0.00	64.61 1.94 0.00	60.39 2.21 0.00	53.48 2.01 0.00	53.61 1.81 0.00	58.59 1.76 0.00	60.68 2.34 0.00	61.93 2.61 0.00	63.95 2.76 0.00	67.60 3.04 0.00	69.93 3.14 0.00	86.97 3.98 0.00	99.43 5.72 0.00	116.43 7.88 0.77	142.98 9.74 -1.62	172.80 11.26 -15.36	228.97 14.44 -29.47	299.53 18.96 -37.67	325.64 22.18 -22.62	272.08 17.86 -22.34	191.34 11.95 -20.11	105.78 5.87 -0.42	85.05 3.43 0.00	71.23 2.07 0.00
SHOEMAKR_138KV_BK 111 55601	74.83 1.40 0.00	64.55 1.88 0.00	60.33 2.15 0.00	53.59 2.11 0.00	53.56 1.76 0.00	58.53 1.70 0.00	60.67 2.33 0.00	61.93 2.61 0.00	63.88 2.69 0.00	67.60 3.03 0.00	69.93 3.14 0.00	86.89 3.90 0.00	99.71 6.00 0.00	116.58 7.98 0.73	142.92 9.74 -1.55	172.21 11.26 -14.77	227.89 14.62 -28.21	298.11 19.19 -36.01	325.16 21.91 -22.42	271.18 17.16 -22.14	190.84 11.63 -19.93	105.78 5.87 -0.42	84.89 3.27 0.00	71.17 2.01 0.00
SHOREHAM_IC_1 23715	77.33 3.89 -0.01	67.31 4.64 -0.01	62.84 4.66 -0.01	55.50 4.02 -0.01	55.48 3.68 -0.01	60.47 3.64 -0.01	62.48 4.14 0.00	64.43 5.10 -0.01	67.02 5.82 -0.01	71.23 6.65 -0.01	71.53 4.74 0.00	92.77 6.88 -2.90	103.30 10.22 0.63	123.65 13.44 -0.88	172.28 16.58 -24.06	272.14 16.80 -109.16	332.33 19.61 -127.67	374.60 26.48 -105.22	330.96 30.06 -20.05	277.34 25.05 -20.40	195.43 17.84 -18.31	107.42 7.47 -0.46	84.97 3.35 0.00	65.91 3.04 6.29
SHOREHAM_IC_2 23716	77.25 3.82 0.00	67.30 4.64 0.00	62.83 4.65 0.00	55.70 4.22 0.00	55.47 3.68 0.00	60.46 3.64 0.00	62.48 4.14 0.00	64.37 5.04 0.00	66.94 5.75 0.00	71.22 6.65 0.00	71.47 4.68 0.00	92.69 6.81 -2.90	103.67 10.59 0.63	123.86 13.67 -0.87	172.28 16.58 -24.06	271.13 15.79 -109.16	331.42 18.69 -127.67	373.38 25.26 -105.22	328.98 28.08 -20.05	275.47 23.19 -20.40	195.12 17.52 -18.31	107.51 7.56 -0.46	85.71 4.08 0.00	64.33 1.45 6.29
SISSONVILLE____ 23735	74.39 0.95 0.00	63.29 0.63 0.00	58.29 0.12 0.00	51.43 -0.05 0.00	52.05 0.26 0.00	57.51 0.68 0.00	58.51 0.18 0.00	59.09 -0.24 0.00	60.15 -1.04 0.00	63.21 -1.36 0.00	65.05 -1.74 0.00	80.50 -2.49 0.00	88.94 -4.78 0.00	101.13 -8.20 0.00	120.96 -10.66 0.00	134.19 -11.99 0.00	170.62 -14.43 0.00	224.93 -17.97 0.00	260.62 -20.22 0.00	216.35 -15.54 0.00	148.61 -10.67 0.00	94.81 -4.68 0.00	81.05 -0.57 0.00	69.92 0.76 0.00
SITHE_IND_GS1 24169	71.60 -1.83 0.00	60.79 -1.88 0.00	56.43 -1.74 0.00	49.98 -1.49 0.00	50.19 -1.61 0.00	54.95 -1.87 0.00	56.65 -1.69 0.00	57.60 -1.72 0.00	59.60 -1.59 0.00	62.89 -1.68 0.00	65.18 -1.60 0.00	81.08 -1.91 0.00	91.84 -1.87 0.00	107.03 -2.30 0.00	129.00 -2.63 0.00	143.10 -3.08 0.00	180.61 -4.44 0.00	237.07 -5.83 0.00	274.10 -6.74 0.00	226.56 -5.32 0.00	155.78 -3.50 0.00	97.50 -1.99 0.00	79.75 -1.87 0.00	67.22 -1.94 0.00
SITHE_IND_GS2 24170	71.60 -1.83 0.00	60.79 -1.88 0.00	56.43 -1.74 0.00	49.98 -1.49 0.00	50.19 -1.61 0.00	54.95 -1.87 0.00	56.65 -1.69 0.00	57.60 -1.72 0.00	59.60 -1.59 0.00	62.89 -1.68 0.00	65.18 -1.60 0.00	81.08 -1.91 0.00	91.84 -1.87 0.00	107.03 -2.30 0.00	129.00 -2.63 0.00	143.10 -3.08 0.00	180.61 -4.44 0.00	237.07 -5.83 0.00	274.10 -6.74 0.00	226.56 -5.32 0.00	155.78 -3.50 0.00	97.50 -1.99 0.00	79.75 -1.87 0.00	67.22 -1.94 0.00
SITHE_IND_GS3 24171	71.60 -1.83 0.00	60.79 -1.88 0.00	56.43 -1.74 0.00	49.98 -1.49 0.00	50.19 -1.61 0.00	54.95 -1.87 0.00	56.65 -1.69 0.00	57.60 -1.72 0.00	59.60 -1.59 0.00	62.89 -1.68 0.00	65.18 -1.60 0.00	81.08 -1.91 0.00	91.84 -1.87 0.00	107.03 -2.30 0.00	129.00 -2.63 0.00	143.10 -3.08 0.00	180.61 -4.44 0.00	237.07 -5.83 0.00	274.10 -6.74 0.00	226.56 -5.32 0.00	155.78 -3.50 0.00	97.50 -1.99 0.00	79.75 -1.87 0.00	67.22 -1.94 0.00
SITHE_IND_GS4 24172	71.60 -1.83 0.00	60.79 -1.88 0.00	56.43 -1.74 0.00	49.98 -1.49 0.00	50.19 -1.61 0.00	54.95 -1.87 0.00	56.65 -1.69 0.00	57.60 -1.72 0.00	59.60 -1.59 0.00	62.89 -1.68 0.00	65.18 -1.60 0.00	81.08 -1.91 0.00	91.84 -1.87 0.00	107.03 -2.30 0.00	129.00 -2.63 0.00	143.10 -3.08 0.00	180.61 -4.44 0.00	237.07 -5.83 0.00	274.10 -6.74 0.00	226.56 -5.32 0.00	155.78 -3.50 0.00	97.50 -1.99 0.00	79.75 -1.87 0.00	67.22 -1.94 0.00

SITHE___BATAVIA 24024	75.85 2.42 0.00	62.79 0.13 0.00	58.29 0.12 0.00	51.94 0.46 0.00	51.64 -0.15 0.00	56.71 -0.11 0.00	58.28 -0.06 0.00	58.91 -0.41 0.00	61.87 0.67 0.00	64.37 -0.19 0.00	67.26 0.47 0.00	83.73 0.75 0.00	94.93 1.22 0.00	108.67 -0.65 0.00	131.63 0.00 0.00	145.16 -1.02 0.00	180.07 -4.99 0.00	236.84 -6.06 0.00	274.18 -9.00 -2.34	228.44 -5.79 -2.34	158.54 -3.03 -2.29	99.69 0.20 0.00	82.36 0.73 0.00	69.37 0.21 0.00
SITHE___INDEPEND 23800	71.60 -1.84 0.00	60.79 -1.88 0.00	56.43 -1.75 0.00	49.88 -1.60 0.00	50.19 -1.61 0.00	54.95 -1.88 0.00	56.65 -1.69 0.00	57.60 -1.72 0.00	59.60 -1.59 0.00	62.89 -1.68 0.00	65.18 -1.60 0.00	81.08 -1.91 0.00	91.84 -1.87 0.00	107.03 -2.30 0.00	128.99 -2.63 0.00	143.11 -3.07 0.00	180.61 -4.44 0.00	237.08 -5.83 0.00	274.10 -6.74 0.00	226.78 -5.10 0.00	155.78 -3.50 0.00	97.40 -2.09 0.00	79.75 -1.88 0.00	67.22 -1.94 0.00
SITHE___MASSENA 23902	74.32 0.88 0.00	63.29 0.63 0.00	58.41 0.23 0.00	51.53 0.05 0.00	52.16 0.37 0.00	57.56 0.74 0.00	58.52 0.18 0.00	59.32 0.00 0.00	60.83 -0.36 0.00	64.12 -0.45 0.00	66.12 -0.67 0.00	81.83 -1.16 0.00	91.28 -2.44 0.00	103.86 -5.46 0.00	124.65 -6.98 0.00	138.28 -7.90 0.00	175.62 -9.43 0.00	231.25 -11.66 0.00	267.36 -13.48 0.00	221.22 -10.66 0.00	151.96 -7.32 0.00	95.91 -3.58 0.00	81.22 -0.41 0.00	69.78 0.62 0.00
SITHE___OGDNSBRG 24021	75.85 2.42 0.00	64.55 1.88 0.00	59.46 1.28 0.00	52.35 0.88 0.00	52.99 1.19 0.00	58.64 1.82 0.00	59.62 1.28 0.00	60.10 0.77 0.00	61.19 0.00 0.00	64.24 -0.32 0.00	66.05 -0.73 0.00	81.66 -1.33 0.00	90.15 -3.56 0.00	102.88 -6.45 0.00	123.33 -8.29 0.00	136.82 -9.36 0.00	174.14 -10.92 0.00	230.03 -12.87 0.00	267.64 -13.20 0.00	223.07 -8.81 0.00	153.39 -5.89 0.00	97.40 -2.09 0.00	82.69 1.06 0.00	71.17 2.01 0.00
SITHE___STERLING 23777	75.27 1.84 0.00	63.98 1.32 0.00	59.34 1.16 0.00	52.51 1.03 0.00	52.67 0.88 0.00	57.79 0.97 0.00	59.74 1.40 0.00	60.75 1.42 0.00	62.78 1.59 0.00	66.24 1.68 0.00	68.59 1.80 0.00	85.31 2.32 0.00	96.80 3.09 0.00	113.05 3.72 0.00	136.36 4.73 0.00	151.44 5.25 0.00	191.15 6.10 0.00	251.17 8.26 0.00	290.93 10.10 0.00	241.40 9.51 0.00	165.66 6.38 0.00	103.86 4.37 0.00	84.40 2.78 0.00	71.03 1.87 0.00
SLEIGHT__34_KV_TB1 80719	74.75 1.32 0.00	62.48 -0.19 0.00	57.71 -0.47 0.00	50.86 -0.62 0.00	51.22 -0.57 0.00	55.97 -0.85 0.00	57.93 -0.41 0.00	58.97 -0.36 0.00	61.44 0.24 0.00	64.95 0.39 0.00	67.72 0.94 0.00	84.32 1.33 0.00	95.59 1.87 0.00	110.53 1.20 0.00	133.73 2.11 0.00	147.79 1.61 0.00	185.42 0.37 0.00	242.91 0.00 0.00	281.68 0.84 0.00	233.74 1.86 0.00	160.55 1.27 0.00	100.58 1.09 0.00	82.69 1.06 0.00	69.51 0.35 0.00
SMITHTWN_69_KV_BK 1 55830	77.91 4.48 0.00	67.87 5.20 0.00	63.35 5.18 0.00	56.21 4.74 0.00	55.99 4.20 0.00	61.09 4.26 0.00	63.18 4.84 0.00	65.02 5.70 0.00	67.62 6.43 0.00	71.86 7.30 0.00	72.13 5.34 0.00	93.22 7.22 -3.01	104.15 11.06 0.62	124.34 14.10 -0.91	172.86 17.11 -24.12	273.78 18.13 -109.48	336.09 23.13 -127.91	379.48 31.09 -105.48	335.89 34.82 -20.23	279.15 26.67 -20.60	195.94 18.32 -18.34	108.21 8.26 -0.46	86.44 4.82 0.00	65.13 2.21 6.24
SOUTH CAIRO___GT 23612	76.59 3.16 0.00	65.67 3.01 0.00	61.14 2.97 0.00	54.26 2.78 0.00	54.28 2.49 0.00	59.32 2.50 0.00	61.32 2.98 0.00	62.05 2.73 0.00	63.33 2.14 0.00	66.24 1.68 0.00	68.12 1.34 0.00	85.13 2.32 0.19	93.14 3.65 4.23	112.29 5.25 2.28	127.65 6.58 10.56	113.66 8.77 41.29	136.94 12.58 60.70	172.52 18.46 88.85	195.89 22.19 107.13	160.67 19.01 90.23	134.07 13.22 38.43	103.60 7.76 3.65	85.95 4.33 0.00	71.93 2.77 0.00
SOUTH HAMPTN___IC 23720	79.02 5.58 -0.01	68.75 6.08 -0.01	64.18 5.99 -0.01	56.58 5.10 -0.01	56.51 4.71 -0.01	61.61 4.77 -0.01	63.59 5.25 0.00	65.74 6.41 -0.01	68.48 7.28 -0.01	73.10 8.52 -0.01	73.80 7.01 0.00	95.64 9.79 -2.86	106.66 13.58 0.64	127.59 17.38 -0.87	177.00 21.32 -24.05	276.86 21.63 -109.05	339.47 26.82 -127.59	383.75 35.72 -105.13	340.70 39.86 -20.00	282.82 30.61 -20.33	198.94 21.35 -18.31	109.41 9.46 -0.46	86.36 4.73 0.00	67.15 4.29 6.30
SOUTHDOW_115KV_TB1 355954	76.81 3.38 0.00	63.79 1.13 0.00	58.53 0.35 0.00	51.53 0.05 0.00	51.85 0.05 0.00	56.65 -0.17 0.00	58.81 0.47 0.00	59.68 0.36 0.00	62.72 1.53 0.00	66.63 2.07 0.00	69.59 2.81 0.00	86.72 3.73 0.00	98.68 4.97 0.00	112.83 3.50 0.00	136.89 5.27 0.00	150.27 4.09 0.00	186.53 1.48 0.00	243.63 0.73 0.00	285.73 1.69 -3.21	238.80 3.71 -3.21	165.44 3.03 -3.14	102.17 2.69 0.00	84.65 3.02 0.00	71.17 2.01 0.00
SOUTHOLD_69_KV_BK 2 55809	80.70 7.27 0.00	70.25 7.58 0.00	65.62 7.45 0.00	58.02 6.54 0.00	57.60 5.80 0.00	62.73 5.91 0.00	64.64 6.30 0.00	66.98 7.65 0.00	70.13 8.93 0.00	75.09 10.52 0.00	76.21 9.42 0.00	98.80 12.95 -2.86	110.69 17.62 0.64	132.06 21.87 -0.87	182.27 26.59 -24.05	278.33 23.10 -109.05	341.33 38.62 -127.60	386.66 40.44 -105.13	341.28 29.45 -20.00	281.67 24.21 -20.33	201.80 24.21 -18.31	111.19 11.24 -0.46	88.07 6.45 0.00	66.67 3.80 6.30
SOUTHOLD___IC 23719	80.78 7.34 -0.01	70.25 7.58 -0.01	65.63 7.45 -0.01	57.82 6.33 -0.01	57.60 5.80 -0.01	62.74 5.91 -0.01	64.64 6.30 0.00	67.04 7.71 -0.01	70.13 8.93 -0.01	75.10 10.53 -0.01	76.21 9.42 0.00	98.88 13.03 -2.86	110.41 17.34 0.64	131.85 21.65 -0.87	182.28 26.60 -24.05	279.07 23.84 -109.05	342.25 29.60 -127.60	387.38 39.35 -105.13	342.95 42.11 -20.00	283.30 31.08 -20.33	201.96 24.37 -18.31	111.09 11.14 -0.46	87.25 5.63 0.00	68.19 5.33 6.30
SOUTH_FORK_WT_PWR 323839	80.71 7.27 -0.01	70.38 7.71 -0.01	65.74 7.56 -0.01	57.87 6.38 -0.01	57.65 5.85 -0.01	62.74 5.91 -0.01	64.59 6.25 0.00	67.10 7.77 -0.01	70.32 9.12 -0.01	75.36 10.78 -0.01	76.61 9.82 0.00	99.38 13.53 -2.86	110.89 17.81 0.64	132.29 22.09 -0.87	182.66 26.98 -24.05	280.80 25.57 -109.05	343.93 31.28 -127.59	389.56 41.53 -105.13	344.37 43.53 -20.00	283.75 31.53 -20.33	200.53 22.94 -18.31	110.10 10.15 -0.46	86.36 4.73 0.00	67.70 4.84 6.30
SPIERFLS_115KV_TB 1 80737	76.74 3.30 0.00	65.74 3.07 0.00	61.20 3.03 0.00	54.16 2.68 0.00	54.28 2.49 0.00	59.49 2.67 0.00	61.61 3.27 0.00	62.65 3.32 0.00	64.43 3.24 0.00	67.41 2.84 0.00	69.12 2.34 0.00	86.06 3.07 0.00	98.03 4.31 0.00	114.89 5.47 -0.10	138.13 6.71 0.21	169.26 9.06 -14.02	212.82 12.21 -15.55	276.78 16.27 -17.60	407.19 21.06 -105.29	353.66 17.86 -103.92	265.38 12.90 -93.20	112.56 8.26 -4.82	86.85 5.22 0.00	72.55 3.39 0.00
ST LAWRENCE____ 23600	73.43 0.00 0.00	62.54 -0.13 0.00	57.77 -0.40 0.00	50.96 -0.51 0.00	51.54 -0.26 0.00	56.77 -0.06 0.00	57.76 -0.58 0.00	58.61 -0.71 0.00	60.28 -0.92 0.00	63.53 -1.04 0.00	65.59 -1.20 0.00	81.33 -1.66 0.00	90.81 -2.91 0.00	104.74 -4.59 0.00	125.84 -5.79 0.00	139.75 -6.43 0.00	177.46 -7.60 0.00	233.18 -9.72 0.00	269.60 -11.24 0.00	222.84 -9.05 0.00	153.07 -6.21 0.00	96.10 -3.38 0.00	80.40 -1.22 0.00	68.95 -0.21 0.00

STATE_CA_115KV_115_LB 55624	73.87 0.44 0.00	63.61 0.94 0.00	59.40 1.22 0.00	52.87 1.39 0.00	52.99 1.19 0.00	57.73 0.91 0.00	59.68 1.34 0.00	60.81 1.48 0.00	62.54 1.35 0.00	65.79 1.23 0.00	67.99 1.20 0.00	84.48 1.49 0.00	96.34 2.62 0.00	113.26 3.83 -0.10	135.88 4.48 0.22	155.70 5.85 -3.68	196.17 8.14 -2.98	256.34 10.44 -2.99	354.32 11.51 -61.97	302.20 8.81 -61.50	222.42 5.89 -57.25	106.09 3.38 -3.22	83.18 1.55 0.00	69.85 0.69 0.00
STATE_ST_34_KV_LOAD 55959	74.46 1.03 0.00	62.92 0.25 0.00	58.29 0.12 0.00	51.48 0.00 0.00	51.74 -0.05 0.00	56.65 -0.17 0.00	58.57 0.23 0.00	59.62 0.30 0.00	61.80 0.61 0.00	65.21 0.65 0.00	67.72 0.94 0.00	84.40 1.41 0.00	95.78 2.06 0.00	111.29 1.97 0.00	134.52 2.90 0.00	148.96 2.78 0.00	187.83 2.78 0.00	246.55 3.64 0.00	288.28 5.34 -2.11	239.32 5.33 -2.11	165.00 3.66 -2.06	101.97 2.49 0.00	83.34 1.71 0.00	69.99 0.83 0.00
STATION_5_MISC_HYD 23604	75.56 2.13 0.00	62.79 0.13 0.00	57.94 -0.23 0.00	51.48 0.00 0.00	51.38 -0.42 0.00	56.08 -0.74 0.00	57.99 -0.35 0.00	58.85 -0.48 0.00	61.56 0.37 0.00	65.21 0.65 0.00	68.05 1.27 0.00	84.73 1.75 0.00	95.96 2.25 0.00	110.64 1.32 0.00	133.73 2.10 0.00	147.79 1.61 0.00	184.50 -0.55 0.00	242.18 -0.73 0.00	278.58 -2.26 0.00	230.73 -1.15 0.00	159.12 -0.16 0.00	100.69 1.20 0.00	82.85 1.23 0.00	69.78 0.62 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	75.05 1.62 0.00	62.73 0.06 0.00	57.94 -0.23 0.00	51.07 -0.41 0.00	51.38 -0.41 0.00	56.20 -0.63 0.00	58.11 -0.23 0.00	59.15 -0.18 0.00	61.62 0.43 0.00	65.15 0.58 0.00	67.92 1.14 0.00	84.57 1.58 0.00	95.87 2.16 0.00	110.53 1.20 0.00	133.86 2.24 0.00	147.93 1.75 0.00	185.61 0.56 0.00	243.39 0.49 0.00	283.97 1.12 -2.01	236.21 2.32 -2.01	162.84 1.59 -1.96	100.88 1.39 0.00	83.09 1.47 0.00	69.78 0.62 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	75.05 1.62 0.00	62.42 -0.25 0.00	57.59 -0.58 0.00	50.71 -0.77 0.00	51.07 -0.73 0.00	55.80 -1.02 0.00	57.64 -0.70 0.00	58.61 -0.71 0.00	61.31 0.12 0.00	64.89 0.32 0.00	67.79 1.00 0.00	84.32 1.33 0.00	95.59 1.87 0.00	109.98 0.66 0.00	133.34 1.71 0.00	147.20 1.02 0.00	183.94 -1.11 0.00	240.96 -1.94 0.00	278.87 -1.97 0.00	231.88 0.00 0.00	159.28 0.00 0.00	99.89 0.40 0.00	82.52 0.90 0.00	69.37 0.21 0.00
STA_56___34_KV_BUS2 355983	75.05 1.62 0.00	62.42 -0.25 0.00	57.59 -0.58 0.00	50.71 -0.77 0.00	51.07 -0.73 0.00	55.80 -1.02 0.00	57.64 -0.70 0.00	58.61 -0.71 0.00	61.31 0.12 0.00	64.89 0.32 0.00	67.79 1.00 0.00	84.32 1.33 0.00	95.59 1.87 0.00	109.98 0.66 0.00	133.34 1.71 0.00	147.20 1.02 0.00	183.94 -1.11 0.00	240.96 -1.94 0.00	278.87 -1.97 0.00	231.88 0.00 0.00	159.28 0.00 0.00	99.89 0.40 0.00	82.52 0.90 0.00	69.37 0.21 0.00
STA_67___115KV_BK2 355882	75.34 1.91 0.00	62.60 -0.06 0.00	57.77 -0.41 0.00	50.86 -0.62 0.00	51.22 -0.57 0.00	55.97 -0.85 0.00	57.76 -0.58 0.00	58.67 -0.65 0.00	61.38 0.18 0.00	64.95 0.39 0.00	67.86 1.07 0.00	84.40 1.41 0.00	95.59 1.87 0.00	109.87 0.55 0.00	133.21 1.58 0.00	146.91 0.73 0.00	183.57 -1.48 0.00	240.23 -2.67 0.00	278.03 -2.81 0.00	231.42 -0.46 0.00	159.12 -0.16 0.00	99.89 0.40 0.00	82.61 0.98 0.00	69.51 0.35 0.00
STA_7___115KV_9TRANS 80674	76.15 2.72 0.00	63.17 0.50 0.00	58.23 0.06 0.00	51.27 -0.21 0.00	51.64 -0.16 0.00	56.37 -0.45 0.00	58.28 -0.06 0.00	59.26 -0.06 0.00	61.99 0.80 0.00	65.66 1.10 0.00	68.66 1.87 0.00	85.31 2.32 0.00	96.72 3.00 0.00	111.08 1.75 0.00	134.65 3.03 0.00	148.67 2.49 0.00	185.79 0.74 0.00	243.39 0.49 0.00	281.68 0.84 0.00	234.20 2.32 0.00	160.87 1.59 0.00	101.08 1.59 0.00	83.50 1.88 0.00	70.27 1.11 0.00
STA_82___115KV_TB1 80780	75.34 1.91 0.00	62.60 -0.06 0.00	57.77 -0.41 0.00	50.86 -0.62 0.00	51.22 -0.57 0.00	55.97 -0.85 0.00	57.81 -0.53 0.00	58.73 -0.59 0.00	61.44 0.24 0.00	65.02 0.45 0.00	67.86 1.07 0.00	84.40 1.41 0.00	95.59 1.87 0.00	109.87 0.55 0.00	133.21 1.58 0.00	146.91 0.73 0.00	183.57 -1.48 0.00	240.23 -2.67 0.00	278.31 -2.53 0.00	231.42 -0.46 0.00	159.12 -0.16 0.00	99.89 0.40 0.00	82.61 0.98 0.00	69.58 0.41 0.00
STEEL___WIND 323596	76.07 2.64 0.00	62.92 0.25 0.00	57.71 -0.47 0.00	51.53 0.05 0.00	51.12 -0.67 0.00	55.80 -1.02 0.00	57.64 -0.70 0.00	58.14 -1.19 0.00	61.25 0.06 0.00	64.96 0.39 0.00	67.79 1.00 0.00	84.40 1.41 0.00	95.69 1.97 0.00	109.55 0.22 0.00	132.55 0.93 0.00	145.89 -0.29 0.00	180.24 -4.81 0.00	236.36 -6.55 0.00	274.11 -9.55 0.00	228.21 -6.49 -2.82	158.68 -3.35 -2.76	99.59 0.10 0.00	82.53 0.90 0.00	69.71 0.55 0.00
STEPHTWN_115KV_BK_2 55603	74.24 0.81 0.00	63.86 1.19 0.00	59.57 1.40 0.00	53.02 1.54 0.00	53.14 1.35 0.00	57.96 1.14 0.00	59.92 1.58 0.00	60.98 1.66 0.00	62.72 1.53 0.00	65.92 1.36 0.00	68.12 1.34 0.00	84.65 1.66 0.00	96.43 2.72 0.00	113.26 3.83 -0.10	136.01 4.61 0.23	78.36 6.29 74.11	102.78 8.70 90.97	148.43 11.42 105.89	154.79 12.92 138.96	109.27 9.97 132.58	75.37 6.69 90.60	105.83 3.78 -2.57	83.58 1.96 0.00	70.13 0.97 0.00
STEUBEN_REC_LFGE 323667	77.32 3.89 0.00	64.36 1.69 0.00	59.17 0.99 0.00	52.10 0.62 0.00	52.42 0.62 0.00	57.28 0.45 0.00	59.39 1.05 0.00	60.04 0.71 0.00	62.60 1.41 0.00	66.05 1.49 0.00	68.79 2.00 0.00	85.81 2.82 0.00	97.18 3.47 0.00	111.40 2.08 0.00	135.05 3.42 0.00	148.37 2.19 0.00	185.42 0.37 0.00	243.15 0.24 0.00	287.17 2.53 -3.80	241.02 5.33 -3.80	167.61 4.62 -3.71	103.30 3.68 -0.13	85.46 3.84 0.00	71.65 2.49 0.00
STILLWATER___SOLAR 323814	76.51 3.08 0.00	65.67 3.01 0.00	61.20 3.02 0.00	54.21 2.73 0.00	54.38 2.59 0.00	59.50 2.67 0.00	61.55 3.21 0.00	62.53 3.20 0.00	64.25 3.06 0.00	67.40 2.84 0.00	69.39 2.60 0.00	86.31 3.32 0.00	98.21 4.50 0.00	115.54 6.12 -0.10	138.78 7.37 0.22	172.61 9.36 -17.07	216.84 12.59 -19.20	281.24 16.53 -21.80	411.87 20.23 -110.80	357.96 16.92 -109.16	267.89 11.95 -96.65	111.47 7.36 -4.62	86.36 4.73 0.00	72.34 3.18 0.00
STONY___BROOK 24151	77.92 4.48 -0.01	67.81 5.14 -0.01	63.31 5.12 -0.01	55.96 4.48 -0.01	55.95 4.15 -0.01	61.04 4.20 -0.01	63.06 4.72 0.00	65.03 5.70 -0.01	67.56 6.36 -0.01	71.74 7.17 -0.01	71.93 5.14 0.00	92.85 6.88 -2.97	103.31 10.22 0.63	123.56 13.33 -0.90	171.91 16.19 -24.09	272.65 17.09 -109.38	334.52 21.64 -127.83	377.19 28.89 -105.39	334.13 33.12 -20.17	278.16 25.74 -20.54	194.98 17.36 -18.33	107.51 7.56 -0.46	85.21 3.59 0.00	66.50 3.59 6.26
STURGEON_POOL_HYD 23609	75.49 2.06 0.00	65.17 2.51 0.00	60.97 2.79 0.00	54.16 2.68 0.00	54.07 2.28 0.00	59.10 2.27 0.00	61.26 2.92 0.00	62.59 3.26 0.00	64.56 3.37 0.00	68.38 3.81 0.00	70.73 3.94 0.00	88.34 5.39 0.04	100.66 7.87 0.93	119.10 10.28 0.50	142.04 12.64 2.23	154.96 14.62 5.84	194.59 18.88 9.34	252.68 24.78 15.00	304.44 28.36 4.77	252.62 22.03 1.29	182.47 14.97 -8.22	106.67 7.66 0.48	85.87 4.24 0.00	71.93 2.77 0.00

ST_LAW_115_BK7_LBMP 345037	73.43 0.00 0.00	62.60 -0.06 0.00	57.77 -0.40 0.00	50.96 -0.51 0.00	51.54 -0.26 0.00	56.82 0.00 0.00	57.76 -0.58 0.00	58.61 -0.71 0.00	60.21 -0.98 0.00	63.47 -1.10 0.00	65.52 -1.27 0.00	81.24 -1.75 0.00	90.63 -3.09 0.00	104.30 -5.03 0.00	125.31 -6.32 0.00	139.17 -7.01 0.00	176.54 -8.51 0.00	232.22 -10.68 0.00	268.49 -12.35 0.00	221.92 -9.96 0.00	152.44 -6.84 0.00	95.81 -3.68 0.00	80.32 -1.31 0.00	69.02 -0.14 0.00
ST_LAW_115_BK8_LBMP 345038	73.43 0.00 0.00	62.60 -0.06 0.00	57.77 -0.40 0.00	50.96 -0.51 0.00	51.54 -0.26 0.00	56.82 0.00 0.00	57.76 -0.58 0.00	58.61 -0.71 0.00	60.21 -0.98 0.00	63.47 -1.10 0.00	65.52 -1.27 0.00	81.24 -1.75 0.00	90.63 -3.09 0.00	104.30 -5.03 0.00	125.31 -6.32 0.00	139.17 -7.01 0.00	176.54 -8.51 0.00	232.22 -10.68 0.00	268.49 -12.35 0.00	221.92 -9.96 0.00	152.44 -6.84 0.00	95.81 -3.68 0.00	80.32 -1.31 0.00	69.02 -0.14 0.00
ST_LAW_230_BK5_LBMP 345035	73.43 0.00 0.00	62.54 -0.13 0.00	57.77 -0.40 0.00	50.96 -0.51 0.00	51.54 -0.26 0.00	56.77 -0.06 0.00	57.76 -0.58 0.00	58.61 -0.71 0.00	60.28 -0.92 0.00	63.53 -1.04 0.00	65.59 -1.20 0.00	81.33 -1.66 0.00	90.81 -2.91 0.00	104.74 -4.59 0.00	125.84 -5.79 0.00	139.75 -6.43 0.00	177.46 -7.60 0.00	233.18 -9.72 0.00	269.60 -11.24 0.00	222.84 -9.05 0.00	153.07 -6.21 0.00	96.10 -3.38 0.00	80.40 -1.22 0.00	68.95 -0.21 0.00
ST_LAW_230_BK6_LBMP 345036	73.43 0.00 0.00	62.54 -0.13 0.00	57.77 -0.40 0.00	50.96 -0.51 0.00	51.54 -0.26 0.00	56.77 -0.06 0.00	57.76 -0.58 0.00	58.61 -0.71 0.00	60.28 -0.92 0.00	63.53 -1.04 0.00	65.59 -1.20 0.00	81.33 -1.66 0.00	90.81 -2.91 0.00	104.74 -4.59 0.00	125.84 -5.79 0.00	139.75 -6.43 0.00	177.46 -7.60 0.00	233.18 -9.72 0.00	269.60 -11.24 0.00	222.84 -9.05 0.00	153.07 -6.21 0.00	96.10 -3.38 0.00	80.40 -1.22 0.00	68.95 -0.21 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	74.90 1.47 0.00	64.73 2.07 0.00	60.50 2.33 0.00	53.74 2.27 0.00	53.71 1.92 0.00	58.70 1.88 0.00	60.85 2.51 0.00	62.23 2.91 0.00	64.25 3.06 0.00	68.05 3.49 0.00	70.39 3.61 0.00	87.55 4.56 0.00	100.65 6.93 0.00	117.61 9.18 0.90	144.79 11.32 -1.84	176.52 13.01 -17.33	235.57 16.84 -33.68	307.97 21.86 -43.20	328.87 24.71 -23.32	274.15 19.25 -23.02	192.88 12.90 -20.70	106.29 6.37 -0.43	85.22 3.59 0.00	71.37 2.21 0.00
SWANROAD_115KV_TB1 355699	73.87 0.44 0.00	61.79 -0.88 0.00	55.97 -2.21 0.00	49.16 -2.32 0.00	49.57 -2.23 0.00	54.72 -2.10 0.00	55.54 -2.80 0.00	56.06 -3.26 0.00	59.17 -2.02 0.00	62.56 -2.00 0.00	65.32 -1.47 0.00	81.16 -1.83 0.00	91.75 -1.97 0.00	104.30 -5.03 0.00	126.76 -4.87 0.00	139.02 -7.16 0.00	171.36 -13.69 0.00	223.47 -19.43 0.00	261.20 -22.19 -2.55	219.13 -15.30 -2.55	152.06 -9.72 -2.49	94.61 -4.87 0.00	79.26 -2.37 0.00	67.43 -1.73 0.00
SYNERGY___BIOGAS 323694	75.85 2.42 0.00	62.79 0.13 0.00	58.29 0.12 0.00	51.22 -0.26 0.00	51.64 -0.16 0.00	56.71 -0.11 0.00	58.22 -0.12 0.00	58.91 -0.42 0.00	61.86 0.67 0.00	64.37 -0.19 0.00	67.25 0.47 0.00	83.74 0.75 0.00	94.84 1.12 0.00	108.23 -1.09 0.00	131.50 -0.13 0.00	144.72 -1.46 0.00	179.69 -5.37 0.00	235.13 -7.77 0.00	275.31 -7.86 -2.34	230.51 -3.71 -2.34	159.34 -2.23 -2.29	98.99 -0.50 0.00	82.28 0.65 0.00	69.37 0.21 0.00
SYRACUSE___ENERGY_ST1 323597	73.21 -0.22 0.00	62.10 -0.56 0.00	57.59 -0.58 0.00	50.91 -0.57 0.00	51.12 -0.67 0.00	55.97 -0.85 0.00	57.81 -0.53 0.00	58.85 -0.47 0.00	60.95 -0.24 0.00	64.37 -0.19 0.00	66.79 0.00 0.00	83.16 0.17 0.00	94.28 0.56 0.00	109.87 0.55 0.00	132.68 1.05 0.00	146.91 0.73 0.00	185.61 0.56 0.00	243.39 0.49 0.00	281.68 0.84 0.00	233.04 1.16 0.00	160.08 0.80 0.00	100.08 0.60 0.00	81.79 0.16 0.00	68.81 -0.35 0.00
SYRACUSE___ENERGY_ST2 323598	73.21 -0.22 0.00	62.10 -0.56 0.00	57.59 -0.58 0.00	50.91 -0.57 0.00	51.12 -0.67 0.00	55.97 -0.85 0.00	57.81 -0.53 0.00	58.85 -0.47 0.00	60.95 -0.24 0.00	64.37 -0.19 0.00	66.79 0.00 0.00	83.16 0.17 0.00	94.28 0.56 0.00	109.87 0.55 0.00	132.68 1.05 0.00	146.91 0.73 0.00	185.61 0.56 0.00	243.39 0.49 0.00	281.68 0.84 0.00	233.04 1.16 0.00	160.08 0.80 0.00	100.08 0.60 0.00	81.79 0.16 0.00	68.81 -0.35 0.00
SYRACUSE___POWER 24017	73.28 -0.15 0.00	62.16 -0.50 0.00	57.65 -0.52 0.00	50.96 -0.51 0.00	51.22 -0.57 0.00	56.09 -0.74 0.00	57.93 -0.41 0.00	58.97 -0.36 0.00	61.13 -0.06 0.00	64.57 0.00 0.00	66.99 0.20 0.00	83.40 0.41 0.00	94.65 0.94 0.00	110.31 0.98 0.00	133.21 1.58 0.00	147.50 1.32 0.00	186.16 1.11 0.00	244.36 1.46 0.00	282.80 1.97 0.00	233.97 2.09 0.00	160.71 1.43 0.00	100.38 0.90 0.00	82.03 0.41 0.00	68.95 -0.21 0.00
TALLMAN_138KV_BK151 55660	74.90 1.47 0.00	64.86 2.19 0.00	60.74 2.56 0.00	53.95 2.47 0.00	53.87 2.07 0.00	58.81 1.99 0.00	61.08 2.74 0.00	62.53 3.20 0.00	64.62 3.43 0.00	68.50 3.94 0.00	70.93 4.14 0.00	88.22 5.23 0.00	101.68 7.97 0.00	118.30 10.39 1.42	146.16 12.77 -1.77	180.62 14.62 -19.82	246.67 18.69 -42.92	324.60 24.29 -57.40	332.50 27.24 -24.43	277.09 21.10 -24.10	195.06 14.18 -21.60	106.70 6.77 -0.45	85.38 3.75 0.00	71.44 2.28 0.00
TEALLAVE_115KV_TB7 355573	73.06 -0.37 0.00	61.91 -0.75 0.00	57.48 -0.70 0.00	50.81 -0.67 0.00	51.07 -0.73 0.00	55.91 -0.91 0.00	57.70 -0.64 0.00	58.79 -0.53 0.00	60.95 -0.24 0.00	64.37 -0.19 0.00	66.79 0.00 0.00	83.16 0.17 0.00	94.37 0.66 0.00	109.98 0.66 0.00	132.68 1.05 0.00	147.06 0.88 0.00	185.42 0.37 0.00	243.15 0.24 0.00	281.40 0.56 0.00	232.81 0.93 0.00	159.92 0.64 0.00	99.98 0.50 0.00	81.63 0.00 0.00	68.68 -0.48 0.00
TELGRAPH_34_KV_EAST 80808	75.34 1.91 0.00	62.54 -0.13 0.00	57.25 -0.93 0.00	50.29 -1.18 0.00	50.71 -1.09 0.00	55.69 -1.14 0.00	57.00 -1.34 0.00	57.60 -1.72 0.00	60.64 -0.55 0.00	63.98 -0.58 0.00	66.79 0.00 0.00	82.99 0.00 0.00	94.00 0.28 0.00	107.03 -2.30 0.00	130.05 -1.58 0.00	142.96 -3.22 0.00	176.91 -8.14 0.00	231.00 -11.90 0.00	270.34 -12.92 -2.42	226.42 -7.88 -2.42	156.71 -4.94 -2.37	97.50 -1.99 0.00	81.30 -0.33 0.00	68.81 -0.35 0.00
TEMPLE___115KV_TB 2 55572	73.06 -0.37 0.00	61.98 -0.69 0.00	57.54 -0.64 0.00	50.86 -0.62 0.00	51.07 -0.73 0.00	55.91 -0.91 0.00	57.76 -0.58 0.00	58.85 -0.47 0.00	61.01 -0.18 0.00	64.44 -0.13 0.00	66.85 0.07 0.00	83.24 0.25 0.00	94.47 0.75 0.00	110.09 0.77 0.00	132.81 1.18 0.00	147.20 1.02 0.00	185.79 0.74 0.00	243.39 0.49 0.00	281.68 0.84 0.00	233.04 1.16 0.00	160.08 0.80 0.00	100.08 0.60 0.00	81.71 0.08 0.00	68.75 -0.41 0.00
TIANA___69_KV_BK 1 55817	78.57 5.14 0.00	68.37 5.70 0.00	63.82 5.64 0.00	56.58 5.10 0.00	56.25 4.45 0.00	61.37 4.55 0.00	63.36 5.02 0.00	65.37 6.05 0.00	68.11 6.91 0.00	72.57 8.01 0.00	73.20 6.41 0.00	94.82 8.96 -2.86	106.20 13.12 0.64	126.81 16.62 -0.87	175.82 20.14 -24.05	274.97 19.73 -109.05	337.45 24.80 -127.60	381.56 33.52 -105.13	337.63 36.79 -20.00	280.27 28.06 -20.33	198.13 20.55 -18.31	109.20 9.25 -0.46	86.93 5.31 0.00	65.42 2.56 6.30

TILDEN___115KV_TB1 80814	73.28 -0.15 0.00	62.16 -0.50 0.00	57.65 -0.52 0.00	50.96 -0.51 0.00	51.22 -0.57 0.00	56.09 -0.74 0.00	57.93 -0.41 0.00	58.97 -0.36 0.00	61.13 -0.06 0.00	64.57 0.00 0.00	66.99 0.20 0.00	83.40 0.41 0.00	94.65 0.94 0.00	110.31 0.98 0.00	133.21 1.58 0.00	147.50 1.32 0.00	186.16 1.11 0.00	244.36 1.46 0.00	282.80 1.97 0.00	233.97 2.09 0.00	160.71 1.43 0.00	100.38 0.90 0.00	82.03 0.41 0.00	68.95 -0.21 0.00
TRIGEN___CC 323695	76.74 3.30 0.00	66.55 3.89 0.00	62.25 4.07 0.00	55.39 3.91 0.00	55.26 3.47 0.00	60.29 3.47 0.00	62.42 4.08 0.00	64.07 4.75 0.00	66.33 5.14 0.00	70.25 5.68 0.00	71.80 5.01 0.00	112.30 6.64 -22.67	105.65 9.93 -2.00	124.20 12.57 -2.30	175.88 15.40 -28.86	330.97 17.54 -167.25	376.41 22.02 -169.33	423.55 28.91 -151.74	363.77 32.86 -50.07	315.03 25.97 -57.18	199.37 17.20 -22.89	107.81 7.86 -0.47	86.87 5.22 -0.02	72.69 2.42 -1.11
TRINITY___115KV___4 BK 55933	73.50 0.07 0.00	63.29 0.63 0.00	59.17 0.99 0.00	52.66 1.18 0.00	52.78 0.98 0.00	57.51 0.68 0.00	59.39 1.05 0.00	60.51 1.19 0.00	62.23 1.04 0.00	65.47 0.90 0.00	67.59 0.80 0.00	83.99 1.00 0.00	95.78 2.06 0.00	112.60 3.17 -0.10	135.08 3.69 0.23	133.66 4.97 17.49	169.48 7.03 22.60	225.23 8.99 26.66	294.11 10.11 -3.16	244.09 7.65 -4.55	177.34 5.10 -12.96	104.84 2.69 -2.67	82.69 1.06 0.00	69.51 0.35 0.00
UNION___PROCESSING_DRP 323587	75.34 1.91 0.00	62.67 0.00 0.00	57.77 -0.41 0.00	50.86 -0.62 0.00	51.28 -0.52 0.00	55.97 -0.85 0.00	57.81 -0.53 0.00	58.73 -0.59 0.00	61.44 0.24 0.00	65.02 0.45 0.00	67.86 1.07 0.00	84.40 1.41 0.00	95.59 1.87 0.00	109.87 0.55 0.00	133.21 1.58 0.00	147.06 0.88 0.00	183.57 -1.48 0.00	240.23 -2.67 0.00	278.31 -2.53 0.00	231.65 -0.23 0.00	159.28 0.00 0.00	99.98 0.50 0.00	82.69 1.06 0.00	69.58 0.41 0.00
UPPER HUDSON___HYD 24058	76.74 3.31 0.00	65.74 3.07 0.00	61.20 3.02 0.00	54.10 2.62 0.00	54.28 2.49 0.00	59.50 2.67 0.00	61.60 3.27 0.00	62.64 3.32 0.00	64.43 3.24 0.00	67.40 2.84 0.00	69.12 2.34 0.00	85.97 2.98 0.00	97.83 4.12 0.00	114.89 5.46 -0.10	138.13 6.71 0.21	169.12 8.92 -14.02	212.63 12.02 -15.55	276.53 16.03 -17.60	407.20 21.07 -105.29	353.66 17.86 -103.92	265.37 12.90 -93.20	112.56 8.25 -4.82	86.85 5.23 0.00	72.55 3.39 0.00
UPPER RAQUET___HYD 24056	74.38 0.95 0.00	63.29 0.63 0.00	58.29 0.12 0.00	51.38 -0.10 0.00	52.05 0.26 0.00	57.51 0.68 0.00	58.52 0.18 0.00	59.09 -0.24 0.00	60.15 -1.04 0.00	63.21 -1.36 0.00	65.05 -1.74 0.00	80.50 -2.49 0.00	89.69 -4.03 0.00	101.01 -8.31 0.00	120.97 -10.66 0.00	134.20 -11.98 0.00	170.62 -14.43 0.00	224.93 -17.97 0.00	260.61 -20.22 0.00	216.35 -15.53 0.00	148.61 -10.67 0.00	94.71 -4.77 0.00	81.06 -0.57 0.00	69.92 0.76 0.00
VALLEY44_115KV_TB2 355964	74.75 1.32 0.00	62.10 -0.56 0.00	57.01 -1.16 0.00	50.24 -1.24 0.00	50.55 -1.24 0.00	55.18 -1.65 0.00	57.23 -1.11 0.00	57.96 -1.36 0.00	60.95 -0.24 0.00	64.63 0.06 0.00	67.39 0.60 0.00	84.15 1.16 0.00	95.68 1.97 0.00	109.44 0.11 0.00	132.94 1.32 0.00	145.89 -0.29 0.00	181.35 -3.70 0.00	236.83 -6.07 0.00	277.85 -6.18 -3.19	232.52 -2.55 -3.19	160.96 -1.43 -3.11	99.29 -0.20 0.00	82.28 0.65 0.00	69.37 0.21 0.00
VALLEY___115KV_TB 1-4 80826	74.09 0.66 0.00	63.29 0.63 0.00	58.82 0.64 0.00	52.04 0.57 0.00	52.26 0.47 0.00	57.39 0.57 0.00	59.16 0.82 0.00	60.15 0.83 0.00	62.05 0.86 0.00	65.47 0.90 0.00	67.72 0.94 0.00	84.23 1.24 0.00	95.50 1.78 0.00	111.51 2.19 0.00	134.26 2.63 0.00	149.10 2.92 0.00	188.38 3.33 0.00	247.28 4.37 0.00	286.17 5.34 0.00	236.29 4.41 0.00	162.15 2.87 0.00	101.28 1.79 0.00	82.61 0.98 0.00	69.78 0.62 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	76.37 2.94 0.00	65.30 2.63 0.00	60.91 2.73 0.00	54.00 2.52 0.00	54.13 2.33 0.00	59.32 2.50 0.00	61.43 3.09 0.00	62.47 3.14 0.00	64.56 3.37 0.00	68.18 3.62 0.00	70.59 3.81 0.00	87.80 4.81 0.00	100.18 6.47 0.00	117.31 7.98 0.00	141.74 9.74 -0.37	158.74 10.67 -1.89	200.64 12.95 -2.63	262.35 16.76 -2.69	314.03 19.66 -13.54	261.89 16.46 -13.54	183.66 11.15 -13.23	106.91 6.77 -0.66	85.95 4.33 0.00	72.13 2.97 0.00
VISCHER___FERRY HYD 24020	75.27 1.84 0.00	64.73 2.06 0.00	60.44 2.27 0.00	53.59 2.11 0.00	53.76 1.97 0.00	58.76 1.93 0.00	60.73 2.39 0.00	61.87 2.55 0.00	63.64 2.45 0.00	66.89 2.32 0.00	68.99 2.20 0.00	85.64 2.65 0.00	97.65 3.94 0.00	115.01 5.57 -0.11	138.11 6.71 0.23	181.59 8.33 -27.08	227.34 11.10 -31.19	292.90 14.33 -35.66	426.20 16.85 -128.51	371.54 13.68 -125.98	276.31 9.40 -107.63	108.91 5.47 -3.95	84.89 3.27 0.00	71.23 2.07 0.00
V_A_10_SYNC_DSASP 323832	74.61 1.17 0.00	61.79 -0.88 0.00	56.90 -1.28 0.00	50.04 -1.44 0.00	50.40 -1.40 0.00	54.89 -1.93 0.00	56.59 -1.75 0.00	57.31 -2.02 0.00	60.27 -0.92 0.00	63.79 -0.77 0.00	66.52 -0.27 0.00	82.74 -0.25 0.00	93.53 -0.19 0.00	106.81 -2.51 0.00	129.65 -1.97 0.00	142.53 -3.65 0.00	176.54 -8.51 0.00	230.52 -12.39 0.00	269.34 -13.76 -2.26	225.33 -8.81 -2.26	156.07 -5.42 -2.21	96.90 -2.59 0.00	80.73 -0.90 0.00	68.33 -0.83 0.00
V_CMM_10_SYNC_DSASP 323787	73.87 0.44 0.00	62.92 0.25 0.00	58.06 -0.12 0.00	51.22 -0.26 0.00	51.85 0.05 0.00	57.11 0.29 0.00	58.11 -0.23 0.00	58.97 -0.35 0.00	60.58 -0.61 0.00	63.86 -0.71 0.00	65.85 -0.94 0.00	81.75 -1.24 0.00	91.19 -2.53 0.00	104.74 -4.59 0.00	125.84 -5.79 0.00	139.61 -6.58 0.00	177.29 -7.77 0.00	233.18 -9.72 0.00	269.31 -11.53 0.00	222.60 -9.28 0.00	152.90 -6.38 0.00	96.30 -3.19 0.00	80.73 -0.90 0.00	69.37 0.21 0.00
V_CMP_10_SYNC_DSASP 323788	74.02 0.58 0.00	62.98 0.31 0.00	58.12 -0.06 0.00	51.58 0.10 0.00	52.21 0.41 0.00	57.11 0.29 0.00	58.05 -0.29 0.00	58.97 -0.35 0.00	60.64 -0.55 0.00	63.92 -0.65 0.00	65.92 -0.87 0.00	81.75 -1.24 0.00	91.09 -2.62 0.00	104.52 -4.81 0.00	125.31 -6.32 0.00	139.02 -7.16 0.00	176.92 -8.14 0.00	233.18 -9.72 0.00	269.60 -11.24 0.00	222.84 -9.05 0.00	153.23 -6.05 0.00	96.51 -2.98 0.00	80.97 -0.66 0.00	69.51 0.35 0.00
V_D_10_SYNC_DSASP 323841	74.32 0.88 0.00	63.29 0.63 0.00	58.41 0.23 0.00	51.53 0.05 0.00	52.16 0.37 0.00	57.56 0.74 0.00	58.52 0.18 0.00	59.32 0.00 0.00	60.83 -0.36 0.00	64.12 -0.45 0.00	66.12 -0.67 0.00	81.83 -1.16 0.00	91.28 -2.44 0.00	103.97 -5.35 0.00	124.65 -6.98 0.00	138.43 -7.75 0.00	175.81 -9.25 0.00	231.25 -11.66 0.00	267.36 -13.48 0.00	221.22 -10.66 0.00	151.96 -7.32 0.00	95.91 -3.58 0.00	81.22 -0.41 0.00	69.78 0.62 0.00
V_E_10_SYNC_DSASP 323830	80.84 7.41 0.00	68.31 5.64 0.00	63.24 5.06 0.00	55.96 4.48 0.00	55.99 4.19 0.00	61.54 4.71 0.00	64.12 5.78 0.00	65.02 5.70 0.00	67.13 5.93 0.00	70.63 6.07 0.00	73.14 6.35 0.00	90.96 7.97 0.00	103.18 9.46 0.00	120.70 11.37 0.00	145.72 14.09 0.00	161.83 15.65 0.00	204.12 19.06 0.00	268.91 26.00 0.00	320.05 32.00 -7.21	267.84 28.75 -7.21	185.76 19.43 -7.05	112.63 12.84 -0.30	90.44 8.82 0.00	75.66 6.50 0.00

V_F_30_NSYNC___DSASP 323816	76.66 3.23 0.00	65.74 3.07 0.00	61.26 3.08 0.00	54.26 2.78 0.00	54.43 2.64 0.00	59.55 2.73 0.00	61.60 3.27 0.00	62.64 3.32 0.00	64.37 3.18 0.00	67.54 2.97 0.00	69.59 2.80 0.00	86.56 3.57 0.00	98.49 4.78 0.00	115.76 6.34 -0.10	139.18 7.76 0.21	171.68 9.80 -15.70	215.57 12.95 -17.57	279.82 17.00 -19.92	409.66 20.49 -108.33	356.10 17.40 -106.81	266.48 12.10 -95.11	111.66 7.47 -4.71	86.44 4.81 0.00	72.48 3.32 0.00
V_F_30_SYNC_DSASP 323786	73.87 0.44 0.00	63.61 0.94 0.00	59.40 1.22 0.00	52.87 1.39 0.00	52.99 1.19 0.00	57.73 0.91 0.00	59.68 1.34 0.00	60.81 1.48 0.00	62.54 1.35 0.00	65.79 1.23 0.00	67.99 1.20 0.00	84.40 1.41 0.00	96.25 2.53 0.00	113.15 3.72 -0.10	135.88 4.48 0.22	153.94 5.85 -1.91	194.04 8.14 -0.85	253.63 10.20 -0.52	349.44 11.51 -57.09	297.47 8.81 -56.77	218.74 5.89 -53.57	105.95 3.28 -3.17	83.18 1.55 0.00	69.85 0.69 0.00
V_XM_10_SYNC_DSASP 323789	74.02 0.58 0.00	62.98 0.31 0.00	58.12 -0.06 0.00	51.58 0.10 0.00	52.21 0.41 0.00	57.11 0.29 0.00	58.05 -0.29 0.00	58.97 -0.35 0.00	60.64 -0.55 0.00	63.92 -0.65 0.00	65.92 -0.87 0.00	81.75 -1.24 0.00	91.09 -2.62 0.00	104.52 -4.81 0.00	125.31 -6.32 0.00	139.02 -7.16 0.00	176.92 -8.14 0.00	233.18 -9.72 0.00	269.60 -11.24 0.00	222.84 -9.05 0.00	153.23 -6.05 0.00	96.51 -2.98 0.00	80.97 -0.66 0.00	69.51 0.35 0.00
W.BABYLN_69_KV_BK1 56697	78.50 5.07 0.00	68.37 5.70 0.00	63.82 5.64 0.00	56.63 5.15 0.00	56.46 4.66 0.00	61.60 4.77 0.00	63.71 5.37 0.00	65.55 6.23 0.00	68.05 6.85 0.00	72.25 7.68 0.00	72.81 6.01 -0.01	97.46 7.97 -6.51	105.46 11.90 0.16	125.30 14.87 -1.10	174.72 18.16 -24.92	285.99 20.17 -119.64	345.41 25.54 -134.82	390.11 34.01 -113.20	344.80 38.76 -25.20	289.26 30.38 -27.00	198.61 20.23 -19.10	109.30 9.35 -0.46	87.75 6.12 -0.01	67.10 3.04 5.10
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	75.19 1.76 0.00	65.05 2.38 0.00	60.91 2.73 0.00	54.10 2.63 0.00	54.02 2.23 0.00	58.98 2.16 0.00	61.26 2.92 0.00	62.71 3.38 0.00	64.86 3.67 0.00	68.70 4.13 0.00	71.13 4.34 0.00	88.47 5.48 0.00	101.96 8.25 0.00	118.23 10.71 1.81	145.58 13.16 -0.79	178.21 15.20 -16.83	247.63 19.43 -43.15	329.38 25.26 -61.21	333.96 28.36 -24.75	278.34 22.03 -24.43	195.81 14.65 -21.87	107.10 7.16 -0.45	85.71 4.08 0.00	71.65 2.49 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	75.56 2.13 0.00	65.67 3.01 0.00	61.61 3.43 0.00	54.82 3.35 0.00	54.69 2.90 0.00	59.67 2.84 0.00	62.02 3.68 0.00	63.48 4.15 0.00	65.72 4.53 0.00	69.67 5.10 0.00	72.13 5.34 0.00	89.55 6.56 0.00	103.46 9.75 0.00	124.11 12.46 -2.32	170.15 15.27 -23.26	274.98 17.25 -111.55	335.39 22.02 -128.31	382.13 28.66 -110.56	339.12 32.30 -25.98	282.55 25.04 -25.63	199.05 16.88 -22.88	108.11 8.16 -0.47	86.28 4.65 0.00	72.13 2.97 0.00
W50THST__13_KV_LOAD 356117	75.93 2.50 0.00	66.11 3.45 0.00	61.96 3.78 0.00	55.19 3.71 0.00	55.06 3.26 0.00	60.06 3.24 0.00	62.48 4.14 0.00	64.01 4.69 0.00	66.33 5.14 0.00	70.31 5.75 0.00	72.73 5.94 0.00	90.38 7.39 0.00	103.62 10.68 0.78	123.47 13.45 -0.69	171.60 16.72 -23.26	276.59 18.86 -111.55	337.05 23.69 -128.31	384.55 31.09 -110.56	341.36 34.54 -25.98	284.64 27.13 -25.63	200.48 18.32 -22.88	108.81 8.85 -0.47	86.77 5.14 0.00	72.55 3.39 0.00
WADING RIVER_IC_1 23522	77.26 3.82 -0.01	67.25 4.57 -0.01	62.78 4.59 -0.01	55.45 3.96 -0.01	55.43 3.62 -0.01	60.41 3.58 -0.01	62.42 4.08 0.00	64.43 5.10 -0.01	66.95 5.75 -0.01	71.16 6.59 -0.01	71.60 4.81 0.00	92.65 6.81 -2.85	103.29 9.75 0.64	123.64 12.46 -0.87	172.13 15.27 -24.05	271.71 17.25 -109.01	333.16 22.02 -127.57	375.69 28.66 -105.10	332.27 32.30 -19.98	276.76 25.04 -20.31	195.10 16.88 -18.30	107.21 8.16 -0.46	84.81 4.65 0.00	65.83 2.97 6.30
WADING RIVER_IC_2 23547	77.26 3.82 -0.01	67.25 4.57 -0.01	62.78 4.59 -0.01	55.45 3.96 -0.01	55.43 3.62 -0.01	60.41 3.58 -0.01	62.42 4.08 0.00	64.43 5.10 -0.01	66.95 5.75 -0.01	71.16 6.59 -0.01	71.60 4.81 0.00	92.65 6.81 -2.85	103.29 9.75 0.64	123.64 12.46 -0.87	172.13 15.27 -24.05	271.71 17.25 -109.01	333.16 22.02 -127.57	375.69 28.66 -105.10	332.27 32.30 -19.98	276.76 25.04 -20.31	195.10 16.88 -18.30	107.21 8.16 -0.46	84.81 4.65 0.00	65.83 2.97 6.30
WADING RIVER_IC_3 23601	77.26 3.82 -0.01	67.25 4.57 -0.01	62.78 4.59 -0.01	55.45 3.96 -0.01	55.43 3.62 -0.01	60.41 3.58 -0.01	62.42 4.08 0.00	64.43 5.10 -0.01	66.95 5.75 -0.01	71.16 6.59 -0.01	71.60 4.81 0.00	92.65 6.81 -2.85	103.29 9.75 0.64	123.64 12.46 -0.87	172.13 15.27 -24.05	271.71 17.25 -109.01	333.16 22.02 -127.57	375.69 28.66 -105.10	332.27 32.30 -19.98	276.76 25.04 -20.31	195.10 16.88 -18.30	107.21 8.16 -0.46	84.81 4.65 0.00	65.83 2.97 6.30
WALDENNY_12_KV_BK2 80841	76.15 2.72 0.00	63.10 0.44 0.00	57.77 -0.41 0.00	50.76 -0.72 0.00	51.17 -0.62 0.00	55.91 -0.91 0.00	57.52 -0.82 0.00	58.14 -1.19 0.00	61.38 0.18 0.00	65.02 0.45 0.00	67.92 1.14 0.00	84.57 1.58 0.00	95.87 2.16 0.00	109.33 0.00 0.00	132.68 1.05 0.00	145.60 -0.58 0.00	180.06 -5.00 0.00	234.89 -8.02 0.00	275.20 -8.43 -2.79	230.27 -4.41 -2.79	159.46 -2.55 -2.73	98.99 -0.50 0.00	82.44 0.82 0.00	69.78 0.62 0.00
WALDEN___HYDRO 24148	75.41 1.98 0.00	65.11 2.44 0.00	60.85 2.68 0.00	54.05 2.57 0.00	53.97 2.18 0.00	58.98 2.16 0.00	61.20 2.86 0.00	62.53 3.20 0.00	64.56 3.37 0.00	68.38 3.81 0.00	70.73 3.94 0.00	87.97 4.98 0.00	101.12 7.40 0.00	118.68 9.62 0.27	144.14 11.98 -0.54	166.92 13.89 -6.86	215.11 17.95 -12.10	281.77 23.56 -15.30	330.08 26.68 -22.56	275.31 21.10 -22.32	193.80 14.18 -20.34	107.22 7.26 -0.47	85.87 4.24 0.00	71.86 2.70 0.00
WARRENSBURG____ 23737	76.74 3.30 0.00	65.74 3.07 0.00	61.20 3.03 0.00	54.16 2.68 0.00	54.28 2.49 0.00	59.49 2.67 0.00	61.61 3.27 0.00	62.65 3.32 0.00	64.43 3.24 0.00	67.41 2.84 0.00	69.12 2.34 0.00	86.06 3.07 0.00	98.03 4.31 0.00	114.89 5.47 -0.10	138.13 6.71 0.21	169.26 9.06 -14.02	212.82 12.21 -15.55	276.78 16.27 -17.60	407.19 21.06 -105.29	353.66 17.86 -103.92	265.38 12.90 -93.20	112.56 8.26 -4.82	86.85 5.22 0.00	72.55 3.39 0.00
WATERSIDE___6 8 9 23538	64.77 1.32 9.98	64.98 2.32 0.00	60.97 2.79 0.00	54.72 3.24 0.00	54.44 2.64 0.00	59.04 2.22 0.00	61.37 3.03 0.00	63.12 3.80 0.00	65.23 4.04 0.00	68.83 4.26 0.00	71.26 4.47 0.00	87.38 5.73 1.33	99.69 8.72 2.74	113.82 11.04 6.55	168.21 13.29 -23.29	273.27 15.35 -111.74	316.03 19.62 -111.36	379.14 25.26 -110.97	335.75 28.93 -25.98	279.77 22.26 -25.63	197.14 14.97 -22.89	101.73 6.96 4.72	76.26 3.75 9.12	65.20 2.28 6.24
WATKINRD_115KV_LN8_ILLION 55919	73.87 0.44 0.00	63.10 0.44 0.00	58.64 0.47 0.00	51.94 0.46 0.00	52.16 0.36 0.00	57.22 0.40 0.00	58.92 0.58 0.00	59.92 0.59 0.00	61.80 0.61 0.00	65.21 0.65 0.00	67.45 0.67 0.00	83.90 0.91 0.00	95.12 1.41 0.00	111.08 1.75 0.00	133.73 2.11 0.00	148.52 2.34 0.00	187.83 2.78 0.00	246.79 3.89 0.00	285.33 4.49 0.00	235.83 3.94 0.00	161.83 2.55 0.00	100.98 1.49 0.00	82.36 0.73 0.00	69.58 0.41 0.00

WDELAWARE___HYD 323627	75.34 1.91 0.00	64.86 2.19 0.00	60.56 2.39 0.00	53.59 2.11 0.00	53.71 1.92 0.00	58.76 1.93 0.00	60.97 2.63 0.00	62.29 2.96 0.00	64.31 3.12 0.00	67.99 3.42 0.00	70.32 3.54 0.00	87.45 4.48 0.01	99.85 6.46 0.33	117.79 8.85 0.39	142.32 11.06 0.36	162.39 13.01 -3.20	208.11 17.01 -6.04	272.25 22.83 -6.52	319.35 26.39 -12.12	266.37 21.32 -13.17	188.56 14.17 -15.11	106.73 7.17 -0.08	85.79 4.16 0.00	71.72 2.56 0.00
WEST BABYLON___IC 23714	78.50 5.07 0.00	68.37 5.70 0.00	63.82 5.64 0.00	56.63 5.15 0.00	56.46 4.66 0.00	61.60 4.77 0.00	63.71 5.37 0.00	65.55 6.23 0.00	68.05 6.85 0.00	72.25 7.68 0.00	72.81 6.01 -0.01	97.46 7.97 -6.51	105.46 11.90 0.16	125.30 14.87 -1.10	174.72 18.16 -24.92	285.99 20.17 -119.64	345.41 25.54 -134.82	390.11 34.01 -113.20	344.80 38.76 -25.20	289.26 30.38 -27.00	198.61 20.23 -19.10	109.30 9.35 -0.46	87.75 6.12 -0.01	67.10 3.04 5.10
WEST CANADA___HYD 24049	73.58 0.15 0.00	62.85 0.19 0.00	58.47 0.29 0.00	51.79 0.31 0.00	52.05 0.26 0.00	57.05 0.23 0.00	58.69 0.35 0.00	59.74 0.42 0.00	61.62 0.43 0.00	65.02 0.46 0.00	67.26 0.47 0.00	83.57 0.59 0.00	94.65 0.94 0.00	110.64 1.32 0.00	133.21 1.59 0.00	148.08 1.90 0.00	187.28 2.23 0.00	245.83 2.93 0.00	284.48 3.64 0.00	234.89 3.01 0.00	161.20 1.92 0.00	100.58 1.10 0.00	82.12 0.49 0.00	69.37 0.21 0.00
WESTERN_NY_WIND 24143	75.85 2.42 0.00	62.85 0.19 0.00	58.23 0.06 0.00	51.12 -0.36 0.00	51.59 -0.21 0.00	56.60 -0.23 0.00	58.11 -0.23 0.00	58.79 -0.53 0.00	61.74 0.55 0.00	64.44 -0.13 0.00	67.32 0.53 0.00	83.74 0.75 0.00	94.84 1.12 0.00	108.23 -1.09 0.00	131.50 -0.13 0.00	144.57 -1.61 0.00	179.50 -5.55 0.00	234.89 -8.02 0.00	275.07 -8.14 0.00	230.31 -3.94 0.00	159.37 -2.23 0.00	98.99 -0.50 0.00	82.28 0.65 0.00	69.44 0.28 0.00
WESTOVER___LESR 323668	74.75 1.32 0.00	63.29 0.63 0.00	58.70 0.52 0.00	51.94 0.46 0.00	52.16 0.36 0.00	57.05 0.23 0.00	59.04 0.70 0.00	60.04 0.71 0.00	62.29 1.10 0.00	65.86 1.29 0.00	68.32 1.54 0.00	85.06 2.07 0.00	96.81 3.09 0.00	112.50 3.17 0.00	135.97 4.34 0.00	150.27 4.09 0.00	189.12 4.07 0.00	248.01 5.10 0.00	293.16 6.46 -5.87	244.01 6.26 -5.87	169.48 4.46 -5.74	102.48 2.79 -0.20	83.67 2.04 0.00	70.27 1.11 0.00
WETHRSFD_WT_PWR 323626	75.63 2.20 0.00	62.79 0.13 0.00	57.77 -0.40 0.00	51.48 0.00 0.00	51.18 -0.62 0.00	55.86 -0.97 0.00	57.70 -0.64 0.00	58.14 -1.19 0.00	60.83 -0.36 0.00	64.37 -0.19 0.00	67.06 0.27 0.00	83.49 0.50 0.00	94.56 0.84 0.00	108.57 -0.76 0.00	131.36 -0.26 0.00	144.58 -1.60 0.00	179.32 -5.74 0.00	235.37 -7.53 0.00	274.76 -9.26 -3.18	229.74 -5.32 -3.18	160.16 -2.23 -3.11	99.89 0.40 0.00	82.61 0.98 0.00	69.65 0.49 0.00
WHAVSTOR_138KV_BK127 55557	74.75 1.32 0.00	64.73 2.07 0.00	60.62 2.44 0.00	53.85 2.37 0.00	53.81 2.02 0.00	58.70 1.88 0.00	60.97 2.63 0.00	62.35 3.03 0.00	64.50 3.30 0.00	68.31 3.74 0.00	70.66 3.87 0.00	87.89 4.90 0.00	101.31 7.59 0.00	117.38 9.95 1.89	144.44 12.24 -0.57	176.38 14.03 -16.17	246.18 17.95 -43.18	328.24 23.32 -62.01	331.78 26.12 -24.82	276.55 20.17 -24.49	194.75 13.54 -21.93	106.41 6.47 -0.45	85.14 3.51 0.00	71.24 2.07 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	74.75 1.32 0.00	64.73 2.07 0.00	60.62 2.44 0.00	53.85 2.37 0.00	53.81 2.02 0.00	58.70 1.88 0.00	60.97 2.63 0.00	62.35 3.03 0.00	64.50 3.30 0.00	68.31 3.74 0.00	70.66 3.87 0.00	87.89 4.90 0.00	101.31 7.59 0.00	117.38 9.95 1.89	144.44 12.24 -0.57	176.38 14.03 -16.17	246.18 17.95 -43.18	328.24 23.32 -62.01	331.78 26.12 -24.82	276.55 20.17 -24.49	194.75 13.54 -21.93	106.41 6.47 -0.45	85.14 3.51 0.00	71.24 2.07 0.00
WHITEHAL_115KV_TB1 80871	78.79 5.36 0.00	67.37 4.70 0.00	62.66 4.48 0.00	55.44 3.96 0.00	55.58 3.78 0.00	60.92 4.09 0.00	63.18 4.84 0.00	64.13 4.81 0.00	65.90 4.71 0.00	68.76 4.20 0.00	70.59 3.81 0.00	87.89 4.90 0.00	100.18 6.47 0.00	117.40 7.98 -0.10	141.16 9.74 0.21	173.61 12.72 -14.72	218.47 17.02 -16.39	284.54 23.08 -18.56	416.32 28.93 -106.55	362.05 25.04 -105.12	271.27 18.00 -93.99	115.90 11.64 -4.77	89.38 7.75 0.00	74.49 5.33 0.00
WHITEPLN_13_KV_LOAD 356215	76.44 3.01 0.00	66.18 3.51 0.00	61.90 3.72 0.00	55.03 3.55 0.00	54.95 3.16 0.00	59.95 3.13 0.00	62.31 3.97 0.00	63.89 4.57 0.00	66.09 4.90 0.00	70.25 5.68 0.00	72.73 5.94 0.00	90.54 7.55 0.00	104.49 10.78 0.00	125.86 14.10 -2.43	171.94 17.51 -22.80	275.02 20.17 -108.67	333.84 25.72 -123.06	380.61 33.52 -104.18	344.70 37.91 -25.94	286.23 28.75 -25.59	201.25 19.11 -22.85	109.20 9.25 -0.46	87.26 5.63 0.00	72.90 3.73 0.00
WM_FLOYD_69_KV_BK2 356380	77.91 4.48 0.00	67.80 5.14 0.00	63.30 5.12 0.00	56.11 4.63 0.00	55.89 4.09 0.00	60.97 4.15 0.00	63.01 4.67 0.00	64.90 5.58 0.00	67.49 6.30 0.00	71.67 7.10 0.00	72.00 5.21 0.00	93.29 7.39 -2.92	104.24 11.15 0.63	124.41 14.21 -0.87	173.07 17.37 -24.07	272.78 17.40 -109.21	334.78 22.02 -127.70	378.04 29.88 -105.25	334.34 33.42 -20.08	278.05 25.74 -20.43	196.39 18.80 -18.32	108.41 8.46 -0.46	86.44 4.82 0.00	64.96 2.07 6.28
WOODARD__115KV_TB2 355635	72.99 -0.44 0.00	61.91 -0.75 0.00	57.48 -0.70 0.00	50.81 -0.67 0.00	51.02 -0.78 0.00	55.91 -0.91 0.00	57.70 -0.64 0.00	58.73 -0.59 0.00	60.82 -0.37 0.00	64.24 -0.32 0.00	66.65 -0.13 0.00	82.99 0.00 0.00	94.18 0.47 0.00	109.76 0.44 0.00	132.42 0.79 0.00	146.62 0.44 0.00	185.24 0.19 0.00	242.91 0.00 0.00	281.12 0.28 0.00	232.58 0.70 0.00	159.60 0.32 0.00	99.79 0.30 0.00	81.54 -0.08 0.00	68.61 -0.55 0.00
WOODMERE_69_KV_BK1 55827	78.35 4.92 0.00	67.74 5.08 0.00	63.30 5.12 0.00	56.32 4.84 0.00	56.20 4.40 0.00	61.26 4.43 0.00	63.30 4.96 0.00	64.96 5.64 0.00	67.37 6.18 0.00	71.41 6.84 0.00	73.27 6.48 0.00	144.47 8.63 -52.85	111.78 12.28 -5.79	128.77 15.31 -4.14	186.25 18.43 -36.19	420.61 21.05 -253.38	428.49 25.35 -218.08	482.86 33.28 -206.68	404.46 37.91 -85.71	374.60 31.77 -110.95	208.69 20.71 -28.71	110.20 10.25 -0.47	88.86 7.18 -0.05	78.72 3.94 -5.62
YORK___WARBASSE 23770	75.26 1.84 0.01	65.24 2.57 0.00	61.09 2.91 0.00	54.93 3.45 0.00	54.54 2.75 0.00	59.15 2.33 0.00	61.43 3.09 0.00	63.35 4.03 0.00	65.60 4.41 0.00	69.21 4.65 0.00	71.73 4.94 0.00	92.60 6.39 -3.22	108.57 9.00 -5.86	133.28 11.26 -12.69	169.13 14.22 -23.29	273.86 15.93 -111.74	316.77 20.36 -111.36	380.35 26.48 -110.97	337.43 30.61 -25.98	281.40 23.88 -25.63	198.09 15.93 -22.89	102.33 7.56 4.72	85.94 4.33 0.01	65.62 2.70 6.24