

Day Ahead Market Generator LBMP

Generator Data		--- Marginal Cost of Losses														--- Marginal Cost of Congestion										07/28/2025		
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00			
59TH STREET_GT_1	24138	52.04	46.69	40.82	38.14	38.01	40.87	46.00	51.30	52.84	58.24	65.29	76.80	86.78	101.02	109.66	178.36	269.68	294.26	271.19	236.99	166.56	103.50	81.55	66.23			
		2.43	2.81	2.63	2.46	2.39	2.49	2.60	2.81	2.94	3.23	3.56	4.24	6.35	8.37	11.17	14.01	17.73	25.18	26.65	22.33	14.31	7.67	4.32	2.24			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.33	-0.28	-0.70	-1.09	-0.68	-0.53	-42.50	-100.41	-44.26	0.00	0.00	0.00	0.00	0.00	0.00			
74TH STREET_GT_1	24260	52.09	46.74	40.85	38.17	38.04	40.87	45.96	51.20	52.74	58.19	65.10	76.80	86.70	100.93	109.66	178.56	270.14	294.69	271.68	237.42	167.02	103.70	81.78	66.43			
		2.48	2.85	2.67	2.50	2.42	2.49	2.56	2.72	2.84	3.17	3.38	4.24	6.27	8.28	11.17	14.01	17.73	25.40	27.14	22.75	14.77	7.86	4.56	2.43			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.33	-0.28	-0.70	-1.09	-0.68	-0.53	-42.69	-100.86	-44.46	0.00	0.00	0.00	0.00	0.00	0.00			
74TH STREET_GT_2	24261	52.09	46.74	40.85	38.17	38.04	40.87	45.96	51.20	52.74	58.19	65.10	76.80	86.70	100.93	109.66	178.56	270.14	294.69	271.68	237.42	167.02	103.70	81.78	66.43			
		2.48	2.85	2.67	2.50	2.42	2.49	2.56	2.72	2.84	3.17	3.38	4.24	6.27	8.28	11.17	14.01	17.73	25.40	27.14	22.75	14.77	7.86	4.56	2.43			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.33	-0.28	-0.70	-1.09	-0.68	-0.53	-42.69	-100.86	-44.46	0.00	0.00	0.00	0.00	0.00	0.00			
ADK HUDSON___FALLS	24011	51.45	45.69	39.98	37.35	37.26	40.10	45.18	50.23	51.70	56.08	62.42	72.81	80.75	94.68	101.79	126.15	155.52	236.18	262.39	231.62	165.34	102.93	81.86	67.13			
		1.84	1.80	1.79	1.68	1.64	1.73	1.78	1.75	1.80	1.70	1.23	1.58	2.38	3.31	4.31	6.34	8.79	13.49	17.85	16.96	13.09	7.09	4.63	3.14			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.25	0.63	0.97	0.61	0.48	2.04	4.82	2.12	0.00	0.00	0.00	0.00	0.00	0.00			
ADK RESOURCE___RCVRY	23798	51.50	45.73	40.01	37.35	37.29	40.11	45.22	50.28	51.75	56.14	62.48	72.89	80.84	94.87	101.20	126.27	155.84	236.88	263.62	232.90	166.25	103.32	82.10	67.26			
		1.88	1.84	1.83	1.68	1.67	1.73	1.82	1.80	1.85	1.75	1.29	1.65	2.46	3.49	4.31	6.45	9.09	14.17	19.09	18.24	14.00	7.48	4.87	3.26			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.29	0.25	0.62	0.96	0.60	1.06	2.03	4.80	2.12	0.00	0.00	0.00	0.00	0.00	0.00			
ADK S GLENS___FALLS	24028	51.45	45.69	39.98	37.35	37.26	40.10	45.18	50.23	51.70	56.08	62.42	72.81	80.75	94.68	101.79	126.15	155.52	236.18	262.39	231.62	165.34	102.93	81.86	67.13			
		1.84	1.80	1.79	1.68	1.64	1.73	1.78	1.75	1.80	1.70	1.23	1.58	2.38	3.31	4.31	6.34	8.79	13.49	17.85	16.96	13.09	7.09	4.63	3.14			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.25	0.63	0.97	0.61	0.48	2.04	4.82	2.12	0.00	0.00	0.00	0.00	0.00	0.00			
ADK_NYS___DAM	23527	50.85	45.38	39.86	37.32	37.26	39.95	44.96	49.70	51.00	54.95	61.86	71.75	79.64	94.30	101.34	126.37	155.53	236.34	259.21	226.89	162.00	101.30	80.47	65.66			
		1.24	1.49	1.68	1.64	1.64	1.57	1.56	1.21	1.10	0.93	0.98	1.29	2.46	3.68	5.19	7.06	10.00	14.17	14.67	12.23	9.75	5.46	3.24	1.66			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.66	0.56	1.40	2.17	1.36	1.80	2.54	6.01	2.65	0.00	0.00	0.00	0.00	0.00	0.00			
AIR_PRODUCTS___DRP	24190	49.07	43.71	38.22	35.96	35.87	38.38	43.18	47.95	49.25	53.62	60.25	70.33	78.07	91.38	98.55	121.26	148.69	225.70	247.96	217.24	154.38	96.70	77.00	63.29			
		-0.55	-0.18	0.04	0.29	0.25	0.00	-0.22	-0.53	-0.65	-0.82	-0.98	-1.01	-0.48	-0.09	0.98	1.58	2.27	3.15	3.42	2.58	2.13	0.86	-0.23	-0.70			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.21	0.52	0.80	0.50	0.39	2.17	5.13	2.26	0.00	0.00	0.00	0.00	0.00	0.00			
AKWESSNE_115KV_BK	355683	49.51	43.67	37.80	35.36	35.30	38.26	43.53	48.83	50.20	54.96	61.75	72.07	78.55	90.41	93.65	116.82	145.93	217.40	248.27	208.59	147.53	92.87	76.53	64.12			
		-0.10	-0.22	-0.38	-0.32	-0.32	-0.12	0.13	0.34	0.30	0.27	0.31	0.22	-0.79	-1.56	-4.31	-5.48	-6.67	-7.42	-9.78	-8.37	-5.79	-2.97	-0.70	0.13			
		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	-0.45	-1.05	0.00	-13.51	-2.29	-1.06	0.00	0.00	0.00			
ALBANY_1_SOLAR	323833	49.37	43.93	38.45	36.00	35.94	38.49	43.36	48.00	49.00	53.43	59.83	69.75	75.25	84.69	94.54	111.31	131.46	186.48	210.48	218.07	155.27	95.18	77.54	63.74			
		-0.25	0.04	0.27	0.32	0.32	0.12	-0.04	-0.48	-0.90	-1.09	-1.48	-1.65	-1.27	-0.92	-0.10	0.37	1.07	1.79	3.42	3.42	3.04	1.44	0.31	-0.25			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.14	0.45	2.82	6.36	3.32	10.91	21.15	40.13	37.48	0.02	0.02	2.09	0.00	0.00			
ALBANY_2_SOLAR	323834	49.37	43.93	38.41	36.00	35.94	38.49	43.36	48.00	49.00	53.43	59.83	69.68	75.25	84.69	94.44	111.19	131.31	186.50	210.25	217.87	155.12	95.19	77.54	63.74			
		-0.25	0.04	0.23	0.32	0.32	0.12	-0.04	-0.48	-0.90	-1.09	-1.48	-1.73	-1.27	-0.92	-0.20	0.24	0.91	1.79	3.17	3.22	2.89	1.44	0.31	-0.25			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.14	0.45	2.82	6.36	3.32	10.90	21.14	40.11	37.46	0.02	0.02	2.09	0.00	0.00			
ALBANY___1	23571	49.07	43.71	38.22	35.96	35.87	38.38	43.18	47.95	49.25	53.62	60.25	70.33	78.07	91.38	98.55	121.26	148.69	225.70	247.96	217.24	154.38	96.70	77.00	63.29			
		-0.55	-0.18	0.04	0.29	0.25	0.00	-0.22	-0.53	-0.65	-0.82	-0.98	-1.01	-0.48	-0.09	0.98	1.58	2.27	3.15	3.42	2.58	2.13	0.86	-0.23	-0.70			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.21	0.52	0.80	0.50	0.39	2.17	5.13	2.26	0.00	0.00	0.00	0.00	0.00	0.00			

ALBANY___2 23572	49.07 -0.55 0.00	43.71 -0.18 0.00	38.22 0.04 0.00	35.96 0.29 0.00	35.87 0.25 0.00	38.38 0.00 0.00	43.18 -0.22 0.00	47.95 -0.53 0.00	49.25 -0.65 0.00	53.62 -0.82 0.24	60.25 -0.98 0.21	70.33 -1.01 0.52	78.07 -0.48 0.80	91.38 -0.09 0.50	98.55 0.98 0.39	121.26 1.58 2.17	148.69 2.27 5.13	225.70 3.15 2.26	247.96 3.42 0.00	217.24 2.58 0.00	154.38 2.13 0.00	96.70 0.86 0.00	77.00 -0.23 0.00	63.29 -0.70 0.00
ALBANY___3 23573	49.07 -0.55 0.00	43.71 -0.18 0.00	38.22 0.04 0.00	35.96 0.29 0.00	35.87 0.25 0.00	38.38 0.00 0.00	43.18 -0.22 0.00	47.95 -0.53 0.00	49.25 -0.65 0.00	53.62 -0.82 0.24	60.25 -0.98 0.21	70.33 -1.01 0.52	78.07 -0.48 0.80	91.38 -0.09 0.50	98.55 0.98 0.39	121.26 1.58 2.17	148.69 2.27 5.13	225.70 3.15 2.26	247.96 3.42 0.00	217.24 2.58 0.00	154.38 2.13 0.00	96.70 0.86 0.00	77.00 -0.23 0.00	63.29 -0.70 0.00
ALBANY___4 23574	49.07 -0.55 0.00	43.71 -0.18 0.00	38.22 0.04 0.00	35.96 0.29 0.00	35.87 0.25 0.00	38.38 0.00 0.00	43.18 -0.22 0.00	47.95 -0.53 0.00	49.25 -0.65 0.00	53.62 -0.82 0.24	60.25 -0.98 0.21	70.33 -1.01 0.52	78.07 -0.48 0.80	91.38 -0.09 0.50	98.55 0.98 0.39	121.26 1.58 2.17	148.69 2.27 5.13	225.70 3.15 2.26	247.96 3.42 0.00	217.24 2.58 0.00	154.38 2.13 0.00	96.70 0.86 0.00	77.00 -0.23 0.00	63.29 -0.70 0.00
ALBANY___LFGE 323615	49.66 0.05 0.00	44.24 0.35 0.00	38.72 0.53 0.00	36.32 0.64 0.00	36.26 0.64 0.00	38.76 0.38 0.00	43.71 0.31 0.00	48.54 0.05 0.00	49.90 0.00 0.00	54.36 -0.05 0.27	61.03 -0.18 0.23	71.29 0.00 0.56	79.18 0.71 0.87	92.81 1.38 0.55	99.35 2.45 1.06	123.10 3.41 2.16	150.99 4.54 5.09	229.10 6.52 2.25	251.63 7.10 0.00	220.67 6.00 0.00	156.81 4.56 0.00	98.13 2.30 0.00	78.16 0.93 0.00	64.12 0.13 0.00
ALCOA_PA_115KV_PL-6C 55860	49.86 0.25 0.00	44.02 0.13 0.00	38.07 -0.11 0.00	35.60 -0.07 0.00	35.55 -0.07 0.00	38.53 0.15 0.00	43.83 0.43 0.00	49.26 0.78 0.00	50.60 0.70 0.00	55.34 0.66 0.00	62.05 0.61 0.00	72.36 0.50 0.00	78.87 -0.48 0.00	90.69 -1.29 0.00	92.77 -5.19 0.00	116.43 -6.58 -1.16	146.03 -8.18 -2.67	217.18 -7.64 0.00	255.14 -11.74 -22.34	210.64 -9.87 -5.85	148.12 -6.85 -2.73	92.58 -3.26 0.00	77.15 -0.08 0.00	64.76 0.77 0.00
ALCOA_RYNLDS___DRP 24188	49.86 0.25 0.00	44.02 0.13 0.00	38.07 -0.11 0.00	35.60 -0.07 0.00	35.55 -0.07 0.00	38.53 0.15 0.00	43.83 0.43 0.00	49.26 0.78 0.00	50.60 0.70 0.00	55.34 0.66 0.00	62.05 0.61 0.00	72.36 0.50 0.00	78.87 -0.48 0.00	90.69 -1.29 0.00	92.77 -5.19 0.00	116.43 -6.58 -1.16	146.03 -8.18 -2.67	217.18 -7.64 0.00	255.14 -11.74 -22.34	210.64 -9.87 -5.85	148.12 -6.85 -2.73	92.58 -3.26 0.00	77.15 -0.08 0.00	64.76 0.77 0.00
ALCOA___DSASP 323711	49.86 0.25 0.00	44.02 0.13 0.00	38.07 -0.11 0.00	35.57 -0.11 0.00	35.55 -0.07 0.00	38.53 0.15 0.00	43.88 0.48 0.00	49.31 0.82 0.00	50.60 0.70 0.00	55.34 0.66 0.00	62.05 0.61 0.00	72.36 0.51 0.00	78.87 -0.47 0.00	90.04 -1.94 0.00	92.76 -5.19 0.00	116.43 -6.58 -1.16	146.02 -8.19 -2.67	217.17 -7.64 0.00	255.14 -11.73 -22.34	210.65 -9.87 -5.85	148.13 -6.85 -2.73	92.39 -3.45 0.00	77.15 -0.08 0.00	64.77 0.77 0.00
ALLEGHENY___COGEN 23514	53.34 3.72 0.00	46.43 2.54 0.00	40.28 2.10 0.00	37.39 1.71 0.00	37.26 1.64 0.00	39.83 1.46 0.00	44.53 1.13 0.00	49.46 0.97 0.00	50.75 0.85 0.00	55.34 0.66 0.00	61.93 0.49 0.00	71.85 0.00 0.00	79.58 0.24 0.00	87.01 -4.97 0.00	95.22 -2.74 0.00	117.95 -3.90 0.00	146.39 -5.15 0.00	214.03 -10.79 0.00	239.15 -5.38 0.00	213.60 -1.07 0.00	153.93 1.68 0.00	97.75 1.92 0.00	82.32 5.10 0.00	68.66 4.67 0.00
ALTAMONT_115KV_TB 2 55880	49.86 0.25 0.00	44.37 0.48 0.00	38.79 0.61 0.00	36.32 0.64 0.00	36.23 0.61 0.00	38.88 0.50 0.00	43.79 0.39 0.00	48.68 0.19 0.00	50.00 0.10 0.00	54.53 0.00 0.16	61.31 0.00 0.14	71.60 0.07 0.33	79.67 0.71 0.39	93.28 1.29 -0.02	100.30 2.45 0.11	123.45 3.17 1.57	151.82 4.24 3.96	230.69 5.85 -0.03	253.54 6.85 -2.16	220.25 5.58 0.00	156.51 4.26 0.00	98.16 2.20 -0.12	78.23 1.00 0.00	64.31 0.32 0.00
ALTONA_WT_PWR 323606	49.32 -0.30 0.00	43.80 -0.09 0.00	37.95 -0.23 0.00	35.53 -0.14 0.00	35.55 -0.07 0.00	38.57 0.19 0.00	43.92 0.52 0.00	49.31 0.82 0.00	50.40 0.50 0.00	55.18 0.49 0.00	61.93 0.49 0.00	72.36 0.51 0.00	78.87 -0.47 0.00	90.14 -1.84 0.00	93.94 -4.02 0.00	115.34 -5.11 1.40	142.35 -6.07 3.12	218.29 -6.53 0.00	236.22 -8.31 0.00	200.67 -7.08 6.92	143.81 -5.18 3.26	92.77 -3.07 0.00	76.15 -1.08 0.00	63.61 -0.38 0.00
AMERICAN_REF_FUEL 24010	52.24 2.63 0.00	45.33 1.45 0.00	39.60 1.41 0.00	36.78 1.11 0.00	36.58 0.96 0.00	38.76 0.38 0.00	42.40 -1.00 0.00	47.08 -1.41 0.00	49.80 -0.10 0.00	54.80 0.11 0.00	62.05 0.61 0.00	71.57 -0.29 0.00	79.18 -0.16 0.00	91.33 -0.64 0.00	99.82 1.86 0.00	122.59 0.74 0.00	149.57 -1.97 0.00	215.82 -9.00 0.00	235.97 -8.57 0.00	209.74 -4.93 0.00	148.90 -3.35 0.00	95.45 -0.38 0.00	76.69 -0.54 0.00	65.47 1.47 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	53.88 4.27 0.00	46.87 2.99 0.00	40.85 2.67 0.00	37.93 2.25 0.00	37.76 2.14 0.00	40.14 1.77 0.00	44.75 1.35 0.00	49.89 1.41 0.00	52.64 2.74 0.00	58.08 3.39 0.00	65.92 4.48 0.00	76.31 4.46 0.00	84.89 5.55 0.00	97.87 5.89 0.00	107.16 9.21 0.00	131.96 10.11 0.00	161.54 10.00 0.00	232.47 7.65 0.00	254.57 10.03 0.00	226.25 11.58 0.00	159.71 7.46 0.00	101.49 5.65 0.00	81.16 3.94 0.00	68.61 4.61 0.00
ARTHUR KILL_GT_1 23520	51.95 2.33 0.00	46.96 3.07 0.00	41.08 2.90 0.00	38.39 2.71 0.00	38.22 2.60 0.00	40.99 2.61 0.00	46.05 2.65 0.00	50.52 2.04 0.00	51.74 1.85 0.01	52.04 2.13 4.78	55.06 2.09 8.46	70.96 2.87 3.77	81.49 5.00 2.85	95.41 6.62 3.18	103.97 9.31 3.30	145.78 11.94 -11.98	210.97 14.85 -44.57	259.09 21.36 -12.92	256.21 22.50 10.83	211.43 19.75 22.98	129.06 13.09 36.28	83.02 6.42 19.24	60.54 3.32 20.00	54.19 1.34 11.15
ARTHUR_KILL_2 23512	51.85 2.23 0.00	46.79 2.90 -0.01	40.94 2.75 -0.01	38.22 2.53 -0.01	38.12 2.49 -0.01	40.84 2.46 -0.01	45.92 2.52 -0.01	50.57 2.08 0.00	51.34 1.45 0.01	51.82 1.91 4.78	54.81 1.84 8.47	70.66 2.58 3.78	81.09 4.60 2.85	95.22 6.44 3.19	115.89 8.82 -9.11	145.04 11.20 -11.98	210.05 13.93 -44.57	257.74 20.00 -12.92	254.97 21.26 10.83	209.92 18.24 22.98	128.15 12.18 36.28	82.54 5.94 19.24	60.16 2.93 20.00	53.81 0.96 11.15
ARTHUR_KILL_3 23513	51.39 1.78 0.01	46.12 2.24 0.00	40.36 2.18 0.00	37.64 1.96 0.00	37.54 1.92 0.00	40.33 1.96 0.00	45.40 2.00 0.00	50.52 2.04 0.00	51.90 2.00 0.00	52.21 2.30 4.77	55.31 2.33 8.46	71.03 2.95 3.77	81.42 4.92 2.85	95.69 6.90 3.18	116.37 9.31 -9.10	145.45 11.70 -11.90	210.92 15.01 -44.37	258.76 21.13 -12.81	256.18 22.48 10.84	210.59 18.90 22.97	127.85 11.88 36.28	82.82 6.23 19.25	60.38 3.17 20.01	54.05 1.21 11.16

ARTHUR_KILL_COGEN 323718	52.04 2.43 0.00	46.96 3.07 -0.01	41.09 2.90 -0.01	38.32 2.64 -0.01	38.23 2.60 -0.01	41.00 2.61 -0.01	46.06 2.65 -0.01	50.72 2.23 0.00	51.54 1.64 0.01	52.04 2.13 4.78	55.12 2.15 8.47	70.95 2.88 3.78	81.41 4.92 2.85	95.59 6.81 3.19	116.38 9.31 -9.11	145.78 11.95 -11.98	210.98 14.86 -44.57	259.10 21.37 -12.92	256.19 22.48 10.83	211.22 19.53 22.98	129.06 13.10 36.28	83.02 6.42 19.24	60.54 3.32 20.00	54.12 1.28 11.15
ASHOKAN____ 23654	50.85 1.24 0.00	45.20 1.32 0.00	39.48 1.30 0.00	36.89 1.21 0.00	36.83 1.21 0.00	39.45 1.07 0.00	44.44 1.04 0.00	49.36 0.87 0.00	50.35 0.45 0.00	57.20 2.52 0.00	64.14 2.70 0.00	75.27 3.52 0.11	82.35 5.15 2.14	93.53 7.18 5.62	105.12 9.50 2.34	126.01 12.55 8.39	153.14 17.12 15.52	216.01 26.74 35.55	240.18 30.56 34.92	237.18 22.53 0.02	168.98 16.75 0.02	104.04 10.15 1.95	81.01 3.78 0.00	65.78 1.79 0.00
ASTORIA_EAST_ENERGY_CC1 323581	52.00 2.38 -0.01	46.57 2.68 -0.01	40.75 2.56 -0.01	37.97 2.29 -0.01	37.87 2.25 -0.01	40.76 2.38 -0.01	45.97 2.56 -0.01	50.96 2.47 0.00	52.04 2.14 0.00	57.81 2.79 -0.33	64.17 2.46 -0.27	75.64 3.09 -0.69	85.50 5.08 -1.08	99.73 7.08 -0.67	120.42 9.50 -12.96	177.89 12.07 -43.98	270.48 15.30 -103.64	294.74 21.80 -48.12	270.55 23.24 -2.77	236.01 19.10 -2.25	164.44 12.18 -0.01	102.17 6.32 -0.01	80.48 3.24 -0.01	65.28 1.28 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	52.00 2.38 -0.01	46.57 2.68 -0.01	40.75 2.56 -0.01	37.97 2.29 -0.01	37.87 2.25 -0.01	40.76 2.38 -0.01	45.97 2.56 -0.01	50.96 2.47 0.00	52.04 2.14 0.00	57.81 2.79 -0.33	64.17 2.46 -0.27	75.64 3.09 -0.69	85.50 5.08 -1.08	99.73 7.08 -0.67	120.42 9.50 -12.96	177.89 12.07 -43.98	270.48 15.30 -103.64	294.74 21.80 -48.12	270.55 23.24 -2.77	236.01 19.10 -2.25	164.44 12.18 -0.01	102.17 6.32 -0.01	80.48 3.24 -0.01	65.28 1.28 -0.01
ASTORIA_GT2_1 24094	52.05 2.43 -0.01	46.61 2.72 0.00	40.74 2.56 0.00	38.03 2.35 0.00	37.86 2.24 0.00	40.79 2.42 0.00	46.00 2.60 0.00	50.91 2.42 0.00	52.29 2.40 0.00	57.81 2.79 -0.33	64.24 2.52 -0.28	75.72 3.16 -0.70	85.51 5.08 -1.09	99.55 6.90 -0.68	108.11 9.60 -0.55	177.89 12.06 -43.98	270.49 15.31 -103.64	294.75 21.81 -48.12	270.54 23.23 -2.77	236.23 19.32 -2.25	164.59 12.33 -0.01	102.17 6.33 -0.01	80.48 3.24 -0.01	65.35 1.34 -0.01
ASTORIA_GT2_2 24095	52.05 2.43 -0.01	46.61 2.72 0.00	40.74 2.56 0.00	38.03 2.35 0.00	37.86 2.24 0.00	40.79 2.42 0.00	46.00 2.60 0.00	50.91 2.42 0.00	52.29 2.40 0.00	57.81 2.79 -0.33	64.24 2.52 -0.28	75.72 3.16 -0.70	85.51 5.08 -1.09	99.55 6.90 -0.68	108.11 9.60 -0.55	177.89 12.06 -43.98	270.49 15.31 -103.64	294.75 21.81 -48.12	270.54 23.23 -2.77	236.23 19.32 -2.25	164.59 12.33 -0.01	102.17 6.33 -0.01	80.48 3.24 -0.01	65.35 1.34 -0.01
ASTORIA_GT2_3 24096	52.05 2.43 -0.01	46.61 2.72 0.00	40.74 2.56 0.00	38.03 2.35 0.00	37.86 2.24 0.00	40.79 2.42 0.00	46.00 2.60 0.00	50.91 2.42 0.00	52.29 2.40 0.00	57.81 2.79 -0.33	64.24 2.52 -0.28	75.72 3.16 -0.70	85.51 5.08 -1.09	99.55 6.90 -0.68	108.11 9.60 -0.55	177.89 12.06 -43.98	270.49 15.31 -103.64	294.75 21.81 -48.12	270.54 23.23 -2.77	236.23 19.32 -2.25	164.59 12.33 -0.01	102.17 6.33 -0.01	80.48 3.24 -0.01	65.35 1.34 -0.01
ASTORIA_GT2_4 24097	52.05 2.43 -0.01	46.61 2.72 0.00	40.74 2.56 0.00	38.03 2.35 0.00	37.86 2.24 0.00	40.79 2.42 0.00	46.00 2.60 0.00	50.91 2.42 0.00	52.29 2.40 0.00	57.81 2.79 -0.33	64.24 2.52 -0.28	75.72 3.16 -0.70	85.51 5.08 -1.09	99.55 6.90 -0.68	108.11 9.60 -0.55	177.89 12.06 -43.98	270.49 15.31 -103.64	294.75 21.81 -48.12	270.54 23.23 -2.77	236.23 19.32 -2.25	164.59 12.33 -0.01	102.17 6.33 -0.01	80.48 3.24 -0.01	65.35 1.34 -0.01
ASTORIA_GT3_1 24098	52.05 2.43 -0.01	46.61 2.72 0.00	40.74 2.56 0.00	38.03 2.35 0.00	37.86 2.24 0.00	40.79 2.42 0.00	46.00 2.60 0.00	50.91 2.42 0.00	52.29 2.40 0.00	57.81 2.79 -0.33	64.24 2.52 -0.28	75.72 3.16 -0.70	85.51 5.08 -1.09	99.55 6.90 -0.68	108.11 9.60 -0.55	177.89 12.06 -43.98	270.49 15.31 -103.64	294.75 21.81 -48.12	270.54 23.23 -2.77	236.23 19.32 -2.25	164.59 12.33 -0.01	102.17 6.33 -0.01	80.48 3.24 -0.01	65.35 1.34 -0.01
ASTORIA_GT3_2 24099	52.05 2.43 -0.01	46.61 2.72 0.00	40.74 2.56 0.00	38.03 2.35 0.00	37.86 2.24 0.00	40.79 2.42 0.00	46.00 2.60 0.00	50.91 2.42 0.00	52.29 2.40 0.00	57.81 2.79 -0.33	64.24 2.52 -0.28	75.72 3.16 -0.70	85.51 5.08 -1.09	99.55 6.90 -0.68	108.11 9.60 -0.55	177.89 12.06 -43.98	270.49 15.31 -103.64	294.75 21.81 -48.12	270.54 23.23 -2.77	236.23 19.32 -2.25	164.59 12.33 -0.01	102.17 6.33 -0.01	80.48 3.24 -0.01	65.35 1.34 -0.01
ASTORIA_GT3_3 24100	52.05 2.43 -0.01	46.61 2.72 0.00	40.74 2.56 0.00	38.03 2.35 0.00	37.86 2.24 0.00	40.79 2.42 0.00	46.00 2.60 0.00	50.91 2.42 0.00	52.29 2.40 0.00	57.81 2.79 -0.33	64.24 2.52 -0.28	75.72 3.16 -0.70	85.51 5.08 -1.09	99.55 6.90 -0.68	108.11 9.60 -0.55	177.89 12.06 -43.98	270.49 15.31 -103.64	294.75 21.81 -48.12	270.54 23.23 -2.77	236.23 19.32 -2.25	164.59 12.33 -0.01	102.17 6.33 -0.01	80.48 3.24 -0.01	65.35 1.34 -0.01
ASTORIA_GT3_4 24101	52.05 2.43 -0.01	46.61 2.72 0.00	40.74 2.56 0.00	38.03 2.35 0.00	37.86 2.24 0.00	40.79 2.42 0.00	46.00 2.60 0.00	50.91 2.42 0.00	52.29 2.40 0.00	57.81 2.79 -0.33	64.24 2.52 -0.28	75.72 3.16 -0.70	85.51 5.08 -1.09	99.55 6.90 -0.68	108.11 9.60 -0.55	177.89 12.06 -43.98	270.49 15.31 -103.64	294.75 21.81 -48.12	270.54 23.23 -2.77	236.23 19.32 -2.25	164.59 12.33 -0.01	102.17 6.33 -0.01	80.48 3.24 -0.01	65.35 1.34 -0.01
ASTORIA_GT4_1 24102	52.05 2.43 -0.01	46.61 2.72 0.00	40.74 2.56 0.00	38.03 2.35 0.00	37.86 2.24 0.00	40.79 2.42 0.00	46.00 2.60 0.00	50.91 2.42 0.00	52.29 2.40 0.00	57.81 2.79 -0.33	64.24 2.52 -0.28	75.72 3.16 -0.70	85.51 5.08 -1.09	99.55 6.90 -0.68	108.11 9.60 -0.55	177.89 12.06 -43.98	270.49 15.31 -103.64	294.75 21.81 -48.12	270.54 23.23 -2.77	236.23 19.32 -2.25	164.59 12.33 -0.01	102.17 6.33 -0.01	80.48 3.24 -0.01	65.35 1.34 -0.01
ASTORIA_GT4_2 24103	52.05 2.43 -0.01	46.61 2.72 0.00	40.74 2.56 0.00	38.03 2.35 0.00	37.86 2.24 0.00	40.79 2.42 0.00	46.00 2.60 0.00	50.91 2.42 0.00	52.29 2.40 0.00	57.81 2.79 -0.33	64.24 2.52 -0.28	75.72 3.16 -0.70	85.51 5.08 -1.09	99.55 6.90 -0.68	108.11 9.60 -0.55	177.89 12.06 -43.98	270.49 15.31 -103.64	294.75 21.81 -48.12	270.54 23.23 -2.77	236.23 19.32 -2.25	164.59 12.33 -0.01	102.17 6.33 -0.01	80.48 3.24 -0.01	65.35 1.34 -0.01
ASTORIA_GT4_3 24104	52.05 2.43 -0.01	46.61 2.72 0.00	40.74 2.56 0.00	38.03 2.35 0.00	37.86 2.24 0.00	40.79 2.42 0.00	46.00 2.60 0.00	50.91 2.42 0.00	52.29 2.40 0.00	57.81 2.79 -0.33	64.24 2.52 -0.28	75.72 3.16 -0.70	85.51 5.08 -1.09	99.55 6.90 -0.68	108.11 9.60 -0.55	177.89 12.06 -43.98	270.49 15.31 -103.64	294.75 21.81 -48.12	270.54 23.23 -2.77	236.23 19.32 -2.25	164.59 12.33 -0.01	102.17 6.33 -0.01	80.48 3.24 -0.01	65.35 1.34 -0.01

ASTORIA_GT4_4 24105	52.05 2.43 -0.01	46.61 2.72 0.00	40.74 2.56 0.00	38.03 2.35 0.00	37.86 2.24 0.00	40.79 2.42 0.00	46.00 2.60 0.00	50.91 2.42 0.00	52.29 2.40 0.00	57.81 2.79 -0.33	64.24 2.52 -0.28	75.72 3.16 -0.70	85.51 5.08 -1.09	99.55 6.90 -0.68	108.11 9.60 -0.55	177.89 12.06 -43.98	270.49 15.31 -103.64	294.75 21.81 -48.12	270.54 23.23 -2.77	236.23 19.32 -2.25	164.59 12.33 -0.01	102.17 6.33 -0.01	80.48 3.24 -0.01	65.35 1.34 -0.01
ASTORIA_GT_1 23523	52.20 2.58 -0.01	46.69 2.81 0.00	40.85 2.67 0.00	38.10 2.43 0.00	37.94 2.32 0.00	40.87 2.49 0.00	46.09 2.69 0.00	51.06 2.57 0.00	52.44 2.54 0.00	57.97 2.95 -0.33	64.43 2.70 -0.28	75.93 3.38 -0.70	85.74 5.32 -1.09	99.83 7.17 -0.68	108.50 9.99 -0.55	178.38 12.55 -43.98	271.10 15.91 -103.64	295.65 22.71 -48.12	271.52 24.21 -2.77	236.87 19.96 -2.25	165.05 12.79 -0.01	102.46 6.61 -0.01	80.71 3.48 -0.01	65.54 1.54 -0.01
ASTORIA_GT_10 24110	51.85 2.23 0.00	46.56 2.68 0.00	40.74 2.56 0.00	38.07 2.39 0.00	37.90 2.28 0.00	40.72 2.34 0.00	45.83 2.43 0.00	50.77 2.28 0.00	52.15 2.25 0.00	57.53 2.52 -0.33	63.93 2.21 -0.28	75.36 2.80 -0.70	85.11 4.68 -1.09	99.09 6.44 -0.68	107.60 9.11 -0.53	152.18 11.45 -18.87	210.67 14.55 -44.57	282.84 20.91 -37.11	260.73 22.01 5.81	210.15 18.46 22.98	124.75 11.72 39.22	89.97 6.04 11.90	62.18 3.09 18.14	60.71 1.22 4.50
ASTORIA_GT_11 24225	51.85 2.23 0.00	46.56 2.68 0.00	40.74 2.56 0.00	38.07 2.39 0.00	37.90 2.28 0.00	40.72 2.34 0.00	45.83 2.43 0.00	50.77 2.28 0.00	52.15 2.25 0.00	57.53 2.52 -0.33	63.93 2.21 -0.28	75.36 2.80 -0.70	85.11 4.68 -1.09	99.09 6.44 -0.68	107.60 9.11 -0.53	152.18 11.45 -18.87	210.67 14.55 -44.57	282.84 20.91 -37.11	260.73 22.01 5.81	210.15 18.46 22.98	124.75 11.72 39.22	89.97 6.04 11.90	62.18 3.09 18.14	60.71 1.22 4.50
ASTORIA_GT_12 24226	51.85 2.23 0.00	46.56 2.68 0.00	40.74 2.56 0.00	38.07 2.39 0.00	37.90 2.28 0.00	40.72 2.34 0.00	45.83 2.43 0.00	50.77 2.28 0.00	52.15 2.25 0.00	57.53 2.52 -0.33	63.93 2.21 -0.28	75.36 2.80 -0.70	85.11 4.68 -1.09	99.09 6.44 -0.68	107.60 9.11 -0.53	152.18 11.45 -18.87	210.67 14.55 -44.57	282.84 20.91 -37.11	260.73 22.01 5.81	210.15 18.46 22.98	124.75 11.72 39.22	89.97 6.04 11.90	62.18 3.09 18.14	60.71 1.22 4.50
ASTORIA_GT_13 24227	51.85 2.23 0.00	46.56 2.68 0.00	40.74 2.56 0.00	38.07 2.39 0.00	37.90 2.28 0.00	40.72 2.34 0.00	45.83 2.43 0.00	50.77 2.28 0.00	52.15 2.25 0.00	57.53 2.52 -0.33	63.93 2.21 -0.28	75.36 2.80 -0.70	85.11 4.68 -1.09	99.09 6.44 -0.68	107.60 9.11 -0.53	152.18 11.45 -18.87	210.67 14.55 -44.57	282.84 20.91 -37.11	260.73 22.01 5.81	210.15 18.46 22.98	124.75 11.72 39.22	89.97 6.04 11.90	62.18 3.09 18.14	60.71 1.22 4.50
ASTORIA_GT_5 24106	52.20 2.58 -0.01	46.69 2.81 0.00	40.85 2.67 0.00	38.10 2.43 0.00	37.94 2.32 0.00	40.87 2.49 0.00	46.09 2.69 0.00	51.06 2.57 0.00	52.44 2.54 0.00	57.97 2.95 -0.33	64.43 2.70 -0.28	75.93 3.38 -0.70	85.74 5.32 -1.09	99.83 7.17 -0.68	108.50 9.99 -0.55	178.38 12.55 -43.98	271.10 15.91 -103.64	295.65 22.71 -48.12	271.52 24.21 -2.77	236.87 19.96 -2.25	165.05 12.79 -0.01	102.46 6.61 -0.01	80.71 3.48 -0.01	65.54 1.54 -0.01
ASTORIA_GT_7 24107	52.20 2.58 -0.01	46.69 2.81 0.00	40.85 2.67 0.00	38.10 2.43 0.00	37.94 2.32 0.00	40.87 2.49 0.00	46.09 2.69 0.00	51.06 2.57 0.00	52.44 2.54 0.00	57.97 2.95 -0.33	64.43 2.70 -0.28	75.93 3.38 -0.70	85.74 5.32 -1.09	99.83 7.17 -0.68	108.50 9.99 -0.55	178.38 12.55 -43.98	271.10 15.91 -103.64	295.65 22.71 -48.12	271.52 24.21 -2.77	236.87 19.96 -2.25	165.05 12.79 -0.01	102.46 6.61 -0.01	80.71 3.48 -0.01	65.54 1.54 -0.01
ASTORIA_GT_8 24108	52.20 2.58 -0.01	46.69 2.81 0.00	40.85 2.67 0.00	38.10 2.43 0.00	37.94 2.32 0.00	40.87 2.49 0.00	46.09 2.69 0.00	51.06 2.57 0.00	52.44 2.54 0.00	57.97 2.95 -0.33	64.43 2.70 -0.28	75.93 3.38 -0.70	85.74 5.32 -1.09	99.83 7.17 -0.68	108.50 9.99 -0.55	178.38 12.55 -43.98	271.10 15.91 -103.64	295.65 22.71 -48.12	271.52 24.21 -2.77	236.87 19.96 -2.25	165.05 12.79 -0.01	102.46 6.61 -0.01	80.71 3.48 -0.01	65.54 1.54 -0.01
ASTORIA___2 24149	52.05 2.43 -0.01	46.57 2.68 -0.01	40.75 2.56 -0.01	38.00 2.32 -0.01	37.87 2.25 -0.01	40.76 2.38 -0.01	46.01 2.60 -0.01	51.01 2.52 0.00	52.04 2.14 0.00	57.81 2.79 -0.33	64.17 2.46 -0.27	75.71 3.16 -0.69	85.57 5.15 -1.08	99.83 7.18 -0.67	120.53 9.61 -12.96	177.89 12.07 -43.98	270.48 15.30 -103.64	294.74 21.80 -48.12	270.55 23.24 -2.77	236.24 19.33 -2.25	164.58 12.33 -0.01	102.17 6.32 -0.01	80.55 3.32 -0.01	65.28 1.28 -0.01
ASTORIA___3 23516	51.85 2.23 0.00	46.57 2.68 -0.01	40.75 2.56 -0.01	38.00 2.32 -0.01	37.91 2.28 -0.01	40.73 2.34 -0.01	45.84 2.43 -0.01	50.86 2.38 0.00	51.95 2.05 0.00	57.53 2.52 -0.33	63.86 2.15 -0.27	75.35 2.80 -0.69	85.18 4.76 -1.08	99.36 6.71 -0.67	120.02 9.11 -12.95	152.17 11.45 -18.87	210.67 14.55 -44.57	282.84 20.91 -37.11	260.74 22.02 5.81	210.15 18.46 22.98	124.75 11.72 39.22	90.07 6.14 11.90	62.18 3.09 18.14	60.65 1.15 4.50
ASTORIA___4 23517	51.85 2.23 0.00	46.56 2.68 0.00	40.74 2.56 0.00	38.07 2.39 0.00	37.90 2.28 0.00	40.72 2.34 0.00	45.83 2.43 0.00	50.77 2.28 0.00	52.15 2.25 0.00	57.53 2.52 -0.33	63.93 2.21 -0.28	75.36 2.80 -0.70	85.11 4.68 -1.09	99.09 6.44 -0.68	107.60 9.11 -0.53	152.18 11.45 -18.87	210.67 14.55 -44.57	282.84 20.91 -37.11	260.73 22.01 5.81	210.15 18.46 22.98	124.75 11.72 39.22	89.97 6.04 11.90	62.18 3.09 18.14	60.71 1.22 4.50
ASTORIA___5 23518	51.85 2.23 0.00	46.57 2.68 -0.01	40.75 2.56 -0.01	38.00 2.32 -0.01	37.91 2.28 -0.01	40.73 2.34 -0.01	45.84 2.43 -0.01	50.86 2.38 0.00	51.95 2.05 0.00	57.53 2.52 -0.33	63.86 2.15 -0.27	75.35 2.80 -0.69	85.18 4.76 -1.08	99.36 6.71 -0.67	120.02 9.11 -12.95	152.17 11.45 -18.87	210.67 14.55 -44.57	282.84 20.91 -37.11	260.74 22.02 5.81	210.15 18.46 22.98	124.75 11.72 39.22	90.07 6.14 11.90	62.18 3.09 18.14	60.65 1.15 4.50
AST_ENERGY_2_CC3 323677	37.33 2.03 14.32	37.33 2.41 8.97	37.33 2.33 3.18	37.33 2.14 0.49	37.33 2.10 0.39	37.33 2.11 3.16	37.33 2.17 8.24	37.33 2.18 13.34	37.33 2.19 14.76	37.33 2.52 19.87	39.20 2.64 24.88	53.68 3.31 21.49	63.57 5.32 21.09	77.84 7.45 21.58	98.52 9.89 9.33	125.90 12.43 8.38	182.90 15.76 -15.60	240.91 22.48 6.39	238.33 23.98 30.18	193.09 19.97 41.54	110.39 12.79 54.65	71.14 6.71 31.40	48.79 3.63 32.06	40.14 1.66 25.52
AST_ENERGY_2_CC4 323678	37.33 2.03 14.32	37.33 2.41 8.97	37.33 2.33 3.18	37.33 2.14 0.49	37.33 2.10 0.39	37.33 2.11 3.16	37.33 2.17 8.24	37.33 2.18 13.34	37.33 2.19 14.76	37.33 2.52 19.87	39.20 2.64 24.88	53.68 3.31 21.49	63.57 5.32 21.09	77.84 7.45 21.58	98.52 9.89 9.33	125.90 12.43 8.38	182.90 15.76 -15.60	240.91 22.48 6.39	238.33 23.98 30.18	193.09 19.97 41.54	110.39 12.79 54.65	71.14 6.71 31.40	48.79 3.63 32.06	40.14 1.66 25.52

ATHENS_STG_1 23668	50.06 0.45 0.00	44.63 0.75 0.00	39.02 0.84 0.00	36.50 0.82 0.00	36.40 0.78 0.00	39.07 0.69 0.00	44.01 0.61 0.00	48.92 0.44 0.00	50.25 0.35 0.00	55.21 0.39 -0.14	61.93 0.37 -0.12	72.79 0.65 -0.29	81.46 1.67 -0.45	94.92 2.67 -0.28	101.35 4.02 0.63	123.93 5.00 2.92	151.01 6.36 6.90	230.54 8.76 3.04	254.33 9.79 0.00	222.61 7.95 0.00	157.72 5.47 0.00	98.81 2.97 0.00	78.54 1.31 0.00	64.25 0.26 0.00
ATHENS_STG_2 23670	50.06 0.45 0.00	44.63 0.75 0.00	39.02 0.84 0.00	36.50 0.82 0.00	36.40 0.78 0.00	39.07 0.69 0.00	44.01 0.61 0.00	48.92 0.44 0.00	50.25 0.35 0.00	55.21 0.39 -0.14	61.93 0.37 -0.12	72.79 0.65 -0.29	81.46 1.67 -0.45	94.92 2.67 -0.28	101.35 4.02 0.63	123.93 5.00 2.92	151.01 6.36 6.90	230.54 8.76 3.04	254.33 9.79 0.00	222.61 7.95 0.00	157.72 5.47 0.00	98.81 2.97 0.00	78.54 1.31 0.00	64.25 0.26 0.00
ATHENS_STG_3 23677	50.06 0.45 0.00	44.63 0.75 0.00	39.02 0.84 0.00	36.50 0.82 0.00	36.40 0.78 0.00	39.07 0.69 0.00	44.01 0.61 0.00	48.92 0.44 0.00	50.25 0.35 0.00	55.21 0.39 -0.14	61.93 0.37 -0.12	72.79 0.65 -0.29	81.46 1.67 -0.45	94.92 2.67 -0.28	101.35 4.02 0.63	123.93 5.00 2.92	151.01 6.36 6.90	230.54 8.76 3.04	254.33 9.79 0.00	222.61 7.95 0.00	157.72 5.47 0.00	98.81 2.97 0.00	78.54 1.31 0.00	64.25 0.26 0.00
AUBURN____LFGE 323710	50.85 1.24 0.00	44.76 0.88 0.00	38.91 0.73 0.00	36.21 0.54 0.00	36.19 0.57 0.00	38.84 0.46 0.00	43.88 0.48 0.00	49.02 0.53 0.00	50.50 0.60 0.00	55.51 0.82 0.00	62.55 1.11 0.00	73.15 1.29 0.00	81.09 1.75 0.00	94.27 2.30 0.00	101.39 3.43 0.00	126.12 4.26 0.00	156.54 5.00 0.00	231.11 6.29 0.00	250.96 8.31 1.89	222.82 8.16 0.00	158.04 5.79 0.00	99.19 3.35 0.00	79.39 2.16 0.00	65.47 1.47 0.00
BABYLON_RES_REC 323704	50.69 1.09 0.01	46.83 2.94 0.00	41.27 3.09 0.00	38.42 2.75 0.00	38.19 2.57 0.00	40.99 2.61 0.00	45.61 2.21 0.00	49.12 0.63 0.00	50.74 1.20 0.36	51.52 0.87 4.04	62.75 1.11 -0.20	73.95 1.58 -0.52	85.43 5.00 -1.09	106.10 7.54 -6.58	121.00 10.00 -13.04	174.98 12.91 -40.22	263.46 16.37 -95.54	294.35 23.60 -45.93	263.99 25.43 5.98	230.88 21.05 4.84	166.10 13.85 0.00	102.54 6.71 0.00	81.02 3.78 -0.01	65.36 1.47 0.11
BALL_HILL_WT_PWR 323825	53.14 3.52 0.00	46.21 2.32 0.00	40.24 2.06 0.00	37.39 1.71 0.00	37.19 1.57 0.00	39.49 1.11 0.00	43.79 0.39 0.00	48.78 0.29 0.00	51.45 1.55 0.00	56.71 2.02 0.00	64.33 2.89 0.00	74.44 2.58 0.00	82.67 3.33 0.00	95.38 3.41 0.00	104.32 6.36 0.00	128.43 6.58 0.00	157.30 5.76 0.00	227.53 2.71 0.00	248.69 4.15 0.00	221.10 6.43 0.00	156.20 3.95 0.00	99.57 3.73 0.00	79.70 2.47 0.00	67.51 3.52 0.00
BARON_WINDS____WT_PWR 323822	52.29 2.68 0.00	45.73 1.84 0.00	39.79 1.60 0.00	37.00 1.32 0.00	36.90 1.28 0.00	39.37 1.00 0.00	44.01 0.61 0.00	48.78 0.29 0.00	50.80 0.90 0.00	55.84 1.15 0.00	63.16 1.72 0.00	73.43 1.58 0.00	81.56 2.22 0.00	94.36 2.39 0.00	102.37 4.41 0.00	126.60 4.75 0.00	155.94 4.40 0.00	227.53 2.71 0.00	249.68 5.14 0.00	221.97 7.30 0.00	157.27 5.02 0.00	99.57 3.73 0.00	79.77 2.54 0.00	66.88 2.88 0.00
BARRETT_IC_1 23704	50.65 1.04 0.01	46.52 2.63 0.00	41.01 2.83 0.00	38.17 2.50 0.00	37.93 2.31 0.00	40.76 2.38 0.00	45.40 2.00 0.00	49.17 0.68 0.00	50.87 1.00 0.02	56.07 1.26 -0.13	63.25 1.54 -0.27	74.86 2.30 -0.70	85.90 5.47 -1.09	171.47 7.73 -71.77	120.80 9.79 -13.04	184.12 12.30 -49.97	284.16 15.91 -116.71	421.46 22.48 -174.16	283.91 24.21 -15.16	247.10 20.17 -12.26	165.65 13.40 0.00	102.92 6.99 -0.09	89.63 4.48 -7.93	66.13 2.05 -0.08
BARRETT_IC_10 23701	50.65 1.04 0.01	46.52 2.63 0.00	41.01 2.83 0.00	38.17 2.50 0.00	37.93 2.31 0.00	40.76 2.38 0.00	45.40 2.00 0.00	49.17 0.68 0.00	50.87 1.00 0.02	56.07 1.26 -0.13	63.25 1.54 -0.27	74.86 2.30 -0.70	85.90 5.47 -1.09	122.03 7.73 -22.33	120.80 9.79 -13.04	95.30 12.30 38.85	91.23 15.91 76.22	91.23 22.48 156.07	91.23 24.21 177.52	91.23 20.17 143.61	165.65 13.40 0.00	102.85 6.99 -0.02	89.63 4.48 -7.93	66.13 2.05 -0.08
BARRETT_IC_11 23702	50.65 1.04 0.01	46.52 2.63 0.00	41.01 2.83 0.00	38.17 2.50 0.00	37.93 2.31 0.00	40.76 2.38 0.00	45.40 2.00 0.00	49.17 0.68 0.00	50.87 1.00 0.02	56.07 1.26 -0.13	63.25 1.54 -0.27	74.86 2.30 -0.70	85.90 5.47 -1.09	122.03 7.73 -22.33	120.80 9.79 -13.04	95.30 12.30 38.85	91.23 15.91 76.22	91.23 22.48 156.07	91.23 24.21 177.52	91.23 20.17 143.61	165.65 13.40 0.00	102.85 6.99 -0.02	89.63 4.48 -7.93	66.13 2.05 -0.08
BARRETT_IC_12 23703	50.65 1.04 0.01	46.52 2.63 0.00	41.01 2.83 0.00	38.17 2.50 0.00	37.93 2.31 0.00	40.76 2.38 0.00	45.40 2.00 0.00	49.17 0.68 0.00	50.87 1.00 0.02	56.07 1.26 -0.13	63.25 1.54 -0.27	74.86 2.30 -0.70	85.90 5.47 -1.09	122.03 7.73 -22.33	120.80 9.79 -13.04	95.30 12.30 38.85	91.23 15.91 76.22	91.23 22.48 156.07	91.23 24.21 177.52	91.23 20.17 143.61	165.65 13.40 0.00	102.85 6.99 -0.02	89.63 4.48 -7.93	66.13 2.05 -0.08
BARRETT_IC_2 23705	50.65 1.04 0.01	46.52 2.63 0.00	41.01 2.83 0.00	38.17 2.50 0.00	37.93 2.31 0.00	40.76 2.38 0.00	45.40 2.00 0.00	49.17 0.68 0.00	50.87 1.00 0.02	56.07 1.26 -0.13	63.25 1.54 -0.27	74.86 2.30 -0.70	85.90 5.47 -1.09	171.47 7.73 -71.77	120.80 9.79 -13.04	184.12 12.30 -49.97	284.16 15.91 -116.71	421.46 22.48 -174.16	283.91 24.21 -15.16	247.10 20.17 -12.26	165.65 13.40 0.00	102.92 6.99 -0.09	89.63 4.48 -7.93	66.13 2.05 -0.08
BARRETT_IC_3 23706	50.65 1.04 0.01	46.52 2.63 0.00	41.01 2.83 0.00	38.17 2.50 0.00	37.93 2.31 0.00	40.76 2.38 0.00	45.40 2.00 0.00	49.17 0.68 0.00	50.87 1.00 0.02	56.07 1.26 -0.13	63.25 1.54 -0.27	74.86 2.30 -0.70	85.90 5.47 -1.09	171.47 7.73 -71.77	120.80 9.79 -13.04	184.12 12.30 -49.97	284.16 15.91 -116.71	421.46 22.48 -174.16	283.91 24.21 -15.16	247.10 20.17 -12.26	165.65 13.40 0.00	102.92 6.99 -0.09	89.63 4.48 -7.93	66.13 2.05 -0.08
BARRETT_IC_4 23707	50.65 1.04 0.01	46.52 2.63 0.00	41.01 2.83 0.00	38.17 2.50 0.00	37.93 2.31 0.00	40.76 2.38 0.00	45.40 2.00 0.00	49.17 0.68 0.00	50.87 1.00 0.02	56.07 1.26 -0.13	63.25 1.54 -0.27	74.86 2.30 -0.70	85.90 5.47 -1.09	171.47 7.73 -71.77	120.80 9.79 -13.04	184.12 12.30 -49.97	284.16 15.91 -116.71	421.46 22.48 -174.16	283.91 24.21 -15.16	247.10 20.17 -12.26	165.65 13.40 0.00	102.92 6.99 -0.09	89.63 4.48 -7.93	66.13 2.05 -0.08
BARRETT_IC_5 23708	50.65 1.04 0.01	46.52 2.63 0.00	41.01 2.83 0.00	38.17 2.50 0.00	37.93 2.31 0.00	40.76 2.38 0.00	45.40 2.00 0.00	49.17 0.68 0.00	50.87 1.00 0.02	56.07 1.26 -0.13	63.25 1.54 -0.27	74.86 2.30 -0.70	85.90 5.47 -1.09	171.47 7.73 -71.77	120.80 9.79 -13.04	184.12 12.30 -49.97	284.16 15.91 -116.71	421.46 22.48 -174.16	283.91 24.21 -15.16	247.10 20.17 -12.26	165.65 13.40 0.00	102.92 6.99 -0.09	89.63 4.48 -7.93	66.13 2.05 -0.08

BARRETT_IC_6 23709	50.65 1.04 0.01	46.52 2.63 0.00	41.01 2.83 0.00	38.17 2.50 0.00	37.93 2.31 0.00	40.76 2.38 0.00	45.40 2.00 0.00	49.17 0.68 0.00	50.87 1.00 0.02	56.07 1.26 -0.13	63.25 1.54 -0.27	74.86 2.30 -0.70	85.90 5.47 -1.09	171.47 7.73 -71.77	120.80 9.79 -13.04	184.12 12.30 -49.97	284.16 15.91 -116.71	421.46 22.48 -174.16	283.91 24.21 -15.16	247.10 20.17 -12.26	165.65 13.40 0.00	102.92 6.99 -0.09	89.63 4.48 -7.93	66.13 2.05 -0.08
BARRETT_IC_7 23710	50.70 1.09 0.01	46.65 2.76 0.00	41.01 2.83 0.00	38.21 2.53 0.00	37.94 2.32 0.00	40.83 2.46 0.00	45.40 2.00 0.00	49.89 1.41 0.00	51.02 1.15 0.02	56.07 1.26 -0.13	63.31 1.60 -0.27	74.86 2.30 -0.70	85.59 5.16 -1.09	171.10 7.36 -71.77	108.39 9.89 -0.54	184.12 12.31 -49.96	284.15 15.91 -116.70	421.46 22.48 -174.16	283.89 24.21 -15.15	247.10 20.18 -12.25	165.65 13.40 0.00	102.92 7.00 -0.09	89.63 4.48 -7.93	66.19 2.11 -0.08
BARRETT_IC_8 23711	50.65 1.04 0.01	46.52 2.63 0.00	41.01 2.83 0.00	38.17 2.50 0.00	37.93 2.31 0.00	40.76 2.38 0.00	45.40 2.00 0.00	49.17 0.68 0.00	50.87 1.00 0.02	56.07 1.26 -0.13	63.25 1.54 -0.27	74.86 2.30 -0.70	85.90 5.47 -1.09	171.47 7.73 -71.77	120.80 9.79 -13.04	184.12 12.30 -49.97	284.16 15.91 -116.71	421.46 22.48 -174.16	283.91 24.21 -15.16	247.10 20.17 -12.26	165.65 13.40 0.00	102.92 6.99 -0.09	89.63 4.48 -7.93	66.13 2.05 -0.08
BARRETT_IC_9 23700	50.65 1.04 0.01	46.52 2.63 0.00	41.01 2.83 0.00	38.17 2.50 0.00	37.93 2.31 0.00	40.76 2.38 0.00	45.40 2.00 0.00	49.17 0.68 0.00	50.87 1.00 0.02	56.07 1.26 -0.13	63.25 1.54 -0.27	74.86 2.30 -0.70	85.90 5.47 -1.09	122.03 7.73 -22.33	120.80 9.79 -13.04	95.30 12.30 38.85	91.23 15.91 76.22	91.23 22.48 156.07	91.23 24.21 177.52	91.23 20.17 143.61	165.65 13.40 0.00	102.85 6.99 -0.02	89.63 4.48 -7.93	66.13 2.05 -0.08
BARRETT___1 23545	50.65 1.04 0.01	46.52 2.63 0.00	41.01 2.83 0.00	38.17 2.50 0.00	37.93 2.31 0.00	40.76 2.38 0.00	45.40 2.00 0.00	49.17 0.68 0.00	50.87 1.00 0.02	56.07 1.26 -0.13	63.25 1.54 -0.27	74.86 2.30 -0.70	85.90 5.47 -1.09	171.47 7.73 -71.77	120.80 9.79 -13.04	184.12 12.30 -49.97	284.16 15.91 -116.71	421.46 22.48 -174.16	283.91 24.21 -15.16	247.10 20.17 -12.26	165.65 13.40 0.00	102.92 6.99 -0.09	89.63 4.48 -7.93	66.13 2.05 -0.08
BARRETT___2 23546	50.65 1.04 0.01	46.52 2.63 0.00	41.01 2.83 0.00	38.17 2.50 0.00	37.93 2.31 0.00	40.76 2.38 0.00	45.40 2.00 0.00	49.17 0.68 0.00	50.87 1.00 0.02	56.07 1.26 -0.13	63.25 1.54 -0.27	74.86 2.30 -0.70	85.90 5.47 -1.09	122.03 7.73 -22.33	120.80 9.79 -13.04	95.30 12.30 38.85	91.23 15.91 76.22	91.23 22.48 156.07	91.23 24.21 177.52	91.23 20.17 143.61	165.65 13.40 0.00	102.85 6.99 -0.02	89.63 4.48 -7.93	66.13 2.05 -0.08
BATAVIA__115KV_TB1 55881	53.83 4.22 0.00	46.69 2.81 0.00	40.70 2.52 0.00	37.57 1.89 0.00	37.58 1.96 0.00	39.83 1.46 0.00	44.18 0.78 0.00	49.55 1.07 0.00	51.60 1.70 0.00	57.26 2.57 0.00	64.64 3.19 0.00	74.94 3.09 0.00	81.80 2.46 0.00	94.37 2.39 0.00	103.05 5.09 0.00	126.72 4.87 0.00	155.64 4.09 0.00	226.17 1.35 0.00	248.45 3.91 0.00	220.46 5.80 0.00	156.66 4.42 0.00	99.48 3.64 0.00	80.78 3.55 0.00	67.64 3.65 0.00
BAYONEEC___CTG1 323682	51.65 2.03 0.00	46.34 2.46 0.00	40.51 2.33 0.00	37.82 2.14 0.00	37.72 2.10 0.00	40.52 2.15 0.00	45.61 2.21 0.00	50.77 2.28 0.00	52.20 2.30 0.00	57.64 2.62 -0.33	64.36 2.64 -0.28	75.94 3.38 -0.70	85.83 5.40 -1.09	100.10 7.45 -0.68	120.78 9.89 -12.93	176.89 12.43 -42.60	211.67 15.76 -44.37	284.33 22.48 -37.03	262.71 23.98 5.80	211.66 19.97 22.97	128.76 12.79 36.28	94.22 6.71 8.32	71.05 3.63 9.80	65.60 1.60 0.00
BAYONEEC___CTG10 323750	51.65 2.03 0.00	46.34 2.46 0.00	40.51 2.33 0.00	37.82 2.14 0.00	37.72 2.10 0.00	40.52 2.15 0.00	45.61 2.21 0.00	50.77 2.28 0.00	52.20 2.30 0.00	57.64 2.62 -0.33	64.36 2.64 -0.28	75.94 3.38 -0.70	85.83 5.40 -1.09	100.10 7.45 -0.68	120.78 9.89 -12.93	176.89 12.43 -42.60	211.67 15.76 -44.37	284.33 22.48 -37.03	262.71 23.98 5.80	211.66 19.97 22.97	128.76 12.79 36.28	94.22 6.71 8.32	71.05 3.63 9.80	65.60 1.60 0.00
BAYONEEC___CTG2 323683	51.65 2.03 0.00	46.34 2.46 0.00	40.51 2.33 0.00	37.82 2.14 0.00	37.72 2.10 0.00	40.52 2.15 0.00	45.61 2.21 0.00	50.77 2.28 0.00	52.20 2.30 0.00	57.64 2.62 -0.33	64.36 2.64 -0.28	75.94 3.38 -0.70	85.83 5.40 -1.09	100.10 7.45 -0.68	120.78 9.89 -12.93	176.89 12.43 -42.60	211.67 15.76 -44.37	284.33 22.48 -37.03	262.71 23.98 5.80	211.66 19.97 22.97	128.76 12.79 36.28	94.22 6.71 8.32	71.05 3.63 9.80	65.60 1.60 0.00
BAYONEEC___CTG3 323684	51.65 2.03 0.00	46.34 2.46 0.00	40.51 2.33 0.00	37.82 2.14 0.00	37.72 2.10 0.00	40.52 2.15 0.00	45.61 2.21 0.00	50.77 2.28 0.00	52.20 2.30 0.00	57.64 2.62 -0.33	64.36 2.64 -0.28	75.94 3.38 -0.70	85.83 5.40 -1.09	100.10 7.45 -0.68	120.78 9.89 -12.93	176.89 12.43 -42.60	211.67 15.76 -44.37	284.33 22.48 -37.03	262.71 23.98 5.80	211.66 19.97 22.97	128.76 12.79 36.28	94.22 6.71 8.32	71.05 3.63 9.80	65.60 1.60 0.00
BAYONEEC___CTG4 323685	51.65 2.03 0.00	46.34 2.46 0.00	40.51 2.33 0.00	37.82 2.14 0.00	37.72 2.10 0.00	40.52 2.15 0.00	45.61 2.21 0.00	50.77 2.28 0.00	52.20 2.30 0.00	57.64 2.62 -0.33	64.36 2.64 -0.28	75.94 3.38 -0.70	85.83 5.40 -1.09	100.10 7.45 -0.68	120.78 9.89 -12.93	176.89 12.43 -42.60	211.67 15.76 -44.37	284.33 22.48 -37.03	262.71 23.98 5.80	211.66 19.97 22.97	128.76 12.79 36.28	94.22 6.71 8.32	71.05 3.63 9.80	65.60 1.60 0.00
BAYONEEC___CTG5 323686	51.65 2.03 0.00	46.34 2.46 0.00	40.51 2.33 0.00	37.82 2.14 0.00	37.72 2.10 0.00	40.52 2.15 0.00	45.61 2.21 0.00	50.77 2.28 0.00	52.20 2.30 0.00	57.64 2.62 -0.33	64.36 2.64 -0.28	75.94 3.38 -0.70	85.83 5.40 -1.09	100.10 7.45 -0.68	120.78 9.89 -12.93	176.89 12.43 -42.60	211.67 15.76 -44.37	284.33 22.48 -37.03	262.71 23.98 5.80	211.66 19.97 22.97	128.76 12.79 36.28	94.22 6.71 8.32	71.05 3.63 9.80	65.60 1.60 0.00
BAYONEEC___CTG6 323687	51.65 2.03 0.00	46.34 2.46 0.00	40.51 2.33 0.00	37.82 2.14 0.00	37.72 2.10 0.00	40.52 2.15 0.00	45.61 2.21 0.00	50.77 2.28 0.00	52.20 2.30 0.00	57.64 2.62 -0.33	64.36 2.64 -0.28	75.94 3.38 -0.70	85.83 5.40 -1.09	100.10 7.45 -0.68	120.78 9.89 -12.93	176.89 12.43 -42.60	211.67 15.76 -44.37	284.33 22.48 -37.03	262.71 23.98 5.80	211.66 19.97 22.97	128.76 12.79 36.28	94.22 6.71 8.32	71.05 3.63 9.80	65.60 1.60 0.00
BAYONEEC___CTG7 323688	51.65 2.03 0.00	46.34 2.46 0.00	40.51 2.33 0.00	37.82 2.14 0.00	37.72 2.10 0.00	40.52 2.15 0.00	45.61 2.21 0.00	50.77 2.28 0.00	52.20 2.30 0.00	57.64 2.62 -0.33	64.36 2.64 -0.28	75.94 3.38 -0.70	85.83 5.40 -1.09	100.10 7.45 -0.68	120.78 9.89 -12.93	176.89 12.43 -42.60	211.67 15.76 -44.37	284.33 22.48 -37.03	262.71 23.98 5.80	211.66 19.97 22.97	128.76 12.79 36.28	94.22 6.71 8.32	71.05 3.63 9.80	65.60 1.60 0.00

BAYONEEC___CTG8 323689	51.65 2.03 0.00	46.34 2.46 0.00	40.51 2.33 0.00	37.82 2.14 0.00	37.72 2.10 0.00	40.52 2.15 0.00	45.61 2.21 0.00	50.77 2.28 0.00	52.20 2.30 0.00	57.64 2.62 -0.33	64.36 2.64 -0.28	75.94 3.38 -0.70	85.83 5.40 -1.09	100.10 7.45 -0.68	120.78 9.89 -12.93	176.89 12.43 -42.60	211.67 15.76 -44.37	284.33 22.48 -37.03	262.71 23.98 5.80	211.66 19.97 22.97	128.76 12.79 36.28	94.22 6.71 8.32	71.05 3.63 9.80	65.60 1.60 0.00
BAYONEEC___CTG9 323749	51.65 2.03 0.00	46.34 2.46 0.00	40.51 2.33 0.00	37.82 2.14 0.00	37.72 2.10 0.00	40.52 2.15 0.00	45.61 2.21 0.00	50.77 2.28 0.00	52.20 2.30 0.00	57.64 2.62 -0.33	64.36 2.64 -0.28	75.94 3.38 -0.70	85.83 5.40 -1.09	100.10 7.45 -0.68	120.78 9.89 -12.93	176.89 12.43 -42.60	211.67 15.76 -44.37	284.33 22.48 -37.03	262.71 23.98 5.80	211.66 19.97 22.97	128.76 12.79 36.28	94.22 6.71 8.32	71.05 3.63 9.80	65.60 1.60 0.00
BEACON___LESR 323632	49.86 0.25 0.00	44.37 0.48 0.00	38.79 0.61 0.00	36.43 0.75 0.00	36.33 0.71 0.00	38.87 0.50 0.00	43.88 0.48 0.00	48.73 0.24 0.00	50.00 0.10 0.00	54.48 0.05 0.26	61.22 0.00 0.22	71.45 0.14 0.55	79.28 0.79 0.85	93.00 1.56 0.53	99.45 2.54 1.05	123.45 3.78 2.19	151.53 5.16 5.17	229.95 7.41 2.28	252.85 8.32 0.00	221.74 7.07 0.00	157.57 5.33 0.00	98.52 2.68 0.00	78.46 1.23 0.00	64.38 0.39 0.00
BEAVER RIVER___HYD 24048	51.90 2.28 0.00	45.77 1.89 0.00	39.63 1.45 0.00	36.96 1.28 0.00	37.01 1.39 0.00	39.99 1.61 0.00	45.35 1.95 0.00	50.77 2.28 0.00	52.04 2.14 0.00	56.65 1.97 0.00	63.35 1.91 0.00	73.94 2.09 0.00	81.33 1.98 0.00	94.27 2.30 0.00	98.16 0.20 0.00	122.37 0.49 -0.03	152.58 1.07 0.03	229.31 4.49 0.00	213.56 6.12 37.09	221.36 6.66 -0.03	157.49 5.18 -0.06	98.90 3.07 0.00	81.55 4.32 0.00	67.45 3.45 0.00
BEEBEE_GT_13 23619	52.09 2.48 0.00	45.42 1.54 0.00	39.52 1.34 0.00	36.60 0.93 0.00	36.58 0.96 0.00	38.95 0.58 0.00	43.62 0.22 0.00	49.02 0.53 0.00	50.95 1.05 0.00	56.44 1.75 0.00	63.71 2.27 0.00	74.30 2.44 0.00	82.12 2.78 0.00	95.01 3.04 0.00	103.05 5.09 0.00	127.21 5.36 0.00	156.85 5.30 0.00	229.32 4.50 0.00	250.89 6.36 0.00	221.53 6.87 0.00	157.42 5.18 0.00	99.57 3.74 0.00	79.78 2.55 0.00	66.43 2.43 0.00
BENSHRST_27_KV_BENSHRST_1 355998	52.54 2.93 0.00	47.18 3.29 0.00	41.24 3.05 0.00	38.49 2.82 0.00	38.36 2.74 0.00	41.14 2.76 0.00	46.22 2.82 0.00	51.06 2.57 0.00	52.44 2.54 0.00	57.92 2.90 -0.33	64.73 3.01 -0.28	76.51 3.95 -0.70	86.38 5.95 -1.09	100.47 7.82 -0.68	109.17 10.68 -0.53	178.06 13.53 -42.69	213.09 16.97 -44.57	286.21 24.28 -37.11	264.65 25.92 5.81	213.80 22.11 22.98	130.43 14.46 36.28	95.17 7.67 8.33	71.82 4.40 9.81	66.23 2.24 0.01
BETHLEHEM___GRP 23843	49.07 -0.55 0.00	43.71 -0.18 0.00	38.22 0.04 0.00	35.96 0.29 0.00	35.87 0.25 0.00	38.38 0.00 0.00	43.18 -0.22 0.00	47.95 -0.53 0.00	49.25 -0.65 0.00	53.62 -0.82 0.24	60.25 -0.98 0.21	70.33 -1.01 0.52	78.07 -0.48 0.80	91.38 -0.09 0.50	98.55 0.98 0.39	121.26 1.58 2.17	148.69 2.27 5.13	225.70 3.15 2.26	247.96 3.42 0.00	217.24 2.58 0.00	154.38 2.13 0.00	96.70 0.86 0.00	77.00 -0.23 0.00	63.29 -0.70 0.00
BETHLEHEM___GS1 323560	49.07 -0.54 0.00	43.71 -0.17 0.00	38.22 0.04 0.00	35.93 0.25 0.00	35.87 0.25 0.00	38.30 -0.08 0.00	43.18 -0.22 0.00	47.95 -0.53 0.00	49.20 -0.70 0.00	53.62 -0.82 0.24	60.25 -0.99 0.21	70.33 -1.01 0.52	78.07 -0.47 0.80	91.57 0.09 0.50	97.91 0.98 1.02	121.26 1.58 2.17	148.69 2.28 5.13	225.70 3.15 2.26	247.96 3.42 0.00	217.25 2.59 0.00	154.38 2.13 0.00	96.70 0.86 0.00	77.00 -0.23 0.00	63.23 -0.77 0.00
BETHLEHEM___GS2 323561	49.07 -0.54 0.00	43.71 -0.17 0.00	38.22 0.04 0.00	35.93 0.25 0.00	35.87 0.25 0.00	38.30 -0.08 0.00	43.18 -0.22 0.00	47.95 -0.53 0.00	49.20 -0.70 0.00	53.62 -0.82 0.24	60.25 -0.99 0.21	70.33 -1.01 0.52	78.07 -0.47 0.80	91.57 0.09 0.50	97.91 0.98 1.02	121.26 1.58 2.17	148.69 2.28 5.13	225.70 3.15 2.26	247.96 3.42 0.00	217.25 2.59 0.00	154.38 2.13 0.00	96.70 0.86 0.00	77.00 -0.23 0.00	63.23 -0.77 0.00
BETHLEHEM___GS3 323562	49.07 -0.54 0.00	43.71 -0.17 0.00	38.22 0.04 0.00	35.93 0.25 0.00	35.87 0.25 0.00	38.30 -0.08 0.00	43.18 -0.22 0.00	47.95 -0.53 0.00	49.20 -0.70 0.00	53.62 -0.82 0.24	60.25 -0.99 0.21	70.33 -1.01 0.52	78.07 -0.47 0.80	91.57 0.09 0.50	97.91 0.98 1.02	121.26 1.58 2.17	148.69 2.28 5.13	225.70 3.15 2.26	247.96 3.42 0.00	217.25 2.59 0.00	154.38 2.13 0.00	96.70 0.86 0.00	77.00 -0.23 0.00	63.23 -0.77 0.00
BETHLEHEM___STEEL 23779	52.99 3.37 0.00	45.99 2.11 0.00	40.13 1.95 0.00	37.03 1.36 0.00	37.05 1.42 0.00	39.22 0.84 0.00	43.57 0.17 0.00	48.63 0.15 0.00	50.90 1.00 0.00	56.55 1.86 0.00	64.08 2.64 0.00	74.15 2.30 0.00	82.44 3.09 0.00	94.83 2.85 0.00	103.84 5.88 0.00	127.82 5.97 0.00	156.24 4.70 0.00	225.72 0.90 0.00	246.74 2.20 0.00	219.39 4.72 0.00	155.29 3.04 0.00	99.00 3.16 0.00	79.39 2.16 0.00	66.75 2.75 0.00
BETHLHEM_115KV_TB1 79974	49.22 -0.40 0.00	43.84 -0.04 0.00	38.33 0.15 0.00	36.03 0.36 0.00	35.91 0.28 0.00	38.45 0.08 0.00	43.31 -0.09 0.00	48.10 -0.39 0.00	49.40 -0.50 0.00	53.80 -0.66 0.23	60.45 -0.80 0.20	70.58 -0.79 0.49	78.35 -0.24 0.75	91.69 0.18 0.47	98.86 1.27 0.37	121.52 1.83 2.16	149.17 2.73 5.11	226.17 3.60 2.25	248.69 4.16 0.00	217.89 3.22 0.00	154.84 2.59 0.00	96.89 1.05 0.00	77.23 0.00 0.00	63.48 -0.51 0.00
BETHPAGE_CC_5 323564	50.54 0.94 0.01	46.56 2.68 0.00	41.12 2.94 0.00	38.25 2.57 0.00	38.04 2.42 0.00	40.83 2.46 0.00	45.40 2.00 0.00	49.02 0.53 0.00	50.67 1.10 0.33	52.26 1.26 3.68	63.20 1.54 -0.23	74.71 2.30 -0.56	86.15 5.72 -1.09	108.11 8.18 -7.95	121.68 10.68 -13.04	176.11 13.64 -40.61	265.35 17.42 -96.38	298.93 24.95 -49.16	266.05 26.66 5.14	232.62 22.12 4.16	166.87 14.62 0.00	103.22 7.38 0.00	81.98 4.32 -0.43	65.70 1.79 0.08
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	53.04 3.42 0.00	46.04 2.15 0.00	40.17 1.99 0.00	37.07 1.39 0.00	37.08 1.46 0.00	39.26 0.88 0.00	43.66 0.26 0.00	48.73 0.24 0.00	51.00 1.10 0.00	56.66 1.97 0.00	64.27 2.83 0.00	74.37 2.51 0.00	82.75 3.41 0.00	95.19 3.22 0.00	104.33 6.37 0.00	128.31 6.46 0.00	157.00 5.46 0.00	226.84 2.02 0.00	247.96 3.42 0.00	220.46 5.80 0.00	155.90 3.65 0.00	99.29 3.45 0.00	79.54 2.32 0.00	66.81 2.82 0.00
BINGHAMTON___COGEN 23790	51.10 1.49 0.00	45.03 1.14 0.00	39.21 1.03 0.00	36.50 0.82 0.00	36.48 0.85 0.00	39.07 0.69 0.00	44.05 0.65 0.00	49.02 0.53 0.00	50.65 0.75 0.00	55.73 1.04 0.00	62.79 1.35 0.00	73.36 1.51 0.00	81.56 2.22 0.00	94.73 2.76 0.00	102.27 4.31 0.00	126.97 5.12 0.00	157.30 5.76 0.00	231.56 6.74 0.00	252.85 8.31 0.00	222.61 7.94 0.00	157.58 5.33 0.00	99.19 3.35 0.00	79.23 2.01 0.00	65.53 1.54 0.00

BIXINCNT_115KV_LOAD 355685	52.84 3.22 0.00	45.90 2.02 0.00	40.05 1.87 0.00	37.07 1.39 0.00	37.12 1.50 0.00	39.41 1.04 0.00	44.01 0.61 0.00	49.07 0.58 0.00	51.35 1.45 0.00	57.04 2.35 0.00	64.70 3.26 0.00	74.94 3.09 0.00	83.55 4.21 0.00	96.02 4.05 0.00	105.31 7.35 0.00	129.77 7.92 0.00	158.97 7.43 0.00	229.09 4.27 0.00	250.89 6.36 0.00	223.04 8.37 0.00	157.27 5.02 0.00	99.86 4.03 0.00	79.93 2.70 0.00	66.87 2.88 0.00
BLACK RIVER___HYD 24047	52.84 3.22 0.00	46.61 2.72 0.00	40.32 2.14 0.00	37.53 1.85 0.00	37.65 2.03 0.00	40.64 2.26 0.00	46.09 2.69 0.00	51.54 3.06 0.00	52.84 2.94 0.00	57.47 2.79 0.00	64.33 2.89 0.00	75.16 3.31 0.00	82.83 3.49 0.00	96.21 4.23 0.00	100.50 2.54 0.00	125.52 3.65 -0.02	156.37 4.85 0.02	234.70 9.88 0.00	232.39 13.44 25.59	228.45 13.75 -0.03	162.79 10.50 -0.05	101.88 6.04 0.00	83.41 6.18 0.00	68.73 4.74 0.00
BLACKRVR_115KV_TB2 79977	52.84 3.22 0.00	46.61 2.72 0.00	40.32 2.14 0.00	37.53 1.86 0.00	37.65 2.03 0.00	40.60 2.23 0.00	46.09 2.69 0.00	51.54 3.05 0.00	52.79 2.89 0.00	57.48 2.79 0.00	64.33 2.89 0.00	75.16 3.31 0.00	82.83 3.49 0.00	96.30 4.32 0.00	100.51 2.55 0.00	125.53 3.66 -0.02	156.37 4.85 0.02	234.71 9.89 0.00	232.15 13.20 25.59	228.42 13.74 -0.01	162.79 10.51 -0.04	101.87 6.04 0.00	83.41 6.18 0.00	68.67 4.67 0.00
BLDWN_LI_69_KV_BK4 356085	51.14 1.54 0.01	47.05 3.16 0.00	41.31 3.13 0.00	38.49 2.82 0.00	38.22 2.60 0.00	41.10 2.72 0.00	45.70 2.30 0.00	50.23 1.75 0.00	51.34 1.65 0.20	54.43 1.86 2.11	64.05 2.33 -0.28	75.58 3.02 -0.70	86.30 5.87 -1.09	124.17 8.37 -23.83	109.67 11.17 -0.54	179.08 14.26 -42.98	271.41 18.34 -101.53	331.51 26.30 -80.39	272.90 28.37 0.00	238.28 23.61 0.00	167.78 15.53 0.00	104.20 8.34 -0.02	85.37 5.41 -2.74	66.77 2.75 -0.02
BLISS_WT_PWR 323608	52.79 3.18 0.00	45.91 2.02 0.00	40.01 1.83 0.00	37.24 1.57 0.00	37.12 1.50 0.00	39.53 1.15 0.00	44.01 0.61 0.00	49.07 0.58 0.00	51.75 1.85 0.00	57.09 2.40 0.00	64.82 3.38 0.00	75.01 3.16 0.00	83.39 4.04 0.00	96.21 4.23 0.00	105.31 7.35 0.00	129.77 7.92 0.00	158.97 7.42 0.00	229.31 4.49 0.00	250.88 6.35 0.00	222.82 8.16 0.00	157.27 5.02 0.00	99.95 4.12 0.00	79.85 2.63 0.00	67.38 3.39 0.00
BLUESTONE___WT_PWR 323821	53.38 3.77 0.00	47.09 3.20 0.00	40.89 2.71 0.00	38.07 2.39 0.00	38.11 2.49 0.00	40.99 2.61 0.00	46.35 2.95 0.00	51.74 3.25 0.00	53.34 3.44 0.00	58.29 3.61 0.00	65.62 4.18 0.00	76.67 4.81 0.00	85.29 5.95 0.00	99.60 7.63 0.00	107.75 9.79 0.00	134.40 12.55 0.00	166.84 15.30 0.00	247.52 22.70 0.00	270.71 26.18 0.00	238.07 23.40 0.00	168.55 16.30 0.00	105.51 9.68 0.00	83.71 6.49 0.00	68.99 4.99 0.00
BLUE_CIRC_CHEM_DRP 24182	48.87 -0.74 0.00	43.49 -0.39 0.00	38.03 -0.15 0.00	35.68 0.00 0.00	35.58 -0.04 0.00	38.15 -0.23 0.00	42.97 -0.43 0.00	47.61 -0.87 0.00	48.80 -1.10 0.00	53.16 -1.37 0.16	59.65 -1.66 0.14	69.46 -1.94 0.45	74.96 -1.59 2.79	84.31 -1.38 6.29	94.63 -0.59 2.74	110.66 -0.37 10.83	130.37 -0.15 21.02	184.92 -0.22 39.67	208.04 0.49 36.99	215.08 0.43 0.02	153.14 0.91 0.02	93.87 0.10 2.06	76.61 -0.62 0.00	63.10 -0.90 0.00
BOC_GAS_DRP 24189	49.56 -0.05 0.00	44.15 0.26 0.00	38.56 0.38 0.00	36.14 0.46 0.00	36.05 0.43 0.00	38.68 0.31 0.00	43.57 0.17 0.00	48.44 -0.05 0.00	49.75 -0.15 0.00	54.31 -0.22 0.15	61.00 -0.31 0.13	71.32 -0.22 0.32	79.38 0.40 0.36	92.96 0.92 -0.07	99.93 2.06 0.09	123.00 2.68 1.53	151.11 3.49 3.91	229.75 4.72 -0.21	252.03 5.14 -2.36	218.74 4.08 0.00	155.29 3.04 0.00	97.50 1.53 -0.13	77.69 0.46 0.00	63.87 -0.13 0.00
BOONVILLE_115KV_TB1 79983	51.50 1.89 0.00	45.51 1.62 0.00	39.52 1.34 0.00	36.85 1.18 0.00	36.90 1.28 0.00	39.76 1.38 0.00	45.05 1.65 0.00	50.33 1.84 0.00	51.75 1.85 0.00	56.55 1.86 0.00	63.47 2.03 0.00	74.15 2.30 0.00	81.80 2.46 0.00	95.19 3.22 0.00	101.19 3.23 0.00	126.13 4.26 -0.01	157.14 5.61 0.01	234.49 9.67 0.00	241.78 11.25 14.00	224.76 10.09 -0.01	159.58 7.31 -0.02	100.05 4.22 0.00	81.01 3.78 0.00	66.75 2.75 0.00
BORALEX_4TH_BRANCH 23824	50.85 1.24 0.00	45.38 1.49 0.00	39.86 1.68 0.00	37.35 1.68 0.00	37.26 1.64 0.00	39.99 1.61 0.00	44.96 1.56 0.00	49.70 1.21 0.00	51.05 1.15 0.00	54.95 0.93 0.66	61.86 0.98 0.56	71.75 1.29 1.40	79.63 2.46 2.17	94.11 3.50 1.36	102.09 5.19 1.06	126.37 7.07 2.54	155.54 10.00 6.01	236.33 14.16 2.65	259.21 14.67 0.00	226.90 12.24 0.00	161.99 9.74 0.00	101.30 5.46 0.00	80.47 3.24 0.00	65.91 1.92 0.00
BOWLINE___1 23526	51.00 1.39 0.00	45.64 1.76 0.00	39.94 1.76 0.00	37.32 1.64 0.00	37.22 1.60 0.00	39.95 1.57 0.00	44.92 1.52 0.00	49.84 1.36 0.00	51.20 1.30 0.00	56.53 1.53 -0.31	63.37 1.66 -0.27	74.81 2.30 -0.66	84.33 3.97 -1.02	98.23 5.61 -0.64	114.52 7.84 -8.72	160.08 9.99 -28.24	231.13 12.87 -66.71	272.43 18.20 -29.41	263.85 19.31 0.00	230.77 16.11 0.00	162.45 10.20 0.00	101.10 5.27 0.00	79.85 2.63 0.00	64.96 0.96 0.00
BOWLINE___2 23595	51.05 1.44 0.00	45.73 1.84 0.00	39.98 1.79 0.00	37.35 1.68 0.00	37.26 1.64 0.00	39.99 1.61 0.00	45.01 1.61 0.00	49.89 1.41 0.00	51.20 1.30 0.00	56.53 1.53 -0.31	63.37 1.66 -0.27	74.82 2.30 -0.66	84.33 3.97 -1.02	98.32 5.70 -0.64	114.52 7.84 -8.72	160.10 9.99 -28.26	231.18 12.87 -66.76	272.45 18.20 -29.43	263.85 19.31 0.00	230.77 16.11 0.00	162.61 10.36 0.00	101.10 5.27 0.00	79.85 2.63 0.00	64.96 0.96 0.00
BRADY___115KV_TB2 356060	50.51 0.89 0.00	44.54 0.66 0.00	38.49 0.31 0.00	35.96 0.29 0.00	35.98 0.36 0.00	38.99 0.61 0.00	44.40 1.00 0.00	49.75 1.26 0.00	51.00 1.10 0.00	55.62 0.93 0.00	62.18 0.74 0.00	72.36 0.50 0.00	78.87 -0.48 0.00	90.59 -1.38 0.00	92.28 -5.68 0.00	93.09 -7.19 21.57	94.44 -8.49 48.62	217.62 -7.19 0.00	104.19 -10.52 129.83	99.15 -8.16 107.35	96.70 -5.18 50.37	93.63 -2.20 0.00	78.23 1.00 0.00	65.72 1.73 0.00
BRANSCOMB___SOLAR 323811	51.20 1.59 0.00	45.51 1.62 0.00	39.82 1.64 0.00	37.21 1.53 0.00	37.15 1.53 0.00	39.91 1.54 0.00	44.96 1.56 0.00	49.94 1.45 0.00	51.25 1.35 0.00	55.50 1.15 0.33	62.08 0.92 0.28	72.30 1.15 0.70	80.24 1.98 1.09	94.23 2.94 0.68	100.83 4.02 1.15	125.48 5.73 2.10	154.60 8.03 4.97	234.54 11.91 2.19	259.21 14.67 0.00	228.42 13.75 0.00	163.06 10.81 0.00	101.78 5.94 0.00	81.01 3.78 0.00	66.43 2.43 0.00
BRDGHMPT_69_KV_BK1 55812	51.58 1.98 0.02	47.88 3.99 0.00	42.11 3.93 0.00	39.17 3.50 0.00	38.86 3.24 0.00	41.83 3.45 0.00	46.22 2.82 0.00	50.81 2.33 0.00	51.94 2.45 0.40	53.04 2.95 4.60	65.62 4.06 -0.13	77.76 5.68 -0.23	90.59 10.16 -1.09	108.97 13.70 -3.29	122.28 17.14 -7.18	238.36 20.59 -95.92	270.98 25.00 -94.43	300.42 36.20 -39.40	276.08 38.64 7.09	260.93 33.27 -12.99	208.33 23.29 -32.79	107.92 12.08 -0.01	83.66 7.49 1.06	67.80 4.10 0.29

BRENTWOD_69_KV_W. BRTWOOD 56703	50.74 1.14 0.02	47.22 3.34 0.00	41.50 3.32 0.00	38.67 3.00 0.00	38.40 2.78 0.00	41.29 2.92 0.00	45.79 2.39 0.00	50.09 1.60 0.00	50.85 1.35 0.40	51.60 1.42 4.51	63.37 1.84 -0.09	75.23 2.73 -0.65	86.41 5.95 -1.12	103.77 8.00 -3.79	109.37 10.87 -0.54	175.69 14.01 -39.83	263.66 17.43 -94.69	290.70 25.40 -40.48	264.85 27.14 6.83	232.11 22.97 5.53	167.47 15.22 0.00	103.21 7.38 0.00	80.65 4.79 1.36	66.31 2.30 -0.01
BRISTLHL_115KV_TB1 79998	49.51 -0.10 0.00	43.67 -0.22 0.00	37.99 -0.19 0.00	35.43 -0.25 0.00	35.37 -0.25 0.00	37.99 -0.38 0.00	42.92 -0.48 0.00	47.95 -0.53 0.00	49.35 -0.55 0.00	54.19 -0.49 0.00	60.95 -0.49 0.00	71.28 -0.57 0.00	79.02 -0.32 0.00	91.88 -0.09 0.00	98.64 0.69 0.00	122.58 0.73 0.00	152.30 0.76 0.00	225.04 0.22 0.00	242.45 1.22 3.31	216.17 22.97 0.00	153.47 1.22 -0.01	96.32 0.48 0.00	77.15 -0.08 0.00	63.67 -0.32 0.00
BROOKHAVEN___DRP 24191	50.09 0.50 0.02	46.65 2.76 0.00	41.01 2.83 0.00	38.17 2.50 0.00	37.94 2.32 0.00	40.79 2.42 0.00	45.18 1.78 0.00	49.46 0.97 0.00	50.29 0.80 0.40	50.91 0.82 4.60	62.86 1.29 -0.13	74.25 2.16 -0.24	86.14 5.71 -1.09	103.62 8.37 -3.28	116.14 11.27 -6.91	229.79 14.26 -93.69	262.94 16.97 -94.43	288.71 24.51 -39.38	263.85 26.41 7.10	250.31 23.40 -12.25	199.42 15.68 -31.49	103.60 7.76 -0.01	80.75 4.56 1.04	65.50 1.79 0.28
BROOKLYN_NAVY_YARD 23515	51.70 2.08 0.00	46.39 2.50 0.00	40.55 2.37 0.00	37.85 2.18 0.00	37.72 2.10 0.00	40.56 2.19 0.00	45.66 2.26 0.00	50.81 2.33 0.00	52.30 2.40 0.00	57.75 2.73 -0.33	64.55 2.83 -0.28	76.08 3.52 -0.70	85.98 5.55 -1.09	100.29 7.63 -0.68	121.07 10.19 -12.93	179.12 12.79 -44.48	272.48 16.22 -104.72	297.71 23.16 -49.73	273.29 24.69 -4.06	238.77 20.82 -3.29	165.65 13.40 0.00	102.83 6.99 0.00	81.16 3.94 0.00	65.78 1.79 0.00
BROOKLYN___ARMY_DRP 323595	52.24 2.63 0.00	46.91 3.03 0.00	41.01 2.83 0.00	38.32 2.64 0.00	38.19 2.56 0.00	40.95 2.57 0.00	46.00 2.60 0.00	50.77 2.28 0.00	52.10 2.20 0.00	57.54 2.52 -0.33	64.30 2.58 -0.28	75.93 3.38 -0.70	85.82 5.40 -1.09	99.74 7.08 -0.68	108.39 9.89 -0.53	176.96 12.43 -42.69	211.73 15.61 -44.57	284.19 22.26 -37.11	262.45 23.72 5.81	211.86 20.18 22.98	129.06 13.09 36.28	94.41 6.90 8.33	71.20 3.78 9.81	65.78 1.79 0.01
BROOME_2_LFGE 323671	51.10 1.49 0.00	45.07 1.19 0.00	39.21 1.03 0.00	36.53 0.85 0.00	36.47 0.85 0.00	39.10 0.73 0.00	44.01 0.61 0.00	48.97 0.48 0.00	50.75 0.85 0.00	55.72 1.04 0.00	62.79 1.35 0.00	73.37 1.51 0.00	81.48 2.14 0.00	94.83 2.85 0.00	102.26 4.31 0.00	126.97 5.12 0.00	157.30 5.76 0.00	231.56 6.74 0.00	252.85 8.32 0.00	222.61 7.95 0.00	157.57 5.33 0.00	99.19 3.35 0.00	79.23 2.00 0.00	65.66 1.66 0.00
BROOME___LFGE 323600	51.10 1.49 0.00	45.07 1.19 0.00	39.21 1.03 0.00	36.53 0.85 0.00	36.47 0.85 0.00	39.10 0.73 0.00	44.01 0.61 0.00	48.97 0.48 0.00	50.75 0.85 0.00	55.72 1.04 0.00	62.79 1.35 0.00	73.37 1.51 0.00	81.48 2.14 0.00	94.83 2.85 0.00	102.26 4.31 0.00	126.97 5.12 0.00	157.30 5.76 0.00	231.56 6.74 0.00	252.85 8.32 0.00	222.61 7.95 0.00	157.57 5.33 0.00	99.19 3.35 0.00	79.23 2.00 0.00	65.66 1.66 0.00
BROWNFLS_115KV_TB_3_5 80003	51.05 1.44 0.00	45.03 1.14 0.00	38.95 0.76 0.00	36.35 0.68 0.00	36.37 0.75 0.00	39.34 0.96 0.00	44.75 1.35 0.00	50.14 1.65 0.00	51.40 1.50 0.00	56.00 1.31 0.00	62.42 0.98 0.00	72.79 0.93 0.00	79.74 0.40 0.00	92.07 0.09 0.00	94.82 -3.13 0.00	118.25 -3.66 -0.06	147.24 -4.24 0.06	222.57 -2.25 0.00	174.35 -3.18 67.01	212.98 -1.72 -0.03	151.59 -0.76 -0.10	95.74 -0.10 0.00	79.62 2.39 0.00	66.30 2.30 0.00
BROWNSV1_27_KV_LOAD 356125	52.29 2.68 0.00	46.87 2.98 0.00	40.97 2.79 0.00	38.24 2.57 0.00	38.11 2.49 0.00	40.95 2.57 0.00	46.09 2.69 0.00	51.40 2.91 0.00	52.94 3.04 0.00	58.35 3.34 -0.33	65.35 3.62 -0.28	77.01 4.45 -0.70	86.93 6.51 -1.09	101.30 8.65 -0.68	110.05 11.56 -0.53	178.95 14.50 -42.60	270.53 18.34 -100.65	295.49 26.30 -44.37	272.66 28.12 0.00	238.49 23.83 0.00	167.63 15.38 0.00	104.17 8.34 0.00	82.09 4.87 0.00	66.68 2.69 0.00
BURROWS___LYONSDAL 23803	51.60 1.98 0.00	45.60 1.71 0.00	39.56 1.37 0.00	36.89 1.21 0.00	36.94 1.32 0.00	39.83 1.46 0.00	45.14 1.74 0.00	50.47 1.99 0.00	51.85 1.95 0.00	56.60 1.91 0.00	63.41 1.97 0.00	74.15 2.30 0.00	81.72 2.38 0.00	95.01 3.04 0.00	100.60 2.64 0.00	125.52 3.66 -0.02	156.38 4.85 0.02	233.59 8.77 0.00	236.27 10.27 18.53	224.33 9.66 -0.01	159.43 7.16 -0.03	99.96 4.12 0.00	81.17 3.94 0.00	66.94 2.94 0.00
CAITHNESS_CC_1 323624	50.04 0.45 0.02	46.43 2.54 0.00	40.97 2.79 0.00	38.10 2.43 0.00	37.90 2.28 0.00	40.68 2.30 0.00	45.14 1.74 0.00	48.49 0.00 0.00	50.10 0.60 0.40	50.85 0.77 4.60	62.68 1.11 -0.13	74.04 1.94 -0.25	86.15 5.72 -1.09	103.70 8.46 -3.27	127.98 10.87 -19.15	227.20 13.89 -91.46	262.64 16.67 -94.43	288.00 23.82 -39.36	263.11 25.67 7.09	248.50 22.32 -11.51	197.52 15.08 -30.19	103.32 7.48 0.00	80.54 4.32 1.01	65.32 1.60 0.28
CALPINE BETH_PAGE_GT4 24209	50.54 0.94 0.01	46.69 2.81 0.00	41.12 2.94 0.00	38.32 2.64 0.00	38.04 2.42 0.00	40.91 2.53 0.00	45.35 1.95 0.00	49.84 1.36 0.00	50.80 1.20 0.30	52.72 1.31 3.28	63.37 1.66 -0.28	74.96 2.37 -0.74	85.90 5.47 -1.09	109.84 7.91 -9.96	109.28 10.78 -0.54	176.67 13.77 -41.05	266.47 17.58 -97.34	303.52 25.18 -53.52	267.25 26.90 4.18	233.61 22.33 3.38	166.86 14.62 0.00	103.22 7.38 0.00	82.78 4.40 -1.16	65.94 1.92 -0.03
CALPINE_BETH_PAGE_GT_4 323586	50.54 0.94 0.01	46.56 2.68 0.00	41.12 2.94 0.00	38.28 2.60 0.00	38.04 2.42 0.00	40.83 2.46 0.00	45.35 1.95 0.00	49.02 0.53 0.00	50.65 1.05 0.30	52.72 1.31 3.28	63.31 1.59 -0.28	74.96 2.37 -0.74	86.15 5.72 -1.09	110.12 8.18 -9.96	121.78 10.78 -13.04	176.67 13.76 -41.06	266.47 17.57 -97.35	303.51 25.17 -53.52	267.26 26.90 4.17	233.61 22.32 3.37	166.87 14.62 0.00	103.32 7.48 0.00	82.78 4.40 -1.16	65.81 1.79 -0.03
CALPINE_BP_GT1 23823	50.54 0.94 0.01	46.56 2.68 0.00	41.12 2.94 0.00	38.28 2.60 0.00	38.04 2.42 0.00	40.83 2.46 0.00	45.35 1.95 0.00	49.02 0.53 0.00	50.65 1.05 0.30	52.72 1.31 3.28	63.31 1.59 -0.28	74.96 2.37 -0.74	86.15 5.72 -1.09	110.12 8.18 -9.96	121.78 10.78 -13.04	176.67 13.76 -41.06	266.47 17.57 -97.35	303.51 25.17 -53.52	267.26 26.90 4.17	233.61 22.32 3.37	166.87 14.62 0.00	103.32 7.48 0.00	82.78 4.40 -1.16	65.81 1.79 -0.03
CALSPAN___DRP 24200	52.99 3.37 0.00	45.99 2.11 0.00	40.13 1.95 0.00	37.03 1.36 0.00	37.05 1.42 0.00	39.22 0.84 0.00	43.57 0.17 0.00	48.63 0.15 0.00	50.90 1.00 0.00	56.55 1.86 0.00	64.08 2.64 0.00	74.15 2.30 0.00	82.44 3.09 0.00	94.83 2.85 0.00	103.84 5.88 0.00	127.82 5.97 0.00	156.24 4.70 0.00	225.72 0.90 0.00	246.74 2.20 0.00	219.39 4.72 0.00	155.29 3.04 0.00	99.00 3.16 0.00	79.39 2.16 0.00	66.75 2.75 0.00

CALVERTON___SOLAR 323806	50.24 0.64 0.02	46.56 2.68 0.00	41.12 2.94 0.00	38.21 2.53 0.00	38.01 2.39 0.00	40.80 2.42 0.00	45.26 1.86 0.00	48.63 0.15 0.00	50.29 0.80 0.40	51.12 1.04 4.60	63.04 1.47 -0.13	74.53 2.44 -0.23	86.86 6.42 -1.09	104.64 9.39 -3.28	129.42 11.95 -19.51	231.37 14.98 -94.54	263.85 17.87 -94.44	290.05 25.84 -39.39	265.32 27.87 7.09	251.66 24.46 -12.54	200.98 16.75 -31.98	104.28 8.44 0.00	81.13 4.95 1.04	65.70 1.99 0.28
CANDIGU_WT_PWR 323617	52.29 2.68 0.00	45.73 1.84 0.00	39.79 1.60 0.00	37.00 1.32 0.00	36.90 1.28 0.00	39.37 1.00 0.00	44.01 0.61 0.00	48.78 0.29 0.00	50.80 0.90 0.00	55.84 1.15 0.00	63.16 1.72 0.00	73.43 1.58 0.00	81.56 2.22 0.00	94.36 2.39 0.00	102.37 4.41 0.00	126.60 4.75 0.00	155.94 4.40 0.00	227.53 2.71 0.00	249.68 5.14 0.00	221.97 7.30 0.00	157.27 5.02 0.00	99.57 3.73 0.00	79.77 2.54 0.00	66.88 2.88 0.00
CARR STREET_E_SYR 24060	49.56 -0.05 0.00	43.75 -0.13 0.00	38.03 -0.15 0.00	35.46 -0.21 0.00	35.41 -0.21 0.00	38.03 -0.35 0.00	42.92 -0.48 0.00	47.95 -0.53 0.00	49.55 -0.35 0.00	54.36 -0.33 0.00	61.26 -0.18 0.00	71.57 -0.29 0.00	79.34 0.00 0.00	92.34 0.37 0.00	99.23 1.27 0.00	123.20 1.34 0.00	153.06 1.52 0.00	225.95 1.13 0.00	243.76 1.95 2.72	216.81 2.15 0.00	153.78 1.52 0.00	96.60 0.76 0.00	77.30 0.08 0.00	63.93 -0.06 0.00
CARTHAGE___PAPER 23857	52.29 2.68 0.00	46.12 2.24 0.00	39.90 1.72 0.00	37.21 1.53 0.00	37.29 1.67 0.00	40.26 1.88 0.00	45.74 2.34 0.00	51.15 2.67 0.00	52.39 2.49 0.00	56.98 2.30 0.00	63.72 2.27 0.00	74.37 2.51 0.00	81.80 2.46 0.00	94.83 2.85 0.00	97.37 -0.58 0.00	121.51 -0.36 -0.03	151.67 0.15 0.03	228.20 3.38 0.00	220.12 5.63 30.04	221.13 6.43 -0.03	157.48 5.18 -0.05	98.81 2.97 0.00	82.40 5.17 0.00	68.03 4.03 0.00
CASSADAGA_WT_PWR 323784	54.17 4.56 0.00	47.09 3.20 0.00	41.01 2.83 0.00	38.07 2.39 0.00	37.90 2.28 0.00	40.33 1.96 0.00	45.22 1.82 0.00	50.48 1.99 0.00	53.24 3.34 0.00	58.73 4.05 0.00	66.73 5.28 0.00	77.31 5.46 0.00	86.08 6.74 0.00	99.15 7.18 0.00	108.73 10.78 0.00	133.92 12.07 0.00	163.97 12.43 0.00	234.70 9.88 0.00	256.76 12.22 0.00	228.42 13.75 0.00	160.92 8.67 0.00	102.26 6.42 0.00	81.70 4.48 0.00	68.99 4.99 0.00
CE_DUNWOOD___DRP 24194	51.35 1.74 0.00	46.08 2.19 0.00	40.28 2.10 0.00	37.67 2.00 0.00	37.51 1.89 0.00	40.30 1.92 0.00	45.31 1.91 0.00	50.43 1.94 0.00	51.85 1.95 0.00	57.15 2.13 -0.33	64.06 2.33 -0.28	75.57 3.02 -0.70	85.27 4.84 -1.09	99.18 6.53 -0.68	107.60 9.11 -0.53	172.93 11.58 -39.50	259.72 14.85 -93.32	286.87 20.91 -41.14	267.03 22.50 0.00	233.34 18.68 0.00	164.43 12.18 0.00	102.16 6.33 0.00	80.62 3.40 0.00	65.59 1.60 0.00
CE_MILLWOOD___DRP 24193	51.25 1.64 0.00	45.95 2.06 0.00	40.17 1.99 0.00	37.57 1.89 0.00	37.40 1.78 0.00	40.18 1.80 0.00	45.18 1.78 0.00	50.28 1.79 0.00	51.65 1.75 0.00	56.93 1.91 -0.33	63.87 2.15 -0.28	75.28 2.73 -0.70	84.94 4.52 -1.08	98.81 6.16 -0.68	107.11 8.62 -0.53	168.88 11.09 -35.94	250.55 14.09 -84.91	282.26 20.01 -37.43	265.81 21.27 0.00	232.48 17.82 0.00	163.82 11.57 0.00	101.87 6.04 0.00	80.47 3.24 0.00	65.47 1.47 0.00
CE_NYC2_DRP 24202	51.90 2.28 0.00	46.61 2.72 0.00	40.74 2.56 0.00	38.07 2.39 0.00	37.94 2.32 0.00	40.76 2.38 0.00	45.83 2.43 0.00	50.81 2.33 0.00	52.19 2.30 0.00	57.59 2.57 -0.33	64.00 2.27 -0.28	75.50 2.95 -0.70	85.27 4.84 -1.09	99.19 6.53 -0.68	107.80 9.31 -0.53	152.42 11.70 -18.87	210.97 14.85 -44.57	283.07 21.13 -37.11	261.22 22.50 5.81	210.36 18.68 22.98	125.06 12.03 39.22	90.16 6.23 11.90	62.33 3.24 18.14	60.84 1.34 4.50
CE_NYC_DRP 24195	51.75 2.13 0.00	46.43 2.55 0.00	40.59 2.41 0.00	37.92 2.25 0.00	37.79 2.17 0.00	40.60 2.23 0.00	45.70 2.30 0.00	50.91 2.42 0.00	52.44 2.54 0.00	57.81 2.79 -0.33	64.67 2.95 -0.28	76.22 3.66 -0.70	86.06 5.63 -1.09	100.20 7.54 -0.68	108.88 10.38 -0.53	204.33 12.92 -69.57	268.66 16.52 -100.60	292.55 23.38 -44.35	269.48 24.94 0.00	235.49 20.82 0.00	165.65 13.40 0.00	102.93 7.09 0.00	81.09 3.86 0.00	65.91 1.92 0.00
CHAFFEE___LFGE 323603	53.14 3.52 0.00	46.17 2.28 0.00	40.20 2.02 0.00	37.32 1.64 0.00	37.12 1.50 0.00	39.41 1.04 0.00	43.71 0.31 0.00	48.78 0.29 0.00	51.50 1.60 0.00	56.76 2.08 0.00	64.39 2.95 0.00	74.51 2.66 0.00	82.75 3.41 0.00	95.38 3.41 0.00	104.52 6.56 0.00	128.55 6.70 0.00	157.45 5.90 0.00	227.30 2.48 0.00	248.69 4.15 0.00	220.89 6.23 0.00	156.20 3.95 0.00	99.48 3.64 0.00	79.70 2.47 0.00	67.51 3.52 0.00
CHATEAUG_35_KV_LOAD 355732	49.37 -0.25 0.00	43.71 -0.18 0.00	37.84 -0.34 0.00	35.46 -0.21 0.00	35.44 -0.18 0.00	38.45 0.08 0.00	43.79 0.39 0.00	48.97 0.48 0.00	50.30 0.40 0.00	55.01 0.33 0.00	61.75 0.31 0.00	72.07 0.22 0.00	78.55 -0.79 0.00	90.32 -1.66 0.00	93.55 -4.41 0.00	113.36 -5.48 3.01	138.12 -6.67 6.75	217.40 -7.42 0.00	226.75 -8.80 8.99	192.21 -7.51 14.94	139.90 -5.33 7.02	92.67 -3.16 0.00	76.15 -1.08 0.00	63.61 -0.38 0.00
CHATEAUG_WT_PWR 323614	49.27 -0.34 0.00	43.67 -0.22 0.00	37.84 -0.34 0.00	35.43 -0.25 0.00	35.44 -0.18 0.00	38.42 0.04 0.00	43.75 0.35 0.00	49.12 0.63 0.00	50.25 0.35 0.00	55.02 0.33 0.00	61.81 0.37 0.00	72.14 0.29 0.00	78.70 -0.64 0.00	90.04 -1.94 0.00	93.85 -4.11 0.00	115.23 -5.24 1.38	142.09 -6.36 3.10	217.85 -6.97 0.00	235.74 -8.79 0.00	200.29 -7.52 6.86	143.55 -5.47 3.23	92.58 -3.26 0.00	75.99 -1.24 0.00	63.55 -0.44 0.00
CHAT_HIGH_FALL_HYD 323578	49.37 -0.25 0.00	43.71 -0.18 0.00	37.84 -0.34 0.00	35.46 -0.21 0.00	35.44 -0.18 0.00	38.45 0.08 0.00	43.79 0.39 0.00	48.97 0.48 0.00	50.30 0.40 0.00	55.01 0.33 0.00	61.75 0.31 0.00	72.07 0.22 0.00	78.55 -0.79 0.00	90.32 -1.66 0.00	93.55 -4.41 0.00	113.36 -5.48 3.01	138.12 -6.67 6.75	217.40 -7.42 0.00	226.75 -8.80 8.99	192.21 -7.51 14.94	139.90 -5.33 7.02	92.67 -3.16 0.00	76.15 -1.08 0.00	63.61 -0.38 0.00
CHAUTAUQUA___LFGE 323629	53.68 4.07 0.00	46.70 2.81 0.00	40.70 2.52 0.00	37.78 2.10 0.00	37.61 1.99 0.00	39.95 1.57 0.00	44.40 1.00 0.00	49.41 0.92 0.00	52.09 2.19 0.00	57.47 2.79 0.00	65.19 3.75 0.00	75.52 3.66 0.00	83.86 4.52 0.00	96.75 4.78 0.00	105.89 7.93 0.00	130.50 8.65 0.00	159.72 8.18 0.00	231.11 6.29 0.00	252.85 8.32 0.00	224.76 10.09 0.00	158.79 6.54 0.00	101.01 5.17 0.00	80.78 3.55 0.00	68.35 4.35 0.00
CHERRYST_13_KV_LD 356241	51.99 2.38 0.00	46.61 2.72 0.00	40.74 2.56 0.00	38.07 2.39 0.00	37.94 2.32 0.00	40.79 2.42 0.00	45.87 2.47 0.00	51.15 2.67 0.00	52.69 2.79 0.00	58.08 3.06 -0.33	65.04 3.32 -0.28	76.65 4.10 -0.70	86.62 6.19 -1.09	100.84 8.19 -0.68	109.46 10.97 -0.53	178.20 13.77 -42.58	269.58 17.43 -100.60	293.90 24.73 -44.35	270.95 26.41 0.00	236.78 22.11 0.00	166.41 14.16 0.00	103.41 7.57 0.00	81.47 4.25 0.00	66.23 2.24 0.00

CHESTROR_138KV_BK263 355645	50.90 1.29 0.00	45.47 1.58 0.00	39.75 1.57 0.00	37.17 1.50 0.00	37.05 1.42 0.00	39.80 1.42 0.00	44.75 1.35 0.00	49.75 1.26 0.00	51.15 1.25 0.00	56.34 1.37 -0.28	63.22 1.54 -0.24	74.47 2.01 -0.60	83.76 3.49 -0.93	97.43 4.87 -0.58	105.47 7.05 -0.46	148.34 9.02 -17.47	204.49 11.67 -41.28	259.65 16.64 -18.20	262.39 17.85 0.00	229.69 15.03 0.00	161.99 9.74 0.00	100.92 5.08 0.00	79.93 2.70 0.00	65.15 1.15 0.00
CH_MIDHUDSON___DRP 24192	51.10 1.49 0.00	45.69 1.80 0.00	39.98 1.79 0.00	37.39 1.71 0.00	37.26 1.64 0.00	39.99 1.61 0.00	45.01 1.61 0.00	49.99 1.50 0.00	51.40 1.50 0.00	56.57 1.64 -0.24	63.49 1.84 -0.21	74.81 2.44 -0.51	84.10 3.97 -0.79	97.99 5.52 -0.50	106.19 7.84 -0.39	129.53 9.99 2.31	159.12 13.03 5.45	241.08 18.66 2.40	264.59 20.05 0.00	231.41 16.74 0.00	163.51 11.27 0.00	101.87 6.04 0.00	80.55 3.32 0.00	65.59 1.60 0.00
CH_MISC_IPPS 23765	51.50 1.88 0.00	45.99 2.11 0.00	40.20 2.02 0.00	37.57 1.89 0.00	37.47 1.85 0.00	40.22 1.84 0.00	45.26 1.86 0.00	50.33 1.84 0.00	51.69 1.79 0.00	57.03 2.08 -0.26	64.00 2.33 -0.22	75.50 3.09 -0.56	84.97 4.76 -0.87	99.14 6.63 -0.54	107.30 8.91 -0.43	133.30 11.45 0.00	166.40 14.86 0.00	246.40 21.59 0.00	267.78 23.24 0.00	234.40 19.74 0.00	165.34 13.10 0.00	102.93 7.09 0.00	81.24 4.01 0.00	66.04 2.05 0.00
CH_RES_BVR_FALLS 23983	49.32 -0.30 0.00	43.62 -0.26 0.00	37.88 -0.31 0.00	35.43 -0.25 0.00	35.41 -0.21 0.00	38.26 -0.11 0.00	43.36 -0.04 0.00	48.54 0.05 0.00	49.90 0.00 0.00	54.69 0.00 0.00	61.44 0.00 0.00	71.36 -0.50 0.00	78.39 -0.95 0.00	90.50 -1.48 0.00	95.71 -2.25 0.00	119.05 -2.80 0.00	148.07 -3.48 0.00	220.32 -4.49 0.00	242.38 -5.38 -3.23	210.15 -4.52 0.00	148.89 -3.35 0.00	93.82 -2.02 0.00	76.07 -1.16 0.00	63.61 -0.38 0.00
CH_RES_NIAGARA 23895	51.35 1.74 0.00	44.50 0.61 0.00	38.91 0.73 0.00	35.89 0.21 0.00	35.91 0.28 0.00	37.88 -0.50 0.00	42.01 -1.39 0.00	46.94 -1.55 0.00	49.15 -0.75 0.00	54.58 -0.11 0.00	61.75 0.31 0.00	71.35 -0.50 0.00	79.10 -0.24 0.00	90.87 -1.10 0.00	99.33 1.37 0.00	121.85 0.00 0.00	148.66 -2.88 0.00	214.48 -10.34 0.00	234.51 -10.03 0.00	208.44 -6.23 0.00	147.99 -4.26 0.00	94.88 -0.96 0.00	76.30 -0.93 0.00	64.44 0.45 0.00
CH_RES_SYRACUSE 23985	49.91 0.30 0.00	44.02 0.13 0.00	38.22 0.04 0.00	35.64 -0.04 0.00	35.58 -0.04 0.00	38.22 -0.15 0.00	43.18 -0.22 0.00	48.25 -0.24 0.00	49.85 -0.05 0.00	54.69 0.00 0.00	61.63 0.18 0.00	72.00 0.14 0.00	79.82 0.48 0.00	92.89 0.92 0.00	99.82 1.86 0.00	123.92 2.07 0.00	153.96 2.42 0.00	227.07 2.25 0.00	245.76 3.42 2.20	217.77 3.22 0.12	154.78 2.59 0.05	97.18 1.34 0.00	77.84 0.61 0.00	64.32 0.32 0.00
CLINTON_WT_PWR 323605	49.27 -0.34 0.00	43.67 -0.22 0.00	37.84 -0.34 0.00	35.43 -0.25 0.00	35.44 -0.18 0.00	38.42 0.04 0.00	43.75 0.35 0.00	49.12 0.63 0.00	50.25 0.35 0.00	55.02 0.33 0.00	61.81 0.37 0.00	72.14 0.29 0.00	78.70 -0.64 0.00	90.04 -1.94 0.00	93.85 -4.11 0.00	115.23 -5.24 1.38	142.09 -6.36 3.10	217.85 -6.97 0.00	235.74 -8.79 0.00	200.29 -7.52 6.86	143.55 -5.47 3.23	92.58 -3.26 0.00	75.99 -1.24 0.00	63.55 -0.44 0.00
CLINTON___LFGE 323618	49.81 0.20 0.00	44.24 0.35 0.00	38.26 0.08 0.00	35.82 0.14 0.00	35.87 0.25 0.00	38.87 0.50 0.00	44.31 0.91 0.00	49.75 1.26 0.00	50.80 0.90 0.00	55.62 0.93 0.00	62.42 0.98 0.00	72.93 1.08 0.00	79.42 0.08 0.00	90.60 -1.38 0.00	94.44 -3.52 0.00	115.46 -4.63 1.76	142.16 -5.45 3.93	219.42 -5.40 0.00	235.96 -6.59 1.98	200.60 -5.36 8.71	144.35 -3.80 4.10	93.54 -2.30 0.00	76.92 -0.31 0.00	64.19 0.19 0.00
COBBLENY_34_KV_TB1 80064	53.14 3.52 0.00	46.08 2.19 0.00	40.21 2.02 0.00	37.10 1.43 0.00	37.12 1.50 0.00	39.30 0.92 0.00	43.70 0.30 0.00	48.83 0.34 0.00	51.10 1.20 0.00	56.76 2.08 0.00	64.39 2.95 0.00	74.51 2.66 0.00	82.91 3.57 0.00	95.29 3.31 0.00	104.52 6.56 0.00	128.67 6.82 0.00	157.45 5.91 0.00	227.29 2.47 0.00	248.69 4.16 0.00	220.89 6.23 0.00	156.21 3.96 0.00	99.48 3.64 0.00	79.70 2.47 0.00	66.94 2.94 0.00
COFFEEN___115KV_TB3 355620	53.24 3.62 0.00	46.91 3.03 0.00	40.59 2.41 0.00	37.75 2.07 0.00	37.90 2.28 0.00	40.87 2.49 0.00	46.39 2.99 0.00	51.88 3.39 0.00	53.14 3.24 0.00	57.86 3.17 0.00	64.70 3.26 0.00	75.59 3.74 0.00	83.31 3.97 0.00	96.85 4.87 0.00	101.09 3.13 0.00	126.38 4.51 -0.02	157.58 6.06 0.02	236.73 11.92 0.00	235.63 15.89 24.80	231.21 16.53 -0.01	164.77 12.48 -0.04	103.12 7.28 0.00	84.18 6.95 0.00	69.24 5.25 0.00
COLDSPRG_115KV_BK1 355956	53.98 4.37 0.00	46.87 2.98 0.00	40.82 2.63 0.00	37.75 2.07 0.00	37.76 2.14 0.00	40.10 1.73 0.00	45.31 1.91 0.00	50.57 2.08 0.00	52.94 3.04 0.00	58.79 4.10 0.00	66.79 5.35 0.00	77.46 5.60 0.00	86.48 7.14 0.00	99.24 7.27 0.00	109.03 11.07 0.00	134.40 12.55 0.00	164.73 13.18 0.00	234.71 9.89 0.00	256.76 12.23 0.00	228.40 13.74 0.00	160.77 8.53 0.00	101.97 6.13 0.00	81.47 4.25 0.00	68.22 4.22 0.00
COLONIE_LFGE___ 323577	50.55 0.94 0.00	45.03 1.14 0.00	39.44 1.26 0.00	36.92 1.25 0.00	36.83 1.21 0.00	39.53 1.15 0.00	44.53 1.13 0.00	49.36 0.87 0.00	50.70 0.80 0.00	55.00 0.71 0.39	61.78 0.68 0.33	71.96 0.93 0.83	79.89 1.83 1.28	93.93 2.76 0.80	100.60 3.92 1.28	124.98 5.36 2.23	153.70 7.42 5.27	233.29 10.79 2.32	256.51 11.98 0.00	224.97 10.30 0.00	160.16 7.91 0.00	100.15 4.32 0.00	79.77 2.54 0.00	65.34 1.35 0.00
COOPERNY_115KV_TB1 80082	50.61 0.99 0.00	45.11 1.23 0.00	39.40 1.22 0.00	36.82 1.14 0.00	36.72 1.10 0.00	39.45 1.07 0.00	44.40 1.00 0.00	49.46 0.97 0.00	50.85 0.95 0.00	55.92 1.04 -0.20	62.77 1.17 -0.17	73.85 1.58 -0.41	82.68 2.70 -0.64	96.15 3.77 -0.40	103.76 5.49 -0.32	136.65 6.95 -7.86	178.90 8.79 -18.56	245.37 12.37 -8.18	257.98 13.45 0.00	226.04 11.38 0.00	159.56 7.31 0.00	99.77 3.93 0.00	79.23 2.01 0.00	64.89 0.90 0.00
COPENHAGEN_WT_PWR 323753	52.54 2.93 0.00	46.30 2.41 0.00	40.09 1.91 0.00	37.35 1.68 0.00	37.40 1.78 0.00	40.37 1.99 0.00	45.79 2.39 0.00	51.20 2.71 0.00	52.49 2.59 0.00	57.15 2.46 0.00	64.02 2.58 0.00	74.73 2.88 0.00	82.43 3.09 0.00	95.75 3.77 0.00	100.31 2.35 0.00	125.16 3.29 -0.02	155.76 4.24 0.02	233.58 8.76 0.00	233.11 11.98 23.41	227.14 12.45 -0.03	161.74 9.44 -0.05	101.30 5.46 0.00	82.79 5.56 0.00	68.22 4.22 0.00
CORNELL_____ 23752	51.65 2.03 0.00	45.51 1.62 0.00	39.52 1.34 0.00	36.82 1.14 0.00	36.76 1.14 0.00	39.49 1.11 0.00	44.66 1.26 0.00	49.75 1.26 0.00	51.20 1.30 0.00	56.11 1.42 0.00	63.16 1.72 0.00	73.79 1.94 0.00	81.88 2.54 0.00	95.19 3.22 0.00	102.56 4.60 0.00	127.58 5.73 0.00	158.67 7.12 0.00	234.94 10.12 0.00	257.25 12.72 0.00	226.90 12.24 0.00	161.08 8.83 0.00	101.01 5.18 0.00	80.70 3.48 0.00	66.55 2.56 0.00

CORONA_69_KV_TB1 355595	51.24 1.64 0.01	47.00 3.12 0.00	41.24 3.05 0.00	38.46 2.78 0.00	38.19 2.56 0.00	41.10 2.72 0.00	45.74 2.34 0.00	50.38 1.89 0.00	51.70 1.85 0.05	56.55 2.02 0.16	64.24 2.52 -0.28	76.01 3.45 -0.70	86.85 6.43 -1.09	146.48 8.83 -45.68	110.06 11.56 -0.54	183.18 14.50 -46.83	280.07 18.64 -109.89	376.39 26.53 -125.04	281.50 28.61 -8.35	245.46 24.04 -6.75	168.23 15.99 0.00	104.42 8.53 -0.05	87.64 5.41 -5.00	66.92 2.88 -0.05
CORTLAND_115KV_TB3 80093	50.95 1.34 0.00	44.94 1.05 0.00	39.10 0.92 0.00	36.43 0.75 0.00	36.37 0.75 0.00	39.07 0.69 0.00	44.14 0.74 0.00	49.21 0.73 0.00	50.75 0.85 0.00	55.67 0.98 0.00	62.61 1.17 0.00	73.22 1.37 0.00	81.17 1.82 0.00	94.37 2.39 0.00	101.68 3.72 0.00	126.36 4.51 0.00	157.00 5.46 0.00	232.01 7.19 0.00	251.33 9.05 2.25	223.47 8.80 0.00	158.49 6.24 0.00	99.38 3.55 0.00	79.54 2.32 0.00	65.66 1.66 0.00
COXSACKIE___GT 23611	51.20 1.59 0.00	45.33 1.45 0.00	39.63 1.45 0.00	37.10 1.43 0.00	37.08 1.46 0.00	39.72 1.34 0.00	44.83 1.43 0.00	49.80 1.31 0.00	50.65 0.75 0.00	55.61 1.04 0.11	62.21 0.86 0.09	72.77 1.29 0.38	78.24 2.14 3.25	87.38 3.22 7.81	98.91 4.70 3.75	115.80 6.70 12.75	137.38 10.15 24.32	192.49 17.08 49.41	218.24 20.77 47.07	232.68 18.03 0.02	165.93 13.71 0.02	101.07 7.86 2.63	81.47 4.24 0.00	66.56 2.56 0.00
CPV_VALLEY___CC1 323721	50.51 0.89 0.00	45.11 1.23 0.00	39.48 1.30 0.00	36.85 1.18 0.00	36.79 1.17 0.00	39.49 1.11 0.00	44.44 1.04 0.00	49.36 0.87 0.00	50.75 0.85 0.00	55.93 0.99 -0.25	62.76 1.11 -0.22	73.90 1.51 -0.54	83.02 2.85 -0.83	96.73 4.23 -0.52	107.64 6.08 -3.61	140.53 7.68 -11.00	187.53 10.00 -25.98	250.22 13.94 -11.45	259.45 14.92 0.00	227.11 12.45 0.00	160.31 8.06 0.00	100.05 4.21 0.00	79.23 2.00 0.00	64.57 0.57 0.00
CPV_VALLEY___CC2 323722	50.51 0.89 0.00	45.11 1.23 0.00	39.48 1.30 0.00	36.85 1.18 0.00	36.79 1.17 0.00	39.49 1.11 0.00	44.44 1.04 0.00	49.36 0.87 0.00	50.75 0.85 0.00	55.93 0.99 -0.25	62.76 1.11 -0.22	73.90 1.51 -0.54	83.02 2.85 -0.83	96.73 4.23 -0.52	107.64 6.08 -3.61	140.53 7.68 -11.00	187.53 10.00 -25.98	250.22 13.94 -11.45	259.45 14.92 0.00	227.11 12.45 0.00	160.31 8.06 0.00	100.05 4.21 0.00	79.23 2.00 0.00	64.57 0.57 0.00
CRESCENT___HYD 24018	50.55 0.94 0.00	45.03 1.14 0.00	39.44 1.26 0.00	36.92 1.25 0.00	36.83 1.21 0.00	39.53 1.15 0.00	44.53 1.13 0.00	49.36 0.87 0.00	50.70 0.80 0.00	55.00 0.71 0.39	61.78 0.68 0.33	71.96 0.93 0.83	79.89 1.83 1.28	93.93 2.76 0.80	100.60 3.92 1.28	124.98 5.36 2.23	153.70 7.42 5.27	233.29 10.79 2.32	256.51 11.98 0.00	224.97 10.30 0.00	160.16 7.91 0.00	100.15 4.32 0.00	79.77 2.54 0.00	65.34 1.35 0.00
CRICKET___VALLEY_CC1 323756	50.31 0.69 0.00	45.03 1.14 0.00	39.48 1.30 0.00	36.89 1.21 0.00	36.83 1.21 0.00	39.49 1.11 0.00	44.40 1.00 0.00	49.22 0.73 0.00	50.50 0.60 0.00	51.19 0.66 4.15	58.53 0.61 3.53	64.08 1.01 8.78	68.14 2.38 13.58	87.23 3.77 8.51	95.29 5.58 8.25	123.74 7.31 5.42	148.59 9.84 12.80	232.89 13.72 5.64	258.71 14.18 0.00	226.25 11.58 0.00	160.31 8.06 0.00	100.05 4.21 0.00	79.23 2.00 0.00	64.45 0.45 0.00
CRICKET___VALLEY_CC2 323757	50.31 0.69 0.00	45.03 1.14 0.00	39.48 1.30 0.00	36.89 1.21 0.00	36.83 1.21 0.00	39.49 1.11 0.00	44.40 1.00 0.00	49.22 0.73 0.00	50.50 0.60 0.00	51.19 0.66 4.15	58.53 0.61 3.53	64.08 1.01 8.78	68.14 2.38 13.58	87.23 3.77 8.51	95.29 5.58 8.25	123.74 7.31 5.42	148.59 9.84 12.80	232.89 13.72 5.64	258.71 14.18 0.00	226.25 11.58 0.00	160.31 8.06 0.00	100.05 4.21 0.00	79.23 2.00 0.00	64.45 0.45 0.00
CRICKET___VALLEY_CC3 323758	50.31 0.69 0.00	45.03 1.14 0.00	39.48 1.30 0.00	36.89 1.21 0.00	36.83 1.21 0.00	39.49 1.11 0.00	44.40 1.00 0.00	49.22 0.73 0.00	50.50 0.60 0.00	51.19 0.66 4.15	58.53 0.61 3.53	64.08 1.01 8.78	68.14 2.38 13.58	87.23 3.77 8.51	95.29 5.58 8.25	123.74 7.31 5.42	148.59 9.84 12.80	232.89 13.72 5.64	258.71 14.18 0.00	226.25 11.58 0.00	160.31 8.06 0.00	100.05 4.21 0.00	79.23 2.00 0.00	64.45 0.45 0.00
CRUCIBLE_METL_DRP 24180	49.91 0.30 0.00	43.97 0.09 0.00	38.22 0.04 0.00	35.64 -0.04 0.00	35.58 -0.04 0.00	38.22 -0.15 0.00	43.18 -0.22 0.00	48.24 -0.24 0.00	49.75 -0.15 0.00	54.69 0.00 0.00	61.56 0.12 0.00	72.00 0.14 0.00	79.82 0.48 0.00	92.80 0.83 0.00	99.82 1.86 0.00	124.05 2.19 0.00	153.97 2.42 0.00	227.07 2.25 0.00	245.76 3.42 2.20	218.10 3.43 0.00	154.84 2.59 0.00	97.18 1.34 0.00	77.84 0.62 0.00	64.25 0.26 0.00
DAHOWA___HYDRO 323763	51.30 1.69 0.00	45.60 1.71 0.00	39.94 1.76 0.00	37.32 1.64 0.00	37.22 1.60 0.00	40.03 1.65 0.00	45.09 1.69 0.00	50.08 1.60 0.00	51.40 1.50 0.00	55.74 1.37 0.32	62.28 1.11 0.27	72.54 1.36 0.67	80.52 2.22 1.04	94.54 3.22 0.65	101.05 4.21 1.12	125.86 6.09 2.08	155.12 8.48 4.91	235.46 12.81 2.16	260.67 16.14 0.00	229.91 15.24 0.00	163.97 11.72 0.00	102.26 6.42 0.00	81.39 4.17 0.00	66.68 2.69 0.00
DANC___LFGE 323619	51.35 1.74 0.00	45.29 1.40 0.00	39.25 1.07 0.00	36.60 0.93 0.00	36.62 1.00 0.00	39.45 1.07 0.00	44.66 1.26 0.00	49.94 1.45 0.00	51.25 1.35 0.00	55.95 1.26 0.00	62.73 1.29 0.00	73.29 1.44 0.00	81.01 1.67 0.00	94.09 2.12 0.00	99.43 1.47 0.00	123.81 1.94 -0.01	153.95 2.42 0.01	229.76 4.94 0.00	236.13 7.33 15.74	222.42 7.72 -0.04	158.22 5.93 -0.04	99.19 3.35 0.00	80.55 3.32 0.00	66.49 2.49 0.00
DANSKAMMER___1 23586	51.50 1.88 0.00	45.99 2.11 0.00	40.20 2.02 0.00	37.57 1.89 0.00	37.47 1.85 0.00	40.22 1.84 0.00	45.26 1.86 0.00	50.33 1.84 0.00	51.69 1.79 0.00	57.03 2.08 -0.26	64.00 2.33 -0.22	75.50 3.09 -0.56	84.97 4.76 -0.87	99.14 6.63 -0.54	107.30 8.91 -0.43	133.30 11.45 0.00	166.40 14.86 0.00	246.40 21.59 0.00	267.78 23.24 0.00	234.40 19.74 0.00	165.34 13.10 0.00	102.93 7.09 0.00	81.24 4.01 0.00	66.04 2.05 0.00
DANSKAMMER___2 23589	51.50 1.88 0.00	45.99 2.11 0.00	40.20 2.02 0.00	37.57 1.89 0.00	37.47 1.85 0.00	40.22 1.84 0.00	45.26 1.86 0.00	50.33 1.84 0.00	51.69 1.79 0.00	57.03 2.08 -0.26	64.00 2.33 -0.22	75.50 3.09 -0.56	84.97 4.76 -0.87	99.14 6.63 -0.54	107.30 8.91 -0.43	133.30 11.45 0.00	166.40 14.86 0.00	246.40 21.59 0.00	267.78 23.24 0.00	234.40 19.74 0.00	165.34 13.10 0.00	102.93 7.09 0.00	81.24 4.01 0.00	66.04 2.05 0.00
DANSKAMMER___3 23590	51.50 1.88 0.00	45.99 2.11 0.00	40.20 2.02 0.00	37.57 1.89 0.00	37.47 1.85 0.00	40.22 1.84 0.00	45.26 1.86 0.00	50.33 1.84 0.00	51.69 1.79 0.00	57.03 2.08 -0.26	64.00 2.33 -0.22	75.50 3.09 -0.56	84.97 4.76 -0.87	99.14 6.63 -0.54	107.30 8.91 -0.43	133.30 11.45 0.00	166.40 14.86 0.00	246.40 21.59 0.00	267.78 23.24 0.00	234.40 19.74 0.00	165.34 13.10 0.00	102.93 7.09 0.00	81.24 4.01 0.00	66.04 2.05 0.00

DANSKAMMER___4 23591	51.50 1.88 0.00	45.99 2.11 0.00	40.20 2.02 0.00	37.57 1.89 0.00	37.47 1.85 0.00	40.22 1.84 0.00	45.26 1.86 0.00	50.33 1.84 0.00	51.69 1.79 0.00	57.03 2.08 -0.26	64.00 2.33 -0.22	75.50 3.09 -0.56	84.97 4.76 -0.87	99.14 6.63 -0.54	107.30 8.91 -0.43	133.30 11.45 0.00	166.40 14.86 0.00	246.40 21.59 0.00	267.78 23.24 0.00	234.40 19.74 0.00	165.34 13.10 0.00	102.93 7.09 0.00	81.24 4.01 0.00	66.04 2.05 0.00
DANSKAMMER___DIESEL 23592	51.50 1.89 0.00	45.99 2.11 0.00	40.21 2.02 0.00	37.60 1.93 0.00	37.47 1.85 0.00	40.26 1.88 0.00	45.27 1.87 0.00	50.33 1.84 0.00	51.80 1.90 0.00	57.03 2.08 -0.26	64.00 2.33 -0.22	75.50 3.09 -0.56	84.97 4.76 -0.87	98.95 6.44 -0.54	107.30 8.91 -0.43	133.30 11.45 0.00	166.39 14.85 0.00	246.40 21.58 0.00	267.77 23.23 0.00	234.41 19.75 0.00	165.34 13.09 0.00	102.93 7.09 0.00	81.24 4.02 0.00	66.11 2.11 0.00
DARBY___SOLAR 323810	51.20 1.59 0.00	45.51 1.62 0.00	39.82 1.64 0.00	37.21 1.53 0.00	37.15 1.53 0.00	39.91 1.54 0.00	44.96 1.56 0.00	49.89 1.41 0.00	51.25 1.35 0.00	55.56 1.20 0.33	62.08 0.92 0.28	72.30 1.15 0.70	80.24 1.98 1.09	94.24 2.94 0.68	100.83 4.02 1.14	125.48 5.73 2.10	154.61 8.03 4.96	234.76 12.13 2.19	259.70 15.17 0.00	228.83 14.16 0.00	163.22 10.97 0.00	101.88 6.04 0.00	81.01 3.78 0.00	66.43 2.43 0.00
DASHVILLE___HYD 23610	50.85 1.24 0.00	45.42 1.54 0.00	39.71 1.53 0.00	37.10 1.43 0.00	37.01 1.39 0.00	39.72 1.34 0.00	44.70 1.30 0.00	49.70 1.21 0.00	51.05 1.15 0.00	56.65 1.80 -0.16	63.60 2.03 -0.14	74.82 2.66 -0.30	83.45 4.28 0.17	96.27 5.79 1.50	105.68 8.23 0.50	129.60 10.48 2.73	160.14 13.64 5.04	233.28 20.01 11.55	254.95 21.76 11.35	231.83 17.17 0.01	163.97 11.72 0.01	101.82 6.61 0.63	80.24 3.01 0.00	65.27 1.28 0.00
DELAWARE___LFGE 323621	50.95 1.34 0.00	45.20 1.32 0.00	39.40 1.22 0.00	36.78 1.11 0.00	36.76 1.14 0.00	39.49 1.11 0.00	44.53 1.13 0.00	49.60 1.12 0.00	51.10 1.20 0.00	56.00 1.31 0.00	62.98 1.54 0.00	73.72 1.87 0.00	82.12 2.78 0.00	95.65 3.68 0.00	103.25 5.29 0.00	129.50 6.46 -1.19	162.08 7.73 -2.81	236.85 10.79 -1.24	256.76 12.23 0.00	225.40 10.73 0.00	159.71 7.46 0.00	100.25 4.41 0.00	79.78 2.55 0.00	65.53 1.54 0.00
DERFIELD_115KV_TB7 355931	49.76 0.15 0.00	44.06 0.18 0.00	38.41 0.23 0.00	35.89 0.21 0.00	35.83 0.21 0.00	38.57 0.19 0.00	43.53 0.13 0.00	48.58 0.10 0.00	50.00 0.10 0.00	54.80 0.11 0.00	61.56 0.12 0.00	72.00 0.14 0.00	79.74 0.40 0.00	92.62 0.64 0.00	99.13 1.18 0.00	123.31 1.46 0.00	153.36 1.82 0.00	227.29 2.47 0.00	245.44 2.93 2.03	217.03 2.36 0.00	153.93 1.67 0.00	96.79 0.96 0.00	77.61 0.39 0.00	64.12 0.13 0.00
DOGLEVILLE___HYD 23807	51.05 1.44 0.00	45.20 1.32 0.00	39.37 1.18 0.00	36.75 1.07 0.00	36.76 1.14 0.00	39.57 1.19 0.00	44.75 1.35 0.00	49.99 1.50 0.00	51.40 1.50 0.00	56.33 1.64 0.00	63.28 1.84 0.00	74.01 2.16 0.00	81.96 2.62 0.00	95.29 3.31 0.00	101.98 4.02 0.00	126.97 5.12 0.00	157.60 6.06 0.00	233.59 8.77 0.00	252.53 10.03 2.03	223.25 8.59 0.00	158.34 6.09 0.00	99.67 3.83 0.00	79.85 2.63 0.00	65.91 1.92 0.00
DUNKIRK__115KV_TB_200 55889	53.58 3.97 0.00	46.56 2.68 0.00	40.63 2.44 0.00	37.53 1.86 0.00	37.54 1.92 0.00	39.76 1.38 0.00	44.27 0.87 0.00	49.31 0.82 0.00	51.60 1.70 0.00	57.26 2.57 0.00	64.94 3.50 0.00	75.23 3.38 0.00	83.78 4.44 0.00	96.30 4.32 0.00	105.50 7.54 0.00	130.01 8.16 0.00	159.12 7.58 0.00	230.44 5.62 0.00	252.12 7.58 0.00	224.33 9.66 0.00	158.34 6.09 0.00	100.72 4.89 0.00	80.62 3.40 0.00	67.64 3.65 0.00
DUNKIRK___1 23563	53.58 3.97 0.00	46.56 2.68 0.00	40.63 2.44 0.00	37.53 1.86 0.00	37.54 1.92 0.00	39.76 1.38 0.00	44.27 0.87 0.00	49.31 0.82 0.00	51.60 1.70 0.00	57.26 2.57 0.00	64.94 3.50 0.00	75.23 3.38 0.00	83.78 4.44 0.00	96.30 4.32 0.00	105.50 7.54 0.00	130.01 8.16 0.00	159.12 7.58 0.00	230.44 5.62 0.00	252.12 7.58 0.00	224.33 9.66 0.00	158.34 6.09 0.00	100.72 4.89 0.00	80.62 3.40 0.00	67.64 3.65 0.00
DUNKIRK___2 23564	53.58 3.97 0.00	46.56 2.68 0.00	40.63 2.44 0.00	37.53 1.86 0.00	37.54 1.92 0.00	39.76 1.38 0.00	44.27 0.87 0.00	49.31 0.82 0.00	51.60 1.70 0.00	57.26 2.57 0.00	64.94 3.50 0.00	75.23 3.38 0.00	83.78 4.44 0.00	96.30 4.32 0.00	105.50 7.54 0.00	130.01 8.16 0.00	159.12 7.58 0.00	230.44 5.62 0.00	252.12 7.58 0.00	224.33 9.66 0.00	158.34 6.09 0.00	100.72 4.89 0.00	80.62 3.40 0.00	67.64 3.65 0.00
DUNKIRK___3 23565	53.24 3.62 0.00	46.21 2.33 0.00	40.32 2.14 0.00	37.28 1.61 0.00	37.29 1.67 0.00	39.49 1.11 0.00	43.96 0.56 0.00	48.92 0.44 0.00	51.20 1.30 0.00	56.87 2.19 0.00	64.45 3.01 0.00	74.66 2.80 0.00	83.07 3.73 0.00	95.56 3.59 0.00	104.62 6.66 0.00	128.92 7.07 0.00	157.91 6.36 0.00	228.42 3.60 0.00	249.92 5.38 0.00	222.18 7.51 0.00	156.97 4.72 0.00	99.86 4.03 0.00	79.93 2.70 0.00	67.13 3.14 0.00
DUNKIRK___4 23566	53.24 3.62 0.00	46.21 2.33 0.00	40.32 2.14 0.00	37.28 1.61 0.00	37.29 1.67 0.00	39.49 1.11 0.00	43.96 0.56 0.00	48.92 0.44 0.00	51.20 1.30 0.00	56.87 2.19 0.00	64.45 3.01 0.00	74.66 2.80 0.00	83.07 3.73 0.00	95.56 3.59 0.00	104.62 6.66 0.00	128.92 7.07 0.00	157.91 6.36 0.00	228.42 3.60 0.00	249.92 5.38 0.00	222.18 7.51 0.00	156.97 4.72 0.00	99.86 4.03 0.00	79.93 2.70 0.00	67.13 3.14 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	51.55 1.93 0.00	46.26 2.37 0.00	40.43 2.25 0.00	37.78 2.10 0.00	37.65 2.03 0.00	40.45 2.07 0.00	45.48 2.08 0.00	50.62 2.13 0.00	52.05 2.15 0.00	57.42 2.41 -0.33	64.36 2.64 -0.28	75.86 3.31 -0.70	85.66 5.24 -1.09	99.65 6.99 -0.68	108.19 9.70 -0.53	176.73 12.31 -42.57	267.73 15.61 -100.57	291.41 22.26 -44.34	268.26 23.72 0.00	234.41 19.75 0.00	165.19 12.94 0.00	102.64 6.80 0.00	80.93 3.71 0.00	65.79 1.79 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	51.15 1.54 0.00	45.73 1.84 0.00	39.98 1.79 0.00	37.35 1.68 0.00	37.26 1.64 0.00	39.99 1.61 0.00	45.01 1.61 0.00	50.04 1.55 0.00	51.45 1.55 0.00	56.65 1.70 -0.26	63.57 1.90 -0.22	74.93 2.51 -0.56	84.33 4.13 -0.86	98.13 5.61 -0.54	106.42 8.03 -0.42	137.61 10.24 -5.52	177.78 13.18 -13.05	249.68 19.11 -5.75	265.08 20.54 0.00	232.05 17.39 0.00	163.67 11.42 0.00	101.97 6.13 0.00	80.55 3.32 0.00	65.59 1.60 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	52.05 2.43 -0.01	46.61 2.72 0.00	40.78 2.60 0.00	38.07 2.39 0.00	37.90 2.28 0.00	40.76 2.38 0.00	45.92 2.52 0.00	50.81 2.33 0.00	52.15 2.25 0.00	57.64 2.62 -0.33	64.06 2.33 -0.28	75.58 3.02 -0.70	85.35 4.92 -1.09	99.28 6.62 -0.68	107.91 9.40 -0.55	176.37 11.82 -42.70	267.42 15.00 -100.87	290.65 21.36 -44.47	267.53 22.99 -0.01	233.56 18.89 -0.01	164.28 12.03 -0.01	102.17 6.33 -0.01	80.56 3.32 -0.01	65.41 1.41 -0.01

E179THST_13_KV_LOAD 356214	52.40 2.78 -0.01	46.91 3.03 0.00	41.01 2.83 0.00	38.28 2.60 0.00	38.11 2.49 0.00	40.99 2.61 0.00	46.18 2.78 0.00	51.15 2.67 0.00	52.49 2.59 0.00	58.03 3.01 -0.33	64.55 2.83 -0.28	76.15 3.59 -0.70	85.98 5.55 -1.09	100.11 7.45 -0.68	108.70 10.19 -0.55	177.47 12.92 -42.70	268.78 16.37 -100.87	292.90 23.61 -44.47	269.73 25.19 -0.01	235.71 21.04 -0.01	165.65 13.40 -0.01	102.94 7.09 -0.01	81.17 3.94 -0.01	65.92 1.92 -0.01
EAST HAMPTON___GT 23717	52.18 2.58 0.02	48.32 4.43 0.00	42.69 4.50 0.00	39.64 3.96 0.00	39.36 3.74 0.00	42.25 3.87 0.00	46.79 3.39 0.00	50.57 2.08 0.00	52.69 3.20 0.40	54.08 3.99 4.60	66.91 5.34 -0.13	79.42 7.33 -0.23	92.89 12.46 -1.09	111.81 16.55 -3.29	137.44 19.79 -19.69	240.52 22.66 -96.01	273.57 27.59 -94.44	304.24 40.02 -39.41	280.00 42.55 7.08	263.34 35.64 -13.03	211.58 26.49 -32.84	109.83 13.99 -0.01	84.89 8.72 1.06	68.83 5.12 0.29
EAST RIVER___6 23660	51.70 2.08 0.00	46.34 2.46 0.00	40.51 2.33 0.00	37.82 2.14 0.00	37.72 2.10 0.00	40.52 2.15 0.00	45.61 2.21 0.00	50.81 2.33 0.00	52.25 2.35 0.00	57.70 2.68 -0.33	64.55 2.83 -0.28	76.15 3.59 -0.70	85.98 5.55 -1.09	100.29 7.63 -0.68	120.97 10.09 -12.92	177.11 12.67 -42.59	268.22 16.06 -100.62	292.12 22.94 -44.36	268.99 24.45 0.00	235.07 20.40 0.00	165.18 12.93 0.00	102.74 6.90 0.00	81.01 3.78 0.00	65.78 1.79 0.00
EAST RIVER___7 23524	51.70 2.08 0.00	46.34 2.46 0.00	40.51 2.33 0.00	37.82 2.14 0.00	37.72 2.10 0.00	40.52 2.15 0.00	45.61 2.21 0.00	50.81 2.33 0.00	52.25 2.35 0.00	57.70 2.68 -0.33	64.55 2.83 -0.28	76.15 3.59 -0.70	85.98 5.55 -1.09	100.29 7.63 -0.68	120.97 10.09 -12.92	177.11 12.67 -42.59	268.22 16.06 -100.62	292.12 22.94 -44.36	268.99 24.45 0.00	235.07 20.40 0.00	165.18 12.93 0.00	102.74 6.90 0.00	81.01 3.78 0.00	65.78 1.79 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	51.35 1.74 0.00	46.08 2.19 0.00	40.28 2.10 0.00	37.67 2.00 0.00	37.51 1.89 0.00	40.30 1.92 0.00	45.31 1.91 0.00	50.43 1.94 0.00	51.85 1.95 0.00	57.15 2.13 -0.33	64.06 2.33 -0.28	75.57 3.02 -0.70	85.27 4.84 -1.09	99.18 6.53 -0.68	107.60 9.11 -0.53	172.93 11.58 -39.50	259.72 14.85 -93.32	286.87 20.91 -41.14	267.03 22.50 0.00	233.34 18.68 0.00	164.43 12.18 0.00	102.16 6.33 0.00	80.62 3.40 0.00	65.59 1.60 0.00
EAST_HAMPTON___DIESEL 23722	52.18 2.58 0.02	48.32 4.43 0.00	42.69 4.50 0.00	39.64 3.96 0.00	39.36 3.74 0.00	42.25 3.87 0.00	46.79 3.39 0.00	50.57 2.08 0.00	52.69 3.20 0.40	54.08 3.99 4.60	66.98 5.41 -0.13	79.49 7.40 -0.23	92.96 12.53 -1.09	111.81 16.55 -3.29	137.53 19.88 -19.69	240.63 22.78 -96.00	273.72 27.73 -94.44	304.46 40.24 -39.41	280.23 42.78 7.08	263.34 35.64 -13.03	211.43 26.34 -32.84	109.83 13.99 -0.01	84.89 8.72 1.06	68.83 5.12 0.29
EAST_POINT___SOLAR 323840	52.84 3.22 0.00	46.83 2.94 0.00	40.78 2.60 0.00	38.03 2.35 0.00	38.04 2.42 0.00	40.99 2.61 0.00	45.87 2.47 0.00	49.84 1.36 0.00	50.65 0.75 0.00	54.93 0.44 0.19	61.53 0.25 0.16	71.53 0.07 0.40	79.20 0.48 0.62	92.60 1.01 0.39	98.98 1.77 0.74	123.40 3.05 1.49	151.95 3.93 3.53	230.46 7.19 1.56	258.22 13.69 0.00	235.07 20.40 0.00	169.15 16.90 0.00	105.62 9.78 0.00	83.87 6.64 0.00	68.73 4.74 0.00
EAST_PULASKI___ESR 323781	50.26 0.64 0.00	44.32 0.44 0.00	38.49 0.30 0.00	35.89 0.22 0.00	35.87 0.25 0.00	38.61 0.23 0.00	43.62 0.22 0.00	48.73 0.24 0.00	50.00 0.10 0.00	54.74 0.05 0.00	61.50 0.06 0.00	71.85 0.00 0.00	79.50 0.16 0.00	92.44 0.46 0.00	98.55 0.59 0.00	122.59 0.74 -0.01	152.30 0.76 0.01	225.95 1.13 0.00	239.00 2.69 8.23	217.94 3.22 -0.05	154.87 2.59 -0.03	97.08 1.24 0.00	78.31 1.08 0.00	64.70 0.71 0.00
EAST_RIVER___1 323558	51.75 2.13 0.00	46.43 2.54 0.00	40.59 2.41 0.00	37.89 2.21 0.00	37.79 2.17 0.00	40.60 2.22 0.00	45.70 2.30 0.00	50.86 2.38 0.00	52.30 2.40 0.00	57.81 2.79 -0.33	64.61 2.89 -0.28	76.22 3.66 -0.70	86.14 5.72 -1.09	100.47 7.81 -0.68	121.26 10.38 -12.92	177.34 12.91 -42.58	268.66 16.52 -100.60	292.55 23.38 -44.35	269.49 24.95 0.00	235.71 21.05 0.00	165.65 13.40 0.00	102.93 7.09 0.00	81.16 3.94 0.00	65.85 1.86 0.00
EAST_RIVER___2 323559	51.70 2.08 0.00	46.34 2.46 0.00	40.51 2.33 0.00	37.82 2.14 0.00	37.72 2.10 0.00	40.52 2.15 0.00	45.61 2.21 0.00	50.81 2.33 0.00	52.25 2.35 0.00	57.70 2.68 -0.33	64.55 2.83 -0.28	76.15 3.59 -0.70	85.98 5.55 -1.09	100.29 7.63 -0.68	120.97 10.09 -12.92	177.11 12.67 -42.59	268.22 16.06 -100.62	292.12 22.94 -44.36	268.99 24.45 0.00	235.07 20.40 0.00	165.18 12.93 0.00	102.74 6.90 0.00	81.01 3.78 0.00	65.78 1.79 0.00
EAST___DELAWARE_HYD 23607	51.05 1.44 0.00	45.46 1.58 0.00	39.71 1.53 0.00	37.07 1.39 0.00	36.97 1.35 0.00	39.72 1.34 0.00	44.75 1.35 0.00	49.80 1.31 0.00	51.15 1.25 0.00	56.37 1.48 -0.21	63.28 1.66 -0.18	74.52 2.23 -0.43	83.53 3.73 -0.46	97.24 5.43 0.16	106.84 7.54 -1.34	135.01 9.75 -3.41	172.93 12.87 -8.51	244.66 19.10 -0.74	261.91 21.03 3.66	232.47 17.81 0.00	163.97 11.72 0.00	101.96 6.32 0.20	80.62 3.39 0.00	65.53 1.53 0.00
EIGHT_POINT___WT_PWR 323820	52.99 3.38 0.00	46.30 2.41 0.00	40.24 2.06 0.00	37.46 1.78 0.00	37.37 1.74 0.00	39.91 1.54 0.00	44.70 1.30 0.00	49.60 1.12 0.00	51.54 1.64 0.00	56.55 1.86 0.00	64.02 2.58 0.00	74.44 2.58 0.00	82.67 3.33 0.00	95.56 3.58 0.00	103.74 5.78 0.00	128.43 6.58 0.00	158.20 6.66 0.00	230.89 6.07 0.00	253.83 9.29 0.00	226.25 11.58 0.00	160.46 8.22 0.00	101.49 5.65 0.00	81.32 4.09 0.00	68.15 4.16 0.00
ELBRIDGE_115KV_TB2 80188	49.96 0.35 0.00	44.02 0.13 0.00	38.30 0.11 0.00	35.68 0.00 0.00	35.62 0.00 0.00	38.26 -0.12 0.00	43.18 -0.22 0.00	48.24 -0.24 0.00	49.75 -0.15 0.00	54.63 -0.05 0.00	61.50 0.06 0.00	71.93 0.07 0.00	79.74 0.40 0.00	92.62 0.64 0.00	99.53 1.57 0.00	123.68 1.83 0.00	153.51 1.97 0.00	226.62 1.80 0.00	245.43 2.93 2.04	217.89 3.22 0.00	154.54 2.28 0.00	97.08 1.25 0.00	77.77 0.54 0.00	64.25 0.26 0.00
ELEC_TRO_TEK 24086	50.80 1.19 0.01	46.65 2.76 0.00	40.93 2.75 0.00	38.17 2.50 0.00	37.94 2.32 0.00	40.79 2.42 0.00	45.44 2.04 0.00	50.04 1.55 0.00	51.25 1.45 0.10	55.45 1.59 0.83	63.68 1.97 -0.28	75.29 2.73 -0.70	85.98 5.55 -1.09	121.07 7.91 -21.19	109.08 10.58 -0.54	178.23 13.40 -42.98	270.20 17.12 -101.53	325.42 24.28 -76.32	270.70 26.17 0.00	236.56 21.90 0.00	166.71 14.46 0.00	103.33 7.48 -0.02	84.14 4.56 -2.35	66.13 2.11 -0.02
ELLENBURG_WT_PWR 323604	49.27 -0.34 0.00	43.67 -0.22 0.00	37.84 -0.34 0.00	35.43 -0.25 0.00	35.44 -0.18 0.00	38.42 0.04 0.00	43.75 0.35 0.00	49.12 0.63 0.00	50.25 0.35 0.00	55.02 0.33 0.00	61.81 0.37 0.00	72.14 0.29 0.00	78.70 -0.64 0.00	90.04 -1.94 0.00	93.85 -4.11 0.00	115.23 -5.24 1.38	142.09 -6.36 3.10	217.85 -6.97 0.00	235.74 -8.79 0.00	200.29 -7.52 6.86	143.55 -5.47 3.23	92.58 -3.26 0.00	75.99 -1.24 0.00	63.55 -0.44 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	52.79 3.18 0.00	45.77 1.89 0.00	39.98 1.79 0.00	36.89 1.21 0.00	36.90 1.28 0.00	39.03 0.65 0.00	43.36 -0.04 0.00	48.39 -0.10 0.00	50.65 0.75 0.00	56.22 1.53 0.00	63.71 2.27 0.00	73.72 1.87 0.00	81.96 2.62 0.00	94.18 2.21 0.00	103.15 5.19 0.00	126.85 5.00 0.00	155.03 3.49 0.00	223.92 -0.90 0.00	244.78 0.24 0.00	217.67 3.01 0.00	154.08 1.83 0.00	98.33 2.49 0.00	78.85 1.62 0.00	66.36 2.37 0.00
EMPIRE_CC_1 323656	49.51 -0.10 0.00	44.20 0.31 0.00	38.79 0.61 0.00	36.46 0.78 0.00	36.37 0.75 0.00	38.87 0.50 0.00	43.71 0.31 0.00	48.39 -0.10 0.00	49.70 -0.20 0.00	53.80 -0.38 0.50	60.52 -0.49 0.43	70.36 -0.43 1.07	78.01 0.32 1.65	91.95 1.01 1.04	98.47 2.15 1.64	122.04 3.05 2.86	149.19 4.40 6.76	227.91 6.07 2.98	250.88 6.35 0.00	219.81 5.14 0.00	156.36 4.11 0.00	97.85 2.02 0.00	77.92 0.69 0.00	63.87 -0.13 0.00
EMPIRE_CC_2 323658	49.51 -0.10 0.00	44.20 0.31 0.00	38.79 0.61 0.00	36.46 0.78 0.00	36.37 0.75 0.00	38.87 0.50 0.00	43.71 0.31 0.00	48.39 -0.10 0.00	49.70 -0.20 0.00	53.80 -0.38 0.50	60.52 -0.49 0.43	70.36 -0.43 1.07	78.01 0.32 1.65	91.95 1.01 1.04	98.47 2.15 1.64	122.04 3.05 2.86	149.19 4.40 6.76	227.91 6.07 2.98	250.88 6.35 0.00	219.81 5.14 0.00	156.36 4.11 0.00	97.85 2.02 0.00	77.92 0.69 0.00	63.87 -0.13 0.00
ENORWICH_115KV_TB1 80156	54.43 4.81 0.00	47.97 4.08 0.00	41.58 3.40 0.00	38.67 3.00 0.00	38.79 3.17 0.00	41.72 3.34 0.00	47.35 3.95 0.00	52.80 4.32 0.00	54.19 4.29 0.00	59.12 4.43 0.00	66.42 4.98 0.00	77.60 5.75 0.00	86.24 6.90 0.00	100.62 8.65 0.00	109.03 11.07 0.00	136.23 14.38 0.00	169.58 18.03 0.00	252.70 27.88 0.00	277.55 33.01 0.00	244.29 29.62 0.00	173.26 21.01 0.00	108.20 12.36 0.00	85.80 8.57 0.00	70.46 6.46 0.00
ERIE_ST__34_KV_TB1-2 80199	53.04 3.42 0.00	45.99 2.11 0.00	40.09 1.91 0.00	37.03 1.36 0.00	37.05 1.42 0.00	39.22 0.84 0.00	43.66 0.26 0.00	48.68 0.19 0.00	51.00 1.10 0.00	56.71 2.02 0.00	64.39 2.95 0.00	74.59 2.73 0.00	83.07 3.73 0.00	95.56 3.59 0.00	104.82 6.86 0.00	129.16 7.31 0.00	158.06 6.52 0.00	228.19 3.37 0.00	249.67 5.14 0.00	221.75 7.08 0.00	156.51 4.26 0.00	99.48 3.64 0.00	79.62 2.39 0.00	66.87 2.88 0.00
ERIE_WT_PWR 323693	53.03 3.42 0.00	46.08 2.19 0.00	40.17 1.98 0.00	37.28 1.61 0.00	37.08 1.46 0.00	39.37 1.00 0.00	43.62 0.22 0.00	48.63 0.15 0.00	51.35 1.45 0.00	56.55 1.86 0.00	64.14 2.70 0.00	74.22 2.37 0.00	82.36 3.01 0.00	94.92 2.94 0.00	103.93 5.98 0.00	127.82 5.97 0.00	156.39 4.85 0.00	225.95 1.13 0.00	246.98 2.45 0.00	219.38 4.72 0.00	155.29 3.04 0.00	99.10 3.26 0.00	79.39 2.16 0.00	67.32 3.33 0.00
ESPRGFLD_115KV_TB1 80157	51.99 2.38 0.00	46.04 2.15 0.00	40.05 1.87 0.00	37.32 1.64 0.00	37.33 1.71 0.00	40.22 1.84 0.00	45.44 2.04 0.00	50.43 1.94 0.00	51.75 1.85 0.00	56.49 1.91 0.11	63.49 2.15 0.10	74.13 2.51 0.24	82.30 3.33 0.37	96.15 4.41 0.24	103.65 5.88 0.18	129.40 7.55 0.00	160.64 9.09 0.00	238.98 14.16 0.00	262.14 17.61 0.00	232.05 17.39 0.00	164.89 12.64 0.00	103.22 7.38 0.00	82.01 4.79 0.00	67.26 3.26 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	51.55 1.93 0.00	45.42 1.54 0.00	39.44 1.26 0.00	36.75 1.07 0.00	36.72 1.10 0.00	39.41 1.04 0.00	44.57 1.17 0.00	49.65 1.16 0.00	51.15 1.25 0.00	56.05 1.37 0.00	63.04 1.60 0.00	73.65 1.80 0.00	81.72 2.38 0.00	95.01 3.04 0.00	102.37 4.41 0.00	127.33 5.48 0.00	158.36 6.82 0.00	234.49 9.67 0.00	256.76 12.23 0.00	226.47 11.81 0.00	160.62 8.37 0.00	100.72 4.89 0.00	80.47 3.24 0.00	66.43 2.43 0.00
ETNA____115KV_TB2 80207	51.55 1.93 0.00	45.42 1.54 0.00	39.44 1.26 0.00	36.75 1.07 0.00	36.72 1.10 0.00	39.41 1.04 0.00	44.57 1.17 0.00	49.65 1.16 0.00	51.15 1.25 0.00	56.05 1.37 0.00	63.04 1.60 0.00	73.65 1.80 0.00	81.72 2.38 0.00	95.01 3.04 0.00	102.37 4.41 0.00	127.33 5.48 0.00	158.36 6.82 0.00	234.49 9.67 0.00	256.76 12.23 0.00	226.47 11.81 0.00	160.62 8.37 0.00	100.72 4.89 0.00	80.47 3.24 0.00	66.43 2.43 0.00
EUCLID__115KV_TB2 356179	49.51 -0.10 0.00	43.67 -0.22 0.00	37.99 -0.19 0.00	35.43 -0.25 0.00	35.37 -0.25 0.00	37.99 -0.38 0.00	42.88 -0.52 0.00	47.91 -0.58 0.00	49.40 -0.50 0.00	54.25 -0.44 0.00	61.07 -0.37 0.00	71.42 -0.43 0.00	79.18 -0.16 0.00	91.97 0.00 0.00	98.84 0.88 0.00	122.83 0.97 0.00	152.45 0.91 0.00	225.04 0.22 0.00	242.69 0.98 2.82	215.95 1.29 0.00	153.32 1.07 0.00	96.32 0.48 0.00	77.15 -0.08 0.00	63.67 -0.32 0.00
E_CANADA_CAP_HY 24051	52.14 2.53 0.00	46.21 2.32 0.00	40.28 2.10 0.00	37.57 1.89 0.00	37.54 1.92 0.00	40.45 2.07 0.00	45.57 2.17 0.00	50.23 1.74 0.00	51.35 1.45 0.00	55.77 1.26 0.17	62.52 1.23 0.15	72.86 1.36 0.36	80.84 2.06 0.56	94.57 2.94 0.35	101.33 4.02 0.64	126.19 5.61 1.27	155.51 6.97 3.00	235.18 11.68 1.32	261.17 16.64 0.00	233.13 18.46 0.00	166.25 14.00 0.00	103.98 8.14 0.00	82.63 5.40 0.00	67.77 3.77 0.00
E_CANADA_MHWK_HY 24050	51.05 1.44 0.00	45.20 1.32 0.00	39.37 1.18 0.00	36.75 1.07 0.00	36.76 1.14 0.00	39.57 1.19 0.00	44.75 1.35 0.00	49.94 1.45 0.00	51.40 1.50 0.00	56.33 1.64 0.00	63.28 1.84 0.00	74.01 2.15 0.00	81.96 2.61 0.00	95.38 3.41 0.00	101.98 4.02 0.00	126.97 5.12 0.00	157.61 6.07 0.00	233.58 8.76 0.00	252.53 10.03 2.03	223.26 8.60 0.00	158.35 6.10 0.00	99.67 3.84 0.00	79.85 2.63 0.00	65.91 1.92 0.00
E_FISHKILL__LBMP 23776	50.80 1.19 0.00	45.47 1.58 0.00	39.79 1.60 0.00	37.21 1.53 0.00	37.08 1.46 0.00	39.83 1.46 0.00	44.79 1.39 0.00	49.75 1.26 0.00	51.15 1.25 0.00	56.34 1.31 -0.34	63.21 1.47 -0.29	74.52 1.94 -0.73	83.87 3.41 -1.12	97.46 4.78 -0.70	105.47 6.96 -0.55	122.82 8.90 7.92	144.34 11.52 18.72	232.75 16.19 8.25	261.65 17.12 0.00	229.05 14.38 0.00	161.69 9.44 0.00	100.82 4.98 0.00	79.78 2.55 0.00	65.02 1.02 0.00
FALCON__SEABRD_CC1 323796	49.27 -0.34 0.00	43.89 0.00 0.00	37.99 -0.19 0.00	35.60 -0.07 0.00	35.62 0.00 0.00	38.61 0.23 0.00	44.01 0.61 0.00	49.41 0.92 0.00	50.35 0.45 0.00	55.07 0.39 0.00	61.93 0.49 0.00	72.29 0.43 0.00	78.79 -0.55 0.00	89.95 -2.02 0.00	93.75 -4.21 0.00	115.07 -5.36 1.43	141.84 -6.51 3.19	217.85 -6.97 0.00	235.97 -8.57 0.00	200.30 -7.30 7.06	143.59 -5.33 3.33	92.58 -3.26 0.00	76.07 -1.16 0.00	63.55 -0.44 0.00
FALCON__SEABRD_CC2 323797	49.27 -0.34 0.00	43.89 0.00 0.00	37.99 -0.19 0.00	35.60 -0.07 0.00	35.62 0.00 0.00	38.61 0.23 0.00	44.01 0.61 0.00	49.41 0.92 0.00	50.35 0.45 0.00	55.07 0.39 0.00	61.93 0.49 0.00	72.29 0.43 0.00	78.79 -0.55 0.00	89.95 -2.02 0.00	93.75 -4.21 0.00	115.07 -5.36 1.43	141.84 -6.51 3.19	217.85 -6.97 0.00	235.97 -8.57 0.00	200.30 -7.30 7.06	143.59 -5.33 3.33	92.58 -3.26 0.00	76.07 -1.16 0.00	63.55 -0.44 0.00

FAR ROCKAWAY___4 23548	51.84 2.23 0.01	47.48 3.60 0.00	41.69 3.51 0.00	38.85 3.18 0.00	38.58 2.96 0.00	41.49 3.11 0.00	46.13 2.73 0.00	50.81 2.33 0.00	52.15 2.30 0.05	57.13 2.62 0.18	65.03 3.32 -0.28	77.01 4.45 -0.70	88.20 7.78 -1.09	150.92 10.49 -48.46	111.92 13.42 -0.54	185.31 16.33 -47.13	283.17 21.06 -110.56	385.13 30.13 -130.19	286.07 32.52 -9.02	249.22 27.26 -7.29	170.37 18.12 0.00	106.05 10.16 -0.06	89.10 6.56 -5.31	67.82 3.78 -0.05
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	51.80 2.18 0.00	46.48 2.59 0.00	40.63 2.44 0.00	37.96 2.28 0.00	37.83 2.21 0.00	40.64 2.26 0.00	45.74 2.34 0.00	50.96 2.47 0.00	52.44 2.54 0.00	57.81 2.79 -0.33	64.67 2.95 -0.28	76.22 3.66 -0.70	86.06 5.63 -1.09	100.29 7.63 -0.68	108.88 10.38 -0.53	177.49 13.04 -42.60	268.71 16.52 -100.65	292.79 23.61 -44.37	269.72 25.19 0.00	235.70 21.04 0.00	165.80 13.55 0.00	102.93 7.09 0.00	81.17 3.94 0.00	65.98 1.98 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	51.80 2.18 0.00	46.48 2.59 0.00	40.63 2.44 0.00	37.96 2.28 0.00	37.83 2.21 0.00	40.64 2.26 0.00	45.74 2.34 0.00	50.96 2.47 0.00	52.44 2.54 0.00	57.81 2.79 -0.33	64.67 2.95 -0.28	76.22 3.66 -0.70	86.06 5.63 -1.09	100.20 7.54 -0.68	108.88 10.38 -0.53	177.49 13.04 -42.60	268.71 16.52 -100.65	292.79 23.61 -44.37	269.72 25.19 0.00	235.70 21.04 0.00	165.80 13.55 0.00	103.02 7.19 0.00	81.17 3.94 0.00	65.98 1.98 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	51.75 2.13 0.00	46.43 2.55 0.00	40.59 2.41 0.00	37.92 2.25 0.00	37.79 2.17 0.00	40.60 2.23 0.00	45.70 2.30 0.00	50.91 2.42 0.00	52.44 2.54 0.00	57.75 2.73 -0.33	64.61 2.89 -0.28	76.15 3.59 -0.70	85.98 5.55 -1.09	100.11 7.45 -0.68	108.78 10.29 -0.53	177.37 12.92 -42.60	268.56 16.37 -100.65	292.35 23.16 -44.37	269.23 24.70 0.00	235.49 20.82 0.00	165.49 13.25 0.00	102.83 7.00 0.00	81.09 3.86 0.00	65.85 1.86 0.00
FARRAGUT___LBMP 323566	51.70 2.08 0.00	46.39 2.50 0.00	40.55 2.37 0.00	37.89 2.21 0.00	37.76 2.14 0.00	40.56 2.19 0.00	45.66 2.26 0.00	50.86 2.38 0.00	52.34 2.45 0.00	57.70 2.68 -0.33	64.55 2.83 -0.28	76.08 3.52 -0.70	85.90 5.47 -1.09	100.01 7.36 -0.68	108.58 10.09 -0.53	177.12 12.67 -42.60	268.26 16.06 -100.65	292.12 22.93 -44.37	268.99 24.45 0.00	235.06 20.39 0.00	165.34 13.09 0.00	102.74 6.90 0.00	81.01 3.78 0.00	65.79 1.79 0.00
FENNER___WINDPWR 24204	51.15 1.54 0.00	45.20 1.32 0.00	39.25 1.07 0.00	36.60 0.93 0.00	36.62 1.00 0.00	39.37 1.00 0.00	44.53 1.13 0.00	49.70 1.21 0.00	51.25 1.35 0.00	56.11 1.42 0.00	63.10 1.66 0.00	73.72 1.87 0.00	81.24 1.90 0.00	94.64 2.67 0.00	101.48 3.52 0.00	126.36 4.51 0.00	157.30 5.76 0.00	233.36 8.54 0.00	250.67 10.03 3.90	223.88 9.22 0.01	158.79 6.54 0.00	99.57 3.73 0.00	80.24 3.01 0.00	66.17 2.18 0.00
FIBERTEK___ENERGY 23856	49.91 0.30 0.00	43.97 0.09 0.00	38.22 0.04 0.00	35.64 -0.04 0.00	35.58 -0.04 0.00	38.22 -0.15 0.00	43.18 -0.22 0.00	48.24 -0.24 0.00	49.75 -0.15 0.00	54.69 0.00 0.00	61.56 0.12 0.00	72.00 0.14 0.00	79.82 0.48 0.00	92.80 0.83 0.00	99.82 1.86 0.00	124.05 2.19 0.00	153.97 2.42 0.00	227.07 2.25 0.00	245.76 3.42 2.20	218.10 3.43 0.00	154.84 2.59 0.00	97.18 1.34 0.00	77.84 0.62 0.00	64.25 0.26 0.00
FITZPATRICK___ 23598	48.72 -0.89 0.00	43.01 -0.88 0.00	37.42 -0.76 0.00	34.93 -0.75 0.00	34.84 -0.78 0.00	37.46 -0.92 0.00	42.23 -1.17 0.00	47.18 -1.31 0.00	48.70 -1.20 0.00	53.37 -1.31 0.00	60.03 -1.41 0.00	70.13 -1.73 0.00	77.67 -1.67 0.00	90.22 -1.75 0.00	96.68 -1.28 0.00	120.14 -1.71 0.00	149.11 -2.43 0.00	220.54 -4.28 0.00	240.38 -4.16 0.00	211.45 -3.21 0.00	149.97 -2.28 0.00	94.30 -1.54 0.00	75.68 -1.54 0.00	62.65 -1.35 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	51.60 1.98 0.00	46.08 2.19 0.00	40.28 2.10 0.00	37.67 2.00 0.00	37.54 1.92 0.00	40.33 1.96 0.00	45.35 1.95 0.00	50.43 1.94 0.00	51.90 2.00 0.00	57.14 2.19 -0.27	64.13 2.46 -0.23	75.66 3.23 -0.57	85.15 4.92 -0.89	99.24 6.71 -0.56	107.60 9.21 -0.44	132.24 11.82 1.43	163.47 15.31 3.38	245.59 22.26 1.49	268.74 24.21 0.00	235.06 20.39 0.00	165.80 13.55 0.00	103.22 7.38 0.00	81.47 4.25 0.00	66.23 2.24 0.00
FORT ORANGE___ 23900	49.56 -0.05 0.00	44.11 0.22 0.00	38.60 0.42 0.00	36.21 0.54 0.00	36.16 0.54 0.00	38.68 0.31 0.00	43.62 0.22 0.00	48.39 -0.10 0.00	49.30 -0.60 0.00	53.73 -0.71 0.24	60.31 -0.92 0.21	70.38 -0.94 0.54	77.69 -0.39 1.26	90.26 0.00 1.72	97.42 0.98 1.51	119.50 1.58 3.93	145.76 2.57 8.36	218.74 3.82 9.90	241.61 4.63 7.56	218.31 3.65 0.00	155.29 3.04 0.00	96.76 1.34 0.42	77.46 0.23 0.00	63.55 -0.44 0.00
FORT_DRUM_COGEN 23780	52.74 3.13 0.00	46.52 2.63 0.00	40.24 2.06 0.00	37.46 1.78 0.00	37.58 1.96 0.00	40.56 2.19 0.00	46.05 2.65 0.00	51.49 3.01 0.00	52.74 2.84 0.00	57.42 2.73 0.00	64.27 2.83 0.00	75.09 3.23 0.00	82.75 3.41 0.00	96.20 4.23 0.00	100.41 2.45 0.00	125.28 3.41 -0.02	156.07 4.55 0.02	234.26 9.44 0.00	230.83 12.72 26.42	227.77 13.09 -0.01	162.34 10.05 -0.04	101.68 5.85 0.00	83.25 6.02 0.00	68.54 4.54 0.00
FOX_HILLS___ESR 323835	51.99 2.38 0.00	46.87 2.98 0.00	40.97 2.79 0.00	38.28 2.60 0.00	38.15 2.53 0.00	40.91 2.53 0.00	45.96 2.56 0.00	50.52 2.04 0.00	51.84 1.95 0.01	52.15 2.24 4.78	55.19 2.21 8.46	71.10 3.02 3.77	81.49 5.00 2.85	95.41 6.62 3.18	103.97 9.31 3.30	145.65 11.82 -11.98	210.97 14.85 -44.57	258.87 21.13 -12.92	256.21 22.50 10.83	211.01 19.32 22.98	128.60 12.64 36.28	83.02 6.42 19.24	60.54 3.32 20.00	54.25 1.41 11.15
FPL_FAR_ROCK_GT1 24212	51.79 2.18 0.01	47.40 3.51 0.00	41.69 3.51 0.00	38.82 3.14 0.00	38.58 2.95 0.00	41.41 3.03 0.00	46.14 2.74 0.00	50.14 1.65 0.00	52.05 2.19 0.05	57.13 2.62 0.18	64.97 3.25 -0.28	77.01 4.46 -0.70	88.36 7.93 -1.09	151.19 10.76 -48.46	124.42 13.42 -13.04	185.32 16.33 -47.14	283.17 21.06 -110.57	385.14 30.14 -130.19	286.09 32.53 -9.02	249.23 27.27 -7.30	170.36 18.11 0.00	106.15 10.26 -0.06	89.17 6.64 -5.31	67.76 3.71 -0.05
FPL_FAR_ROCK_GT2 23815	51.79 2.18 0.01	47.40 3.51 0.00	41.69 3.51 0.00	38.82 3.14 0.00	38.58 2.95 0.00	41.41 3.03 0.00	46.14 2.74 0.00	50.14 1.65 0.00	52.05 2.19 0.05	57.13 2.62 0.18	64.97 3.25 -0.28	77.01 4.46 -0.70	88.36 7.93 -1.09	151.19 10.76 -48.46	124.42 13.42 -13.04	185.32 16.33 -47.14	283.17 21.06 -110.57	385.14 30.14 -130.19	286.09 32.53 -9.02	249.23 27.27 -7.30	170.36 18.11 0.00	106.15 10.26 -0.06	89.17 6.64 -5.31	67.76 3.71 -0.05
FRANKLIN_FALL_HYD 24054	50.16 0.55 0.00	44.37 0.48 0.00	38.33 0.15 0.00	35.89 0.21 0.00	35.91 0.28 0.00	38.95 0.58 0.00	44.40 1.00 0.00	49.75 1.26 0.00	51.10 1.20 0.00	55.89 1.20 0.00	62.67 1.23 0.00	73.15 1.29 0.00	79.58 0.24 0.00	91.51 -0.46 0.00	93.84 -4.11 0.00	109.42 -5.36 7.07	129.27 -6.36 15.90	218.97 -5.85 0.00	205.24 -7.58 31.72	173.30 -6.23 35.14	131.63 -4.11 16.50	93.63 -2.20 0.00	77.54 0.31 0.00	64.83 0.83 0.00

FREEPORT_EQUS_GT1 23764	51.09 1.49 0.01	46.87 2.99 0.00	41.31 3.13 0.00	38.42 2.75 0.00	38.19 2.57 0.00	41.02 2.65 0.00	45.66 2.26 0.00	49.51 1.02 0.00	51.22 1.55 0.22	54.16 1.86 2.39	63.99 2.27 -0.28	75.50 2.95 -0.70	86.78 6.35 -1.09	118.44 8.56 -17.91	122.07 11.07 -13.04	178.96 14.13 -42.98	271.26 18.18 -101.54	322.39 26.29 -71.27	272.65 28.11 -0.01	238.08 23.40 -0.01	167.62 15.37 0.00	104.10 8.24 -0.02	84.65 5.32 -2.10	66.57 2.56 -0.02
FREEPORT___CT2 23818	51.09 1.49 0.01	46.87 2.99 0.00	41.31 3.13 0.00	38.42 2.75 0.00	38.19 2.57 0.00	41.02 2.65 0.00	45.66 2.26 0.00	49.51 1.02 0.00	51.22 1.55 0.22	54.16 1.86 2.39	63.99 2.27 -0.28	75.50 2.95 -0.70	86.78 6.35 -1.09	118.44 8.56 -17.91	122.07 11.07 -13.04	178.96 14.13 -42.98	271.26 18.18 -101.54	322.39 26.29 -71.27	272.65 28.11 -0.01	238.08 23.40 -0.01	167.62 15.37 0.00	104.10 8.24 -0.02	84.65 5.32 -2.10	66.57 2.56 -0.02
FRESHKLS_33_KV_LOAD 356253	51.95 2.33 0.00	46.96 3.07 0.00	41.08 2.90 0.00	38.39 2.71 0.00	38.22 2.60 0.00	40.99 2.61 0.00	46.05 2.65 0.00	50.52 2.04 0.00	51.74 1.85 0.01	52.04 2.13 4.78	55.06 2.09 8.46	70.96 2.87 3.77	81.49 5.00 2.85	95.41 6.62 3.18	103.97 9.31 3.30	145.78 11.94 -11.98	210.97 14.85 -44.57	259.09 21.36 -12.92	256.21 22.50 10.83	211.43 19.75 22.98	129.06 13.09 36.28	83.02 6.42 19.24	60.54 3.32 20.00	54.19 1.34 11.15
FULTON COGEN____ 23766	49.51 -0.10 0.00	43.67 -0.22 0.00	37.99 -0.19 0.00	35.43 -0.25 0.00	35.37 -0.25 0.00	37.99 -0.38 0.00	42.92 -0.48 0.00	47.95 -0.53 0.00	49.35 -0.55 0.00	54.19 -0.49 0.00	60.95 -0.49 0.00	71.28 -0.57 0.00	79.02 -0.32 0.00	91.88 -0.09 0.00	98.64 0.69 0.00	122.58 0.73 0.00	152.30 0.76 0.00	225.04 0.22 0.00	242.45 1.22 3.31	216.17 1.50 0.00	153.47 1.22 -0.01	96.32 0.48 0.00	77.15 -0.08 0.00	63.67 -0.32 0.00
FULTON___LFGE 323630	52.44 2.83 0.00	46.47 2.59 0.00	40.51 2.33 0.00	37.78 2.10 0.00	37.79 2.17 0.00	40.68 2.30 0.00	45.87 2.47 0.00	50.67 2.18 0.00	51.84 1.94 0.00	56.24 1.75 0.19	63.06 1.78 0.16	73.53 2.09 0.41	81.56 2.85 0.63	95.44 3.86 0.40	102.09 4.90 0.76	127.12 6.82 1.55	156.67 8.79 3.66	237.61 14.40 1.61	263.62 19.09 0.00	234.84 20.17 0.00	167.47 15.22 0.00	104.56 8.72 0.00	83.09 5.87 0.00	68.15 4.16 0.00
G.F.CEMENT___DRP 24184	51.45 1.84 0.00	45.69 1.80 0.00	39.98 1.79 0.00	37.35 1.68 0.00	37.26 1.64 0.00	40.10 1.73 0.00	45.18 1.78 0.00	50.23 1.75 0.00	51.70 1.80 0.00	56.08 1.70 0.30	62.42 1.23 0.25	72.81 1.58 0.63	80.75 2.38 0.97	94.68 3.31 0.61	101.79 4.31 0.48	126.15 6.34 2.04	155.52 8.79 4.82	236.18 13.49 2.12	262.39 17.85 0.00	231.62 16.96 0.00	165.34 13.09 0.00	102.93 7.09 0.00	81.86 4.63 0.00	67.13 3.14 0.00
GARDENVILLE___LBMP 24039	52.89 3.27 0.00	45.86 1.97 0.00	40.05 1.87 0.00	36.96 1.28 0.00	36.97 1.35 0.00	39.14 0.77 0.00	43.49 0.09 0.00	48.49 0.00 0.00	50.75 0.85 0.00	56.38 1.70 0.00	63.90 2.46 0.00	73.94 2.08 0.00	82.20 2.86 0.00	94.46 2.48 0.00	103.44 5.49 0.00	127.33 5.48 0.00	155.64 4.09 0.00	224.82 0.00 0.00	246.00 1.47 0.00	218.74 4.08 0.00	154.84 2.59 0.00	98.71 2.88 0.00	79.16 1.93 0.00	66.55 2.56 0.00
GARDNVLA_35_KV_LD 355827	53.14 3.52 0.00	46.08 2.19 0.00	40.21 2.02 0.00	37.10 1.43 0.00	37.12 1.50 0.00	39.26 0.88 0.00	43.66 0.26 0.00	48.73 0.24 0.00	51.05 1.15 0.00	56.71 2.02 0.00	64.27 2.83 0.00	74.37 2.51 0.00	82.75 3.41 0.00	95.10 3.13 0.00	104.23 6.27 0.00	128.31 6.46 0.00	156.85 5.30 0.00	226.39 1.57 0.00	247.71 3.18 0.00	220.25 5.58 0.00	155.75 3.50 0.00	99.29 3.45 0.00	79.62 2.39 0.00	66.87 2.88 0.00
GELCKHM___115KV_LOAD 80723	49.61 0.00 0.00	43.80 -0.09 0.00	38.07 -0.11 0.00	35.50 -0.18 0.00	35.44 -0.18 0.00	38.07 -0.31 0.00	42.97 -0.43 0.00	48.00 -0.48 0.00	49.55 -0.35 0.00	54.41 -0.27 0.00	61.26 -0.18 0.00	71.64 -0.22 0.00	79.42 0.08 0.00	92.25 0.28 0.00	99.23 1.27 0.00	123.19 1.34 0.00	153.06 1.52 0.00	225.94 1.12 0.00	243.94 1.96 2.55	216.60 1.93 0.00	153.77 1.52 0.00	96.60 0.77 0.00	77.38 0.15 0.00	63.87 -0.13 0.00
GENERAL___MILLS 23808	52.99 3.37 0.00	45.99 2.11 0.00	40.13 1.95 0.00	37.03 1.36 0.00	37.05 1.42 0.00	39.22 0.84 0.00	43.57 0.17 0.00	48.63 0.15 0.00	50.90 1.00 0.00	56.55 1.86 0.00	64.08 2.64 0.00	74.15 2.30 0.00	82.44 3.09 0.00	94.83 2.85 0.00	103.84 5.88 0.00	127.82 5.97 0.00	156.24 4.70 0.00	225.72 0.90 0.00	246.74 2.20 0.00	219.39 4.72 0.00	155.29 3.04 0.00	99.00 3.16 0.00	79.39 2.16 0.00	66.75 2.75 0.00
GE_PLASTICS___DRP 24183	49.17 -0.45 0.00	43.80 -0.09 0.00	38.30 0.11 0.00	35.93 0.25 0.00	35.83 0.21 0.00	38.41 0.04 0.00	43.27 -0.13 0.00	48.05 -0.44 0.00	49.35 -0.55 0.00	53.79 -0.71 0.19	60.42 -0.86 0.16	70.11 -0.93 0.81	70.11 -0.40 8.84	70.02 0.00 21.96	89.65 0.98 9.29	89.03 1.46 34.28	89.05 1.97 64.47	89.03 2.70 138.49	113.56 2.93 133.91	216.75 2.15 0.06	154.01 1.83 0.06	89.04 0.67 7.47	77.00 -0.23 0.00	63.42 -0.58 0.00
GILBOA___1 23756	50.16 0.55 0.00	44.63 0.75 0.00	38.98 0.80 0.00	36.43 0.75 0.00	36.37 0.75 0.00	39.03 0.65 0.00	43.96 0.56 0.00	48.87 0.39 0.00	50.30 0.40 0.00	55.18 0.44 -0.05	61.92 0.43 -0.05	72.61 0.65 -0.11	81.02 1.50 -0.18	94.47 2.39 -0.11	101.67 3.63 -0.09	125.75 3.90 0.00	155.94 4.40 0.00	230.44 5.62 0.00	251.37 6.84 0.00	220.24 5.57 0.00	156.51 4.26 0.00	98.62 2.78 0.00	78.54 1.31 0.00	64.45 0.45 0.00
GILBOA___2 23757	50.16 0.55 0.00	44.63 0.75 0.00	38.98 0.80 0.00	36.43 0.75 0.00	36.37 0.75 0.00	39.03 0.65 0.00	43.96 0.56 0.00	48.87 0.39 0.00	50.30 0.40 0.00	55.18 0.44 -0.05	61.92 0.43 -0.05	72.61 0.65 -0.11	81.02 1.50 -0.18	94.47 2.39 -0.11	101.67 3.63 -0.09	125.75 3.90 0.00	155.94 4.40 0.00	230.44 5.62 0.00	251.37 6.84 0.00	220.24 5.57 0.00	156.51 4.26 0.00	98.62 2.78 0.00	78.54 1.31 0.00	64.45 0.45 0.00
GILBOA___3 23758	50.16 0.55 0.00	44.63 0.75 0.00	38.98 0.80 0.00	36.43 0.75 0.00	36.37 0.75 0.00	39.03 0.65 0.00	43.96 0.56 0.00	48.87 0.39 0.00	50.30 0.40 0.00	55.18 0.44 -0.05	61.92 0.43 -0.05	72.61 0.65 -0.11	81.02 1.50 -0.18	94.47 2.39 -0.11	101.67 3.63 -0.09	125.75 3.90 0.00	155.94 4.40 0.00	230.44 5.62 0.00	251.37 6.84 0.00	220.24 5.57 0.00	156.51 4.26 0.00	98.62 2.78 0.00	78.54 1.31 0.00	64.45 0.45 0.00
GILBOA___4 23759	50.16 0.55 0.00	44.63 0.75 0.00	38.98 0.80 0.00	36.43 0.75 0.00	36.37 0.75 0.00	39.03 0.65 0.00	43.96 0.56 0.00	48.87 0.39 0.00	50.30 0.40 0.00	55.18 0.44 -0.05	61.92 0.43 -0.05	72.61 0.65 -0.11	81.02 1.50 -0.18	94.47 2.39 -0.11	101.67 3.63 -0.09	125.75 3.90 0.00	155.94 4.40 0.00	230.44 5.62 0.00	251.37 6.84 0.00	220.24 5.57 0.00	156.51 4.26 0.00	98.62 2.78 0.00	78.54 1.31 0.00	64.45 0.45 0.00

GILBOA____ 23599	50.16 0.55 0.00	44.63 0.75 0.00	38.98 0.80 0.00	36.46 0.78 0.00	36.37 0.75 0.00	39.07 0.69 0.00	44.01 0.61 0.00	48.92 0.44 0.00	50.35 0.45 0.00	55.18 0.44 -0.05	61.92 0.43 -0.05	72.62 0.65 -0.11	81.02 1.51 -0.18	94.29 2.21 -0.11	101.67 3.62 -0.09	125.75 3.90 0.00	155.94 4.39 0.00	230.44 5.62 0.00	251.38 6.85 0.00	220.25 5.58 0.00	156.51 4.26 0.00	98.62 2.78 0.00	78.54 1.31 0.00	64.51 0.51 0.00
GINNA____ 23603	49.56 -0.05 0.00	43.36 -0.52 0.00	37.65 -0.53 0.00	35.00 -0.68 0.00	34.87 -0.75 0.00	37.30 -1.07 0.00	41.75 -1.65 0.00	46.89 -1.60 0.00	48.85 -1.05 0.00	53.81 -0.88 0.00	60.71 -0.73 0.00	70.92 -0.94 0.00	78.31 -1.03 0.00	90.87 -1.10 0.00	98.35 0.39 0.00	121.61 -0.24 0.00	150.33 -1.22 0.00	220.78 -4.04 0.00	241.35 -3.19 0.00	212.73 -1.94 0.00	151.19 -1.06 0.00	95.27 -0.57 0.00	76.22 -1.01 0.00	63.55 -0.44 0.00
GLEN PARK____ 23778	53.14 3.52 0.00	46.83 2.94 0.00	40.51 2.33 0.00	37.71 2.03 0.00	37.83 2.21 0.00	40.83 2.46 0.00	46.31 2.91 0.00	51.79 3.30 0.00	53.10 3.20 0.00	57.75 3.06 0.00	64.63 3.19 0.00	75.45 3.59 0.00	83.15 3.81 0.00	96.57 4.60 0.00	101.00 3.04 0.00	126.13 4.26 -0.02	157.28 5.76 0.02	236.28 11.46 0.00	234.69 15.17 25.01	230.36 15.66 -0.03	164.32 12.02 -0.05	102.83 6.99 0.00	83.94 6.72 0.00	69.12 5.12 0.00
GLENDALE_27_KV_LOAD 356172	52.19 2.58 0.00	46.87 2.98 0.00	40.97 2.79 0.00	38.28 2.60 0.00	38.11 2.49 0.00	40.95 2.57 0.00	46.09 2.69 0.00	51.11 2.62 0.00	52.54 2.64 0.00	57.97 2.95 -0.33	64.49 2.76 -0.28	76.08 3.52 -0.70	85.90 5.47 -1.09	100.01 7.36 -0.68	108.58 10.09 -0.53	153.54 12.79 -18.89	212.33 16.22 -44.57	285.09 23.16 -37.11	263.42 24.70 5.81	212.51 20.82 22.98	126.43 13.40 39.21	91.03 7.09 11.90	62.96 3.86 18.13	61.29 1.79 4.50
GLENWOOD_IC_1_G5 23712	51.39 1.79 0.01	46.69 2.81 0.00	40.93 2.75 0.00	38.21 2.53 0.00	37.97 2.35 0.00	40.83 2.46 0.00	45.66 2.26 0.00	50.52 2.04 0.00	51.76 2.00 0.13	55.63 2.24 1.30	64.24 2.52 -0.28	75.72 3.16 -0.70	86.14 5.71 -1.09	112.22 7.91 -12.34	109.18 10.68 -0.54	178.35 13.53 -42.98	270.35 17.28 -101.53	312.25 24.73 -62.70	270.70 26.17 0.00	236.56 21.90 0.00	166.56 14.31 0.00	103.22 7.38 -0.01	82.81 4.17 -1.41	65.92 1.92 -0.01
GLENWOOD_IC_2_G1 23688	51.30 1.69 0.00	46.39 2.50 0.00	40.66 2.48 0.00	37.93 2.25 0.00	37.79 2.17 0.00	40.56 2.19 0.00	45.48 2.08 0.00	50.08 1.60 0.00	51.69 1.79 0.00	57.13 2.13 -0.32	64.12 2.39 -0.28	75.72 3.16 -0.70	86.06 5.63 -1.09	106.36 7.81 -6.58	121.19 10.19 -13.04	177.74 12.91 -42.98	269.45 16.37 -101.54	302.03 23.38 -53.83	269.50 24.95 -0.01	235.72 21.05 -0.01	165.96 13.71 0.00	103.03 7.19 0.00	82.00 4.09 -0.68	65.85 1.86 0.00
GLENWOOD_IC_3_G1 23689	51.30 1.69 0.00	46.39 2.50 0.00	40.66 2.48 0.00	37.93 2.25 0.00	37.79 2.17 0.00	40.56 2.19 0.00	45.48 2.08 0.00	50.08 1.60 0.00	51.69 1.79 0.00	57.13 2.13 -0.32	64.12 2.39 -0.28	75.72 3.16 -0.70	86.06 5.63 -1.09	106.36 7.81 -6.58	121.19 10.19 -13.04	177.74 12.91 -42.98	269.45 16.37 -101.54	302.03 23.38 -53.83	269.50 24.95 -0.01	235.72 21.05 -0.01	165.96 13.71 0.00	103.03 7.19 0.00	82.00 4.09 -0.68	65.85 1.86 0.00
GLENWOOD____4 23550	51.39 1.79 0.01	46.69 2.81 0.00	40.93 2.75 0.00	38.21 2.53 0.00	37.97 2.35 0.00	40.83 2.46 0.00	45.66 2.26 0.00	50.52 2.04 0.00	51.76 2.00 0.13	55.63 2.24 1.30	64.36 2.64 -0.28	75.86 3.31 -0.70	86.30 5.87 -1.09	112.50 8.19 -12.34	109.47 10.97 -0.54	178.72 13.89 -42.98	270.80 17.73 -101.53	312.69 25.18 -62.70	271.43 26.90 0.00	236.99 22.33 0.00	166.86 14.62 0.00	103.51 7.67 -0.01	83.04 4.40 -1.41	66.12 2.11 -0.01
GLENWOOD____5 23614	51.39 1.79 0.01	46.69 2.81 0.00	40.93 2.75 0.00	38.21 2.53 0.00	37.97 2.35 0.00	40.83 2.46 0.00	45.66 2.26 0.00	50.52 2.04 0.00	51.76 2.00 0.13	55.63 2.24 1.30	64.36 2.64 -0.28	75.86 3.31 -0.70	86.30 5.87 -1.09	112.50 8.19 -12.34	109.47 10.97 -0.54	178.72 13.89 -42.98	270.80 17.73 -101.53	312.69 25.18 -62.70	271.43 26.90 0.00	236.99 22.33 0.00	166.86 14.62 0.00	103.51 7.67 -0.01	83.04 4.40 -1.41	66.12 2.11 -0.01
GLOBAL GREEN_PORT_GT1 23814	52.13 2.53 0.02	48.23 4.35 0.00	42.61 4.43 0.00	39.57 3.89 0.00	39.29 3.67 0.00	42.18 3.80 0.00	46.70 3.30 0.00	50.43 1.94 0.00	52.54 3.04 0.40	53.86 3.77 4.60	66.61 5.04 -0.13	79.05 6.97 -0.23	92.41 11.98 -1.09	111.27 16.00 -3.29	136.96 19.30 -19.70	238.83 20.83 -96.15	271.43 25.45 -94.44	301.31 37.09 -39.41	276.83 39.38 7.08	260.58 32.84 -13.07	211.20 26.03 -32.92	109.65 13.80 -0.01	84.81 8.65 1.06	68.70 4.99 0.29
GLOBE____DSASP 323697	51.15 1.54 0.00	44.37 0.48 0.00	38.79 0.61 0.00	35.78 0.11 0.00	35.80 0.18 0.00	37.80 -0.58 0.00	41.88 -1.52 0.00	46.79 -1.70 0.00	49.00 -0.90 0.00	54.41 -0.27 0.00	61.56 0.12 0.00	71.06 -0.79 0.00	78.87 -0.48 0.00	90.59 -1.38 0.00	99.04 1.08 0.00	121.48 -0.37 0.00	148.21 -3.33 0.00	213.80 -11.02 0.00	233.78 -10.76 0.00	207.80 -6.87 0.00	147.53 -4.72 0.00	94.59 -1.25 0.00	76.07 -1.16 0.00	64.25 0.26 0.00
GOETHSLN____LBMP 323567	51.34 1.74 0.01	46.12 2.24 0.00	40.36 2.18 0.00	37.71 2.03 0.00	37.54 1.92 0.00	40.37 2.00 0.00	45.40 2.00 0.00	50.57 2.08 0.00	52.05 2.15 0.00	52.21 2.30 4.77	55.31 2.33 8.46	71.03 2.95 3.77	81.33 4.84 2.85	95.41 6.62 3.18	104.07 9.40 3.30	145.45 11.70 -11.90	210.91 15.00 -44.37	258.77 21.13 -12.81	256.20 22.50 10.84	210.58 18.89 22.97	128.00 12.03 36.28	82.72 6.13 19.25	60.38 3.17 20.01	54.18 1.34 11.16
GOLAH____69_KV_TB 1_2 80279	52.29 2.68 0.00	45.47 1.58 0.00	39.59 1.41 0.00	36.64 0.96 0.00	36.65 1.03 0.00	39.03 0.65 0.00	43.66 0.26 0.00	48.97 0.48 0.00	50.90 1.00 0.00	56.33 1.64 0.00	63.59 2.15 0.00	74.01 2.16 0.00	81.72 2.38 0.00	94.37 2.39 0.00	102.46 4.51 0.00	126.36 4.51 0.00	155.79 4.24 0.00	227.52 2.70 0.00	249.18 4.65 0.00	220.68 6.01 0.00	156.66 4.42 0.00	99.29 3.45 0.00	79.85 2.63 0.00	66.68 2.69 0.00
GOODYEAR_LAKE_HYD 323669	51.55 1.93 0.00	45.69 1.80 0.00	39.79 1.60 0.00	37.07 1.39 0.00	37.08 1.46 0.00	39.91 1.54 0.00	45.05 1.65 0.00	50.18 1.70 0.00	51.65 1.75 0.00	56.66 1.97 0.00	63.65 2.21 0.00	74.51 2.66 0.00	82.99 3.65 0.00	96.76 4.78 0.00	104.33 6.37 0.00	129.89 8.04 0.00	161.09 9.55 0.00	238.76 13.94 0.00	260.67 16.14 0.00	229.05 14.38 0.00	162.30 10.05 0.00	101.78 5.94 0.00	80.86 3.63 0.00	66.36 2.37 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	51.20 1.59 0.00	45.11 1.23 0.00	39.25 1.07 0.00	36.57 0.89 0.00	36.51 0.89 0.00	39.11 0.73 0.00	44.05 0.65 0.00	49.02 0.53 0.00	50.70 0.80 0.00	55.78 1.09 0.00	62.85 1.41 0.00	73.36 1.51 0.00	81.56 2.22 0.00	94.73 2.76 0.00	102.37 4.41 0.00	126.97 5.12 0.00	157.30 5.76 0.00	231.34 6.52 0.00	252.85 8.31 0.00	222.82 8.16 0.00	157.73 5.48 0.00	99.29 3.45 0.00	79.23 2.01 0.00	65.66 1.66 0.00

GOUDEY___7 23579	51.20 1.59 0.00	45.11 1.23 0.00	39.25 1.07 0.00	36.57 0.89 0.00	36.51 0.89 0.00	39.11 0.73 0.00	44.05 0.65 0.00	49.02 0.53 0.00	50.70 0.80 0.00	55.78 1.09 0.00	62.85 1.41 0.00	73.36 1.51 0.00	81.56 2.22 0.00	94.73 2.76 0.00	102.37 4.41 0.00	126.97 5.12 0.00	157.30 5.76 0.00	231.34 6.52 0.00	252.85 8.31 0.00	222.82 8.16 0.00	157.73 5.48 0.00	99.29 3.45 0.00	79.23 2.01 0.00	65.66 1.66 0.00
GOUDEY___8 23580	51.20 1.59 0.00	45.11 1.23 0.00	39.25 1.07 0.00	36.57 0.89 0.00	36.51 0.89 0.00	39.11 0.73 0.00	44.05 0.65 0.00	49.02 0.53 0.00	50.70 0.80 0.00	55.78 1.09 0.00	62.85 1.41 0.00	73.36 1.51 0.00	81.56 2.22 0.00	94.73 2.76 0.00	102.37 4.41 0.00	126.97 5.12 0.00	157.30 5.76 0.00	231.34 6.52 0.00	252.85 8.31 0.00	222.82 8.16 0.00	157.73 5.48 0.00	99.29 3.45 0.00	79.23 2.01 0.00	65.66 1.66 0.00
GOWANUS_GT1_1 24077	52.24 2.63 0.00	46.91 3.03 0.00	41.01 2.83 0.00	38.32 2.64 0.00	38.19 2.56 0.00	40.95 2.57 0.00	46.00 2.60 0.00	50.77 2.28 0.00	52.10 2.20 0.00	57.54 2.52 -0.33	64.30 2.58 -0.28	75.93 3.38 -0.70	85.82 5.40 -1.09	99.74 7.08 -0.68	108.39 9.89 -0.53	176.96 12.43 -42.69	211.73 15.61 -44.57	284.19 22.26 -37.11	262.45 23.72 5.81	211.86 20.18 22.98	129.06 13.09 36.28	94.41 6.90 8.33	71.20 3.78 9.81	65.78 1.79 0.01
GOWANUS_GT1_2 24078	52.24 2.63 0.00	46.91 3.03 0.00	41.01 2.83 0.00	38.32 2.64 0.00	38.19 2.56 0.00	40.95 2.57 0.00	46.00 2.60 0.00	50.77 2.28 0.00	52.10 2.20 0.00	57.54 2.52 -0.33	64.30 2.58 -0.28	75.93 3.38 -0.70	85.82 5.40 -1.09	99.74 7.08 -0.68	108.39 9.89 -0.53	176.96 12.43 -42.69	211.73 15.61 -44.57	284.19 22.26 -37.11	262.45 23.72 5.81	211.86 20.18 22.98	129.06 13.09 36.28	94.41 6.90 8.33	71.20 3.78 9.81	65.78 1.79 0.01
GOWANUS_GT1_3 24079	52.24 2.63 0.00	46.91 3.03 0.00	41.01 2.83 0.00	38.32 2.64 0.00	38.19 2.56 0.00	40.95 2.57 0.00	46.00 2.60 0.00	50.77 2.28 0.00	52.10 2.20 0.00	57.54 2.52 -0.33	64.30 2.58 -0.28	75.93 3.38 -0.70	85.82 5.40 -1.09	99.74 7.08 -0.68	108.39 9.89 -0.53	176.96 12.43 -42.69	211.73 15.61 -44.57	284.19 22.26 -37.11	262.45 23.72 5.81	211.86 20.18 22.98	129.06 13.09 36.28	94.41 6.90 8.33	71.20 3.78 9.81	65.78 1.79 0.01
GOWANUS_GT1_4 24080	52.24 2.63 0.00	46.91 3.03 0.00	41.01 2.83 0.00	38.32 2.64 0.00	38.19 2.56 0.00	40.95 2.57 0.00	46.00 2.60 0.00	50.77 2.28 0.00	52.10 2.20 0.00	57.54 2.52 -0.33	64.30 2.58 -0.28	75.93 3.38 -0.70	85.82 5.40 -1.09	99.74 7.08 -0.68	108.39 9.89 -0.53	176.96 12.43 -42.69	211.73 15.61 -44.57	284.19 22.26 -37.11	262.45 23.72 5.81	211.86 20.18 22.98	129.06 13.09 36.28	94.41 6.90 8.33	71.20 3.78 9.81	65.78 1.79 0.01
GOWANUS_GT1_5 24084	52.24 2.63 0.00	46.91 3.03 0.00	41.01 2.83 0.00	38.32 2.64 0.00	38.19 2.56 0.00	40.95 2.57 0.00	46.00 2.60 0.00	50.77 2.28 0.00	52.10 2.20 0.00	57.54 2.52 -0.33	64.30 2.58 -0.28	75.93 3.38 -0.70	85.82 5.40 -1.09	99.74 7.08 -0.68	108.39 9.89 -0.53	176.96 12.43 -42.69	211.73 15.61 -44.57	284.19 22.26 -37.11	262.45 23.72 5.81	211.86 20.18 22.98	129.06 13.09 36.28	94.41 6.90 8.33	71.20 3.78 9.81	65.78 1.79 0.01
GOWANUS_GT1_6 24111	52.24 2.63 0.00	46.91 3.03 0.00	41.01 2.83 0.00	38.32 2.64 0.00	38.19 2.56 0.00	40.95 2.57 0.00	46.00 2.60 0.00	50.77 2.28 0.00	52.10 2.20 0.00	57.54 2.52 -0.33	64.30 2.58 -0.28	75.93 3.38 -0.70	85.82 5.40 -1.09	99.74 7.08 -0.68	108.39 9.89 -0.53	176.96 12.43 -42.69	211.73 15.61 -44.57	284.19 22.26 -37.11	262.45 23.72 5.81	211.86 20.18 22.98	129.06 13.09 36.28	94.41 6.90 8.33	71.20 3.78 9.81	65.78 1.79 0.01
GOWANUS_GT1_7 24112	52.24 2.63 0.00	46.91 3.03 0.00	41.01 2.83 0.00	38.32 2.64 0.00	38.19 2.56 0.00	40.95 2.57 0.00	46.00 2.60 0.00	50.77 2.28 0.00	52.10 2.20 0.00	57.54 2.52 -0.33	64.30 2.58 -0.28	75.93 3.38 -0.70	85.82 5.40 -1.09	99.74 7.08 -0.68	108.39 9.89 -0.53	176.96 12.43 -42.69	211.73 15.61 -44.57	284.19 22.26 -37.11	262.45 23.72 5.81	211.86 20.18 22.98	129.06 13.09 36.28	94.41 6.90 8.33	71.20 3.78 9.81	65.78 1.79 0.01
GOWANUS_GT1_8 24113	52.24 2.63 0.00	46.91 3.03 0.00	41.01 2.83 0.00	38.32 2.64 0.00	38.19 2.56 0.00	40.95 2.57 0.00	46.00 2.60 0.00	50.77 2.28 0.00	52.10 2.20 0.00	57.54 2.52 -0.33	64.30 2.58 -0.28	75.93 3.38 -0.70	85.82 5.40 -1.09	99.74 7.08 -0.68	108.39 9.89 -0.53	176.96 12.43 -42.69	211.73 15.61 -44.57	284.19 22.26 -37.11	262.45 23.72 5.81	211.86 20.18 22.98	129.06 13.09 36.28	94.41 6.90 8.33	71.20 3.78 9.81	65.78 1.79 0.01
GOWANUS_GT2_1 24114	52.24 2.63 0.00	46.88 2.99 -0.01	41.02 2.83 -0.01	38.29 2.60 -0.01	38.19 2.57 -0.01	40.96 2.57 -0.01	46.01 2.60 -0.01	50.91 2.42 0.00	51.94 2.05 0.01	57.58 2.57 -0.32	64.29 2.58 -0.27	75.93 3.38 -0.69	85.89 5.47 -1.08	100.01 7.36 -0.67	120.79 9.89 -12.95	177.09 12.55 -42.69	211.73 15.61 -44.57	284.19 22.26 -37.11	262.44 23.71 5.81	211.86 20.17 22.98	129.06 13.10 36.28	94.41 6.90 8.33	71.20 3.78 9.81	65.65 1.66 0.01
GOWANUS_GT2_2 24115	52.24 2.63 0.00	46.88 2.99 -0.01	41.02 2.83 -0.01	38.29 2.60 -0.01	38.19 2.57 -0.01	40.96 2.57 -0.01	46.01 2.60 -0.01	50.91 2.42 0.00	51.94 2.05 0.01	57.58 2.57 -0.32	64.29 2.58 -0.27	75.93 3.38 -0.69	85.89 5.47 -1.08	100.01 7.36 -0.67	120.79 9.89 -12.95	177.09 12.55 -42.69	211.73 15.61 -44.57	284.19 22.26 -37.11	262.44 23.71 5.81	211.86 20.17 22.98	129.06 13.10 36.28	94.41 6.90 8.33	71.20 3.78 9.81	65.65 1.66 0.01
GOWANUS_GT2_3 24116	52.24 2.63 0.00	46.88 2.99 -0.01	41.02 2.83 -0.01	38.29 2.60 -0.01	38.19 2.57 -0.01	40.96 2.57 -0.01	46.01 2.60 -0.01	50.91 2.42 0.00	51.94 2.05 0.01	57.58 2.57 -0.32	64.29 2.58 -0.27	75.93 3.38 -0.69	85.89 5.47 -1.08	100.01 7.36 -0.67	120.79 9.89 -12.95	177.09 12.55 -42.69	211.73 15.61 -44.57	284.19 22.26 -37.11	262.44 23.71 5.81	211.86 20.17 22.98	129.06 13.10 36.28	94.41 6.90 8.33	71.20 3.78 9.81	65.65 1.66 0.01
GOWANUS_GT2_4 24117	52.24 2.63 0.00	46.88 2.99 -0.01	41.02 2.83 -0.01	38.29 2.60 -0.01	38.19 2.57 -0.01	40.96 2.57 -0.01	46.01 2.60 -0.01	50.91 2.42 0.00	51.94 2.05 0.01	57.58 2.57 -0.32	64.29 2.58 -0.27	75.93 3.38 -0.69	85.89 5.47 -1.08	100.01 7.36 -0.67	120.79 9.89 -12.95	177.09 12.55 -42.69	211.73 15.61 -44.57	284.19 22.26 -37.11	262.44 23.71 5.81	211.86 20.17 22.98	129.06 13.10 36.28	94.41 6.90 8.33	71.20 3.78 9.81	65.65 1.66 0.01
GOWANUS_GT2_5 24118	52.24 2.63 0.00	46.88 2.99 -0.01	41.02 2.83 -0.01	38.29 2.60 -0.01	38.19 2.57 -0.01	40.96 2.57 -0.01	46.01 2.60 -0.01	50.91 2.42 0.00	51.94 2.05 0.01	57.58 2.57 -0.32	64.29 2.58 -0.27	75.93 3.38 -0.69	85.89 5.47 -1.08	100.01 7.36 -0.67	120.79 9.89 -12.95	177.09 12.55 -42.69	211.73 15.61 -44.57	284.19 22.26 -37.11	262.44 23.71 5.81	211.86 20.17 22.98	129.06 13.10 36.28	94.41 6.90 8.33	71.20 3.78 9.81	65.65 1.66 0.01

GOWANUS_GT2_6 24119	52.24	46.88	41.02	38.29	38.19	40.96	46.01	50.91	51.94	57.58	64.29	75.93	85.89	100.01	120.79	177.09	211.73	284.19	262.44	211.86	129.06	94.41	71.20	65.65
	2.63	2.99	2.83	2.60	2.57	2.57	2.60	2.42	2.05	2.57	2.58	3.38	5.47	7.36	9.89	12.55	15.61	22.26	23.71	20.17	13.10	6.90	3.78	1.66
	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.01	-0.32	-0.27	-0.69	-1.08	-0.67	-12.95	-42.69	-44.57	-37.11	5.81	22.98	36.28	8.33	9.81
GOWANUS_GT2_7 24120	52.24	46.88	41.02	38.29	38.19	40.96	46.01	50.91	51.94	57.58	64.29	75.93	85.89	100.01	120.79	177.09	211.73	284.19	262.44	211.86	129.06	94.41	71.20	65.65
	2.63	2.99	2.83	2.60	2.57	2.57	2.60	2.42	2.05	2.57	2.58	3.38	5.47	7.36	9.89	12.55	15.61	22.26	23.71	20.17	13.10	6.90	3.78	1.66
	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.01	-0.32	-0.27	-0.69	-1.08	-0.67	-12.95	-42.69	-44.57	-37.11	5.81	22.98	36.28	8.33	9.81
GOWANUS_GT2_8 24121	52.24	46.88	41.02	38.29	38.19	40.96	46.01	50.91	51.94	57.58	64.29	75.93	85.89	100.01	120.79	177.09	211.73	284.19	262.44	211.86	129.06	94.41	71.20	65.65
	2.63	2.99	2.83	2.60	2.57	2.57	2.60	2.42	2.05	2.57	2.58	3.38	5.47	7.36	9.89	12.55	15.61	22.26	23.71	20.17	13.10	6.90	3.78	1.66
	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.01	-0.32	-0.27	-0.69	-1.08	-0.67	-12.95	-42.69	-44.57	-37.11	5.81	22.98	36.28	8.33	9.81
GOWANUS_GT3_1 24122	52.24	46.88	41.02	38.29	38.19	40.96	46.01	50.91	51.95	57.59	64.29	75.93	85.89	100.01	120.79	177.09	211.73	284.19	262.44	211.86	129.06	94.41	71.20	65.65
	2.63	2.99	2.83	2.60	2.57	2.57	2.60	2.42	2.05	2.57	2.58	3.38	5.47	7.36	9.89	12.55	15.61	22.26	23.71	20.17	13.10	6.90	3.78	1.66
	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.33	-0.27	-0.69	-1.08	-0.67	-12.95	-42.69	-44.57	-37.11	5.81	22.98	36.28	8.33	9.81
GOWANUS_GT3_2 24123	52.24	46.88	41.02	38.29	38.19	40.96	46.01	50.91	51.95	57.59	64.29	75.93	85.89	100.01	120.79	177.09	211.73	284.19	262.44	211.86	129.06	94.41	71.20	65.65
	2.63	2.99	2.83	2.60	2.57	2.57	2.60	2.42	2.05	2.57	2.58	3.38	5.47	7.36	9.89	12.55	15.61	22.26	23.71	20.17	13.10	6.90	3.78	1.66
	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.33	-0.27	-0.69	-1.08	-0.67	-12.95	-42.69	-44.57	-37.11	5.81	22.98	36.28	8.33	9.81
GOWANUS_GT3_3 24124	52.24	46.88	41.02	38.29	38.19	40.96	46.01	50.91	51.95	57.59	64.29	75.93	85.89	100.01	120.79	177.09	211.73	284.19	262.44	211.86	129.06	94.41	71.20	65.65
	2.63	2.99	2.83	2.60	2.57	2.57	2.60	2.42	2.05	2.57	2.58	3.38	5.47	7.36	9.89	12.55	15.61	22.26	23.71	20.17	13.10	6.90	3.78	1.66
	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.33	-0.27	-0.69	-1.08	-0.67	-12.95	-42.69	-44.57	-37.11	5.81	22.98	36.28	8.33	9.81
GOWANUS_GT3_4 24125	52.24	46.88	41.02	38.29	38.19	40.96	46.01	50.91	51.95	57.59	64.29	75.93	85.89	100.01	120.79	177.09	211.73	284.19	262.44	211.86	129.06	94.41	71.20	65.65
	2.63	2.99	2.83	2.60	2.57	2.57	2.60	2.42	2.05	2.57	2.58	3.38	5.47	7.36	9.89	12.55	15.61	22.26	23.71	20.17	13.10	6.90	3.78	1.66
	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.33	-0.27	-0.69	-1.08	-0.67	-12.95	-42.69	-44.57	-37.11	5.81	22.98	36.28	8.33	9.81
GOWANUS_GT3_5 24126	52.24	46.88	41.02	38.29	38.19	40.96	46.01	50.91	51.95	57.59	64.29	75.93	85.89	100.01	120.79	177.09	211.73	284.19	262.44	211.86	129.06	94.41	71.20	65.65
	2.63	2.99	2.83	2.60	2.57	2.57	2.60	2.42	2.05	2.57	2.58	3.38	5.47	7.36	9.89	12.55	15.61	22.26	23.71	20.17	13.10	6.90	3.78	1.66
	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.33	-0.27	-0.69	-1.08	-0.67	-12.95	-42.69	-44.57	-37.11	5.81	22.98	36.28	8.33	9.81
GOWANUS_GT3_6 24127	52.24	46.88	41.02	38.29	38.19	40.96	46.01	50.91	51.95	57.59	64.29	75.93	85.89	100.01	120.79	177.09	211.73	284.19	262.44	211.86	129.06	94.41	71.20	65.65
	2.63	2.99	2.83	2.60	2.57	2.57	2.60	2.42	2.05	2.57	2.58	3.38	5.47	7.36	9.89	12.55	15.61	22.26	23.71	20.17	13.10	6.90	3.78	1.66
	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.33	-0.27	-0.69	-1.08	-0.67	-12.95	-42.69	-44.57	-37.11	5.81	22.98	36.28	8.33	9.81
GOWANUS_GT3_7 24128	52.24	46.88	41.02	38.29	38.19	40.96	46.01	50.91	51.95	57.59	64.29	75.93	85.89	100.01	120.79	177.09	211.73	284.19	262.44	211.86	129.06	94.41	71.20	65.65
	2.63	2.99	2.83	2.60	2.57	2.57	2.60	2.42	2.05	2.57	2.58	3.38	5.47	7.36	9.89	12.55	15.61	22.26	23.71	20.17	13.10	6.90	3.78	1.66
	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.33	-0.27	-0.69	-1.08	-0.67	-12.95	-42.69	-44.57	-37.11	5.81	22.98	36.28	8.33	9.81
GOWANUS_GT3_8 24129	52.24	46.88	41.02	38.29	38.19	40.96	46.01	50.91	51.95	57.59	64.29	75.93	85.89	100.01	120.79	177.09	211.73	284.19	262.44	211.86	129.06	94.41	71.20	65.65
	2.63	2.99	2.83	2.60	2.57	2.57	2.60	2.42	2.05	2.57	2.58	3.38	5.47	7.36	9.89	12.55	15.61	22.26	23.71	20.17	13.10	6.90	3.78	1.66
	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.33	-0.27	-0.69	-1.08	-0.67	-12.95	-42.69	-44.57	-37.11	5.81	22.98	36.28	8.33	9.81
GOWANUS_GT4_1 24130	52.24	46.91	41.01	38.32	38.19	40.95	46.00	50.77	52.09	57.53	64.30	75.93	85.82	99.74	108.39	176.96	211.73	284.19	262.45	211.86	129.06	94.41	71.20	65.78
	2.63	3.03	2.83	2.64	2.56	2.57	2.60	2.28	2.20	2.52	2.58	3.38	5.40	7.08	9.89	12.43	15.61	22.26	23.72	20.18	13.09	6.90	3.78	1.79
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	-0.32	-0.28	-0.70	-1.09	-0.68	-0.53	-42.69	-44.57	-37.11	5.81	22.98	36.28	8.33	9.81	0.01
GOWANUS_GT4_2 24131	52.24	46.91	41.01	38.32	38.19	40.95	46.00	50.77	52.09	57.53	64.30	75.93	85.82	99.74	108.39	176.96	211.73	284.19	262.45	211.86	129.06	94.41	71.20	65.78
	2.63	3.03	2.83	2.64	2.56	2.57	2.60	2.28	2.20	2.52	2.58	3.38	5.40	7.08	9.89	12.43	15.61	22.26	23.72	20.18	13.09	6.90	3.78	1.79
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	-0.32	-0.28	-0.70	-1.09	-0.68	-0.53	-42.69	-44.57	-37.11	5.81	22.98	36.28	8.33	9.81	0.01
GOWANUS_GT4_3 24132	52.24	46.91	41.01	38.32	38.19	40.95	46.00	50.77	52.09	57.53	64.30	75.93	85.82	99.74	108.39	176.96	211.73	284.19	262.45	211.86	129.06	94.41	71.20	65.78
	2.63	3.03	2.83	2.64	2.56	2.57	2.60	2.28	2.20	2.52	2.58	3.38	5.40	7.08	9.89	12.43	15.61	22.26	23.72	20.18	13.09	6.90	3.78	1.79
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	-0.32	-0.28	-0.70	-1.09	-0.68	-0.53	-42.69	-44.57	-37.11	5.81	22.98	36.28	8.33	9.81	0.01
GOWANUS_GT4_4 24133	52.24	46.91	41.01	38.32	38.19	40.95	46.00	50.77	52.09	57.53	64.30	75.93	85.82	99.74	108.39	176.96	211.73	284.19	262.45	211.86	129.06	94.41	71.20	65.78
	2.63	3.03	2.83	2.64	2.56	2.57	2.60	2.28	2.20	2.52	2.58	3.38	5.40	7.08	9.89	12.43	15.61	22.26	23.72	20.18	13.09	6.90	3.78	1.79
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	-0.32	-0.28	-0.70	-1.09	-0.68	-0.53	-42.69	-44.57	-37.11	5.81	22.98	36.28	8.33	9.81	0.01

GOWANUS_GT4_5 24134	52.24 2.63 0.00	46.91 3.03 0.00	41.01 2.83 0.00	38.32 2.64 0.00	38.19 2.56 0.00	40.95 2.57 0.00	46.00 2.60 0.00	50.77 2.28 0.00	52.09 2.20 0.01	57.53 2.52 -0.32	64.30 2.58 -0.28	75.93 3.38 -0.70	85.82 5.40 -1.09	99.74 7.08 -0.68	108.39 9.89 -0.53	176.96 12.43 -42.69	211.73 15.61 -44.57	284.19 22.26 -37.11	262.45 23.72 5.81	211.86 20.18 22.98	129.06 13.09 36.28	94.41 6.90 8.33	71.20 3.78 9.81	65.78 1.79 0.01
GOWANUS_GT4_6 24135	52.24 2.63 0.00	46.91 3.03 0.00	41.01 2.83 0.00	38.32 2.64 0.00	38.19 2.56 0.00	40.95 2.57 0.00	46.00 2.60 0.00	50.77 2.28 0.00	52.09 2.20 0.01	57.53 2.52 -0.32	64.30 2.58 -0.28	75.93 3.38 -0.70	85.82 5.40 -1.09	99.74 7.08 -0.68	108.39 9.89 -0.53	176.96 12.43 -42.69	211.73 15.61 -44.57	284.19 22.26 -37.11	262.45 23.72 5.81	211.86 20.18 22.98	129.06 13.09 36.28	94.41 6.90 8.33	71.20 3.78 9.81	65.78 1.79 0.01
GOWANUS_GT4_7 24136	52.24 2.63 0.00	46.91 3.03 0.00	41.01 2.83 0.00	38.32 2.64 0.00	38.19 2.56 0.00	40.95 2.57 0.00	46.00 2.60 0.00	50.77 2.28 0.00	52.09 2.20 0.01	57.53 2.52 -0.32	64.30 2.58 -0.28	75.93 3.38 -0.70	85.82 5.40 -1.09	99.74 7.08 -0.68	108.39 9.89 -0.53	176.96 12.43 -42.69	211.73 15.61 -44.57	284.19 22.26 -37.11	262.45 23.72 5.81	211.86 20.18 22.98	129.06 13.09 36.28	94.41 6.90 8.33	71.20 3.78 9.81	65.78 1.79 0.01
GOWANUS_GT4_8 24137	52.24 2.63 0.00	46.91 3.03 0.00	41.01 2.83 0.00	38.32 2.64 0.00	38.19 2.56 0.00	40.95 2.57 0.00	46.00 2.60 0.00	50.77 2.28 0.00	52.09 2.20 0.01	57.53 2.52 -0.32	64.30 2.58 -0.28	75.93 3.38 -0.70	85.82 5.40 -1.09	99.74 7.08 -0.68	108.39 9.89 -0.53	176.96 12.43 -42.69	211.73 15.61 -44.57	284.19 22.26 -37.11	262.45 23.72 5.81	211.86 20.18 22.98	129.06 13.09 36.28	94.41 6.90 8.33	71.20 3.78 9.81	65.78 1.79 0.01
GREATVR_69_KV_BK1 356245	51.28 1.69 0.02	47.62 3.73 0.00	41.85 3.67 0.00	38.96 3.28 0.00	38.68 3.06 0.00	41.60 3.22 0.00	46.13 2.73 0.00	50.52 2.04 0.00	51.45 1.95 0.39	52.38 2.13 4.44	64.32 2.76 -0.12	76.12 3.88 -0.38	88.06 7.62 -1.10	106.40 10.30 -4.12	116.72 13.52 -5.25	218.89 17.30 -79.74	268.00 21.67 -94.78	297.21 31.25 -41.14	271.30 33.50 6.74	250.83 28.34 -7.83	194.54 19.03 -23.26	105.71 9.87 0.00	82.42 6.26 1.06	67.08 3.26 0.18
GREENBSH_115KV_TB3 55895	49.27 -0.35 0.00	43.89 0.00 0.00	38.41 0.23 0.00	36.10 0.43 0.00	36.01 0.39 0.00	38.53 0.15 0.00	43.40 0.00 0.00	48.15 -0.34 0.00	49.45 -0.45 0.00	53.82 -0.60 0.26	60.48 -0.74 0.22	70.51 -0.79 0.55	78.25 -0.24 0.85	91.63 0.18 0.53	98.81 1.27 0.42	121.49 1.83 2.19	149.11 2.73 5.17	226.36 3.82 2.28	248.69 4.16 0.00	217.89 3.22 0.00	154.84 2.59 0.00	96.99 1.15 0.00	77.30 0.08 0.00	63.55 -0.45 0.00
GREENDGE_115KV_TB5 80291	51.95 2.33 0.00	45.77 1.89 0.00	39.79 1.60 0.00	36.92 1.25 0.00	36.90 1.28 0.00	39.49 1.11 0.00	44.53 1.13 0.00	49.60 1.12 0.00	50.90 1.00 0.00	56.05 1.37 0.00	63.28 1.84 0.00	73.79 1.94 0.00	82.04 2.70 0.00	94.73 2.76 0.00	101.39 3.43 0.00	126.60 4.75 0.00	155.94 4.39 0.00	228.87 4.05 0.00	251.14 6.60 0.00	222.18 7.51 0.00	157.58 5.33 0.00	99.10 3.26 0.00	80.39 3.17 0.00	66.62 2.62 0.00
GREENIDGE___3 23582	51.95 2.33 0.00	45.77 1.89 0.00	39.79 1.60 0.00	36.92 1.25 0.00	36.90 1.28 0.00	39.49 1.11 0.00	44.53 1.13 0.00	49.60 1.12 0.00	50.90 1.00 0.00	56.05 1.37 0.00	63.28 1.84 0.00	73.79 1.94 0.00	82.04 2.70 0.00	94.73 2.76 0.00	101.39 3.43 0.00	126.60 4.75 0.00	155.94 4.39 0.00	228.87 4.05 0.00	251.14 6.60 0.00	222.18 7.51 0.00	157.58 5.33 0.00	99.10 3.26 0.00	80.39 3.17 0.00	66.62 2.62 0.00
GREENIDGE___4 23583	51.95 2.33 0.00	45.81 1.93 0.00	39.79 1.60 0.00	37.03 1.36 0.00	36.90 1.28 0.00	39.53 1.15 0.00	44.53 1.13 0.00	49.60 1.12 0.00	51.10 1.20 0.00	56.05 1.37 0.00	63.28 1.84 0.00	73.80 1.94 0.00	81.96 2.61 0.00	94.83 2.85 0.00	101.39 3.43 0.00	126.60 4.75 0.00	155.94 4.40 0.00	229.08 4.26 0.00	251.14 6.60 0.00	222.17 7.51 0.00	157.43 5.18 0.00	99.19 3.35 0.00	80.39 3.17 0.00	66.88 2.88 0.00
GREENLWN_69_KV_BK 3 55738	49.64 0.05 0.02	46.43 2.55 0.00	40.78 2.60 0.00	38.00 2.32 0.00	37.72 2.10 0.00	40.56 2.19 0.00	45.09 1.69 0.00	49.31 0.82 0.00	49.85 0.35 0.40	50.58 0.38 4.48	61.99 0.68 0.12	72.31 1.29 0.84	84.90 4.28 -1.27	102.66 6.71 -3.97	100.96 9.40 6.40	112.92 12.06 21.00	263.10 15.31 -96.25	288.50 22.03 -41.65	261.99 23.48 6.02	208.92 19.32 25.07	129.20 12.48 35.53	101.67 5.85 0.01	77.05 3.17 3.34	63.88 0.83 0.94
GREENWD_138_KV_38B11_REV_LBMP_J 345004	52.24 2.63 0.00	46.91 3.03 0.00	41.01 2.83 0.00	38.32 2.64 0.00	38.19 2.56 0.00	40.95 2.57 0.00	46.00 2.60 0.00	50.77 2.28 0.00	52.10 2.20 0.00	57.54 2.52 -0.33	64.30 2.58 -0.28	75.93 3.38 -0.70	85.82 5.40 -1.09	99.74 7.08 -0.68	108.39 9.89 -0.53	176.96 12.43 -42.69	211.73 15.61 -44.57	284.19 22.26 -37.11	262.45 23.72 5.81	211.86 20.18 22.98	129.06 13.09 36.28	94.41 6.90 8.33	71.20 3.78 9.81	65.78 1.79 0.01
GRISSOM___SOLAR 323813	52.24 2.63 0.00	46.34 2.46 0.00	40.40 2.21 0.00	37.71 2.03 0.00	37.69 2.07 0.00	40.56 2.19 0.00	45.74 2.34 0.00	50.62 2.13 0.00	51.84 1.94 0.00	56.29 1.80 0.20	63.05 1.78 0.17	73.52 2.09 0.42	81.63 2.94 0.65	95.43 3.86 0.41	102.07 4.90 0.78	127.07 6.82 1.60	156.55 8.79 3.78	237.32 14.17 1.67	263.11 18.58 0.00	233.76 19.10 0.00	166.56 14.31 0.00	104.08 8.24 0.00	82.71 5.48 0.00	67.90 3.90 0.00
GROVEVILLE___HYD 323602	51.60 1.98 0.00	46.08 2.19 0.00	40.28 2.10 0.00	37.67 2.00 0.00	37.54 1.92 0.00	40.33 1.96 0.00	45.35 1.95 0.00	50.43 1.94 0.00	51.90 2.00 0.00	57.14 2.19 -0.27	64.13 2.46 -0.23	75.66 3.23 -0.57	85.15 4.92 -0.89	99.24 6.71 -0.56	107.60 9.21 -0.44	132.24 11.82 1.43	163.47 15.31 3.38	245.59 22.26 1.49	268.74 24.21 0.00	235.06 20.39 0.00	165.80 13.55 0.00	103.22 7.38 0.00	81.47 4.25 0.00	66.23 2.24 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	49.91 0.30 0.00	43.97 0.09 0.00	38.22 0.04 0.00	35.64 -0.04 0.00	35.58 -0.04 0.00	38.22 -0.15 0.00	43.18 -0.22 0.00	48.24 -0.24 0.00	49.75 -0.15 0.00	54.69 0.00 0.00	61.56 0.12 0.00	72.00 0.14 0.00	79.82 0.48 0.00	92.80 0.83 0.00	99.82 1.86 0.00	124.05 2.19 0.00	153.97 2.42 0.00	227.07 2.25 0.00	245.76 3.42 2.20	218.10 3.43 0.00	154.84 2.59 0.00	97.18 1.34 0.00	77.84 0.62 0.00	64.25 0.26 0.00
HAMLTNNY_34_KV_TB 80303	50.61 0.99 0.00	44.54 0.66 0.00	38.72 0.53 0.00	36.03 0.36 0.00	36.01 0.39 0.00	38.61 0.23 0.00	43.62 0.22 0.00	48.73 0.24 0.00	50.30 0.40 0.00	55.34 0.66 0.00	62.30 0.86 0.00	72.86 1.01 0.00	80.77 1.43 0.00	93.81 1.84 0.00	101.00 3.04 0.00	125.39 3.53 0.00	155.63 4.09 0.00	229.54 4.72 0.00	248.91 6.36 1.98	220.89 6.23 0.00	156.82 4.57 0.00	98.42 2.59 0.00	78.85 1.62 0.00	65.15 1.15 0.00

HAMPSHIRE___PAPER_HYD 323593	51.05 1.44 0.00	45.03 1.14 0.00	38.95 0.76 0.00	36.35 0.68 0.00	36.37 0.75 0.00	39.34 0.96 0.00	44.75 1.35 0.00	50.18 1.70 0.00	51.45 1.55 0.00	56.00 1.31 0.00	62.42 0.98 0.00	72.79 0.93 0.00	79.74 0.40 0.00	91.70 -0.28 0.00	94.82 -3.14 0.00	118.26 -3.65 -0.06	147.24 -4.24 0.06	222.57 -2.25 0.00	174.34 -3.19 67.01	212.98 -1.72 -0.04	151.60 -0.76 -0.11	95.74 -0.10 0.00	79.62 2.40 0.00	66.36 2.37 0.00
HARDSCRABBLE_WT_PWR 323673	50.80 1.19 0.00	45.03 1.14 0.00	39.17 0.99 0.00	36.57 0.89 0.00	36.58 0.96 0.00	39.41 1.04 0.00	44.53 1.13 0.00	49.75 1.26 0.00	51.20 1.30 0.00	56.11 1.42 0.00	63.04 1.59 0.00	73.72 1.87 0.00	81.64 2.30 0.00	95.00 3.03 0.00	101.59 3.63 0.00	126.36 4.51 0.00	156.99 5.45 0.00	232.68 7.86 0.00	251.29 8.79 2.03	222.38 7.72 0.00	157.58 5.33 0.00	99.19 3.35 0.00	79.47 2.24 0.00	65.60 1.60 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	51.40 1.79 0.00	45.90 2.02 0.00	40.13 1.95 0.00	37.50 1.82 0.00	37.37 1.75 0.00	40.14 1.77 0.00	45.18 1.78 0.00	50.23 1.75 0.00	51.65 1.75 0.00	57.00 2.02 -0.29	63.96 2.27 -0.25	75.49 3.02 -0.62	84.98 4.68 -0.95	99.01 6.44 -0.60	107.34 8.91 -0.47	153.20 11.33 -20.02	213.53 14.70 -47.29	266.80 21.13 -20.85	267.28 22.74 0.00	233.77 19.11 0.00	164.58 12.33 0.00	102.45 6.61 0.00	80.86 3.63 0.00	65.79 1.79 0.00
HARSNRAD_115KV_TB1 81005	52.44 2.83 0.00	45.42 1.54 0.00	39.71 1.53 0.00	36.64 0.96 0.00	36.65 1.03 0.00	38.72 0.35 0.00	42.75 -0.65 0.00	47.61 -0.87 0.00	49.85 -0.05 0.00	55.34 0.66 0.00	62.67 1.23 0.00	72.14 0.29 0.00	79.98 0.63 0.00	91.88 -0.09 0.00	100.51 2.55 0.00	123.43 1.58 0.00	150.63 -0.91 0.00	217.62 -7.19 0.00	238.18 -6.36 0.00	211.66 -3.01 0.00	150.27 -1.98 0.00	96.12 0.29 0.00	77.38 0.15 0.00	65.21 1.22 0.00
HARZA MOOSE___RIVER 24016	51.60 1.98 0.00	45.60 1.71 0.00	39.56 1.37 0.00	36.89 1.21 0.00	36.94 1.32 0.00	39.83 1.46 0.00	45.14 1.74 0.00	50.47 1.99 0.00	51.85 1.95 0.00	56.60 1.91 0.00	63.41 1.97 0.00	74.15 2.30 0.00	81.72 2.38 0.00	95.01 3.04 0.00	100.60 2.64 0.00	125.52 3.66 -0.02	156.38 4.85 0.02	233.59 8.77 0.00	236.27 10.27 18.53	224.33 9.66 -0.01	159.43 7.16 -0.03	99.96 4.12 0.00	81.17 3.94 0.00	66.94 2.94 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	49.71 0.10 0.00	43.84 -0.04 0.00	38.14 -0.04 0.00	35.53 -0.14 0.00	35.48 -0.14 0.00	38.11 -0.27 0.00	43.01 -0.39 0.00	48.05 -0.44 0.00	49.60 -0.30 0.00	54.52 -0.16 0.00	61.38 -0.06 0.00	71.78 -0.07 0.00	79.58 0.24 0.00	92.43 0.46 0.00	99.43 1.47 0.00	123.56 1.71 0.00	153.36 1.82 0.00	226.39 1.57 0.00	244.32 2.45 2.66	217.24 2.58 0.00	154.08 1.83 0.00	96.79 0.96 0.00	77.46 0.23 0.00	63.99 0.00 0.00
HELLGATE_13_KV_LD 55870	52.20 2.58 0.00	46.87 2.98 0.00	40.97 2.79 0.00	38.28 2.60 0.00	38.15 2.53 0.00	40.99 2.61 0.00	46.13 2.73 0.00	51.15 2.67 0.00	52.54 2.64 0.00	57.97 2.95 -0.33	64.43 2.70 -0.28	76.01 3.45 -0.70	85.90 5.47 -1.09	99.92 7.27 -0.68	108.59 10.09 -0.54	162.32 12.67 -27.80	233.27 16.06 -65.67	287.62 22.93 -39.87	264.91 24.70 4.32	220.91 20.61 14.37	142.66 13.25 22.83	95.91 7.00 6.93	70.45 3.78 10.56	63.17 1.79 2.62
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	52.20 2.58 0.00	46.87 2.98 0.00	40.97 2.79 0.00	38.28 2.60 0.00	38.15 2.53 0.00	40.99 2.61 0.00	46.13 2.73 0.00	51.15 2.67 0.00	52.54 2.64 0.00	57.97 2.95 -0.33	64.43 2.70 -0.28	76.01 3.45 -0.70	85.90 5.47 -1.09	99.92 7.27 -0.68	108.59 10.09 -0.54	162.32 12.67 -27.80	233.27 16.06 -65.67	287.62 22.93 -39.87	264.91 24.70 4.32	220.91 20.61 14.37	142.66 13.25 22.83	95.91 7.00 6.93	70.45 3.78 10.56	63.17 1.79 2.62
HEMPSTEAD____ 23647	50.79 1.19 0.01	46.47 2.59 0.00	40.89 2.71 0.00	38.10 2.43 0.00	37.90 2.28 0.00	40.68 2.30 0.00	45.40 2.00 0.00	49.36 0.87 0.00	51.05 1.35 0.20	54.20 1.64 2.12	63.62 1.91 -0.28	75.22 2.66 -0.70	86.22 5.79 -1.09	113.79 8.10 -13.72	121.59 10.58 -13.04	178.36 13.52 -42.98	270.35 17.27 -101.54	314.37 24.73 -64.82	270.96 26.42 -0.01	236.58 21.91 -0.01	166.72 14.47 0.00	103.33 7.48 -0.01	83.27 4.40 -1.64	65.86 1.86 -0.01
HICKLING___1 23621	52.44 2.83 0.00	45.95 2.06 0.00	39.94 1.76 0.00	37.07 1.39 0.00	37.05 1.42 0.00	39.57 1.19 0.00	44.53 1.13 0.00	49.41 0.92 0.00	51.45 1.55 0.00	56.76 2.08 0.00	64.27 2.83 0.00	74.80 2.95 0.00	83.23 3.89 0.00	96.30 4.32 0.00	104.52 6.56 0.00	129.40 7.55 0.00	159.12 7.58 0.00	232.69 7.87 0.00	254.81 10.27 0.00	225.61 10.95 0.00	159.71 7.46 0.00	100.72 4.89 0.00	80.55 3.32 0.00	67.00 3.01 0.00
HICKLING___2 23622	52.44 2.83 0.00	45.95 2.06 0.00	39.94 1.76 0.00	37.07 1.39 0.00	37.05 1.42 0.00	39.57 1.19 0.00	44.53 1.13 0.00	49.41 0.92 0.00	51.45 1.55 0.00	56.76 2.08 0.00	64.27 2.83 0.00	74.80 2.95 0.00	83.23 3.89 0.00	96.30 4.32 0.00	104.52 6.56 0.00	129.40 7.55 0.00	159.12 7.58 0.00	232.69 7.87 0.00	254.81 10.27 0.00	225.61 10.95 0.00	159.71 7.46 0.00	100.72 4.89 0.00	80.55 3.32 0.00	67.00 3.01 0.00
HIGH FALLS___HY 23754	51.80 2.18 0.00	46.21 2.33 0.00	40.40 2.21 0.00	37.71 2.03 0.00	37.58 1.96 0.00	40.41 2.03 0.00	45.48 2.08 0.00	50.62 2.13 0.00	52.05 2.15 0.00	57.22 2.35 -0.18	64.24 2.64 -0.15	75.66 3.45 -0.36	84.65 5.24 -0.07	97.96 6.99 1.00	107.38 9.70 0.28	133.66 12.43 0.62	167.35 16.22 0.41	241.68 24.06 7.19	262.42 26.41 8.53	236.99 22.33 0.00	166.86 14.62 0.00	103.41 8.05 0.48	81.86 4.63 0.00	66.49 2.50 0.00
HIGH_RIVER___SOLAR 323847	51.20 1.59 0.00	45.46 1.58 0.00	39.67 1.49 0.00	37.03 1.36 0.00	37.01 1.39 0.00	39.80 1.42 0.00	44.79 1.39 0.00	49.51 1.02 0.00	50.55 0.65 0.00	54.75 0.27 0.21	61.38 0.12 0.18	71.55 0.14 0.45	79.44 0.79 0.70	92.92 1.38 0.44	99.35 2.25 0.86	123.23 3.16 1.78	151.72 4.40 4.22	231.04 8.08 1.86	256.27 11.74 0.00	227.11 12.45 0.00	161.85 9.60 0.00	101.30 5.46 0.00	80.71 3.48 0.00	66.23 2.24 0.00
HILLBURN___GT 23639	51.25 1.63 0.00	45.86 1.98 0.00	40.13 1.95 0.00	37.46 1.78 0.00	37.37 1.74 0.00	40.14 1.77 0.00	45.14 1.74 0.00	50.14 1.65 0.00	51.50 1.60 0.00	56.90 1.91 -0.30	63.85 2.15 -0.26	75.29 2.80 -0.64	85.00 4.68 -0.98	99.03 6.44 -0.62	113.96 8.72 -7.29	156.45 11.20 -23.39	221.21 14.40 -55.26	269.42 20.24 -24.36	266.06 21.52 0.00	232.70 18.03 0.00	163.81 11.57 0.00	101.88 6.04 0.00	80.39 3.17 0.00	65.34 1.35 0.00
HILLSIDE_115KV_TB1 80332	51.50 1.89 0.00	45.16 1.27 0.00	39.33 1.15 0.00	36.53 0.86 0.00	36.51 0.89 0.00	38.99 0.61 0.00	43.83 0.43 0.00	48.63 0.15 0.00	50.35 0.45 0.00	55.62 0.93 0.00	62.79 1.35 0.00	73.15 1.29 0.00	81.48 2.14 0.00	94.27 2.30 0.00	102.17 4.21 0.00	126.72 4.87 0.00	156.54 5.00 0.00	228.87 4.05 0.00	250.40 5.87 0.00	221.53 6.87 0.00	156.51 4.26 0.00	98.81 2.97 0.00	79.00 1.78 0.00	65.72 1.73 0.00

HISHELDN_WT_PWR 323625	52.59 2.98 0.00	45.77 1.89 0.00	39.90 1.72 0.00	37.07 1.39 0.00	36.90 1.28 0.00	39.22 0.84 0.00	43.53 0.13 0.00	48.39 -0.10 0.00	50.80 0.90 0.00	55.89 1.20 0.00	63.35 1.91 0.00	73.37 1.51 0.00	81.33 1.98 0.00	93.91 1.93 0.00	102.47 4.51 0.00	126.11 4.26 0.00	154.57 3.03 0.00	224.15 -0.67 0.00	245.52 0.98 0.00	218.53 3.87 0.00	154.83 2.59 0.00	98.62 2.78 0.00	79.08 1.85 0.00	66.88 2.88 0.00
HOLTSVILLE_IC_1 23690	50.14 0.55 0.02	46.56 2.68 0.00	41.08 2.90 0.00	38.21 2.53 0.00	38.01 2.39 0.00	40.80 2.42 0.00	45.31 1.91 0.00	48.63 0.15 0.00	50.24 0.75 0.40	50.95 0.87 4.61	62.81 1.23 -0.14	74.12 2.01 -0.26	86.07 5.63 -1.09	103.50 8.28 -3.25	127.35 10.68 -18.71	223.25 13.64 -87.75	262.49 16.52 -94.42	287.74 23.60 -39.32	262.87 25.43 7.10	246.84 21.91 -10.27	195.04 14.76 -28.03	103.22 7.38 0.00	80.57 4.32 0.98	65.39 1.66 0.27
HOLTSVILLE_IC_10 23699	50.49 0.89 0.02	46.83 2.94 0.00	41.31 3.13 0.00	38.42 2.75 0.00	38.19 2.57 0.00	40.99 2.61 0.00	45.53 2.13 0.00	48.87 0.39 0.00	50.55 1.05 0.40	51.38 1.26 4.57	63.26 1.72 -0.10	74.57 2.58 -0.14	86.86 6.42 -1.09	104.71 9.29 -3.45	132.52 11.85 -22.71	258.60 15.11 -121.65	263.93 17.87 -94.51	290.40 25.84 -39.74	265.15 27.62 7.01	260.32 24.04 -21.62	216.47 16.45 -47.78	104.18 8.33 -0.01	80.91 5.02 1.33	65.83 2.18 0.34
HOLTSVILLE_IC_2 23691	50.14 0.55 0.02	46.56 2.68 0.00	41.08 2.90 0.00	38.21 2.53 0.00	38.01 2.39 0.00	40.80 2.42 0.00	45.31 1.91 0.00	48.63 0.15 0.00	50.24 0.75 0.40	50.95 0.87 4.61	62.81 1.23 -0.14	74.12 2.01 -0.26	86.07 5.63 -1.09	103.50 8.28 -3.25	127.35 10.68 -18.71	223.25 13.64 -87.75	262.49 16.52 -94.42	287.74 23.60 -39.32	262.87 25.43 7.10	246.84 21.91 -10.27	195.04 14.76 -28.03	103.22 7.38 0.00	80.57 4.32 0.98	65.39 1.66 0.27
HOLTSVILLE_IC_3 23692	50.14 0.55 0.02	46.56 2.68 0.00	41.08 2.90 0.00	38.21 2.53 0.00	38.01 2.39 0.00	40.80 2.42 0.00	45.31 1.91 0.00	48.63 0.15 0.00	50.24 0.75 0.40	50.95 0.87 4.61	62.81 1.23 -0.14	74.12 2.01 -0.26	86.07 5.63 -1.09	103.50 8.28 -3.25	127.35 10.68 -18.71	223.25 13.64 -87.75	262.49 16.52 -94.42	287.74 23.60 -39.32	262.87 25.43 7.10	246.84 21.91 -10.27	195.04 14.76 -28.03	103.22 7.38 0.00	80.57 4.32 0.98	65.39 1.66 0.27
HOLTSVILLE_IC_4 23693	50.14 0.55 0.02	46.56 2.68 0.00	41.08 2.90 0.00	38.21 2.53 0.00	38.01 2.39 0.00	40.80 2.42 0.00	45.31 1.91 0.00	48.63 0.15 0.00	50.24 0.75 0.40	50.95 0.87 4.61	62.81 1.23 -0.14	74.12 2.01 -0.26	86.07 5.63 -1.09	103.50 8.28 -3.25	127.35 10.68 -18.71	223.25 13.64 -87.75	262.49 16.52 -94.42	287.74 23.60 -39.32	262.87 25.43 7.10	246.84 21.91 -10.27	195.04 14.76 -28.03	103.22 7.38 0.00	80.57 4.32 0.98	65.39 1.66 0.27
HOLTSVILLE_IC_5 23694	50.14 0.55 0.02	46.56 2.68 0.00	41.08 2.90 0.00	38.21 2.53 0.00	38.01 2.39 0.00	40.80 2.42 0.00	45.31 1.91 0.00	48.63 0.15 0.00	50.24 0.75 0.40	50.95 0.87 4.61	62.81 1.23 -0.14	74.12 2.01 -0.26	86.07 5.63 -1.09	103.50 8.28 -3.25	127.35 10.68 -18.71	223.25 13.64 -87.75	262.49 16.52 -94.42	287.74 23.60 -39.32	262.87 25.43 7.10	246.84 21.91 -10.27	195.04 14.76 -28.03	103.22 7.38 0.00	80.57 4.32 0.98	65.39 1.66 0.27
HOLTSVILLE_IC_6 23695	50.49 0.89 0.02	46.83 2.94 0.00	41.31 3.13 0.00	38.42 2.75 0.00	38.19 2.57 0.00	40.99 2.61 0.00	45.53 2.13 0.00	48.87 0.39 0.00	50.55 1.05 0.40	51.38 1.26 4.57	63.26 1.72 -0.10	74.57 2.58 -0.14	86.86 6.42 -1.09	104.71 9.29 -3.45	132.52 11.85 -22.71	258.60 15.11 -121.65	263.93 17.87 -94.51	290.40 25.84 -39.74	265.15 27.62 7.01	260.32 24.04 -21.62	216.47 16.45 -47.78	104.18 8.33 -0.01	80.91 5.02 1.33	65.83 2.18 0.34
HOLTSVILLE_IC_7 23696	50.49 0.89 0.02	46.83 2.94 0.00	41.31 3.13 0.00	38.42 2.75 0.00	38.19 2.57 0.00	40.99 2.61 0.00	45.53 2.13 0.00	48.87 0.39 0.00	50.55 1.05 0.40	51.38 1.26 4.57	63.26 1.72 -0.10	74.57 2.58 -0.14	86.86 6.42 -1.09	104.71 9.29 -3.45	132.52 11.85 -22.71	258.60 15.11 -121.65	263.93 17.87 -94.51	290.40 25.84 -39.74	265.15 27.62 7.01	260.32 24.04 -21.62	216.47 16.45 -47.78	104.18 8.33 -0.01	80.91 5.02 1.33	65.83 2.18 0.34
HOLTSVILLE_IC_8 23697	50.49 0.89 0.02	46.83 2.94 0.00	41.31 3.13 0.00	38.42 2.75 0.00	38.19 2.57 0.00	40.99 2.61 0.00	45.53 2.13 0.00	48.87 0.39 0.00	50.55 1.05 0.40	51.38 1.26 4.57	63.26 1.72 -0.10	74.57 2.58 -0.14	86.86 6.42 -1.09	104.71 9.29 -3.45	132.52 11.85 -22.71	258.60 15.11 -121.65	263.93 17.87 -94.51	290.40 25.84 -39.74	265.15 27.62 7.01	260.32 24.04 -21.62	216.47 16.45 -47.78	104.18 8.33 -0.01	80.91 5.02 1.33	65.83 2.18 0.34
HOLTSVILLE_IC_9 23698	50.49 0.89 0.02	46.83 2.94 0.00	41.31 3.13 0.00	38.42 2.75 0.00	38.19 2.57 0.00	40.99 2.61 0.00	45.53 2.13 0.00	48.87 0.39 0.00	50.55 1.05 0.40	51.38 1.26 4.57	63.26 1.72 -0.10	74.57 2.58 -0.14	86.86 6.42 -1.09	104.71 9.29 -3.45	132.52 11.85 -22.71	258.60 15.11 -121.65	263.93 17.87 -94.51	290.40 25.84 -39.74	265.15 27.62 7.01	260.32 24.04 -21.62	216.47 16.45 -47.78	104.18 8.33 -0.01	80.91 5.02 1.33	65.83 2.18 0.34
HOMER_HL_115KV_TB2 355744	52.04 2.43 0.00	45.25 1.36 0.00	39.44 1.26 0.00	36.50 0.82 0.00	36.48 0.85 0.00	38.72 0.35 0.00	43.44 0.04 0.00	48.20 -0.29 0.00	50.40 0.50 0.00	55.94 1.26 0.00	63.41 1.97 0.00	73.51 1.65 0.00	82.04 2.70 0.00	94.27 2.30 0.00	103.35 5.39 0.00	127.58 5.73 0.00	156.85 5.30 0.00	225.72 0.90 0.00	246.98 2.45 0.00	219.60 4.94 0.00	154.53 2.28 0.00	97.95 2.11 0.00	78.31 1.08 0.00	65.79 1.79 0.00
HOWARD_WT_PWR 323690	53.09 3.47 0.00	46.39 2.50 0.00	40.28 2.10 0.00	37.49 1.82 0.00	37.40 1.78 0.00	39.95 1.57 0.00	44.79 1.39 0.00	49.65 1.16 0.00	51.65 1.75 0.00	56.71 2.02 0.00	64.21 2.77 0.00	74.58 2.73 0.00	82.91 3.57 0.00	95.75 3.77 0.00	103.93 5.98 0.00	128.67 6.82 0.00	158.52 6.97 0.00	231.34 6.52 0.00	254.33 9.79 0.00	226.46 11.80 0.00	160.62 8.37 0.00	101.59 5.75 0.00	81.47 4.24 0.00	68.22 4.22 0.00
HQ_GEN_CEDARS 23644	49.91 0.30 0.00	44.02 0.13 0.00	38.07 -0.11 0.00	35.60 -0.07 0.00	35.55 -0.07 0.00	38.53 0.15 0.00	43.88 0.48 0.00	49.31 0.82 0.00	50.65 0.75 0.00	55.40 0.71 0.00	62.05 0.61 0.00	72.21 0.36 0.00	78.71 -0.63 0.00	90.50 -1.47 0.00	91.98 -5.98 0.00	91.98 -7.55 22.32	91.98 -9.24 50.31	216.50 -8.32 0.00	91.98 -13.45 139.11	91.98 -11.59 111.09	92.06 -8.07 52.12	92.00 -3.83 0.00	77.15 -0.08 0.00	64.83 0.83 0.00
HQ_GEN_CEDARS_PROXY 323590	49.91 0.30 0.00	44.02 0.13 0.00	38.07 -0.11 0.00	35.57 -0.11 0.00	35.55 -0.07 0.00	38.53 0.15 0.00	43.88 0.48 0.00	49.41 0.92 0.00	50.65 0.75 0.00	55.40 0.71 0.00	62.05 0.61 0.00	72.22 0.36 0.00	78.70 -0.64 0.00	89.86 -2.11 0.00	91.98 -5.98 0.00	91.98 -7.55 22.32	91.98 -9.25 50.31	216.51 -8.31 0.00	91.98 -13.45 139.11	91.98 -11.60 111.09	91.98 -8.07 52.19	91.98 -3.93 -0.08	77.15 -0.08 0.00	64.82 0.83 0.00

HQ_GEN_IMPORT 323601	49.42 -0.20 0.00	43.58 -0.31 0.00	37.76 -0.42 0.00	35.28 -0.39 0.00	35.26 -0.36 0.00	38.19 -0.19 0.00	43.40 0.00 0.00	48.68 0.19 0.00	50.00 0.10 0.00	54.80 0.11 0.00	61.56 0.12 0.00	73.98 0.07 -2.06	76.57 -0.72 2.06	90.41 -1.56 0.00	94.82 -3.14 0.00	117.94 -3.90 0.00	146.85 -4.70 0.00	218.97 -5.85 0.00	242.01 -7.10 -4.57	208.43 -6.23 0.00	147.74 -4.42 0.08	90.41 -2.30 3.13	76.57 -0.70 -0.04	67.16 0.00 -3.16
HQ_GEN_WHEEL 23651	49.42 -0.20 0.00	43.58 -0.31 0.00	37.76 -0.42 0.00	35.28 -0.39 0.00	35.26 -0.36 0.00	38.19 -0.19 0.00	43.40 0.00 0.00	48.68 0.19 0.00	50.00 0.10 0.00	54.80 0.11 0.00	61.56 0.12 0.00	73.98 0.07 -2.06	76.57 -0.72 2.06	90.41 -1.56 0.00	94.82 -3.14 0.00	117.94 -3.90 0.00	146.85 -4.70 0.00	218.97 -5.85 0.00	242.01 -7.10 -4.57	208.43 -6.23 0.00	147.74 -4.42 0.08	90.41 -2.30 3.13	76.57 -0.70 -0.04	67.16 0.00 -3.16
HUDSON AVE_GT_3 23810	51.80 2.18 0.00	46.48 2.59 0.00	40.63 2.44 0.00	37.96 2.28 0.00	37.83 2.21 0.00	40.64 2.26 0.00	45.74 2.34 0.00	50.96 2.47 0.00	52.49 2.59 0.00	57.86 2.84 -0.33	64.73 3.01 -0.28	76.29 3.74 -0.70	86.14 5.71 -1.09	100.29 7.63 -0.68	108.97 10.48 -0.53	177.61 13.16 -42.60	268.86 16.67 -100.65	292.79 23.61 -44.37	269.72 25.19 0.00	235.92 21.25 0.00	165.80 13.55 0.00	103.02 7.19 0.00	81.24 4.02 0.00	65.98 1.98 0.00
HUDSON AVE_GT_4 23540	51.80 2.18 0.00	46.48 2.59 0.00	40.63 2.44 0.00	37.96 2.28 0.00	37.83 2.21 0.00	40.64 2.26 0.00	45.74 2.34 0.00	50.96 2.47 0.00	52.49 2.59 0.00	57.86 2.84 -0.33	64.73 3.01 -0.28	76.29 3.74 -0.70	86.14 5.71 -1.09	100.29 7.63 -0.68	108.97 10.48 -0.53	177.61 13.16 -42.60	268.86 16.67 -100.65	292.79 23.61 -44.37	269.72 25.19 0.00	235.92 21.25 0.00	165.80 13.55 0.00	103.02 7.19 0.00	81.24 4.02 0.00	65.98 1.98 0.00
HUDSON AVE_GT_5 23657	51.80 2.18 0.00	46.48 2.59 0.00	40.63 2.44 0.00	37.96 2.28 0.00	37.83 2.21 0.00	40.64 2.26 0.00	45.74 2.34 0.00	50.96 2.47 0.00	52.49 2.59 0.00	57.86 2.84 -0.33	64.73 3.01 -0.28	76.29 3.74 -0.70	86.14 5.71 -1.09	100.29 7.63 -0.68	108.97 10.48 -0.53	177.61 13.16 -42.60	268.86 16.67 -100.65	292.79 23.61 -44.37	269.72 25.19 0.00	235.92 21.25 0.00	165.80 13.55 0.00	103.02 7.19 0.00	81.24 4.02 0.00	65.98 1.98 0.00
HUDSON_AVE_10 24168	51.70 2.08 0.00	46.39 2.50 0.00	40.55 2.37 0.00	37.89 2.21 0.00	37.72 2.10 0.00	40.56 2.19 0.00	45.66 2.26 0.00	50.91 2.42 0.00	52.44 2.54 0.00	57.75 2.73 -0.33	64.55 2.83 -0.28	76.08 3.52 -0.70	85.90 5.47 -1.09	100.01 7.36 -0.68	108.68 10.19 -0.53	179.12 12.79 -44.48	272.47 16.22 -104.72	297.70 23.16 -49.73	273.30 24.70 -4.06	238.77 20.82 -3.29	165.65 13.40 0.00	102.83 7.00 0.00	81.09 3.86 0.00	65.85 1.86 0.00
HUDSON___115KV_TB 4 355613	50.21 0.60 0.00	44.63 0.75 0.00	39.02 0.84 0.00	36.60 0.93 0.00	36.51 0.89 0.00	39.14 0.77 0.00	44.09 0.69 0.00	48.92 0.44 0.00	49.95 0.05 0.00	54.57 0.05 0.18	61.17 -0.12 0.15	71.38 0.00 0.47	77.42 0.63 2.56	87.60 1.20 5.57	97.95 2.45 2.45	115.91 3.66 9.60	138.47 5.61 18.68	198.98 8.99 34.83	223.19 11.00 32.35	224.10 9.45 0.02	159.54 7.31 0.02	97.96 3.93 1.81	79.08 1.85 0.00	64.89 0.90 0.00
HUNTER MOUNT___DRP 323613	50.26 0.64 0.00	44.63 0.75 0.00	39.02 0.84 0.00	36.57 0.89 0.00	36.51 0.89 0.00	39.11 0.73 0.00	44.09 0.69 0.00	48.87 0.39 0.00	49.95 0.05 0.00	54.90 0.33 0.11	61.47 0.12 0.09	71.84 0.36 0.38	77.12 1.03 3.25	85.91 1.75 7.81	97.66 3.04 3.33	113.61 4.51 12.75	133.89 6.67 24.32	186.42 11.02 49.41	211.16 13.69 47.07	226.02 11.38 0.02	161.06 8.83 0.02	98.19 4.98 2.63	79.54 2.32 0.00	65.21 1.22 0.00
HUNTINGTON_RES_REC 323705	50.04 0.45 0.02	46.56 2.68 0.00	41.05 2.87 0.00	38.17 2.50 0.00	37.93 2.31 0.00	40.72 2.34 0.00	45.31 1.91 0.00	48.44 -0.05 0.00	50.05 0.55 0.40	50.84 0.71 4.55	62.24 1.04 0.24	72.44 1.87 1.28	85.51 5.47 -0.70	103.04 8.10 -2.97	170.10 10.68 -61.47	589.56 13.76 -453.95	259.77 17.12 -91.11	286.79 24.95 -37.02	262.08 26.42 8.87	367.49 22.12 -130.71	408.66 14.62 -241.79	102.96 7.09 -0.03	76.76 4.01 4.48	64.25 1.47 1.22
HUNTLEY___63 23557	52.84 3.22 0.00	45.77 1.89 0.00	39.98 1.79 0.00	36.89 1.21 0.00	36.90 1.28 0.00	38.99 0.61 0.00	43.23 -0.17 0.00	48.29 -0.19 0.00	50.55 0.65 0.00	56.22 1.53 0.00	63.47 2.03 0.00	73.29 1.44 0.00	81.40 2.06 0.00	93.35 1.38 0.00	102.27 4.31 0.00	125.63 3.78 0.00	153.36 1.82 0.00	221.45 -3.37 0.00	242.09 -2.45 0.00	215.31 0.64 0.00	152.55 0.30 0.00	97.47 1.63 0.00	78.46 1.24 0.00	66.04 2.05 0.00
HUNTLEY___64 23558	52.84 3.22 0.00	45.77 1.89 0.00	39.98 1.79 0.00	36.89 1.21 0.00	36.90 1.28 0.00	38.99 0.61 0.00	43.23 -0.17 0.00	48.29 -0.19 0.00	50.55 0.65 0.00	56.22 1.53 0.00	63.47 2.03 0.00	73.29 1.44 0.00	81.40 2.06 0.00	93.35 1.38 0.00	102.27 4.31 0.00	125.63 3.78 0.00	153.36 1.82 0.00	221.45 -3.37 0.00	242.09 -2.45 0.00	215.31 0.64 0.00	152.55 0.30 0.00	97.47 1.63 0.00	78.46 1.24 0.00	66.04 2.05 0.00
HUNTLEY___65 23559	52.84 3.22 0.00	45.77 1.89 0.00	39.98 1.79 0.00	36.89 1.21 0.00	36.90 1.28 0.00	38.99 0.61 0.00	43.23 -0.17 0.00	48.29 -0.19 0.00	50.55 0.65 0.00	56.22 1.53 0.00	63.47 2.03 0.00	73.29 1.44 0.00	81.40 2.06 0.00	93.35 1.38 0.00	102.27 4.31 0.00	125.63 3.78 0.00	153.36 1.82 0.00	221.45 -3.37 0.00	242.09 -2.45 0.00	215.31 0.64 0.00	152.55 0.30 0.00	97.47 1.63 0.00	78.46 1.24 0.00	66.04 2.05 0.00
HUNTLEY___66 23560	52.84 3.22 0.00	45.77 1.89 0.00	39.98 1.79 0.00	36.89 1.21 0.00	36.90 1.28 0.00	38.99 0.61 0.00	43.23 -0.17 0.00	48.29 -0.19 0.00	50.55 0.65 0.00	56.22 1.53 0.00	63.47 2.03 0.00	73.29 1.44 0.00	81.40 2.06 0.00	93.35 1.38 0.00	102.27 4.31 0.00	125.63 3.78 0.00	153.36 1.82 0.00	221.45 -3.37 0.00	242.09 -2.45 0.00	215.31 0.64 0.00	152.55 0.30 0.00	97.47 1.63 0.00	78.46 1.24 0.00	66.04 2.05 0.00
HUNTLEY___67 23561	52.39 2.78 0.00	45.47 1.58 0.00	39.71 1.53 0.00	36.64 0.96 0.00	36.69 1.07 0.00	38.76 0.38 0.00	43.01 -0.39 0.00	48.00 -0.48 0.00	50.25 0.35 0.00	55.78 1.09 0.00	63.22 1.78 0.00	73.08 1.22 0.00	81.17 1.82 0.00	93.35 1.38 0.00	102.07 4.11 0.00	125.51 3.66 0.00	153.36 1.82 0.00	221.45 -3.37 0.00	242.09 -2.45 0.00	215.09 0.43 0.00	152.55 0.30 0.00	97.47 1.63 0.00	78.23 1.00 0.00	65.85 1.86 0.00
HUNTLEY___68 23562	52.39 2.78 0.00	45.47 1.58 0.00	39.71 1.53 0.00	36.64 0.96 0.00	36.69 1.07 0.00	38.76 0.38 0.00	43.01 -0.39 0.00	48.00 -0.48 0.00	50.25 0.35 0.00	55.78 1.09 0.00	63.22 1.78 0.00	73.08 1.22 0.00	81.17 1.82 0.00	93.35 1.38 0.00	102.07 4.11 0.00	125.51 3.66 0.00	153.36 1.82 0.00	221.45 -3.37 0.00	242.09 -2.45 0.00	215.09 0.43 0.00	152.55 0.30 0.00	97.47 1.63 0.00	78.23 1.00 0.00	65.85 1.86 0.00

HYLAND___LFGE 323620	53.63 4.02 0.00	46.70 2.81 0.00	40.47 2.29 0.00	37.60 1.93 0.00	37.47 1.85 0.00	40.06 1.69 0.00	44.75 1.35 0.00	49.65 1.16 0.00	50.75 0.85 0.00	55.23 0.55 0.00	61.63 0.18 0.00	71.43 -0.43 0.00	79.10 -0.24 0.00	86.55 -5.43 0.00	94.92 -3.04 0.00	117.71 -4.14 0.00	146.24 -5.31 0.00	214.48 -10.34 0.00	240.38 -4.16 0.00	215.31 0.65 0.00	155.45 3.20 0.00	98.62 2.78 0.00	82.94 5.71 0.00	69.12 5.12 0.00
INDECK___CORINTH 23802	50.80 1.19 0.00	45.11 1.23 0.00	39.52 1.34 0.00	36.89 1.21 0.00	36.83 1.21 0.00	39.60 1.23 0.00	44.61 1.21 0.00	49.60 1.12 0.00	51.05 1.15 0.00	55.44 1.04 0.29	61.63 0.43 0.24	71.89 0.65 0.60	79.75 1.35 0.94	93.59 2.20 0.59	99.85 2.94 1.05	124.46 4.63 2.02	153.43 6.66 4.77	233.06 10.35 2.10	259.45 14.92 0.00	228.83 14.16 0.00	163.36 11.11 0.00	101.68 5.85 0.00	80.86 3.63 0.00	66.23 2.24 0.00
INDECK___ILION 23567	50.36 0.74 0.00	44.63 0.75 0.00	38.83 0.65 0.00	36.28 0.61 0.00	36.26 0.64 0.00	39.03 0.65 0.00	44.09 0.69 0.00	49.26 0.78 0.00	50.70 0.80 0.00	55.51 0.82 0.00	62.36 0.92 0.00	73.00 1.15 0.00	80.85 1.51 0.00	93.91 1.93 0.00	100.60 2.64 0.00	125.14 3.29 0.00	155.63 4.09 0.00	230.66 5.85 0.00	249.10 6.60 2.03	220.25 5.58 0.00	156.21 3.96 0.00	98.14 2.30 0.00	78.69 1.47 0.00	64.95 0.96 0.00
INDECK___OLEAN 23982	52.04 2.43 0.00	45.33 1.45 0.00	39.44 1.26 0.00	36.64 0.96 0.00	36.47 0.85 0.00	38.84 0.46 0.00	43.44 0.04 0.00	48.15 -0.34 0.00	50.70 0.80 0.00	55.95 1.26 0.00	63.47 2.02 0.00	73.51 1.65 0.00	81.88 2.54 0.00	94.46 2.48 0.00	103.34 5.38 0.00	127.58 5.73 0.00	156.70 5.16 0.00	225.72 0.90 0.00	246.98 2.45 0.00	219.61 4.94 0.00	154.38 2.13 0.00	98.04 2.21 0.00	78.23 1.00 0.00	66.23 2.24 0.00
INDECK___OSWEGO 23783	49.17 -0.45 0.00	43.40 -0.48 0.00	37.76 -0.42 0.00	35.25 -0.43 0.00	35.16 -0.46 0.00	37.80 -0.57 0.00	42.66 -0.74 0.00	47.66 -0.82 0.00	48.75 -1.15 0.00	53.37 -1.31 0.00	60.03 -1.41 0.00	70.20 -1.65 0.00	77.75 -1.59 0.00	90.41 -1.56 0.00	96.88 -1.08 0.00	120.40 -1.46 0.00	149.57 -1.97 0.00	221.21 -3.61 0.00	237.10 -3.19 4.25	212.38 -2.36 -0.08	150.77 -1.52 -0.04	94.69 -1.15 0.00	75.99 -1.24 0.00	62.78 -1.22 0.00
INDECK___YERKES 23781	52.89 3.27 0.00	45.91 2.02 0.00	40.01 1.83 0.00	37.14 1.46 0.00	36.94 1.32 0.00	39.14 0.77 0.00	43.23 -0.17 0.00	48.29 -0.19 0.00	51.05 1.15 0.00	56.27 1.59 0.00	63.47 2.02 0.00	73.29 1.44 0.00	81.24 1.90 0.00	93.36 1.38 0.00	102.26 4.31 0.00	125.63 3.78 0.00	153.37 1.83 0.00	221.45 -3.37 0.00	242.09 -2.45 0.00	215.10 0.43 0.00	152.55 0.31 0.00	97.46 1.63 0.00	78.46 1.23 0.00	66.68 2.69 0.00
INDIAN POINT_GT_1 24139	51.20 1.59 0.00	45.90 2.02 0.00	40.13 1.95 0.00	37.53 1.86 0.00	37.40 1.78 0.00	40.18 1.80 0.00	45.14 1.74 0.00	50.23 1.75 0.00	51.60 1.70 0.00	56.87 1.86 -0.33	63.81 2.09 -0.28	75.28 2.73 -0.69	84.85 4.44 -1.07	98.71 6.07 -0.67	107.10 8.62 -0.53	167.75 10.97 -34.93	248.16 14.09 -82.52	281.21 20.01 -36.38	265.81 21.27 0.00	232.27 17.60 0.00	163.67 11.42 0.00	101.87 6.04 0.00	80.39 3.17 0.00	65.40 1.41 0.00
INDIAN POINT_GT_2 23659	51.20 1.59 0.00	45.90 2.02 0.00	40.13 1.95 0.00	37.53 1.86 0.00	37.40 1.78 0.00	40.18 1.80 0.00	45.14 1.74 0.00	50.23 1.75 0.00	51.60 1.70 0.00	56.87 1.86 -0.33	63.81 2.09 -0.28	75.28 2.73 -0.69	84.85 4.44 -1.07	98.71 6.07 -0.67	107.10 8.62 -0.53	167.75 10.97 -34.93	248.16 14.09 -82.52	281.21 20.01 -36.38	265.81 21.27 0.00	232.27 17.60 0.00	163.67 11.42 0.00	101.87 6.04 0.00	80.39 3.17 0.00	65.40 1.41 0.00
INDIAN POINT_GT_3 24019	51.20 1.59 0.00	45.90 2.02 0.00	40.13 1.95 0.00	37.53 1.86 0.00	37.40 1.78 0.00	40.18 1.80 0.00	45.14 1.74 0.00	50.23 1.75 0.00	51.60 1.70 0.00	56.87 1.86 -0.33	63.81 2.09 -0.28	75.28 2.73 -0.69	84.85 4.44 -1.07	98.71 6.07 -0.67	107.10 8.62 -0.53	167.75 10.97 -34.93	248.16 14.09 -82.52	281.21 20.01 -36.38	265.81 21.27 0.00	232.27 17.60 0.00	163.67 11.42 0.00	101.87 6.04 0.00	80.39 3.17 0.00	65.40 1.41 0.00
INDIAN POINT___2 23530	51.20 1.59 0.00	45.81 1.93 0.00	40.09 1.91 0.00	37.46 1.78 0.00	37.37 1.74 0.00	40.11 1.73 0.00	45.09 1.69 0.00	50.08 1.60 0.00	51.45 1.55 0.00	56.86 1.86 -0.32	63.73 2.02 -0.27	75.18 2.66 -0.67	84.82 4.44 -1.04	98.88 6.26 -0.65	116.14 8.43 -9.75	164.47 10.84 -31.78	240.41 13.79 -75.08	277.47 19.55 -33.10	265.31 20.77 0.00	232.05 17.38 0.00	163.36 11.11 0.00	101.68 5.85 0.00	80.24 3.01 0.00	65.21 1.21 0.00
INDIAN POINT___3 23531	51.15 1.54 0.00	45.82 1.93 0.00	40.05 1.87 0.00	37.46 1.78 0.00	37.33 1.71 0.00	40.10 1.73 0.00	45.09 1.69 0.00	50.14 1.65 0.00	51.50 1.60 0.00	56.76 1.75 -0.33	63.68 1.97 -0.28	75.06 2.51 -0.69	84.70 4.28 -1.07	98.44 5.79 -0.67	106.71 8.23 -0.53	166.76 10.60 -34.31	246.10 13.49 -81.07	279.67 19.11 -35.74	264.83 20.30 0.00	231.62 16.96 0.00	163.21 10.96 0.00	101.59 5.75 0.00	80.16 2.93 0.00	65.27 1.28 0.00
INGHAM_C_115KV_TB7 356103	51.05 1.44 0.00	45.20 1.32 0.00	39.37 1.18 0.00	36.75 1.07 0.00	36.76 1.14 0.00	39.57 1.19 0.00	44.75 1.35 0.00	49.99 1.50 0.00	51.40 1.50 0.00	56.33 1.64 0.00	63.28 1.84 0.00	74.01 2.16 0.00	81.96 2.62 0.00	95.29 3.31 0.00	101.98 4.02 0.00	126.97 5.12 0.00	157.60 6.06 0.00	233.59 8.77 0.00	252.53 10.03 2.03	223.25 8.59 0.00	158.34 6.09 0.00	99.67 3.83 0.00	79.85 2.63 0.00	65.91 1.92 0.00
IP CORINTH___1 23988	51.10 1.49 0.00	45.38 1.49 0.00	39.75 1.57 0.00	37.10 1.43 0.00	37.05 1.42 0.00	39.83 1.46 0.00	44.88 1.48 0.00	49.94 1.45 0.00	51.40 1.50 0.00	55.77 1.37 0.29	62.06 0.86 0.24	72.33 1.08 0.60	80.23 1.82 0.94	93.96 2.58 0.59	101.03 3.53 0.46	125.19 5.36 2.02	154.35 7.58 4.77	234.41 11.69 2.10	260.92 16.38 0.00	230.12 15.46 0.00	164.28 12.03 0.00	102.26 6.42 0.00	81.32 4.09 0.00	66.68 2.69 0.00
IP___TICONDEROGA 23804	52.94 3.32 0.00	46.96 3.07 0.00	41.05 2.86 0.00	38.24 2.57 0.00	38.19 2.56 0.00	41.14 2.76 0.00	46.44 3.04 0.00	51.59 3.10 0.00	53.04 3.14 0.00	57.57 3.17 0.29	63.96 2.76 0.25	74.54 3.31 0.62	82.59 4.21 0.96	96.98 5.61 0.60	104.05 6.56 0.47	129.44 9.63 2.03	159.93 13.18 4.80	243.61 20.91 2.12	271.92 27.39 0.00	241.50 26.83 0.00	172.65 20.40 0.00	106.95 11.12 0.00	84.87 7.65 0.00	69.50 5.50 0.00
ISLIP_RES_REC 323679	50.79 1.19 0.02	47.09 3.20 0.00	41.54 3.36 0.00	38.60 2.93 0.00	38.40 2.78 0.00	41.22 2.84 0.00	45.74 2.34 0.00	49.17 0.68 0.00	50.90 1.40 0.40	51.84 1.70 4.54	63.82 2.27 -0.10	75.35 3.31 -0.19	87.82 7.38 -1.09	105.95 10.39 -3.59	132.69 13.03 -21.70	251.69 16.69 -113.15	266.12 20.00 -94.57	293.64 28.78 -40.03	268.40 30.81 6.95	260.10 26.61 -18.82	213.16 18.11 -42.80	105.14 9.29 -0.01	81.66 5.71 1.28	66.38 2.69 0.31

JAMAICA__27_KV_LOAD 355505	52.19 2.58 0.00	46.83 2.94 0.00	40.89 2.71 0.00	38.17 2.50 0.00	38.01 2.39 0.00	40.91 2.53 0.00	46.09 2.69 0.00	51.49 3.01 0.00	53.10 3.19 -0.01	58.53 3.50 -0.34	65.22 3.50 -0.28	76.65 4.10 -0.70	86.62 6.19 -1.09	101.03 8.37 -0.68	109.76 11.27 -0.53	180.95 14.13 -44.96	275.50 18.19 -105.77	302.02 26.08 -51.12	277.78 28.12 -5.12	242.63 23.83 -4.14	167.78 15.53 0.00	103.98 8.15 0.00	82.17 4.94 0.00	66.55 2.56 0.00
JANIS__SOLAR 323808	53.09 3.47 0.00	46.78 2.90 0.00	40.55 2.37 0.00	37.74 2.07 0.00	37.76 2.14 0.00	40.60 2.22 0.00	45.96 2.56 0.00	51.15 2.67 0.00	52.54 2.64 0.00	57.15 2.46 0.00	64.08 2.64 0.00	74.80 2.95 0.00	82.99 3.65 0.00	96.85 4.87 0.00	104.52 6.56 0.00	130.38 8.53 0.00	162.46 10.92 0.00	242.37 17.55 0.00	266.79 22.25 0.00	235.48 20.82 0.00	167.18 14.93 0.00	104.65 8.81 0.00	83.33 6.10 0.00	68.73 4.74 0.00
JARVIS____ 23743	49.76 0.15 0.00	44.06 0.18 0.00	38.41 0.23 0.00	35.89 0.22 0.00	35.84 0.22 0.00	38.57 0.19 0.00	43.53 0.13 0.00	48.58 0.10 0.00	50.00 0.10 0.00	54.80 0.11 0.00	61.56 0.12 0.00	72.00 0.14 0.00	79.74 0.40 0.00	92.71 0.73 0.00	99.14 1.18 0.00	123.32 1.47 0.00	153.37 1.83 0.00	227.30 2.48 0.00	245.45 2.95 2.03	217.03 2.37 0.00	153.93 1.68 0.00	96.79 0.96 0.00	77.61 0.39 0.00	64.12 0.13 0.00
JENNISON____1 23625	53.09 3.47 0.00	46.87 2.98 0.00	40.70 2.52 0.00	37.85 2.18 0.00	37.94 2.32 0.00	40.76 2.38 0.00	46.13 2.73 0.00	51.44 2.96 0.00	52.94 3.04 0.00	57.97 3.28 0.00	65.19 3.75 0.00	76.17 4.31 0.00	84.74 5.40 0.00	98.78 6.81 0.00	106.97 9.01 0.00	133.30 11.45 0.00	165.64 14.09 0.00	245.50 20.68 0.00	268.74 24.21 0.00	236.35 21.68 0.00	167.32 15.07 0.00	104.85 9.01 0.00	83.25 6.02 0.00	68.47 4.48 0.00
JENNISON____2 23626	53.09 3.47 0.00	46.87 2.98 0.00	40.70 2.52 0.00	37.85 2.18 0.00	37.94 2.32 0.00	40.76 2.38 0.00	46.13 2.73 0.00	51.44 2.96 0.00	52.94 3.04 0.00	57.97 3.28 0.00	65.19 3.75 0.00	76.17 4.31 0.00	84.74 5.40 0.00	98.78 6.81 0.00	106.97 9.01 0.00	133.30 11.45 0.00	165.64 14.09 0.00	245.50 20.68 0.00	268.74 24.21 0.00	236.35 21.68 0.00	167.32 15.07 0.00	104.85 9.01 0.00	83.25 6.02 0.00	68.47 4.48 0.00
JERICOHO_RISE_WT_PWR 323719	49.27 -0.34 0.00	43.62 -0.26 0.00	37.76 -0.42 0.00	35.35 -0.32 0.00	35.37 -0.25 0.00	38.38 0.00 0.00	43.71 0.31 0.00	49.12 0.63 0.00	50.25 0.35 0.00	55.02 0.33 0.00	61.81 0.37 0.00	72.14 0.29 0.00	78.63 -0.72 0.00	89.86 -2.11 0.00	93.55 -4.41 0.00	113.33 -5.48 3.04	138.05 -6.66 6.83	217.41 -7.41 0.00	226.07 -9.29 9.17	191.63 -7.94 15.10	139.37 -5.79 7.10	92.39 -3.45 0.00	75.91 -1.31 0.00	63.42 -0.58 0.00
KATONAH__115KV_46KV_TB4 355592	51.40 1.79 0.00	45.99 2.11 0.00	40.24 2.06 0.00	37.64 1.96 0.00	37.47 1.85 0.00	40.30 1.92 0.00	45.22 1.82 0.00	50.38 1.89 0.00	51.80 1.90 0.00	57.10 2.08 -0.34	64.06 2.33 -0.28	75.73 3.16 -0.71	85.28 4.84 -1.10	99.19 6.53 -0.69	107.61 9.11 -0.54	127.98 11.82 5.69	152.95 14.85 13.44	240.25 21.36 5.93	267.28 22.74 0.00	233.56 18.89 0.00	164.73 12.48 0.00	102.55 6.71 0.00	80.93 3.71 0.00	65.79 1.79 0.00
KCE_NY_1 323755	51.45 1.84 0.00	45.69 1.80 0.00	39.98 1.79 0.00	37.35 1.68 0.00	37.26 1.64 0.00	40.03 1.65 0.00	45.14 1.74 0.00	50.14 1.65 0.00	51.54 1.64 0.00	55.97 1.59 0.30	62.66 1.47 0.26	73.01 1.80 0.64	81.05 2.70 0.99	95.12 3.77 0.62	101.77 4.90 1.08	126.62 6.82 2.05	155.79 9.09 4.84	236.17 13.49 2.13	260.92 16.39 0.00	229.69 15.02 0.00	163.51 11.27 0.00	102.16 6.32 0.00	81.32 4.09 0.00	66.68 2.69 0.00
KCE_NY_6_ESR 323823	53.03 3.42 0.00	46.08 2.19 0.00	40.17 1.98 0.00	37.28 1.61 0.00	37.08 1.46 0.00	39.37 1.00 0.00	43.62 0.22 0.00	48.63 0.15 0.00	51.35 1.45 0.00	56.55 1.86 0.00	64.14 2.70 0.00	74.22 2.37 0.00	82.36 3.01 0.00	94.92 2.94 0.00	103.93 5.98 0.00	127.82 5.97 0.00	156.39 4.85 0.00	225.95 1.13 0.00	246.98 2.45 0.00	219.38 4.72 0.00	155.29 3.04 0.00	99.10 3.26 0.00	79.39 2.16 0.00	67.32 3.33 0.00
KEDC_PORT_JEFF_GT2 24210	50.34 0.75 0.02	46.74 2.85 0.00	41.20 3.02 0.00	38.32 2.64 0.00	38.11 2.49 0.00	40.91 2.53 0.00	45.44 2.04 0.00	48.73 0.24 0.00	50.40 0.90 0.40	51.03 0.93 4.58	62.81 1.29 -0.08	73.83 1.94 -0.03	85.90 5.47 -1.09	103.52 8.18 -3.37	133.97 10.68 -25.33	279.30 13.64 -143.81	262.55 16.52 -94.48	288.22 23.82 -39.58	262.93 25.43 7.04	265.32 21.67 -28.98	227.58 14.62 -60.72	103.04 7.19 -0.01	80.02 4.32 1.53	65.57 1.99 0.41
KEDC_PORT_JEFF_GT3 24211	50.34 0.75 0.02	46.74 2.85 0.00	41.20 3.02 0.00	38.32 2.64 0.00	38.11 2.49 0.00	40.91 2.53 0.00	45.44 2.04 0.00	48.73 0.24 0.00	50.40 0.90 0.40	51.03 0.93 4.58	62.81 1.29 -0.08	73.83 1.94 -0.03	85.90 5.47 -1.09	103.52 8.18 -3.37	133.97 10.68 -25.33	279.30 13.64 -143.81	262.55 16.52 -94.48	288.22 23.82 -39.58	262.93 25.43 7.04	265.32 21.67 -28.98	227.58 14.62 -60.72	103.04 7.19 -0.01	80.02 4.32 1.53	65.57 1.99 0.41
KEDC_GLWD_GT4 24219	51.39 1.78 0.01	46.61 2.72 0.00	40.93 2.75 0.00	38.14 2.46 0.00	37.97 2.35 0.00	40.80 2.42 0.00	45.66 2.26 0.00	50.08 1.60 0.00	51.66 1.90 0.13	55.63 2.24 1.30	63.99 2.27 -0.28	75.72 3.16 -0.70	86.30 5.87 -1.09	112.49 8.18 -12.34	121.68 10.68 -13.04	178.36 13.52 -42.98	270.35 17.27 -101.54	312.25 24.73 -62.70	270.72 26.18 -0.01	236.58 21.91 -0.01	166.56 14.31 0.00	103.32 7.48 -0.01	82.81 4.17 -1.41	65.86 1.86 -0.01
KEDC_GLWD_GT5 24220	51.39 1.78 0.01	46.61 2.72 0.00	40.93 2.75 0.00	38.14 2.46 0.00	37.97 2.35 0.00	40.80 2.42 0.00	45.66 2.26 0.00	50.08 1.60 0.00	51.66 1.90 0.13	55.63 2.24 1.30	63.99 2.27 -0.28	75.72 3.16 -0.70	86.30 5.87 -1.09	112.49 8.18 -12.34	121.68 10.68 -13.04	178.36 13.52 -42.98	270.35 17.27 -101.54	312.25 24.73 -62.70	270.72 26.18 -0.01	236.58 21.91 -0.01	166.56 14.31 0.00	103.32 7.48 -0.01	82.81 4.17 -1.41	65.86 1.86 -0.01
KENSICO____ 23655	51.35 1.74 0.00	46.08 2.19 0.00	40.28 2.10 0.00	37.67 2.00 0.00	37.51 1.89 0.00	40.30 1.92 0.00	45.31 1.91 0.00	50.43 1.94 0.00	51.85 1.95 0.00	57.15 2.13 -0.33	64.06 2.33 -0.28	75.57 3.02 -0.70	85.27 4.84 -1.09	99.18 6.53 -0.68	107.60 9.11 -0.53	172.93 11.58 -39.50	259.72 14.85 -93.32	286.87 20.91 -41.14	267.03 22.50 0.00	233.34 18.68 0.00	164.43 12.18 0.00	102.16 6.33 0.00	80.62 3.40 0.00	65.59 1.60 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	51.70 2.08 0.00	46.08 2.19 0.00	40.24 2.06 0.00	37.60 1.93 0.00	37.47 1.85 0.00	40.30 1.92 0.00	45.35 1.95 0.00	50.43 1.94 0.00	51.90 2.00 0.00	57.08 2.19 -0.20	64.07 2.46 -0.17	75.43 3.16 -0.41	84.50 4.84 -0.32	98.11 6.62 0.48	107.12 9.21 0.05	135.28 11.82 -1.61	171.64 15.61 -4.49	245.36 23.16 2.61	264.38 25.43 5.58	236.34 21.68 0.00	166.56 14.31 0.00	103.38 7.86 0.31	81.71 4.48 0.00	66.43 2.43 0.00

KIAC_JFK_GT1 23816	51.85 2.23 0.00	46.52 2.63 0.00	40.63 2.44 0.00	37.96 2.28 0.00	37.79 2.17 0.00	40.68 2.30 0.00	45.79 2.39 0.00	51.15 2.67 0.00	52.75 2.84 -0.01	58.14 3.12 -0.34	64.79 3.07 -0.28	75.86 3.31 -0.70	85.74 5.32 -1.09	100.01 7.36 -0.68	108.68 10.19 -0.53	179.48 12.67 -44.96	273.68 16.37 -105.77	299.32 23.38 -51.12	274.84 25.19 -5.12	240.06 21.25 -4.14	165.95 13.70 0.00	102.83 7.00 0.00	81.32 4.09 0.00	65.85 1.86 0.00
KIAC_JFK_GT2 23817	51.85 2.23 0.00	46.52 2.63 0.00	40.63 2.44 0.00	37.96 2.28 0.00	37.79 2.17 0.00	40.68 2.30 0.00	45.79 2.39 0.00	51.15 2.67 0.00	52.75 2.84 -0.01	58.14 3.12 -0.34	64.79 3.07 -0.28	75.86 3.31 -0.70	85.74 5.32 -1.09	100.01 7.36 -0.68	108.68 10.19 -0.53	179.48 12.67 -44.96	273.68 16.37 -105.77	299.32 23.38 -51.12	274.84 25.19 -5.12	240.06 21.25 -4.14	165.95 13.70 0.00	102.83 7.00 0.00	81.32 4.09 0.00	65.85 1.86 0.00
KIAC_JFK____ 323774	51.85 2.23 0.00	46.47 2.59 0.00	40.63 2.45 0.00	37.89 2.21 0.00	37.79 2.17 0.00	40.64 2.26 0.00	45.79 2.39 0.00	51.10 2.62 0.00	52.65 2.74 -0.01	58.14 3.12 -0.34	64.73 3.01 -0.28	75.94 3.38 -0.70	85.83 5.40 -1.09	100.29 7.63 -0.68	121.07 10.19 -12.93	179.48 12.67 -44.96	273.69 16.37 -105.77	299.32 23.38 -51.12	274.85 25.19 -5.12	240.06 21.26 -4.14	165.96 13.71 0.00	102.83 6.99 0.00	81.32 4.09 0.00	65.78 1.79 0.00
KINTIGH__24_KV_GSU 356498	51.79 2.18 0.00	45.07 1.19 0.00	39.33 1.14 0.00	36.53 0.85 0.00	36.37 0.75 0.00	38.61 0.23 0.00	42.83 -0.57 0.00	47.91 -0.58 0.00	50.40 0.50 0.00	55.45 0.77 0.00	62.73 1.29 0.00	72.65 0.79 0.00	80.37 1.03 0.00	92.89 0.92 0.00	101.09 3.13 0.00	124.41 2.56 0.00	152.46 0.91 0.00	221.00 -3.82 0.00	241.11 -3.42 0.00	214.02 -0.64 0.00	152.10 -0.15 0.00	97.08 1.24 0.00	77.84 0.61 0.00	65.85 1.86 0.00
KINTIGH____ 23543	51.80 2.18 0.00	45.03 1.14 0.00	39.33 1.15 0.00	36.35 0.68 0.00	36.37 0.75 0.00	38.49 0.12 0.00	42.84 -0.56 0.00	47.91 -0.58 0.00	50.00 0.10 0.00	55.45 0.77 0.00	62.67 1.23 0.00	72.65 0.79 0.00	80.53 1.19 0.00	92.80 0.83 0.00	101.09 3.13 0.00	124.41 2.56 0.00	152.45 0.91 0.00	221.00 -3.82 0.00	241.36 -3.18 0.00	214.24 -0.43 0.00	152.10 -0.15 0.00	97.08 1.25 0.00	77.84 0.62 0.00	65.40 1.41 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	49.81 0.20 0.00	44.24 0.35 0.00	38.26 0.08 0.00	35.85 0.18 0.00	35.87 0.25 0.00	38.88 0.50 0.00	44.31 0.91 0.00	49.41 0.92 0.00	50.80 0.90 0.00	55.62 0.93 0.00	62.42 0.98 0.00	72.93 1.08 0.00	79.42 0.08 0.00	91.42 -0.55 0.00	94.43 -3.53 0.00	115.46 -4.63 1.76	142.15 -5.46 3.93	219.42 -5.40 0.00	235.95 -5.37 1.98	200.59 -3.81 8.71	144.34 -2.30 4.10	93.54 -0.31 0.00	76.92 -0.31 0.00	64.19 0.19 0.00
LACHUTE____HYDRO 323717	52.94 3.32 0.00	46.96 3.07 0.00	41.05 2.87 0.00	38.25 2.57 0.00	38.19 2.57 0.00	41.14 2.76 0.00	46.39 2.99 0.00	51.59 3.11 0.00	53.05 3.15 0.00	57.56 3.17 0.29	63.96 2.77 0.25	74.54 3.31 0.62	82.66 4.28 0.96	97.08 5.70 0.60	103.46 6.56 1.06	129.44 9.62 2.03	159.92 13.18 4.80	243.62 20.91 2.12	271.92 27.38 0.00	241.50 26.83 0.00	172.66 20.41 0.00	106.95 11.11 0.00	84.87 7.65 0.00	69.50 5.50 0.00
LAWRNCV_115KV_TB1 80681	50.06 0.45 0.00	44.15 0.26 0.00	38.14 -0.04 0.00	35.68 0.00 0.00	35.62 0.00 0.00	38.65 0.27 0.00	44.01 0.61 0.00	49.46 0.97 0.00	50.75 0.85 0.00	55.29 0.60 0.00	61.56 0.12 0.00	71.71 -0.14 0.00	78.07 -1.27 0.00	89.49 -2.48 0.00	90.81 -7.15 0.00	92.97 -9.02 19.86	95.90 -10.91 44.74	214.25 -10.57 0.00	120.74 -15.16 108.64	102.97 -12.88 98.81	97.19 -8.68 46.38	91.72 -4.12 0.00	77.30 0.08 0.00	65.08 1.09 0.00
LEDERLE____ 23769	51.50 1.89 0.00	46.08 2.19 0.00	40.28 2.10 0.00	37.67 2.00 0.00	37.54 1.92 0.00	40.30 1.92 0.00	45.35 1.95 0.00	50.43 1.94 0.00	51.80 1.90 0.00	57.13 2.13 -0.31	64.16 2.46 -0.26	75.67 3.16 -0.65	85.35 5.00 -1.01	99.32 6.71 -0.63	107.76 9.31 -0.50	160.65 11.82 -26.98	230.44 15.15 -63.74	274.50 21.58 -28.10	267.52 22.99 0.00	233.99 19.32 0.00	164.73 12.48 0.00	102.35 6.52 0.00	80.78 3.55 0.00	65.72 1.73 0.00
LIGHTHSE_115KV_TB6 355974	50.51 0.89 0.00	44.54 0.66 0.00	38.68 0.50 0.00	36.03 0.36 0.00	36.05 0.43 0.00	38.76 0.38 0.00	43.88 0.48 0.00	49.02 0.53 0.00	50.30 0.40 0.00	55.07 0.38 0.00	61.87 0.43 0.00	72.29 0.43 0.00	79.98 0.63 0.00	92.99 1.01 0.00	99.04 1.08 0.00	123.08 1.22 -0.01	152.90 1.36 0.01	227.07 2.25 0.00	238.70 3.91 9.75	219.18 4.51 0.00	155.76 3.50 -0.01	97.66 1.82 0.00	78.93 1.70 0.00	65.08 1.09 0.00
LINDEN COGEN____ 23786	51.34 1.74 0.01	46.08 2.19 0.00	40.32 2.14 0.00	37.64 1.96 0.00	37.54 1.92 0.00	40.33 1.96 0.00	45.40 2.00 0.00	50.48 1.99 0.00	51.90 2.00 0.00	52.21 2.30 4.77	55.25 2.27 8.46	71.03 2.95 3.77	81.42 4.92 2.85	95.69 6.90 3.18	116.37 9.31 -9.10	145.45 11.70 -11.90	210.77 14.86 -44.37	258.76 21.13 -12.81	256.18 22.48 10.84	210.36 18.67 22.97	127.85 11.88 36.28	82.73 6.14 19.25	60.38 3.17 20.01	54.05 1.21 11.16
LINDHRST_69_KV_BK1 356055	51.09 1.49 0.01	47.31 3.42 0.00	41.58 3.40 0.00	38.71 3.03 0.00	38.43 2.81 0.00	41.33 2.95 0.00	45.87 2.47 0.00	50.33 1.84 0.00	51.25 1.70 0.35	52.69 1.91 3.91	63.98 2.33 -0.21	75.63 3.23 -0.54	87.10 6.66 -1.09	107.84 9.29 -6.58	110.84 12.34 -0.54	177.96 15.72 -40.40	267.47 20.00 -95.92	300.27 29.00 -46.44	269.99 31.06 5.60	236.33 26.19 4.53	169.60 17.36 0.00	104.75 8.91 0.00	82.75 5.48 -0.04	66.66 2.75 0.09
LIPA_MISC_IPP 23656	50.09 0.50 0.02	46.65 2.76 0.00	41.01 2.83 0.00	38.17 2.50 0.00	37.94 2.32 0.00	40.79 2.42 0.00	45.18 1.78 0.00	49.46 0.97 0.00	50.29 0.80 0.40	50.91 0.82 4.60	62.86 1.29 -0.13	74.25 2.16 -0.24	86.14 5.71 -1.09	103.62 8.37 -3.28	116.14 11.27 -6.91	229.79 14.26 -93.69	262.94 16.97 -94.43	288.71 24.51 -39.38	263.85 26.41 7.10	250.31 23.40 -12.25	199.42 15.68 -31.49	103.60 7.76 -0.01	80.75 4.56 1.04	65.50 1.79 0.28
LISF____SOLAR 323691	50.19 0.60 0.02	46.56 2.68 0.00	41.08 2.90 0.00	38.21 2.53 0.00	38.01 2.39 0.00	40.80 2.42 0.00	45.26 1.86 0.00	48.58 0.10 0.00	50.25 0.75 0.40	51.08 0.99 4.59	62.98 1.41 -0.12	74.37 2.30 -0.21	86.63 6.19 -1.09	104.39 9.11 -3.31	129.76 11.65 -20.15	236.49 14.74 -99.90	263.57 17.57 -94.45	289.67 25.40 -39.46	265.09 27.62 7.07	253.25 24.25 -14.33	203.81 16.45 -35.11	104.18 8.33 -0.01	80.99 4.87 1.10	65.62 1.92 0.30
LITTLE FALLS____HYD 24013	51.05 1.44 0.00	45.20 1.32 0.00	39.37 1.18 0.00	36.75 1.07 0.00	36.76 1.14 0.00	39.57 1.19 0.00	44.75 1.35 0.00	49.99 1.50 0.00	51.40 1.50 0.00	56.33 1.64 0.00	63.28 1.84 0.00	74.01 2.16 0.00	81.96 2.62 0.00	95.29 3.31 0.00	101.98 4.02 0.00	126.97 5.12 0.00	157.60 6.06 0.00	233.59 8.77 0.00	252.53 10.03 2.03	223.25 8.59 0.00	158.34 6.09 0.00	99.67 3.83 0.00	79.85 2.63 0.00	65.91 1.92 0.00

LITTLRIV_115KV_TB1 356100	50.75 1.14 0.00	44.76 0.88 0.00	38.64 0.46 0.00	36.10 0.43 0.00	36.08 0.46 0.00	39.18 0.81 0.00	44.66 1.26 0.00	50.09 1.60 0.00	51.30 1.40 0.00	55.83 1.15 0.00	62.18 0.74 0.00	72.29 0.43 0.00	78.63 -0.71 0.00	90.23 -1.75 0.00	91.40 -6.56 0.00	94.23 -8.16 19.46	98.02 -9.70 43.82	216.95 -7.87 0.00	129.15 -11.74 103.64	108.85 -9.02 96.80	101.03 -5.79 45.44	93.44 -2.40 0.00	78.62 1.39 0.00	66.11 2.11 0.00
LI_NEWBRDGE___DRP 323616	50.34 0.74 0.02	46.48 2.59 0.00	40.82 2.63 0.00	38.03 2.35 0.00	37.79 2.17 0.00	40.64 2.26 0.00	45.22 1.82 0.00	49.65 1.16 0.00	50.46 1.00 0.43	50.80 1.09 4.98	63.07 1.35 -0.27	74.64 2.08 -0.70	85.43 5.00 -1.09	100.55 7.27 -1.31	108.49 9.99 -0.54	173.43 12.67 -38.91	260.30 16.06 -92.70	281.84 22.93 -34.09	260.17 24.45 8.82	228.14 20.61 7.14	165.80 13.55 0.00	102.63 6.80 0.01	81.30 4.02 -0.05	65.65 1.66 0.01
LOCKPORT_115KV_TB60_63_64 80432	52.64 3.03 0.00	45.64 1.76 0.00	39.86 1.68 0.00	36.78 1.11 0.00	36.80 1.18 0.00	38.88 0.50 0.00	42.84 -0.56 0.00	47.76 -0.73 0.00	49.95 0.05 0.00	55.51 0.82 0.00	62.79 1.35 0.00	72.43 0.57 0.00	80.21 0.87 0.00	92.25 0.28 0.00	100.90 2.94 0.00	123.92 2.07 0.00	151.39 -0.15 0.00	218.75 -6.07 0.00	239.40 -5.14 0.00	212.73 -1.93 0.00	151.03 -1.22 0.00	96.51 0.67 0.00	77.69 0.46 0.00	65.47 1.47 0.00
LOCKPORT___CC1 323769	52.44 2.83 0.00	45.51 1.62 0.00	39.71 1.53 0.00	36.89 1.21 0.00	36.65 1.03 0.00	38.87 0.50 0.00	42.75 -0.65 0.00	47.62 -0.87 0.00	50.30 0.40 0.00	55.34 0.66 0.00	62.67 1.23 0.00	72.14 0.29 0.00	79.74 0.40 0.00	91.97 0.00 0.00	100.50 2.54 0.00	123.43 1.58 0.00	150.64 -0.90 0.00	217.62 -7.20 0.00	238.18 -6.36 0.00	211.66 -3.01 0.00	150.27 -1.98 0.00	96.12 0.29 0.00	77.30 0.08 0.00	65.91 1.92 0.00
LOCKPORT___CC2 323770	52.44 2.83 0.00	45.51 1.62 0.00	39.71 1.53 0.00	36.89 1.21 0.00	36.65 1.03 0.00	38.87 0.50 0.00	42.75 -0.65 0.00	47.62 -0.87 0.00	50.30 0.40 0.00	55.34 0.66 0.00	62.67 1.23 0.00	72.14 0.29 0.00	79.74 0.40 0.00	91.97 0.00 0.00	100.50 2.54 0.00	123.43 1.58 0.00	150.64 -0.90 0.00	217.62 -7.20 0.00	238.18 -6.36 0.00	211.66 -3.01 0.00	150.27 -1.98 0.00	96.12 0.29 0.00	77.30 0.08 0.00	65.91 1.92 0.00
LOCKPORT___CC3 323771	52.44 2.83 0.00	45.51 1.62 0.00	39.71 1.53 0.00	36.89 1.21 0.00	36.65 1.03 0.00	38.87 0.50 0.00	42.75 -0.65 0.00	47.62 -0.87 0.00	50.30 0.40 0.00	55.34 0.66 0.00	62.67 1.23 0.00	72.14 0.29 0.00	79.74 0.40 0.00	91.97 0.00 0.00	100.50 2.54 0.00	123.43 1.58 0.00	150.64 -0.90 0.00	217.62 -7.20 0.00	238.18 -6.36 0.00	211.66 -3.01 0.00	150.27 -1.98 0.00	96.12 0.29 0.00	77.30 0.08 0.00	65.91 1.92 0.00
LOCUSVLY_69_KV_BK2 55797	51.14 1.54 0.01	46.87 2.98 0.00	41.12 2.94 0.00	38.35 2.68 0.00	38.11 2.49 0.00	40.95 2.57 0.00	45.70 2.30 0.00	50.38 1.89 0.00	51.49 1.80 0.21	54.55 2.02 2.16	64.18 2.46 -0.28	75.86 3.31 -0.70	86.70 6.27 -1.09	110.97 8.74 -10.26	110.16 11.66 -0.54	178.49 14.87 -41.78	269.41 18.94 -98.92	307.86 26.98 -56.06	270.79 28.86 2.60	236.60 24.04 2.11	167.93 15.68 0.00	103.99 8.15 -0.01	83.10 4.71 -1.16	66.24 2.24 -0.01
LONG_LAKE_PHOENIX 24014	49.51 -0.10 0.00	43.67 -0.22 0.00	37.99 -0.19 0.00	35.43 -0.25 0.00	35.37 -0.25 0.00	37.99 -0.38 0.00	42.92 -0.48 0.00	47.95 -0.53 0.00	49.35 -0.55 0.00	54.19 -0.49 0.00	60.95 -0.49 0.00	71.28 -0.57 0.00	79.02 -0.32 0.00	91.88 -0.09 0.00	98.64 0.69 0.00	122.58 0.73 0.00	152.30 0.76 0.00	225.04 0.22 0.00	242.45 1.22 3.31	216.17 1.50 0.00	153.47 1.22 -0.01	96.32 0.48 0.00	77.15 -0.08 0.00	63.67 -0.32 0.00
LOVETT___3 23632	51.05 1.44 0.00	45.77 1.89 0.00	40.01 1.83 0.00	37.42 1.75 0.00	37.29 1.67 0.00	40.03 1.65 0.00	45.01 1.61 0.00	50.04 1.55 0.00	51.40 1.50 0.00	56.64 1.64 -0.31	63.55 1.84 -0.27	74.89 2.37 -0.66	84.49 4.13 -1.03	98.23 5.61 -0.64	106.50 8.03 -0.51	161.11 10.36 -28.90	233.00 13.18 -68.27	273.58 18.66 -30.10	264.34 19.81 0.00	231.19 16.53 0.00	162.75 10.51 0.00	101.30 5.46 0.00	80.01 2.78 0.00	65.08 1.09 0.00
LOVETT___4 23642	51.05 1.44 0.00	45.77 1.89 0.00	40.01 1.83 0.00	37.42 1.75 0.00	37.29 1.67 0.00	40.03 1.65 0.00	45.01 1.61 0.00	50.04 1.55 0.00	51.40 1.50 0.00	56.64 1.64 -0.31	63.55 1.84 -0.27	74.89 2.37 -0.66	84.49 4.13 -1.03	98.23 5.61 -0.64	106.50 8.03 -0.51	161.11 10.36 -28.90	233.00 13.18 -68.27	273.58 18.66 -30.10	264.34 19.81 0.00	231.19 16.53 0.00	162.75 10.51 0.00	101.30 5.46 0.00	80.01 2.78 0.00	65.08 1.09 0.00
LOVETT___5 23593	51.05 1.44 0.00	45.77 1.89 0.00	40.01 1.83 0.00	37.42 1.75 0.00	37.29 1.67 0.00	40.03 1.65 0.00	45.01 1.61 0.00	50.04 1.55 0.00	51.40 1.50 0.00	56.64 1.64 -0.31	63.55 1.84 -0.27	74.89 2.37 -0.66	84.49 4.13 -1.03	98.23 5.61 -0.64	106.50 8.03 -0.51	161.11 10.36 -28.90	233.00 13.18 -68.27	273.58 18.66 -30.10	264.34 19.81 0.00	231.19 16.53 0.00	162.75 10.51 0.00	101.30 5.46 0.00	80.01 2.78 0.00	65.08 1.09 0.00
LOWER RAQUET___HYD 24057	50.11 0.50 0.00	44.24 0.35 0.00	38.18 0.00 0.00	35.71 0.04 0.00	35.66 0.04 0.00	38.68 0.31 0.00	44.09 0.69 0.00	49.60 1.12 0.00	50.80 0.90 0.00	55.29 0.60 0.00	61.44 0.00 0.00	71.50 -0.36 0.00	77.83 -1.51 0.00	88.57 -3.40 0.00	90.42 -7.54 0.00	93.27 -9.50 19.08	97.06 -11.52 42.96	213.58 -11.23 0.00	129.93 -15.66 98.95	106.66 -13.10 94.90	98.87 -8.83 44.55	91.53 -4.31 0.00	77.38 0.15 0.00	65.15 1.15 0.00
LOWER___HUDSON 24059	50.55 0.94 0.00	45.03 1.14 0.00	39.44 1.26 0.00	36.92 1.25 0.00	36.83 1.21 0.00	39.53 1.15 0.00	44.53 1.13 0.00	49.36 0.87 0.00	50.70 0.80 0.00	55.00 0.71 0.39	61.78 0.68 0.33	71.96 0.93 0.83	79.89 1.83 1.28	93.93 2.76 0.80	100.60 3.92 1.28	124.98 5.36 2.23	153.70 7.42 5.27	233.29 10.79 2.32	256.51 11.98 0.00	224.97 10.30 0.00	160.16 7.91 0.00	100.15 4.32 0.00	79.77 2.54 0.00	65.34 1.35 0.00
LOWVILLE_115KV_TB2 356335	51.90 2.28 0.00	45.82 1.93 0.00	39.71 1.53 0.00	37.03 1.36 0.00	37.08 1.46 0.00	40.03 1.65 0.00	45.40 2.00 0.00	50.77 2.28 0.00	52.05 2.15 0.00	56.71 2.02 0.00	63.47 2.03 0.00	74.15 2.30 0.00	81.64 2.30 0.00	94.83 2.85 0.00	99.53 1.57 0.00	124.19 2.32 -0.02	154.85 3.33 0.02	232.24 7.42 0.00	225.83 9.29 28.00	223.70 9.02 -0.01	159.14 6.85 -0.04	99.86 4.03 0.00	81.63 4.40 0.00	67.39 3.39 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	51.40 1.79 0.00	45.69 1.80 0.00	39.94 1.76 0.00	37.32 1.64 0.00	37.26 1.64 0.00	40.03 1.65 0.00	45.09 1.69 0.00	50.14 1.65 0.00	51.50 1.60 0.00	55.91 1.53 0.30	62.60 1.41 0.26	73.01 1.80 0.64	80.97 2.62 0.99	94.94 3.59 0.62	102.27 4.80 0.49	126.38 6.58 2.05	155.64 8.94 4.84	235.95 13.26 2.13	260.67 16.14 0.00	229.48 14.81 0.00	163.36 11.11 0.00	101.97 6.13 0.00	81.24 4.02 0.00	66.68 2.69 0.00

LUTHERNY_35_KV_BK2 355980	51.45 1.84 0.00	45.69 1.80 0.00	39.98 1.79 0.00	37.35 1.68 0.00	37.26 1.64 0.00	40.07 1.69 0.00	45.14 1.74 0.00	50.14 1.65 0.00	51.55 1.65 0.00	55.97 1.59 0.30	62.66 1.47 0.26	73.01 1.80 0.64	81.05 2.70 0.99	95.03 3.68 0.62	102.37 4.90 0.49	126.50 6.70 2.05	155.79 9.09 4.84	236.40 13.71 2.13	260.92 16.38 0.00	229.69 15.03 0.00	163.51 11.27 0.00	102.07 6.23 0.00	81.32 4.09 0.00	66.75 2.75 0.00
LWR___OSWEGATCHIE_HYD 23850	51.05 1.44 0.00	45.03 1.14 0.00	38.95 0.76 0.00	36.35 0.68 0.00	36.37 0.75 0.00	39.34 0.96 0.00	44.75 1.35 0.00	50.14 1.65 0.00	51.40 1.50 0.00	56.00 1.31 0.00	62.42 0.98 0.00	72.79 0.93 0.00	79.74 0.40 0.00	92.07 0.09 0.00	94.82 -3.13 0.00	118.25 -3.66 -0.06	147.24 -4.24 0.06	222.57 -2.25 0.00	174.35 -3.18 67.01	212.98 -1.72 -0.03	151.59 -0.76 -0.10	95.74 -0.10 0.00	79.62 2.39 0.00	66.30 2.30 0.00
LYONS_FALL_HYD 23570	51.60 1.99 0.00	45.60 1.71 0.00	39.55 1.37 0.00	36.89 1.21 0.00	36.94 1.32 0.00	39.83 1.46 0.00	45.14 1.74 0.00	50.48 1.99 0.00	51.84 1.94 0.00	56.60 1.91 0.00	63.41 1.97 0.00	74.15 2.30 0.00	81.72 2.38 0.00	95.00 3.03 0.00	100.60 2.65 0.00	125.52 3.65 -0.02	156.38 4.85 0.02	233.58 8.76 0.00	236.27 10.27 18.53	224.35 9.67 -0.02	159.44 7.16 -0.03	99.95 4.12 0.00	81.16 3.94 0.00	66.94 2.95 0.00
MADISON___COUNTY_LFGE 323628	51.50 1.89 0.00	45.47 1.58 0.00	39.52 1.34 0.00	36.82 1.14 0.00	36.87 1.25 0.00	39.68 1.30 0.00	44.88 1.48 0.00	50.09 1.60 0.00	51.60 1.70 0.00	56.49 1.80 0.00	63.47 2.03 0.00	74.23 2.37 0.00	81.56 2.22 0.00	95.01 3.04 0.00	101.98 4.02 0.00	127.09 5.24 0.00	158.21 6.67 0.00	234.94 10.12 5.59	250.92 11.98 0.00	225.40 10.73 0.00	160.02 7.76 -0.01	100.15 4.31 0.00	80.93 3.71 0.00	66.68 2.69 0.00
MALONE___115KV_TB1 356076	50.16 0.55 0.00	44.37 0.48 0.00	38.33 0.15 0.00	35.89 0.21 0.00	35.91 0.28 0.00	38.95 0.58 0.00	44.40 1.00 0.00	49.75 1.26 0.00	51.10 1.20 0.00	55.89 1.20 0.00	62.67 1.23 0.00	73.15 1.29 0.00	79.58 0.24 0.00	91.51 -0.46 0.00	93.84 -4.11 0.00	109.42 -5.36 7.07	129.27 -6.36 15.90	218.97 -5.85 0.00	205.24 -7.58 31.72	173.30 -6.23 35.14	131.63 -4.11 16.50	93.63 -2.20 0.00	77.54 0.31 0.00	64.83 0.83 0.00
MAPLEWOD_115KV_TB3 80458	50.11 0.50 0.00	44.63 0.75 0.00	39.06 0.88 0.00	36.64 0.96 0.00	36.55 0.93 0.00	39.14 0.77 0.00	44.09 0.69 0.00	48.97 0.48 0.00	50.35 0.45 0.00	54.72 0.33 0.29	61.50 0.31 0.25	71.74 0.50 0.62	79.66 1.27 0.95	93.40 2.02 0.60	100.72 3.23 0.47	124.04 4.39 2.20	152.41 6.06 5.19	231.30 8.77 2.29	254.07 9.54 0.00	223.04 8.37 0.00	158.49 6.24 0.00	99.10 3.26 0.00	78.93 1.70 0.00	64.83 0.83 0.00
MAPLE_RIDGE_WT_1 323574	49.27 -0.34 0.00	43.58 -0.31 0.00	37.92 -0.27 0.00	35.46 -0.21 0.00	35.44 -0.18 0.00	38.26 -0.11 0.00	43.36 -0.04 0.00	48.54 0.05 0.00	49.90 0.00 0.00	54.69 0.00 0.00	61.44 0.00 0.00	71.64 -0.21 0.00	78.87 -0.47 0.00	91.24 -0.74 0.00	96.79 -1.17 0.00	120.26 -1.59 0.00	149.57 -1.97 0.00	222.57 -2.25 0.00	244.11 -2.92 -2.50	212.10 -2.57 0.00	150.26 -1.98 0.00	94.40 -1.43 0.00	76.30 -0.92 0.00	63.35 -0.64 0.00
MAPLE_RIDGE_WT_2 323611	49.27 -0.34 0.00	43.58 -0.31 0.00	37.92 -0.27 0.00	35.46 -0.21 0.00	35.44 -0.18 0.00	38.26 -0.11 0.00	43.36 -0.04 0.00	48.54 0.05 0.00	49.90 0.00 0.00	54.69 0.00 0.00	61.44 0.00 0.00	71.64 -0.21 0.00	78.87 -0.47 0.00	91.24 -0.74 0.00	96.79 -1.17 0.00	120.26 -1.59 0.00	149.57 -1.97 0.00	222.57 -2.25 0.00	244.11 -2.92 -2.50	212.10 -2.57 0.00	150.26 -1.98 0.00	94.40 -1.43 0.00	76.30 -0.92 0.00	63.35 -0.64 0.00
MARBLE_RIVER_WT_PWR 323696	49.27 -0.34 0.00	43.67 -0.22 0.00	37.84 -0.34 0.00	35.43 -0.25 0.00	35.44 -0.18 0.00	38.42 0.04 0.00	43.75 0.35 0.00	49.12 0.63 0.00	50.25 0.35 0.00	55.02 0.33 0.00	61.81 0.37 0.00	72.14 0.29 0.00	78.70 -0.64 0.00	90.04 -1.94 0.00	93.85 -4.11 0.00	115.23 -5.24 1.38	142.09 -6.36 3.10	217.85 -6.97 0.00	235.74 -8.79 0.00	200.29 -7.52 6.86	143.54 -5.47 3.23	92.58 -3.26 0.00	75.99 -1.24 0.00	63.48 -0.51 0.00
MARSHVLE_115KV_TB1 80742	52.29 2.68 0.00	46.39 2.50 0.00	40.40 2.21 0.00	37.67 2.00 0.00	37.65 2.03 0.00	40.56 2.19 0.00	45.70 2.30 0.00	50.33 1.84 0.00	51.40 1.50 0.00	55.77 1.26 0.18	62.58 1.29 0.15	72.85 1.37 0.37	80.91 2.14 0.58	94.46 2.85 0.36	101.69 4.02 0.28	126.24 5.73 1.34	155.50 7.12 3.16	235.34 11.92 1.39	261.65 17.12 0.00	233.99 19.32 0.00	167.02 14.77 0.00	104.37 8.53 0.00	82.94 5.71 0.00	67.96 3.97 0.00
MARSH_HILL_WT_PWR 323713	52.99 3.38 0.00	46.30 2.41 0.00	40.24 2.06 0.00	37.46 1.78 0.00	37.37 1.74 0.00	39.91 1.54 0.00	44.70 1.30 0.00	49.60 1.12 0.00	51.54 1.64 0.00	56.55 1.86 0.00	64.02 2.58 0.00	74.44 2.58 0.00	82.67 3.33 0.00	95.56 3.58 0.00	103.74 5.78 0.00	128.43 6.58 0.00	158.20 6.66 0.00	230.89 6.07 0.00	253.83 9.29 0.00	226.25 11.58 0.00	160.46 8.22 0.00	101.49 5.65 0.00	81.32 4.09 0.00	68.15 4.16 0.00
MCINTYRE_115KV_TB2 80467	51.00 1.39 0.00	44.94 1.05 0.00	38.75 0.57 0.00	36.25 0.57 0.00	36.26 0.64 0.00	39.37 1.00 0.00	44.83 1.43 0.00	50.23 1.75 0.00	51.40 1.50 0.00	55.94 1.26 0.00	62.42 0.98 0.00	72.50 0.65 0.00	78.87 -0.48 0.00	90.50 -1.47 0.00	91.69 -6.27 0.00	93.86 -7.92 20.07	97.25 -9.09 45.20	217.85 -6.97 0.00	123.07 -10.27 111.19	107.52 -7.30 99.84	100.97 -4.42 46.86	94.30 -1.53 0.00	79.08 1.85 0.00	66.49 2.50 0.00
MECO_____69_KV_BK1 80468	53.14 3.52 0.00	47.09 3.20 0.00	41.05 2.86 0.00	38.28 2.60 0.00	38.26 2.64 0.00	41.22 2.84 0.00	46.48 3.08 0.00	51.44 2.96 0.00	52.64 2.74 0.00	57.01 2.52 0.19	63.86 2.58 0.17	74.46 3.02 0.41	82.67 3.97 0.64	96.54 4.97 0.40	103.91 6.27 0.31	128.94 8.65 1.56	159.23 11.37 3.68	241.63 18.44 1.62	268.50 23.96 0.00	238.92 24.26 0.00	170.21 17.97 0.00	106.09 10.25 0.00	84.33 7.10 0.00	69.18 5.18 0.00
MENANDS___115KV_TB5 355628	49.71 0.10 0.00	44.28 0.39 0.00	38.79 0.61 0.00	36.43 0.75 0.00	36.33 0.71 0.00	38.88 0.50 0.00	43.79 0.39 0.00	48.63 0.15 0.00	49.95 0.05 0.00	54.34 -0.05 0.29	61.07 -0.12 0.25	71.24 0.00 0.61	79.10 0.71 0.95	92.67 1.29 0.60	100.04 2.55 0.47	123.18 3.53 2.21	151.18 4.85 5.21	229.27 6.74 2.30	251.87 7.34 0.00	220.68 6.01 0.00	156.97 4.72 0.00	98.14 2.30 0.00	78.23 1.00 0.00	64.25 0.26 0.00
MG INDUSTRY___DRP 24185	48.87 -0.74 0.00	43.49 -0.39 0.00	38.03 -0.15 0.00	35.68 0.00 0.00	35.58 -0.04 0.00	38.15 -0.23 0.00	42.97 -0.43 0.00	47.61 -0.87 0.00	48.80 -1.10 0.00	53.16 -1.37 0.16	59.65 -1.66 0.14	69.46 -1.94 0.45	74.96 -1.59 2.79	84.31 -1.38 6.29	94.63 -0.59 2.74	110.66 -0.37 10.83	130.37 -0.15 21.02	184.92 -0.22 39.67	208.04 0.49 36.99	215.08 0.43 0.02	153.14 0.91 0.02	93.87 0.10 2.06	76.61 -0.62 0.00	63.10 -0.90 0.00

MID___OSWEGATCHIE_HYD 23849	51.05 1.44 0.00	45.03 1.14 0.00	38.95 0.76 0.00	36.35 0.68 0.00	36.37 0.75 0.00	39.34 0.96 0.00	44.75 1.35 0.00	50.14 1.65 0.00	51.40 1.50 0.00	56.00 1.31 0.00	62.42 0.98 0.00	72.79 0.93 0.00	79.74 0.40 0.00	92.07 0.09 0.00	94.82 -3.13 0.00	118.25 -3.66 -0.06	147.24 -4.24 0.06	222.57 -2.25 0.00	174.35 -3.18 67.01	212.98 -1.72 -0.03	151.59 -0.76 -0.10	95.74 -0.10 0.00	79.62 2.39 0.00	66.30 2.30 0.00
MID___RAQUETTE_HYD 23851	50.11 0.50 0.00	44.24 0.35 0.00	38.18 0.00 0.00	35.71 0.04 0.00	35.66 0.04 0.00	38.68 0.31 0.00	44.09 0.69 0.00	49.51 1.02 0.00	50.80 0.90 0.00	55.29 0.60 0.00	61.44 0.00 0.00	71.50 -0.36 0.00	77.83 -1.51 0.00	89.21 -2.76 0.00	90.42 -7.54 0.00	93.27 -9.50 19.08	97.06 -11.52 42.96	213.58 -11.24 0.00	129.94 -15.65 98.95	106.66 -13.09 94.91	98.87 -8.83 44.55	91.62 -4.22 0.00	77.38 0.15 0.00	65.15 1.15 0.00
MILLIKEN___1 23584	51.60 1.98 0.00	45.42 1.54 0.00	39.48 1.30 0.00	36.75 1.07 0.00	36.72 1.10 0.00	39.41 1.04 0.00	44.57 1.17 0.00	49.70 1.21 0.00	51.15 1.25 0.00	56.11 1.42 0.00	63.10 1.66 0.00	73.72 1.87 0.00	81.88 2.54 0.00	95.19 3.22 0.00	102.46 4.51 0.00	127.46 5.61 0.00	158.36 6.82 0.00	234.49 9.67 0.00	256.76 12.23 0.00	226.47 11.81 0.00	160.62 8.37 0.00	100.82 4.98 0.00	80.55 3.32 0.00	66.43 2.43 0.00
MILLIKEN___2 23585	51.60 1.98 0.00	45.42 1.54 0.00	39.48 1.30 0.00	36.75 1.07 0.00	36.72 1.10 0.00	39.41 1.04 0.00	44.57 1.17 0.00	49.70 1.21 0.00	51.15 1.25 0.00	56.11 1.42 0.00	63.10 1.66 0.00	73.72 1.87 0.00	81.88 2.54 0.00	95.19 3.22 0.00	102.46 4.51 0.00	127.46 5.61 0.00	158.36 6.82 0.00	234.49 9.67 0.00	256.76 12.23 0.00	226.47 11.81 0.00	160.62 8.37 0.00	100.82 4.98 0.00	80.55 3.32 0.00	66.43 2.43 0.00
MILLIKEN___DIESEL 23629	51.60 1.98 0.00	45.42 1.54 0.00	39.48 1.30 0.00	36.75 1.07 0.00	36.72 1.10 0.00	39.41 1.04 0.00	44.57 1.17 0.00	49.70 1.21 0.00	51.15 1.25 0.00	56.11 1.42 0.00	63.10 1.66 0.00	73.72 1.87 0.00	81.88 2.54 0.00	95.19 3.22 0.00	102.46 4.51 0.00	127.46 5.61 0.00	158.36 6.82 0.00	234.49 9.67 0.00	256.76 12.23 0.00	226.47 11.81 0.00	160.62 8.37 0.00	100.82 4.98 0.00	80.55 3.32 0.00	66.43 2.43 0.00
MILLSEAT___LFGE 323607	53.53 3.92 0.00	46.47 2.59 0.00	40.47 2.29 0.00	37.57 1.89 0.00	37.40 1.78 0.00	39.72 1.34 0.00	43.79 0.39 0.00	49.02 0.53 0.00	51.54 1.64 0.00	56.82 2.13 0.00	64.21 2.77 0.00	74.30 2.44 0.00	81.33 1.98 0.00	93.91 1.93 0.00	102.66 4.70 0.00	126.11 4.26 0.00	154.57 3.03 0.00	224.37 -0.45 0.00	246.26 1.72 0.00	218.53 3.87 0.00	155.29 3.04 0.00	98.81 2.97 0.00	79.93 2.70 0.00	67.71 3.71 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	51.25 1.64 0.00	45.95 2.06 0.00	40.17 1.99 0.00	37.57 1.89 0.00	37.40 1.78 0.00	40.18 1.80 0.00	45.18 1.78 0.00	50.28 1.79 0.00	51.65 1.75 0.00	56.93 1.91 -0.33	63.87 2.15 -0.28	75.28 2.73 -0.70	84.94 4.52 -1.08	98.81 6.16 -0.68	107.11 8.62 -0.53	168.88 11.09 -35.94	250.55 14.09 -84.91	282.26 20.01 -37.43	265.81 21.27 0.00	232.48 17.82 0.00	163.82 11.57 0.00	101.87 6.04 0.00	80.47 3.24 0.00	65.47 1.47 0.00
MILLWOOD_13_KV_LOAD 356217	51.40 1.79 0.00	46.04 2.15 0.00	40.28 2.10 0.00	37.67 2.00 0.00	37.51 1.89 0.00	40.30 1.92 0.00	45.27 1.87 0.00	50.43 1.94 0.00	51.80 1.90 0.00	57.09 2.08 -0.33	64.06 2.33 -0.28	75.57 3.02 -0.70	85.26 4.84 -1.08	99.18 6.53 -0.68	107.60 9.11 -0.53	169.49 11.70 -35.94	251.31 14.85 -84.91	283.38 21.13 -37.43	267.03 22.50 0.00	233.56 18.89 0.00	164.43 12.18 0.00	102.26 6.42 0.00	80.70 3.48 0.00	65.66 1.66 0.00
MODEL_CITY_ENERGY 24167	52.34 2.73 0.00	45.42 1.54 0.00	39.67 1.49 0.00	36.85 1.18 0.00	36.65 1.03 0.00	38.84 0.46 0.00	42.49 -0.91 0.00	47.23 -1.26 0.00	49.90 0.00 0.00	54.96 0.27 0.00	62.24 0.80 0.00	71.78 -0.07 0.00	79.34 0.00 0.00	91.52 -0.46 0.00	100.02 2.06 0.00	122.82 0.97 0.00	149.88 -1.66 0.00	216.51 -8.31 0.00	236.70 -7.83 0.00	210.37 -4.29 0.00	149.35 -2.90 0.00	95.65 -0.19 0.00	76.92 -0.31 0.00	65.60 1.60 0.00
MODERN_LFGE___ 323580	52.34 2.73 0.00	45.42 1.54 0.00	39.67 1.49 0.00	36.85 1.18 0.00	36.65 1.03 0.00	38.84 0.46 0.00	42.49 -0.91 0.00	47.23 -1.26 0.00	49.90 0.00 0.00	54.96 0.27 0.00	62.24 0.80 0.00	71.78 -0.07 0.00	79.34 0.00 0.00	91.52 -0.46 0.00	100.02 2.06 0.00	122.82 0.97 0.00	149.88 -1.66 0.00	216.51 -8.31 0.00	236.70 -7.83 0.00	210.37 -4.29 0.00	149.35 -2.90 0.00	95.65 -0.19 0.00	76.92 -0.31 0.00	65.60 1.60 0.00
MOHAWK_PAPER___DRP 24187	50.11 0.50 0.00	44.63 0.75 0.00	39.06 0.88 0.00	36.64 0.96 0.00	36.55 0.93 0.00	39.14 0.77 0.00	44.09 0.69 0.00	48.97 0.48 0.00	50.35 0.45 0.00	54.72 0.33 0.29	61.50 0.31 0.25	71.74 0.50 0.62	79.66 1.27 0.95	93.40 2.02 0.60	100.72 3.23 0.47	124.04 4.39 2.20	152.41 6.06 5.19	231.30 8.77 2.29	254.07 9.54 0.00	223.04 8.37 0.00	158.49 6.24 0.00	99.10 3.26 0.00	78.93 1.70 0.00	64.83 0.83 0.00
MOHICAN___35_KV_115KV_LD 80490	51.45 1.84 0.00	45.69 1.80 0.00	39.98 1.79 0.00	37.35 1.68 0.00	37.26 1.64 0.00	40.10 1.73 0.00	45.18 1.78 0.00	50.23 1.75 0.00	51.70 1.80 0.00	56.08 1.70 0.30	62.42 1.23 0.25	72.81 1.58 0.63	80.75 2.38 0.97	94.68 3.31 0.61	101.79 4.31 0.48	126.15 6.34 2.04	155.52 8.79 4.82	236.18 13.49 2.12	262.39 17.85 0.00	231.62 16.96 0.00	165.34 13.09 0.00	102.93 7.09 0.00	81.86 4.63 0.00	67.13 3.14 0.00
MONGAUP___HYD 23641	51.45 1.84 0.00	45.81 1.93 0.00	40.05 1.87 0.00	37.39 1.71 0.00	37.33 1.71 0.00	40.11 1.73 0.00	45.14 1.74 0.00	50.08 1.60 0.00	51.35 1.45 0.00	56.49 1.53 -0.28	63.33 1.66 -0.23	74.67 2.23 -0.59	83.90 3.65 -0.90	97.69 5.15 -0.57	110.19 7.15 -5.09	146.34 8.53 -15.96	200.77 11.51 -37.72	256.74 15.30 -16.63	262.38 17.84 0.00	230.55 15.88 0.00	164.43 12.18 0.00	103.03 7.19 0.00	81.32 4.09 0.00	66.17 2.18 0.00
MONTAUK___DIESEL 23721	52.23 2.63 0.02	48.49 4.61 0.00	42.69 4.51 0.00	39.67 4.00 0.00	39.36 3.74 0.00	42.37 3.99 0.00	46.79 3.39 0.00	51.54 3.05 0.00	52.79 3.29 0.40	54.08 3.99 4.60	66.98 5.41 -0.13	79.41 7.33 -0.23	92.65 12.22 -1.09	111.45 16.19 -3.29	124.93 19.79 -7.19	240.51 22.66 -96.00	273.56 27.58 -94.43	304.47 40.24 -39.41	279.99 42.55 7.09	263.53 35.85 -13.02	211.43 26.34 -32.84	109.74 13.90 -0.01	84.89 8.73 1.06	68.89 5.18 0.29
MOONROAD_115KV_HARTFLD_TB1-2 355988	54.18 4.56 0.00	47.05 3.16 0.00	41.01 2.83 0.00	37.89 2.21 0.00	37.94 2.32 0.00	40.22 1.84 0.00	45.27 1.87 0.00	50.52 2.04 0.00	52.84 2.94 0.00	58.73 4.05 0.00	66.72 5.28 0.00	77.32 5.46 0.00	86.24 6.90 0.00	99.06 7.08 0.00	108.73 10.78 0.00	133.91 12.06 0.00	163.97 12.43 0.00	234.71 9.89 0.00	256.76 12.23 0.00	228.40 13.74 0.00	161.08 8.83 0.00	102.16 6.33 0.00	81.71 4.48 0.00	68.41 4.42 0.00

MORRIS_RIDGE___SOLAR 323848	52.49 2.88 0.00	45.81 1.93 0.00	39.90 1.72 0.00	37.10 1.43 0.00	36.94 1.32 0.00	39.37 1.00 0.00	43.88 0.48 0.00	48.58 0.10 0.00	50.60 0.70 0.00	55.62 0.93 0.00	62.91 1.47 0.00	73.08 1.22 0.00	81.17 1.83 0.00	93.72 1.74 0.00	101.98 4.02 0.00	125.87 4.02 0.00	154.73 3.19 0.00	225.27 0.45 0.00	247.23 2.69 0.00	220.67 6.00 0.00	156.67 4.42 0.00	99.38 3.55 0.00	79.62 2.40 0.00	67.00 3.01 0.00
MORTIMER_115KV_TB3 55949	51.95 2.33 0.00	45.29 1.40 0.00	39.44 1.26 0.00	36.53 0.86 0.00	36.51 0.89 0.00	38.88 0.50 0.00	43.53 0.13 0.00	48.92 0.44 0.00	50.80 0.90 0.00	56.27 1.59 0.00	63.53 2.09 0.00	74.08 2.23 0.00	81.88 2.54 0.00	94.73 2.76 0.00	102.76 4.80 0.00	126.85 5.00 0.00	156.39 4.85 0.00	228.64 3.82 0.00	250.16 5.62 0.00	220.89 6.23 0.00	156.97 4.72 0.00	99.29 3.45 0.00	79.54 2.32 0.00	66.30 2.30 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	51.65 2.03 0.00	46.34 2.46 0.00	40.55 2.37 0.00	37.89 2.21 0.00	37.72 2.10 0.00	40.56 2.19 0.00	45.61 2.21 0.00	50.77 2.28 0.00	52.25 2.35 0.00	57.59 2.57 -0.33	64.43 2.70 -0.28	76.01 3.45 -0.70	85.82 5.40 -1.09	99.83 7.17 -0.68	108.39 9.89 -0.53	177.17 12.55 -42.77	268.50 15.91 -101.04	292.07 22.71 -44.54	268.74 24.21 0.00	234.84 20.18 0.00	165.34 13.09 0.00	102.74 6.90 0.00	81.01 3.78 0.00	65.85 1.86 0.00
MUNSVILLE_WIND_PWR 323609	54.82 5.21 0.00	48.32 4.43 0.00	41.85 3.67 0.00	38.92 3.25 0.00	39.04 3.42 0.00	42.02 3.65 0.00	47.70 4.30 0.00	53.19 4.70 0.00	54.69 4.79 0.00	59.61 4.92 0.00	66.97 5.53 0.00	78.25 6.39 0.00	86.96 7.62 0.00	101.63 9.65 0.00	110.00 12.05 0.00	137.57 15.72 0.00	171.24 19.69 0.00	255.16 30.34 0.00	280.24 35.70 0.00	246.66 31.99 0.00	174.78 22.53 0.00	109.15 13.32 0.00	86.41 9.19 0.00	71.10 7.10 0.00
N SALMON___HYD 24042	50.16 0.55 0.00	44.37 0.48 0.00	38.34 0.15 0.00	35.89 0.22 0.00	35.90 0.28 0.00	38.95 0.58 0.00	44.44 1.04 0.00	49.94 1.45 0.00	51.10 1.20 0.00	55.89 1.20 0.00	62.67 1.23 0.00	73.15 1.29 0.00	79.58 0.24 0.00	90.60 -1.38 0.00	93.85 -4.11 0.00	109.42 -5.36 7.07	129.28 -6.36 15.90	218.97 -5.85 0.00	205.23 -7.58 31.72	173.29 -6.23 35.14	131.64 -4.10 16.50	93.54 -2.30 0.00	77.54 0.31 0.00	64.77 0.77 0.00
N.AKRON__115KV_KNAPP 355671	53.38 3.77 0.00	46.26 2.37 0.00	40.36 2.18 0.00	37.25 1.57 0.00	37.26 1.64 0.00	39.41 1.04 0.00	43.57 0.17 0.00	48.73 0.24 0.00	50.85 0.95 0.00	56.49 1.80 0.00	63.90 2.46 0.00	73.79 1.94 0.00	81.48 2.14 0.00	93.81 1.84 0.00	102.56 4.60 0.00	126.11 4.26 0.00	154.42 2.88 0.00	223.92 -0.90 0.00	245.76 1.22 0.00	218.31 3.65 0.00	154.99 2.74 0.00	98.62 2.78 0.00	79.70 2.47 0.00	66.87 2.88 0.00
N.E_GEN_SANDY PD 24062	50.31 0.69 0.00	44.98 1.10 0.00	39.44 1.26 0.00	36.92 1.25 0.00	36.87 1.25 0.00	39.49 1.11 0.00	44.44 1.04 0.00	49.17 0.68 0.00	50.50 0.60 0.00	53.00 0.49 2.18	60.08 0.49 1.85	68.04 0.79 4.61	74.20 1.98 7.13	90.64 3.13 4.47	98.00 4.70 4.66	124.20 6.33 3.99	150.76 8.63 9.42	232.80 12.13 4.15	257.00 12.46 0.00	224.97 10.30 0.00	159.93 7.76 0.08	100.03 4.12 -0.08	79.31 2.09 0.00	64.70 0.71 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	51.20 1.59 0.00	45.86 1.97 0.00	40.09 1.91 0.00	37.50 1.82 0.00	37.37 1.75 0.00	40.10 1.73 0.00	45.09 1.69 0.00	50.14 1.65 0.00	51.55 1.65 0.00	56.80 1.80 -0.31	63.73 2.03 -0.26	75.17 2.66 -0.66	84.80 4.44 -1.02	98.68 6.07 -0.64	106.98 8.52 -0.50	160.53 10.97 -27.72	231.11 14.09 -65.48	273.69 20.01 -28.86	265.81 21.27 0.00	232.27 17.60 0.00	163.51 11.27 0.00	101.78 5.94 0.00	80.32 3.09 0.00	65.34 1.34 0.00
N.QUEENS_27_KV_LOAD 356247	52.20 2.58 -0.01	46.69 2.81 0.00	40.85 2.67 0.00	38.10 2.43 0.00	37.94 2.32 0.00	40.87 2.49 0.00	46.09 2.69 0.00	51.06 2.57 0.00	52.44 2.54 0.00	57.97 2.95 -0.33	64.43 2.70 -0.28	75.93 3.38 -0.70	85.74 5.32 -1.09	99.83 7.17 -0.68	108.50 9.99 -0.55	178.38 12.55 -43.98	271.10 15.91 -103.64	295.65 22.71 -48.12	271.52 24.21 -2.77	236.87 19.96 -2.25	165.05 12.79 -0.01	102.46 6.61 -0.01	80.71 3.48 -0.01	65.54 1.54 -0.01
N.TROY___115KV_TB1 355778	50.56 0.94 0.00	45.03 1.14 0.00	39.44 1.26 0.00	36.92 1.25 0.00	36.83 1.21 0.00	39.53 1.15 0.00	44.53 1.13 0.00	49.41 0.92 0.00	50.75 0.85 0.00	55.01 0.71 0.39	61.78 0.68 0.33	71.96 0.93 0.83	79.88 1.82 1.28	93.84 2.67 0.80	101.25 3.92 0.63	124.98 5.36 2.23	153.70 7.43 5.27	233.29 10.79 2.32	256.52 11.98 0.00	224.97 10.30 0.00	160.17 7.92 0.00	100.15 4.31 0.00	79.78 2.55 0.00	65.47 1.47 0.00
NARROWS_GT1_1 24228	52.24 2.63 0.00	46.88 2.99 -0.01	41.02 2.83 -0.01	38.29 2.60 -0.01	38.19 2.57 -0.01	40.96 2.57 -0.01	46.01 2.60 -0.01	50.91 2.42 0.00	51.94 2.05 0.01	57.58 2.57 -0.32	64.29 2.58 -0.27	75.93 3.38 -0.69	85.89 5.47 -1.08	100.01 7.36 -0.67	120.79 9.89 -12.95	177.09 12.55 -42.69	211.73 15.61 -44.57	284.19 22.26 -37.11	262.44 23.71 5.81	211.86 20.17 22.98	129.06 13.10 36.28	94.41 6.90 8.33	71.20 3.78 9.81	65.65 1.66 0.01
NARROWS_GT1_2 24229	52.24 2.63 0.00	46.88 2.99 -0.01	41.02 2.83 -0.01	38.29 2.60 -0.01	38.19 2.57 -0.01	40.96 2.57 -0.01	46.01 2.60 -0.01	50.91 2.42 0.00	51.94 2.05 0.01	57.58 2.57 -0.32	64.29 2.58 -0.27	75.93 3.38 -0.69	85.89 5.47 -1.08	100.01 7.36 -0.67	120.79 9.89 -12.95	177.09 12.55 -42.69	211.73 15.61 -44.57	284.19 22.26 -37.11	262.44 23.71 5.81	211.86 20.17 22.98	129.06 13.10 36.28	94.41 6.90 8.33	71.20 3.78 9.81	65.65 1.66 0.01
NARROWS_GT1_3 24230	52.24 2.63 0.00	46.88 2.99 -0.01	41.02 2.83 -0.01	38.29 2.60 -0.01	38.19 2.57 -0.01	40.96 2.57 -0.01	46.01 2.60 -0.01	50.91 2.42 0.00	51.94 2.05 0.01	57.58 2.57 -0.32	64.29 2.58 -0.27	75.93 3.38 -0.69	85.89 5.47 -1.08	100.01 7.36 -0.67	120.79 9.89 -12.95	177.09 12.55 -42.69	211.73 15.61 -44.57	284.19 22.26 -37.11	262.44 23.71 5.81	211.86 20.17 22.98	129.06 13.10 36.28	94.41 6.90 8.33	71.20 3.78 9.81	65.65 1.66 0.01
NARROWS_GT1_4 24231	52.24 2.63 0.00	46.88 2.99 -0.01	41.02 2.83 -0.01	38.29 2.60 -0.01	38.19 2.57 -0.01	40.96 2.57 -0.01	46.01 2.60 -0.01	50.91 2.42 0.00	51.94 2.05 0.01	57.58 2.57 -0.32	64.29 2.58 -0.27	75.93 3.38 -0.69	85.89 5.47 -1.08	100.01 7.36 -0.67	120.79 9.89 -12.95	177.09 12.55 -42.69	211.73 15.61 -44.57	284.19 22.26 -37.11	262.44 23.71 5.81	211.86 20.17 22.98	129.06 13.10 36.28	94.41 6.90 8.33	71.20 3.78 9.81	65.65 1.66 0.01
NARROWS_GT1_5 24232	52.24 2.63 0.00	46.88 2.99 -0.01	41.02 2.83 -0.01	38.29 2.60 -0.01	38.19 2.57 -0.01	40.96 2.57 -0.01	46.01 2.60 -0.01	50.91 2.42 0.00	51.94 2.05 0.01	57.58 2.57 -0.32	64.29 2.58 -0.27	75.93 3.38 -0.69	85.89 5.47 -1.08	100.01 7.36 -0.67	120.79 9.89 -12.95	177.09 12.55 -42.69	211.73 15.61 -44.57	284.19 22.26 -37.11	262.44 23.71 5.81	211.86 20.17 22.98	129.06 13.10 36.28	94.41 6.90 8.33	71.20 3.78 9.81	65.65 1.66 0.01

NARROWS_GT1_6 24233	52.24 2.63 0.00	46.88 2.99 -0.01	41.02 2.83 -0.01	38.29 2.60 -0.01	38.19 2.57 -0.01	40.96 2.57 -0.01	46.01 2.60 -0.01	50.91 2.42 0.00	51.94 2.05 0.01	57.58 2.57 -0.32	64.29 2.58 -0.27	75.93 3.38 -0.69	85.89 5.47 -1.08	100.01 7.36 -0.67	120.79 9.89 -12.95	177.09 12.55 -42.69	211.73 15.61 -44.57	284.19 22.26 -37.11	262.44 23.71 5.81	211.86 20.17 22.98	129.06 13.10 36.28	94.41 6.90 8.33	71.20 3.78 9.81	65.65 1.66 0.01
NARROWS_GT1_7 24234	52.24 2.63 0.00	46.88 2.99 -0.01	41.02 2.83 -0.01	38.29 2.60 -0.01	38.19 2.57 -0.01	40.96 2.57 -0.01	46.01 2.60 -0.01	50.91 2.42 0.00	51.94 2.05 0.01	57.58 2.57 -0.32	64.29 2.58 -0.27	75.93 3.38 -0.69	85.89 5.47 -1.08	100.01 7.36 -0.67	120.79 9.89 -12.95	177.09 12.55 -42.69	211.73 15.61 -44.57	284.19 22.26 -37.11	262.44 23.71 5.81	211.86 20.17 22.98	129.06 13.10 36.28	94.41 6.90 8.33	71.20 3.78 9.81	65.65 1.66 0.01
NARROWS_GT1_8 24235	52.24 2.63 0.00	46.88 2.99 -0.01	41.02 2.83 -0.01	38.29 2.60 -0.01	38.19 2.57 -0.01	40.96 2.57 -0.01	46.01 2.60 -0.01	50.91 2.42 0.00	51.94 2.05 0.01	57.58 2.57 -0.32	64.29 2.58 -0.27	75.93 3.38 -0.69	85.89 5.47 -1.08	100.01 7.36 -0.67	120.79 9.89 -12.95	177.09 12.55 -42.69	211.73 15.61 -44.57	284.19 22.26 -37.11	262.44 23.71 5.81	211.86 20.17 22.98	129.06 13.10 36.28	94.41 6.90 8.33	71.20 3.78 9.81	65.65 1.66 0.01
NARROWS_GT2_1 24236	52.24 2.63 0.00	46.88 2.99 -0.01	41.02 2.83 -0.01	38.29 2.60 -0.01	38.19 2.57 -0.01	40.96 2.57 -0.01	46.01 2.60 -0.01	50.91 2.42 0.00	51.95 2.05 0.00	57.59 2.57 -0.33	64.29 2.58 -0.27	75.93 3.38 -0.69	85.89 5.47 -1.08	100.01 7.36 -0.67	120.79 9.89 -12.95	177.09 12.55 -42.69	211.73 15.61 -44.57	284.19 22.26 -37.11	262.44 23.71 5.81	211.86 20.17 22.98	129.06 13.10 36.28	94.41 6.90 8.33	71.20 3.78 9.81	65.65 1.66 0.01
NARROWS_GT2_2 24237	52.24 2.63 0.00	46.88 2.99 -0.01	41.02 2.83 -0.01	38.29 2.60 -0.01	38.19 2.57 -0.01	40.96 2.57 -0.01	46.01 2.60 -0.01	50.91 2.42 0.00	51.95 2.05 0.00	57.59 2.57 -0.33	64.29 2.58 -0.27	75.93 3.38 -0.69	85.89 5.47 -1.08	100.01 7.36 -0.67	120.79 9.89 -12.95	177.09 12.55 -42.69	211.73 15.61 -44.57	284.19 22.26 -37.11	262.44 23.71 5.81	211.86 20.17 22.98	129.06 13.10 36.28	94.41 6.90 8.33	71.20 3.78 9.81	65.65 1.66 0.01
NARROWS_GT2_3 24238	52.24 2.63 0.00	46.88 2.99 -0.01	41.02 2.83 -0.01	38.29 2.60 -0.01	38.19 2.57 -0.01	40.96 2.57 -0.01	46.01 2.60 -0.01	50.91 2.42 0.00	51.95 2.05 0.00	57.59 2.57 -0.33	64.29 2.58 -0.27	75.93 3.38 -0.69	85.89 5.47 -1.08	100.01 7.36 -0.67	120.79 9.89 -12.95	177.09 12.55 -42.69	211.73 15.61 -44.57	284.19 22.26 -37.11	262.44 23.71 5.81	211.86 20.17 22.98	129.06 13.10 36.28	94.41 6.90 8.33	71.20 3.78 9.81	65.65 1.66 0.01
NARROWS_GT2_4 24239	52.24 2.63 0.00	46.88 2.99 -0.01	41.02 2.83 -0.01	38.29 2.60 -0.01	38.19 2.57 -0.01	40.96 2.57 -0.01	46.01 2.60 -0.01	50.91 2.42 0.00	51.95 2.05 0.00	57.59 2.57 -0.33	64.29 2.58 -0.27	75.93 3.38 -0.69	85.89 5.47 -1.08	100.01 7.36 -0.67	120.79 9.89 -12.95	177.09 12.55 -42.69	211.73 15.61 -44.57	284.19 22.26 -37.11	262.44 23.71 5.81	211.86 20.17 22.98	129.06 13.10 36.28	94.41 6.90 8.33	71.20 3.78 9.81	65.65 1.66 0.01
NARROWS_GT2_5 24240	52.24 2.63 0.00	46.88 2.99 -0.01	41.02 2.83 -0.01	38.29 2.60 -0.01	38.19 2.57 -0.01	40.96 2.57 -0.01	46.01 2.60 -0.01	50.91 2.42 0.00	51.95 2.05 0.00	57.59 2.57 -0.33	64.29 2.58 -0.27	75.93 3.38 -0.69	85.89 5.47 -1.08	100.01 7.36 -0.67	120.79 9.89 -12.95	177.09 12.55 -42.69	211.73 15.61 -44.57	284.19 22.26 -37.11	262.44 23.71 5.81	211.86 20.17 22.98	129.06 13.10 36.28	94.41 6.90 8.33	71.20 3.78 9.81	65.65 1.66 0.01
NARROWS_GT2_6 24241	52.24 2.63 0.00	46.88 2.99 -0.01	41.02 2.83 -0.01	38.29 2.60 -0.01	38.19 2.57 -0.01	40.96 2.57 -0.01	46.01 2.60 -0.01	50.91 2.42 0.00	51.95 2.05 0.00	57.59 2.57 -0.33	64.29 2.58 -0.27	75.93 3.38 -0.69	85.89 5.47 -1.08	100.01 7.36 -0.67	120.79 9.89 -12.95	177.09 12.55 -42.69	211.73 15.61 -44.57	284.19 22.26 -37.11	262.44 23.71 5.81	211.86 20.17 22.98	129.06 13.10 36.28	94.41 6.90 8.33	71.20 3.78 9.81	65.65 1.66 0.01
NARROWS_GT2_7 24242	52.24 2.63 0.00	46.88 2.99 -0.01	41.02 2.83 -0.01	38.29 2.60 -0.01	38.19 2.57 -0.01	40.96 2.57 -0.01	46.01 2.60 -0.01	50.91 2.42 0.00	51.95 2.05 0.00	57.59 2.57 -0.33	64.29 2.58 -0.27	75.93 3.38 -0.69	85.89 5.47 -1.08	100.01 7.36 -0.67	120.79 9.89 -12.95	177.09 12.55 -42.69	211.73 15.61 -44.57	284.19 22.26 -37.11	262.44 23.71 5.81	211.86 20.17 22.98	129.06 13.10 36.28	94.41 6.90 8.33	71.20 3.78 9.81	65.65 1.66 0.01
NARROWS_GT2_8 24243	52.24 2.63 0.00	46.88 2.99 -0.01	41.02 2.83 -0.01	38.29 2.60 -0.01	38.19 2.57 -0.01	40.96 2.57 -0.01	46.01 2.60 -0.01	50.91 2.42 0.00	51.95 2.05 0.00	57.59 2.57 -0.33	64.29 2.58 -0.27	75.93 3.38 -0.69	85.89 5.47 -1.08	100.01 7.36 -0.67	120.79 9.89 -12.95	177.09 12.55 -42.69	211.73 15.61 -44.57	284.19 22.26 -37.11	262.44 23.71 5.81	211.86 20.17 22.98	129.06 13.10 36.28	94.41 6.90 8.33	71.20 3.78 9.81	65.65 1.66 0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	50.26 0.64 0.00	44.63 0.75 0.00	39.02 0.84 0.00	36.57 0.89 0.00	36.51 0.89 0.00	39.11 0.73 0.00	44.09 0.69 0.00	48.87 0.39 0.00	49.95 0.05 0.00	54.90 0.33 0.11	61.47 0.12 0.09	71.84 0.36 0.38	77.12 1.03 3.25	85.91 1.75 7.81	97.66 3.04 3.33	113.61 4.51 12.75	133.89 6.67 24.32	186.42 11.02 49.41	211.16 13.69 47.07	226.02 11.38 0.02	161.06 8.83 0.02	98.19 4.98 2.63	79.54 2.32 0.00	65.21 1.22 0.00
NCHELSEA_115KV_TR2 355582	51.50 1.89 0.00	45.99 2.11 0.00	40.24 2.06 0.00	37.60 1.93 0.00	37.47 1.85 0.00	40.26 1.88 0.00	45.31 1.91 0.00	50.38 1.89 0.00	51.80 1.90 0.00	57.03 2.08 -0.27	64.06 2.40 -0.23	75.51 3.09 -0.56	84.97 4.76 -0.87	99.05 6.53 -0.54	107.40 9.01 -0.43	133.43 11.58 0.00	166.55 15.00 0.00	246.63 21.81 0.00	268.01 23.48 0.00	234.41 19.75 0.00	165.34 13.09 0.00	103.02 7.19 0.00	81.32 4.09 0.00	66.17 2.18 0.00
NEG CAPITAL___MECHNVIL 23645	51.50 1.88 0.00	45.77 1.89 0.00	40.01 1.83 0.00	37.39 1.71 0.00	37.33 1.71 0.00	40.11 1.73 0.00	45.22 1.82 0.00	50.18 1.70 0.00	51.60 1.70 0.00	56.05 1.70 0.34	62.82 1.66 0.28	73.23 2.09 0.71	81.26 3.01 1.10	95.52 4.23 0.69	102.09 5.29 1.15	127.05 7.31 2.11	156.41 9.84 4.98	237.23 14.60 2.20	261.65 17.11 0.00	230.33 15.66 0.00	163.97 11.72 0.00	102.36 6.52 0.00	81.47 4.24 0.00	66.74 2.75 0.00
NEG CENTRAL_HIGH_ACRES 23767	50.80 1.19 0.00	44.46 0.57 0.00	38.60 0.42 0.00	35.93 0.25 0.00	35.80 0.18 0.00	38.26 -0.11 0.00	42.88 -0.52 0.00	48.05 -0.44 0.00	50.10 0.20 0.00	55.12 0.44 0.00	62.24 0.80 0.00	72.65 0.79 0.00	80.30 0.96 0.00	93.17 1.19 0.00	100.80 2.84 0.00	124.77 2.92 0.00	154.12 2.57 0.00	225.95 1.13 0.00	246.98 2.45 0.00	217.89 3.22 0.00	154.83 2.59 0.00	97.56 1.73 0.00	78.16 0.93 0.00	65.15 1.15 0.00

NEG CENTRAL___DRP 24199	51.35 1.74 0.00	45.16 1.27 0.00	39.21 1.03 0.00	36.46 0.78 0.00	36.44 0.82 0.00	39.07 0.69 0.00	44.09 0.69 0.00	49.21 0.73 0.00	50.70 0.80 0.00	55.83 1.15 0.00	62.98 1.54 0.00	73.58 1.72 0.00	81.64 2.30 0.00	94.64 2.67 0.00	101.78 3.82 0.00	126.60 4.75 0.00	156.69 5.15 0.00	230.66 5.85 0.00	250.84 8.07 1.76	222.82 8.16 0.00	158.04 5.79 0.00	99.29 3.45 0.00	79.78 2.55 0.00	65.98 1.98 0.00
NEG CENTRAL___INDECK 23768	52.74 3.13 0.00	45.95 2.06 0.00	39.86 1.68 0.00	37.03 1.36 0.00	36.90 1.28 0.00	39.41 1.04 0.00	44.09 0.69 0.00	49.12 0.63 0.00	50.75 0.85 0.00	55.56 0.87 0.00	62.48 1.04 0.00	72.65 0.79 0.00	80.45 1.11 0.00	90.50 -1.48 0.00	98.65 0.69 0.00	122.09 0.24 0.00	150.94 -0.60 0.00	220.78 -4.04 0.00	244.54 0.00 0.00	217.67 3.00 0.00	155.90 3.65 0.00	98.81 2.97 0.00	81.16 3.94 0.00	67.83 3.84 0.00
NEG CENTRAL___SENECA 23627	51.99 2.38 0.00	45.73 1.84 0.00	39.71 1.53 0.00	36.85 1.18 0.00	36.87 1.25 0.00	39.45 1.07 0.00	44.49 1.08 0.00	49.65 1.16 0.00	51.10 1.20 0.00	56.33 1.64 0.00	63.59 2.15 0.00	74.23 2.37 0.00	82.44 3.09 0.00	95.38 3.40 0.00	102.56 4.60 0.00	127.70 5.85 0.00	157.76 6.21 0.00	231.79 6.97 0.00	254.07 9.54 0.00	224.33 9.66 0.00	159.10 6.85 0.00	100.05 4.22 0.00	80.55 3.32 0.00	66.75 2.75 0.00
NEG CENTRAL___STATE_STREET 24147	50.85 1.24 0.00	44.76 0.88 0.00	38.91 0.73 0.00	36.21 0.54 0.00	36.19 0.57 0.00	38.84 0.46 0.00	43.88 0.48 0.00	49.02 0.53 0.00	50.50 0.60 0.00	55.51 0.82 0.00	62.55 1.11 0.00	73.15 1.29 0.00	81.09 1.75 0.00	94.27 2.30 0.00	101.39 3.43 0.00	126.12 4.26 0.00	156.54 5.00 0.00	231.11 6.29 0.00	250.96 8.31 1.89	222.82 8.16 0.00	158.04 5.79 0.00	99.19 3.35 0.00	79.39 2.16 0.00	65.47 1.47 0.00
NEG MILLWOOD___DRP 24198	51.65 2.03 0.00	46.17 2.28 0.00	40.36 2.18 0.00	37.75 2.07 0.00	37.62 1.99 0.00	40.41 2.03 0.00	45.40 2.00 0.00	50.57 2.08 0.00	52.00 2.10 0.00	57.28 2.30 -0.30	64.33 2.64 -0.25	76.00 3.52 -0.63	85.63 5.32 -0.97	99.66 7.08 -0.61	108.13 9.70 -0.48	130.60 12.55 3.81	158.47 15.91 8.99	244.24 23.38 3.96	269.48 24.94 0.00	235.49 20.82 0.00	166.10 13.85 0.00	103.41 7.57 0.00	81.55 4.32 0.00	66.23 2.24 0.00
NEG NORTH_FLCN_SEA 23793	49.27 -0.35 0.00	43.89 0.00 0.00	37.99 -0.19 0.00	35.60 -0.07 0.00	35.62 0.00 0.00	38.61 0.23 0.00	44.01 0.61 0.00	48.97 0.48 0.00	50.35 0.45 0.00	55.07 0.38 0.00	61.93 0.49 0.00	72.29 0.43 0.00	78.79 -0.56 0.00	90.69 -1.29 0.00	93.75 -4.21 0.00	115.06 -5.36 1.43	141.84 -6.52 3.19	217.85 -6.97 0.00	235.98 -8.56 0.00	200.30 -7.30 7.06	143.59 -5.33 3.33	92.67 -3.16 0.00	76.07 -1.16 0.00	63.55 -0.45 0.00
NEG NORTH_KES_CHATEGAY 23792	49.37 -0.25 0.00	43.71 -0.18 0.00	37.84 -0.34 0.00	35.46 -0.21 0.00	35.44 -0.18 0.00	38.45 0.08 0.00	43.79 0.39 0.00	48.97 0.48 0.00	50.30 0.40 0.00	55.01 0.33 0.00	61.75 0.31 0.00	72.07 0.22 0.00	78.55 -0.79 0.00	90.32 -1.66 0.00	93.55 -4.41 0.00	113.36 -5.48 3.01	138.12 -6.67 6.75	217.40 -7.42 0.00	226.75 -8.80 8.99	192.21 -7.51 14.94	139.90 -5.33 7.02	92.67 -3.16 0.00	76.15 -1.08 0.00	63.61 -0.38 0.00
NEG NORTH___ALICE_FALLS 23915	49.81 0.20 0.00	44.24 0.35 0.00	38.26 0.08 0.00	35.85 0.18 0.00	35.87 0.25 0.00	38.88 0.50 0.00	44.31 0.91 0.00	49.41 0.92 0.00	50.80 0.90 0.00	55.62 0.93 0.00	62.42 0.98 0.00	72.93 1.08 0.00	79.42 0.08 0.00	91.42 -0.55 0.00	94.43 -3.53 0.00	115.46 -4.63 1.76	142.15 -5.46 3.93	219.42 -5.40 0.00	235.95 -6.60 1.98	200.59 -5.37 8.71	144.34 -3.81 4.10	93.54 -2.30 0.00	76.92 -0.31 0.00	64.19 0.19 0.00
NEG NORTH___LWR_SARANAC 23913	49.81 0.20 0.00	44.24 0.35 0.00	38.26 0.08 0.00	35.85 0.18 0.00	35.87 0.25 0.00	38.88 0.50 0.00	44.31 0.91 0.00	49.41 0.92 0.00	50.80 0.90 0.00	55.62 0.93 0.00	62.42 0.98 0.00	72.93 1.08 0.00	79.42 0.08 0.00	91.42 -0.55 0.00	94.43 -3.53 0.00	115.46 -4.63 1.76	142.15 -5.46 3.93	219.42 -5.40 0.00	235.95 -6.60 1.98	200.59 -5.37 8.71	144.34 -3.81 4.10	93.54 -2.30 0.00	76.92 -0.31 0.00	64.19 0.19 0.00
NEG NORTH___PLATTSBURG 23628	49.81 0.20 0.00	44.24 0.35 0.00	38.26 0.08 0.00	35.82 0.14 0.00	35.87 0.25 0.00	38.87 0.50 0.00	44.31 0.91 0.00	49.75 1.26 0.00	50.80 0.90 0.00	55.62 0.93 0.00	62.42 0.98 0.00	72.93 1.08 0.00	79.42 0.08 0.00	90.60 -1.38 0.00	94.44 -3.52 0.00	115.46 -4.63 1.76	142.16 -5.45 3.93	219.42 -5.40 0.00	235.96 -6.59 1.98	200.60 -5.36 8.71	144.35 -3.80 4.10	93.54 -2.30 0.00	76.92 -0.31 0.00	64.19 0.19 0.00
NEG WEST_LEA_LOCKPORT 23791	52.44 2.83 0.00	45.42 1.54 0.00	39.71 1.53 0.00	36.64 0.96 0.00	36.65 1.03 0.00	38.72 0.35 0.00	42.75 -0.65 0.00	47.61 -0.87 0.00	49.85 -0.05 0.00	55.34 0.66 0.00	62.67 1.23 0.00	72.14 0.29 0.00	79.98 0.63 0.00	91.88 -0.09 0.00	100.51 2.55 0.00	123.43 1.58 0.00	150.63 -0.91 0.00	217.62 -7.19 0.00	238.18 -6.36 0.00	211.66 -3.01 0.00	150.27 -1.98 0.00	96.12 0.29 0.00	77.38 0.15 0.00	65.21 1.22 0.00
NEG WEST___LANCASTR 23811	52.19 2.58 0.00	45.33 1.45 0.00	39.52 1.34 0.00	36.53 0.86 0.00	36.51 0.89 0.00	38.72 0.35 0.00	43.18 -0.22 0.00	48.05 -0.44 0.00	50.25 0.35 0.00	55.83 1.15 0.00	63.35 1.90 0.00	73.36 1.51 0.00	81.72 2.38 0.00	94.09 2.12 0.00	103.05 5.09 0.00	127.09 5.24 0.00	155.79 4.24 0.00	224.82 0.00 0.00	246.00 1.47 0.00	218.53 3.86 0.00	154.23 1.98 0.00	98.04 2.20 0.00	78.46 1.24 0.00	65.85 1.86 0.00
NEG_PENN_ALLEGHNY 23528	51.30 1.69 0.00	45.20 1.32 0.00	39.33 1.14 0.00	36.64 0.96 0.00	36.58 0.96 0.00	39.22 0.84 0.00	44.18 0.78 0.00	49.17 0.68 0.00	50.95 1.05 0.00	55.95 1.26 0.00	63.10 1.66 0.00	73.65 1.80 0.00	81.88 2.54 0.00	95.28 3.31 0.00	102.76 4.80 0.00	127.58 5.73 0.00	158.06 6.51 0.00	232.68 7.86 0.00	254.06 9.53 0.00	223.68 9.01 0.00	158.34 6.10 0.00	99.67 3.84 0.00	79.54 2.31 0.00	65.98 1.99 0.00
NEG___GEN_MONROE 24207	52.29 2.68 0.00	45.47 1.58 0.00	39.59 1.41 0.00	36.64 0.96 0.00	36.65 1.03 0.00	39.03 0.65 0.00	43.66 0.26 0.00	48.97 0.48 0.00	50.90 1.00 0.00	56.33 1.64 0.00	63.59 2.15 0.00	74.01 2.16 0.00	81.72 2.38 0.00	94.37 2.39 0.00	102.46 4.51 0.00	126.36 4.51 0.00	155.79 4.24 0.00	227.52 2.70 0.00	249.18 4.65 0.00	220.68 6.01 0.00	156.66 4.42 0.00	99.29 3.45 0.00	79.85 2.63 0.00	66.68 2.69 0.00
NEPA___ENERGY 23901	53.04 3.42 0.00	46.08 2.19 0.00	40.21 2.02 0.00	37.17 1.50 0.00	37.19 1.57 0.00	39.41 1.04 0.00	43.96 0.56 0.00	48.78 0.29 0.00	51.05 1.15 0.00	56.66 1.97 0.00	64.27 2.83 0.00	74.44 2.59 0.00	82.91 3.57 0.00	95.38 3.40 0.00	104.42 6.47 0.00	128.80 6.95 0.00	158.06 6.52 0.00	228.42 3.60 0.00	249.92 5.38 0.00	221.96 7.30 0.00	156.66 4.42 0.00	99.57 3.74 0.00	79.62 2.39 0.00	66.94 2.94 0.00

NEVERSINK___HYD 23608	51.15 1.54 0.00	45.55 1.67 0.00	39.79 1.60 0.00	37.14 1.46 0.00	37.08 1.46 0.00	39.83 1.46 0.00	44.88 1.48 0.00	49.89 1.41 0.00	51.30 1.40 0.00	56.54 1.64 -0.21	63.40 1.78 -0.18	74.73 2.44 -0.43	83.77 3.97 -0.47	97.44 5.61 0.14	107.08 7.74 -1.38	135.39 9.99 -3.55	173.55 13.18 -8.83	245.33 19.55 -0.96	262.49 21.52 3.57	232.90 18.24 0.00	164.27 12.02 0.00	102.16 6.52 0.20	80.78 3.55 0.00	65.72 1.73 0.00
NEWKRMKL_115KV_TB1 55635	49.46 -0.15 0.00	44.06 0.18 0.00	38.56 0.38 0.00	36.25 0.57 0.00	36.15 0.53 0.00	38.68 0.31 0.00	43.57 0.17 0.00	48.39 -0.10 0.00	49.75 -0.15 0.00	54.15 -0.27 0.26	60.85 -0.37 0.22	70.95 -0.36 0.55	78.81 0.32 0.85	92.36 0.92 0.53	99.50 1.96 0.42	122.49 2.80 2.16	150.38 3.94 5.11	227.96 5.40 2.25	250.65 6.11 0.00	219.82 5.15 0.00	156.21 3.96 0.00	97.66 1.82 0.00	77.84 0.62 0.00	63.93 -0.06 0.00
NEWTON___FALLS_HYD 23847	51.05 1.44 0.00	45.03 1.14 0.00	38.95 0.76 0.00	36.35 0.68 0.00	36.37 0.75 0.00	39.34 0.96 0.00	44.75 1.35 0.00	50.14 1.65 0.00	51.40 1.50 0.00	56.00 1.31 0.00	62.42 0.98 0.00	72.79 0.93 0.00	79.74 0.40 0.00	92.07 0.09 0.00	94.82 -3.13 0.00	118.25 -3.66 -0.06	147.24 -4.24 0.06	222.57 -2.25 0.00	174.35 -3.18 67.01	212.98 -1.72 -0.03	151.59 -0.76 -0.10	95.74 -0.10 0.00	79.62 2.39 0.00	66.30 2.30 0.00
NGRID_A1_DSASP 323792	51.35 1.74 0.00	44.55 0.66 0.00	38.91 0.72 0.00	36.11 0.43 0.00	35.90 0.28 0.00	38.03 -0.35 0.00	42.01 -1.39 0.00	46.89 -1.60 0.00	49.60 -0.30 0.00	54.58 -0.11 0.00	61.81 0.37 0.00	71.36 -0.50 0.00	78.95 -0.39 0.00	90.87 -1.10 0.00	99.33 1.37 0.00	121.85 0.00 0.00	148.66 -2.88 0.00	214.48 -10.34 0.00	234.50 -10.04 0.00	208.23 -6.43 0.00	147.83 -4.42 0.00	94.88 -0.96 0.00	76.22 -1.01 0.00	64.96 0.96 0.00
NGRID_A2_DSASP 323793	51.35 1.74 0.00	44.55 0.66 0.00	38.91 0.72 0.00	36.11 0.43 0.00	35.90 0.28 0.00	38.03 -0.35 0.00	42.01 -1.39 0.00	46.89 -1.60 0.00	49.60 -0.30 0.00	54.58 -0.11 0.00	61.81 0.37 0.00	71.36 -0.50 0.00	78.95 -0.39 0.00	90.87 -1.10 0.00	99.33 1.37 0.00	121.85 0.00 0.00	148.66 -2.88 0.00	214.48 -10.34 0.00	234.50 -10.04 0.00	208.23 -6.43 0.00	147.83 -4.42 0.00	94.88 -0.96 0.00	76.22 -1.01 0.00	64.96 0.96 0.00
NGRID_A4_DSASP 323807	51.35 1.74 0.00	44.55 0.66 0.00	38.91 0.72 0.00	36.11 0.43 0.00	35.90 0.28 0.00	38.03 -0.35 0.00	42.01 -1.39 0.00	46.89 -1.60 0.00	49.60 -0.30 0.00	54.58 -0.11 0.00	61.81 0.37 0.00	71.36 -0.50 0.00	78.95 -0.39 0.00	90.87 -1.10 0.00	99.33 1.37 0.00	121.85 0.00 0.00	148.66 -2.88 0.00	214.48 -10.34 0.00	234.50 -10.04 0.00	208.23 -6.43 0.00	147.83 -4.42 0.00	94.88 -0.96 0.00	76.22 -1.01 0.00	64.96 0.96 0.00
NIAGARA_115E_LBMP 323715	52.19 2.58 0.00	45.29 1.40 0.00	39.60 1.41 0.00	36.78 1.11 0.00	36.58 0.96 0.00	38.72 0.34 0.00	42.32 -1.08 0.00	46.98 -1.50 0.00	49.65 -0.25 0.00	54.69 0.00 0.00	61.87 0.43 0.00	71.43 -0.43 0.00	79.03 -0.32 0.00	91.05 -0.92 0.00	99.62 1.66 0.00	122.22 0.37 0.00	149.11 -2.43 0.00	215.39 -9.43 0.00	235.49 -9.04 0.00	209.08 -5.58 0.00	148.59 -3.66 0.00	95.17 -0.67 0.00	76.45 -0.77 0.00	65.34 1.35 0.00
NIAGARA_115W_LBMP 323714	51.15 1.54 0.00	44.41 0.53 0.00	38.79 0.61 0.00	36.03 0.36 0.00	35.80 0.18 0.00	37.92 -0.46 0.00	41.88 -1.52 0.00	46.74 -1.74 0.00	49.45 -0.45 0.00	54.41 -0.27 0.00	61.56 0.12 0.00	71.07 -0.79 0.00	78.70 -0.64 0.00	90.60 -1.38 0.00	99.04 1.08 0.00	121.49 -0.36 0.00	148.21 -3.33 0.00	214.03 -10.79 0.00	233.78 -10.75 0.00	207.59 -7.08 0.00	147.37 -4.88 0.00	94.59 -1.25 0.00	75.99 -1.24 0.00	64.77 0.77 0.00
NIAGARA_230_LBMP 323716	51.79 2.18 0.00	44.98 1.10 0.00	39.25 1.07 0.00	36.50 0.82 0.00	36.30 0.68 0.00	38.45 0.08 0.00	42.44 -0.96 0.00	47.37 -1.11 0.00	50.05 0.15 0.00	55.07 0.39 0.00	62.36 0.92 0.00	72.00 0.14 0.00	79.66 0.32 0.00	91.88 -0.09 0.00	100.41 2.45 0.00	123.19 1.34 0.00	150.49 -1.05 0.00	217.41 -7.41 0.00	237.44 -7.10 0.00	211.01 -3.65 0.00	149.66 -2.59 0.00	96.03 0.19 0.00	77.00 -0.23 0.00	65.60 1.60 0.00
NIAGARA___115KV_198_GIBSON 55903	51.15 1.54 0.00	44.37 0.48 0.00	38.79 0.61 0.00	35.78 0.11 0.00	35.80 0.18 0.00	37.80 -0.58 0.00	41.88 -1.52 0.00	46.79 -1.70 0.00	49.00 -0.90 0.00	54.41 -0.27 0.00	61.56 0.12 0.00	71.06 -0.79 0.00	78.87 -0.48 0.00	90.59 -1.38 0.00	99.04 1.08 0.00	121.48 -0.37 0.00	148.21 -3.33 0.00	213.80 -11.02 0.00	233.78 -10.76 0.00	207.80 -6.87 0.00	147.53 -4.72 0.00	94.59 -1.25 0.00	76.07 -1.16 0.00	64.25 0.26 0.00
NIAGARA____ 23760	51.79 2.18 0.00	44.98 1.10 0.00	39.25 1.07 0.00	36.50 0.82 0.00	36.30 0.68 0.00	38.45 0.08 0.00	42.44 -0.96 0.00	47.37 -1.11 0.00	50.05 0.15 0.00	55.07 0.39 0.00	62.36 0.92 0.00	72.00 0.14 0.00	79.66 0.32 0.00	91.88 -0.09 0.00	100.41 2.45 0.00	123.19 1.34 0.00	150.49 -1.05 0.00	217.41 -7.41 0.00	237.44 -7.10 0.00	211.01 -3.65 0.00	149.66 -2.59 0.00	96.03 0.19 0.00	77.00 -0.23 0.00	65.60 1.60 0.00
NINE_MILE_1 23575	48.72 -0.89 0.00	43.01 -0.88 0.00	37.42 -0.76 0.00	34.93 -0.75 0.00	34.84 -0.78 0.00	37.46 -0.92 0.00	42.23 -1.17 0.00	47.18 -1.31 0.00	48.70 -1.20 0.00	53.37 -1.31 0.00	60.03 -1.41 0.00	70.20 -1.65 0.00	77.67 -1.67 0.00	90.22 -1.75 0.00	96.68 -1.28 0.00	120.14 -1.71 0.00	149.11 -2.43 0.00	220.54 -4.28 0.00	240.38 -4.16 0.00	211.45 -3.21 0.00	149.97 -2.28 0.00	94.30 -1.54 0.00	75.68 -1.54 0.00	62.65 -1.35 0.00
NINE_MILE_2 23744	48.72 -0.89 0.00	43.01 -0.88 0.00	37.42 -0.76 0.00	34.93 -0.75 0.00	34.84 -0.78 0.00	37.46 -0.92 0.00	42.23 -1.17 0.00	47.18 -1.31 0.00	48.70 -1.20 0.00	53.37 -1.31 0.00	60.03 -1.41 0.00	70.20 -1.65 0.00	77.67 -1.67 0.00	90.22 -1.75 0.00	96.68 -1.28 0.00	120.14 -1.71 0.00	149.11 -2.43 0.00	220.54 -4.28 0.00	240.38 -4.16 0.00	211.45 -3.21 0.00	149.97 -2.28 0.00	94.30 -1.54 0.00	75.68 -1.54 0.00	62.65 -1.35 0.00
NM_CAPITAL___DRP 24208	49.56 -0.05 0.00	44.19 0.31 0.00	38.68 0.50 0.00	36.32 0.64 0.00	36.23 0.61 0.00	38.80 0.42 0.00	43.66 0.26 0.00	48.49 0.00 0.00	49.80 -0.10 0.00	54.18 -0.22 0.29	60.89 -0.31 0.24	71.03 -0.22 0.61	78.87 0.48 0.94	92.40 1.01 0.59	99.75 2.25 0.46	122.80 3.17 2.22	150.70 4.39 5.24	228.58 6.07 2.31	251.14 6.60 0.00	220.03 5.37 0.00	156.51 4.26 0.00	97.85 2.01 0.00	78.00 0.77 0.00	64.06 0.06 0.00
NM_CENTRAL___DRP 24181	49.76 0.15 0.00	43.89 0.00 0.00	38.18 0.00 0.00	35.57 -0.11 0.00	35.55 -0.07 0.00	38.15 -0.23 0.00	43.10 -0.30 0.00	48.15 -0.34 0.00	49.70 -0.20 0.00	54.58 -0.11 0.00	61.44 0.00 0.00	71.85 0.00 0.00	79.66 0.32 0.00	92.62 0.64 0.00	99.62 1.67 0.00	123.68 1.83 0.00	153.66 2.12 0.00	226.84 2.02 0.00	244.60 2.93 2.87	217.67 3.01 0.00	154.38 2.13 0.00	96.89 1.05 0.00	77.61 0.39 0.00	64.12 0.13 0.00

NM_FRONTIER___DRP 24179	51.15 1.54 0.00	44.37 0.48 0.00	38.79 0.61 0.00	35.78 0.11 0.00	35.80 0.18 0.00	37.80 -0.58 0.00	41.88 -1.52 0.00	46.79 -1.70 0.00	49.00 -0.90 0.00	54.41 -0.27 0.00	61.56 0.12 0.00	71.06 -0.79 0.00	78.87 -0.48 0.00	90.59 -1.38 0.00	99.04 1.08 0.00	121.48 -0.37 0.00	148.21 -3.33 0.00	213.80 -11.02 0.00	233.78 -10.76 0.00	207.80 -6.87 0.00	147.53 -4.72 0.00	94.59 -1.25 0.00	76.07 -1.16 0.00	64.25 0.26 0.00
NM_ST_REGIS___HYD 24053	50.16 0.55 0.00	44.28 0.39 0.00	38.26 0.08 0.00	35.78 0.11 0.00	35.73 0.11 0.00	38.76 0.38 0.00	44.18 0.78 0.00	49.60 1.12 0.00	50.90 1.00 0.00	55.45 0.77 0.00	61.81 0.37 0.00	72.00 0.14 0.00	78.31 -1.03 0.00	89.86 -2.12 0.00	91.20 -6.76 0.00	96.71 -8.53 16.61	104.00 -10.15 37.39	214.93 -9.89 0.00	145.73 -13.69 85.11	120.68 -11.38 82.60	105.86 -7.61 38.78	92.10 -3.74 0.00	77.46 0.23 0.00	65.08 1.09 0.00
NORTHPORT___1 23551	49.65 0.05 0.02	46.34 2.46 0.00	40.93 2.75 0.00	38.14 2.46 0.00	37.93 2.31 0.00	40.68 2.30 0.00	45.22 1.82 0.00	48.25 -0.24 0.00	49.69 0.20 0.41	50.23 0.22 4.68	59.92 0.18 1.71	65.83 0.79 6.82	71.35 4.12 12.12	85.27 6.53 13.23	98.29 8.91 8.58	123.53 11.45 9.77	141.24 13.93 24.24	188.60 20.24 56.46	192.86 21.52 73.20	153.28 18.03 79.42	141.11 12.02 23.16	101.29 5.46 0.00	61.69 2.78 18.32	59.92 0.51 4.58
NORTHPORT___2 23552	49.65 0.05 0.02	46.34 2.46 0.00	40.93 2.75 0.00	38.14 2.46 0.00	37.93 2.31 0.00	40.68 2.30 0.00	45.22 1.82 0.00	48.25 -0.24 0.00	49.69 0.20 0.41	50.23 0.22 4.68	59.92 0.18 1.71	65.83 0.79 6.82	71.35 4.12 12.12	85.27 6.53 13.23	98.29 8.91 8.58	123.53 11.45 9.77	141.24 13.93 24.24	188.60 20.24 56.46	192.86 21.52 73.20	153.28 18.03 79.42	141.11 12.02 23.16	101.29 5.46 0.00	61.69 2.78 18.32	59.92 0.51 4.58
NORTHPORT___3 23553	49.24 -0.34 0.02	46.08 2.19 0.00	40.59 2.41 0.00	37.78 2.10 0.00	37.58 1.96 0.00	40.33 1.96 0.00	44.92 1.52 0.00	47.76 -0.73 0.00	49.33 -0.15 0.42	49.98 -0.05 4.65	59.79 0.06 1.71	65.69 0.65 6.81	70.88 3.73 12.19	84.56 5.97 13.39	97.60 8.32 8.68	122.51 10.73 10.06	140.00 13.64 25.19	186.64 19.34 57.52	191.42 20.77 73.89	151.58 16.95 80.04	140.00 10.97 23.22	100.80 4.98 0.01	61.36 2.47 18.33	59.61 0.19 4.58
NORTHPORT___4 23650	49.24 -0.34 0.02	46.08 2.19 0.00	40.59 2.41 0.00	37.78 2.10 0.00	37.58 1.96 0.00	40.33 1.96 0.00	44.92 1.52 0.00	47.76 -0.73 0.00	49.33 -0.15 0.42	49.98 -0.05 4.65	59.79 0.06 1.71	65.69 0.65 6.81	70.88 3.73 12.19	84.56 5.97 13.39	97.60 8.32 8.68	122.51 10.73 10.06	140.00 13.64 25.19	186.64 19.34 57.52	191.42 20.77 73.89	151.58 16.95 80.04	140.00 10.97 23.22	100.80 4.98 0.01	61.36 2.47 18.33	59.61 0.19 4.58
NORTHPORT___IC 23718	49.70 0.10 0.02	46.56 2.68 0.00	40.93 2.75 0.00	38.21 2.53 0.00	37.94 2.32 0.00	40.79 2.42 0.00	45.22 1.82 0.00	49.26 0.78 0.00	49.84 0.35 0.41	50.17 0.16 4.68	59.98 0.25 1.71	65.82 0.79 6.82	71.11 3.89 12.12	84.81 6.07 13.23	85.79 8.91 21.08	123.53 11.45 9.77	141.09 13.79 24.25	188.59 20.23 56.46	192.85 21.52 73.21	153.48 18.25 79.43	141.11 12.03 23.16	101.20 5.37 0.00	61.69 2.78 18.32	59.99 0.58 4.58
NORTH___COUNTRY_ESR 323785	49.27 -0.34 0.00	43.62 -0.26 0.00	37.76 -0.42 0.00	35.35 -0.32 0.00	35.37 -0.25 0.00	38.38 0.00 0.00	43.71 0.31 0.00	49.12 0.63 0.00	50.25 0.35 0.00	55.02 0.33 0.00	61.81 0.37 0.00	72.14 0.29 0.00	78.63 -0.72 0.00	89.86 -2.11 0.00	93.55 -4.41 0.00	113.33 -5.48 3.04	138.05 -6.66 6.83	217.41 -7.41 0.00	226.07 -9.29 9.17	191.63 -7.94 15.10	139.37 -5.79 7.10	92.39 -3.45 0.00	75.91 -1.31 0.00	63.42 -0.58 0.00
NPX_GEN_1385_PROXY 323591	49.00 -0.59 0.02	45.77 1.89 0.00	40.66 2.48 0.00	38.14 2.46 0.00	37.93 2.31 0.00	40.37 1.99 0.00	44.75 1.35 0.00	47.52 -0.97 0.00	48.94 -0.55 0.41	50.01 0.00 4.68	59.74 0.00 1.71	65.90 0.87 6.82	71.19 3.97 12.12	85.00 6.26 13.23	98.00 8.62 8.58	123.17 11.09 9.77	142.46 15.15 24.24	191.52 23.16 56.46	196.53 25.19 73.20	156.50 21.26 79.42	142.72 13.71 23.24	101.37 5.46 -0.07	61.77 2.86 18.32	59.67 0.26 4.58
NPX_GEN_CSC 323557	49.90 0.30 0.02	46.25 2.37 0.00	40.85 2.67 0.00	37.96 2.29 0.00	37.76 2.14 0.00	40.52 2.15 0.00	44.96 1.56 0.00	48.29 -0.19 0.00	49.99 0.50 0.40	50.74 0.66 4.60	62.68 1.11 -0.13	74.10 2.01 -0.23	86.39 5.95 -1.09	104.08 8.83 -3.28	123.06 11.36 -13.75	181.86 14.37 -45.64	262.34 16.37 -94.43	288.01 23.82 -39.38	263.11 25.67 7.10	234.09 23.19 3.76	171.46 15.83 -3.38	103.78 7.86 -0.08	80.58 4.40 1.05	65.31 1.60 0.28
NSINS_S_GLNS_FALLS 23858	51.40 1.79 0.00	45.64 1.76 0.00	39.94 1.76 0.00	37.32 1.64 0.00	37.22 1.60 0.00	40.07 1.69 0.00	45.14 1.74 0.00	50.18 1.70 0.00	51.65 1.75 0.00	56.03 1.64 0.29	62.42 1.23 0.25	72.74 1.51 0.62	80.68 2.30 0.96	94.59 3.22 0.60	101.70 4.21 0.47	126.03 6.21 2.03	155.38 8.64 4.80	235.97 13.26 2.12	262.39 17.85 0.00	231.62 16.96 0.00	165.19 12.94 0.00	102.83 7.00 0.00	81.78 4.56 0.00	67.07 3.07 0.00
NUCOR_STEEL___DRP 24197	50.90 1.29 0.00	44.81 0.92 0.00	38.95 0.76 0.00	36.25 0.57 0.00	36.19 0.57 0.00	38.84 0.46 0.00	43.88 0.48 0.00	49.02 0.53 0.00	50.55 0.65 0.00	55.51 0.82 0.00	62.48 1.04 0.00	73.08 1.22 0.00	81.01 1.67 0.00	94.09 2.12 0.00	101.19 3.23 0.00	125.75 3.90 0.00	156.09 4.55 0.00	230.66 5.85 0.00	250.43 7.83 1.93	222.18 7.51 0.00	157.73 5.48 0.00	99.10 3.26 0.00	79.31 2.09 0.00	65.47 1.47 0.00
NUMBER_THREE_WT_PWR 323818	51.90 2.28 0.00	45.81 1.93 0.00	39.67 1.49 0.00	37.00 1.32 0.00	37.08 1.46 0.00	40.03 1.65 0.00	45.40 2.00 0.00	50.77 2.28 0.00	52.04 2.14 0.00	56.71 2.02 0.00	63.47 2.02 0.00	74.15 2.30 0.00	81.64 2.30 0.00	94.73 2.76 0.00	99.33 1.37 0.00	123.94 2.07 -0.03	154.55 3.03 0.03	231.80 6.98 0.00	224.34 8.79 28.98	223.28 8.60 -0.02	158.84 6.54 -0.05	99.67 3.84 0.00	81.63 4.40 0.00	67.45 3.45 0.00
NYISO_LBMP_REFERENCE 24008	49.61 0.00 0.00	43.89 0.00 0.00	38.18 0.00 0.00	35.68 0.00 0.00	35.62 0.00 0.00	38.38 0.00 0.00	43.40 0.00 0.00	48.49 0.00 0.00	49.90 0.00 0.00	54.69 0.00 0.00	61.44 0.00 0.00	71.85 0.00 0.00	79.34 0.00 0.00	91.97 0.00 0.00	97.96 0.00 0.00	121.85 0.00 0.00	151.54 0.00 0.00	224.82 0.00 0.00	244.54 0.00 0.00	214.67 0.00 0.00	152.25 0.00 0.00	95.84 0.00 0.00	77.23 0.00 0.00	63.99 0.00 0.00
NYPA_BRENTWD____GT 24164	50.69 1.09 0.02	47.05 3.16 0.00	41.50 3.32 0.00	38.64 2.96 0.00	38.40 2.78 0.00	41.18 2.80 0.00	45.79 2.39 0.00	49.12 0.63 0.00	50.75 1.25 0.40	51.60 1.42 4.51	63.31 1.78 -0.09	75.23 2.73 -0.65	86.65 6.19 -1.12	104.41 8.64 -3.79	121.87 10.87 -13.04	175.69 14.01 -39.83	263.81 17.57 -94.70	290.69 25.40 -40.48	264.85 27.14 6.83	231.89 22.74 5.52	167.47 15.22 0.00	103.31 7.48 0.00	80.65 4.79 1.36	66.25 2.24 -0.01

NYPA_GOWANUS____GT5 24156	52.24 2.63 0.00	46.88 2.99 -0.01	41.02 2.83 -0.01	38.29 2.60 -0.01	38.19 2.57 -0.01	40.96 2.57 -0.01	46.01 2.60 -0.01	50.91 2.42 0.00	51.94 2.05 0.01	57.58 2.57 -0.32	64.29 2.58 -0.27	75.93 3.38 -0.69	85.82 5.40 -1.08	100.01 7.36 -0.67	120.70 9.79 -12.95	176.97 12.43 -42.69	211.73 15.61 -44.57	284.19 22.26 -37.11	262.44 23.71 5.81	211.86 20.17 22.98	129.06 13.10 36.28	94.41 6.90 8.33	71.20 3.78 9.81	65.65 1.66 0.01
NYPA_GOWANUS____GT6 24157	52.24 2.63 0.00	46.88 2.99 -0.01	41.02 2.83 -0.01	38.29 2.60 -0.01	38.19 2.57 -0.01	40.96 2.57 -0.01	46.01 2.60 -0.01	50.91 2.42 0.00	51.94 2.05 0.01	57.58 2.57 -0.32	64.29 2.58 -0.27	75.93 3.38 -0.69	85.82 5.40 -1.08	100.01 7.36 -0.67	120.70 9.79 -12.95	176.97 12.43 -42.69	211.73 15.61 -44.57	284.19 22.26 -37.11	262.44 23.71 5.81	211.86 20.17 22.98	129.06 13.10 36.28	94.41 6.90 8.33	71.20 3.78 9.81	65.65 1.66 0.01
NYPA_HARLEM__RVR__GT1 24160	52.05 2.43 -0.01	46.62 2.72 -0.01	40.75 2.56 -0.01	38.00 2.32 -0.01	37.87 2.25 -0.01	40.76 2.38 -0.01	45.97 2.56 -0.01	50.96 2.47 0.00	52.04 2.14 0.00	57.75 2.73 -0.33	64.11 2.39 -0.27	75.57 3.02 -0.69	85.50 5.08 -1.08	99.73 7.08 -0.67	120.42 9.50 -12.96	176.50 11.95 -42.70	267.57 15.15 -100.87	290.88 21.59 -44.47	267.52 22.98 -0.01	233.77 19.10 -0.01	164.44 12.18 -0.01	102.17 6.32 -0.01	80.48 3.24 -0.01	65.28 1.28 -0.01
NYPA_HARLEM__RVR__GT2 24161	52.05 2.43 -0.01	46.62 2.72 -0.01	40.75 2.56 -0.01	38.00 2.32 -0.01	37.87 2.25 -0.01	40.76 2.38 -0.01	45.97 2.56 -0.01	50.96 2.47 0.00	52.04 2.14 0.00	57.75 2.73 -0.33	64.11 2.39 -0.27	75.57 3.02 -0.69	85.50 5.08 -1.08	99.73 7.08 -0.67	120.42 9.50 -12.96	176.50 11.95 -42.70	267.57 15.15 -100.87	290.88 21.59 -44.47	267.52 22.98 -0.01	233.77 19.10 -0.01	164.44 12.18 -0.01	102.17 6.32 -0.01	80.48 3.24 -0.01	65.28 1.28 -0.01
NYPA_KENT____GT 24152	52.09 2.48 0.00	46.74 2.85 -0.01	40.90 2.71 -0.01	38.18 2.50 -0.01	38.08 2.46 -0.01	40.84 2.46 -0.01	45.92 2.52 -0.01	50.91 2.42 0.00	52.00 2.10 0.00	57.64 2.62 -0.33	64.17 2.46 -0.27	75.71 3.16 -0.69	85.57 5.15 -1.08	99.83 7.18 -0.67	120.51 9.61 -12.95	166.80 12.18 -32.77	211.42 15.30 -44.57	283.73 21.80 -37.11	261.97 23.24 5.81	211.22 19.53 22.98	127.37 12.63 37.51	92.63 6.61 9.82	67.50 3.55 13.28	63.65 1.53 1.88
NYPA_POUCH1____GT 24155	52.04 2.43 0.00	46.83 2.94 -0.01	40.98 2.79 -0.01	38.25 2.57 -0.01	38.16 2.53 -0.01	40.92 2.53 -0.01	45.97 2.56 -0.01	50.72 2.23 0.00	51.64 1.75 0.01	52.15 2.24 4.78	55.18 2.21 8.47	71.09 3.02 3.78	81.49 5.00 2.85	95.68 6.90 3.19	116.38 9.31 -9.11	145.65 11.82 -11.98	210.98 14.86 -44.57	258.86 21.13 -12.92	256.19 22.48 10.83	211.01 19.33 22.98	128.59 12.63 36.28	83.02 6.42 19.24	60.54 3.32 20.00	54.19 1.35 11.15
NYPA_VERNON____GT2 24162	51.90 2.28 0.00	46.62 2.72 -0.01	40.79 2.60 -0.01	38.07 2.39 -0.01	37.98 2.35 -0.01	40.76 2.38 -0.01	45.88 2.47 -0.01	50.91 2.42 0.00	52.09 2.19 0.00	57.64 2.62 -0.33	64.11 2.39 -0.27	75.64 3.09 -0.69	85.42 5.00 -1.08	99.63 6.99 -0.67	120.31 9.41 -12.95	156.65 11.95 -22.85	211.27 15.15 -44.57	283.52 21.59 -37.11	261.71 22.98 5.81	210.78 19.10 22.98	125.85 12.33 38.73	90.95 6.42 11.31	63.80 3.32 16.75	61.59 1.35 3.75
NYPA_VERNON____GT3 24163	51.90 2.28 0.00	46.62 2.72 -0.01	40.79 2.60 -0.01	38.07 2.39 -0.01	37.98 2.35 -0.01	40.76 2.38 -0.01	45.88 2.47 -0.01	50.91 2.42 0.00	52.09 2.19 0.00	57.64 2.62 -0.33	64.11 2.39 -0.27	75.64 3.09 -0.69	85.42 5.00 -1.08	99.63 6.99 -0.67	120.31 9.41 -12.95	156.65 11.95 -22.85	211.27 15.15 -44.57	283.52 21.59 -37.11	261.71 22.98 5.81	210.78 19.10 22.98	125.85 12.33 38.73	90.95 6.42 11.31	63.80 3.32 16.75	61.59 1.35 3.75
NYPA____ASTORIA_CC1 323568	51.85 2.23 0.00	46.57 2.68 -0.01	40.75 2.56 -0.01	38.00 2.32 -0.01	37.91 2.28 -0.01	40.73 2.34 -0.01	45.84 2.43 -0.01	50.86 2.38 0.00	51.95 2.05 0.00	57.53 2.52 -0.33	63.86 2.15 -0.27	75.35 2.80 -0.69	85.18 4.76 -1.08	99.36 6.71 -0.67	120.02 9.11 -12.95	152.17 11.45 -18.87	210.67 14.55 -44.57	282.84 20.91 -37.11	260.74 22.02 5.81	210.15 18.46 22.98	124.75 11.72 39.22	90.07 6.14 11.90	62.18 3.09 18.14	60.65 1.15 4.50
NYPA____ASTORIA_CC2 323569	51.85 2.23 0.00	46.57 2.68 -0.01	40.75 2.56 -0.01	38.00 2.32 -0.01	37.91 2.28 -0.01	40.73 2.34 -0.01	45.84 2.43 -0.01	50.86 2.38 0.00	51.95 2.05 0.00	57.53 2.52 -0.33	63.86 2.15 -0.27	75.35 2.80 -0.69	85.18 4.76 -1.08	99.36 6.71 -0.67	120.02 9.11 -12.95	152.17 11.45 -18.87	210.67 14.55 -44.57	282.84 20.91 -37.11	260.74 22.02 5.81	210.15 18.46 22.98	124.75 11.72 39.22	90.07 6.14 11.90	62.18 3.09 18.14	60.65 1.15 4.50
NYPA____HOLTSVILL 23794	50.14 0.55 0.02	46.52 2.63 0.00	41.08 2.90 0.00	38.21 2.53 0.00	38.01 2.39 0.00	40.76 2.38 0.00	45.26 1.86 0.00	48.58 0.10 0.00	50.19 0.70 0.40	50.95 0.87 4.61	62.74 1.16 -0.14	74.05 1.94 -0.26	86.07 5.63 -1.09	103.50 8.28 -3.25	127.35 10.68 -18.71	223.25 13.64 -87.75	262.49 16.52 -94.42	287.74 23.60 -39.32	262.87 25.43 7.10	246.60 21.67 -10.27	194.89 14.62 -28.03	103.12 7.28 0.00	80.57 4.32 0.98	65.33 1.60 0.27
NYPA____HELLGATE_GT1 24158	52.05 2.43 -0.01	46.62 2.72 -0.01	40.75 2.56 -0.01	38.00 2.32 -0.01	37.87 2.25 -0.01	40.76 2.38 -0.01	45.97 2.56 -0.01	50.96 2.47 0.00	52.04 2.14 0.00	57.75 2.73 -0.33	64.11 2.39 -0.27	75.57 3.02 -0.69	85.50 5.08 -1.08	99.73 7.08 -0.67	120.42 9.50 -12.96	176.50 11.95 -42.70	267.57 15.15 -100.87	290.88 21.59 -44.47	267.52 22.98 -0.01	233.77 19.10 -0.01	164.44 12.18 -0.01	102.17 6.32 -0.01	80.48 3.24 -0.01	65.28 1.28 -0.01
NYPA____HELLGATE_GT2 24159	52.05 2.43 -0.01	46.62 2.72 -0.01	40.75 2.56 -0.01	38.00 2.32 -0.01	37.87 2.25 -0.01	40.76 2.38 -0.01	45.97 2.56 -0.01	50.96 2.47 0.00	52.04 2.14 0.00	57.75 2.73 -0.33	64.11 2.39 -0.27	75.57 3.02 -0.69	85.50 5.08 -1.08	99.73 7.08 -0.67	120.42 9.50 -12.96	176.50 11.95 -42.70	267.57 15.15 -100.87	290.88 21.59 -44.47	267.52 22.98 -0.01	233.77 19.10 -0.01	164.44 12.18 -0.01	102.17 6.32 -0.01	80.48 3.24 -0.01	65.28 1.28 -0.01
NYS_BARGE____HYD 23848	52.64 3.03 0.00	45.69 1.80 0.00	39.86 1.68 0.00	37.03 1.36 0.00	36.79 1.17 0.00	39.03 0.65 0.00	42.83 -0.57 0.00	47.71 -0.78 0.00	50.40 0.50 0.00	55.51 0.82 0.00	62.79 1.35 0.00	72.43 0.57 0.00	80.05 0.71 0.00	92.25 0.28 0.00	100.89 2.94 0.00	123.92 2.07 0.00	151.39 -0.15 0.00	218.76 -6.06 0.00	239.39 -5.15 0.00	212.73 -1.94 0.00	151.03 -1.22 0.00	96.51 0.68 0.00	77.61 0.39 0.00	66.17 2.18 0.00
OAK ORCHARD____HYD 24046	51.95 2.33 0.00	45.33 1.45 0.00	39.44 1.26 0.00	36.67 1.00 0.00	36.51 0.89 0.00	38.95 0.58 0.00	43.49 0.09 0.00	48.87 0.39 0.00	51.10 1.20 0.00	56.27 1.59 0.00	63.53 2.09 0.00	74.08 2.23 0.00	81.72 2.38 0.00	94.73 2.76 0.00	102.76 4.80 0.00	126.85 5.00 0.00	156.39 4.85 0.00	228.64 3.82 0.00	250.16 5.63 0.00	220.89 6.23 0.00	156.97 4.72 0.00	99.28 3.45 0.00	79.54 2.31 0.00	66.62 2.62 0.00

OAKDALE___35_KV_LOAD 356122	51.00 1.39 0.00	44.94 1.05 0.00	39.14 0.95 0.00	36.43 0.75 0.00	36.40 0.78 0.00	38.99 0.61 0.00	43.92 0.52 0.00	48.87 0.39 0.00	50.55 0.65 0.00	55.56 0.87 0.00	62.67 1.23 0.00	73.15 1.29 0.00	81.32 1.98 0.00	94.46 2.48 0.00	101.98 4.02 0.00	126.60 4.75 0.00	156.85 5.30 0.00	230.89 6.07 0.00	252.12 7.58 0.00	221.96 7.30 0.00	157.12 4.87 0.00	98.90 3.07 0.00	79.00 1.78 0.00	65.40 1.41 0.00
OCC_CHEM___DRP 24175	51.35 1.74 0.00	44.50 0.61 0.00	38.91 0.73 0.00	35.89 0.21 0.00	35.91 0.28 0.00	37.88 -0.50 0.00	42.01 -1.39 0.00	46.94 -1.55 0.00	49.15 -0.75 0.00	54.58 -0.11 0.00	61.75 0.31 0.00	71.35 -0.50 0.00	79.10 -0.24 0.00	90.87 -1.10 0.00	99.33 1.37 0.00	121.85 0.00 0.00	148.66 -2.88 0.00	214.48 -10.34 0.00	234.51 -10.03 0.00	208.44 -6.23 0.00	147.99 -4.26 0.00	94.88 -0.96 0.00	76.30 -0.93 0.00	64.44 0.45 0.00
OH_GEN_PROXY 24063	51.75 2.13 0.00	44.94 1.05 0.00	39.25 1.07 0.00	36.46 0.78 0.00	36.26 0.64 0.00	38.42 0.04 0.00	42.49 -0.91 0.00	47.42 -1.07 0.00	50.05 0.15 0.00	55.12 0.44 0.00	62.36 0.92 0.00	72.07 0.22 0.00	79.82 0.48 0.00	92.07 0.09 0.00	100.50 2.54 0.00	123.43 1.58 0.00	150.79 -0.75 0.00	218.08 -6.74 0.00	238.18 -6.36 0.00	211.45 -3.21 0.00	150.04 -2.13 0.08	96.30 0.38 -0.08	77.15 -0.08 0.00	65.60 1.60 0.00
OLIN_CORP_DRP 24177	52.24 2.63 0.00	45.29 1.40 0.00	39.59 1.41 0.00	36.57 0.89 0.00	36.58 0.96 0.00	38.61 0.23 0.00	42.40 -1.00 0.00	47.13 -1.36 0.00	49.35 -0.55 0.00	54.80 0.11 0.00	62.05 0.61 0.00	71.57 -0.29 0.00	79.42 0.08 0.00	91.33 -0.64 0.00	99.82 1.86 0.00	122.58 0.73 0.00	149.57 -1.97 0.00	215.83 -8.99 0.00	235.98 -8.56 0.00	209.94 -4.72 0.00	149.05 -3.20 0.00	95.45 -0.38 0.00	76.69 -0.54 0.00	64.70 0.70 0.00
OLIN_CORP_DSASP 323712	51.35 1.74 0.00	44.55 0.66 0.00	38.91 0.72 0.00	36.11 0.43 0.00	35.90 0.28 0.00	38.03 -0.35 0.00	42.01 -1.39 0.00	46.89 -1.60 0.00	49.60 -0.30 0.00	54.58 -0.11 0.00	61.81 0.37 0.00	71.36 -0.50 0.00	78.95 -0.39 0.00	90.87 -1.10 0.00	99.33 1.37 0.00	121.85 0.00 0.00	148.66 -2.88 0.00	214.48 -10.34 0.00	234.50 -10.04 0.00	208.23 -6.43 0.00	147.83 -4.42 0.00	94.88 -0.96 0.00	76.22 -1.01 0.00	64.96 0.96 0.00
ONEIDA_HERK_LFGE 323681	51.40 1.78 0.00	45.46 1.58 0.00	39.44 1.26 0.00	36.82 1.14 0.00	36.83 1.21 0.00	39.72 1.34 0.00	44.96 1.56 0.00	50.28 1.80 0.00	51.69 1.79 0.00	56.49 1.80 0.00	63.35 1.91 0.00	74.08 2.23 0.00	81.72 2.38 0.00	95.00 3.03 0.00	101.09 3.13 0.00	126.01 4.15 -0.01	156.98 5.45 0.01	234.04 9.22 0.00	242.03 10.75 13.25	224.34 9.67 -0.01	159.43 7.16 -0.02	99.86 4.02 0.00	80.78 3.55 0.00	66.68 2.69 0.00
ONEIDA___115KV_TB4 55905	51.50 1.89 0.00	45.47 1.58 0.00	39.52 1.34 0.00	36.82 1.14 0.00	36.87 1.25 0.00	39.68 1.30 0.00	44.88 1.48 0.00	50.09 1.60 0.00	51.60 1.70 0.00	56.49 1.80 0.00	63.47 2.03 0.00	74.23 2.37 0.00	81.56 2.22 0.00	95.01 3.04 0.00	101.98 4.02 0.00	127.09 5.24 0.00	158.21 6.67 0.00	234.94 10.12 0.00	250.92 11.98 5.59	225.40 10.73 0.00	160.02 7.76 -0.01	100.15 4.31 0.00	80.93 3.71 0.00	66.68 2.69 0.00
ONONDAGA_REF_OCCRA 23987	49.96 0.35 0.00	44.06 0.18 0.00	38.30 0.11 0.00	35.71 0.04 0.00	35.66 0.04 0.00	38.30 -0.08 0.00	43.27 -0.13 0.00	48.34 -0.15 0.00	49.85 -0.05 0.00	54.74 0.05 0.00	61.69 0.25 0.00	72.14 0.29 0.00	79.98 0.63 0.00	92.99 1.01 0.00	100.02 2.06 0.00	124.29 2.44 0.00	154.27 2.73 0.00	227.97 3.15 0.00	246.25 4.16 2.45	218.96 4.29 0.00	155.30 3.04 0.00	97.47 1.63 0.00	78.00 0.77 0.00	64.38 0.38 0.00
ONONDAGA___COGEN 23986	49.91 0.30 0.00	43.97 0.09 0.00	38.22 0.04 0.00	35.64 -0.04 0.00	35.58 -0.04 0.00	38.22 -0.15 0.00	43.18 -0.22 0.00	48.24 -0.24 0.00	49.75 -0.15 0.00	54.69 0.00 0.00	61.56 0.12 0.00	72.00 0.14 0.00	79.82 0.48 0.00	92.80 0.83 0.00	99.82 1.86 0.00	124.05 2.19 0.00	153.97 2.42 0.00	227.07 2.25 0.00	245.76 3.42 2.20	218.10 3.43 0.00	154.84 2.59 0.00	97.18 1.34 0.00	77.84 0.62 0.00	64.25 0.26 0.00
ONTARIO___LFGE 23819	51.99 2.38 0.00	45.73 1.84 0.00	39.71 1.53 0.00	36.96 1.28 0.00	36.87 1.25 0.00	39.49 1.11 0.00	44.49 1.09 0.00	49.60 1.12 0.00	51.30 1.40 0.00	56.33 1.64 0.00	63.59 2.15 0.00	74.22 2.37 0.00	82.36 3.01 0.00	95.47 3.49 0.00	102.56 4.61 0.00	127.70 5.85 0.00	157.76 6.22 0.00	231.80 6.98 0.00	254.06 9.53 0.00	224.33 9.67 0.00	159.11 6.86 0.00	100.05 4.21 0.00	80.55 3.32 0.00	66.94 2.95 0.00
ORANGEVILLE_WT_PWR 323706	52.54 2.93 0.00	45.77 1.89 0.00	39.86 1.68 0.00	37.07 1.39 0.00	36.90 1.28 0.00	39.26 0.88 0.00	43.62 0.22 0.00	48.44 -0.05 0.00	50.75 0.85 0.00	55.78 1.09 0.00	63.22 1.78 0.00	73.29 1.44 0.00	81.33 1.98 0.00	93.81 1.84 0.00	102.26 4.31 0.00	126.11 4.26 0.00	154.73 3.19 0.00	224.37 -0.45 0.00	246.01 1.48 0.00	218.96 4.29 0.00	155.29 3.04 0.00	98.81 2.97 0.00	79.23 2.00 0.00	66.88 2.88 0.00
ORANGEVILLE___ESR 323794	52.54 2.93 0.00	45.77 1.89 0.00	39.86 1.68 0.00	37.07 1.39 0.00	36.90 1.28 0.00	39.26 0.88 0.00	43.62 0.22 0.00	48.44 -0.05 0.00	50.75 0.85 0.00	55.78 1.09 0.00	63.22 1.78 0.00	73.29 1.44 0.00	81.33 1.98 0.00	93.81 1.84 0.00	102.26 4.31 0.00	126.11 4.26 0.00	154.73 3.19 0.00	224.37 -0.45 0.00	246.01 1.48 0.00	218.96 4.29 0.00	155.29 3.04 0.00	98.81 2.97 0.00	79.23 2.00 0.00	66.88 2.88 0.00
OSWEGATCHIE___HYD 24044	51.05 1.44 0.00	45.03 1.14 0.00	38.95 0.76 0.00	36.35 0.68 0.00	36.37 0.75 0.00	39.34 0.96 0.00	44.75 1.35 0.00	50.18 1.70 0.00	51.45 1.55 0.00	56.00 1.31 0.00	62.42 0.98 0.00	72.79 0.93 0.00	79.74 0.40 0.00	91.70 -0.28 0.00	94.82 -3.14 0.00	118.26 -3.65 -0.06	147.24 -4.24 0.06	222.57 -2.25 0.00	174.34 -3.19 67.01	212.98 -1.72 -0.04	151.60 -0.76 -0.11	95.74 -0.10 0.00	79.62 2.40 0.00	66.36 2.37 0.00
OSWEGO___5 23606	49.12 -0.50 0.00	43.36 -0.52 0.00	37.73 -0.46 0.00	35.21 -0.46 0.00	35.12 -0.50 0.00	37.76 -0.62 0.00	42.57 -0.83 0.00	47.56 -0.92 0.00	49.05 -0.85 0.00	53.81 -0.88 0.00	60.52 -0.92 0.00	70.78 -1.08 0.00	78.31 -1.03 0.00	90.96 -1.01 0.00	97.57 -0.39 0.00	121.24 -0.61 0.00	150.49 -1.05 0.00	222.35 -2.47 0.00	242.57 -1.96 0.00	213.38 -1.28 0.00	151.34 -0.91 0.00	95.17 -0.67 0.00	76.38 -0.85 0.00	63.23 -0.77 0.00
OSWEGO___6 23613	49.12 -0.50 0.00	43.36 -0.52 0.00	37.73 -0.46 0.00	35.21 -0.46 0.00	35.12 -0.50 0.00	37.76 -0.62 0.00	42.57 -0.83 0.00	47.56 -0.92 0.00	49.05 -0.85 0.00	53.81 -0.88 0.00	60.52 -0.92 0.00	70.78 -1.08 0.00	78.31 -1.03 0.00	90.96 -1.01 0.00	97.57 -0.39 0.00	121.24 -0.61 0.00	150.49 -1.05 0.00	222.35 -2.47 0.00	242.57 -1.96 0.00	213.38 -1.28 0.00	151.34 -0.91 0.00	95.17 -0.67 0.00	76.38 -0.85 0.00	63.23 -0.77 0.00

OUTOKUMPU-AB___DRP 24206	52.84 3.22 0.00	45.77 1.89 0.00	39.98 1.79 0.00	36.89 1.21 0.00	36.90 1.28 0.00	38.99 0.61 0.00	43.23 -0.17 0.00	48.29 -0.19 0.00	50.55 0.65 0.00	56.22 1.53 0.00	63.47 2.03 0.00	73.29 1.44 0.00	81.40 2.06 0.00	93.35 1.38 0.00	102.27 4.31 0.00	125.63 3.78 0.00	153.36 1.82 0.00	221.45 -3.37 0.00	242.09 -2.45 0.00	215.31 0.64 0.00	152.55 0.30 0.00	97.47 1.63 0.00	78.46 1.24 0.00	66.04 2.05 0.00
OXBOW___BTM 323836	52.19 2.58 0.00	45.29 1.40 0.00	39.52 1.34 0.00	36.67 1.00 0.00	36.47 0.85 0.00	38.65 0.27 0.00	42.70 -0.70 0.00	47.66 -0.82 0.00	50.45 0.55 0.00	55.56 0.87 0.00	62.79 1.35 0.00	72.50 0.65 0.00	80.30 0.96 0.00	91.97 0.00 0.00	100.60 2.65 0.00	123.43 1.58 0.00	150.79 -0.75 0.00	217.62 -7.20 0.00	237.69 -6.85 0.00	211.22 -3.44 0.00	149.81 -2.44 0.00	95.93 0.10 0.00	77.54 0.31 0.00	65.98 1.99 0.00
OXBOW___ 24026	52.19 2.58 0.00	45.25 1.36 0.00	39.52 1.34 0.00	36.46 0.78 0.00	36.48 0.85 0.00	38.53 0.15 0.00	42.71 -0.69 0.00	47.71 -0.78 0.00	50.00 0.10 0.00	55.56 0.87 0.00	62.79 1.35 0.00	72.50 0.65 0.00	80.53 1.19 0.00	91.97 0.00 0.00	100.60 2.64 0.00	123.56 1.71 0.00	150.79 -0.76 0.00	217.40 -7.42 0.00	237.69 -6.85 0.00	211.45 -3.22 0.00	149.96 -2.28 0.00	95.93 0.10 0.00	77.61 0.39 0.00	65.40 1.41 0.00
OXY_CHEM_DSASP 323612	51.35 1.74 0.00	44.50 0.61 0.00	38.91 0.73 0.00	35.89 0.21 0.00	35.91 0.28 0.00	37.88 -0.50 0.00	42.01 -1.39 0.00	46.94 -1.55 0.00	49.15 -0.75 0.00	54.58 -0.11 0.00	61.75 0.31 0.00	71.35 -0.50 0.00	79.10 -0.24 0.00	90.87 -1.10 0.00	99.33 1.37 0.00	121.85 0.00 0.00	148.66 -2.88 0.00	214.48 -10.34 0.00	234.51 -10.03 0.00	208.44 -6.23 0.00	147.99 -4.26 0.00	94.88 -0.96 0.00	76.30 -0.93 0.00	64.44 0.45 0.00
OZONE_PARK_ESR 323760	52.29 2.68 0.00	46.91 3.03 0.00	40.97 2.79 0.00	38.28 2.60 0.00	38.11 2.49 0.00	40.99 2.61 0.00	46.09 2.69 0.00	51.40 2.91 0.00	52.94 3.04 0.00	58.35 3.34 -0.33	65.35 3.62 -0.28	77.01 4.45 -0.70	87.01 6.59 -1.09	101.30 8.65 -0.68	110.05 11.56 -0.53	178.95 14.50 -42.60	270.68 18.49 -100.65	295.72 26.53 -44.37	272.90 28.37 0.00	238.71 24.04 0.00	167.78 15.53 0.00	104.27 8.43 0.00	82.17 4.94 0.00	66.68 2.69 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	51.35 1.74 0.00	44.50 0.61 0.00	38.91 0.73 0.00	35.89 0.21 0.00	35.91 0.28 0.00	37.88 -0.50 0.00	42.01 -1.39 0.00	46.94 -1.55 0.00	49.15 -0.75 0.00	54.58 -0.11 0.00	61.75 0.31 0.00	71.35 -0.50 0.00	79.10 -0.24 0.00	90.87 -1.10 0.00	99.33 1.37 0.00	121.85 0.00 0.00	148.66 -2.88 0.00	214.48 -10.34 0.00	234.51 -10.03 0.00	208.44 -6.23 0.00	147.99 -4.26 0.00	94.88 -0.96 0.00	76.30 -0.93 0.00	64.44 0.45 0.00
PACKARD___115KV_DUPONT_184 80571	51.35 1.74 0.00	44.50 0.61 0.00	38.91 0.73 0.00	35.89 0.21 0.00	35.91 0.28 0.00	37.88 -0.50 0.00	42.01 -1.39 0.00	46.94 -1.55 0.00	49.15 -0.75 0.00	54.58 -0.11 0.00	61.75 0.31 0.00	71.35 -0.50 0.00	79.10 -0.24 0.00	90.87 -1.10 0.00	99.33 1.37 0.00	121.85 0.00 0.00	148.66 -2.88 0.00	214.48 -10.34 0.00	234.51 -10.03 0.00	208.44 -6.23 0.00	147.99 -4.26 0.00	94.88 -0.96 0.00	76.30 -0.93 0.00	64.44 0.45 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	52.05 2.43 -0.01	46.61 2.72 0.00	40.78 2.60 0.00	38.07 2.39 0.00	37.90 2.28 0.00	40.76 2.38 0.00	45.92 2.52 0.00	50.81 2.33 0.00	52.15 2.25 0.00	57.64 2.62 -0.33	64.06 2.33 -0.28	75.58 3.02 -0.70	85.35 4.92 -1.09	99.28 6.62 -0.68	107.91 9.40 -0.55	176.37 11.82 -42.70	267.42 15.00 -100.87	290.65 21.36 -44.47	267.53 22.99 -0.01	233.78 19.11 -0.01	164.28 12.03 -0.01	102.17 6.33 -0.01	80.56 3.32 -0.01	65.41 1.41 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	53.04 3.42 -0.01	47.48 3.60 0.00	41.50 3.32 0.00	38.71 3.03 0.00	38.58 2.96 0.00	41.52 3.15 0.00	46.70 3.30 0.00	51.74 3.25 0.00	53.09 3.19 0.00	58.63 3.61 -0.33	65.22 3.50 -0.28	76.94 4.38 -0.70	86.93 6.51 -1.09	101.12 8.46 -0.68	109.87 11.36 -0.55	178.93 14.38 -42.70	270.60 18.19 -100.87	295.60 26.30 -44.47	273.15 28.61 -0.01	238.50 23.83 -0.01	167.79 15.53 -0.01	104.28 8.43 -0.01	82.25 5.02 -0.01	66.82 2.82 -0.01
PATROON___115KV_TB1 80586	49.66 0.05 0.00	44.24 0.35 0.00	38.72 0.53 0.00	36.35 0.68 0.00	36.26 0.64 0.00	38.80 0.42 0.00	43.75 0.35 0.00	48.58 0.10 0.00	49.95 0.05 0.00	54.36 -0.05 0.27	61.09 -0.12 0.23	71.29 0.00 0.56	79.10 0.63 0.87	92.71 1.29 0.55	99.98 2.45 0.43	123.11 3.41 2.16	151.00 4.55 5.09	229.09 6.52 2.25	251.63 7.09 0.00	220.68 6.01 0.00	156.82 4.57 0.00	98.04 2.20 0.00	78.15 0.93 0.00	64.25 0.26 0.00
PATTRSNVILLE___SOLAR 323815	51.00 1.39 0.00	45.29 1.40 0.00	39.55 1.37 0.00	36.92 1.25 0.00	36.87 1.25 0.00	39.64 1.26 0.00	44.70 1.30 0.00	49.55 1.07 0.00	50.75 0.85 0.00	55.18 0.71 0.22	61.87 0.61 0.18	72.19 0.79 0.46	80.14 1.50 0.71	93.73 2.20 0.44	100.21 3.13 0.88	124.29 4.26 1.82	153.00 5.76 4.30	232.14 9.22 1.90	256.51 11.98 0.00	226.25 11.58 0.00	161.08 8.83 0.00	100.82 4.98 0.00	80.32 3.09 0.00	65.98 1.99 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	52.74 3.13 0.00	45.77 1.89 0.00	39.90 1.72 0.00	36.85 1.18 0.00	36.87 1.25 0.00	39.03 0.65 0.00	43.49 0.09 0.00	48.44 -0.05 0.00	50.75 0.85 0.00	56.38 1.70 0.00	63.96 2.52 0.00	74.08 2.23 0.00	82.51 3.17 0.00	94.92 2.94 0.00	104.03 6.07 0.00	128.19 6.34 0.00	157.00 5.46 0.00	226.62 1.80 0.00	247.96 3.42 0.00	220.25 5.58 0.00	155.45 3.20 0.00	98.90 3.07 0.00	79.16 1.93 0.00	66.49 2.50 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	51.65 2.03 0.00	46.17 2.28 0.00	40.36 2.18 0.00	37.75 2.07 0.00	37.62 1.99 0.00	40.41 2.03 0.00	45.40 2.00 0.00	50.57 2.08 0.00	52.00 2.10 0.00	57.28 2.30 -0.30	64.33 2.64 -0.25	76.00 3.52 -0.63	85.63 5.32 -0.97	99.66 7.08 -0.61	108.13 9.70 -0.48	130.60 12.55 3.81	158.47 15.91 8.99	244.24 23.38 3.96	269.48 24.94 0.00	235.49 20.82 0.00	166.10 13.85 0.00	103.41 7.57 0.00	81.55 4.32 0.00	66.23 2.24 0.00
PEEKSKILL___ 23653	51.20 1.59 0.00	45.86 1.98 0.00	40.13 1.95 0.00	37.49 1.82 0.00	37.40 1.78 0.00	40.14 1.77 0.00	45.14 1.74 0.00	50.14 1.65 0.00	51.50 1.60 0.00	56.87 1.86 -0.33	63.74 2.02 -0.28	75.28 2.73 -0.69	84.93 4.52 -1.07	98.99 6.34 -0.67	117.27 8.62 -10.69	167.75 10.97 -34.93	248.16 14.10 -82.52	281.20 20.00 -36.38	265.80 21.26 0.00	232.47 17.81 0.00	163.67 11.42 0.00	101.88 6.04 0.00	80.39 3.17 0.00	65.27 1.28 0.00
PGE MADISON___WINDPWR 24146	54.82 5.21 0.00	48.32 4.43 0.00	41.85 3.67 0.00	38.92 3.25 0.00	39.04 3.42 0.00	42.02 3.65 0.00	47.70 4.30 0.00	53.19 4.70 0.00	54.69 4.79 0.00	59.61 4.92 0.00	66.97 5.53 0.00	78.25 6.39 0.00	86.96 7.62 0.00	101.63 9.65 0.00	110.00 12.05 0.00	137.57 15.72 0.00	171.24 19.69 0.00	255.16 30.34 0.00	280.24 35.70 0.00	246.66 31.99 0.00	174.78 22.53 0.00	109.15 13.32 0.00	86.41 9.19 0.00	71.10 7.10 0.00

PIERCEFIELD___HYD 23852	50.11 0.50 0.00	44.24 0.35 0.00	38.18 0.00 0.00	35.71 0.04 0.00	35.66 0.04 0.00	38.68 0.31 0.00	44.09 0.69 0.00	49.51 1.02 0.00	50.80 0.90 0.00	55.29 0.60 0.00	61.44 0.00 0.00	71.50 -0.36 0.00	77.83 -1.51 0.00	89.21 -2.76 0.00	90.42 -7.54 0.00	93.27 -9.50 19.08	97.06 -11.52 42.96	213.58 -11.24 0.00	129.94 -15.65 98.95	106.66 -13.09 94.91	98.87 -8.83 44.55	91.62 -4.22 0.00	77.38 0.15 0.00	65.15 1.15 0.00
PINELAWN_CC_1 323563	50.69 1.09 0.01	46.83 2.94 0.00	41.27 3.09 0.00	38.42 2.75 0.00	38.19 2.57 0.00	40.99 2.61 0.00	45.61 2.21 0.00	49.12 0.63 0.00	50.74 1.20 0.36	51.52 0.87 4.04	62.75 1.11 -0.20	73.95 1.58 -0.52	85.43 5.00 -1.09	106.10 7.54 -6.58	121.00 10.00 -13.04	174.98 12.91 -40.22	263.46 16.37 -95.54	294.35 23.60 -45.93	263.99 25.43 5.98	230.88 21.05 4.84	166.10 13.85 0.00	102.54 6.71 0.00	81.02 3.78 -0.01	65.36 1.47 0.11
PJM_GEN_HTP_PROXY 323702	51.65 2.03 0.00	46.30 2.41 0.00	40.51 2.33 0.00	37.82 2.14 0.00	37.72 2.10 0.00	40.49 2.11 0.00	45.57 2.17 0.00	50.72 2.23 0.00	52.15 2.25 0.00	57.59 2.57 -0.33	64.49 2.77 -0.28	76.01 3.45 -0.70	85.90 5.47 -1.09	100.20 7.54 -0.68	120.95 10.09 -12.90	177.02 12.67 -42.50	267.86 15.91 -100.41	291.78 22.70 -44.26	268.75 24.21 0.00	235.07 20.40 0.00	165.11 12.93 0.08	102.72 6.81 -0.08	80.93 3.71 0.00	65.66 1.66 0.00
PJM_GEN_KEystone 24065	51.20 1.59 0.00	45.29 1.40 0.00	39.55 1.37 0.00	36.85 1.18 0.00	36.76 1.14 0.00	39.30 0.92 0.00	44.01 0.61 0.00	48.83 0.34 0.00	50.65 0.75 0.00	55.60 1.09 0.18	62.39 1.41 0.46	73.43 1.51 -0.06	82.35 2.70 -0.31	95.65 3.58 -0.09	108.28 5.88 -4.45	144.02 6.94 -15.23	191.61 8.03 -32.04	247.47 9.00 -13.65	253.81 10.03 0.76	222.28 9.22 1.61	155.27 5.64 2.62	97.92 3.35 1.27	77.37 1.54 1.40	64.43 1.21 0.78
PJM_GEN_NEPTUNE_PROXY 323594	50.34 0.75 0.02	46.30 2.41 0.00	40.78 2.60 0.00	37.96 2.29 0.00	37.76 2.14 0.00	40.52 2.15 0.00	45.18 1.78 0.00	48.83 0.34 0.00	50.31 0.85 0.43	50.74 1.04 4.98	63.01 1.29 -0.27	74.57 2.01 -0.70	85.58 5.15 -1.09	100.83 7.54 -1.31	120.89 9.89 -13.04	173.32 12.55 -38.92	260.15 15.91 -92.70	281.60 22.70 -34.09	259.93 24.21 8.82	227.94 20.40 7.13	165.57 13.40 0.08	102.71 6.81 -0.07	81.22 3.94 -0.05	65.52 1.53 0.01
PJM_GEN_VFT_PROXY 323633	51.34 1.74 0.01	46.08 2.19 0.00	40.32 2.14 0.00	37.64 1.96 0.00	37.54 1.92 0.00	40.33 1.96 0.00	45.40 2.00 0.00	50.48 1.99 0.00	51.90 2.00 0.00	52.21 2.30 4.77	55.25 2.27 8.46	71.03 2.95 3.77	81.42 4.92 2.85	95.69 6.90 3.18	116.37 9.31 -9.10	145.45 11.70 -11.90	210.77 14.86 -44.37	258.76 21.13 -12.81	256.18 22.48 10.84	210.36 18.67 22.97	127.78 11.88 36.35	82.81 6.14 19.17	60.38 3.17 20.01	54.05 1.21 11.16
PLATSBRG_115KV_PMLD1 355749	49.41 -0.20 0.00	43.97 0.09 0.00	38.07 -0.11 0.00	35.64 -0.04 0.00	35.66 0.04 0.00	38.68 0.31 0.00	44.05 0.65 0.00	49.12 0.63 0.00	50.50 0.60 0.00	55.23 0.55 0.00	62.12 0.68 0.00	72.50 0.65 0.00	79.02 -0.32 0.00	90.96 -1.01 0.00	94.04 -3.92 0.00	115.43 -5.00 1.43	142.29 -6.06 3.19	218.52 -6.29 0.00	236.71 -7.83 0.00	200.95 -6.65 7.06	144.05 -4.87 3.32	92.96 -2.88 0.00	76.30 -0.93 0.00	63.74 -0.26 0.00
PLEASANTVLY___LBMP 24000	50.75 1.14 0.00	45.42 1.54 0.00	39.75 1.57 0.00	37.17 1.50 0.00	37.05 1.42 0.00	39.80 1.42 0.00	44.75 1.35 0.00	49.70 1.21 0.00	51.10 1.20 0.00	56.32 1.26 -0.37	63.17 1.41 -0.32	74.51 1.87 -0.79	83.90 3.33 -1.22	97.34 4.60 -0.77	105.42 6.86 -0.60	125.02 8.77 5.60	149.68 11.37 13.23	234.95 15.96 5.83	261.41 16.87 0.00	228.62 13.95 0.00	161.69 9.44 0.00	100.72 4.89 0.00	79.70 2.47 0.00	65.02 1.02 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	51.20 1.59 0.00	45.82 1.93 0.00	40.09 1.91 0.00	37.50 1.82 0.00	37.37 1.75 0.00	40.10 1.73 0.00	45.09 1.69 0.00	50.18 1.70 0.00	51.60 1.70 0.00	56.88 1.86 -0.34	63.82 2.09 -0.29	75.30 2.73 -0.72	84.81 4.36 -1.11	98.56 5.89 -0.70	106.93 8.42 -0.55	105.64 10.72 26.93	101.71 13.79 63.62	216.33 19.56 28.05	265.32 20.79 0.00	231.84 17.17 0.00	163.67 11.42 0.00	101.87 6.04 0.00	80.47 3.24 0.00	65.47 1.47 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	51.20 1.59 0.00	45.82 1.93 0.00	40.09 1.91 0.00	37.50 1.82 0.00	37.37 1.75 0.00	40.10 1.73 0.00	45.09 1.69 0.00	50.18 1.70 0.00	51.60 1.70 0.00	56.88 1.86 -0.34	63.82 2.09 -0.29	75.30 2.73 -0.72	84.81 4.36 -1.11	98.56 5.89 -0.70	106.93 8.42 -0.55	105.64 10.72 26.93	101.71 13.79 63.62	216.33 19.56 28.05	265.32 20.79 0.00	231.84 17.17 0.00	163.67 11.42 0.00	101.87 6.04 0.00	80.47 3.24 0.00	65.47 1.47 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	51.25 1.64 0.00	45.77 1.89 0.00	40.05 1.87 0.00	37.42 1.75 0.00	37.33 1.71 0.00	40.07 1.69 0.00	45.09 1.69 0.00	50.09 1.60 0.00	51.50 1.60 0.00	56.44 1.75 0.00	63.41 1.97 0.00	74.44 2.59 0.00	83.55 4.21 0.00	97.68 5.70 0.00	106.09 8.13 0.00	129.78 10.48 2.55	159.16 13.64 6.02	241.95 19.78 2.65	265.81 21.27 0.00	232.70 18.03 0.00	164.28 12.03 0.00	102.35 6.52 0.00	80.86 3.63 0.00	65.79 1.79 0.00
POLETTI____ 23519	51.65 2.03 0.00	46.34 2.46 0.00	40.51 2.33 0.00	37.85 2.18 0.00	37.72 2.10 0.00	40.53 2.15 0.00	45.57 2.17 0.00	50.77 2.28 0.00	52.25 2.35 0.00	57.53 2.52 -0.33	64.36 2.64 -0.28	75.86 3.31 -0.70	85.66 5.24 -1.09	99.83 7.17 -0.68	108.39 9.89 -0.53	176.88 12.43 -42.60	267.95 15.76 -100.65	291.67 22.48 -44.37	268.50 23.96 0.00	234.63 19.96 0.00	165.04 12.79 0.00	102.55 6.71 0.00	80.86 3.63 0.00	65.72 1.73 0.00
POMONA___ESR 323819	51.20 1.59 0.00	45.86 1.98 0.00	40.09 1.91 0.00	37.46 1.78 0.00	37.37 1.74 0.00	40.11 1.73 0.00	45.09 1.69 0.00	50.08 1.60 0.00	51.40 1.50 0.00	56.80 1.80 -0.31	63.73 2.02 -0.26	75.17 2.66 -0.66	84.80 4.44 -1.02	98.87 6.26 -0.64	115.04 8.52 -8.56	160.54 10.97 -27.72	231.12 14.10 -65.48	273.47 19.79 -28.86	265.80 21.26 0.00	232.27 17.61 0.00	163.51 11.27 0.00	101.78 5.94 0.00	80.32 3.09 0.00	65.27 1.28 0.00
PORT_JEFF_3 23555	50.29 0.69 0.02	46.65 2.77 0.00	41.16 2.98 0.00	38.28 2.60 0.00	38.04 2.42 0.00	40.83 2.46 0.00	45.35 1.95 0.00	48.68 0.19 0.00	50.34 0.85 0.40	51.07 0.99 4.60	62.79 1.23 -0.12	73.86 1.80 -0.21	85.83 5.40 -1.09	103.35 8.10 -3.28	128.65 10.49 -20.21	235.65 13.40 -100.39	262.20 16.22 -94.43	287.58 23.38 -39.38	262.40 24.95 7.09	250.41 21.26 -14.49	201.95 14.31 -35.40	102.93 7.09 -0.01	80.53 4.40 1.10	65.49 1.79 0.30
PORT_JEFF_4 23616	50.29 0.69 0.02	46.65 2.77 0.00	41.16 2.98 0.00	38.28 2.60 0.00	38.04 2.42 0.00	40.83 2.46 0.00	45.35 1.95 0.00	48.68 0.19 0.00	50.34 0.85 0.40	51.07 0.99 4.60	62.79 1.23 -0.12	73.86 1.80 -0.21	85.83 5.40 -1.09	103.35 8.10 -3.28	128.65 10.49 -20.21	235.65 13.40 -100.39	262.20 16.22 -94.43	287.58 23.38 -39.38	262.40 24.95 7.09	250.41 21.26 -14.49	201.95 14.31 -35.40	102.93 7.09 -0.01	80.53 4.40 1.10	65.49 1.79 0.30

PORT_JEFF_IC 23713	50.39 0.79 0.02	46.91 3.03 0.00	41.20 3.02 0.00	38.39 2.71 0.00	38.11 2.49 0.00	40.99 2.61 0.00	45.44 2.04 0.00	49.75 1.26 0.00	50.54 1.05 0.40	51.03 0.93 4.58	62.81 1.29 -0.08	73.83 1.94 -0.03	85.67 5.24 -1.09	103.16 7.82 -3.37	121.46 10.68 -12.83	129.30 13.65 -143.80	162.54 16.52 -94.47	188.23 23.83 -39.58	212.92 25.43 7.05	237.54 21.90 -28.98	262.58 14.62 -60.72	287.03 7.19 -0.01	311.64 4.32 1.53	336.19 2.05 0.41
PPL PILGRIM_ST_GT1 24216	50.69 1.09 0.02	47.05 3.16 0.00	41.50 3.32 0.00	38.64 2.96 0.00	38.40 2.78 0.00	41.18 2.80 0.00	45.79 2.39 0.00	49.12 0.63 0.00	50.75 1.25 0.40	51.60 1.42 4.51	63.31 1.78 -0.09	75.23 2.73 -0.65	86.65 6.19 -1.12	104.41 8.64 -3.79	121.87 10.87 -13.04	175.69 14.01 -39.83	263.81 17.57 -94.70	290.69 25.40 -40.48	264.85 27.14 6.83	231.89 22.74 5.52	167.47 15.22 0.00	103.31 7.48 0.00	80.65 4.79 1.36	66.25 2.24 -0.01
PPL PILGRIM_ST_GT2 24217	50.69 1.09 0.02	47.05 3.16 0.00	41.50 3.32 0.00	38.64 2.96 0.00	38.40 2.78 0.00	41.18 2.80 0.00	45.79 2.39 0.00	49.12 0.63 0.00	50.75 1.25 0.40	51.60 1.42 4.51	63.31 1.78 -0.09	75.23 2.73 -0.65	86.65 6.19 -1.12	104.41 8.64 -3.79	121.87 10.87 -13.04	175.69 14.01 -39.83	263.81 17.57 -94.70	290.69 25.40 -40.48	264.85 27.14 6.83	231.89 22.74 5.52	167.47 15.22 0.00	103.31 7.48 0.00	80.65 4.79 1.36	66.25 2.24 -0.01
PPL_SHRM_GT3 24213	49.95 0.35 0.02	46.30 2.41 0.00	40.85 2.67 0.00	37.99 2.32 0.00	37.79 2.17 0.00	40.56 2.19 0.00	44.96 1.56 0.00	48.29 -0.19 0.00	50.00 0.50 0.40	50.80 0.71 4.59	62.72 1.16 -0.11	74.12 2.09 -0.18	86.46 6.03 -1.09	104.21 8.92 -3.32	130.62 11.46 -21.20	245.20 14.49 -108.85	262.82 16.82 -94.46	288.59 24.29 -39.48	263.65 26.18 7.07	255.60 23.61 -17.32	208.71 16.13 -40.33	103.89 8.05 -0.01	80.59 4.56 1.19	65.34 1.66 0.32
PPL_SHRM_GT4 24214	49.95 0.35 0.02	46.30 2.41 0.00	40.85 2.67 0.00	37.99 2.32 0.00	37.79 2.17 0.00	40.56 2.19 0.00	44.96 1.56 0.00	48.29 -0.19 0.00	50.00 0.50 0.40	50.80 0.71 4.59	62.72 1.16 -0.11	74.12 2.09 -0.18	86.46 6.03 -1.09	104.21 8.92 -3.32	130.62 11.46 -21.20	245.20 14.49 -108.85	262.82 16.82 -94.46	288.59 24.29 -39.48	263.65 26.18 7.07	255.60 23.61 -17.32	208.71 16.13 -40.33	103.89 8.05 -0.01	80.59 4.56 1.19	65.34 1.66 0.32
PROJECT___ORANGE 1 24174	49.81 0.20 0.00	43.93 0.04 0.00	38.22 0.04 0.00	35.60 -0.07 0.00	35.55 -0.07 0.00	38.18 -0.19 0.00	43.10 -0.30 0.00	48.15 -0.34 0.00	49.70 -0.20 0.00	54.63 -0.05 0.00	61.50 0.06 0.00	72.00 0.14 0.00	79.82 0.48 0.00	92.71 0.74 0.00	99.72 1.76 0.00	123.92 2.07 0.00	153.81 2.27 0.00	227.07 2.25 0.00	244.92 3.18 2.80	217.89 3.22 0.00	154.54 2.28 0.00	96.99 1.15 0.00	77.69 0.46 0.00	64.12 0.13 0.00
PROJECT___ORANGE 2 24166	49.81 0.20 0.00	43.93 0.04 0.00	38.22 0.04 0.00	35.60 -0.07 0.00	35.55 -0.07 0.00	38.18 -0.19 0.00	43.10 -0.30 0.00	48.15 -0.34 0.00	49.70 -0.20 0.00	54.63 -0.05 0.00	61.50 0.06 0.00	72.00 0.14 0.00	79.82 0.48 0.00	92.71 0.74 0.00	99.72 1.76 0.00	123.92 2.07 0.00	153.81 2.27 0.00	227.07 2.25 0.00	244.92 3.18 2.80	217.89 3.22 0.00	154.54 2.28 0.00	96.99 1.15 0.00	77.69 0.46 0.00	64.12 0.13 0.00
PUCKETT___SOLAR 323809	51.85 2.23 0.00	45.73 1.84 0.00	39.75 1.57 0.00	37.03 1.36 0.00	37.01 1.39 0.00	39.72 1.34 0.00	44.79 1.39 0.00	49.80 1.31 0.00	51.40 1.50 0.00	56.27 1.59 0.00	63.28 1.84 0.00	73.86 2.01 0.00	82.04 2.70 0.00	95.56 3.58 0.00	103.15 5.19 0.00	128.30 6.45 0.00	159.42 7.88 0.00	235.61 10.79 0.00	257.98 13.44 0.00	227.54 12.88 0.00	161.23 8.98 0.00	101.30 5.46 0.00	80.71 3.48 0.00	66.74 2.75 0.00
PYRITES___HYD 24023	51.00 1.39 0.00	44.98 1.10 0.00	38.79 0.61 0.00	36.28 0.61 0.00	36.26 0.64 0.00	39.37 1.00 0.00	44.88 1.48 0.00	50.33 1.84 0.00	51.50 1.60 0.00	56.05 1.37 0.00	62.42 0.98 0.00	72.57 0.72 0.00	78.94 -0.40 0.00	90.59 -1.38 0.00	91.79 -6.17 0.00	94.48 -7.80 19.57	98.38 -9.09 44.07	218.07 -6.74 0.00	129.24 -10.27 105.03	109.80 -7.51 97.36	101.98 -4.57 45.70	94.11 -1.73 0.00	79.08 1.85 0.00	66.49 2.50 0.00
QUAKERRD_115KV_BK1 80622	50.56 0.94 0.00	44.19 0.31 0.00	38.45 0.27 0.00	35.64 -0.04 0.00	35.62 0.00 0.00	38.03 -0.35 0.00	42.66 -0.74 0.00	47.76 -0.73 0.00	49.55 -0.35 0.00	54.80 0.11 0.00	61.81 0.37 0.00	72.07 0.22 0.00	79.74 0.40 0.00	92.43 0.46 0.00	99.92 1.96 0.00	123.68 1.83 0.00	152.76 1.21 0.00	223.92 -0.90 0.00	244.78 0.24 0.00	215.95 1.29 0.00	153.31 1.07 0.00	96.79 0.96 0.00	77.54 0.31 0.00	64.44 0.45 0.00
QUENSBRY_115KV_TB8 356137	51.35 1.74 0.00	45.60 1.71 0.00	39.94 1.76 0.00	37.28 1.61 0.00	37.19 1.57 0.00	40.03 1.65 0.00	45.14 1.74 0.00	50.18 1.70 0.00	51.70 1.80 0.00	56.09 1.70 0.29	62.42 1.23 0.25	72.75 1.51 0.61	80.70 2.30 0.95	94.60 3.22 0.59	101.71 4.21 0.46	126.04 6.21 2.02	155.40 8.64 4.78	236.20 13.49 2.11	262.63 18.10 0.00	231.84 17.17 0.00	165.49 13.25 0.00	102.93 7.09 0.00	81.78 4.56 0.00	67.07 3.07 0.00
RAMAPO___LBMP 323565	51.05 1.44 0.00	45.69 1.80 0.00	39.94 1.76 0.00	37.35 1.68 0.00	37.22 1.60 0.00	39.99 1.61 0.00	44.96 1.56 0.00	49.99 1.50 0.00	51.35 1.45 0.00	56.58 1.59 -0.31	63.48 1.78 -0.26	74.87 2.37 -0.65	84.39 4.05 -1.00	98.12 5.52 -0.63	106.39 7.93 -0.49	157.59 10.24 -25.51	224.83 13.03 -60.26	269.82 18.44 -26.56	264.10 19.56 0.00	230.98 16.31 0.00	162.60 10.35 0.00	101.20 5.37 0.00	79.93 2.70 0.00	65.08 1.09 0.00
RANKINE____ 23646	52.99 3.37 0.00	45.99 2.11 0.00	40.13 1.95 0.00	37.03 1.36 0.00	37.05 1.42 0.00	39.22 0.84 0.00	43.57 0.17 0.00	48.63 0.15 0.00	50.90 1.00 0.00	56.55 1.86 0.00	64.08 2.64 0.00	74.15 2.30 0.00	82.44 3.09 0.00	94.83 2.85 0.00	103.84 5.88 0.00	127.82 5.97 0.00	156.24 4.70 0.00	225.72 0.90 0.00	246.74 2.20 0.00	219.39 4.72 0.00	155.29 3.04 0.00	99.00 3.16 0.00	79.39 2.16 0.00	66.75 2.75 0.00
RAVENSWOOD_GT2_1 24244	51.70 2.08 0.00	46.39 2.50 0.00	40.55 2.37 0.00	37.89 2.21 0.00	37.76 2.14 0.00	40.56 2.19 0.00	45.61 2.21 0.00	50.81 2.33 0.00	52.30 2.40 0.00	57.59 2.57 -0.33	64.49 2.76 -0.28	76.01 3.45 -0.70	85.82 5.40 -1.09	99.83 7.17 -0.68	108.48 9.99 -0.53	177.09 12.55 -42.69	268.32 15.91 -100.86	291.99 22.71 -44.46	268.74 24.21 0.00	234.84 20.18 0.00	165.19 12.94 0.00	102.64 6.80 0.00	80.93 3.71 0.00	65.79 1.79 0.00
RAVENSWOOD_GT2_2 24245	51.70 2.08 0.00	46.39 2.50 0.00	40.55 2.37 0.00	37.89 2.21 0.00	37.76 2.14 0.00	40.56 2.19 0.00	45.61 2.21 0.00	50.81 2.33 0.00	52.30 2.40 0.00	57.59 2.57 -0.33	64.49 2.76 -0.28	76.01 3.45 -0.70	85.82 5.40 -1.09	99.83 7.17 -0.68	108.48 9.99 -0.53	177.09 12.55 -42.69	268.32 15.91 -100.86	291.99 22.71 -44.46	268.74 24.21 0.00	234.84 20.18 0.00	165.19 12.94 0.00	102.64 6.80 0.00	80.93 3.71 0.00	65.79 1.79 0.00

RAVENSWOOD_GT2_3 24246	51.70 2.08 0.00	46.39 2.50 0.00	40.59 2.41 0.00	37.92 2.25 0.00	37.76 2.14 0.00	40.60 2.23 0.00	45.66 2.26 0.00	50.81 2.33 0.00	52.30 2.40 0.00	57.64 2.62 -0.33	64.49 2.76 -0.28	76.01 3.45 -0.70	85.90 5.47 -1.09	99.92 7.27 -0.68	108.58 10.09 -0.53	177.22 12.67 -42.69	268.47 16.06 -100.86	292.22 22.93 -44.46	268.99 24.45 0.00	235.06 20.39 0.00	165.34 13.09 0.00	102.74 6.90 0.00	81.01 3.78 0.00	65.85 1.86 0.00
RAVENSWOOD_GT2_4 24247	51.70 2.08 0.00	46.39 2.50 0.00	40.59 2.41 0.00	37.92 2.25 0.00	37.76 2.14 0.00	40.60 2.23 0.00	45.66 2.26 0.00	50.81 2.33 0.00	52.30 2.40 0.00	57.64 2.62 -0.33	64.49 2.76 -0.28	76.01 3.45 -0.70	85.90 5.47 -1.09	99.92 7.27 -0.68	108.58 10.09 -0.53	177.22 12.67 -42.69	268.47 16.06 -100.86	292.22 22.93 -44.46	268.99 24.45 0.00	235.06 20.39 0.00	165.34 13.09 0.00	102.74 6.90 0.00	81.01 3.78 0.00	65.85 1.86 0.00
RAVENSWOOD_GT3_1 24248	51.70 2.08 0.00	46.39 2.50 0.00	40.55 2.37 0.00	37.89 2.21 0.00	37.76 2.14 0.00	40.56 2.19 0.00	45.61 2.21 0.00	50.81 2.33 0.00	52.30 2.40 0.00	57.64 2.62 -0.33	64.49 2.76 -0.28	76.01 3.45 -0.70	85.82 5.40 -1.09	99.92 7.27 -0.68	108.48 9.99 -0.53	177.09 12.55 -42.69	268.32 15.91 -100.86	291.99 22.71 -44.46	268.74 24.21 0.00	234.84 20.18 0.00	165.34 13.09 0.00	102.74 6.90 0.00	80.93 3.71 0.00	65.79 1.79 0.00
RAVENSWOOD_GT3_2 24249	51.70 2.08 0.00	46.39 2.50 0.00	40.55 2.37 0.00	37.89 2.21 0.00	37.76 2.14 0.00	40.56 2.19 0.00	45.61 2.21 0.00	50.81 2.33 0.00	52.30 2.40 0.00	57.64 2.62 -0.33	64.49 2.76 -0.28	76.01 3.45 -0.70	85.82 5.40 -1.09	99.92 7.27 -0.68	108.48 9.99 -0.53	177.09 12.55 -42.69	268.32 15.91 -100.86	291.99 22.71 -44.46	268.74 24.21 0.00	234.84 20.18 0.00	165.34 13.09 0.00	102.74 6.90 0.00	80.93 3.71 0.00	65.79 1.79 0.00
RAVENSWOOD_GT3_3 24250	51.80 2.18 0.00	46.48 2.59 0.00	40.63 2.44 0.00	37.96 2.28 0.00	37.83 2.21 0.00	40.64 2.26 0.00	45.70 2.30 0.00	50.91 2.42 0.00	52.39 2.49 0.00	57.75 2.73 -0.33	64.61 2.89 -0.28	76.15 3.59 -0.70	85.98 5.55 -1.09	100.11 7.45 -0.68	108.68 10.19 -0.53	177.46 12.92 -42.69	268.77 16.37 -100.86	292.66 23.38 -44.46	269.48 24.94 0.00	235.49 20.82 0.00	165.65 13.40 0.00	102.93 7.09 0.00	81.17 3.94 0.00	65.91 1.92 0.00
RAVENSWOOD_GT3_4 24251	51.80 2.18 0.00	46.48 2.59 0.00	40.63 2.44 0.00	37.96 2.28 0.00	37.83 2.21 0.00	40.64 2.26 0.00	45.70 2.30 0.00	50.91 2.42 0.00	52.39 2.49 0.00	57.75 2.73 -0.33	64.61 2.89 -0.28	76.15 3.59 -0.70	85.98 5.55 -1.09	100.11 7.45 -0.68	108.68 10.19 -0.53	177.46 12.92 -42.69	268.77 16.37 -100.86	292.66 23.38 -44.46	269.48 24.94 0.00	235.49 20.82 0.00	165.65 13.40 0.00	102.93 7.09 0.00	81.17 3.94 0.00	65.91 1.92 0.00
RAVENSWOOD_GT_1 23729	51.95 2.33 0.00	46.61 2.72 0.00	40.78 2.60 0.00	38.10 2.43 0.00	37.97 2.35 0.00	40.79 2.42 0.00	45.87 2.47 0.00	50.86 2.38 0.00	52.30 2.40 0.00	57.64 2.62 -0.33	64.12 2.40 -0.28	75.58 3.02 -0.70	85.43 5.00 -1.09	99.37 6.71 -0.68	107.90 9.40 -0.53	156.64 11.94 -22.85	211.27 15.15 -44.57	283.52 21.58 -37.11	261.71 22.99 5.81	210.79 19.11 22.98	125.85 12.33 38.73	90.86 6.33 11.31	63.80 3.32 16.75	61.72 1.47 3.75
RAVENSWOOD_GT_10 24258	51.70 2.08 0.00	46.39 2.50 0.00	40.55 2.37 0.00	37.89 2.21 0.00	37.76 2.14 0.00	40.56 2.19 0.00	45.61 2.21 0.00	50.81 2.33 0.00	52.30 2.40 0.00	57.64 2.62 -0.33	64.49 2.76 -0.28	76.01 3.45 -0.70	85.82 5.40 -1.09	99.92 7.27 -0.68	108.48 9.99 -0.53	177.09 12.55 -42.69	268.47 16.06 -100.86	291.99 22.71 -44.46	268.74 24.21 0.00	235.06 20.39 0.00	165.34 13.09 0.00	102.74 6.90 0.00	81.01 3.78 0.00	65.79 1.79 0.00
RAVENSWOOD_GT_11 24259	51.70 2.08 0.00	46.39 2.50 0.00	40.55 2.37 0.00	37.89 2.21 0.00	37.76 2.14 0.00	40.56 2.19 0.00	45.61 2.21 0.00	50.81 2.33 0.00	52.30 2.40 0.00	57.64 2.62 -0.33	64.49 2.76 -0.28	76.01 3.45 -0.70	85.82 5.40 -1.09	99.92 7.27 -0.68	108.48 9.99 -0.53	177.09 12.55 -42.69	268.47 16.06 -100.86	291.99 22.71 -44.46	268.74 24.21 0.00	235.06 20.39 0.00	165.34 13.09 0.00	102.74 6.90 0.00	81.01 3.78 0.00	65.79 1.79 0.00
RAVENSWOOD_GT_4 24252	51.70 2.08 0.00	46.39 2.50 0.00	40.55 2.37 0.00	37.89 2.21 0.00	37.76 2.14 0.00	40.56 2.19 0.00	45.61 2.21 0.00	50.81 2.33 0.00	52.30 2.40 0.00	57.64 2.62 -0.33	64.49 2.76 -0.28	76.01 3.45 -0.70	85.82 5.40 -1.09	99.92 7.27 -0.68	108.48 9.99 -0.53	177.09 12.55 -42.69	268.32 15.91 -100.86	291.99 22.71 -44.46	268.74 24.21 0.00	234.84 20.18 0.00	165.34 13.09 0.00	102.74 6.90 0.00	81.01 3.78 0.00	65.79 1.79 0.00
RAVENSWOOD_GT_5 24254	51.70 2.08 0.00	46.39 2.50 0.00	40.55 2.37 0.00	37.89 2.21 0.00	37.76 2.14 0.00	40.56 2.19 0.00	45.61 2.21 0.00	50.81 2.33 0.00	52.30 2.40 0.00	57.64 2.62 -0.33	64.49 2.76 -0.28	76.01 3.45 -0.70	85.82 5.40 -1.09	99.92 7.27 -0.68	108.48 9.99 -0.53	177.09 12.55 -42.69	268.32 15.91 -100.86	291.99 22.71 -44.46	268.74 24.21 0.00	234.84 20.18 0.00	165.34 13.09 0.00	102.74 6.90 0.00	81.01 3.78 0.00	65.79 1.79 0.00
RAVENSWOOD_GT_6 24253	51.70 2.08 0.00	46.39 2.50 0.00	40.55 2.37 0.00	37.89 2.21 0.00	37.76 2.14 0.00	40.56 2.19 0.00	45.61 2.21 0.00	50.81 2.33 0.00	52.30 2.40 0.00	57.64 2.62 -0.33	64.49 2.76 -0.28	76.01 3.45 -0.70	85.82 5.40 -1.09	99.92 7.27 -0.68	108.48 9.99 -0.53	177.09 12.55 -42.69	268.32 15.91 -100.86	291.99 22.71 -44.46	268.74 24.21 0.00	234.84 20.18 0.00	165.34 13.09 0.00	102.74 6.90 0.00	81.01 3.78 0.00	65.79 1.79 0.00
RAVENSWOOD_GT_7 24255	51.70 2.08 0.00	46.39 2.50 0.00	40.55 2.37 0.00	37.89 2.21 0.00	37.76 2.14 0.00	40.56 2.19 0.00	45.61 2.21 0.00	50.81 2.33 0.00	52.30 2.40 0.00	57.64 2.62 -0.33	64.49 2.76 -0.28	76.01 3.45 -0.70	85.82 5.40 -1.09	99.92 7.27 -0.68	108.48 9.99 -0.53	177.09 12.55 -42.69	268.32 15.91 -100.86	291.99 22.71 -44.46	268.74 24.21 0.00	234.84 20.18 0.00	165.34 13.09 0.00	102.74 6.90 0.00	81.01 3.78 0.00	65.79 1.79 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	51.70 2.08 0.00	46.39 2.50 0.00	40.55 2.37 0.00	37.89 2.21 0.00	37.76 2.14 0.00	40.56 2.19 0.00	45.61 2.21 0.00	50.81 2.33 0.00	52.30 2.40 0.00	57.64 2.62 -0.33	64.49 2.76 -0.28	76.01 3.45 -0.70	85.82 5.40 -1.09	99.92 7.27 -0.68	108.48 9.99 -0.53	177.09 12.55 -42.69	268.47 16.06 -100.86	291.99 22.71 -44.46	268.74 24.21 0.00	235.06 20.39 0.00	165.34 13.09 0.00	102.74 6.90 0.00	81.01 3.78 0.00	65.79 1.79 0.00
RAVENSWOOD_GT_9 24257	51.70 2.08 0.00	46.39 2.50 0.00	40.55 2.37 0.00	37.89 2.21 0.00	37.76 2.14 0.00	40.56 2.19 0.00	45.61 2.21 0.00	50.81 2.33 0.00	52.30 2.40 0.00	57.64 2.62 -0.33	64.49 2.76 -0.28	76.01 3.45 -0.70	85.82 5.40 -1.09	99.92 7.27 -0.68	108.48 9.99 -0.53	177.09 12.55 -42.69	268.47 16.06 -100.86	291.99 22.71 -44.46	268.74 24.21 0.00	235.06 20.39 0.00	165.34 13.09 0.00	102.74 6.90 0.00	81.01 3.78 0.00	65.79 1.79 0.00

RAVENSWOOD___1 23533	51.90 2.28 0.00	46.57 2.68 -0.01	40.75 2.56 -0.01	38.04 2.35 -0.01	37.94 2.31 -0.01	40.76 2.38 -0.01	45.84 2.43 -0.01	50.91 2.42 0.00	51.99 2.10 0.00	57.59 2.57 -0.33	63.99 2.27 -0.27	75.50 2.95 -0.69	85.34 4.92 -1.08	99.55 6.90 -0.67	120.22 9.31 -12.95	152.46 11.70 -18.91	210.98 14.86 -44.57	283.06 21.13 -37.11	261.21 22.48 5.81	210.58 18.90 22.98	125.06 12.02 39.21	90.17 6.23 11.90	62.34 3.24 18.13	60.78 1.28 4.49
RAVENSWOOD___2 23534	51.79 2.18 0.00	46.48 2.59 -0.01	40.67 2.48 -0.01	37.97 2.29 -0.01	37.87 2.25 -0.01	40.65 2.26 -0.01	45.75 2.34 -0.01	50.77 2.28 0.00	51.90 2.00 0.00	57.48 2.46 -0.33	63.50 1.78 -0.27	74.85 2.30 -0.69	84.62 4.20 -1.08	98.62 5.97 -0.67	119.23 8.32 -12.95	151.25 10.60 -18.80	209.60 13.48 -44.57	281.03 19.10 -37.11	259.01 20.29 5.81	208.64 16.95 22.98	123.99 10.97 39.23	89.48 5.56 11.91	61.76 2.70 18.16	60.31 0.83 4.51
RAVENSWOOD___3 23535	51.70 2.08 0.00	46.39 2.50 0.00	40.55 2.37 0.00	37.85 2.18 0.00	37.76 2.14 0.00	40.56 2.19 0.00	45.61 2.21 0.00	50.72 2.23 0.00	52.15 2.25 0.00	57.64 2.62 -0.33	64.42 2.70 -0.28	76.01 3.45 -0.70	85.90 5.47 -1.09	100.20 7.54 -0.68	120.91 10.00 -12.95	177.10 12.55 -42.69	268.31 15.91 -100.86	291.98 22.70 -44.46	268.75 24.21 0.00	235.07 20.40 0.00	165.34 13.10 0.00	102.74 6.90 0.00	81.01 3.78 0.00	65.72 1.73 0.00
RAVENSWOOD___4 23820	51.85 2.23 0.00	46.57 2.68 -0.01	40.75 2.56 -0.01	38.04 2.35 -0.01	37.94 2.31 -0.01	40.73 2.34 -0.01	45.84 2.43 -0.01	50.86 2.38 0.00	51.95 2.05 0.00	57.53 2.52 -0.33	63.86 2.15 -0.27	75.43 2.88 -0.69	85.26 4.84 -1.08	99.36 6.71 -0.67	120.11 9.21 -12.95	148.34 11.58 -14.91	210.81 14.70 -44.57	282.84 20.91 -37.11	260.98 22.25 5.81	210.35 18.67 22.98	124.43 11.88 39.71	89.48 6.14 12.50	60.87 3.17 19.53	59.96 1.21 5.25
RCPL_TRUST___DRP 24196	51.75 2.13 0.00	46.43 2.55 0.00	40.59 2.41 0.00	37.92 2.25 0.00	37.79 2.17 0.00	40.60 2.23 0.00	45.70 2.30 0.00	50.91 2.42 0.00	52.44 2.54 0.00	57.75 2.73 -0.33	64.73 3.01 -0.28	76.22 3.66 -0.70	86.06 5.63 -1.09	100.20 7.54 -0.68	108.88 10.38 -0.53	177.27 12.92 -42.50	268.32 16.37 -100.41	292.46 23.38 -44.26	269.23 24.70 0.00	235.49 20.82 0.00	165.49 13.25 0.00	102.83 7.00 0.00	81.09 3.86 0.00	65.85 1.86 0.00
RED___ROCHESTER 323720	52.44 2.83 0.00	45.73 1.84 0.00	39.75 1.57 0.00	36.96 1.28 0.00	36.79 1.17 0.00	39.26 0.88 0.00	43.83 0.43 0.00	49.36 0.87 0.00	51.54 1.64 0.00	56.88 2.19 0.00	64.21 2.77 0.00	74.94 3.09 0.00	82.60 3.25 0.00	95.84 3.86 0.00	103.93 5.98 0.00	128.30 6.45 0.00	158.20 6.66 0.00	231.56 8.79 0.00	253.33 8.80 0.00	223.47 6.54 0.00	158.79 4.51 0.00	100.34 3.17 0.00	80.39 3.17 0.00	67.32 3.33 0.00
REGAN___SOLAR 323812	52.74 3.13 0.00	46.78 2.90 0.00	40.78 2.60 0.00	38.03 2.35 0.00	38.01 2.39 0.00	40.95 2.57 0.00	46.18 2.78 0.00	51.10 2.62 0.00	52.34 2.44 0.00	56.79 2.30 0.20	63.61 2.33 0.17	74.17 2.73 0.42	82.35 3.65 0.65	96.35 4.78 0.41	103.05 5.88 0.78	128.30 8.04 1.59	158.39 10.60 3.76	240.24 17.08 1.66	266.55 22.02 0.00	236.78 22.12 0.00	168.70 16.45 0.00	105.23 9.40 0.00	83.63 6.41 0.00	68.61 4.61 0.00
RENSSELAER___COGEN 23796	49.27 -0.34 0.00	43.89 0.00 0.00	38.41 0.23 0.00	36.07 0.39 0.00	36.01 0.39 0.00	38.49 0.12 0.00	43.40 0.00 0.00	48.15 -0.34 0.00	49.40 -0.50 0.00	53.83 -0.60 0.26	60.42 -0.80 0.22	70.52 -0.79 0.55	78.25 -0.24 0.85	91.72 0.28 0.53	98.17 1.27 1.05	121.61 1.94 2.19	149.11 2.73 5.17	226.36 3.82 2.28	248.69 4.15 0.00	217.89 3.22 0.00	154.83 2.59 0.00	96.99 1.15 0.00	77.30 0.08 0.00	63.48 -0.51 0.00
REPUBLIC_115KV_BARTNBRK 55605	53.43 3.82 0.00	47.40 3.51 0.00	41.39 3.21 0.00	38.57 2.89 0.00	38.54 2.92 0.00	41.49 3.11 0.00	46.87 3.47 0.00	52.17 3.69 0.00	53.64 3.74 0.00	58.22 3.83 0.29	64.69 3.50 0.25	75.33 4.10 0.62	83.54 5.16 0.96	98.09 6.71 0.60	105.13 7.64 0.47	130.91 11.09 2.03	161.75 15.00 4.80	246.53 23.83 2.12	275.10 30.57 0.00	244.29 29.62 0.00	174.63 22.38 0.00	108.20 12.36 0.00	85.88 8.65 0.00	70.33 6.34 0.00
REVERE_CPPR_DRP 24186	52.04 2.43 0.00	45.99 2.11 0.00	39.90 1.72 0.00	37.17 1.50 0.00	37.26 1.64 0.00	40.10 1.73 0.00	45.44 2.04 0.00	50.77 2.28 0.00	52.25 2.35 0.00	57.15 2.46 0.00	64.14 2.70 0.00	75.02 3.16 0.00	82.59 3.25 0.00	96.20 4.23 0.00	103.05 5.09 0.00	128.56 6.70 -0.01	160.33 8.79 0.01	238.53 13.71 0.00	252.05 15.89 8.38	228.84 14.17 0.00	162.46 10.20 -0.01	101.68 5.85 0.00	82.01 4.79 0.00	67.51 3.52 0.00
REYNLDPA_13_KV_LD 356490	49.66 0.05 0.00	43.84 -0.04 0.00	37.91 -0.27 0.00	35.46 -0.21 0.00	35.44 -0.18 0.00	38.38 0.00 0.00	43.66 0.26 0.00	48.97 0.48 0.00	50.35 0.45 0.00	55.12 0.44 0.00	61.93 0.49 0.00	72.29 0.43 0.00	78.79 -0.56 0.00	90.69 -1.29 0.00	93.84 -4.11 0.00	117.06 -5.24 -0.45	146.23 -6.36 -1.05	217.85 -6.97 0.00	248.75 -9.29 -13.51	209.02 -7.94 -2.29	147.83 -5.48 -1.06	93.06 -2.78 0.00	76.76 -0.46 0.00	64.31 0.32 0.00
REYNOLDS_115KV_TB3 80639	49.71 0.10 0.00	44.32 0.44 0.00	38.83 0.65 0.00	36.46 0.78 0.00	36.37 0.75 0.00	38.91 0.54 0.00	43.79 0.39 0.00	48.63 0.15 0.00	49.95 0.05 0.00	54.26 -0.11 0.31	60.99 -0.18 0.27	71.12 -0.07 0.66	78.95 0.63 1.03	92.62 1.29 0.64	100.00 2.55 0.50	123.00 3.41 2.26	151.04 4.85 5.35	229.20 6.74 2.36	251.87 7.34 0.00	220.68 6.01 0.00	156.82 4.57 0.00	98.14 2.30 0.00	78.15 0.93 0.00	64.25 0.26 0.00
RIVERBAY____ 323610	53.04 3.42 -0.01	47.48 3.60 0.00	41.50 3.32 0.00	38.71 3.03 0.00	38.58 2.96 0.00	41.52 3.15 0.00	46.70 3.30 0.00	51.74 3.25 0.00	53.09 3.19 0.00	58.63 3.61 -0.33	65.22 3.50 -0.28	76.94 4.38 -0.70	86.93 6.51 -1.09	101.12 8.46 -0.68	109.87 11.36 -0.55	178.93 14.38 -42.70	270.60 18.19 -100.87	295.60 26.30 -44.47	273.15 28.61 -0.01	238.50 23.83 -0.01	167.79 15.53 -0.01	104.28 8.43 -0.01	82.25 5.02 -0.01	66.82 2.82 -0.01
RIVERSDE_115KV_TB3 55908	49.56 -0.05 0.00	44.19 0.31 0.00	38.68 0.50 0.00	36.32 0.64 0.00	36.23 0.61 0.00	38.80 0.42 0.00	43.66 0.26 0.00	48.49 0.00 0.00	49.80 -0.10 0.00	54.18 -0.22 0.29	60.89 -0.31 0.24	71.03 -0.22 0.61	78.87 0.48 0.94	92.40 1.01 0.59	99.75 2.25 0.46	122.80 3.17 2.22	150.70 4.39 5.24	228.58 6.07 2.31	251.14 6.60 0.00	220.03 5.37 0.00	156.51 4.26 0.00	97.85 2.01 0.00	78.00 0.77 0.00	64.06 0.06 0.00
ROARING___BROOK_WT_PWR 323790	49.27 -0.34 0.00	43.58 -0.31 0.00	37.92 -0.27 0.00	35.46 -0.21 0.00	35.44 -0.18 0.00	38.26 -0.11 0.00	43.36 -0.04 0.00	48.54 0.05 0.00	49.90 0.00 0.00	54.69 0.00 0.00	61.44 0.00 0.00	71.64 -0.21 0.00	78.87 -0.47 0.00	91.24 -0.74 0.00	96.79 -1.17 0.00	120.26 -1.59 0.00	149.57 -1.97 0.00	222.57 -2.25 0.00	244.11 -2.92 -2.50	212.10 -2.57 0.00	150.26 -1.98 0.00	94.40 -1.43 0.00	76.30 -0.92 0.00	63.35 -0.64 0.00

ROCHESRG_115KV_T4 355643	51.65 2.03 0.00	45.07 1.18 0.00	39.25 1.07 0.00	36.35 0.68 0.00	36.37 0.75 0.00	38.72 0.35 0.00	43.31 -0.09 0.00	48.63 0.15 0.00	50.55 0.65 0.00	55.94 1.26 0.00	63.16 1.72 0.00	73.58 1.72 0.00	81.40 2.06 0.00	94.09 2.12 0.00	102.07 4.11 0.00	125.99 4.14 0.00	155.33 3.79 0.00	227.07 2.25 0.00	248.20 3.67 0.00	219.17 4.51 0.00	155.75 3.50 0.00	98.62 2.78 0.00	79.00 1.78 0.00	65.85 1.86 0.00
ROCHESTER_9_IC 23652	52.09 2.48 0.00	45.42 1.54 0.00	39.52 1.34 0.00	36.60 0.93 0.00	36.58 0.96 0.00	38.95 0.58 0.00	43.62 0.22 0.00	49.02 0.53 0.00	50.95 1.05 0.00	56.44 1.75 0.00	63.71 2.27 0.00	74.30 2.44 0.00	82.12 2.78 0.00	95.01 3.04 0.00	103.05 5.09 0.00	127.21 5.36 0.00	156.85 5.30 0.00	229.32 4.50 0.00	250.89 6.36 0.00	221.53 6.87 0.00	157.42 5.18 0.00	99.57 3.74 0.00	79.78 2.55 0.00	66.43 2.43 0.00
ROCKVIEW_13_KV_LD 356306	51.75 2.13 0.00	46.39 2.50 0.00	40.55 2.37 0.00	37.92 2.25 0.00	37.76 2.14 0.00	40.56 2.19 0.00	45.61 2.21 0.00	50.77 2.28 0.00	52.25 2.35 0.00	57.64 2.62 -0.33	64.67 2.95 -0.28	76.22 3.66 -0.70	86.06 5.63 -1.09	100.20 7.54 -0.68	108.78 10.29 -0.53	177.58 13.16 -42.57	268.94 16.82 -100.57	292.99 23.83 -44.34	269.97 25.43 0.00	235.92 21.25 0.00	166.26 14.01 0.00	103.22 7.38 0.00	81.32 4.09 0.00	66.04 2.05 0.00
ROME____115KV_TB2 80656	52.04 2.43 0.00	45.99 2.11 0.00	39.90 1.72 0.00	37.17 1.50 0.00	37.26 1.64 0.00	40.10 1.73 0.00	45.44 2.04 0.00	50.77 2.28 0.00	52.25 2.35 0.00	57.15 2.46 0.00	64.14 2.70 0.00	75.02 3.16 0.00	82.59 3.25 0.00	96.20 4.23 0.00	103.05 5.09 0.00	128.56 6.70 -0.01	160.33 8.79 0.01	238.53 13.71 0.00	252.05 15.89 8.38	228.84 14.17 0.00	162.46 10.20 -0.01	101.68 5.85 0.00	82.01 4.79 0.00	67.51 3.52 0.00
ROSETON___1 23587	50.70 1.09 0.00	45.38 1.49 0.00	39.71 1.53 0.00	37.10 1.43 0.00	37.01 1.39 0.00	39.72 1.34 0.00	44.70 1.30 0.00	49.60 1.12 0.00	51.00 1.10 0.00	56.25 1.26 -0.31	63.05 1.35 -0.26	74.30 1.80 -0.65	83.60 3.25 -1.01	97.29 4.69 -0.63	104.50 6.56 0.03	128.45 8.40 1.80	158.06 10.76 4.25	238.24 15.30 1.87	260.67 16.14 0.00	228.20 13.53 0.00	161.23 8.98 0.00	100.53 4.69 0.00	79.62 2.40 0.00	64.82 0.83 0.00
ROSETON___2 23588	50.70 1.09 0.00	45.38 1.49 0.00	39.71 1.53 0.00	37.10 1.43 0.00	37.01 1.39 0.00	39.72 1.34 0.00	44.70 1.30 0.00	49.60 1.12 0.00	51.00 1.10 0.00	56.25 1.26 -0.31	63.05 1.35 -0.26	74.30 1.80 -0.65	83.60 3.25 -1.01	97.29 4.69 -0.63	104.50 6.56 0.03	128.45 8.40 1.80	158.06 10.76 4.25	238.24 15.30 1.87	260.67 16.14 0.00	228.20 13.53 0.00	161.23 8.98 0.00	100.53 4.69 0.00	79.62 2.40 0.00	64.82 0.83 0.00
ROTTRDAM_115KV_TB3 80664	50.51 0.89 0.00	44.90 1.01 0.00	39.21 1.03 0.00	36.64 0.96 0.00	36.58 0.96 0.00	39.30 0.92 0.00	44.31 0.91 0.00	49.26 0.78 0.00	50.65 0.75 0.00	55.12 0.66 0.22	61.93 0.68 0.19	72.24 0.86 0.47	80.12 1.51 0.73	93.72 2.21 0.46	100.83 3.23 0.36	124.21 4.26 1.91	152.65 5.61 4.51	230.93 8.09 1.99	254.32 9.78 0.00	223.47 8.80 0.00	158.80 6.55 0.00	99.48 3.64 0.00	79.39 2.16 0.00	65.27 1.28 0.00
RUSSELL___1 23602	52.44 2.83 0.00	45.73 1.84 0.00	39.75 1.57 0.00	36.82 1.14 0.00	36.80 1.18 0.00	39.18 0.81 0.00	43.83 0.43 0.00	49.36 0.87 0.00	51.30 1.40 0.00	56.87 2.19 0.00	64.21 2.76 0.00	74.94 3.09 0.00	82.75 3.41 0.00	95.75 3.77 0.00	103.93 5.98 0.00	128.31 6.46 0.00	158.21 6.67 0.00	231.56 6.74 0.00	253.34 8.80 0.00	223.47 8.80 0.00	158.80 6.55 0.00	100.34 4.50 0.00	80.39 3.17 0.00	66.94 2.94 0.00
RUSSELL___2 23532	52.44 2.83 0.00	45.73 1.84 0.00	39.75 1.57 0.00	36.82 1.14 0.00	36.80 1.18 0.00	39.18 0.81 0.00	43.83 0.43 0.00	49.36 0.87 0.00	51.30 1.40 0.00	56.87 2.19 0.00	64.21 2.76 0.00	74.94 3.09 0.00	82.75 3.41 0.00	95.75 3.77 0.00	103.93 5.98 0.00	128.31 6.46 0.00	158.21 6.67 0.00	231.56 6.74 0.00	253.34 8.80 0.00	223.47 8.80 0.00	158.80 6.55 0.00	100.34 4.50 0.00	80.39 3.17 0.00	66.94 2.94 0.00
RUSSELL___3 23549	52.44 2.83 0.00	45.73 1.84 0.00	39.75 1.57 0.00	36.82 1.14 0.00	36.80 1.18 0.00	39.18 0.81 0.00	43.83 0.43 0.00	49.36 0.87 0.00	51.30 1.40 0.00	56.87 2.19 0.00	64.21 2.76 0.00	74.94 3.09 0.00	82.75 3.41 0.00	95.75 3.77 0.00	103.93 5.98 0.00	128.31 6.46 0.00	158.21 6.67 0.00	231.56 6.74 0.00	253.34 8.80 0.00	223.47 8.80 0.00	158.80 6.55 0.00	100.34 4.50 0.00	80.39 3.17 0.00	66.94 2.94 0.00
RUSSELL___4 23556	52.44 2.83 0.00	45.73 1.84 0.00	39.75 1.57 0.00	36.82 1.14 0.00	36.80 1.18 0.00	39.18 0.81 0.00	43.83 0.43 0.00	49.36 0.87 0.00	51.30 1.40 0.00	56.87 2.19 0.00	64.21 2.76 0.00	74.94 3.09 0.00	82.75 3.41 0.00	95.75 3.77 0.00	103.93 5.98 0.00	128.31 6.46 0.00	158.21 6.67 0.00	231.56 6.74 0.00	253.34 8.80 0.00	223.47 8.80 0.00	158.80 6.55 0.00	100.34 4.50 0.00	80.39 3.17 0.00	66.94 2.94 0.00
RUSSELL___STATION 23914	52.44 2.83 0.00	45.73 1.84 0.00	39.75 1.57 0.00	36.82 1.14 0.00	36.80 1.18 0.00	39.18 0.81 0.00	43.83 0.43 0.00	49.36 0.87 0.00	51.30 1.40 0.00	56.87 2.19 0.00	64.21 2.76 0.00	74.94 3.09 0.00	82.75 3.41 0.00	95.75 3.77 0.00	103.93 5.98 0.00	128.31 6.46 0.00	158.21 6.67 0.00	231.56 6.74 0.00	253.34 8.80 0.00	223.47 8.80 0.00	158.80 6.55 0.00	100.34 4.50 0.00	80.39 3.17 0.00	66.94 2.94 0.00
S SALMON___HYD 24043	50.51 0.89 0.00	44.55 0.66 0.00	38.68 0.50 0.00	36.07 0.39 0.00	36.05 0.43 0.00	38.80 0.42 0.00	43.83 0.43 0.00	49.02 0.53 0.00	50.35 0.45 0.00	55.07 0.39 0.00	61.87 0.43 0.00	72.29 0.43 0.00	79.97 0.63 0.00	92.99 1.01 0.00	99.04 1.08 0.00	123.08 1.22 -0.01	152.90 1.36 0.01	227.07 2.25 0.00	238.69 3.90 9.75	218.99 4.29 -0.04	155.62 3.35 -0.03	97.65 1.82 0.00	78.92 1.70 0.00	65.15 1.15 0.00
S.PERRY__115KV_TB1 80734	52.74 3.13 0.00	45.90 2.02 0.00	39.86 1.68 0.00	36.89 1.21 0.00	36.90 1.28 0.00	39.34 0.96 0.00	44.09 0.69 0.00	49.12 0.63 0.00	50.45 0.55 0.00	55.62 0.93 0.00	62.48 1.04 0.00	72.65 0.79 0.00	80.61 1.27 0.00	90.41 -1.56 0.00	98.64 0.69 0.00	122.09 0.24 0.00	150.94 -0.61 0.00	220.77 -4.05 0.00	243.80 -0.73 0.00	217.89 3.22 0.00	155.45 3.20 0.00	98.71 2.88 0.00	81.17 3.94 0.00	67.45 3.46 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	52.59 2.98 0.00	45.60 1.71 0.00	39.82 1.64 0.00	36.75 1.07 0.00	36.76 1.14 0.00	38.88 0.50 0.00	43.14 -0.26 0.00	48.15 -0.34 0.00	50.40 0.50 0.00	56.00 1.31 0.00	63.41 1.97 0.00	73.36 1.51 0.00	81.48 2.14 0.00	93.72 1.75 0.00	102.56 4.60 0.00	125.99 4.14 0.00	153.97 2.42 0.00	222.35 -2.47 0.00	243.07 -1.47 0.00	216.17 1.50 0.00	153.16 0.91 0.00	97.85 2.01 0.00	78.54 1.31 0.00	66.11 2.11 0.00

SAWYER___23_KV_LOAD 55526	52.59 2.98 0.00	45.60 1.71 0.00	39.82 1.64 0.00	36.75 1.07 0.00	36.76 1.14 0.00	38.88 0.50 0.00	43.14 -0.26 0.00	48.15 -0.34 0.00	50.40 0.50 0.00	56.00 1.31 0.00	63.41 1.97 0.00	73.36 1.51 0.00	81.48 2.14 0.00	93.72 1.75 0.00	102.56 4.60 0.00	125.99 4.14 0.00	153.97 2.42 0.00	222.35 -2.47 0.00	243.07 -1.47 0.00	216.17 1.50 0.00	153.16 0.91 0.00	97.85 2.01 0.00	78.54 1.31 0.00	66.11 2.11 0.00
SELKIRK___I 23801	48.87 -0.74 0.00	43.49 -0.40 0.00	38.03 -0.15 0.00	35.64 -0.04 0.00	35.58 -0.04 0.00	38.11 -0.27 0.00	42.97 -0.43 0.00	47.62 -0.87 0.00	48.75 -1.15 0.00	53.16 -1.37 0.16	59.58 -1.72 0.14	69.47 -1.94 0.45	75.04 -1.51 2.79	84.40 -1.29 6.29	94.07 -0.58 3.30	110.66 -0.36 10.83	130.37 -0.15 21.02	184.92 -0.22 39.67	208.04 0.49 36.99	215.08 0.43 0.02	153.15 0.92 0.02	93.96 0.19 2.06	76.61 -0.62 0.00	62.97 -1.03 0.00
SELKIRK___II 23799	49.17 -0.45 0.00	43.75 -0.13 0.00	38.30 0.11 0.00	35.89 0.22 0.00	35.84 0.22 0.00	38.38 0.00 0.00	43.27 -0.13 0.00	48.05 -0.44 0.00	49.30 -0.60 0.00	53.78 -0.71 0.19	60.42 -0.86 0.16	70.11 -0.94 0.81	70.11 -0.39 8.84	70.11 0.09 21.96	89.04 0.98 9.90	89.04 1.47 34.28	89.04 1.96 64.47	89.04 2.71 138.49	113.57 2.95 133.91	216.75 2.15 0.06	154.02 1.83 0.06	89.04 0.68 7.47	77.00 -0.23 0.00	63.29 -0.70 0.00
SENECA OSWGO___HYD 24041	49.51 -0.10 0.00	43.71 -0.17 0.00	37.99 -0.19 0.00	35.46 -0.21 0.00	35.37 -0.25 0.00	37.99 -0.38 0.00	42.92 -0.48 0.00	47.95 -0.53 0.00	49.40 -0.50 0.00	54.19 -0.49 0.00	61.01 -0.43 0.00	71.28 -0.58 0.00	79.03 -0.32 0.00	91.88 -0.09 0.00	98.65 0.69 0.00	122.59 0.74 0.00	152.30 0.76 0.00	225.04 0.23 0.00	242.45 1.23 3.31	216.23 1.51 -0.05	153.49 1.21 -0.03	96.32 0.48 0.00	77.15 -0.08 0.00	63.74 -0.25 0.00
SENECA___115KV_TB3 355854	53.09 3.47 0.00	46.08 2.19 0.00	40.21 2.02 0.00	37.10 1.43 0.00	37.12 1.50 0.00	39.26 0.88 0.00	43.66 0.26 0.00	48.73 0.24 0.00	51.00 1.10 0.00	56.66 1.97 0.00	64.21 2.76 0.00	74.30 2.44 0.00	82.67 3.33 0.00	95.01 3.04 0.00	104.13 6.17 0.00	128.06 6.21 0.00	156.70 5.15 0.00	226.17 1.35 0.00	247.47 2.93 0.00	220.03 5.37 0.00	155.60 3.35 0.00	99.19 3.35 0.00	79.54 2.32 0.00	66.87 2.88 0.00
SENECA___ENERGY 23797	51.00 1.39 0.00	44.85 0.96 0.00	38.95 0.76 0.00	36.28 0.61 0.00	36.19 0.57 0.00	38.84 0.46 0.00	43.79 0.39 0.00	48.92 0.44 0.00	50.60 0.70 0.00	55.56 0.87 0.00	62.73 1.29 0.00	73.29 1.44 0.00	81.24 1.90 0.00	94.36 2.39 0.00	101.39 3.43 0.00	126.00 4.15 0.00	156.08 4.54 0.00	229.76 4.94 0.00	249.56 6.84 1.82	221.70 7.07 0.04	157.25 5.02 0.02	98.81 2.97 0.00	79.23 2.00 0.00	65.72 1.73 0.00
SHOEMAKER___GT 23640	50.80 1.19 0.00	45.33 1.45 0.00	39.63 1.45 0.00	37.03 1.36 0.00	36.94 1.32 0.00	39.68 1.31 0.00	44.66 1.26 0.00	49.60 1.12 0.00	50.95 1.05 0.00	56.16 1.20 -0.28	63.03 1.35 -0.23	74.24 1.80 -0.59	83.42 3.18 -0.90	97.05 4.51 -0.57	109.41 6.36 -5.09	145.98 8.16 -15.96	199.86 10.60 -37.72	256.51 15.06 -16.63	260.92 16.39 0.00	228.61 13.95 0.00	161.54 9.29 0.00	100.82 4.98 0.00	79.85 2.63 0.00	65.15 1.15 0.00
SHOEMAKR_138KV_BK 111 55601	50.80 1.19 0.00	45.33 1.45 0.00	39.63 1.45 0.00	37.03 1.36 0.00	36.94 1.32 0.00	39.68 1.30 0.00	44.66 1.26 0.00	49.65 1.16 0.00	51.05 1.15 0.00	56.16 1.20 -0.27	63.02 1.35 -0.23	74.23 1.80 -0.58	83.41 3.17 -0.89	96.95 4.41 -0.56	104.86 6.47 -0.44	145.21 8.16 -15.19	198.04 10.61 -35.89	255.70 15.06 -15.82	260.92 16.38 0.00	228.62 13.95 0.00	161.38 9.13 0.00	100.72 4.89 0.00	79.78 2.55 0.00	65.08 1.09 0.00
SHOREHAM_IC_1 23715	49.95 0.35 0.02	46.30 2.41 0.00	40.85 2.67 0.00	37.99 2.32 0.00	37.79 2.17 0.00	40.56 2.19 0.00	44.96 1.56 0.00	48.29 -0.19 0.00	50.00 0.50 0.40	50.80 0.71 4.59	62.72 1.16 -0.11	74.12 2.09 -0.18	86.46 6.03 -1.09	104.21 8.92 -3.32	130.62 11.46 -21.20	245.20 14.49 -108.85	262.82 16.82 -94.46	288.59 24.29 -39.48	263.65 26.18 7.07	255.60 23.61 -17.32	208.71 16.13 -40.33	103.89 8.05 -0.01	80.59 4.56 1.19	65.34 1.66 0.32
SHOREHAM_IC_2 23716	49.94 0.35 0.02	46.48 2.59 0.00	40.85 2.67 0.00	38.03 2.35 0.00	37.79 2.17 0.00	40.64 2.26 0.00	44.96 1.56 0.00	49.26 0.78 0.00	50.14 0.65 0.40	50.81 0.71 4.59	62.72 1.17 -0.11	74.04 2.01 -0.18	86.22 5.79 -1.09	103.76 8.46 -3.32	118.12 11.46 -8.70	245.19 14.50 -108.84	262.81 16.82 -94.45	288.80 24.51 -39.48	263.63 26.17 7.07	255.80 23.83 -17.31	208.72 16.14 -40.33	103.80 7.95 -0.01	80.60 4.56 1.19	65.40 1.73 0.32
SISSONVILLE____ 23735	50.11 0.50 0.00	44.24 0.35 0.00	38.18 0.00 0.00	35.71 0.04 0.00	35.66 0.04 0.00	38.68 0.31 0.00	44.09 0.69 0.00	49.51 1.02 0.00	50.80 0.90 0.00	55.29 0.60 0.00	61.44 0.00 0.00	71.50 -0.36 0.00	77.83 -1.51 0.00	89.21 -2.76 0.00	90.42 -7.54 0.00	93.27 -9.50 19.08	97.06 -11.52 42.96	213.58 -11.24 0.00	129.94 -15.65 98.95	106.66 -13.09 94.91	98.87 -8.83 44.55	91.62 -4.22 0.00	77.38 0.15 0.00	65.15 1.15 0.00
SITHE_IND_GS1 24169	48.72 -0.89 0.00	43.01 -0.88 0.00	37.42 -0.76 0.00	34.93 -0.75 0.00	34.84 -0.78 0.00	37.46 -0.92 0.00	42.23 -1.17 0.00	47.18 -1.31 0.00	48.65 -1.25 0.00	53.37 -1.31 0.00	60.03 -1.41 0.00	70.13 -1.73 0.00	77.67 -1.67 0.00	90.22 -1.75 0.00	96.68 -1.28 0.00	120.14 -1.71 0.00	149.11 -2.43 0.00	220.54 -4.28 0.00	240.38 -4.16 0.00	211.45 -3.21 0.00	149.97 -2.28 0.00	94.30 -1.54 0.00	75.68 -1.54 0.00	62.65 -1.35 0.00
SITHE_IND_GS2 24170	48.72 -0.89 0.00	43.01 -0.88 0.00	37.42 -0.76 0.00	34.93 -0.75 0.00	34.84 -0.78 0.00	37.46 -0.92 0.00	42.23 -1.17 0.00	47.18 -1.31 0.00	48.65 -1.25 0.00	53.37 -1.31 0.00	60.03 -1.41 0.00	70.13 -1.73 0.00	77.67 -1.67 0.00	90.22 -1.75 0.00	96.68 -1.28 0.00	120.14 -1.71 0.00	149.11 -2.43 0.00	220.54 -4.28 0.00	240.38 -4.16 0.00	211.45 -3.21 0.00	149.97 -2.28 0.00	94.30 -1.54 0.00	75.68 -1.54 0.00	62.65 -1.35 0.00
SITHE_IND_GS3 24171	48.72 -0.89 0.00	43.01 -0.88 0.00	37.42 -0.76 0.00	34.93 -0.75 0.00	34.84 -0.78 0.00	37.46 -0.92 0.00	42.23 -1.17 0.00	47.18 -1.31 0.00	48.65 -1.25 0.00	53.37 -1.31 0.00	60.03 -1.41 0.00	70.13 -1.73 0.00	77.67 -1.67 0.00	90.22 -1.75 0.00	96.68 -1.28 0.00	120.14 -1.71 0.00	149.11 -2.43 0.00	220.54 -4.28 0.00	240.38 -4.16 0.00	211.45 -3.21 0.00	149.97 -2.28 0.00	94.30 -1.54 0.00	75.68 -1.54 0.00	62.65 -1.35 0.00
SITHE_IND_GS4 24172	48.72 -0.89 0.00	43.01 -0.88 0.00	37.42 -0.76 0.00	34.93 -0.75 0.00	34.84 -0.78 0.00	37.46 -0.92 0.00	42.23 -1.17 0.00	47.18 -1.31 0.00	48.65 -1.25 0.00	53.37 -1.31 0.00	60.03 -1.41 0.00	70.13 -1.73 0.00	77.67 -1.67 0.00	90.22 -1.75 0.00	96.68 -1.28 0.00	120.14 -1.71 0.00	149.11 -2.43 0.00	220.54 -4.28 0.00	240.38 -4.16 0.00	211.45 -3.21 0.00	149.97 -2.28 0.00	94.30 -1.54 0.00	75.68 -1.54 0.00	62.65 -1.35 0.00

SITHE___BATAVIA 24024	53.88 4.27 0.00	46.78 2.90 0.00	40.70 2.52 0.00	37.78 2.10 0.00	37.61 1.99 0.00	39.99 1.61 0.00	44.22 0.82 0.00	49.60 1.12 0.00	52.04 2.14 0.00	57.31 2.62 0.00	64.76 3.32 0.00	75.09 3.24 0.00	81.56 2.22 0.00	94.36 2.39 0.00	102.95 4.99 0.00	126.73 4.88 0.00	155.48 3.93 0.00	226.40 1.58 0.00	248.44 3.90 0.00	220.46 5.80 0.00	156.81 4.56 0.00	99.48 3.64 0.00	80.93 3.71 0.00	68.35 4.35 0.00
SITHE___INDEPEND 23800	48.72 -0.89 0.00	42.96 -0.92 0.00	37.42 -0.76 0.00	34.89 -0.78 0.00	34.84 -0.78 0.00	37.42 -0.96 0.00	42.23 -1.17 0.00	47.18 -1.31 0.00	48.65 -1.25 0.00	53.37 -1.31 0.00	60.03 -1.41 0.00	70.13 -1.72 0.00	77.67 -1.67 0.00	90.13 -1.84 0.00	96.69 -1.27 0.00	120.14 -1.71 0.00	149.12 -2.42 0.00	220.55 -4.27 0.00	240.38 -4.16 0.00	211.45 -3.22 0.00	149.96 -2.28 0.00	94.30 -1.53 0.00	75.68 -1.54 0.00	62.59 -1.41 0.00
SITHE___MASSENA 23902	49.91 0.30 0.00	44.02 0.13 0.00	38.07 -0.11 0.00	35.57 -0.11 0.00	35.55 -0.07 0.00	38.53 0.15 0.00	43.88 0.48 0.00	49.31 0.82 0.00	50.60 0.70 0.00	55.34 0.66 0.00	62.05 0.61 0.00	72.29 0.43 0.00	78.87 -0.47 0.00	90.04 -1.94 0.00	92.67 -5.29 0.00	92.37 -6.70 22.78	91.99 -8.19 51.37	216.94 -7.88 0.00	87.93 -11.73 144.88	91.16 -10.09 113.42	92.19 -6.85 53.21	92.39 -3.45 0.00	77.15 -0.08 0.00	64.77 0.77 0.00
SITHE___OGDNSBRG 24021	50.85 1.24 0.00	44.81 0.92 0.00	38.68 0.50 0.00	36.14 0.46 0.00	36.15 0.53 0.00	39.26 0.88 0.00	44.70 1.30 0.00	50.09 1.60 0.00	51.25 1.35 0.00	55.83 1.15 0.00	62.36 0.92 0.00	72.50 0.65 0.00	78.87 -0.48 0.00	90.50 -1.47 0.00	91.89 -6.07 0.00	93.66 -7.68 20.52	96.37 -8.94 46.23	217.85 -6.97 0.00	117.48 -10.27 116.79	105.06 -7.51 102.10	99.77 -4.57 47.91	94.11 -1.73 0.00	78.85 1.62 0.00	66.23 2.24 0.00
SITHE___STERLING 23777	51.50 1.88 0.00	45.51 1.62 0.00	39.52 1.34 0.00	36.85 1.18 0.00	36.87 1.25 0.00	39.68 1.31 0.00	44.88 1.48 0.00	50.08 1.60 0.00	51.60 1.70 0.00	56.49 1.80 0.00	63.47 2.02 0.00	74.22 2.37 0.00	81.56 2.22 0.00	95.00 3.03 0.00	101.98 4.02 0.00	127.09 5.24 0.00	158.20 6.66 0.00	234.95 10.13 5.59	250.92 11.98 -0.01	225.40 10.73 -0.01	160.02 7.76 -0.01	100.15 4.32 0.00	80.93 3.71 0.00	66.68 2.69 0.00
SLEIGHT__34_KV_TB1 80719	51.25 1.64 0.00	44.85 0.97 0.00	38.98 0.80 0.00	36.18 0.50 0.00	36.15 0.53 0.00	38.65 0.27 0.00	43.49 0.09 0.00	48.73 0.24 0.00	50.45 0.55 0.00	55.73 1.04 0.00	62.92 1.47 0.00	73.44 1.58 0.00	81.32 1.98 0.00	94.27 2.30 0.00	101.98 4.02 0.00	126.24 4.39 0.00	156.09 4.55 0.00	229.54 4.72 0.00	250.89 6.36 0.00	221.32 6.65 0.00	157.12 4.87 0.00	98.90 3.07 0.00	79.16 1.93 0.00	65.59 1.60 0.00
SMITHTWN_69_KV_BK 1 55830	50.54 0.94 0.02	47.05 3.16 0.00	41.35 3.17 0.00	38.49 2.82 0.00	38.22 2.60 0.00	41.10 2.72 0.00	45.57 2.17 0.00	49.89 1.41 0.00	50.70 1.20 0.40	51.38 1.26 4.57	63.13 1.72 0.03	74.02 2.59 0.42	86.31 6.11 -0.86	104.04 8.92 -3.14	135.06 11.95 -25.15	387.62 15.23 -250.54	262.83 18.79 -92.49	290.10 27.20 -38.08	265.50 29.10 8.13	302.94 24.69 -63.59	291.76 16.44 -123.07	104.00 8.15 -0.02	79.62 4.94 2.55	65.62 2.30 0.68
SOUTH CAIRO___GT 23612	50.90 1.29 0.00	45.11 1.23 0.00	39.44 1.26 0.00	36.96 1.28 0.00	36.87 1.25 0.00	39.53 1.15 0.00	44.57 1.17 0.00	49.41 0.92 0.00	50.40 0.50 0.00	55.34 0.77 0.11	61.96 0.61 0.09	72.41 0.93 0.38	77.84 1.75 3.25	86.83 2.67 7.81	98.74 4.11 3.33	115.07 5.97 12.75	136.17 8.94 24.32	190.47 15.06 49.41	215.80 18.34 47.07	230.53 15.89 0.02	164.41 12.18 0.02	100.11 6.90 2.63	80.86 3.63 0.00	66.17 2.18 0.00
SOUTH HAMPTN___IC 23720	50.98 1.39 0.02	47.27 3.38 0.00	41.69 3.51 0.00	38.74 3.07 0.00	38.50 2.88 0.00	41.33 2.96 0.00	45.83 2.43 0.00	49.36 0.87 0.00	51.24 1.75 0.40	52.28 2.19 4.60	64.58 3.01 -0.13	76.47 4.38 -0.23	89.32 8.88 -1.09	107.50 12.23 -3.29	132.82 15.18 -19.67	236.38 18.64 -95.88	268.27 22.28 -94.44	296.60 32.38 -39.40	271.94 34.49 7.08	257.48 29.83 -12.99	205.72 20.70 -32.77	106.57 10.73 -0.01	82.66 6.49 1.06	66.97 3.26 0.29
SOUTHDOWN_115KV_TB1 355954	54.43 4.81 0.00	47.27 3.38 0.00	41.20 3.02 0.00	38.07 2.39 0.00	38.08 2.46 0.00	40.45 2.07 0.00	45.83 2.43 0.00	51.20 2.72 0.00	53.64 3.74 0.00	59.55 4.87 0.00	67.71 6.27 0.00	78.54 6.68 0.00	87.67 8.33 0.00	100.62 8.65 0.00	110.60 12.64 0.00	136.11 14.26 0.00	166.70 15.15 0.00	236.73 11.92 0.00	258.96 14.43 0.00	230.12 15.46 0.00	162.30 10.05 0.00	102.83 7.00 0.00	82.25 5.02 0.00	68.79 4.80 0.00
SOUTHOLD_69_KV_BK 2 55809	52.13 2.53 0.02	48.41 4.52 0.00	42.61 4.43 0.00	39.60 3.92 0.00	39.29 3.67 0.00	42.25 3.88 0.00	46.70 3.30 0.00	51.40 2.91 0.00	52.64 3.14 0.40	53.86 3.77 4.60	66.67 5.10 -0.13	79.05 6.97 -0.23	92.25 11.82 -1.09	110.90 15.64 -3.29	124.46 19.30 -7.20	238.82 20.84 -96.14	271.43 25.46 -94.43	301.32 37.10 -39.41	276.82 39.37 7.09	260.79 33.06 -13.07	211.20 26.03 -32.92	109.64 13.80 -0.01	84.81 8.65 1.06	68.76 5.06 0.29
SOUTHOLD___IC 23719	52.13 2.53 0.02	48.23 4.35 0.00	42.61 4.43 0.00	39.57 3.89 0.00	39.29 3.67 0.00	42.18 3.80 0.00	46.70 3.30 0.00	50.43 1.94 0.00	52.54 3.04 0.40	53.86 3.77 4.60	66.61 5.04 -0.13	79.05 6.97 -0.23	92.41 11.98 -1.09	111.27 16.00 -3.29	136.96 19.30 -19.70	238.83 20.83 -96.15	271.43 25.45 -94.44	301.31 37.09 -39.41	276.83 39.38 7.08	260.58 32.84 -13.07	211.20 26.03 -32.92	109.65 13.80 -0.01	84.81 8.65 1.06	68.70 4.99 0.29
SOUTH_FORK_WT_PWR 323839	52.18 2.58 0.02	48.32 4.43 0.00	42.69 4.50 0.00	39.64 3.96 0.00	39.36 3.74 0.00	42.25 3.87 0.00	46.79 3.39 0.00	50.57 2.08 0.00	52.69 3.20 0.40	54.08 3.99 4.60	66.98 5.41 -0.13	79.49 7.40 -0.23	92.96 12.53 -1.09	111.81 16.55 -3.29	137.53 19.88 -19.69	240.63 22.78 -96.00	273.72 27.73 -94.44	304.46 40.24 -39.41	280.23 42.78 7.08	263.34 35.64 -13.03	211.43 26.34 -32.84	109.83 13.99 -0.01	84.89 8.72 1.06	68.83 5.12 0.29
SPIERFLS_115KV_TB 1 80737	51.10 1.49 0.00	45.38 1.49 0.00	39.75 1.57 0.00	37.10 1.43 0.00	37.05 1.42 0.00	39.83 1.46 0.00	44.88 1.48 0.00	49.94 1.45 0.00	51.40 1.50 0.00	55.77 1.37 0.29	62.06 0.86 0.24	72.33 1.08 0.60	80.23 1.82 0.94	93.96 2.58 0.59	101.03 3.53 0.46	125.19 5.36 2.02	154.35 7.58 4.77	234.41 11.69 2.10	260.92 16.38 0.00	230.12 15.46 0.00	164.28 12.03 0.00	102.26 6.42 0.00	81.32 4.09 0.00	66.68 2.69 0.00
ST LAWRENCE____ 23600	49.21 -0.40 0.00	43.45 -0.44 0.00	37.61 -0.57 0.00	35.18 -0.50 0.00	35.16 -0.46 0.00	38.07 -0.31 0.00	43.31 -0.09 0.00	48.63 0.15 0.00	49.95 0.05 0.00	54.69 0.00 0.00	61.38 -0.06 0.00	71.64 -0.21 0.00	78.23 -1.11 0.00	89.77 -2.21 0.00	93.65 -4.31 0.00	116.83 -5.24 -0.22	145.69 -6.51 -0.65	217.17 -7.64 0.00	246.34 -9.54 -11.35	207.71 -8.38 -1.42	147.12 -5.79 -0.66	92.68 -3.16 0.00	76.15 -1.08 0.00	63.74 -0.25 0.00

STATE_CA_115KV_115_LB 55624	49.66 0.05 0.00	44.24 0.35 0.00	38.72 0.53 0.00	36.35 0.68 0.00	36.26 0.64 0.00	38.84 0.46 0.00	43.75 0.35 0.00	48.58 0.10 0.00	49.95 0.05 0.00	54.36 -0.05 0.27	61.09 -0.12 0.23	71.29 0.00 0.57	79.10 0.63 0.88	92.71 1.29 0.55	99.98 2.45 0.43	123.11 3.41 2.15	151.16 4.70 5.09	229.10 6.52 2.24	251.87 7.34 0.00	220.68 6.01 0.00	156.82 4.57 0.00	98.14 2.30 0.00	78.15 0.93 0.00	64.25 0.26 0.00
STATE_ST_34_KV_LOAD 55959	50.85 1.24 0.00	44.76 0.88 0.00	38.91 0.73 0.00	36.21 0.54 0.00	36.19 0.57 0.00	38.84 0.46 0.00	43.88 0.48 0.00	49.02 0.53 0.00	50.50 0.60 0.00	55.51 0.82 0.00	62.55 1.11 0.00	73.15 1.29 0.00	81.09 1.75 0.00	94.27 2.30 0.00	101.39 3.43 0.00	126.12 4.26 0.00	156.54 5.00 0.00	231.11 6.29 1.89	250.96 8.31 0.00	222.82 8.16 0.00	158.04 5.79 0.00	99.19 3.35 0.00	79.39 2.16 0.00	65.47 1.47 0.00
STATION_5_MISC_HYD 23604	52.09 2.48 0.00	45.46 1.58 0.00	39.52 1.34 0.00	36.75 1.07 0.00	36.58 0.96 0.00	39.03 0.65 0.00	43.62 0.22 0.00	49.02 0.53 0.00	51.20 1.30 0.00	56.44 1.75 0.00	63.72 2.27 0.00	74.30 2.44 0.00	82.04 2.70 0.00	95.10 3.13 0.00	103.05 5.09 0.00	127.21 5.36 0.00	156.84 5.30 0.00	229.55 4.73 0.00	250.88 6.35 0.00	221.53 6.87 0.00	157.43 5.18 0.00	99.57 3.73 0.00	79.77 2.54 0.00	66.81 2.81 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	51.55 1.93 0.00	45.16 1.27 0.00	39.25 1.07 0.00	36.39 0.71 0.00	36.40 0.78 0.00	38.88 0.50 0.00	43.70 0.30 0.00	49.02 0.53 0.00	50.70 0.80 0.00	56.00 1.31 0.00	63.16 1.72 0.00	73.79 1.94 0.00	81.72 2.38 0.00	94.64 2.67 0.00	102.27 4.31 0.00	126.72 4.87 0.00	156.54 5.00 0.00	229.77 4.95 0.00	251.63 7.09 0.00	221.96 7.30 0.00	157.58 5.33 0.00	99.19 3.35 0.00	79.54 2.32 0.00	65.98 1.98 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	51.65 2.03 0.00	45.07 1.18 0.00	39.21 1.03 0.00	36.35 0.68 0.00	36.33 0.71 0.00	38.72 0.35 0.00	43.36 -0.04 0.00	48.97 0.48 0.00	50.85 0.95 0.00	56.33 1.64 0.00	63.59 2.15 0.00	74.15 2.30 0.00	82.04 2.70 0.00	94.92 2.94 0.00	102.95 5.00 0.00	127.21 5.36 0.00	156.85 5.30 0.00	229.54 4.72 0.00	250.89 6.36 0.00	221.53 6.87 0.00	157.27 5.02 0.00	99.38 3.55 0.00	79.62 2.39 0.00	66.23 2.24 0.00
STA_56___34_KV_BUS2 355983	51.65 2.03 0.00	45.07 1.18 0.00	39.21 1.03 0.00	36.35 0.68 0.00	36.33 0.71 0.00	38.72 0.35 0.00	43.36 -0.04 0.00	48.97 0.48 0.00	50.85 0.95 0.00	56.33 1.64 0.00	63.59 2.15 0.00	74.15 2.30 0.00	82.04 2.70 0.00	94.92 2.94 0.00	102.95 5.00 0.00	127.21 5.36 0.00	156.85 5.30 0.00	229.54 4.72 0.00	250.89 6.36 0.00	221.53 6.87 0.00	157.27 5.02 0.00	99.38 3.55 0.00	79.62 2.39 0.00	66.23 2.24 0.00
STA_67___115KV_BK2 355882	51.90 2.28 0.00	45.29 1.40 0.00	39.40 1.22 0.00	36.50 0.82 0.00	36.51 0.89 0.00	38.88 0.50 0.00	43.49 0.09 0.00	48.87 0.39 0.00	50.80 0.90 0.00	56.22 1.53 0.00	63.47 2.03 0.00	74.01 2.16 0.00	81.80 2.46 0.00	94.64 2.67 0.00	102.66 4.70 0.00	126.72 4.87 0.00	156.24 4.70 0.00	228.42 3.60 0.00	249.92 5.38 0.00	220.68 6.01 0.00	156.82 4.57 0.00	99.19 3.35 0.00	79.47 2.24 0.00	66.23 2.24 0.00
STA_7___115KV_9TRANS 80674	52.44 2.83 0.00	45.73 1.84 0.00	39.75 1.57 0.00	36.82 1.14 0.00	36.80 1.18 0.00	39.18 0.81 0.00	43.83 0.43 0.00	49.36 0.87 0.00	51.30 1.40 0.00	56.87 2.19 0.00	64.21 2.76 0.00	74.94 3.09 0.00	82.75 3.41 0.00	95.75 3.77 0.00	103.93 5.98 0.00	128.31 6.46 0.00	158.21 6.67 0.00	231.56 6.74 0.00	253.34 8.80 0.00	223.47 8.80 0.00	158.80 6.55 0.00	100.34 4.50 0.00	80.39 3.17 0.00	66.94 2.94 0.00
STA_82___115KV_TB1 80780	51.90 2.28 0.00	45.29 1.40 0.00	39.44 1.26 0.00	36.50 0.82 0.00	36.51 0.89 0.00	38.88 0.50 0.00	43.49 0.09 0.00	48.92 0.44 0.00	50.80 0.90 0.00	56.27 1.59 0.00	63.53 2.09 0.00	74.01 2.16 0.00	81.88 2.54 0.00	94.64 2.67 0.00	102.76 4.80 0.00	126.85 5.00 0.00	156.39 4.85 0.00	228.64 3.82 0.00	249.92 5.38 0.00	220.89 6.23 0.00	156.82 4.57 0.00	99.19 3.35 0.00	79.54 2.32 0.00	66.23 2.24 0.00
STEEL___WIND 323596	53.03 3.42 0.00	46.08 2.19 0.00	40.17 1.98 0.00	37.28 1.61 0.00	37.08 1.46 0.00	39.37 1.00 0.00	43.62 0.22 0.00	48.63 0.15 0.00	51.35 1.45 0.00	56.55 1.86 0.00	64.14 2.70 0.00	74.22 2.37 0.00	82.36 3.01 0.00	94.92 2.94 0.00	103.93 5.98 0.00	127.82 5.97 0.00	156.39 4.85 0.00	225.95 1.13 0.00	246.98 2.45 0.00	219.38 4.72 0.00	155.29 3.04 0.00	99.10 3.26 0.00	79.39 2.16 0.00	67.32 3.33 0.00
STEPHTWN_115KV_BK_2 55603	49.86 0.25 0.00	44.37 0.48 0.00	38.79 0.61 0.00	36.43 0.75 0.00	36.33 0.71 0.00	38.91 0.54 0.00	43.88 0.48 0.00	48.73 0.24 0.00	50.05 0.15 0.00	54.48 0.05 0.26	61.22 0.00 0.22	71.45 0.14 0.55	79.28 0.79 0.85	92.91 1.47 0.53	100.09 2.55 0.42	123.44 3.78 2.19	151.53 5.15 5.17	229.96 7.42 2.28	252.85 8.31 0.00	221.75 7.08 0.00	157.58 5.33 0.00	98.52 2.68 0.00	78.46 1.24 0.00	64.51 0.51 0.00
STEUBEN_REC_LFGE 323667	53.38 3.77 0.00	46.56 2.68 0.00	40.47 2.29 0.00	37.50 1.82 0.00	37.54 1.92 0.00	40.03 1.65 0.00	45.01 1.61 0.00	49.99 1.50 0.00	51.65 1.75 0.00	57.04 2.35 0.00	64.57 3.13 0.00	75.09 3.23 0.00	83.55 4.21 0.00	96.30 4.32 0.00	104.62 6.66 0.00	129.53 7.68 0.00	159.73 8.18 0.00	232.91 8.09 0.00	255.78 11.25 0.00	227.97 13.31 0.00	161.54 9.29 0.00	102.07 6.23 0.00	81.86 4.63 0.00	68.15 4.16 0.00
STILLWATER___SOLAR 323814	51.30 1.69 0.00	45.60 1.71 0.00	39.86 1.68 0.00	37.28 1.61 0.00	37.19 1.57 0.00	39.95 1.57 0.00	45.05 1.65 0.00	49.99 1.50 0.00	51.35 1.45 0.00	55.74 1.37 0.32	62.40 1.23 0.27	72.70 1.51 0.67	80.68 2.38 1.04	94.73 3.41 0.65	101.26 4.41 1.11	125.99 6.21 2.07	155.12 8.48 4.90	235.47 12.81 2.16	259.95 15.42 0.00	229.05 14.38 0.00	163.06 10.81 0.00	101.88 6.04 0.00	81.09 3.86 0.00	66.49 2.49 0.00
STONY___BROOK 24151	50.49 0.89 0.02	46.83 2.94 0.00	41.31 3.13 0.00	38.42 2.75 0.00	38.19 2.57 0.00	40.99 2.61 0.00	45.53 2.13 0.00	48.87 0.39 0.00	50.55 1.05 0.40	51.26 1.15 4.58	63.03 1.54 -0.05	74.15 2.37 0.08	86.46 6.03 -1.09	104.19 8.83 -3.39	137.75 11.36 -28.43	306.58 14.62 -170.12	263.91 17.87 -94.50	290.07 25.62 -39.63	264.89 27.38 7.02	275.83 23.40 -37.76	243.99 15.68 -76.06	103.71 7.86 -0.01	80.16 4.71 1.78	65.70 2.18 0.47
STURGEON_POOL_HYD 23609	51.05 1.44 0.00	45.60 1.71 0.00	39.90 1.72 0.00	37.28 1.61 0.00	37.15 1.53 0.00	39.91 1.54 0.00	44.92 1.52 0.00	49.94 1.45 0.00	51.35 1.45 0.00	56.71 1.86 -0.17	63.67 2.09 -0.14	74.91 2.73 -0.32	83.62 4.36 0.09	96.63 5.98 1.32	105.96 8.42 0.43	129.96 10.60 2.49	160.73 13.79 4.60	234.28 20.01 10.55	255.69 21.52 10.36	232.26 17.60 0.00	163.97 11.72 0.00	101.68 6.42 0.58	80.47 3.24 0.00	65.47 1.47 0.00

ST_LAW_115_BK7_LBMP 345037	49.21 -0.40 0.00	43.40 -0.48 0.00	37.57 -0.61 0.00	35.14 -0.53 0.00	35.12 -0.50 0.00	38.07 -0.31 0.00	43.31 -0.09 0.00	48.63 0.15 0.00	49.95 0.05 0.00	54.69 0.00 0.00	61.38 -0.06 0.00	71.64 -0.21 0.00	78.15 -1.19 0.00	89.58 -2.39 0.00	93.26 -4.70 0.00	116.46 -5.85 -0.45	145.32 -7.27 -1.05	216.51 -8.31 0.00	247.29 -10.75 -13.51	207.74 -9.22 -2.29	146.92 -6.39 -1.06	92.39 -3.45 0.00	76.07 -1.16 0.00	63.80 -0.19 0.00
ST_LAW_115_BK8_LBMP 345038	49.21 -0.40 0.00	43.40 -0.48 0.00	37.57 -0.61 0.00	35.14 -0.53 0.00	35.12 -0.50 0.00	38.07 -0.31 0.00	43.31 -0.09 0.00	48.63 0.15 0.00	49.95 0.05 0.00	54.69 0.00 0.00	61.38 -0.06 0.00	71.64 -0.21 0.00	78.15 -1.19 0.00	89.58 -2.39 0.00	93.26 -4.70 0.00	116.46 -5.85 -0.45	145.32 -7.27 -1.05	216.51 -8.31 0.00	247.29 -10.75 -13.51	207.74 -9.22 -2.29	146.92 -6.39 -1.06	92.39 -3.45 0.00	76.07 -1.16 0.00	63.80 -0.19 0.00
ST_LAW_230_BK5_LBMP 345035	49.21 -0.40 0.00	43.45 -0.44 0.00	37.61 -0.57 0.00	35.18 -0.50 0.00	35.16 -0.46 0.00	38.07 -0.31 0.00	43.31 -0.09 0.00	48.63 0.15 0.00	49.95 0.05 0.00	54.69 0.00 0.00	61.38 -0.06 0.00	71.64 -0.21 0.00	78.23 -1.11 0.00	89.77 -2.21 0.00	93.65 -4.31 0.00	116.61 -5.24 0.01	145.04 -6.51 -0.01	217.17 -7.64 0.00	242.81 -9.54 -7.81	206.29 -8.38 0.00	146.45 -5.79 0.01	92.68 -3.16 0.00	76.15 -1.08 0.00	63.74 -0.25 0.00
ST_LAW_230_BK6_LBMP 345036	49.21 -0.40 0.00	43.45 -0.44 0.00	37.61 -0.57 0.00	35.18 -0.50 0.00	35.16 -0.46 0.00	38.07 -0.31 0.00	43.31 -0.09 0.00	48.63 0.15 0.00	49.95 0.05 0.00	54.69 0.00 0.00	61.38 -0.06 0.00	71.64 -0.21 0.00	78.23 -1.11 0.00	89.77 -2.21 0.00	93.65 -4.31 0.00	116.61 -5.24 0.01	145.04 -6.51 -0.01	217.17 -7.64 0.00	242.81 -9.54 -7.81	206.29 -8.38 0.00	146.45 -5.79 0.01	92.68 -3.16 0.00	76.15 -1.08 0.00	63.74 -0.25 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	50.95 1.34 0.00	45.55 1.67 0.00	39.82 1.64 0.00	37.25 1.57 0.00	37.12 1.50 0.00	39.87 1.50 0.00	44.83 1.43 0.00	49.84 1.36 0.00	51.25 1.35 0.00	56.45 1.48 -0.29	63.34 1.66 -0.24	74.69 2.23 -0.61	84.01 3.73 -0.94	97.71 5.15 -0.59	105.87 7.44 -0.46	149.90 9.50 -18.55	207.63 12.28 -43.81	261.67 17.54 -19.31	263.36 18.83 0.00	230.34 15.67 0.00	162.45 10.20 0.00	101.20 5.37 0.00	80.01 2.78 0.00	65.21 1.22 0.00
SWANROAD_115KV_TB1 355699	52.34 2.73 0.00	45.38 1.49 0.00	39.67 1.49 0.00	36.60 0.93 0.00	36.65 1.03 0.00	38.68 0.31 0.00	42.45 -0.95 0.00	47.18 -1.31 0.00	49.35 -0.55 0.00	54.85 0.16 0.00	62.05 0.61 0.00	71.64 -0.22 0.00	79.42 0.08 0.00	91.33 -1.97 0.00	99.92 1.96 0.00	122.58 0.73 0.00	149.57 -1.97 0.00	216.05 -8.77 0.00	236.22 -8.31 0.00	210.16 -4.51 0.00	149.05 -3.20 0.00	95.45 -0.38 0.00	76.76 -0.46 0.00	64.76 0.77 0.00
SYNERGY___BIOGAS 323694	53.88 4.27 0.00	46.74 2.85 0.00	40.70 2.52 0.00	37.57 1.89 0.00	37.62 1.99 0.00	39.87 1.50 0.00	44.22 0.82 0.00	49.65 1.16 0.00	51.65 1.75 0.00	57.31 2.62 0.00	64.76 3.32 0.00	75.09 3.23 0.00	81.72 2.38 0.00	94.37 2.39 0.00	102.95 5.00 0.00	126.72 4.87 0.00	155.64 4.09 0.00	226.39 1.57 0.00	248.45 3.91 0.00	220.68 6.01 0.00	156.82 4.57 0.00	99.48 3.64 0.00	80.93 3.71 0.00	67.77 3.78 0.00
SYRACUSE___ENERGY_ST1 323597	49.91 0.30 0.00	43.97 0.09 0.00	38.22 0.04 0.00	35.64 -0.04 0.00	35.58 -0.04 0.00	38.22 -0.15 0.00	43.18 -0.22 0.00	48.24 -0.24 0.00	49.75 -0.15 0.00	54.69 0.00 0.00	61.56 0.12 0.00	72.00 0.14 0.00	79.82 0.48 0.00	92.80 0.83 0.00	99.82 1.86 0.00	124.05 2.19 0.00	153.97 2.42 0.00	227.07 2.25 0.00	245.76 3.42 2.20	218.10 3.43 0.00	154.84 2.59 0.00	97.18 1.34 0.00	77.84 0.62 0.00	64.25 0.26 0.00
SYRACUSE___ENERGY_ST2 323598	49.91 0.30 0.00	43.97 0.09 0.00	38.22 0.04 0.00	35.64 -0.04 0.00	35.58 -0.04 0.00	38.22 -0.15 0.00	43.18 -0.22 0.00	48.24 -0.24 0.00	49.75 -0.15 0.00	54.69 0.00 0.00	61.56 0.12 0.00	72.00 0.14 0.00	79.82 0.48 0.00	92.80 0.83 0.00	99.82 1.86 0.00	124.05 2.19 0.00	153.97 2.42 0.00	227.07 2.25 0.00	245.76 3.42 2.20	218.10 3.43 0.00	154.84 2.59 0.00	97.18 1.34 0.00	77.84 0.62 0.00	64.25 0.26 0.00
SYRACUSE___POWER 24017	49.91 0.30 0.00	44.02 0.13 0.00	38.30 0.11 0.00	35.68 0.00 0.00	35.62 0.00 0.00	38.26 -0.12 0.00	43.23 -0.17 0.00	48.29 -0.19 0.00	49.80 -0.10 0.00	54.74 0.05 0.00	61.62 0.18 0.00	72.07 0.22 0.00	79.90 0.56 0.00	92.89 0.92 0.00	99.92 1.96 0.00	124.17 2.32 0.00	154.27 2.73 0.00	227.74 2.92 0.00	245.99 3.91 2.46	218.75 4.08 0.00	155.14 2.89 0.00	97.37 1.53 0.00	77.92 0.70 0.00	64.31 0.32 0.00
TALLMAN_138KV_BK151 55660	51.20 1.59 0.00	45.82 1.93 0.00	40.09 1.91 0.00	37.50 1.82 0.00	37.33 1.71 0.00	40.10 1.73 0.00	45.09 1.69 0.00	50.14 1.65 0.00	51.50 1.60 0.00	56.80 1.80 -0.31	63.73 2.03 -0.26	75.16 2.66 -0.65	84.79 4.44 -1.00	98.58 5.98 -0.63	106.97 8.52 -0.49	158.34 10.97 -25.52	225.78 13.94 -60.29	271.18 19.78 -26.58	265.57 21.03 0.00	232.27 17.60 0.00	163.36 11.11 0.00	101.68 5.85 0.00	80.24 3.01 0.00	65.27 1.28 0.00
TEALLAVE_115KV_TB7 355573	49.76 0.15 0.00	43.89 0.00 0.00	38.18 0.00 0.00	35.57 -0.11 0.00	35.55 -0.07 0.00	38.15 -0.23 0.00	43.10 -0.30 0.00	48.15 -0.34 0.00	49.70 -0.20 0.00	54.58 -0.11 0.00	61.44 0.00 0.00	71.85 0.00 0.00	79.66 0.32 0.00	92.62 0.64 0.00	99.62 1.67 0.00	123.68 1.83 0.00	153.66 2.12 0.00	226.84 2.02 0.00	244.60 2.93 2.87	217.67 3.01 0.00	154.38 2.13 0.00	96.89 1.05 0.00	77.61 0.39 0.00	64.12 0.13 0.00
TELGRAPH_34_KV_EAST 80808	53.09 3.47 0.00	45.99 2.11 0.00	40.17 1.99 0.00	37.07 1.39 0.00	37.08 1.46 0.00	39.22 0.84 0.00	43.31 -0.09 0.00	48.44 -0.05 0.00	50.55 0.65 0.00	56.16 1.48 0.00	63.53 2.09 0.00	73.36 1.51 0.00	81.17 1.82 0.00	93.45 1.47 0.00	102.17 4.21 0.00	125.63 3.78 0.00	153.67 2.12 0.00	222.80 -2.02 0.00	244.05 -0.49 0.00	216.81 2.15 0.00	153.92 1.67 0.00	98.04 2.20 0.00	79.00 1.78 0.00	66.36 2.37 0.00
TEMPLE___115KV_TB 2 55572	49.81 0.20 0.00	43.93 0.04 0.00	38.22 0.04 0.00	35.60 -0.07 0.00	35.55 -0.07 0.00	38.18 -0.19 0.00	43.10 -0.30 0.00	48.15 -0.34 0.00	49.70 -0.20 0.00	54.63 -0.05 0.00	61.50 0.06 0.00	72.00 0.14 0.00	79.82 0.48 0.00	92.71 0.74 0.00	99.72 1.76 0.00	123.92 2.07 0.00	153.81 2.27 0.00	227.07 2.25 0.00	244.92 3.18 2.80	217.89 3.22 0.00	154.54 2.28 0.00	96.99 1.15 0.00	77.69 0.46 0.00	64.12 0.13 0.00
TIANA___69_KV_BK 1 55817	50.79 1.19 0.02	47.22 3.34 0.00	41.50 3.32 0.00	38.60 2.93 0.00	38.33 2.71 0.00	41.25 2.88 0.00	45.66 2.26 0.00	50.09 1.60 0.00	51.04 1.55 0.40	51.89 1.80 4.60	64.15 2.58 -0.13	75.89 3.81 -0.23	88.29 7.85 -1.09	106.21 10.94 -3.29	119.36 14.20 -7.20	235.61 17.67 -96.09	267.04 21.06 -94.43	294.80 30.58 -39.41	270.21 32.77 7.09	256.48 28.77 -13.05	204.78 19.64 -32.89	105.81 9.97 -0.01	82.19 6.02 1.06	66.65 2.94 0.29

TILDEN___115KV_TB1 80814	49.91 0.30 0.00	44.02 0.13 0.00	38.30 0.11 0.00	35.68 0.00 0.00	35.62 0.00 0.00	38.26 -0.12 0.00	43.23 -0.17 0.00	48.29 -0.19 0.00	49.80 -0.10 0.00	54.74 0.05 0.00	61.62 0.18 0.00	72.07 0.22 0.00	79.90 0.56 0.00	92.89 0.92 0.00	99.92 1.96 0.00	124.17 2.32 0.00	154.27 2.73 0.00	227.74 2.92 0.00	245.99 3.91 2.46	218.75 4.08 0.00	155.14 2.89 0.00	97.37 1.53 0.00	77.92 0.70 0.00	64.31 0.32 0.00
TRIGEN___CC 323695	50.80 1.19 0.01	46.65 2.76 0.00	40.93 2.75 0.00	38.17 2.50 0.00	37.94 2.32 0.00	40.79 2.42 0.00	45.44 2.04 0.00	50.04 1.55 0.00	51.25 1.45 0.10	55.45 1.59 0.83	63.68 1.97 -0.28	75.29 2.73 -0.70	85.98 5.55 -1.09	121.07 7.91 -21.19	109.08 10.58 -0.54	178.23 13.40 -42.98	270.20 17.12 -101.53	325.42 24.28 -76.32	270.70 26.17 0.00	236.56 21.90 0.00	166.71 14.46 0.00	103.33 7.48 -0.02	84.14 4.56 -2.35	66.13 2.11 -0.02
TRINITY___115KV__4 BK 55933	49.41 -0.20 0.00	44.02 0.13 0.00	38.53 0.34 0.00	36.21 0.54 0.00	36.12 0.50 0.00	38.65 0.27 0.00	43.53 0.13 0.00	48.34 -0.15 0.00	49.65 -0.25 0.00	54.04 -0.38 0.26	60.73 -0.49 0.22	70.80 -0.50 0.55	78.64 0.16 0.86	92.17 0.74 0.54	99.40 1.86 0.42	122.22 2.56 2.19	150.01 3.64 5.17	227.71 5.17 2.28	250.16 5.62 0.00	219.17 4.51 0.00	155.90 3.65 0.00	97.47 1.63 0.00	77.69 0.46 0.00	63.87 -0.13 0.00
UNION___PROCESSING_DRP 323587	51.95 2.33 0.00	45.29 1.40 0.00	39.44 1.26 0.00	36.53 0.86 0.00	36.51 0.89 0.00	38.88 0.50 0.00	43.53 0.13 0.00	48.92 0.44 0.00	50.80 0.90 0.00	56.27 1.59 0.00	63.53 2.09 0.00	74.08 2.23 0.00	81.88 2.54 0.00	94.73 2.76 0.00	102.76 4.80 0.00	126.85 5.00 0.00	156.39 4.85 0.00	228.64 3.82 0.00	250.16 5.62 0.00	220.89 6.23 0.00	156.97 4.72 0.00	99.29 3.45 0.00	79.54 2.32 0.00	66.30 2.30 0.00
UPPER HUDSON___HYD 24058	51.10 1.49 0.00	45.38 1.49 0.00	39.75 1.57 0.00	37.10 1.43 0.00	37.05 1.43 0.00	39.83 1.46 0.00	44.88 1.48 0.00	49.89 1.41 0.00	51.35 1.45 0.00	55.77 1.37 0.29	61.99 0.80 0.24	72.33 1.08 0.60	80.23 1.83 0.94	94.06 2.67 0.59	100.43 3.52 1.05	125.19 5.36 2.02	154.35 7.57 4.77	234.40 11.68 2.10	260.92 16.39 0.00	230.13 15.46 0.00	164.27 12.02 0.00	102.26 6.42 0.00	81.32 4.09 0.00	66.56 2.56 0.00
UPPER RAQUET___HYD 24056	50.11 0.50 0.00	44.24 0.35 0.00	38.18 0.00 0.00	35.71 0.04 0.00	35.66 0.04 0.00	38.68 0.31 0.00	44.09 0.69 0.00	49.60 1.12 0.00	50.80 0.90 0.00	55.29 0.60 0.00	61.44 0.00 0.00	71.50 -0.36 0.00	77.83 -1.51 0.00	88.57 -3.40 0.00	90.42 -7.54 0.00	93.27 -9.50 19.08	97.06 -11.52 42.96	213.58 -11.23 0.00	129.93 -15.66 98.95	106.66 -13.10 94.90	98.87 -8.83 44.55	91.53 -4.31 0.00	77.38 0.15 0.00	65.15 1.15 0.00
VALLEY44_115KV_TB2 355964	52.24 2.63 0.00	45.42 1.54 0.00	39.59 1.41 0.00	36.60 0.93 0.00	36.62 1.00 0.00	38.84 0.46 0.00	43.49 0.09 0.00	48.24 -0.24 0.00	50.50 0.60 0.00	56.05 1.37 0.00	63.53 2.09 0.00	73.65 1.80 0.00	82.12 2.78 0.00	94.46 2.48 0.00	103.44 5.49 0.00	127.70 5.85 0.00	156.85 5.30 0.00	226.17 1.35 0.00	247.47 2.93 0.00	219.82 5.15 0.00	154.84 2.59 0.00	98.23 2.40 0.00	78.54 1.31 0.00	65.98 1.98 0.00
VALLEY___115KV_TB 1-4 80826	50.70 1.09 0.00	44.90 1.01 0.00	39.10 0.92 0.00	36.50 0.82 0.00	36.51 0.89 0.00	39.30 0.92 0.00	44.44 1.04 0.00	49.65 1.16 0.00	51.10 1.20 0.00	56.00 1.31 0.00	62.92 1.47 0.00	73.58 1.72 0.00	81.56 2.22 0.00	94.83 2.85 0.00	101.49 3.53 0.00	126.24 4.39 0.00	156.85 5.30 0.00	232.46 7.64 2.03	251.06 8.56 0.00	221.96 7.30 0.00	157.43 5.18 0.00	98.90 3.07 0.00	79.31 2.09 0.00	65.47 1.47 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	51.75 2.13 0.00	45.90 2.02 0.00	39.98 1.79 0.00	37.28 1.61 0.00	37.26 1.64 0.00	40.07 1.69 0.00	45.22 1.82 0.00	50.43 1.94 0.00	51.95 2.05 0.00	56.98 2.30 0.00	64.08 2.64 0.00	75.02 3.16 0.00	83.55 4.21 0.00	97.40 5.43 0.00	105.21 7.25 0.00	132.18 9.14 -1.19	165.42 11.06 -2.81	242.02 15.96 -1.24	262.39 17.85 0.00	229.91 15.24 0.00	162.91 10.66 0.00	102.07 6.23 0.00	81.09 3.86 0.00	66.55 2.56 0.00
VISCHER___FERRY HYD 24020	50.55 0.94 0.00	45.03 1.14 0.00	39.44 1.26 0.00	36.92 1.25 0.00	36.83 1.21 0.00	39.53 1.15 0.00	44.53 1.13 0.00	49.36 0.87 0.00	50.70 0.80 0.00	55.00 0.71 0.39	61.78 0.68 0.33	71.96 0.93 0.83	79.89 1.83 1.28	93.93 2.76 0.80	100.60 3.92 1.28	124.98 5.36 2.23	153.70 7.42 5.27	233.29 10.79 2.32	256.51 11.98 0.00	224.97 10.30 0.00	160.16 7.91 0.00	100.15 4.32 0.00	79.77 2.54 0.00	65.34 1.35 0.00
V_A_10_SYNC_DSASP 323832	51.80 2.18 0.00	45.03 1.14 0.00	39.33 1.15 0.00	36.35 0.68 0.00	36.37 0.75 0.00	38.49 0.12 0.00	42.84 -0.56 0.00	47.91 -0.58 0.00	50.00 0.10 0.00	55.45 0.77 0.00	62.67 1.23 0.00	72.65 0.79 0.00	80.53 1.19 0.00	92.80 0.83 0.00	101.09 3.13 0.00	124.41 2.56 0.00	152.45 0.91 0.00	221.00 -3.82 0.00	241.36 -3.18 0.00	214.24 -0.43 0.00	152.10 -0.15 0.00	97.08 1.25 0.00	77.84 0.62 0.00	65.40 1.41 0.00
V_CMM_10_SYNC_DSASP 323787	49.46 -0.15 0.00	43.62 -0.26 0.00	37.76 -0.42 0.00	35.32 -0.36 0.00	35.26 -0.36 0.00	38.22 -0.15 0.00	43.49 0.09 0.00	48.87 0.39 0.00	50.15 0.25 0.00	54.91 0.22 0.00	61.69 0.25 0.00	72.00 0.14 0.00	78.47 -0.87 0.00	89.86 -2.11 0.00	93.55 -4.41 0.00	116.82 -5.48 -0.45	145.78 -6.82 -1.05	217.17 -7.64 0.00	248.01 -10.04 -13.51	208.37 -8.59 -2.29	147.37 -5.94 -1.06	92.68 -3.16 0.00	76.45 -0.77 0.00	64.06 0.06 0.00
V_CMP_10_SYNC_DSASP 323788	49.42 -0.20 0.00	43.97 0.09 0.00	38.07 -0.11 0.00	35.64 -0.04 0.00	35.66 0.04 0.00	38.68 0.31 0.00	44.05 0.65 0.00	49.51 1.02 0.00	50.45 0.55 0.00	55.23 0.55 0.00	62.12 0.68 0.00	72.50 0.65 0.00	79.03 -0.32 0.00	90.22 -1.75 0.00	94.04 -3.92 0.00	115.42 -5.00 1.43	142.29 -6.07 3.19	218.53 -6.29 0.00	236.70 -7.83 0.00	200.95 -6.66 7.06	144.05 -4.88 3.32	92.86 -2.97 0.00	76.30 -0.92 0.00	63.74 -0.25 0.00
V_D_10_SYNC_DSASP 323841	49.86 0.25 0.00	44.02 0.13 0.00	38.07 -0.11 0.00	35.57 -0.11 0.00	35.55 -0.07 0.00	38.53 0.15 0.00	43.88 0.48 0.00	49.31 0.82 0.00	50.60 0.70 0.00	55.34 0.66 0.00	62.05 0.61 0.00	72.36 0.51 0.00	78.87 -0.47 0.00	90.04 -1.94 0.00	92.76 -5.19 0.00	116.43 -6.58 -1.16	146.02 -8.19 -2.67	217.17 -7.64 0.00	255.14 -11.73 -22.34	210.65 -9.87 -5.85	148.13 -6.85 -2.73	92.39 -3.45 0.00	77.15 -0.08 0.00	64.77 0.77 0.00
V_E_10_SYNC_DSASP 323830	54.82 5.21 0.00	48.32 4.43 0.00	41.85 3.67 0.00	38.92 3.25 0.00	39.04 3.42 0.00	42.02 3.65 0.00	47.70 4.30 0.00	53.19 4.70 0.00	54.69 4.79 0.00	59.61 4.92 0.00	66.97 5.53 0.00	78.25 6.39 0.00	86.96 7.62 0.00	101.63 9.65 0.00	110.00 12.05 0.00	137.57 15.72 0.00	171.24 19.69 0.00	255.16 30.34 0.00	280.24 35.70 0.00	246.66 31.99 0.00	174.78 22.53 0.00	109.15 13.32 0.00	86.41 9.19 0.00	71.10 7.10 0.00

V_F_30_NSYNC___DSASP 323816	51.40 1.78 0.00	45.69 1.80 0.00	39.94 1.76 0.00	37.32 1.64 0.00	37.26 1.64 0.00	40.03 1.65 0.00	45.09 1.69 0.00	50.08 1.60 0.00	51.50 1.60 0.00	55.91 1.53 0.30	62.60 1.41 0.26	73.01 1.80 0.64	80.96 2.61 0.99	95.04 3.68 0.62	101.67 4.80 1.08	126.38 6.58 2.05	155.64 8.94 4.84	235.95 13.26 2.13	260.67 16.14 0.00	229.47 14.80 0.00	163.36 11.11 0.00	101.98 6.14 0.00	81.24 4.01 0.00	66.62 2.62 0.00
V_F_30_SYNC_DSASP 323786	49.66 0.05 0.00	44.24 0.35 0.00	38.72 0.53 0.00	36.35 0.68 0.00	36.26 0.64 0.00	38.80 0.42 0.00	43.75 0.35 0.00	48.58 0.10 0.00	49.95 0.05 0.00	54.36 -0.05 0.27	61.09 -0.12 0.23	71.29 0.00 0.56	79.10 0.63 0.87	92.71 1.29 0.55	99.98 2.45 0.43	123.11 3.41 2.16	151.00 4.55 5.09	229.09 6.52 2.25	251.63 7.09 0.00	220.68 6.01 0.00	156.82 4.57 0.00	98.04 2.20 0.00	78.15 0.93 0.00	64.25 0.26 0.00
V_XM_10_SYNC_DSASP 323789	49.42 -0.20 0.00	43.97 0.09 0.00	38.07 -0.11 0.00	35.64 -0.04 0.00	35.66 0.04 0.00	38.68 0.31 0.00	44.05 0.65 0.00	49.51 1.02 0.00	50.45 0.55 0.00	55.23 0.55 0.00	62.12 0.68 0.00	72.50 0.65 0.00	79.03 -0.32 0.00	90.22 -1.75 0.00	94.04 -3.92 0.00	115.42 -5.00 1.43	142.29 -6.07 3.19	218.53 -6.29 0.00	236.70 -7.83 0.00	200.95 -6.66 7.06	144.05 -4.88 3.32	92.86 -2.97 0.00	76.30 -0.92 0.00	63.74 -0.25 0.00
W.BABYLN_69_KV_BK1 56697	51.24 1.64 0.01	47.48 3.60 0.00	41.73 3.55 0.00	38.85 3.18 0.00	38.54 2.92 0.00	41.45 3.07 0.00	46.00 2.60 0.00	50.47 1.99 0.00	51.34 1.80 0.36	52.69 2.02 4.02	64.09 2.46 -0.19	75.76 3.38 -0.53	87.26 6.82 -1.09	108.03 9.47 -6.58	111.04 12.54 -0.54	178.20 16.08 -40.27	267.65 20.46 -95.65	300.57 29.68 -46.08	270.45 31.79 5.88	236.74 26.83 4.75	170.06 17.81 0.00	104.94 9.10 0.00	82.77 5.64 0.09	66.85 2.94 0.09
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	51.40 1.79 0.00	45.99 2.11 0.00	40.21 2.02 0.00	37.60 1.93 0.00	37.47 1.85 0.00	40.26 1.88 0.00	45.27 1.87 0.00	50.33 1.84 0.00	51.70 1.80 0.00	57.02 2.02 -0.31	63.98 2.27 -0.26	75.46 2.95 -0.66	85.12 4.76 -1.02	99.05 6.44 -0.64	107.47 9.01 -0.50	161.11 11.45 -27.81	231.94 14.70 -65.70	274.69 20.91 -28.96	266.79 22.25 0.00	233.34 18.68 0.00	164.28 12.03 0.00	102.16 6.33 0.00	80.62 3.40 0.00	65.59 1.60 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	51.75 2.13 0.00	46.43 2.55 0.00	40.59 2.41 0.00	37.92 2.25 0.00	37.79 2.17 0.00	40.60 2.23 0.00	45.70 2.30 0.00	50.91 2.42 0.00	52.44 2.54 0.00	57.75 2.73 -0.33	64.73 3.01 -0.28	76.22 3.66 -0.70	86.06 5.63 -1.09	100.20 7.54 -0.68	108.88 10.38 -0.53	177.27 12.92 -42.50	268.32 16.37 -100.41	292.46 23.38 -44.26	269.23 24.70 0.00	235.49 20.82 0.00	165.49 13.25 0.00	102.83 7.00 0.00	81.09 3.86 0.00	65.85 1.86 0.00
W50THST__13_KV_LOAD 356117	52.09 2.48 0.00	46.69 2.81 0.00	40.82 2.63 0.00	38.17 2.50 0.00	38.04 2.42 0.00	40.87 2.49 0.00	46.00 2.60 0.00	51.30 2.81 0.00	52.84 2.94 0.00	58.30 3.28 -0.33	65.29 3.56 -0.28	76.87 4.31 -0.70	86.78 6.35 -1.09	101.12 8.46 -0.68	109.76 11.27 -0.53	178.36 14.01 -42.50	269.68 17.73 -100.41	294.26 25.18 -44.26	271.19 26.65 0.00	236.99 22.33 0.00	166.56 14.31 0.00	103.50 7.67 0.00	81.55 4.32 0.00	66.23 2.24 0.00
WADING RIVER_IC_1 23522	49.90 0.30 0.02	46.25 2.37 0.00	40.81 2.63 0.00	37.96 2.29 0.00	37.76 2.14 0.00	40.52 2.15 0.00	44.96 1.56 0.00	48.29 -0.19 0.00	49.94 0.45 0.40	50.74 0.66 4.60	62.68 1.11 -0.13	74.10 2.01 -0.23	86.39 5.95 -1.09	104.08 8.83 -3.28	128.83 11.36 -19.52	230.76 14.37 -94.54	262.35 16.37 -94.43	288.02 23.82 -39.38	262.88 25.43 7.09	250.39 23.19 -12.54	200.07 15.83 -31.99	103.70 7.86 0.00	80.58 4.40 1.04	65.31 1.60 0.28
WADING RIVER_IC_2 23547	49.90 0.30 0.02	46.25 2.37 0.00	40.81 2.63 0.00	37.96 2.29 0.00	37.76 2.14 0.00	40.52 2.15 0.00	44.96 1.56 0.00	48.29 -0.19 0.00	49.94 0.45 0.40	50.74 0.66 4.60	62.68 1.11 -0.13	74.10 2.01 -0.23	86.39 5.95 -1.09	104.08 8.83 -3.28	128.83 11.36 -19.52	230.76 14.37 -94.54	262.35 16.37 -94.43	288.02 23.82 -39.38	262.88 25.43 7.09	250.39 23.19 -12.54	200.07 15.83 -31.99	103.70 7.86 0.00	80.58 4.40 1.04	65.31 1.60 0.28
WADING RIVER_IC_3 23601	49.90 0.30 0.02	46.25 2.37 0.00	40.81 2.63 0.00	37.96 2.29 0.00	37.76 2.14 0.00	40.52 2.15 0.00	44.96 1.56 0.00	48.29 -0.19 0.00	49.94 0.45 0.40	50.74 0.66 4.60	62.68 1.11 -0.13	74.10 2.01 -0.23	86.39 5.95 -1.09	104.08 8.83 -3.28	128.83 11.36 -19.52	230.76 14.37 -94.54	262.35 16.37 -94.43	288.02 23.82 -39.38	262.88 25.43 7.09	250.39 23.19 -12.54	200.07 15.83 -31.99	103.70 7.86 0.00	80.58 4.40 1.04	65.31 1.60 0.28
WALDENNY_12_KV_BK2 80841	53.19 3.57 0.00	46.12 2.24 0.00	40.24 2.06 0.00	37.17 1.50 0.00	37.19 1.57 0.00	39.34 0.96 0.00	43.66 0.26 0.00	48.73 0.24 0.00	51.00 1.10 0.00	56.71 2.02 0.00	64.27 2.83 0.00	74.37 2.51 0.00	82.75 3.41 0.00	95.10 3.13 0.00	104.23 6.27 0.00	128.19 6.34 0.00	156.70 5.15 0.00	226.17 1.35 0.00	247.47 2.93 0.00	219.82 5.15 0.00	155.60 3.35 0.00	99.19 3.35 0.00	79.54 2.32 0.00	66.87 2.88 0.00
WALDEN__HYDRO 24148	51.20 1.59 0.00	45.73 1.84 0.00	39.98 1.79 0.00	37.39 1.71 0.00	37.26 1.64 0.00	40.03 1.65 0.00	45.01 1.61 0.00	50.09 1.60 0.00	51.45 1.55 0.00	56.70 1.75 -0.26	63.63 1.97 -0.22	75.00 2.59 -0.56	84.33 4.13 -0.86	98.22 5.70 -0.54	106.42 8.03 -0.42	137.73 10.36 -5.52	177.93 13.34 -13.05	249.91 19.33 -5.75	265.57 21.03 0.00	232.27 17.60 0.00	163.82 11.57 0.00	102.07 6.23 0.00	80.62 3.40 0.00	65.66 1.66 0.00
WARRENSBURG____ 23737	51.10 1.49 0.00	45.38 1.49 0.00	39.75 1.57 0.00	37.10 1.43 0.00	37.05 1.42 0.00	39.83 1.46 0.00	44.88 1.48 0.00	49.94 1.45 0.00	51.40 1.50 0.00	55.77 1.37 0.29	62.06 0.86 0.24	72.33 1.08 0.60	80.23 1.82 0.94	93.96 2.58 0.59	101.03 3.53 0.46	125.19 5.36 2.02	154.35 7.58 4.77	234.41 11.69 2.10	260.92 16.38 0.00	230.12 15.46 0.00	164.28 12.03 0.00	102.26 6.42 0.00	81.32 4.09 0.00	66.68 2.69 0.00
WATERSIDE____6 8 9 23538	51.90 2.28 0.00	46.56 2.68 0.00	40.74 2.56 0.00	38.07 2.39 0.00	37.94 2.32 0.00	40.76 2.38 0.00	45.83 2.43 0.00	50.77 2.28 0.00	52.14 2.25 0.00	57.53 2.52 -0.33	63.93 2.21 -0.28	75.43 2.87 -0.70	85.19 4.76 -1.09	99.09 6.44 -0.68	107.70 9.21 -0.53	148.33 11.58 -14.91	210.82 14.70 -44.57	282.84 20.91 -37.11	260.98 22.25 5.81	210.15 18.46 22.98	124.42 11.88 39.71	89.47 6.13 12.50	60.87 3.17 19.53	60.03 1.28 5.25
WATKINRD_115KV_LN8_ILLION 55919	50.36 0.74 0.00	44.63 0.75 0.00	38.83 0.65 0.00	36.28 0.61 0.00	36.26 0.64 0.00	39.03 0.65 0.00	44.09 0.69 0.00	49.26 0.78 0.00	50.70 0.80 0.00	55.51 0.82 0.00	62.36 0.92 0.00	73.00 1.15 0.00	80.85 1.51 0.00	93.91 1.93 0.00	100.60 2.64 0.00	125.14 3.29 0.00	155.63 4.09 0.00	230.66 5.85 0.00	249.10 6.60 2.03	220.25 5.58 0.00	156.21 3.96 0.00	98.14 2.30 0.00	78.69 1.47 0.00	64.95 0.96 0.00

WDELAWARE___HYD 323627	51.00 1.39 0.00	45.46 1.58 0.00	39.71 1.53 0.00	37.03 1.36 0.00	36.97 1.35 0.00	39.72 1.34 0.00	44.75 1.35 0.00	49.80 1.31 0.00	51.15 1.25 0.00	56.37 1.48 -0.21	63.21 1.59 -0.18	74.52 2.23 -0.43	83.54 3.73 -0.46	97.15 5.33 0.16	106.75 7.44 -1.35	134.91 9.62 -3.44	172.84 12.73 -8.57	244.70 19.10 -0.78	261.92 21.03 3.64	232.47 17.81 0.00	163.97 11.72 0.00	101.86 6.23 0.20	80.62 3.39 0.00	65.53 1.53 0.00
WEST BABYLON___IC 23714	51.24 1.64 0.01	47.48 3.60 0.00	41.73 3.55 0.00	38.85 3.18 0.00	38.54 2.92 0.00	41.45 3.07 0.00	46.00 2.60 0.00	50.47 1.99 0.00	51.34 1.80 0.36	52.69 2.02 4.02	64.09 2.46 -0.19	75.76 3.38 -0.53	87.26 6.82 -1.09	108.03 9.47 -6.58	111.04 12.54 -0.54	178.20 16.08 -40.27	267.65 20.46 -95.65	300.57 29.68 -46.08	270.45 31.79 5.88	236.74 26.83 4.75	170.06 17.81 0.00	104.94 9.10 0.00	82.77 5.64 0.09	66.85 2.94 0.09
WEST CANADA___HYD 24049	49.76 0.15 0.00	44.06 0.18 0.00	38.41 0.23 0.00	35.89 0.22 0.00	35.84 0.22 0.00	38.57 0.19 0.00	43.53 0.13 0.00	48.58 0.10 0.00	50.00 0.10 0.00	54.80 0.11 0.00	61.56 0.12 0.00	72.00 0.14 0.00	79.74 0.40 0.00	92.71 0.73 0.00	99.14 1.18 0.00	123.32 1.47 0.00	153.37 1.83 0.00	227.30 2.48 0.00	245.45 2.95 2.03	217.03 2.37 0.00	153.93 1.68 0.00	96.79 0.96 0.00	77.61 0.39 0.00	64.12 0.13 0.00
WESTERN_NY_WIND 24143	53.83 4.22 0.00	46.69 2.81 0.00	40.70 2.52 0.00	37.57 1.89 0.00	37.58 1.96 0.00	39.83 1.46 0.00	44.18 0.78 0.00	49.55 1.07 0.00	51.60 1.70 0.00	57.26 2.57 0.00	64.64 3.19 0.00	74.94 3.09 0.00	81.80 2.46 0.00	94.37 2.39 0.00	103.05 5.09 0.00	126.72 4.87 0.00	155.64 4.09 0.00	226.17 1.35 0.00	248.45 3.91 0.00	220.46 5.80 0.00	156.66 4.42 0.00	99.48 3.64 0.00	80.78 3.55 0.00	67.64 3.65 0.00
WESTOVER___LESR 323668	51.20 1.59 0.00	45.11 1.23 0.00	39.25 1.07 0.00	36.57 0.89 0.00	36.51 0.89 0.00	39.11 0.73 0.00	44.05 0.65 0.00	49.02 0.53 0.00	50.70 0.80 0.00	55.78 1.09 0.00	62.85 1.41 0.00	73.36 1.51 0.00	81.56 2.22 0.00	94.73 2.76 0.00	102.37 4.41 0.00	126.97 5.12 0.00	157.30 5.76 0.00	231.34 6.52 0.00	252.85 8.31 0.00	222.82 8.16 0.00	157.73 5.48 0.00	99.29 3.45 0.00	79.23 2.01 0.00	65.66 1.66 0.00
WETHRSFD_WT_PWR 323626	52.54 2.93 0.00	45.77 1.89 0.00	39.86 1.68 0.00	37.07 1.39 0.00	36.90 1.28 0.00	39.26 0.88 0.00	43.66 0.26 0.00	48.44 -0.05 0.00	50.70 0.80 0.00	55.78 1.09 0.00	63.16 1.72 0.00	73.22 1.36 0.00	81.33 1.98 0.00	93.81 1.84 0.00	102.26 4.31 0.00	126.00 4.15 0.00	154.73 3.19 0.00	224.37 -0.45 0.00	246.01 1.48 0.00	219.18 4.52 0.00	155.45 3.20 0.00	98.90 3.07 0.00	79.23 2.00 0.00	66.88 2.88 0.00
WHAVSTOR_138KV_BK127 55557	51.05 1.44 0.00	45.73 1.84 0.00	40.01 1.83 0.00	37.42 1.75 0.00	37.29 1.67 0.00	40.03 1.65 0.00	45.01 1.61 0.00	50.04 1.55 0.00	51.40 1.50 0.00	56.64 1.64 -0.31	63.55 1.84 -0.27	74.89 2.37 -0.66	84.49 4.13 -1.02	98.23 5.61 -0.64	106.59 8.13 -0.50	160.50 10.36 -28.29	231.72 13.34 -66.84	272.95 18.66 -29.47	264.59 20.05 0.00	231.19 16.53 0.00	162.91 10.66 0.00	101.30 5.46 0.00	80.01 2.78 0.00	65.08 1.09 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	51.05 1.44 0.00	45.73 1.84 0.00	40.01 1.83 0.00	37.42 1.75 0.00	37.29 1.67 0.00	40.03 1.65 0.00	45.01 1.61 0.00	50.04 1.55 0.00	51.40 1.50 0.00	56.64 1.64 -0.31	63.55 1.84 -0.27	74.89 2.37 -0.66	84.49 4.13 -1.02	98.23 5.61 -0.64	106.59 8.13 -0.50	160.50 10.36 -28.29	231.72 13.34 -66.84	272.95 18.66 -29.47	264.59 20.05 0.00	231.19 16.53 0.00	162.91 10.66 0.00	101.30 5.46 0.00	80.01 2.78 0.00	65.08 1.09 0.00
WHITEHAL_115KV_TB1 80871	51.45 1.84 0.00	45.69 1.80 0.00	39.98 1.79 0.00	37.28 1.61 0.00	37.22 1.60 0.00	40.07 1.69 0.00	45.22 1.82 0.00	50.28 1.79 0.00	51.70 1.80 0.00	56.09 1.70 0.29	62.36 1.17 0.25	72.67 1.44 0.62	80.60 2.22 0.96	94.59 3.22 0.60	101.60 4.11 0.47	126.03 6.21 2.03	155.69 8.94 4.80	237.09 14.39 2.12	264.10 19.56 0.00	233.77 19.11 0.00	166.86 14.62 0.00	103.60 7.76 0.00	82.25 5.02 0.00	67.39 3.39 0.00
WHITEPLN_13_KV_LOAD 356215	51.99 2.38 0.00	46.61 2.72 0.00	40.74 2.56 0.00	38.07 2.39 0.00	37.94 2.32 0.00	40.72 2.34 0.00	45.83 2.43 0.00	51.06 2.57 0.00	52.59 2.69 0.00	58.08 3.06 -0.33	65.22 3.50 -0.28	76.94 4.38 -0.70	86.85 6.43 -1.09	101.02 8.37 -0.68	109.86 11.36 -0.53	175.97 14.62 -39.50	263.66 18.79 -93.32	292.49 26.53 -41.14	272.90 28.37 0.00	238.06 23.40 0.00	167.78 15.53 0.00	104.08 8.24 0.00	81.86 4.63 0.00	66.49 2.50 0.00
WM_FLOYD_69_KV_BK2 356380	50.39 0.79 0.02	46.87 2.98 0.00	41.20 3.02 0.00	38.35 2.68 0.00	38.08 2.46 0.00	40.99 2.61 0.00	45.35 1.95 0.00	49.70 1.21 0.00	50.54 1.05 0.40	51.25 1.15 4.59	63.22 1.66 -0.12	74.64 2.59 -0.20	86.78 6.35 -1.09	104.42 9.11 -3.34	118.11 12.05 -8.10	240.85 15.23 -103.76	264.33 18.34 -94.45	290.86 26.53 -39.51	266.32 28.86 7.07	255.62 25.33 -15.62	206.66 17.05 -37.36	104.47 8.63 -0.01	81.26 5.17 1.14	65.93 2.24 0.30
WOODARD___115KV_TB2 355635	49.71 0.10 0.00	43.84 -0.04 0.00	38.11 -0.08 0.00	35.53 -0.14 0.00	35.48 -0.14 0.00	38.11 -0.27 0.00	43.05 -0.35 0.00	48.10 -0.39 0.00	49.60 -0.30 0.00	54.47 -0.22 0.00	61.32 -0.12 0.00	71.71 -0.14 0.00	79.50 0.16 0.00	92.43 0.46 0.00	99.33 1.37 0.00	123.31 1.46 0.00	153.21 1.67 0.00	226.17 1.35 0.00	243.98 2.20 2.76	217.24 2.58 0.00	154.08 1.83 0.00	96.70 0.86 0.00	77.46 0.23 0.00	63.99 0.00 0.00
WOODMERE_69_KV_BK1 55827	51.64 2.03 0.01	47.35 3.47 0.00	41.58 3.40 0.00	38.74 3.07 0.00	38.47 2.85 0.00	41.37 2.99 0.00	46.05 2.65 0.00	50.72 2.23 0.00	52.00 2.15 0.05	56.96 2.46 0.18	64.79 3.07 -0.28	76.73 4.17 -0.70	87.89 7.46 -1.09	150.55 10.12 -48.46	111.53 13.03 -0.54	184.94 15.96 -47.13	282.71 20.61 -110.56	384.46 29.45 -130.19	285.34 31.79 -9.02	248.36 26.40 -7.29	169.91 17.66 0.00	105.67 9.78 -0.06	88.79 6.26 -5.31	67.57 3.52 -0.05
YORK___WARBASSE 23770	52.24 2.63 0.00	46.91 3.03 0.00	41.01 2.83 0.00	38.32 2.64 0.00	38.19 2.56 0.00	40.95 2.57 0.00	46.00 2.60 0.00	50.77 2.28 0.00	52.09 2.20 0.00	57.53 2.52 -0.33	64.30 2.58 -0.28	75.93 3.38 -0.70	85.82 5.40 -1.09	99.74 7.08 -0.68	108.39 9.89 -0.53	176.96 12.43 -42.69	211.73 15.61 -44.57	284.19 22.26 -37.11	262.45 23.72 5.81	211.86 20.18 22.98	129.06 13.09 36.28	94.41 6.90 8.33	71.20 3.78 9.81	65.78 1.79 0.01