

Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion								08/02/2024	
Generator Data																											
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	41.28	38.60	36.29	34.25	33.66	35.72	38.68	40.18	42.64	45.95	47.75	58.25	63.60	67.71	74.69	107.43	124.25	141.36	118.41	88.00	68.92	60.79	49.02	43.94		
		3.41	2.62	2.34	2.33	2.26	2.40	2.83	3.32	3.91	4.10	4.10	4.81	5.36	5.88	7.15	10.99	12.91	13.69	10.33	6.71	4.12	4.29	3.51	3.29		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.91	-5.82	-5.06	-5.05	0.00	0.00	0.00		
74TH STREET_GT_1	24260	41.35	38.56	36.36	34.28	33.69	35.82	38.54	40.14	42.53	45.86	47.71	58.25	63.89	67.52	74.42	107.14	123.81	140.98	118.11	87.93	68.98	60.73	48.98	44.02		
		3.48	2.59	2.41	2.36	2.29	2.50	2.69	3.28	3.80	4.02	4.06	4.81	5.65	5.69	6.89	10.70	12.47	13.31	10.02	6.63	4.18	4.24	3.46	3.37		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.91	-5.82	-5.06	-5.05	0.00	0.00	0.00		
74TH STREET_GT_2	24261	41.35	38.56	36.36	34.28	33.69	35.82	38.54	40.14	42.53	45.86	47.71	58.25	63.89	67.52	74.42	107.14	123.81	140.98	118.11	87.93	68.98	60.73	48.98	44.02		
		3.48	2.59	2.41	2.36	2.29	2.50	2.69	3.28	3.80	4.02	4.06	4.81	5.65	5.69	6.89	10.70	12.47	13.31	10.02	6.63	4.18	4.24	3.46	3.37		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.91	-5.82	-5.06	-5.05	0.00	0.00	0.00		
ADK HUDSON___FALLS	24011	41.09	38.82	36.49	34.18	33.63	35.82	38.50	39.55	41.79	45.40	47.01	57.93	63.20	67.09	73.47	105.41	121.80	144.59	175.53	138.62	120.50	62.71	49.98	44.39		
		3.22	2.84	2.55	2.27	2.23	2.50	2.65	2.69	3.06	3.56	3.36	4.49	4.95	5.26	5.94	8.97	10.47	13.56	11.35	8.54	6.99	6.21	4.46	3.74		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.27	-61.90	-53.85	-53.77	0.00	0.00	0.00		
ADK RESOURCE___RCVRY	23798	41.39	39.14	36.70	34.37	33.81	36.02	38.86	39.81	42.14	45.78	47.36	58.41	63.72	67.65	74.08	106.37	122.81	146.01	177.07	139.89	121.61	63.39	50.48	44.75		
		3.52	3.17	2.75	2.46	2.42	2.70	3.01	2.95	3.41	3.93	3.71	4.97	5.47	5.81	6.55	9.94	11.47	15.08	12.58	9.53	7.82	6.89	4.96	4.10		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.17	-62.22	-54.12	-54.04	0.00	0.00	0.00		
ADK S GLENS___FALLS	24028	41.09	38.82	36.49	34.18	33.63	35.82	38.50	39.55	41.79	45.40	47.01	57.93	63.20	67.09	73.47	105.41	121.80	144.59	175.53	138.62	120.50	62.71	49.98	44.39		
		3.22	2.84	2.55	2.27	2.23	2.50	2.65	2.69	3.06	3.56	3.36	4.49	4.95	5.26	5.94	8.97	10.47	13.56	11.35	8.54	6.99	6.21	4.46	3.74		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.27	-61.90	-53.85	-53.77	0.00	0.00	0.00		
ADK_NYS___DAM	23527	40.33	38.06	35.88	33.77	33.22	35.22	38.00	39.11	41.06	44.36	46.18	56.48	61.56	65.54	71.65	102.90	119.24	141.77	155.24	121.15	103.15	60.17	48.25	42.92		
		2.46	2.09	1.93	1.85	1.82	1.90	2.15	2.25	2.32	2.51	2.53	3.04	3.32	3.71	4.12	6.46	7.91	9.13	7.46	5.33	3.88	3.67	2.73	2.28		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.88	-45.50	-39.58	-39.52	0.00	0.00	0.00		
AIR_PRODUCTS___DRP	24190	38.82	36.66	34.63	32.56	32.02	34.02	36.49	37.63	39.55	42.73	44.53	54.51	59.23	62.95	68.88	98.75	114.12	121.30	138.38	107.11	90.00	57.57	46.43	41.50		
		0.95	0.68	0.68	0.64	0.63	0.70	0.65	0.77	0.81	0.88	0.87	1.07	0.99	1.11	1.35	2.31	2.78	3.42	2.45	1.60	1.02	1.07	0.91	0.85		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.88	-33.66	-29.28	-29.24	0.00	0.00	0.00		
AKWESSNE_115KV_BK	355683	36.92	35.54	33.57	31.50	31.02	32.92	35.46	36.01	37.65	40.55	42.21	51.36	55.73	57.25	64.29	91.91	106.44	121.06	97.67	72.65	57.23	54.40	44.20	39.35		
		-0.95	-0.43	-0.37	-0.41	-0.38	-0.40	-0.39	-0.85	-1.08	-1.30	-1.44	-2.08	-2.50	-2.66	-3.24	-4.53	-4.90	-5.70	-4.60	-3.58	-2.51	-2.09	-1.32	-1.30		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	1.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
ALBANY_1_SOLAR	323833	39.72	37.63	35.48	33.32	32.74	34.79	37.32	38.26	40.13	43.23	44.92	54.93	58.54	62.33	68.28	97.98	111.61	118.27	123.32	100.07	83.09	57.91	47.61	42.56		
		1.86	1.66	1.53	1.40	1.35	1.46	1.47	1.40	1.39	1.38	1.27	1.49	0.29	0.49	0.74	1.54	2.11	3.17	2.45	1.83	1.38	1.41	2.10	1.91		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.84	11.66	-18.60	-22.01	-21.97	0.00	0.00	0.00	
ALBANY_2_SOLAR	323834	39.69	37.59	35.44	33.32	32.74	34.75	37.32	38.26	40.13	43.23	44.92	54.93	58.48	62.33	68.28	97.89	111.61	118.28	123.31	100.06	83.09	57.91	47.61	42.52		
		1.82	1.62	1.49	1.40	1.35	1.43	1.47	1.40	1.39	1.38	1.27	1.49	0.23	0.49	0.74	1.45	2.11	3.17	2.45	1.83	1.38	1.41	2.10	1.87		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.84	11.65	-18.59	-22.00	-21.97	0.00	0.00	0.00	
ALBANY___1	23571	38.82	36.66	34.63	32.56	32.02	34.02	36.49	37.63	39.55	42.73	44.53	54.51	59.23	62.95	68.88	98.75	114.12	121.30	138.38	107.11	90.00	57.57	46.43	41.50		
		0.95	0.68	0.68	0.64	0.63	0.70	0.65	0.77	0.81	0.88	0.87	1.07	0.99	1.11	1.35	2.31	2.78	3.42	2.45	1.60	1.02	1.07	0.91	0.85		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.88	-33.66	-29.28	-29.24	0.00	0.00	0.00		

ALBANY___2 23572	38.82 0.95 0.00	36.66 0.68 0.00	34.63 0.68 0.00	32.56 0.64 0.00	32.02 0.63 0.00	34.02 0.70 0.00	36.49 0.65 0.00	37.63 0.77 0.00	39.55 0.81 0.00	42.73 0.88 0.00	44.53 0.87 0.00	54.51 1.07 0.00	59.23 0.99 0.00	62.95 1.11 0.00	68.88 1.35 0.00	98.75 2.31 0.00	114.12 2.78 0.00	121.30 3.42 8.88	138.38 2.45 -33.66	107.11 1.60 -29.28	90.00 1.02 -29.24	57.57 1.07 0.00	46.43 0.91 0.00	41.50 0.85 0.00
ALBANY___3 23573	38.82 0.95 0.00	36.66 0.68 0.00	34.63 0.68 0.00	32.56 0.64 0.00	32.02 0.63 0.00	34.02 0.70 0.00	36.49 0.65 0.00	37.63 0.77 0.00	39.55 0.81 0.00	42.73 0.88 0.00	44.53 0.87 0.00	54.51 1.07 0.00	59.23 0.99 0.00	62.95 1.11 0.00	68.88 1.35 0.00	98.75 2.31 0.00	114.12 2.78 0.00	121.30 3.42 8.88	138.38 2.45 -33.66	107.11 1.60 -29.28	90.00 1.02 -29.24	57.57 1.07 0.00	46.43 0.91 0.00	41.50 0.85 0.00
ALBANY___4 23574	38.82 0.95 0.00	36.66 0.68 0.00	34.63 0.68 0.00	32.56 0.64 0.00	32.02 0.63 0.00	34.02 0.70 0.00	36.49 0.65 0.00	37.63 0.77 0.00	39.55 0.81 0.00	42.73 0.88 0.00	44.53 0.87 0.00	54.51 1.07 0.00	59.23 0.99 0.00	62.95 1.11 0.00	68.88 1.35 0.00	98.75 2.31 0.00	114.12 2.78 0.00	121.30 3.42 8.88	138.38 2.45 -33.66	107.11 1.60 -29.28	90.00 1.02 -29.24	57.57 1.07 0.00	46.43 0.91 0.00	41.50 0.85 0.00
ALBANY___LFGE 323615	39.31 1.44 0.00	37.16 1.19 0.00	35.03 1.09 0.00	32.94 1.02 0.00	32.37 0.97 0.00	34.39 1.07 0.00	37.00 1.15 0.00	38.07 1.21 0.00	40.09 1.35 0.00	43.35 1.50 0.00	45.18 1.53 0.00	55.31 1.87 0.00	60.11 1.86 0.00	64.00 2.16 0.00	70.03 2.50 0.00	100.39 3.96 0.00	116.01 4.68 0.00	132.33 5.57 0.00	149.08 4.19 -42.62	116.28 2.97 -37.07	98.85 2.09 -37.02	58.47 1.98 0.00	47.11 1.59 0.00	42.03 1.38 0.00
ALCOA_PA_115KV_PL-6C 55860	37.07 -0.80 0.00	35.72 -0.25 0.00	33.74 -0.20 0.00	31.63 -0.29 0.00	31.14 -0.25 0.00	33.06 -0.27 0.00	35.60 -0.25 0.00	36.16 -0.70 0.00	37.61 -1.12 0.00	40.34 -1.51 0.00	41.99 -1.66 0.00	51.03 -2.40 0.00	55.44 -2.80 0.01	56.94 -3.03 1.86	63.82 -3.71 0.00	91.23 -5.21 0.00	105.77 -5.57 0.00	120.30 -6.46 0.00	96.95 -5.32 0.00	72.12 -4.12 0.00	56.94 -2.81 0.00	54.18 -2.32 0.00	44.02 -1.50 0.00	39.19 -1.46 0.00
ALCOA_RYNLDS___DRP 24188	37.07 -0.80 0.00	35.72 -0.25 0.00	33.74 -0.20 0.00	31.63 -0.29 0.00	31.14 -0.25 0.00	33.06 -0.27 0.00	35.60 -0.25 0.00	36.16 -0.70 0.00	37.61 -1.12 0.00	40.34 -1.51 0.00	41.99 -1.66 0.00	51.03 -2.40 0.00	55.44 -2.80 0.01	56.94 -3.03 1.86	63.82 -3.71 0.00	91.23 -5.21 0.00	105.77 -5.57 0.00	120.30 -6.46 0.00	96.95 -5.32 0.00	72.12 -4.12 0.00	56.94 -2.81 0.00	54.18 -2.32 0.00	44.02 -1.50 0.00	39.19 -1.46 0.00
ALCOA___DSASP 323711	36.81 -1.06 0.00	35.65 -0.32 0.00	33.74 -0.20 0.00	31.63 -0.29 0.00	31.14 -0.25 0.00	33.05 -0.27 0.00	35.35 -0.50 0.00	36.16 -0.70 0.00	37.34 -1.39 0.00	40.34 -1.50 0.00	41.95 -1.70 0.00	51.04 -2.40 0.00	55.38 -2.85 0.01	56.94 -3.03 1.86	63.82 -3.71 0.00	91.23 -5.21 0.00	105.77 -5.56 0.00	120.16 -6.60 0.00	96.95 -5.32 0.00	72.19 -4.04 0.00	56.88 -2.87 0.00	54.12 -2.37 0.00	43.92 -1.59 0.00	39.27 -1.38 0.00
ALLEGHENY___COGEN 23514	39.12 1.25 0.00	36.48 0.50 0.00	33.95 0.00 0.00	31.66 -0.26 0.00	31.21 -0.19 0.00	33.36 0.03 0.00	36.10 0.25 0.00	37.08 0.22 0.00	38.97 0.23 0.00	42.01 0.17 0.00	44.00 0.35 0.00	54.35 0.91 0.00	55.28 -2.97 0.00	58.31 -3.52 0.00	63.88 -3.65 0.00	88.34 -8.10 0.00	101.21 -10.13 0.00	117.25 -9.51 0.00	97.36 -4.91 0.00	75.32 -0.91 0.00	61.18 1.43 0.00	56.84 0.34 0.00	48.62 3.10 0.00	43.66 3.01 0.00
ALTAMONT_115KV_TB 2 55880	39.19 1.33 0.00	37.05 1.08 0.00	35.00 1.05 0.00	32.91 0.99 0.00	32.37 0.97 0.00	34.36 1.03 0.00	36.93 1.08 0.00	38.04 1.18 0.00	39.97 1.24 0.00	43.14 1.30 0.00	44.96 1.31 0.00	55.04 1.60 0.00	59.88 1.63 0.00	63.57 1.73 0.00	69.56 2.03 0.00	99.62 3.18 0.00	115.24 3.79 -0.12	126.72 4.44 4.48	133.26 3.48 -27.51	102.23 2.44 -23.56	85.00 1.73 -23.53	58.19 1.69 0.00	46.98 1.46 0.00	41.95 1.30 0.00
ALTONA_WT_PWR 323606	37.22 -0.64 0.00	35.87 -0.11 0.00	33.91 -0.03 0.00	31.79 -0.13 0.00	31.30 -0.09 0.00	33.26 -0.07 0.00	35.67 -0.18 0.00	36.56 -0.30 0.00	38.23 -0.50 0.00	41.39 -0.46 0.00	43.08 -0.57 0.00	51.25 -2.19 0.00	55.03 -3.20 0.01	56.50 -3.40 1.93	63.28 -4.25 0.00	90.46 -5.98 0.00	105.00 -6.34 0.00	119.40 -7.36 0.00	96.14 -6.13 0.00	71.58 -4.65 0.00	56.52 -3.23 0.00	54.01 -2.48 0.00	44.61 -0.91 0.00	40.16 -0.49 0.00
AMERICAN_REF_FUEL 24010	37.45 -0.42 0.00	34.71 -1.26 0.00	32.28 -1.66 0.00	30.00 -1.91 0.00	29.61 -1.79 0.00	31.49 -1.83 0.00	34.27 -1.58 0.00	35.24 -1.62 0.00	38.23 -0.50 0.00	41.68 -0.17 0.00	44.04 0.39 0.00	54.88 1.44 0.00	60.34 2.09 0.00	63.26 1.42 0.00	68.68 1.15 0.00	95.09 -1.35 0.00	107.55 -3.79 0.00	123.60 -3.16 0.00	101.05 -1.22 0.00	77.84 1.60 0.00	62.37 2.63 0.00	57.74 1.24 0.00	46.16 0.64 0.00	42.07 1.42 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	39.69 1.82 0.00	36.66 0.68 0.00	34.01 0.07 0.00	31.66 -0.26 0.00	31.11 -0.28 0.00	33.22 -0.10 0.00	36.31 0.46 0.00	37.89 1.03 0.00	40.94 2.21 0.00	44.69 2.85 0.00	47.41 3.75 0.00	58.94 5.51 0.00	64.94 6.70 0.00	68.45 6.62 0.00	74.35 6.82 0.00	102.70 6.26 0.00	116.35 5.01 0.00	133.22 6.46 0.00	108.82 6.55 0.00	83.40 7.16 0.00	66.61 6.87 0.00	61.52 5.03 0.00	49.07 3.55 0.00	44.23 3.58 0.00
ARTHUR KILL_GT_1 23520	41.38 3.45 -0.06	38.61 2.62 -0.01	36.30 2.34 -0.01	34.22 2.30 -0.01	33.67 2.26 -0.01	35.76 2.43 -0.01	38.62 2.76 -0.01	39.92 3.06 0.00	42.17 3.45 0.01	44.98 3.55 0.42	45.34 3.49 1.81	46.02 4.12 11.54	46.22 4.78 16.80	48.58 4.88 18.13	57.67 6.01 15.87	88.15 9.74 18.02	105.37 11.36 17.33	121.84 12.05 16.96	98.44 9.00 12.83	68.22 5.79 13.81	50.11 3.46 13.10	45.46 3.73 14.76	45.53 3.19 3.17	43.87 3.21 -0.01
ARTHUR_KILL_2 23512	41.19 3.26 -0.06	38.46 2.48 -0.01	36.16 2.21 -0.01	34.10 2.17 -0.01	33.54 2.14 -0.01	35.63 2.30 -0.01	38.47 2.62 -0.01	39.77 2.91 0.00	42.02 3.29 0.01	44.82 3.39 0.42	45.16 3.32 1.81	45.80 3.90 11.54	45.87 4.42 16.80	48.21 4.51 18.13	57.34 5.67 15.87	87.58 9.17 18.02	104.80 10.80 17.33	121.07 11.28 16.96	97.83 8.39 12.83	67.68 5.26 13.81	49.75 3.10 13.10	45.18 3.45 14.76	45.30 2.96 3.17	43.67 3.01 -0.01
ARTHUR_KILL_3 23513	40.99 3.07 -0.05	38.20 2.23 0.00	35.88 1.93 0.00	33.86 1.95 0.00	33.28 1.88 0.00	35.29 1.97 0.00	38.22 2.37 0.00	39.66 2.80 0.00	42.06 3.33 0.00	44.78 3.35 0.41	45.13 3.28 1.80	45.76 3.85 11.53	45.76 4.31 16.79	48.28 4.58 18.13	57.41 5.74 15.86	87.49 9.06 18.01	104.60 10.58 17.32	121.08 11.28 16.96	97.73 8.28 12.82	67.77 5.33 13.80	49.82 3.16 13.09	45.13 3.39 14.75	45.13 2.78 3.17	43.42 2.77 0.00

ARTHUR_KILL_COGEN 323718	41.38 3.45 -0.06	38.61 2.62 -0.01	36.30 2.34 -0.01	34.22 2.30 -0.01	33.67 2.26 -0.01	35.76 2.43 -0.01	38.62 2.76 -0.01	39.92 3.06 0.00	42.17 3.45 0.01	44.98 3.55 0.42	45.34 3.49 1.81	46.02 4.12 11.54	46.22 4.78 16.80	48.58 4.88 18.13	57.67 6.01 15.87	88.15 9.74 18.02	105.37 11.36 17.33	121.84 12.05 16.96	98.44 9.00 12.83	68.22 5.79 13.81	50.11 3.46 13.10	45.46 3.73 14.76	45.53 3.19 3.17	43.87 3.21 -0.01
ASHOKAN____ 23654	40.60 2.73 0.00	38.38 2.41 0.00	36.05 2.11 0.00	33.90 1.98 0.00	33.31 1.92 0.00	35.29 1.97 0.00	37.68 1.83 0.00	38.70 1.84 0.00	40.86 2.13 0.00	44.19 2.34 0.00	46.10 2.44 0.00	56.06 2.62 0.00	61.04 2.80 0.00	65.17 3.34 0.00	71.72 4.19 0.00	103.09 6.65 0.00	120.11 10.36 1.58	130.62 12.29 8.43	118.84 4.61 -11.97	95.00 3.35 -15.42	77.23 2.09 -15.40	60.11 3.62 0.00	48.70 3.19 0.00	43.49 2.84 0.00
ASTORIA_EAST_ENERGY_CC1 323581	41.32 3.45 -0.01	38.61 2.62 -0.01	36.26 2.31 -0.01	34.22 2.30 -0.01	33.63 2.23 -0.01	35.62 2.30 0.00	38.29 2.44 0.00	39.58 2.73 0.01	42.06 3.33 0.01	45.23 3.39 0.01	46.92 3.28 0.01	57.12 3.68 0.01	62.90 4.66 0.01	66.65 4.83 0.01	73.53 6.01 0.01	105.98 9.55 0.01	122.25 10.92 0.01	139.20 11.53 -0.90	116.67 8.59 -5.81	86.93 5.64 -5.05	68.25 3.46 -5.04	60.11 3.62 0.01	48.62 3.10 0.00	43.91 3.25 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	41.32 3.45 -0.01	38.61 2.62 -0.01	36.26 2.31 -0.01	34.22 2.30 -0.01	33.63 2.23 -0.01	35.62 2.30 0.00	38.29 2.44 0.00	39.58 2.73 0.01	42.06 3.33 0.01	45.23 3.39 0.01	46.92 3.28 0.01	57.12 3.68 0.01	62.90 4.66 0.01	66.65 4.83 0.01	73.53 6.01 0.01	105.98 9.55 0.01	122.25 10.92 0.01	139.20 11.53 -0.90	116.67 8.59 -5.81	86.93 5.64 -5.05	68.25 3.46 -5.04	60.11 3.62 0.01	48.62 3.10 0.00	43.91 3.25 -0.01
ASTORIA_GT2_1 24094	41.28 3.41 -0.01	38.54 2.55 -0.01	36.30 2.34 -0.01	34.25 2.33 -0.01	33.66 2.26 -0.01	35.79 2.47 0.00	38.18 2.33 0.00	39.62 2.76 0.00	41.99 3.25 0.00	45.19 3.35 0.00	46.93 3.27 0.00	57.12 3.69 0.01	63.19 4.95 0.01	66.65 4.82 0.01	73.53 6.01 0.01	106.07 9.64 0.01	122.35 11.02 0.01	139.20 11.54 -0.90	116.77 8.69 -5.81	86.93 5.64 -5.05	68.31 3.52 -5.04	60.10 3.62 0.01	48.52 3.00 0.00	43.91 3.25 -0.01
ASTORIA_GT2_2 24095	41.28 3.41 -0.01	38.54 2.55 -0.01	36.30 2.34 -0.01	34.25 2.33 -0.01	33.66 2.26 -0.01	35.79 2.47 0.00	38.18 2.33 0.00	39.62 2.76 0.00	41.99 3.25 0.00	45.19 3.35 0.00	46.93 3.27 0.00	57.12 3.69 0.01	63.19 4.95 0.01	66.65 4.82 0.01	73.53 6.01 0.01	106.07 9.64 0.01	122.35 11.02 0.01	139.20 11.54 -0.90	116.77 8.69 -5.81	86.93 5.64 -5.05	68.31 3.52 -5.04	60.10 3.62 0.01	48.52 3.00 0.00	43.91 3.25 -0.01
ASTORIA_GT2_3 24096	41.28 3.41 -0.01	38.54 2.55 -0.01	36.30 2.34 -0.01	34.25 2.33 -0.01	33.66 2.26 -0.01	35.79 2.47 0.00	38.18 2.33 0.00	39.62 2.76 0.00	41.99 3.25 0.00	45.19 3.35 0.00	46.93 3.27 0.00	57.12 3.69 0.01	63.19 4.95 0.01	66.65 4.82 0.01	73.53 6.01 0.01	106.07 9.64 0.01	122.35 11.02 0.01	139.20 11.54 -0.90	116.77 8.69 -5.81	86.93 5.64 -5.05	68.31 3.52 -5.04	60.10 3.62 0.01	48.52 3.00 0.00	43.91 3.25 -0.01
ASTORIA_GT2_4 24097	41.28 3.41 -0.01	38.54 2.55 -0.01	36.30 2.34 -0.01	34.25 2.33 -0.01	33.66 2.26 -0.01	35.79 2.47 0.00	38.18 2.33 0.00	39.62 2.76 0.00	41.99 3.25 0.00	45.19 3.35 0.00	46.93 3.27 0.00	57.12 3.69 0.01	63.19 4.95 0.01	66.65 4.82 0.01	73.53 6.01 0.01	106.07 9.64 0.01	122.35 11.02 0.01	139.20 11.54 -0.90	116.77 8.69 -5.81	86.93 5.64 -5.05	68.31 3.52 -5.04	60.10 3.62 0.01	48.52 3.00 0.00	43.91 3.25 -0.01
ASTORIA_GT3_1 24098	41.28 3.41 -0.01	38.54 2.55 -0.01	36.30 2.34 -0.01	34.25 2.33 -0.01	33.66 2.26 -0.01	35.79 2.47 0.00	38.18 2.33 0.00	39.62 2.76 0.00	41.99 3.25 0.00	45.19 3.35 0.00	46.93 3.27 0.00	57.12 3.69 0.01	63.19 4.95 0.01	66.65 4.82 0.01	73.53 6.01 0.01	106.07 9.64 0.01	122.35 11.02 0.01	139.20 11.54 -0.90	116.77 8.69 -5.81	86.93 5.64 -5.05	68.31 3.52 -5.04	60.10 3.62 0.01	48.52 3.00 0.00	43.91 3.25 -0.01
ASTORIA_GT3_2 24099	41.28 3.41 -0.01	38.54 2.55 -0.01	36.30 2.34 -0.01	34.25 2.33 -0.01	33.66 2.26 -0.01	35.79 2.47 0.00	38.18 2.33 0.00	39.62 2.76 0.00	41.99 3.25 0.00	45.19 3.35 0.00	46.93 3.27 0.00	57.12 3.69 0.01	63.19 4.95 0.01	66.65 4.82 0.01	73.53 6.01 0.01	106.07 9.64 0.01	122.35 11.02 0.01	139.20 11.54 -0.90	116.77 8.69 -5.81	86.93 5.64 -5.05	68.31 3.52 -5.04	60.10 3.62 0.01	48.52 3.00 0.00	43.91 3.25 -0.01
ASTORIA_GT3_3 24100	41.28 3.41 -0.01	38.54 2.55 -0.01	36.30 2.34 -0.01	34.25 2.33 -0.01	33.66 2.26 -0.01	35.79 2.47 0.00	38.18 2.33 0.00	39.62 2.76 0.00	41.99 3.25 0.00	45.19 3.35 0.00	46.93 3.27 0.00	57.12 3.69 0.01	63.19 4.95 0.01	66.65 4.82 0.01	73.53 6.01 0.01	106.07 9.64 0.01	122.35 11.02 0.01	139.20 11.54 -0.90	116.77 8.69 -5.81	86.93 5.64 -5.05	68.31 3.52 -5.04	60.10 3.62 0.01	48.52 3.00 0.00	43.91 3.25 -0.01
ASTORIA_GT3_4 24101	41.28 3.41 -0.01	38.54 2.55 -0.01	36.30 2.34 -0.01	34.25 2.33 -0.01	33.66 2.26 -0.01	35.79 2.47 0.00	38.18 2.33 0.00	39.62 2.76 0.00	41.99 3.25 0.00	45.19 3.35 0.00	46.93 3.27 0.00	57.12 3.69 0.01	63.19 4.95 0.01	66.65 4.82 0.01	73.53 6.01 0.01	106.07 9.64 0.01	122.35 11.02 0.01	139.20 11.54 -0.90	116.77 8.69 -5.81	86.93 5.64 -5.05	68.31 3.52 -5.04	60.10 3.62 0.01	48.52 3.00 0.00	43.91 3.25 -0.01
ASTORIA_GT4_1 24102	41.28 3.41 -0.01	38.54 2.55 -0.01	36.30 2.34 -0.01	34.25 2.33 -0.01	33.66 2.26 -0.01	35.79 2.47 0.00	38.18 2.33 0.00	39.62 2.76 0.00	41.99 3.25 0.00	45.19 3.35 0.00	46.93 3.27 0.00	57.12 3.69 0.01	63.19 4.95 0.01	66.65 4.82 0.01	73.53 6.01 0.01	106.07 9.64 0.01	122.35 11.02 0.01	139.20 11.54 -0.90	116.77 8.69 -5.81	86.93 5.64 -5.05	68.31 3.52 -5.04	60.10 3.62 0.01	48.52 3.00 0.00	43.91 3.25 -0.01
ASTORIA_GT4_2 24103	41.28 3.41 -0.01	38.54 2.55 -0.01	36.30 2.34 -0.01	34.25 2.33 -0.01	33.66 2.26 -0.01	35.79 2.47 0.00	38.18 2.33 0.00	39.62 2.76 0.00	41.99 3.25 0.00	45.19 3.35 0.00	46.93 3.27 0.00	57.12 3.69 0.01	63.19 4.95 0.01	66.65 4.82 0.01	73.53 6.01 0.01	106.07 9.64 0.01	122.35 11.02 0.01	139.20 11.54 -0.90	116.77 8.69 -5.81	86.93 5.64 -5.05	68.31 3.52 -5.04	60.10 3.62 0.01	48.52 3.00 0.00	43.91 3.25 -0.01
ASTORIA_GT4_3 24104	41.28 3.41 -0.01	38.54 2.55 -0.01	36.30 2.34 -0.01	34.25 2.33 -0.01	33.66 2.26 -0.01	35.79 2.47 0.00	38.18 2.33 0.00	39.62 2.76 0.00	41.99 3.25 0.00	45.19 3.35 0.00	46.93 3.27 0.00	57.12 3.69 0.01	63.19 4.95 0.01	66.65 4.82 0.01	73.53 6.01 0.01	106.07 9.64 0.01	122.35 11.02 0.01	139.20 11.54 -0.90	116.77 8.69 -5.81	86.93 5.64 -5.05	68.31 3.52 -5.04	60.10 3.62 0.01	48.52 3.00 0.00	43.91 3.25 -0.01

ASTORIA_GT4_4 24105	41.28 3.41 -0.01	38.54 2.55 -0.01	36.30 2.34 -0.01	34.25 2.33 -0.01	33.66 2.26 -0.01	35.79 2.47 0.00	38.18 2.33 0.00	39.62 2.76 0.00	41.99 3.25 0.00	45.19 3.35 0.00	46.93 3.27 0.00	57.12 3.69 0.01	63.19 4.95 0.01	66.65 4.82 0.01	73.53 6.01 0.01	106.07 9.64 0.01	122.35 11.02 0.01	139.20 11.54 -0.90	116.77 8.69 -5.81	86.93 5.64 -5.05	68.31 3.52 -5.04	60.10 3.62 0.01	48.52 3.00 0.00	43.91 3.25 -0.01
ASTORIA_GT_1 23523	41.44 3.56 -0.01	38.71 2.73 -0.01	36.37 2.41 -0.01	34.32 2.39 -0.01	33.73 2.32 -0.01	35.72 2.40 0.00	38.40 2.55 0.00	39.73 2.88 0.01	42.17 3.45 0.01	45.39 3.55 0.01	47.05 3.41 0.01	57.33 3.90 0.01	63.13 4.89 0.01	66.90 5.07 0.01	73.80 6.28 0.01	106.37 9.94 0.01	122.69 11.36 0.01	139.71 12.05 -0.90	117.08 9.00 -5.81	87.24 5.95 -5.05	68.49 3.71 -5.04	60.33 3.84 0.01	48.75 3.23 0.00	44.03 3.37 -0.01
ASTORIA_GT_10 24110	41.21 3.33 -0.01	38.38 2.41 0.00	36.19 2.24 0.00	34.12 2.20 0.00	33.53 2.13 0.00	35.66 2.33 0.00	38.29 2.44 0.00	39.81 2.95 0.00	42.18 3.45 0.00	45.40 3.56 0.00	47.10 3.45 0.00	57.28 3.85 0.01	61.02 4.72 1.94	63.30 4.58 3.11	70.48 5.67 2.72	102.80 9.07 2.70	121.91 10.58 0.01	136.33 11.15 1.58	112.95 8.28 -2.39	80.84 5.26 0.65	58.66 3.17 4.26	54.30 3.33 5.52	48.43 2.91 0.00	43.78 3.13 0.00
ASTORIA_GT_11 24225	41.21 3.33 -0.01	38.38 2.41 0.00	36.19 2.24 0.00	34.12 2.20 0.00	33.53 2.13 0.00	35.66 2.33 0.00	38.29 2.44 0.00	39.81 2.95 0.00	42.18 3.45 0.00	45.40 3.56 0.00	47.10 3.45 0.00	57.28 3.85 0.01	61.02 4.72 1.94	63.30 4.58 3.11	70.48 5.67 2.72	102.80 9.07 2.70	121.91 10.58 0.01	136.33 11.15 1.58	112.95 8.28 -2.39	80.84 5.26 0.65	58.66 3.17 4.26	54.30 3.33 5.52	48.43 2.91 0.00	43.78 3.13 0.00
ASTORIA_GT_12 24226	41.21 3.33 -0.01	38.38 2.41 0.00	36.19 2.24 0.00	34.12 2.20 0.00	33.53 2.13 0.00	35.66 2.33 0.00	38.29 2.44 0.00	39.81 2.95 0.00	42.18 3.45 0.00	45.40 3.56 0.00	47.10 3.45 0.00	57.28 3.85 0.01	61.02 4.72 1.94	63.30 4.58 3.11	70.48 5.67 2.72	102.80 9.07 2.70	121.91 10.58 0.01	136.33 11.15 1.58	112.95 8.28 -2.39	80.84 5.26 0.65	58.66 3.17 4.26	54.30 3.33 5.52	48.43 2.91 0.00	43.78 3.13 0.00
ASTORIA_GT_13 24227	41.21 3.33 -0.01	38.38 2.41 0.00	36.19 2.24 0.00	34.12 2.20 0.00	33.53 2.13 0.00	35.66 2.33 0.00	38.29 2.44 0.00	39.81 2.95 0.00	42.18 3.45 0.00	45.40 3.56 0.00	47.10 3.45 0.00	57.28 3.85 0.01	61.02 4.72 1.94	63.30 4.58 3.11	70.48 5.67 2.72	102.80 9.07 2.70	121.91 10.58 0.01	136.33 11.15 1.58	112.95 8.28 -2.39	80.84 5.26 0.65	58.66 3.17 4.26	54.30 3.33 5.52	48.43 2.91 0.00	43.78 3.13 0.00
ASTORIA_GT_5 24106	41.36 3.48 -0.01	38.61 2.63 -0.01	36.36 2.41 -0.01	34.32 2.39 -0.01	33.73 2.32 -0.01	35.86 2.53 0.00	38.25 2.40 0.00	39.70 2.84 0.00	42.10 3.37 0.00	45.32 3.47 0.00	47.06 3.40 0.00	57.33 3.90 0.01	63.42 5.18 0.01	66.90 5.07 0.01	73.80 6.28 0.01	106.36 9.93 0.01	122.69 11.36 0.01	139.70 12.04 -0.90	117.08 9.00 -5.81	87.23 5.95 -5.05	68.49 3.70 -5.04	60.27 3.79 0.01	48.66 3.14 0.00	44.03 3.37 -0.01
ASTORIA_GT_7 24107	41.36 3.48 -0.01	38.61 2.63 -0.01	36.36 2.41 -0.01	34.32 2.39 -0.01	33.73 2.32 -0.01	35.86 2.53 0.00	38.25 2.40 0.00	39.70 2.84 0.00	42.10 3.37 0.00	45.32 3.47 0.00	47.06 3.40 0.00	57.33 3.90 0.01	63.42 5.18 0.01	66.90 5.07 0.01	73.80 6.28 0.01	106.36 9.93 0.01	122.69 11.36 0.01	139.70 12.04 -0.90	117.08 9.00 -5.81	87.23 5.95 -5.05	68.49 3.70 -5.04	60.27 3.79 0.01	48.66 3.14 0.00	44.03 3.37 -0.01
ASTORIA_GT_8 24108	41.36 3.48 -0.01	38.61 2.63 -0.01	36.36 2.41 -0.01	34.32 2.39 -0.01	33.73 2.32 -0.01	35.86 2.53 0.00	38.25 2.40 0.00	39.70 2.84 0.00	42.10 3.37 0.00	45.32 3.47 0.00	47.06 3.40 0.00	57.33 3.90 0.01	63.42 5.18 0.01	66.90 5.07 0.01	73.80 6.28 0.01	106.36 9.93 0.01	122.69 11.36 0.01	139.70 12.04 -0.90	117.08 9.00 -5.81	87.23 5.95 -5.05	68.49 3.70 -5.04	60.27 3.79 0.01	48.66 3.14 0.00	44.03 3.37 -0.01
ASTORIA___2 24149	41.32 3.45 -0.01	38.64 2.66 -0.01	36.30 2.34 -0.01	34.25 2.33 -0.01	33.67 2.26 -0.01	35.62 2.30 0.00	38.32 2.47 0.00	39.62 2.77 0.01	42.09 3.37 0.01	45.27 3.43 0.01	46.92 3.28 0.01	57.17 3.74 0.01	62.95 4.72 0.01	66.65 4.83 0.01	73.53 6.01 0.01	106.07 9.64 0.01	122.35 11.02 0.01	139.20 11.53 -0.90	116.77 8.69 -5.81	86.93 5.64 -5.05	68.31 3.52 -5.04	60.16 3.67 0.01	48.62 3.10 0.00	43.91 3.25 -0.01
ASTORIA___3 23516	41.25 3.37 -0.01	38.49 2.52 0.00	36.19 2.24 0.00	34.12 2.20 0.00	33.53 2.14 0.00	35.56 2.23 0.00	38.43 2.58 0.00	39.81 2.95 0.00	42.26 3.52 0.00	45.45 3.60 0.00	47.10 3.45 0.00	57.33 3.90 0.01	60.79 4.49 1.94	63.30 4.58 3.11	70.48 5.67 2.72	102.80 9.06 2.70	121.91 10.58 0.01	136.33 11.16 1.58	112.85 8.18 -2.39	80.84 5.26 0.65	58.65 3.16 4.26	54.36 3.39 5.52	48.52 3.00 0.00	43.78 3.13 0.00
ASTORIA___4 23517	41.21 3.33 -0.01	38.38 2.41 0.00	36.19 2.24 0.00	34.12 2.20 0.00	33.53 2.13 0.00	35.66 2.33 0.00	38.29 2.44 0.00	39.81 2.95 0.00	42.18 3.45 0.00	45.36 3.52 0.00	47.10 3.45 0.00	57.28 3.85 0.01	61.02 4.72 1.94	63.30 4.58 3.11	70.48 5.67 2.72	102.80 9.07 2.70	121.91 10.58 0.01	136.33 11.15 1.58	112.84 8.18 -2.39	80.84 5.26 0.65	58.66 3.17 4.26	54.30 3.33 5.52	48.43 2.91 0.00	43.78 3.13 0.00
ASTORIA___5 23518	41.25 3.37 -0.01	38.49 2.52 0.00	36.19 2.24 0.00	34.12 2.20 0.00	33.53 2.14 0.00	35.56 2.23 0.00	38.43 2.58 0.00	39.81 2.95 0.00	42.26 3.52 0.00	45.45 3.60 0.00	47.10 3.45 0.00	57.33 3.90 0.01	60.79 4.49 1.94	63.30 4.58 3.11	70.48 5.67 2.72	102.80 9.06 2.70	121.91 10.58 0.01	136.33 11.16 1.58	112.85 8.18 -2.39	80.84 5.26 0.65	58.65 3.16 4.26	54.36 3.39 5.52	48.52 3.00 0.00	43.78 3.13 0.00
AST_ENERGY_2_CC3 323677	41.01 3.14 0.00	38.31 2.34 0.00	35.98 2.04 0.00	33.96 2.04 0.00	33.38 1.98 0.00	35.39 2.07 0.00	38.29 2.44 0.00	39.72 2.88 0.02	42.16 3.45 0.02	45.39 3.55 0.02	47.13 3.49 0.02	57.54 4.12 0.02	62.83 4.60 0.02	66.70 4.88 0.02	73.60 6.08 0.02	105.88 9.46 0.02	122.45 11.13 0.02	139.44 11.79 -0.89	116.87 8.80 -5.80	86.92 5.64 -5.04	68.24 3.46 -5.04	60.15 3.67 0.02	48.51 3.00 0.01	43.54 2.89 0.00
AST_ENERGY_2_CC4 323678	41.01 3.14 0.00	38.31 2.34 0.00	35.98 2.04 0.00	33.96 2.04 0.00	33.38 1.98 0.00	35.39 2.07 0.00	38.29 2.44 0.00	39.72 2.88 0.02	42.16 3.45 0.02	45.39 3.55 0.02	47.13 3.49 0.02	57.54 4.12 0.02	62.83 4.60 0.02	66.70 4.88 0.02	73.60 6.08 0.02	105.88 9.46 0.02	122.45 11.13 0.02	139.44 11.79 -0.89	116.87 8.80 -5.80	86.92 5.64 -5.04	68.24 3.46 -5.04	60.15 3.67 0.02	48.51 3.00 0.01	43.54 2.89 0.00

ATHENS_STG_1 23668	39.34 1.48 0.00	37.12 1.15 0.00	35.07 1.12 0.00	33.03 1.12 0.00	32.46 1.07 0.00	34.46 1.13 0.00	37.18 1.33 0.00	38.33 1.48 0.00	40.32 1.59 0.00	43.52 1.68 0.00	45.31 1.66 0.00	55.42 1.98 0.00	60.46 2.21 0.00	64.18 2.35 0.00	70.30 2.77 0.00	100.78 4.34 0.00	116.46 5.12 0.00	132.33 5.57 0.00	110.94 4.29 -4.37	82.86 2.82 -3.80	65.40 1.85 -3.80	58.47 1.98 0.00	47.07 1.55 0.00	41.99 1.34 0.00
ATHENS_STG_2 23670	39.34 1.48 0.00	37.12 1.15 0.00	35.07 1.12 0.00	33.03 1.12 0.00	32.46 1.07 0.00	34.46 1.13 0.00	37.18 1.33 0.00	38.33 1.48 0.00	40.32 1.59 0.00	43.52 1.68 0.00	45.31 1.66 0.00	55.42 1.98 0.00	60.46 2.21 0.00	64.18 2.35 0.00	70.30 2.77 0.00	100.78 4.34 0.00	116.46 5.12 0.00	132.33 5.57 0.00	110.94 4.29 -4.37	82.86 2.82 -3.80	65.40 1.85 -3.80	58.47 1.98 0.00	47.07 1.55 0.00	41.99 1.34 0.00
ATHENS_STG_3 23677	39.34 1.48 0.00	37.12 1.15 0.00	35.07 1.12 0.00	33.03 1.12 0.00	32.46 1.07 0.00	34.46 1.13 0.00	37.18 1.33 0.00	38.33 1.48 0.00	40.32 1.59 0.00	43.52 1.68 0.00	45.31 1.66 0.00	55.42 1.98 0.00	60.46 2.21 0.00	64.18 2.35 0.00	70.30 2.77 0.00	100.78 4.34 0.00	116.46 5.12 0.00	132.33 5.57 0.00	110.94 4.29 -4.37	82.86 2.82 -3.80	65.40 1.85 -3.80	58.47 1.98 0.00	47.07 1.55 0.00	41.99 1.34 0.00
AUBURN___LFGE 323710	38.50 0.53 -0.10	36.42 0.29 -0.16	34.11 0.10 -0.06	31.92 0.00 0.00	31.40 0.00 0.00	33.36 0.03 0.00	36.13 0.18 -0.10	37.52 0.66 0.00	39.55 0.81 0.00	43.16 1.05 -0.27	44.86 1.18 -0.03	56.31 1.87 -1.00	61.42 1.98 -1.20	64.52 2.23 -0.46	70.60 2.43 -0.64	103.03 2.89 -3.69	120.09 2.89 -5.86	137.24 3.55 -6.93	109.99 3.17 -4.55	79.90 2.90 -0.76	62.25 2.51 0.00	58.98 2.03 -0.45	46.84 1.32 0.00	41.79 1.14 0.00
BABYLON_RES_REC 323704	44.95 3.86 -3.22	43.46 3.09 -4.39	39.92 2.78 -3.19	36.86 2.68 -2.26	34.94 2.64 -0.90	38.07 2.76 -1.98	39.08 3.23 0.00	41.36 3.28 -1.23	43.35 3.72 -0.90	45.40 3.55 0.00	47.41 3.75 0.00	64.80 4.33 -7.04	70.26 5.01 -7.00	88.60 5.63 -21.14	100.40 6.89 -25.98	129.93 10.51 -22.97	156.43 12.36 -32.73	176.17 13.43 -35.98	159.24 10.33 -46.64	90.92 6.94 -7.75	71.64 4.54 -7.36	71.15 4.46 -10.20	48.76 3.23 0.00	43.25 2.60 0.00
BABYLON__69_KV_BK2 356345	45.48 4.39 -3.22	43.89 3.53 -4.39	40.39 3.26 -3.19	37.34 3.16 -2.26	35.38 3.08 -0.90	38.60 3.30 -1.98	39.33 3.48 0.00	42.18 4.09 -1.23	44.24 4.61 -0.90	46.41 4.56 0.00	48.60 4.93 -0.01	68.35 5.93 -8.98	71.21 6.81 -6.15	88.07 7.48 -18.75	99.69 8.91 -23.25	130.97 13.41 -21.12	157.56 15.59 -30.63	184.25 17.24 -40.25	162.68 13.40 -47.01	98.94 9.30 -13.41	74.57 6.39 -8.44	72.80 6.10 -10.20	49.90 4.37 -0.01	44.35 3.70 0.00
BALL_HILL_WT_PWR 323825	38.85 0.98 0.00	35.97 0.00 0.00	33.44 -0.51 0.00	31.12 -0.80 0.00	30.64 -0.75 0.00	32.69 -0.63 0.00	35.67 -0.18 0.00	37.04 0.19 0.00	40.05 1.32 0.00	43.64 1.80 0.00	46.18 2.53 0.00	57.50 4.06 0.00	63.25 5.01 0.00	66.60 4.76 0.00	72.33 4.80 0.00	100.10 3.66 0.00	113.45 2.11 0.00	129.93 3.17 0.00	106.16 3.89 0.00	81.34 5.11 0.00	65.00 5.26 0.00	60.17 3.67 0.00	48.02 2.50 0.00	43.45 2.80 0.00
BARON_WINDS___WT_PWR 323822	38.69 0.80 -0.03	36.12 0.11 -0.04	33.69 -0.27 -0.01	31.47 -0.45 0.00	30.96 -0.44 0.00	33.02 -0.30 0.00	35.98 0.11 -0.02	37.34 0.48 0.00	39.86 1.12 0.00	43.38 1.46 -0.07	45.63 1.97 -0.01	56.79 3.10 -0.25	62.22 3.67 -0.30	65.47 3.52 -0.11	71.40 3.71 -0.16	100.45 3.09 -0.93	115.25 2.45 -1.47	131.79 3.29 -1.74	107.09 3.68 -1.14	80.85 4.42 -0.19	64.05 4.30 0.00	59.77 3.16 -0.11	47.84 2.32 0.00	42.92 2.28 0.00
BARRETT_IC_1 23704	44.57 3.48 -3.22	43.10 2.73 -4.39	39.55 2.41 -3.19	36.60 2.42 -2.26	34.66 2.36 -0.90	37.77 2.47 -1.98	38.75 2.90 0.00	41.29 3.21 -1.23	43.32 3.68 -0.90	45.45 3.60 0.00	47.15 3.49 0.00	58.48 4.22 -0.82	64.00 4.72 -1.04	71.25 5.07 -4.35	80.47 6.14 -6.79	115.96 9.55 -9.97	138.52 11.24 -15.94	164.61 12.05 -25.80	139.91 9.10 -28.54	87.30 6.02 -5.05	70.46 3.88 -6.83	70.81 4.12 -10.20	48.48 2.96 0.00	43.09 2.44 0.00
BARRETT_IC_10 23701	44.57 3.48 -3.22	43.10 2.73 -4.39	39.55 2.41 -3.19	36.60 2.42 -2.26	34.66 2.36 -0.90	37.77 2.47 -1.98	38.75 2.90 0.00	41.29 3.21 -1.23	43.32 3.68 -0.90	45.45 3.60 0.00	47.15 3.49 0.00	58.48 4.22 -0.82	64.00 4.72 -1.04	71.25 5.07 -4.35	80.47 6.14 -6.79	115.96 9.55 -9.97	138.52 11.24 -15.94	164.61 12.05 -25.80	139.91 9.10 -28.54	87.30 6.02 -5.05	70.46 3.88 -6.83	70.81 4.12 -10.20	48.48 2.96 0.00	43.09 2.44 0.00
BARRETT_IC_11 23702	44.57 3.48 -3.22	43.10 2.73 -4.39	39.55 2.41 -3.19	36.60 2.42 -2.26	34.66 2.36 -0.90	37.77 2.47 -1.98	38.75 2.90 0.00	41.29 3.21 -1.23	43.32 3.68 -0.90	45.45 3.60 0.00	47.15 3.49 0.00	58.48 4.22 -0.82	64.00 4.72 -1.04	71.25 5.07 -4.35	80.47 6.14 -6.79	115.96 9.55 -9.97	138.52 11.24 -15.94	164.61 12.05 -25.80	139.91 9.10 -28.54	87.30 6.02 -5.05	70.46 3.88 -6.83	70.81 4.12 -10.20	48.48 2.96 0.00	43.09 2.44 0.00
BARRETT_IC_12 23703	44.57 3.48 -3.22	43.10 2.73 -4.39	39.55 2.41 -3.19	36.60 2.42 -2.26	34.66 2.36 -0.90	37.77 2.47 -1.98	38.75 2.90 0.00	41.29 3.21 -1.23	43.32 3.68 -0.90	45.45 3.60 0.00	47.15 3.49 0.00	58.48 4.22 -0.82	64.00 4.72 -1.04	71.25 5.07 -4.35	80.47 6.14 -6.79	115.96 9.55 -9.97	138.52 11.24 -15.94	164.61 12.05 -25.80	139.91 9.10 -28.54	87.30 6.02 -5.05	70.46 3.88 -6.83	70.81 4.12 -10.20	48.48 2.96 0.00	43.09 2.44 0.00
BARRETT_IC_2 23705	44.57 3.48 -3.22	43.10 2.73 -4.39	39.55 2.41 -3.19	36.60 2.42 -2.26	34.66 2.36 -0.90	37.77 2.47 -1.98	38.75 2.90 0.00	41.29 3.21 -1.23	43.32 3.68 -0.90	45.45 3.60 0.00	47.15 3.49 0.00	58.48 4.22 -0.82	64.00 4.72 -1.04	71.25 5.07 -4.35	80.47 6.14 -6.79	115.96 9.55 -9.97	138.52 11.24 -15.94	164.61 12.05 -25.80	139.91 9.10 -28.54	87.30 6.02 -5.05	70.46 3.88 -6.83	70.81 4.12 -10.20	48.48 2.96 0.00	43.09 2.44 0.00
BARRETT_IC_3 23706	44.57 3.48 -3.22	43.10 2.73 -4.39	39.55 2.41 -3.19	36.60 2.42 -2.26	34.66 2.36 -0.90	37.77 2.47 -1.98	38.75 2.90 0.00	41.29 3.21 -1.23	43.32 3.68 -0.90	45.45 3.60 0.00	47.15 3.49 0.00	58.48 4.22 -0.82	64.00 4.72 -1.04	71.25 5.07 -4.35	80.47 6.14 -6.79	115.96 9.55 -9.97	138.52 11.24 -15.94	164.61 12.05 -25.80	139.91 9.10 -28.54	87.30 6.02 -5.05	70.46 3.88 -6.83	70.81 4.12 -10.20	48.48 2.96 0.00	43.09 2.44 0.00
BARRETT_IC_4 23707	44.57 3.48 -3.22	43.10 2.73 -4.39	39.55 2.41 -3.19	36.60 2.42 -2.26	34.66 2.36 -0.90	37.77 2.47 -1.98	38.75 2.90 0.00	41.29 3.21 -1.23	43.32 3.68 -0.90	45.45 3.60 0.00	47.15 3.49 0.00	58.48 4.22 -0.82	64.00 4.72 -1.04	71.25 5.07 -4.35	80.47 6.14 -6.79	115.96 9.55 -9.97	138.52 11.24 -15.94	164.61 12.05 -25.80	139.91 9.10 -28.54	87.30 6.02 -5.05	70.46 3.88 -6.83	70.81 4.12 -10.20	48.48 2.96 0.00	43.09 2.44 0.00

BARRETT_IC_5 23708	44.57 3.48 -3.22	43.10 2.73 -4.39	39.55 2.41 -3.19	36.60 2.42 -2.26	34.66 2.36 -0.90	37.77 2.47 -1.98	38.75 2.90 0.00	41.29 3.21 -1.23	43.32 3.68 -0.90	45.45 3.60 0.00	47.15 3.49 0.00	58.48 4.22 -0.82	64.00 4.72 -1.04	71.25 5.07 -4.35	80.47 6.14 -6.79	115.96 9.55 -9.97	138.52 11.24 -15.94	164.61 12.05 -25.80	139.91 9.10 -28.54	87.30 6.02 -5.05	70.46 3.88 -6.83	70.81 4.12 -10.20	48.48 2.96 0.00	43.09 2.44 0.00
BARRETT_IC_6 23709	44.57 3.48 -3.22	43.10 2.73 -4.39	39.55 2.41 -3.19	36.60 2.42 -2.26	34.66 2.36 -0.90	37.77 2.47 -1.98	38.75 2.90 0.00	41.29 3.21 -1.23	43.32 3.68 -0.90	45.45 3.60 0.00	47.15 3.49 0.00	58.48 4.22 -0.82	64.00 4.72 -1.04	71.25 5.07 -4.35	80.47 6.14 -6.79	115.96 9.55 -9.97	138.52 11.24 -15.94	164.61 12.05 -25.80	139.91 9.10 -28.54	87.30 6.02 -5.05	70.46 3.88 -6.83	70.81 4.12 -10.20	48.48 2.96 0.00	43.09 2.44 0.00
BARRETT_IC_7 23710	44.53 3.45 -3.22	42.99 2.63 -4.39	39.55 2.41 -3.19	36.60 2.43 -2.26	34.65 2.35 -0.90	37.87 2.57 -1.98	38.57 2.72 0.00	41.29 3.21 -1.23	43.24 3.60 -0.90	45.40 3.56 0.00	47.19 3.54 0.00	58.48 4.22 -0.82	64.12 4.83 -1.04	71.25 5.07 -4.35	80.47 6.15 -6.79	115.95 9.55 -9.97	138.53 11.25 -15.94	164.61 12.04 -25.80	139.91 9.10 -28.54	87.31 6.02 -5.06	70.47 3.88 -6.84	70.76 4.07 -10.20	48.43 2.91 0.00	43.25 2.60 0.00
BARRETT_IC_8 23711	44.57 3.48 -3.22	43.10 2.73 -4.39	39.55 2.41 -3.19	36.60 2.42 -2.26	34.66 2.36 -0.90	37.77 2.47 -1.98	38.75 2.90 0.00	41.29 3.21 -1.23	43.32 3.68 -0.90	45.45 3.60 0.00	47.15 3.49 0.00	58.48 4.22 -0.82	64.00 4.72 -1.04	71.25 5.07 -4.35	80.47 6.14 -6.79	115.96 9.55 -9.97	138.52 11.24 -15.94	164.61 12.05 -25.80	139.91 9.10 -28.54	87.30 6.02 -5.05	70.46 3.88 -6.83	70.81 4.12 -10.20	48.48 2.96 0.00	43.09 2.44 0.00
BARRETT_IC_9 23700	44.57 3.48 -3.22	43.10 2.73 -4.39	39.55 2.41 -3.19	36.60 2.42 -2.26	34.66 2.36 -0.90	37.77 2.47 -1.98	38.75 2.90 0.00	41.29 3.21 -1.23	43.32 3.68 -0.90	45.45 3.60 0.00	47.15 3.49 0.00	58.48 4.22 -0.82	64.00 4.72 -1.04	71.25 5.07 -4.35	80.47 6.14 -6.79	115.96 9.55 -9.97	138.52 11.24 -15.94	164.61 12.05 -25.80	139.91 9.10 -28.54	87.30 6.02 -5.05	70.46 3.88 -6.83	70.81 4.12 -10.20	48.48 2.96 0.00	43.09 2.44 0.00
BARRETT___1 23545	44.57 3.48 -3.22	43.10 2.73 -4.39	39.55 2.41 -3.19	36.60 2.42 -2.26	34.66 2.36 -0.90	37.77 2.47 -1.98	38.75 2.90 0.00	41.29 3.21 -1.23	43.32 3.68 -0.90	45.45 3.60 0.00	47.15 3.49 0.00	58.48 4.22 -0.82	64.00 4.72 -1.04	71.25 5.07 -4.35	80.47 6.14 -6.79	115.96 9.55 -9.97	138.52 11.24 -15.94	164.61 12.05 -25.80	139.91 9.10 -28.54	87.30 6.02 -5.05	70.46 3.88 -6.83	70.81 4.12 -10.20	48.48 2.96 0.00	43.09 2.44 0.00
BARRETT___2 23546	44.57 3.48 -3.22	43.10 2.73 -4.39	39.55 2.41 -3.19	36.60 2.42 -2.26	34.66 2.36 -0.90	37.77 2.47 -1.98	38.75 2.90 0.00	41.29 3.21 -1.23	43.32 3.68 -0.90	45.45 3.60 0.00	47.15 3.49 0.00	58.48 4.22 -0.82	64.00 4.72 -1.04	71.25 5.07 -4.35	80.47 6.14 -6.79	115.96 9.55 -9.97	138.52 11.24 -15.94	164.61 12.05 -25.80	139.91 9.10 -28.54	87.30 6.02 -5.05	70.46 3.88 -6.83	70.81 4.12 -10.20	48.48 2.96 0.00	43.09 2.44 0.00
BATAVIA__115KV_TB1 55881	38.89 1.02 0.00	36.19 0.22 0.00	33.64 -0.31 0.00	31.28 -0.64 0.00	30.86 -0.53 0.00	32.59 -0.73 0.00	35.10 -0.75 0.00	37.12 0.26 0.00	39.97 1.24 0.00	43.48 1.63 0.00	45.97 2.31 0.00	57.18 3.74 0.00	61.97 3.73 0.00	66.10 4.27 0.00	71.65 4.12 0.00	99.72 3.28 0.00	113.01 1.67 0.00	130.06 3.30 0.00	106.36 4.09 0.00	81.49 5.26 0.00	65.36 5.62 0.00	60.51 4.01 0.00	48.20 2.69 0.00	43.74 3.09 0.00
BAYONEEC___CTG1 323682	41.05 3.18 0.00	38.35 2.37 0.00	36.05 2.11 0.00	33.99 2.07 0.00	33.41 2.01 0.00	35.42 2.10 0.00	38.36 2.51 0.00	39.81 2.95 0.00	42.22 3.49 0.00	45.45 3.60 0.00	47.19 3.53 0.00	46.09 4.17 11.52	46.11 4.66 16.79	48.66 4.95 18.13	57.75 6.08 15.86	87.98 9.55 18.01	105.26 11.24 17.32	121.72 11.91 16.96	98.34 8.89 12.82	68.15 5.72 13.80	50.15 3.46 13.06	46.09 3.67 14.08	45.36 3.00 3.17	43.58 2.93 0.00
BAYONEEC___CTG10 323750	41.05 3.18 0.00	38.35 2.37 0.00	36.05 2.11 0.00	33.99 2.07 0.00	33.41 2.01 0.00	35.42 2.10 0.00	38.36 2.51 0.00	39.81 2.95 0.00	42.22 3.49 0.00	45.45 3.60 0.00	47.19 3.53 0.00	46.09 4.17 11.52	46.11 4.66 16.79	48.66 4.95 18.13	57.75 6.08 15.86	87.98 9.55 18.01	105.26 11.24 17.32	121.72 11.91 16.96	98.34 8.89 12.82	68.15 5.72 13.80	50.15 3.46 13.06	46.09 3.67 14.08	45.36 3.00 3.17	43.58 2.93 0.00
BAYONEEC___CTG2 323683	41.05 3.18 0.00	38.35 2.37 0.00	36.05 2.11 0.00	33.99 2.07 0.00	33.41 2.01 0.00	35.42 2.10 0.00	38.36 2.51 0.00	39.81 2.95 0.00	42.22 3.49 0.00	45.45 3.60 0.00	47.19 3.53 0.00	46.09 4.17 11.52	46.11 4.66 16.79	48.66 4.95 18.13	57.75 6.08 15.86	87.98 9.55 18.01	105.26 11.24 17.32	121.72 11.91 16.96	98.34 8.89 12.82	68.15 5.72 13.80	50.15 3.46 13.06	46.09 3.67 14.08	45.36 3.00 3.17	43.58 2.93 0.00
BAYONEEC___CTG3 323684	41.05 3.18 0.00	38.35 2.37 0.00	36.05 2.11 0.00	33.99 2.07 0.00	33.41 2.01 0.00	35.42 2.10 0.00	38.36 2.51 0.00	39.81 2.95 0.00	42.22 3.49 0.00	45.45 3.60 0.00	47.19 3.53 0.00	46.09 4.17 11.52	46.11 4.66 16.79	48.66 4.95 18.13	57.75 6.08 15.86	87.98 9.55 18.01	105.26 11.24 17.32	121.72 11.91 16.96	98.34 8.89 12.82	68.15 5.72 13.80	50.15 3.46 13.06	46.09 3.67 14.08	45.36 3.00 3.17	43.58 2.93 0.00
BAYONEEC___CTG4 323685	41.05 3.18 0.00	38.35 2.37 0.00	36.05 2.11 0.00	33.99 2.07 0.00	33.41 2.01 0.00	35.42 2.10 0.00	38.36 2.51 0.00	39.81 2.95 0.00	42.22 3.49 0.00	45.45 3.60 0.00	47.19 3.53 0.00	46.09 4.17 11.52	46.11 4.66 16.79	48.66 4.95 18.13	57.75 6.08 15.86	87.98 9.55 18.01	105.26 11.24 17.32	121.72 11.91 16.96	98.34 8.89 12.82	68.15 5.72 13.80	50.15 3.46 13.06	46.09 3.67 14.08	45.36 3.00 3.17	43.58 2.93 0.00
BAYONEEC___CTG5 323686	41.05 3.18 0.00	38.35 2.37 0.00	36.05 2.11 0.00	33.99 2.07 0.00	33.41 2.01 0.00	35.42 2.10 0.00	38.36 2.51 0.00	39.81 2.95 0.00	42.22 3.49 0.00	45.45 3.60 0.00	47.19 3.53 0.00	46.09 4.17 11.52	46.11 4.66 16.79	48.66 4.95 18.13	57.75 6.08 15.86	87.98 9.55 18.01	105.26 11.24 17.32	121.72 11.91 16.96	98.34 8.89 12.82	68.15 5.72 13.80	50.15 3.46 13.06	46.09 3.67 14.08	45.36 3.00 3.17	43.58 2.93 0.00
BAYONEEC___CTG6 323687	41.05 3.18 0.00	38.35 2.37 0.00	36.05 2.11 0.00	33.99 2.07 0.00	33.41 2.01 0.00	35.42 2.10 0.00	38.36 2.51 0.00	39.81 2.95 0.00	42.22 3.49 0.00	45.45 3.60 0.00	47.19 3.53 0.00	46.09 4.17 11.52	46.11 4.66 16.79	48.66 4.95 18.13	57.75 6.08 15.86	87.98 9.55 18.01	105.26 11.24 17.32	121.72 11.91 16.96	98.34 8.89 12.82	68.15 5.72 13.80	50.15 3.46 13.06	46.09 3.67 14.08	45.36 3.00 3.17	43.58 2.93 0.00

BAYONEEC___CTG7 323688	41.05 3.18 0.00	38.35 2.37 0.00	36.05 2.11 0.00	33.99 2.07 0.00	33.41 2.01 0.00	35.42 2.10 0.00	38.36 2.51 0.00	39.81 2.95 0.00	42.22 3.49 0.00	45.45 3.60 0.00	47.19 3.53 0.00	46.09 4.17 11.52	46.11 4.66 16.79	48.66 4.95 18.13	57.75 6.08 15.86	87.98 9.55 18.01	105.26 11.24 17.32	121.72 11.91 16.96	98.34 8.89 12.82	68.15 5.72 13.80	50.15 3.46 13.06	46.09 3.67 14.08	45.36 3.00 3.17	43.58 2.93 0.00
BAYONEEC___CTG8 323689	41.05 3.18 0.00	38.35 2.37 0.00	36.05 2.11 0.00	33.99 2.07 0.00	33.41 2.01 0.00	35.42 2.10 0.00	38.36 2.51 0.00	39.81 2.95 0.00	42.22 3.49 0.00	45.45 3.60 0.00	47.19 3.53 0.00	46.09 4.17 11.52	46.11 4.66 16.79	48.66 4.95 18.13	57.75 6.08 15.86	87.98 9.55 18.01	105.26 11.24 17.32	121.72 11.91 16.96	98.34 8.89 12.82	68.15 5.72 13.80	50.15 3.46 13.06	46.09 3.67 14.08	45.36 3.00 3.17	43.58 2.93 0.00
BAYONEEC___CTG9 323749	41.05 3.18 0.00	38.35 2.37 0.00	36.05 2.11 0.00	33.99 2.07 0.00	33.41 2.01 0.00	35.42 2.10 0.00	38.36 2.51 0.00	39.81 2.95 0.00	42.22 3.49 0.00	45.45 3.60 0.00	47.19 3.53 0.00	46.09 4.17 11.52	46.11 4.66 16.79	48.66 4.95 18.13	57.75 6.08 15.86	87.98 9.55 18.01	105.26 11.24 17.32	121.72 11.91 16.96	98.34 8.89 12.82	68.15 5.72 13.80	50.15 3.46 13.06	46.09 3.67 14.08	45.36 3.00 3.17	43.58 2.93 0.00
BEACON___LESR 323632	39.53 1.66 0.00	37.38 1.40 0.00	35.20 1.26 0.00	33.10 1.18 0.00	32.52 1.13 0.00	34.56 1.23 0.00	37.18 1.33 0.00	38.26 1.40 0.00	40.32 1.59 0.00	43.56 1.72 0.00	45.40 1.75 0.00	55.63 2.19 0.00	60.34 2.09 0.00	64.31 2.48 0.00	70.43 2.90 0.00	101.07 4.63 0.00	116.79 5.45 0.00	118.34 6.59 15.00	141.56 5.01 -34.28	109.56 3.51 -29.82	92.03 2.51 -29.78	58.87 2.37 0.00	47.47 1.96 0.00	42.36 1.71 0.00
BEAVER RIVER___HYD 24048	37.93 0.00 -0.06	36.07 0.00 -0.09	33.95 -0.03 -0.03	31.88 -0.03 0.00	31.30 -0.09 0.00	33.19 -0.13 0.00	35.91 0.00 -0.06	36.90 0.04 0.00	38.50 -0.23 0.00	41.62 -0.38 -0.15	43.19 -0.48 -0.02	53.59 -0.43 -0.58	58.41 -0.53 -0.70	60.95 -0.62 0.27	67.10 -0.81 -0.37	97.63 -0.96 -2.15	113.53 -1.22 -3.41	129.92 -0.88 -4.04	104.62 -0.31 -2.65	76.99 0.31 -0.45	60.34 0.60 0.00	57.26 0.51 -0.26	45.75 0.23 0.00	40.53 -0.12 0.00
BEEBEE_GT_13 23619	38.40 0.53 0.00	35.97 0.00 0.00	33.57 -0.37 0.00	31.31 -0.61 0.00	30.86 -0.53 0.00	32.62 -0.70 0.00	35.13 -0.72 0.00	36.90 0.04 0.00	39.43 0.70 0.00	42.89 1.05 0.00	45.18 1.53 0.00	56.06 2.62 0.00	60.81 2.91 0.00	64.74 2.84 0.00	70.37 2.84 0.00	98.85 2.41 0.00	112.56 1.22 0.00	129.17 2.41 0.00	104.93 2.66 0.00	79.66 3.43 0.00	63.39 3.64 0.00	59.04 2.54 0.00	47.20 1.68 0.00	42.60 1.95 0.00
BENSHRST_27_KV_BENSHRST_1 355998	41.77 3.79 -0.11	38.82 2.84 -0.01	36.57 2.61 -0.01	34.48 2.55 -0.01	33.88 2.48 -0.01	36.06 2.73 -0.01	38.73 2.87 -0.01	40.21 3.35 0.00	42.53 3.80 0.00	45.91 4.06 0.00	47.76 4.10 0.00	74.70 4.81 -16.45	99.66 5.77 -35.65	74.52 5.63 -7.06	79.54 6.82 -5.18	112.44 10.80 -5.20	123.93 12.58 -0.02	145.71 13.31 -5.64	124.61 10.02 -12.32	98.71 6.56 -15.92	71.62 4.12 -7.75	71.29 4.29 -10.50	49.16 3.64 0.00	44.36 3.70 -0.01
BETHLEHEM___GRP 23843	38.82 0.95 0.00	36.66 0.68 0.00	34.63 0.68 0.00	32.56 0.64 0.00	32.02 0.63 0.00	34.02 0.70 0.00	36.49 0.65 0.00	37.63 0.77 0.00	39.55 0.81 0.00	42.73 0.88 0.00	44.53 0.87 0.00	54.51 1.07 0.00	59.23 0.99 0.00	62.95 1.11 0.00	68.88 1.35 0.00	98.75 2.31 0.00	114.12 2.78 0.00	121.30 3.42 8.88	138.38 2.45 -33.66	107.11 1.60 -29.28	90.00 1.02 -29.24	57.57 1.07 0.00	46.43 0.91 0.00	41.50 0.85 0.00
BETHLEHEM___GS1 323560	38.82 0.95 0.00	36.73 0.76 0.00	34.63 0.68 0.00	32.55 0.64 0.00	32.02 0.63 0.00	33.99 0.67 0.00	36.57 0.72 0.00	37.63 0.78 0.00	39.58 0.85 0.00	42.73 0.88 0.00	44.53 0.87 0.00	54.51 1.07 0.00	59.12 0.87 0.00	62.95 1.11 0.00	68.88 1.35 0.00	98.75 2.31 0.00	114.12 2.78 0.00	121.30 3.42 8.88	138.38 2.45 -33.66	107.12 1.60 -29.28	89.99 1.01 -29.24	57.57 1.07 0.00	46.48 0.96 0.00	41.50 0.86 0.00
BETHLEHEM___GS2 323561	38.82 0.95 0.00	36.73 0.76 0.00	34.63 0.68 0.00	32.55 0.64 0.00	32.02 0.63 0.00	33.99 0.67 0.00	36.57 0.72 0.00	37.63 0.78 0.00	39.58 0.85 0.00	42.73 0.88 0.00	44.53 0.87 0.00	54.51 1.07 0.00	59.12 0.87 0.00	62.95 1.11 0.00	68.88 1.35 0.00	98.75 2.31 0.00	114.12 2.78 0.00	121.30 3.42 8.88	138.38 2.45 -33.66	107.12 1.60 -29.28	89.99 1.01 -29.24	57.57 1.07 0.00	46.48 0.96 0.00	41.50 0.86 0.00
BETHLEHEM___GS3 323562	38.82 0.95 0.00	36.73 0.76 0.00	34.63 0.68 0.00	32.55 0.64 0.00	32.02 0.63 0.00	33.99 0.67 0.00	36.57 0.72 0.00	37.63 0.78 0.00	39.58 0.85 0.00	42.73 0.88 0.00	44.53 0.87 0.00	54.51 1.07 0.00	59.12 0.87 0.00	62.95 1.11 0.00	68.88 1.35 0.00	98.75 2.31 0.00	114.12 2.78 0.00	121.30 3.42 8.88	138.38 2.45 -33.66	107.12 1.60 -29.28	89.99 1.01 -29.24	57.57 1.07 0.00	46.48 0.96 0.00	41.50 0.86 0.00
BETHLEHEM___STEEL 23779	38.51 0.64 0.00	35.76 -0.22 0.00	33.23 -0.71 0.00	30.93 -0.99 0.00	30.45 -0.94 0.00	32.16 -1.17 0.00	34.74 -1.11 0.00	36.67 -0.18 0.00	39.66 0.93 0.00	43.27 1.42 0.00	45.70 2.05 0.00	56.97 3.53 0.00	61.91 3.67 0.00	65.92 4.08 0.00	71.65 4.12 0.00	99.14 2.70 0.00	112.34 1.00 0.00	128.66 1.90 0.00	105.24 2.97 0.00	80.73 4.50 0.00	64.52 4.78 0.00	59.72 3.22 0.00	47.61 2.09 0.00	43.25 2.60 0.00
BETHLHEM_115KV_TB1 79974	38.89 1.02 0.00	36.77 0.79 0.00	34.69 0.75 0.00	32.65 0.73 0.00	32.09 0.69 0.00	34.09 0.77 0.00	36.57 0.72 0.00	37.71 0.85 0.00	39.62 0.89 0.00	42.81 0.96 0.00	44.66 1.00 0.00	54.61 1.18 0.00	59.35 1.11 0.00	63.07 1.24 0.00	69.02 1.49 0.00	98.85 2.41 0.00	114.34 3.01 0.00	121.98 3.55 8.33	137.00 2.66 -32.07	105.88 1.75 -27.89	88.73 1.14 -27.85	57.68 1.19 0.00	46.52 1.00 0.00	41.58 0.93 0.00
BETHPAGE_CC_5 323564	44.57 3.48 -3.22	43.17 2.81 -4.39	39.65 2.51 -3.19	36.67 2.49 -2.26	34.75 2.45 -0.90	37.83 2.53 -1.98	38.79 2.94 0.00	41.40 3.32 -1.23	43.47 3.84 -0.90	45.53 3.68 0.00	47.54 3.88 0.00	66.18 4.70 -8.04	72.82 5.42 -9.16	94.97 5.94 -27.20	107.66 7.23 -32.90	135.19 11.09 -27.67	163.04 12.91 -38.80	178.88 13.94 -38.17	164.67 10.64 -51.77	89.22 7.16 -5.83	71.45 4.72 -6.99	71.38 4.69 -10.20	48.80 3.28 0.00	43.37 2.72 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	38.59 0.72 0.00	35.83 -0.14 0.00	33.30 -0.64 0.00	30.99 -0.93 0.00	30.52 -0.88 0.00	32.22 -1.10 0.00	34.81 -1.04 0.00	36.82 -0.04 0.00	39.82 1.08 0.00	43.44 1.59 0.00	45.88 2.23 0.00	57.18 3.74 0.00	62.20 3.96 0.00	66.23 4.39 0.00	71.99 4.46 0.00	99.72 3.28 0.00	112.90 1.56 0.00	129.29 2.54 0.00	105.75 3.48 0.00	81.04 4.80 0.00	64.70 4.96 0.00	59.89 3.39 0.00	47.75 2.23 0.00	43.33 2.68 0.00

BINGHAMTON___COGEN 23790	38.71 0.80 -0.05	36.44 0.40 -0.07	34.21 0.24 -0.03	32.08 0.16 0.00	31.55 0.16 0.00	33.49 0.17 0.00	36.18 0.29 -0.04	37.67 0.81 0.00	39.78 1.05 0.00	43.22 1.26 -0.12	45.15 1.48 -0.02	56.14 2.24 -0.45	61.29 2.50 -0.54	64.70 2.66 -0.21	70.72 2.90 -0.29	101.49 3.38 -1.67	117.33 3.34 -2.65	133.96 4.06 -3.14	110.36 3.58 -4.51	82.06 3.35 -2.47	64.73 2.87 -2.12	59.07 2.37 -0.20	47.16 1.64 0.00	42.15 1.50 0.00
BIXINCNT_115KV_LOAD 355685	38.82 0.95 0.00	35.97 0.00 0.00	33.47 -0.48 0.00	31.18 -0.73 0.00	30.64 -0.75 0.00	32.49 -0.83 0.00	35.20 -0.65 0.00	37.37 0.52 0.00	40.24 1.51 0.00	43.94 2.09 0.00	46.36 2.71 0.00	57.77 4.33 0.00	62.85 4.60 0.00	66.91 5.07 0.00	72.80 5.27 0.00	100.49 4.05 0.00	114.01 2.67 0.00	130.31 3.55 0.00	106.46 4.19 0.00	81.34 5.11 0.00	65.00 5.26 0.00	60.00 3.50 0.00	47.89 2.37 0.00	43.41 2.76 0.00
BLACK RIVER___HYD 24047	38.35 0.38 -0.10	36.35 0.22 -0.16	34.14 0.14 -0.06	32.04 0.13 0.00	31.46 0.06 0.00	33.39 0.07 0.00	36.23 0.29 -0.10	37.19 0.33 0.00	38.89 0.16 0.00	42.15 0.04 -0.26	43.64 -0.04 -0.03	54.59 0.16 -0.99	59.66 0.23 -1.18	61.98 0.06 -0.08	68.16 0.00 -0.63	100.18 0.10 -3.64	117.11 0.00 -5.77	134.10 0.51 -6.83	107.78 1.02 -4.49	78.59 1.60 -0.75	61.53 1.79 0.00	58.46 1.53 -0.44	46.43 0.91 0.00	41.10 0.45 0.00
BLACKRVR_115KV_TB2 79977	38.39 0.42 -0.10	36.35 0.22 -0.16	34.14 0.14 -0.06	32.04 0.13 0.00	31.46 0.06 0.00	33.36 0.03 0.00	36.16 0.22 -0.10	37.19 0.33 0.00	38.93 0.19 0.00	42.23 0.13 -0.26	43.64 -0.04 -0.03	54.59 0.16 -0.99	59.60 0.17 -1.18	61.98 0.06 -0.08	68.16 0.00 -0.63	100.18 0.10 -3.64	117.11 0.00 -5.77	134.10 0.51 -6.83	107.78 1.02 -4.49	78.59 1.60 -0.75	61.54 1.79 0.00	58.46 1.53 -0.44	46.43 0.91 0.00	41.10 0.45 0.00
BLISS_WT_PWR 323608	38.97 1.10 0.00	35.94 -0.04 0.00	33.44 -0.51 0.00	31.15 -0.77 0.00	30.61 -0.78 0.00	32.76 -0.57 0.00	35.85 0.00 0.00	37.37 0.52 0.00	40.32 1.59 0.00	43.98 2.13 0.00	46.45 2.80 0.00	57.82 4.38 0.00	63.60 5.36 0.00	66.91 5.07 0.00	72.80 5.27 0.00	100.39 3.96 0.00	114.00 2.67 0.00	130.18 3.42 0.00	106.37 4.10 0.00	81.26 5.03 0.00	64.94 5.20 0.00	59.94 3.45 0.00	47.93 2.41 0.00	43.33 2.68 0.00
BLUESTONE___WT_PWR 323821	40.90 2.99 -0.04	38.45 2.41 -0.06	36.08 2.11 -0.02	33.86 1.95 0.00	33.25 1.85 0.00	35.36 2.03 0.00	38.50 2.62 -0.04	39.84 2.98 0.00	41.95 3.21 0.00	45.38 3.43 -0.10	47.33 3.67 -0.01	59.01 5.18 -0.39	64.71 6.00 -0.47	68.14 6.12 -0.18	74.53 6.75 -0.25	107.24 9.35 -1.44	123.76 10.13 -2.29	141.52 12.05 -2.71	118.97 10.23 -6.48	88.85 8.24 -4.38	70.63 6.81 -4.08	62.77 6.10 -0.18	50.03 4.51 0.00	44.35 3.70 0.00
BLUE_CIRC_CHEM_DRP 24182	39.35 1.48 0.00	37.23 1.26 0.00	35.17 1.22 0.00	33.07 1.15 0.00	32.53 1.13 0.00	34.52 1.20 0.00	37.03 1.18 0.00	38.08 1.22 0.00	39.93 1.20 0.00	43.06 1.21 0.00	44.83 1.18 0.00	54.88 1.44 0.00	58.30 0.06 0.00	61.96 0.12 0.00	67.80 0.27 0.00	97.11 0.68 0.00	110.52 1.00 1.82	117.11 1.65 11.29	121.97 1.23 -18.47	98.91 0.84 -21.83	82.14 0.60 -21.80	57.17 0.68 0.00	47.16 1.64 0.00	42.15 1.50 0.00
BOC_GAS_DRP 24189	39.00 1.14 0.00	36.87 0.90 0.00	34.83 0.88 0.00	32.78 0.86 0.00	32.24 0.85 0.00	34.22 0.90 0.00	36.78 0.93 0.00	37.93 1.07 0.00	39.82 1.08 0.00	43.02 1.17 0.00	44.83 1.18 0.00	54.83 1.39 0.00	59.58 1.34 0.00	63.20 1.36 0.00	69.15 1.62 0.00	99.04 2.60 0.00	114.58 3.12 -0.13	125.28 3.55 5.03	128.60 2.66 -23.68	98.26 1.83 -20.19	81.10 1.19 -20.16	57.79 1.30 0.00	46.66 1.14 0.00	41.71 1.06 0.00
BOONVILLE_115KV_TB1 79983	39.00 1.10 -0.03	36.88 0.86 -0.04	34.74 0.78 -0.02	32.65 0.73 0.00	32.06 0.66 0.00	34.02 0.70 0.00	36.74 0.86 -0.03	37.93 1.07 0.00	39.82 1.08 0.00	43.01 1.09 -0.07	44.80 1.13 -0.01	55.37 1.66 -0.28	60.38 1.81 -0.33	63.75 1.92 0.00	69.73 2.03 -0.18	100.46 2.99 -1.03	116.19 3.23 -1.63	132.74 4.06 -1.93	107.01 3.48 -1.27	79.34 2.90 -0.21	62.25 2.51 0.00	58.88 2.26 -0.12	47.11 1.59 0.00	41.79 1.14 0.00
BORALEX_4TH_BRANCH 23824	40.29 2.42 0.00	38.02 2.05 0.00	35.88 1.93 0.00	33.77 1.85 0.00	33.22 1.82 0.00	35.26 1.93 0.00	37.89 2.04 0.00	39.11 2.25 0.00	41.02 2.29 0.00	44.32 2.47 0.00	46.18 2.53 0.00	56.49 3.05 0.00	61.68 3.44 0.00	65.55 3.71 0.00	71.65 4.12 0.00	102.90 6.46 0.00	119.24 7.90 0.00	141.76 9.13 -5.88	155.24 7.47 -45.50	121.15 5.34 -39.58	103.15 3.88 -39.52	60.17 3.67 0.00	48.20 2.69 0.00	42.93 2.28 0.00
BOWLINE___1 23526	40.18 2.31 0.00	37.66 1.69 0.00	35.44 1.49 0.00	33.48 1.56 0.00	32.93 1.54 0.00	34.86 1.53 0.00	37.68 1.83 0.00	39.03 2.17 0.00	41.29 2.56 0.00	44.53 2.68 0.00	46.36 2.71 0.00	56.65 3.21 0.00	61.92 3.67 0.00	65.85 4.02 0.00	72.46 4.93 0.00	104.06 7.62 0.00	120.35 9.01 0.00	137.22 9.63 -0.83	115.01 7.16 -5.58	85.74 4.65 -4.86	67.46 2.87 -4.85	59.43 2.94 0.00	47.84 2.32 0.00	42.72 2.07 0.00
BOWLINE___2 23595	40.18 2.31 0.00	37.70 1.73 0.00	35.48 1.53 0.00	33.48 1.56 0.00	32.93 1.54 0.00	34.89 1.57 0.00	37.68 1.83 0.00	39.03 2.17 0.00	41.29 2.56 0.00	44.57 2.72 0.00	46.36 2.71 0.00	56.65 3.21 0.00	61.92 3.67 0.00	65.85 4.02 0.00	72.46 4.93 0.00	104.06 7.62 0.00	120.35 9.01 0.00	137.22 9.63 -0.83	115.01 7.16 -5.58	85.74 4.65 -4.86	67.46 2.87 -4.85	59.43 2.94 0.00	47.84 2.32 0.00	42.76 2.11 0.00
BRADY___115KV_TB2 356060	37.26 -0.61 0.00	35.90 -0.07 0.00	33.91 -0.03 0.00	31.82 -0.10 0.00	31.27 -0.13 0.00	33.19 -0.13 0.00	35.74 -0.11 0.00	36.23 -0.63 0.00	37.57 -1.16 0.00	40.21 -1.63 0.00	41.82 -1.83 0.00	50.82 -2.62 0.00	55.21 -3.03 0.01	56.81 -3.28 1.75	63.55 -3.98 0.00	90.94 -5.50 0.00	105.44 -5.90 0.00	120.04 -6.72 0.00	96.95 -5.32 0.00	72.35 -3.89 0.00	57.23 -2.51 0.00	54.46 -2.03 0.00	44.20 -1.32 0.00	39.27 -1.38 0.00
BRANSCOMB___SOLAR 323811	40.67 2.80 0.00	38.45 2.48 0.00	36.15 2.21 0.00	33.93 2.01 0.00	33.38 1.98 0.00	35.49 2.16 0.00	38.25 2.40 0.00	39.18 2.32 0.00	41.29 2.56 0.00	44.69 2.85 0.00	46.45 2.80 0.00	57.07 3.64 0.00	62.21 3.96 0.00	66.16 4.33 0.00	72.40 4.87 0.00	103.87 7.43 0.00	120.03 8.69 0.00	143.02 11.16 -5.11	170.74 9.21 -59.26	134.72 6.94 -51.55	116.71 5.49 -51.47	61.47 4.97 0.00	49.16 3.64 0.00	43.70 3.05 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	45.14 4.05 -3.22	43.60 3.24 -4.39	40.16 3.02 -3.19	37.14 2.97 -2.26	35.22 2.92 -0.90	38.43 3.13 -1.98	39.11 3.26 0.00	41.99 3.91 -1.23	43.97 4.34 -0.90	46.03 4.18 0.00	48.14 4.45 -0.03	72.78 5.08 -14.26	68.03 5.77 -4.02	80.90 6.31 -12.76	91.57 7.63 -16.40	124.50 11.57 -16.49	149.05 13.36 -24.36	176.41 14.70 -34.95	154.81 11.45 -41.08	97.69 7.93 -13.53	73.52 5.32 -8.46	71.78 5.08 -10.20	49.38 3.82 -0.03	43.82 3.17 0.00

BRISTLHL_115KV_TB1 79998	37.79 -0.30 -0.23	35.85 -0.47 -0.35	33.53 -0.54 -0.13	31.37 -0.54 0.00	30.86 -0.53 0.00	32.76 -0.57 0.00	35.49 -0.57 -0.21	36.60 -0.26 0.00	38.54 -0.19 0.00	42.30 -0.13 -0.57	43.64 -0.09 -0.07	55.72 0.11 -2.17	60.95 0.12 -2.59	63.01 0.19 -0.99	69.18 0.27 -1.38	104.44 0.00 -8.00	123.80 -0.22 -12.69	141.64 -0.13 -15.01	112.24 0.10 -9.87	78.27 0.38 -1.66	60.22 0.48 0.00	57.69 0.23 -0.97	45.52 0.00 0.00	40.73 0.08 0.00
BROOKHAVEN___DRP 24191	44.76 3.67 -3.22	43.17 2.81 -4.39	39.75 2.61 -3.19	36.76 2.59 -2.26	34.84 2.54 -0.90	38.03 2.73 -1.98	38.72 2.87 0.00	41.59 3.50 -1.23	43.55 3.91 -0.90	45.61 3.77 0.00	47.98 4.32 0.00	62.73 5.24 -4.05	67.92 6.23 -3.44	79.83 6.86 -11.13	90.17 8.10 -14.54	123.81 12.15 -15.22	149.40 13.81 -24.26	206.65 15.46 -64.42	169.38 12.27 -54.84	129.71 8.39 -45.09	80.02 5.80 -14.49	72.24 5.54 -10.21	49.16 3.64 0.00	43.45 2.80 0.00
BROOKLYN_NAVY_YARD 23515	41.05 3.18 0.00	38.35 2.37 0.00	36.02 2.07 0.00	33.99 2.07 0.00	33.41 2.01 0.00	35.42 2.10 0.00	38.36 2.51 0.00	39.81 2.95 0.00	42.26 3.52 0.00	45.49 3.64 0.00	47.27 3.62 0.00	57.72 4.28 0.00	63.02 4.78 0.00	66.96 5.13 0.00	73.81 6.28 0.00	106.37 9.94 0.00	122.92 11.58 0.00	140.10 12.43 -0.91	117.30 9.21 -5.82	87.31 6.02 -5.06	68.50 3.71 -5.05	60.34 3.84 0.00	48.62 3.10 0.00	43.62 2.97 0.00
BROOKLYN___ARMY_DRP 323595	41.54 3.56 -0.11	38.64 2.66 -0.01	36.40 2.44 -0.01	34.32 2.39 -0.01	33.73 2.32 -0.01	35.90 2.57 -0.01	38.55 2.69 -0.01	39.99 3.13 0.00	42.30 3.56 0.00	45.61 3.77 0.00	47.45 3.80 0.00	74.27 4.38 -16.45	99.13 5.24 -35.65	74.03 5.13 -7.06	78.99 6.28 -5.18	111.58 9.93 -5.20	122.93 11.58 -0.02	144.57 12.17 -5.64	123.69 9.10 -12.32	98.02 5.87 -15.92	71.08 3.58 -7.75	70.84 3.84 -10.50	48.80 3.28 0.00	44.07 3.41 -0.01
BROOKVLE_69_KV_TB1 55790	45.06 3.98 -3.22	43.50 3.13 -4.39	39.99 2.85 -3.19	36.95 2.78 -2.26	35.00 2.70 -0.90	38.23 2.93 -1.98	38.93 3.08 0.00	41.84 3.76 -1.23	43.93 4.30 -0.90	46.28 4.44 0.00	48.24 4.58 0.00	83.12 5.72 -23.96	95.34 6.58 -30.51	156.11 7.05 -87.23	177.31 8.31 -101.48	183.13 12.54 -74.15	224.86 14.70 -98.82	211.00 15.84 -68.40	225.76 12.07 -111.42	89.45 8.16 -5.06	72.08 5.50 -6.84	72.06 5.37 -10.20	49.30 3.78 0.00	44.23 3.58 0.00
BROOME_2_LFGE 323671	38.75 0.83 -0.05	36.44 0.40 -0.07	34.21 0.24 -0.03	32.08 0.16 0.00	31.55 0.16 0.00	33.56 0.23 0.00	36.40 0.50 -0.04	37.67 0.81 0.00	39.82 1.08 0.00	43.22 1.25 -0.12	45.19 1.53 -0.02	56.14 2.24 -0.45	61.47 2.68 -0.54	64.70 2.66 -0.21	70.72 2.90 -0.29	101.49 3.37 -1.67	117.33 3.34 -2.65	133.96 4.06 -3.14	110.36 3.58 -4.51	82.06 3.35 -2.47	64.73 2.87 -2.12	59.07 2.37 -0.20	47.20 1.69 0.00	42.15 1.50 0.00
BROOME___LFGE 323600	38.75 0.83 -0.05	36.44 0.40 -0.07	34.21 0.24 -0.03	32.08 0.16 0.00	31.55 0.16 0.00	33.56 0.23 0.00	36.40 0.50 -0.04	37.67 0.81 0.00	39.82 1.08 0.00	43.22 1.25 -0.12	45.19 1.53 -0.02	56.14 2.24 -0.45	61.47 2.68 -0.54	64.70 2.66 -0.21	70.72 2.90 -0.29	101.49 3.37 -1.67	117.33 3.34 -2.65	133.96 4.06 -3.14	110.36 3.58 -4.51	82.06 3.35 -2.47	64.73 2.87 -2.12	59.07 2.37 -0.20	47.20 1.69 0.00	42.15 1.50 0.00
BROWNFLS_115KV_TB_3_5 80003	37.27 -0.64 -0.04	35.61 -0.43 -0.06	33.56 -0.41 -0.02	31.47 -0.45 0.00	30.89 -0.50 0.00	32.76 -0.57 0.00	35.39 -0.50 -0.04	36.16 -0.70 0.00	37.69 -1.05 0.00	40.57 -1.38 -0.11	42.09 -1.57 -0.01	51.86 -1.98 -0.40	56.45 -2.27 -0.47	58.53 -2.47 0.83	64.81 -2.97 -0.26	93.87 -4.05 -1.48	109.23 -4.45 -2.34	124.71 -4.82 -2.77	100.51 -3.58 -1.82	74.10 -2.44 -0.31	58.19 -1.55 0.00	55.32 -1.36 -0.18	44.47 -1.05 0.00	39.43 -1.22 0.00
BROWNSV1_27_KV_LOAD 356125	41.47 3.60 0.00	38.67 2.70 0.00	36.42 2.48 0.00	34.34 2.43 0.00	33.75 2.35 0.00	35.89 2.57 0.00	38.61 2.76 0.00	40.21 3.35 0.00	42.65 3.91 0.00	45.95 4.10 0.00	47.80 4.15 0.00	58.41 4.97 0.00	64.07 5.82 0.00	67.77 5.94 0.00	74.76 7.23 0.00	107.63 11.19 0.00	124.36 13.03 0.00	141.61 13.94 -0.91	118.62 10.53 -5.82	88.31 7.01 -5.06	69.22 4.42 -5.05	61.01 4.52 0.00	49.16 3.64 0.00	44.19 3.54 0.00
BURROWS___LYONSDAL 23803	38.81 0.91 -0.04	36.75 0.72 -0.05	34.58 0.61 -0.02	32.49 0.57 0.00	31.93 0.53 0.00	33.86 0.53 0.00	36.56 0.68 -0.03	37.71 0.85 0.00	39.59 0.85 0.00	42.73 0.80 -0.09	44.49 0.83 -0.01	55.01 1.23 -0.34	60.05 1.40 -0.40	63.20 1.42 0.06	69.23 1.49 -0.22	99.90 2.22 -1.25	115.76 2.45 -1.98	132.27 3.17 -2.34	106.67 2.86 -1.54	78.93 2.44 -0.26	61.89 2.15 0.00	58.57 1.92 -0.15	46.84 1.32 0.00	41.54 0.89 0.00
CAITHNESS_CC_1 323624	44.76 3.67 -3.22	43.24 2.88 -4.39	39.71 2.58 -3.19	36.73 2.55 -2.26	34.81 2.51 -0.90	37.93 2.63 -1.98	38.90 3.05 0.00	41.51 3.43 -1.23	43.54 3.91 -0.90	45.57 3.72 0.00	47.76 4.10 0.00	62.42 4.97 -4.01	67.55 5.88 -3.42	79.41 6.49 -11.09	89.78 7.76 -14.49	123.29 11.66 -15.19	148.73 13.24 -24.15	205.29 14.70 -63.83	168.61 11.65 -54.68	129.09 8.00 -44.86	79.62 5.44 -14.44	72.01 5.31 -10.21	49.03 3.51 0.00	43.25 2.60 0.00
CALPINE BETH_PAGE_GT4 24209	44.46 3.37 -3.22	43.10 2.73 -4.39	39.68 2.55 -3.19	36.67 2.49 -2.26	34.72 2.42 -0.90	37.90 2.60 -1.98	38.61 2.76 0.00	41.44 3.35 -1.23	43.43 3.80 -0.90	45.49 3.64 0.00	47.50 3.84 0.00	67.94 4.70 -9.80	75.40 5.47 -11.68	102.05 5.94 -34.28	115.68 7.16 -40.99	140.58 10.99 -33.15	170.02 12.80 -45.88	182.37 13.94 -41.67	171.56 10.53 -58.76	88.97 7.09 -5.65	71.36 4.66 -6.96	71.32 4.63 -10.20	48.71 3.19 0.00	43.58 2.93 0.00
CALPINE_BETH_PAGE_GT_4 323586	44.53 3.45 -3.22	43.17 2.81 -4.39	39.68 2.55 -3.19	36.67 2.49 -2.26	34.72 2.42 -0.90	37.83 2.53 -1.98	38.79 2.94 0.00	41.44 3.35 -1.23	43.51 3.87 -0.90	45.53 3.68 0.00	47.50 3.84 0.00	67.94 4.70 -9.80	75.34 5.42 -11.68	102.05 5.94 -34.28	115.67 7.15 -40.99	140.58 10.99 -33.15	170.01 12.80 -45.88	182.37 13.94 -41.67	171.57 10.54 -58.76	88.97 7.09 -5.65	71.36 4.66 -6.95	71.33 4.63 -10.20	48.75 3.23 0.00	43.45 2.80 0.00
CALPINE_BP_GT1 23823	44.53 3.45 -3.22	43.17 2.81 -4.39	39.68 2.55 -3.19	36.67 2.49 -2.26	34.72 2.42 -0.90	37.83 2.53 -1.98	38.79 2.94 0.00	41.44 3.35 -1.23	43.51 3.87 -0.90	45.53 3.68 0.00	47.50 3.84 0.00	67.94 4.70 -9.80	75.34 5.42 -11.68	102.05 5.94 -34.28	115.67 7.15 -40.99	140.58 10.99 -33.15	170.01 12.80 -45.88	182.37 13.94 -41.67	171.57 10.54 -58.76	88.97 7.09 -5.65	71.36 4.66 -6.95	71.33 4.63 -10.20	48.75 3.23 0.00	43.45 2.80 0.00
CALSPAN___DRP 24200	38.51 0.64 0.00	35.76 -0.22 0.00	33.23 -0.71 0.00	30.93 -0.99 0.00	30.45 -0.94 0.00	32.16 -1.17 0.00	34.74 -1.11 0.00	36.67 -0.18 0.00	39.66 0.93 0.00	43.27 1.42 0.00	45.70 2.05 0.00	56.97 3.53 0.00	61.91 4.08 0.00	65.92 4.08 0.00	71.65 4.12 0.00	99.14 2.70 0.00	112.34 1.00 0.00	128.66 1.90 0.00	105.24 2.97 0.00	80.73 4.50 0.00	64.52 4.78 0.00	59.72 3.22 0.00	47.61 2.09 0.00	43.25 2.60 0.00

CALVERTON___SOLAR 323806	44.99 3.90 -3.22	43.42 3.06 -4.39	39.85 2.72 -3.19	36.86 2.68 -2.26	34.94 2.64 -0.90	38.07 2.76 -1.98	39.04 3.19 0.00	41.70 3.61 -1.23	43.82 4.18 -0.90	45.86 4.02 0.00	48.28 4.62 0.00	63.11 5.61 -4.06	68.32 6.64 -3.44	80.33 7.35 -11.14	90.80 8.71 -14.55	124.60 12.93 -15.23	150.32 14.70 -24.29	207.88 16.47 -64.65	170.26 13.09 -54.90	130.42 8.99 -45.19	80.52 6.27 -14.50	72.69 5.99 -10.21	49.53 4.01 0.00	43.54 2.89 0.00
CANDIGU_WT_PWR 323617	38.69 0.80 -0.03	36.12 0.11 -0.04	33.69 -0.27 -0.01	31.47 -0.45 0.00	30.96 -0.44 0.00	33.02 -0.30 0.00	35.98 0.11 -0.02	37.34 0.48 0.00	39.86 1.12 0.00	43.38 1.46 -0.07	45.63 1.97 -0.01	56.79 3.10 -0.25	62.22 3.67 -0.30	65.47 3.52 -0.11	71.40 3.71 -0.16	100.45 3.09 -0.93	115.25 2.45 -1.47	131.79 3.29 -1.74	107.09 3.68 -1.14	80.85 4.42 -0.19	64.05 4.30 0.00	59.77 3.16 -0.11	47.84 2.32 0.00	42.92 2.28 0.00
CARR STREET_E_SYR 24060	37.94 0.00 -0.07	35.86 -0.21 -0.10	33.61 -0.37 -0.04	31.54 -0.38 0.00	31.02 -0.38 0.00	32.99 -0.33 0.00	35.70 -0.21 -0.06	36.86 0.00 0.00	38.77 0.04 0.00	42.14 0.13 -0.17	43.94 0.26 -0.02	54.73 0.64 -0.65	59.83 0.82 -0.77	62.93 0.80 -0.29	68.82 0.88 -0.41	99.69 0.87 -2.38	115.78 0.67 -3.78	132.12 0.89 -4.47	106.02 0.81 -2.94	77.72 0.99 -0.49	60.70 0.95 0.00	57.41 0.62 -0.29	45.84 0.32 0.00	40.94 0.29 0.00
CARTHAGE___PAPER 23857	38.07 0.11 -0.09	36.18 0.07 -0.13	34.03 0.03 -0.05	31.95 0.03 0.00	31.36 -0.03 0.00	33.29 -0.03 0.00	36.04 0.11 -0.08	36.97 0.11 0.00	38.58 -0.15 0.00	41.78 -0.29 -0.22	43.29 -0.39 -0.03	53.90 -0.37 -0.83	58.77 -0.47 -0.99	61.16 -0.62 0.05	67.32 -0.74 -0.53	98.64 -0.87 -3.07	115.08 -1.11 -4.86	131.75 -0.76 -5.75	106.05 0.00 -3.78	77.55 0.68 -0.63	60.70 0.95 0.00	57.72 0.85 -0.37	45.93 0.41 0.00	40.69 0.04 0.00
CASSADAGA_WT_PWR 323784	40.06 2.20 0.00	36.98 1.01 0.00	34.36 0.41 0.00	31.95 0.03 0.00	31.43 0.03 0.00	33.56 0.23 0.00	36.75 0.90 0.00	38.41 1.55 0.00	41.44 2.71 0.00	45.28 3.43 0.00	48.02 4.36 0.00	59.58 6.14 0.00	65.64 7.40 0.00	69.25 7.42 0.00	75.23 7.70 0.00	103.87 7.43 0.00	117.68 6.34 0.00	134.62 7.86 0.00	110.04 7.77 0.00	84.24 8.00 0.00	67.27 7.53 0.00	62.14 5.65 0.00	49.53 4.01 0.00	44.64 3.99 0.00
CE_DUNWOOD___DRP 24194	40.67 2.80 0.00	38.02 2.05 0.00	35.85 1.90 0.00	33.83 1.91 0.00	33.25 1.85 0.00	35.36 2.03 0.00	38.04 2.19 0.00	39.51 2.65 0.00	41.79 3.06 0.00	45.11 3.26 0.00	46.93 3.27 0.00	57.34 3.90 0.00	62.85 4.60 0.00	66.60 4.76 0.00	73.34 5.81 0.00	105.41 8.97 0.00	121.91 10.58 0.00	139.08 11.41 -0.91	116.66 8.59 -5.80	86.92 5.64 -5.05	68.37 3.58 -5.04	60.11 3.62 0.00	48.34 2.82 0.00	43.29 2.64 0.00
CE_MILLWOOD___DRP 24193	40.52 2.65 0.00	37.95 1.98 0.00	35.78 1.83 0.00	33.74 1.82 0.00	33.19 1.79 0.00	35.26 1.93 0.00	37.93 2.08 0.00	39.40 2.54 0.00	41.68 2.94 0.00	44.94 3.10 0.00	46.80 3.14 0.00	57.18 3.74 0.00	62.67 4.43 0.00	66.41 4.58 0.00	73.14 5.61 0.00	105.12 8.68 0.00	121.58 10.24 0.00	138.69 11.03 -0.90	116.33 8.28 -5.77	86.74 5.49 -5.02	68.22 3.47 -5.01	59.94 3.45 0.00	48.25 2.73 0.00	43.17 2.52 0.00
CE_NYC2_DRP 24202	41.21 3.33 -0.01	38.42 2.45 0.00	36.19 2.24 0.00	34.12 2.20 0.00	33.53 2.13 0.00	35.69 2.37 0.00	38.32 2.47 0.00	39.84 2.99 0.00	42.22 3.49 0.00	45.45 3.60 0.00	47.19 3.54 0.00	57.44 4.01 0.01	61.13 4.83 1.94	63.42 4.70 3.11	70.62 5.81 2.72	102.99 9.26 2.70	122.13 10.80 0.01	136.58 11.41 1.58	113.05 8.39 -2.39	80.99 5.41 0.65	58.77 3.29 4.26	54.42 3.45 5.52	48.52 3.00 0.00	43.82 3.17 0.00
CE_NYC_DRP 24195	41.09 3.22 0.00	38.31 2.34 0.00	36.09 2.14 0.00	34.06 2.14 0.00	33.47 2.07 0.00	35.59 2.27 0.00	38.29 2.44 0.00	39.88 3.02 0.00	42.26 3.52 0.00	45.53 3.68 0.00	47.32 3.67 0.00	57.82 4.38 0.00	63.37 5.13 0.00	67.03 5.19 0.00	73.88 6.35 0.00	106.37 9.93 0.00	123.03 11.69 0.00	140.09 12.42 -0.91	117.29 9.20 -5.82	87.32 6.02 -5.06	68.50 3.70 -5.05	60.28 3.79 0.00	48.61 3.10 0.00	43.70 3.05 0.00
CHAFFEE___LFGE 323603	38.74 0.87 0.00	35.87 -0.11 0.00	33.34 -0.61 0.00	31.02 -0.89 0.00	30.52 -0.88 0.00	32.56 -0.77 0.00	35.53 -0.32 0.00	36.86 0.00 0.00	39.89 1.16 0.00	43.52 1.68 0.00	46.01 2.36 0.00	57.29 3.85 0.00	63.02 4.78 0.00	66.35 4.51 0.00	72.13 4.59 0.00	99.81 3.37 0.00	113.11 1.78 0.00	129.55 2.79 0.00	105.95 3.68 0.00	81.12 4.88 0.00	64.82 5.08 0.00	59.94 3.45 0.00	47.88 2.37 0.00	43.33 2.68 0.00
CHATEAUG_35_KV_LOAD 355732	37.07 -0.80 0.00	35.69 -0.29 0.00	33.71 -0.24 0.00	31.60 -0.32 0.00	31.11 -0.28 0.00	33.06 -0.27 0.00	35.67 -0.18 0.00	36.27 -0.59 0.00	37.96 -0.77 0.00	40.97 -0.88 0.00	42.65 -1.00 0.00	51.19 -2.24 0.00	55.27 -2.97 0.01	56.72 -3.22 1.89	63.55 -3.98 0.00	90.94 -5.50 0.00	105.44 -5.90 0.00	120.04 -6.72 0.00	96.75 -5.52 0.00	72.04 -4.19 0.00	56.88 -2.87 0.00	54.40 -2.09 0.00	44.75 -0.77 0.00	39.80 -0.85 0.00
CHATEAUG_WT_PWR 323614	37.04 -0.83 0.00	35.68 -0.29 0.00	33.74 -0.20 0.00	31.63 -0.29 0.00	31.14 -0.25 0.00	33.09 -0.23 0.00	35.49 -0.36 0.00	36.38 -0.48 0.00	38.00 -0.74 0.00	41.13 -0.71 0.00	42.82 -0.83 0.00	51.20 -2.24 0.00	55.15 -3.09 0.01	56.62 -3.28 1.93	63.48 -4.05 0.00	90.75 -5.69 0.00	105.32 -6.01 0.00	119.79 -6.97 0.00	96.55 -5.73 0.00	71.81 -4.42 0.00	56.63 -3.11 0.00	54.07 -2.43 0.00	44.47 -1.05 0.00	39.92 -0.73 0.00
CHAT_HIGH_FALL_HYD 323578	37.07 -0.80 0.00	35.69 -0.29 0.00	33.71 -0.24 0.00	31.60 -0.32 0.00	31.11 -0.28 0.00	33.06 -0.27 0.00	35.67 -0.18 0.00	36.27 -0.59 0.00	37.96 -0.77 0.00	40.97 -0.88 0.00	42.65 -1.00 0.00	51.19 -2.24 0.00	55.27 -2.97 0.01	56.72 -3.22 1.89	63.55 -3.98 0.00	90.94 -5.50 0.00	105.44 -5.90 0.00	120.04 -6.72 0.00	96.75 -5.52 0.00	72.04 -4.19 0.00	56.88 -2.87 0.00	54.40 -2.09 0.00	44.75 -0.77 0.00	39.80 -0.85 0.00
CHAUTAUQUA___LFGE 323629	39.46 1.59 0.00	36.48 0.50 0.00	33.91 -0.03 0.00	31.57 -0.35 0.00	31.05 -0.34 0.00	33.12 -0.20 0.00	36.21 0.36 0.00	37.71 0.85 0.00	40.75 2.01 0.00	44.44 2.60 0.00	47.10 3.45 0.00	58.57 5.13 0.00	64.48 6.24 0.00	67.90 6.06 0.00	73.81 6.28 0.00	102.03 5.59 0.00	115.57 4.23 0.00	132.33 5.57 0.00	108.10 5.83 0.00	82.79 6.56 0.00	66.20 6.45 0.00	61.18 4.69 0.00	48.80 3.28 0.00	44.02 3.37 0.00
CHERRYST_13_KV_LD 356241	41.24 3.37 0.00	38.46 2.48 0.00	36.22 2.27 0.00	34.18 2.27 0.00	33.59 2.20 0.00	35.72 2.40 0.00	38.43 2.58 0.00	40.07 3.21 0.00	42.45 3.72 0.00	45.78 3.93 0.00	47.63 3.97 0.00	58.14 4.70 0.00	63.72 5.47 0.00	67.40 5.57 0.00	74.35 6.82 0.00	107.05 10.61 0.00	123.70 12.36 0.00	140.85 13.18 -0.91	117.91 9.82 -5.82	87.70 6.40 -5.06	68.74 3.94 -5.05	60.56 4.07 0.00	48.84 3.32 0.00	43.86 3.21 0.00

CHESTROR_138KV_BK263 355645	40.03 2.16 0.00	37.56 1.58 0.00	35.41 1.46 0.00	33.38 1.47 0.00	32.84 1.44 0.00	34.86 1.53 0.00	37.46 1.61 0.00	38.85 1.99 0.00	41.02 2.29 0.00	44.32 2.47 0.00	46.18 2.53 0.00	56.43 2.99 0.00	61.80 3.55 0.00	65.55 3.71 0.00	72.06 4.52 0.00	103.48 7.04 0.00	119.69 8.35 0.00	136.48 9.00 -0.72	114.30 6.75 -5.28	85.32 4.50 -4.59	67.20 2.87 -4.58	59.32 2.82 0.00	47.70 2.18 0.00	42.68 2.03 0.00
CH_MIDHUDSON___DRP 24192	40.48 2.61 0.00	37.99 2.01 0.00	35.81 1.87 0.00	33.77 1.85 0.00	33.22 1.82 0.00	35.26 1.93 0.00	37.86 2.01 0.00	39.29 2.43 0.00	41.48 2.75 0.00	44.86 3.01 0.00	46.75 3.10 0.00	57.02 3.58 0.00	62.55 4.31 0.00	66.35 4.51 0.00	72.93 5.40 0.00	104.83 8.39 0.00	121.36 10.02 0.00	138.41 10.90 -0.75	116.62 8.18 -6.17	87.09 5.49 -5.36	68.69 3.58 -5.36	60.00 3.50 0.00	48.25 2.73 0.00	43.13 2.48 0.00
CH_MISC_IPPS 23765	40.78 2.92 0.00	38.31 2.34 0.00	35.98 2.04 0.00	33.93 2.01 0.00	33.38 1.98 0.00	35.36 2.03 0.00	38.15 2.30 0.00	39.44 2.58 0.00	41.79 3.06 0.00	45.20 3.35 0.00	47.06 3.41 0.00	57.45 4.01 0.00	62.91 4.66 0.00	66.91 5.07 0.00	73.68 6.14 0.00	105.90 9.46 0.00	122.47 11.13 0.00	139.62 12.17 -0.69	117.40 9.10 -6.03	87.65 6.17 -5.24	69.04 4.06 -5.23	60.45 3.95 0.00	48.62 3.10 0.00	43.42 2.77 0.00
CH_RES_BVR_FALLS 23983	37.11 -0.76 0.00	35.54 -0.43 0.00	33.61 -0.34 0.00	31.57 -0.35 0.00	31.05 -0.34 0.00	32.96 -0.37 0.00	35.35 -0.50 0.00	36.23 -0.63 0.00	37.92 -0.82 0.00	41.01 -0.84 0.00	42.73 -0.92 0.00	51.68 -1.76 0.00	56.08 -2.15 0.01	56.60 -2.22 3.01	65.77 -1.76 0.00	93.93 -2.51 0.00	108.56 -2.78 0.00	123.60 -3.16 0.00	99.72 -2.55 0.00	74.25 -1.98 0.00	58.25 -1.49 0.00	55.20 -1.30 0.00	44.84 -0.68 0.00	40.00 -0.65 0.00
CH_RES_NIAGARA 23895	37.00 -0.87 0.00	34.39 -1.58 0.00	31.98 -1.97 0.00	29.75 -2.17 0.00	29.29 -2.10 0.00	30.82 -2.50 0.00	33.23 -2.62 0.00	34.87 -1.99 0.00	37.84 -0.89 0.00	41.22 -0.63 0.00	43.57 -0.09 0.00	54.29 0.86 0.00	58.88 0.64 0.00	62.52 0.68 0.00	67.87 0.34 0.00	93.93 -2.51 0.00	106.22 -5.12 0.00	121.94 -4.82 0.00	99.82 -2.45 0.00	77.00 0.76 0.00	61.72 1.97 0.00	57.17 0.68 0.00	45.61 0.09 0.00	41.67 1.02 0.00
CH_RES_SYRACUSE 23985	37.99 0.00 -0.13	35.95 -0.21 -0.19	33.68 -0.34 -0.07	31.57 -0.35 0.00	31.05 -0.34 0.00	32.99 -0.33 0.00	35.79 -0.18 -0.12	36.90 0.04 0.00	38.85 0.12 0.00	42.37 0.21 -0.32	44.04 0.35 -0.04	55.33 0.69 -1.20	60.55 0.87 -1.43	63.25 0.87 -0.55	69.31 1.01 -0.76	101.81 0.96 -4.41	119.21 0.89 -6.99	136.17 1.14 -8.27	108.73 1.02 -5.43	78.29 1.15 -0.91	60.76 1.01 0.00	57.76 0.73 -0.54	45.97 0.46 0.00	41.01 0.37 0.00
CLINTON_WT_PWR 323605	37.04 -0.83 0.00	35.68 -0.29 0.00	33.74 -0.20 0.00	31.63 -0.29 0.00	31.14 -0.25 0.00	33.09 -0.23 0.00	35.49 -0.36 0.00	36.38 -0.48 0.00	38.00 -0.74 0.00	41.13 -0.71 0.00	42.82 -0.83 0.00	51.20 -2.24 0.00	55.15 -3.09 0.01	56.62 -3.28 1.93	63.48 -4.05 0.00	90.75 -5.69 0.00	105.32 -6.01 0.00	119.79 -6.97 0.00	96.55 -5.73 0.00	71.81 -4.42 0.00	56.63 -3.11 0.00	54.07 -2.43 0.00	44.47 -1.05 0.00	39.92 -0.73 0.00
CLINTON___LFGE 323618	37.45 -0.42 0.00	36.08 0.11 0.00	34.15 0.20 0.00	31.95 0.03 0.00	31.46 0.06 0.00	33.49 0.17 0.00	35.92 0.07 0.00	36.82 -0.04 0.00	38.46 -0.27 0.00	41.64 -0.21 0.00	43.30 -0.35 0.00	51.35 -2.08 0.00	55.09 -3.15 0.01	56.51 -3.40 1.92	63.14 -4.39 0.00	90.26 -6.17 0.00	105.00 -6.34 0.00	119.28 -7.48 0.00	96.14 -6.13 0.00	71.51 -4.73 0.00	56.63 -3.11 0.00	54.23 -2.26 0.00	44.93 -0.59 0.00	40.49 -0.16 0.00
COBBLENY_34_KV_TB1 80064	38.63 0.76 0.00	35.83 -0.14 0.00	33.34 -0.61 0.00	31.02 -0.89 0.00	30.52 -0.88 0.00	32.26 -1.07 0.00	34.85 -1.00 0.00	36.86 0.00 0.00	39.86 1.12 0.00	43.48 1.63 0.00	45.97 2.31 0.00	57.23 3.79 0.00	62.26 4.02 0.00	66.35 4.51 0.00	72.12 4.59 0.00	99.81 3.38 0.00	113.12 1.78 0.00	129.55 2.79 0.00	105.95 3.68 0.00	81.11 4.88 0.00	64.82 5.08 0.00	59.94 3.45 0.00	47.79 2.28 0.00	43.33 2.68 0.00
COFFEEN___115KV_TB3 355620	38.73 0.76 -0.11	36.68 0.54 -0.16	34.41 0.41 -0.06	32.30 0.38 0.00	31.71 0.31 0.00	33.62 0.30 0.00	36.45 0.50 -0.10	37.49 0.63 0.00	39.20 0.46 0.00	42.53 0.42 -0.27	43.99 0.31 -0.03	55.10 0.64 -1.02	60.10 0.64 -1.21	62.44 0.49 -0.11	68.65 0.47 -0.65	101.05 0.87 -3.74	118.16 0.89 -5.93	135.43 1.65 -7.02	108.93 2.05 -4.61	79.52 2.52 -0.77	62.31 2.57 0.00	59.21 2.26 -0.45	46.93 1.41 0.00	41.50 0.85 0.00
COLDSPRG_115KV_BK1 355956	40.22 2.35 0.00	37.20 1.22 0.00	34.56 0.61 0.00	32.17 0.26 0.00	31.65 0.25 0.00	33.59 0.27 0.00	36.42 0.57 0.00	38.89 2.03 0.00	41.64 2.91 0.00	45.49 3.64 0.00	48.37 4.71 0.00	60.07 6.63 0.00	65.41 7.16 0.00	69.87 8.04 0.00	75.90 8.37 0.00	104.73 8.29 0.00	118.57 7.24 0.00	135.63 8.87 0.00	110.86 8.59 0.00	84.77 8.54 0.00	67.69 7.95 0.00	62.48 5.99 0.00	49.75 4.23 0.00	44.92 4.27 0.00
COLONIE_LFGE___ 323577	39.91 2.04 0.00	37.74 1.76 0.00	35.54 1.60 0.00	33.42 1.50 0.00	32.87 1.48 0.00	34.89 1.57 0.00	37.61 1.76 0.00	38.66 1.81 0.00	40.67 1.94 0.00	43.98 2.13 0.00	45.75 2.10 0.00	56.06 2.62 0.00	61.10 2.85 0.00	64.99 3.15 0.00	71.11 3.58 0.00	101.93 5.49 0.00	118.02 6.68 0.00	141.61 7.99 -6.86	161.51 6.34 -52.90	126.82 4.57 -46.02	109.10 3.40 -45.95	59.71 3.22 0.00	47.93 2.41 0.00	42.68 2.03 0.00
COOPERNY_115KV_TB1 80082	39.46 1.59 0.00	37.12 1.15 0.00	35.00 1.05 0.00	33.00 1.09 0.00	32.46 1.07 0.00	34.46 1.13 0.00	37.03 1.18 0.00	38.37 1.51 0.00	40.44 1.70 0.00	43.69 1.84 0.00	45.53 1.88 0.00	55.74 2.30 0.00	61.04 2.80 0.00	64.68 2.84 0.00	70.98 3.44 0.00	101.74 5.30 0.00	117.46 6.12 0.00	133.48 6.72 0.00	111.41 5.11 -4.03	83.24 3.51 -3.50	65.51 2.27 -3.50	58.70 2.20 0.00	47.20 1.68 0.00	42.19 1.54 0.00
COPENHAGEN_WT_PWR 323753	38.28 0.30 -0.11	36.29 0.14 -0.17	34.04 0.03 -0.06	31.98 0.06 0.00	31.40 0.00 0.00	33.32 0.00 0.00	36.13 0.18 -0.10	37.12 0.26 0.00	38.81 0.08 0.00	42.13 0.00 -0.28	43.60 -0.09 -0.04	54.67 0.16 -1.07	59.69 0.18 -1.27	61.98 0.00 -0.15	68.14 -0.07 -0.68	100.36 0.00 -3.93	117.45 -0.11 -6.22	134.50 0.38 -7.36	107.92 0.81 -4.84	78.49 1.44 -0.81	61.36 1.61 0.00	58.33 1.35 -0.48	46.29 0.77 0.00	41.06 0.41 0.00
CORNELL_____ 23752	39.19 1.25 -0.07	36.98 0.90 -0.10	34.66 0.68 -0.04	32.46 0.54 0.00	31.93 0.53 0.00	33.96 0.63 0.00	36.74 0.82 -0.06	38.15 1.29 0.00	40.13 1.39 0.00	43.56 1.55 -0.17	45.42 1.75 -0.02	56.59 2.51 -0.64	61.75 2.74 -0.76	65.16 3.03 -0.29	71.31 3.38 -0.41	103.04 4.24 -2.36	119.75 4.68 -3.74	136.76 5.58 -4.42	111.90 5.01 -4.61	82.63 4.42 -1.97	64.99 3.76 -1.48	59.95 3.16 -0.29	47.75 2.23 0.00	42.56 1.91 0.00

CORONA__69_KV_TB1 355595	44.80 3.71 -3.22	43.24 2.88 -4.39	39.78 2.65 -3.19	36.76 2.59 -2.26	34.84 2.54 -0.90	38.03 2.73 -1.98	38.79 2.94 0.00	41.62 3.54 -1.23	43.66 4.03 -0.90	45.95 4.10 0.00	47.93 4.28 0.00	70.40 5.18 -11.78	79.18 5.94 -14.99	111.56 6.12 -43.60	126.52 7.36 -51.63	147.89 11.09 -40.37	179.89 13.36 -55.19	187.19 14.45 -45.98	181.10 11.05 -67.79	88.76 7.47 -5.06	71.72 5.14 -6.84	71.78 5.08 -10.20	49.25 3.73 0.00	43.98 3.33 0.00
CORTLAND__115KV_TB3 80093	38.81 0.87 -0.07	36.62 0.54 -0.11	34.36 0.37 -0.04	32.24 0.32 0.00	31.71 0.31 0.00	33.66 0.33 0.00	36.38 0.47 -0.06	37.78 0.92 0.00	39.74 1.01 0.00	43.20 1.17 -0.18	44.98 1.31 -0.02	56.09 1.98 -0.67	61.26 2.21 -0.80	64.55 2.41 -0.31	70.59 2.63 -0.43	102.19 3.28 -2.47	118.71 3.45 -3.92	135.58 4.18 -4.64	109.00 3.68 -3.05	80.02 3.28 -0.51	62.49 2.75 0.00	59.11 2.32 -0.30	47.16 1.64 0.00	42.03 1.38 0.00
COXSACKIE__GT 23611	41.01 3.14 0.00	38.92 2.95 0.00	36.53 2.58 0.00	34.28 2.36 0.00	33.72 2.32 0.00	35.79 2.47 0.00	38.18 2.33 0.00	39.00 2.14 0.00	41.10 2.36 0.00	44.36 2.51 0.00	46.14 2.49 0.00	56.27 2.83 0.00	60.75 2.50 0.00	64.86 3.03 0.00	71.18 3.64 0.00	102.23 5.79 0.00	116.75 7.68 2.26	124.51 10.14 12.40	124.41 7.16 -14.98	102.08 5.64 -20.21	84.22 4.30 -20.18	60.68 4.18 0.00	49.34 3.82 0.00	44.02 3.37 0.00
CPV_VALLEY__CC1 323721	39.72 1.86 0.00	37.34 1.37 0.00	35.13 1.19 0.00	33.16 1.24 0.00	32.62 1.22 0.00	34.52 1.20 0.00	37.32 1.47 0.00	38.56 1.70 0.00	40.75 2.01 0.00	43.98 2.13 0.00	45.79 2.14 0.00	55.95 2.51 0.00	61.16 2.91 0.00	64.99 3.15 0.00	71.38 3.85 0.00	102.42 5.98 0.00	118.47 7.13 0.00	134.98 7.61 -0.61	112.77 5.72 -4.78	84.12 3.73 -4.16	66.22 2.33 -4.15	58.87 2.37 0.00	47.39 1.87 0.00	42.32 1.67 0.00
CPV_VALLEY__CC2 323722	39.72 1.86 0.00	37.34 1.37 0.00	35.13 1.19 0.00	33.16 1.24 0.00	32.62 1.22 0.00	34.52 1.20 0.00	37.32 1.47 0.00	38.56 1.70 0.00	40.75 2.01 0.00	43.98 2.13 0.00	45.79 2.14 0.00	55.95 2.51 0.00	61.16 2.91 0.00	64.99 3.15 0.00	71.38 3.85 0.00	102.42 5.98 0.00	118.47 7.13 0.00	134.98 7.61 -0.61	112.77 5.72 -4.78	84.12 3.73 -4.16	66.22 2.33 -4.15	58.87 2.37 0.00	47.39 1.87 0.00	42.32 1.67 0.00
CRESCENT__HYD 24018	39.91 2.04 0.00	37.74 1.76 0.00	35.54 1.60 0.00	33.42 1.50 0.00	32.87 1.48 0.00	34.89 1.57 0.00	37.61 1.76 0.00	38.66 1.81 0.00	40.67 1.94 0.00	43.98 2.13 0.00	45.75 2.10 0.00	56.06 2.62 0.00	61.10 2.85 0.00	64.99 3.15 0.00	71.11 3.58 0.00	101.93 5.49 0.00	118.02 6.68 0.00	141.61 7.99 -6.86	161.51 6.34 -52.90	126.82 4.57 -46.02	109.10 3.40 -45.95	59.71 3.22 0.00	47.93 2.41 0.00	42.68 2.03 0.00
CRICKET__VALLEY_CC1 323756	40.22 2.35 0.00	37.81 1.83 0.00	35.61 1.66 0.00	33.58 1.66 0.00	33.00 1.60 0.00	34.99 1.67 0.00	37.78 1.93 0.00	39.03 2.17 0.00	41.14 2.40 0.00	44.40 2.55 0.00	46.18 2.53 0.00	56.43 2.99 0.00	61.62 3.38 0.00	65.54 3.71 0.00	71.92 4.39 0.00	103.29 6.85 0.00	119.69 8.35 0.00	137.03 9.00 -1.27	116.37 6.96 -7.14	87.09 4.65 -6.21	68.99 3.05 -6.20	59.54 3.05 0.00	47.84 2.32 0.00	42.68 2.03 0.00
CRICKET__VALLEY_CC2 323757	40.22 2.35 0.00	37.81 1.83 0.00	35.61 1.66 0.00	33.58 1.66 0.00	33.00 1.60 0.00	34.99 1.67 0.00	37.78 1.93 0.00	39.03 2.17 0.00	41.14 2.40 0.00	44.40 2.55 0.00	46.18 2.53 0.00	56.43 2.99 0.00	61.62 3.38 0.00	65.54 3.71 0.00	71.92 4.39 0.00	103.29 6.85 0.00	119.69 8.35 0.00	137.03 9.00 -1.27	116.37 6.96 -7.14	87.09 4.65 -6.21	68.99 3.05 -6.20	59.54 3.05 0.00	47.84 2.32 0.00	42.68 2.03 0.00
CRICKET__VALLEY_CC3 323758	40.22 2.35 0.00	37.81 1.83 0.00	35.61 1.66 0.00	33.58 1.66 0.00	33.00 1.60 0.00	34.99 1.67 0.00	37.78 1.93 0.00	39.03 2.17 0.00	41.14 2.40 0.00	44.40 2.55 0.00	46.18 2.53 0.00	56.43 2.99 0.00	61.62 3.38 0.00	65.54 3.71 0.00	71.92 4.39 0.00	103.29 6.85 0.00	119.69 8.35 0.00	137.03 9.00 -1.27	116.37 6.96 -7.14	87.09 4.65 -6.21	68.99 3.05 -6.20	59.54 3.05 0.00	47.84 2.32 0.00	42.68 2.03 0.00
CRUCIBLE__METL_DRP 24180	37.96 -0.04 -0.13	35.95 -0.22 -0.19	33.68 -0.34 -0.07	31.57 -0.35 0.00	31.05 -0.35 0.00	32.96 -0.37 0.00	35.64 -0.32 -0.12	36.90 0.04 0.00	38.85 0.12 0.00	42.41 0.25 -0.32	44.04 0.35 -0.04	55.33 0.69 -1.20	60.43 0.76 -1.43	63.25 0.87 -0.55	69.31 1.01 -0.76	101.81 0.96 -4.41	119.22 0.89 -6.99	136.17 1.14 -8.27	108.73 1.02 -5.43	78.29 1.14 -0.91	60.76 1.02 0.00	57.77 0.73 -0.54	45.93 0.41 0.00	41.02 0.37 0.00
DAHOWA__HYDRO 323763	40.86 2.99 0.00	38.64 2.66 0.00	36.29 2.34 0.00	34.06 2.14 0.00	33.50 2.10 0.00	35.62 2.30 0.00	38.40 2.55 0.00	39.33 2.47 0.00	41.48 2.75 0.00	44.99 3.14 0.00	46.66 3.01 0.00	57.34 3.90 0.00	62.55 4.31 0.00	66.53 4.70 0.00	72.80 5.27 0.00	104.44 8.00 0.00	120.69 9.35 0.00	143.60 12.05 -4.79	172.57 10.03 -60.27	136.21 7.55 -52.43	118.19 6.10 -52.35	61.92 5.42 0.00	49.48 3.96 0.00	43.94 3.29 0.00
DANC__LFGE 323619	38.05 0.04 -0.14	36.04 -0.14 -0.21	33.79 -0.24 -0.08	31.69 -0.22 0.00	31.14 -0.25 0.00	33.05 -0.27 0.00	35.87 -0.11 -0.13	36.82 -0.04 0.00	38.62 -0.12 0.00	41.99 -0.21 -0.35	43.48 -0.22 -0.04	54.72 -0.05 -1.34	59.84 0.00 -1.59	62.09 -0.12 -0.38	68.25 -0.13 -0.85	101.07 -0.29 -4.92	118.58 -0.55 -7.79	135.73 -0.25 -9.22	108.54 0.20 -6.06	78.09 0.84 -1.02	60.76 1.01 0.00	57.83 0.73 -0.60	45.88 0.36 0.00	40.90 0.25 0.00
DANSKAMMER__1 23586	40.78 2.92 0.00	38.31 2.34 0.00	35.98 2.04 0.00	33.93 2.01 0.00	33.38 1.98 0.00	35.36 2.03 0.00	38.15 2.30 0.00	39.44 2.58 0.00	41.79 3.06 0.00	45.20 3.35 0.00	47.06 3.41 0.00	57.45 4.01 0.00	62.91 4.66 0.00	66.91 5.07 0.00	73.68 6.14 0.00	105.90 9.46 0.00	122.47 11.13 0.00	139.62 12.17 -0.69	117.40 9.10 -6.03	87.65 6.17 -5.24	69.04 4.06 -5.23	60.45 3.95 0.00	48.62 3.10 0.00	43.42 2.77 0.00
DANSKAMMER__2 23589	40.78 2.92 0.00	38.31 2.34 0.00	35.98 2.04 0.00	33.93 2.01 0.00	33.38 1.98 0.00	35.36 2.03 0.00	38.15 2.30 0.00	39.44 2.58 0.00	41.79 3.06 0.00	45.20 3.35 0.00	47.06 3.41 0.00	57.45 4.01 0.00	62.91 4.66 0.00	66.91 5.07 0.00	73.68 6.14 0.00	105.90 9.46 0.00	122.47 11.13 0.00	139.62 12.17 -0.69	117.40 9.10 -6.03	87.65 6.17 -5.24	69.04 4.06 -5.23	60.45 3.95 0.00	48.62 3.10 0.00	43.42 2.77 0.00
DANSKAMMER__3 23590	40.78 2.92 0.00	38.31 2.34 0.00	35.98 2.04 0.00	33.93 2.01 0.00	33.38 1.98 0.00	35.36 2.03 0.00	38.15 2.30 0.00	39.44 2.58 0.00	41.79 3.06 0.00	45.20 3.35 0.00	47.06 3.41 0.00	57.45 4.01 0.00	62.91 4.66 0.00	66.91 5.07 0.00	73.68 6.14 0.00	105.90 9.46 0.00	122.47 11.13 0.00	139.62 12.17 -0.69	117.40 9.10 -6.03	87.65 6.17 -5.24	69.04 4.06 -5.23	60.45 3.95 0.00	48.62 3.10 0.00	43.42 2.77 0.00

DANSKAMMER___4 23591	40.78 2.92 0.00	38.31 2.34 0.00	35.98 2.04 0.00	33.93 2.01 0.00	33.38 1.98 0.00	35.36 2.03 0.00	38.15 2.30 0.00	39.44 2.58 0.00	41.79 3.06 0.00	45.20 3.35 0.00	47.06 3.41 0.00	57.45 4.01 0.00	62.91 4.66 0.00	66.91 5.07 0.00	73.68 6.14 0.00	105.90 9.46 0.00	122.47 11.13 0.00	139.62 12.17 -0.69	117.40 9.10 -6.03	87.65 6.17 -5.24	69.04 4.06 -5.23	60.45 3.95 0.00	48.62 3.10 0.00	43.42 2.77 0.00
DANSKAMMER___DIESEL 23592	40.75 2.88 0.00	38.24 2.27 0.00	35.98 2.04 0.00	33.93 2.01 0.00	33.37 1.98 0.00	35.42 2.10 0.00	38.00 2.15 0.00	39.44 2.58 0.00	41.72 2.98 0.00	45.15 3.31 0.00	47.10 3.45 0.00	57.45 4.01 0.00	63.02 4.78 0.00	66.91 5.07 0.00	73.68 6.15 0.00	105.89 9.45 0.00	122.47 11.13 0.00	139.62 12.17 -0.69	117.40 9.10 -6.03	87.65 6.17 -5.24	69.04 4.06 -5.23	60.39 3.90 0.00	48.57 3.05 0.00	43.41 2.76 0.00
DARBY___SOLAR 323810	40.67 2.80 0.00	38.45 2.48 0.00	36.15 2.21 0.00	33.93 2.01 0.00	33.38 1.98 0.00	35.49 2.16 0.00	38.25 2.40 0.00	39.22 2.36 0.00	41.37 2.64 0.00	44.82 2.97 0.00	46.53 2.88 0.00	57.18 3.74 0.00	62.38 4.14 0.00	66.29 4.45 0.00	72.60 5.07 0.00	104.16 7.72 0.00	120.35 9.01 0.00	143.26 11.41 -5.09	170.98 9.40 -59.31	134.84 7.01 -51.59	116.88 5.61 -51.52	61.52 5.03 0.00	49.20 3.69 0.00	43.74 3.09 0.00
DASHVILLE___HYD 23610	40.03 2.16 0.00	37.63 1.65 0.00	35.47 1.53 0.00	33.48 1.56 0.00	32.90 1.51 0.00	34.89 1.57 0.00	37.43 1.58 0.00	38.96 2.10 0.00	41.17 2.44 0.00	44.48 2.64 0.00	46.40 2.75 0.00	56.59 3.15 0.00	62.32 4.08 0.00	66.10 4.27 0.00	72.73 5.20 0.00	104.54 8.10 0.00	121.17 10.47 0.63	135.00 11.15 2.92	116.59 6.55 -7.77	89.20 4.19 -8.77	70.95 2.45 -8.76	59.66 3.16 0.00	47.84 2.32 0.00	42.80 2.15 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	46.01 4.92 -3.22	44.25 3.89 -4.39	40.73 3.60 -3.19	37.65 3.48 -2.26	35.69 3.39 -0.90	39.00 3.70 -1.98	39.72 3.87 0.00	42.77 4.68 -1.23	45.10 5.46 -0.90	47.45 5.61 0.00	50.34 6.68 0.00	65.92 8.39 -4.09	71.37 9.67 -3.45	83.51 10.51 -11.17	94.33 12.22 -14.58	129.53 17.84 -15.25	155.96 20.26 -24.36	214.21 22.44 -65.01	175.16 17.90 -54.99	133.76 12.20 -45.33	82.88 8.60 -14.53	74.72 8.02 -10.21	50.94 5.42 0.00	44.88 4.23 0.00
DELAWARE___LFGE 323621	39.52 1.63 -0.02	37.27 1.26 -0.03	35.21 1.26 -0.01	33.13 1.21 0.00	32.56 1.16 0.00	34.56 1.23 0.00	37.27 1.40 -0.02	38.48 1.62 0.00	40.44 1.70 0.00	43.74 1.84 -0.05	45.62 1.96 -0.01	56.26 2.62 -0.20	61.46 2.97 -0.24	64.90 2.97 -0.09	71.04 3.38 -0.13	102.01 4.82 -0.75	117.87 5.34 -1.19	134.38 6.21 -1.41	116.60 5.01 -9.32	87.51 3.81 -7.46	69.96 2.93 -7.29	59.41 2.82 -0.09	47.57 2.05 0.00	42.44 1.79 0.00
DERFIELD_115KV_TB7 355931	38.25 0.38 0.00	36.23 0.25 0.00	34.18 0.24 0.00	32.17 0.26 0.00	31.65 0.25 0.00	33.59 0.27 0.00	36.14 0.29 0.00	37.23 0.37 0.00	39.16 0.43 0.00	42.31 0.46 0.00	44.13 0.48 0.00	54.08 0.64 0.00	58.94 0.70 0.00	62.68 0.74 -0.10	68.34 0.81 0.00	97.60 1.16 0.00	112.67 1.34 0.00	128.28 1.52 0.00	103.50 1.23 0.00	77.15 0.91 0.00	60.40 0.66 0.00	57.12 0.62 0.00	45.97 0.46 0.00	41.06 0.41 0.00
DOGLEVILLE___HYD 23807	39.00 1.14 0.00	36.91 0.93 0.00	34.80 0.85 0.00	32.71 0.80 0.00	32.18 0.79 0.00	34.16 0.83 0.00	36.82 0.97 0.00	37.89 1.03 0.00	39.86 1.12 0.00	43.02 1.17 0.00	44.92 1.27 0.00	55.15 1.71 0.00	60.16 1.92 0.00	63.91 1.98 -0.10	69.69 2.16 0.00	99.43 2.99 0.00	114.67 3.34 0.00	130.56 3.80 0.00	105.44 3.17 0.00	78.60 2.37 0.00	61.60 1.85 0.00	58.25 1.75 0.00	46.93 1.41 0.00	41.83 1.18 0.00
DUNKIRK___115KV_TB_200 55889	39.23 1.36 0.00	36.37 0.40 0.00	33.81 -0.14 0.00	31.47 -0.45 0.00	30.96 -0.44 0.00	32.79 -0.53 0.00	35.46 -0.39 0.00	37.60 0.74 0.00	40.55 1.82 0.00	44.32 2.47 0.00	46.88 3.23 0.00	58.36 4.92 0.00	63.49 5.24 0.00	67.71 5.87 0.00	73.54 6.01 0.00	101.74 5.30 0.00	115.23 3.90 0.00	131.96 5.20 0.00	107.79 5.52 0.00	82.56 6.33 0.00	65.96 6.21 0.00	60.96 4.46 0.00	48.61 3.10 0.00	43.94 3.29 0.00
DUNKIRK___1 23563	39.23 1.36 0.00	36.37 0.40 0.00	33.81 -0.14 0.00	31.47 -0.45 0.00	30.96 -0.44 0.00	32.79 -0.53 0.00	35.46 -0.39 0.00	37.60 0.74 0.00	40.55 1.82 0.00	44.32 2.47 0.00	46.88 3.23 0.00	58.36 4.92 0.00	63.49 5.24 0.00	67.71 5.87 0.00	73.54 6.01 0.00	101.74 5.30 0.00	115.23 3.90 0.00	131.96 5.20 0.00	107.79 5.52 0.00	82.56 6.33 0.00	65.96 6.21 0.00	60.96 4.46 0.00	48.61 3.10 0.00	43.94 3.29 0.00
DUNKIRK___2 23564	39.23 1.36 0.00	36.37 0.40 0.00	33.81 -0.14 0.00	31.47 -0.45 0.00	30.96 -0.44 0.00	32.79 -0.53 0.00	35.46 -0.39 0.00	37.60 0.74 0.00	40.55 1.82 0.00	44.32 2.47 0.00	46.88 3.23 0.00	58.36 4.92 0.00	63.49 5.24 0.00	67.71 5.87 0.00	73.54 6.01 0.00	101.74 5.30 0.00	115.23 3.90 0.00	131.96 5.20 0.00	107.79 5.52 0.00	82.56 6.33 0.00	65.96 6.21 0.00	60.96 4.46 0.00	48.61 3.10 0.00	43.94 3.29 0.00
DUNKIRK___3 23565	38.89 1.02 0.00	36.08 0.11 0.00	33.54 -0.41 0.00	31.25 -0.67 0.00	30.74 -0.66 0.00	32.52 -0.80 0.00	35.13 -0.72 0.00	37.23 0.37 0.00	40.17 1.43 0.00	43.86 2.01 0.00	46.36 2.71 0.00	57.77 4.33 0.00	62.79 4.54 0.00	66.91 5.07 0.00	72.73 5.20 0.00	100.68 4.24 0.00	114.01 2.67 0.00	130.56 3.80 0.00	106.67 4.40 0.00	81.72 5.49 0.00	65.24 5.50 0.00	60.39 3.90 0.00	48.16 2.64 0.00	43.58 2.93 0.00
DUNKIRK___4 23566	38.89 1.02 0.00	36.08 0.11 0.00	33.54 -0.41 0.00	31.25 -0.67 0.00	30.74 -0.66 0.00	32.52 -0.80 0.00	35.13 -0.72 0.00	37.23 0.37 0.00	40.17 1.43 0.00	43.86 2.01 0.00	46.36 2.71 0.00	57.77 4.33 0.00	62.79 4.54 0.00	66.91 5.07 0.00	72.73 5.20 0.00	100.68 4.24 0.00	114.01 2.67 0.00	130.56 3.80 0.00	106.67 4.40 0.00	81.72 5.49 0.00	65.24 5.50 0.00	60.39 3.90 0.00	48.16 2.64 0.00	43.58 2.93 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	40.78 2.92 0.00	38.13 2.16 0.00	35.95 2.00 0.00	33.90 1.98 0.00	33.34 1.95 0.00	35.42 2.10 0.00	38.14 2.29 0.00	39.66 2.80 0.00	41.95 3.21 0.00	45.24 3.39 0.00	47.10 3.45 0.00	57.55 4.11 0.00	63.02 4.78 0.00	66.78 4.95 0.00	73.54 6.01 0.00	105.79 9.35 0.00	122.36 11.02 0.00	139.46 11.79 -0.91	116.99 8.90 -5.82	87.16 5.87 -5.06	68.56 3.76 -5.05	60.22 3.73 0.00	48.48 2.96 0.00	43.41 2.76 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	40.33 2.46 0.00	37.81 1.83 0.00	35.64 1.70 0.00	33.61 1.69 0.00	33.06 1.66 0.00	35.09 1.77 0.00	37.68 1.83 0.00	39.11 2.25 0.00	41.33 2.60 0.00	44.65 2.80 0.00	46.58 2.92 0.00	56.86 3.42 0.00	62.32 4.08 0.00	66.16 4.33 0.00	72.73 5.20 0.00	104.54 8.10 0.00	120.91 9.57 0.00	137.75 10.39 -0.60	115.85 7.77 -5.81	86.47 5.18 -5.05	68.13 3.35 -5.04	59.77 3.28 0.00	48.07 2.55 0.00	42.97 2.32 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	41.28 3.41 -0.01	38.54 2.55 -0.01	36.30 2.34 -0.01	34.22 2.30 -0.01	33.63 2.23 -0.01	35.76 2.43 0.00	38.22 2.37 0.00	39.66 2.80 0.00	42.03 3.29 0.00	45.24 3.39 0.00	46.97 3.32 0.00	57.17 3.74 0.01	63.13 4.89 0.01	66.59 4.76 0.01	73.40 5.88 0.01	105.88 9.45 0.01	122.13 10.80 0.01	138.94 11.28 -0.90	116.57 8.49 -5.81	86.77 5.49 -5.05	68.13 3.35 -5.04	59.99 3.50 0.01	48.52 3.00 0.00	43.91 3.25 -0.01
E179THST_13_KV_LOAD 356214	41.59 3.71 -0.01	38.79 2.81 -0.01	36.50 2.55 -0.01	34.41 2.49 -0.01	33.82 2.42 -0.01	35.95 2.63 0.00	38.43 2.58 0.00	39.92 3.06 0.00	42.34 3.60 0.00	45.57 3.72 0.00	47.32 3.67 0.00	57.60 4.17 0.01	63.59 5.36 0.01	67.08 5.26 0.01	74.01 6.48 0.01	106.75 10.32 0.01	123.13 11.80 0.01	140.08 12.42 -0.90	117.49 9.41 -5.81	87.46 6.17 -5.05	68.67 3.88 -5.04	60.50 4.01 0.01	48.89 3.37 0.00	44.28 3.62 -0.01
EAST HAMPTON___GT 23717	46.66 5.57 -3.22	44.90 4.53 -4.39	41.24 4.11 -3.19	38.10 3.92 -2.26	36.16 3.86 -0.90	39.47 4.16 -1.98	40.62 4.77 0.00	43.50 5.42 -1.23	46.10 6.47 -0.90	48.59 6.74 0.00	51.65 7.99 0.00	67.64 10.10 -4.09	73.06 11.36 -3.45	85.31 12.31 -11.17	96.30 14.19 -14.58	132.23 20.54 -15.25	159.09 23.39 -24.36	217.52 25.72 -65.04	177.73 20.46 -55.00	135.37 13.80 -45.33	84.02 9.74 -14.53	75.69 8.98 -10.21	51.62 6.10 0.00	45.40 4.75 0.00
EAST RIVER___6 23660	41.13 3.26 0.00	38.38 2.41 0.00	36.09 2.14 0.00	34.02 2.11 0.00	33.47 2.07 0.00	35.52 2.20 0.00	38.36 2.51 0.00	39.84 2.98 0.00	42.34 3.60 0.00	45.61 3.77 0.00	47.36 3.71 0.00	57.82 4.38 0.00	63.02 4.78 0.00	66.91 5.07 0.00	73.81 6.28 0.00	106.38 9.94 0.00	122.92 11.58 0.00	139.84 12.17 -0.91	117.09 9.00 -5.82	87.09 5.79 -5.06	68.20 3.40 -5.05	60.22 3.73 0.00	48.70 3.19 0.00	43.74 3.09 0.00
EAST RIVER___7 23524	41.13 3.26 0.00	38.38 2.41 0.00	36.09 2.14 0.00	34.02 2.11 0.00	33.47 2.07 0.00	35.52 2.20 0.00	38.36 2.51 0.00	39.84 2.98 0.00	42.34 3.60 0.00	45.61 3.77 0.00	47.36 3.71 0.00	57.82 4.38 0.00	63.02 4.78 0.00	66.91 5.07 0.00	73.81 6.28 0.00	106.38 9.94 0.00	122.92 11.58 0.00	139.84 12.17 -0.91	117.09 9.00 -5.82	87.09 5.79 -5.06	68.20 3.40 -5.05	60.22 3.73 0.00	48.70 3.19 0.00	43.74 3.09 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	40.67 2.80 0.00	38.02 2.05 0.00	35.85 1.90 0.00	33.83 1.91 0.00	33.25 1.85 0.00	35.36 2.03 0.00	38.04 2.19 0.00	39.51 2.65 0.00	41.79 3.06 0.00	45.11 3.26 0.00	46.93 3.27 0.00	57.34 3.90 0.00	62.85 4.60 0.00	66.60 4.76 0.00	73.34 5.81 0.00	105.41 8.97 0.00	121.91 10.58 0.00	139.08 11.41 -0.91	116.66 8.59 -5.80	86.92 5.64 -5.05	68.37 3.58 -5.04	60.11 3.62 0.00	48.34 2.82 0.00	43.29 2.64 0.00
EAST_HAMPTON___DIESEL 23722	46.66 5.57 -3.22	44.90 4.53 -4.39	41.24 4.11 -3.19	38.10 3.92 -2.26	36.16 3.86 -0.90	39.47 4.16 -1.98	40.62 4.77 0.00	43.50 5.42 -1.23	46.10 6.47 -0.90	48.59 6.74 0.00	51.65 7.99 0.00	67.63 10.10 -4.09	73.06 11.36 -3.45	85.31 12.31 -11.17	96.30 14.19 -14.58	132.23 20.54 -15.25	159.09 23.39 -24.36	217.52 25.72 -65.04	177.63 20.36 -55.00	135.28 13.72 -45.33	83.95 9.68 -14.53	75.62 8.92 -10.21	51.58 6.05 0.00	45.32 4.67 0.00
EAST_POINT___SOLAR 323840	41.65 3.79 0.00	39.32 3.35 0.00	36.93 2.99 0.00	34.66 2.75 0.00	34.10 2.70 0.00	36.35 3.03 0.00	38.75 2.90 0.00	38.88 2.03 0.00	40.17 1.43 0.00	43.15 1.30 0.00	44.79 1.13 0.00	55.15 1.71 0.00	60.16 1.92 0.00	64.00 2.16 0.00	70.24 2.70 0.00	100.68 4.24 0.00	117.12 5.79 0.00	140.37 12.17 -1.44	175.07 12.16 -60.64	139.04 10.06 -52.75	120.60 8.19 -52.67	63.89 7.40 0.00	50.89 5.37 0.00	45.08 4.43 0.00
EAST_PULASKI___ESR 323781	37.88 -0.19 -0.20	35.92 -0.36 -0.31	33.58 -0.48 -0.11	31.47 -0.45 0.00	30.96 -0.44 0.00	32.86 -0.47 0.00	35.71 -0.32 -0.18	36.64 -0.22 0.00	38.50 -0.23 0.00	41.97 -0.38 -0.51	43.37 -0.35 -0.06	55.14 -0.21 -1.91	60.41 -0.12 -2.28	62.35 -0.25 -0.76	68.54 -0.20 -1.22	102.91 -0.58 -7.04	121.60 -0.89 -11.16	139.21 -0.76 -13.20	110.64 -0.31 -8.68	77.92 0.23 -1.46	60.22 0.48 0.00	57.52 0.17 -0.86	45.52 0.00 0.00	40.77 0.12 0.00
EAST_RIVER___1 323558	41.13 3.26 0.00	38.42 2.45 0.00	36.09 2.14 0.00	34.06 2.14 0.00	33.47 2.07 0.00	35.52 2.20 0.00	38.43 2.58 0.00	39.88 3.02 0.00	42.34 3.60 0.00	45.57 3.72 0.00	47.32 3.67 0.00	57.82 4.38 0.00	63.14 4.89 0.00	67.03 5.19 0.00	73.88 6.35 0.00	106.38 9.94 0.00	123.03 11.69 0.00	140.10 12.43 -0.91	117.30 9.21 -5.82	87.32 6.02 -5.06	68.50 3.71 -5.05	60.34 3.84 0.00	48.70 3.19 0.00	43.70 3.05 0.00
EAST_RIVER___2 323559	41.13 3.26 0.00	38.38 2.41 0.00	36.09 2.14 0.00	34.02 2.11 0.00	33.47 2.07 0.00	35.52 2.20 0.00	38.36 2.51 0.00	39.84 2.98 0.00	42.34 3.60 0.00	45.61 3.77 0.00	47.36 3.71 0.00	57.82 4.38 0.00	63.02 4.78 0.00	66.91 5.07 0.00	73.81 6.28 0.00	106.38 9.94 0.00	122.92 11.58 0.00	139.84 12.17 -0.91	117.09 9.00 -5.82	87.09 5.79 -5.06	68.20 3.40 -5.05	60.22 3.73 0.00	48.70 3.19 0.00	43.74 3.09 0.00
EAST___DELAWARE_HYD 23607	39.46 1.59 0.00	37.09 1.12 0.00	34.86 0.92 0.00	32.87 0.96 0.00	32.31 0.91 0.00	34.22 0.90 0.00	36.89 1.04 0.00	38.15 1.29 0.00	40.36 1.63 0.00	43.60 1.76 0.00	45.44 1.79 0.00	55.52 2.08 0.00	60.87 2.62 0.00	64.80 2.97 0.00	71.31 3.78 0.00	102.52 6.08 0.00	118.60 7.46 0.20	134.47 8.12 0.41	113.72 5.93 -5.52	85.64 3.96 -5.44	67.51 2.33 -5.43	58.76 2.26 0.00	47.20 1.69 0.00	42.07 1.42 0.00
EIGHT_POINT___WT_PWR 323820	39.26 1.36 -0.03	36.62 0.61 -0.04	34.13 0.17 -0.01	31.82 -0.10 0.00	31.33 -0.06 0.00	33.46 0.13 0.00	36.52 0.65 -0.02	37.89 1.03 0.00	40.44 1.70 0.00	44.00 2.09 -0.07	46.28 2.62 -0.01	57.75 4.06 -0.25	63.21 4.66 -0.30	66.53 4.58 -0.11	72.56 4.87 -0.16	101.81 4.44 -0.93	116.70 3.89 -1.47	133.58 5.08 -1.74	108.73 5.31 -1.14	82.30 5.87 -0.19	65.24 5.49 0.00	60.73 4.12 -0.11	48.62 3.10 0.00	43.70 3.05 0.00
ELBRIDGE_115KV_TB2 80188	37.93 -0.08 -0.13	35.92 -0.25 -0.20	33.65 -0.37 -0.07	31.50 -0.41 0.00	31.02 -0.38 0.00	32.92 -0.40 0.00	35.61 -0.36 -0.12	36.86 0.00 0.00	38.81 0.08 0.00	42.39 0.21 -0.34	44.00 0.31 -0.04	55.40 0.69 -1.27	60.52 0.76 -1.52	63.28 0.87 -0.58	69.28 0.95 -0.81	101.99 0.87 -4.68	119.42 0.67 -7.42	136.55 1.01 -8.78	109.06 1.02 -5.77	78.35 1.14 -0.97	60.88 1.14 0.00	57.80 0.73 -0.57	45.93 0.41 0.00	41.06 0.41 0.00
ELEC_TRO_TEK 24086	44.53 3.45 -3.22	43.03 2.66 -4.39	39.58 2.44 -3.19	36.57 2.39 -2.26	34.65 2.35 -0.90	37.83 2.53 -1.98	38.54 2.69 0.00	41.37 3.28 -1.23	43.35 3.72 -0.90	45.61 3.77 0.00	47.54 3.89 0.00	71.30 4.76 -13.11	80.47 5.53 -16.69	116.08 5.87 -48.37	131.64 7.02 -57.08	151.20 10.70 -44.06	183.88 12.58 -59.96	188.75 13.56 -48.43	185.16 10.33 -72.56	88.23 6.94 -5.06	71.19 4.60 -6.84	71.27 4.58 -10.20	48.80 3.28 0.00	43.58 2.93 0.00

ELLENBURG_WT_PWR 323604	37.04 -0.83 0.00	35.68 -0.29 0.00	33.74 -0.20 0.00	31.63 -0.29 0.00	31.14 -0.25 0.00	33.09 -0.23 0.00	35.49 -0.36 0.00	36.38 -0.48 0.00	38.00 -0.74 0.00	41.13 -0.71 0.00	42.82 -0.83 0.00	51.20 -2.24 0.00	55.15 -3.09 0.01	56.62 -3.28 1.93	63.48 -4.05 0.00	90.75 -5.69 0.00	105.32 -6.01 0.00	119.79 -6.97 0.00	96.55 -5.73 0.00	71.81 -4.42 0.00	56.63 -3.11 0.00	54.07 -2.43 0.00	44.47 -1.05 0.00	39.92 -0.73 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	38.29 0.42 0.00	35.54 -0.43 0.00	33.06 -0.88 0.00	30.77 -1.15 0.00	30.27 -1.13 0.00	31.96 -1.37 0.00	34.49 -1.36 0.00	36.38 -0.48 0.00	39.35 0.62 0.00	42.93 1.09 0.00	45.36 1.70 0.00	56.54 3.10 0.00	61.39 3.15 0.00	65.36 3.52 0.00	71.04 3.51 0.00	98.37 1.93 0.00	111.34 0.00 0.00	127.65 0.89 0.00	104.42 2.15 0.00	80.12 3.89 0.00	64.05 4.30 0.00	59.26 2.77 0.00	47.29 1.78 0.00	43.01 2.36 0.00
EMPIRE_CC_1 323656	39.19 1.32 0.00	37.05 1.08 0.00	34.96 1.02 0.00	32.91 0.99 0.00	32.34 0.94 0.00	34.32 1.00 0.00	36.96 1.11 0.00	38.07 1.21 0.00	39.97 1.24 0.00	43.19 1.34 0.00	44.92 1.27 0.00	54.93 1.49 0.00	59.82 1.57 0.00	63.63 1.79 0.00	69.56 2.02 0.00	99.81 3.37 0.00	115.57 4.23 0.00	136.94 4.82 -5.36	122.88 3.79 -16.83	93.47 2.59 -14.64	76.09 1.73 -14.62	58.19 1.69 0.00	46.84 1.32 0.00	41.79 1.14 0.00
EMPIRE_CC_2 323658	39.19 1.32 0.00	37.05 1.08 0.00	34.96 1.02 0.00	32.91 0.99 0.00	32.34 0.94 0.00	34.32 1.00 0.00	36.96 1.11 0.00	38.07 1.21 0.00	39.97 1.24 0.00	43.19 1.34 0.00	44.92 1.27 0.00	54.93 1.49 0.00	59.82 1.57 0.00	63.63 1.79 0.00	69.56 2.02 0.00	99.81 3.37 0.00	115.57 4.23 0.00	136.94 4.82 -5.36	122.88 3.79 -16.83	93.47 2.59 -14.64	76.09 1.73 -14.62	58.19 1.69 0.00	46.84 1.32 0.00	41.79 1.14 0.00
ENORWICH_115KV_TB1 80156	41.59 3.67 -0.05	39.11 3.06 -0.08	36.69 2.72 -0.03	34.41 2.49 0.00	33.78 2.39 0.00	35.89 2.57 0.00	38.94 3.05 -0.05	40.54 3.69 0.00	42.53 3.80 0.00	45.91 3.93 -0.13	47.86 4.19 -0.02	59.79 5.88 -0.48	65.45 6.64 -0.57	69.04 6.99 -0.22	75.53 7.70 -0.30	108.99 10.80 -1.75	125.92 11.80 -2.78	144.24 14.20 -3.29	120.58 12.37 -5.93	90.02 10.14 -3.65	71.45 8.42 -3.28	64.22 7.51 -0.21	51.07 5.55 0.00	45.16 4.51 0.00
ERIE_ST__34_KV_TB1-2 80199	38.63 0.76 0.00	35.83 -0.14 0.00	33.34 -0.61 0.00	31.02 -0.89 0.00	30.52 -0.88 0.00	32.29 -1.03 0.00	34.92 -0.93 0.00	37.01 0.15 0.00	40.01 1.28 0.00	43.65 1.80 0.00	46.14 2.49 0.00	57.45 4.01 0.00	62.50 4.25 0.00	66.72 4.88 0.00	72.53 5.00 0.00	100.39 3.95 0.00	113.79 2.45 0.00	130.18 3.42 0.00	106.46 4.19 0.00	81.42 5.18 0.00	64.94 5.20 0.00	60.00 3.50 0.00	47.89 2.37 0.00	43.33 2.68 0.00
ERIE_WT_PWR 323693	38.67 0.80 0.00	35.79 -0.18 0.00	33.27 -0.68 0.00	30.96 -0.96 0.00	30.48 -0.91 0.00	32.52 -0.80 0.00	35.46 -0.39 0.00	36.71 -0.15 0.00	39.74 1.01 0.00	43.31 1.46 0.00	45.79 2.14 0.00	57.02 3.58 0.00	62.73 4.49 0.00	65.98 4.14 0.00	71.72 4.19 0.00	99.24 2.80 0.00	112.45 1.11 0.00	128.78 2.02 0.00	105.44 3.17 0.00	80.81 4.57 0.00	64.58 4.84 0.00	59.77 3.28 0.00	47.75 2.23 0.00	43.29 2.64 0.00
ESPRGFLD_115KV_TB1 80157	40.56 2.69 0.00	38.24 2.27 0.00	36.02 2.07 0.00	33.83 1.91 0.00	33.28 1.88 0.00	35.42 2.10 0.00	38.14 2.29 0.00	39.22 2.36 0.00	41.06 2.32 0.00	44.27 2.43 0.00	46.14 2.49 0.00	56.91 3.47 0.00	62.15 3.90 0.00	65.98 4.14 0.00	72.12 4.59 0.00	103.09 6.65 0.00	119.13 7.79 0.00	138.46 10.65 -1.05	155.18 9.31 -43.60	121.48 7.32 -37.93	103.47 5.85 -37.87	61.86 5.37 0.00	49.34 3.82 0.00	43.78 3.13 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	39.11 1.17 -0.07	36.91 0.83 -0.11	34.60 0.61 -0.04	32.43 0.51 0.00	31.90 0.50 0.00	33.89 0.57 0.00	36.67 0.75 -0.06	38.08 1.22 0.00	40.05 1.32 0.00	43.49 1.46 -0.18	45.33 1.66 -0.02	56.51 2.40 -0.66	61.66 2.62 -0.79	65.04 2.91 -0.30	71.19 3.24 -0.42	102.93 4.05 -2.44	119.66 4.45 -3.87	136.66 5.32 -4.58	111.80 4.81 -4.72	82.50 4.27 -1.99	64.82 3.58 -1.49	59.84 3.05 -0.30	47.66 2.14 0.00	42.48 1.83 0.00
ETNA____115KV_TB2 80207	39.11 1.17 -0.07	36.91 0.83 -0.11	34.60 0.61 -0.04	32.43 0.51 0.00	31.90 0.50 0.00	33.89 0.57 0.00	36.67 0.75 -0.06	38.08 1.22 0.00	40.05 1.32 0.00	43.49 1.46 -0.18	45.33 1.66 -0.02	56.51 2.40 -0.66	61.66 2.62 -0.79	65.04 2.91 -0.30	71.19 3.24 -0.42	102.93 4.05 -2.44	119.66 4.45 -3.87	136.66 5.32 -4.58	111.80 4.81 -4.72	82.50 4.27 -1.99	64.82 3.58 -1.49	59.84 3.05 -0.30	47.66 2.14 0.00	42.48 1.83 0.00
EUCLID____115KV_TB2 356179	37.66 -0.27 -0.06	35.63 -0.43 -0.09	33.44 -0.54 -0.03	31.37 -0.54 0.00	30.89 -0.50 0.00	32.76 -0.57 0.00	35.36 -0.54 -0.05	36.64 -0.22 0.00	38.58 -0.15 0.00	41.95 -0.04 -0.14	43.71 0.04 -0.02	54.31 0.32 -0.55	59.24 0.35 -0.65	62.52 0.43 -0.25	68.35 0.47 -0.35	98.74 0.29 -2.01	114.52 0.00 -3.18	130.65 0.13 -3.76	104.95 0.20 -2.47	77.18 0.53 -0.42	60.34 0.60 0.00	57.02 0.28 -0.24	45.61 0.09 0.00	40.77 0.12 0.00
E_CANADA_CAP_HY 24051	41.20 3.33 0.00	38.89 2.91 0.00	36.56 2.61 0.00	34.31 2.39 0.00	33.75 2.36 0.00	35.95 2.63 0.00	38.68 2.83 0.00	39.29 2.43 0.00	40.98 2.25 0.00	44.10 2.26 0.00	45.83 2.18 0.00	56.48 3.04 0.00	61.68 3.44 0.00	65.54 3.71 0.00	71.79 4.26 0.00	102.80 6.36 0.00	119.24 7.91 0.00	140.40 12.29 -1.35	169.83 11.05 -56.52	134.24 8.84 -49.16	115.94 7.11 -49.09	62.99 6.49 0.00	50.21 4.69 0.00	44.51 3.86 0.00
E_CANADA_MHWK_HY 24050	39.00 1.14 0.00	36.91 0.93 0.00	34.80 0.85 0.00	32.71 0.80 0.00	32.18 0.79 0.00	34.16 0.83 0.00	36.82 0.97 0.00	37.89 1.03 0.00	39.86 1.12 0.00	43.02 1.17 0.00	44.92 1.27 0.00	55.15 1.71 0.00	60.16 1.92 0.00	63.91 1.98 -0.10	69.69 2.16 0.00	99.43 2.99 0.00	114.67 3.34 0.00	130.56 3.80 0.00	105.44 3.17 0.00	78.60 2.37 0.00	61.60 1.85 0.00	58.25 1.75 0.00	46.93 1.41 0.00	41.83 1.18 0.00
E_FISHKILL____LBMP 23776	40.29 2.42 0.00	37.77 1.80 0.00	35.64 1.70 0.00	33.61 1.69 0.00	33.03 1.63 0.00	35.09 1.77 0.00	37.75 1.90 0.00	39.14 2.29 0.00	41.29 2.56 0.00	44.57 2.72 0.00	46.40 2.75 0.00	56.70 3.26 0.00	62.09 3.84 0.00	65.79 3.96 0.00	72.33 4.79 0.00	103.96 7.52 0.00	120.24 8.91 0.00	137.33 9.63 -0.94	115.50 7.26 -5.97	86.23 4.80 -5.19	67.97 3.05 -5.18	59.55 3.05 0.00	47.93 2.41 0.00	42.89 2.24 0.00
FALCON____SEABRD_CC1 323796	37.45 -0.42 0.00	36.08 0.11 0.00	34.15 0.20 0.00	31.98 0.06 0.00	31.49 0.09 0.00	33.49 0.17 0.00	35.92 0.07 0.00	36.82 -0.04 0.00	38.50 -0.23 0.00	41.68 -0.17 0.00	43.39 -0.26 0.00	50.98 -2.46 0.00	54.45 -3.78 0.01	55.89 -4.02 1.93	62.53 -5.00 0.00	89.40 -7.04 0.00	103.88 -7.46 0.00	118.01 -8.74 0.00	95.11 -7.16 0.00	70.74 -5.49 0.00	55.86 -3.88 0.00	53.62 -2.88 0.00	44.74 -0.77 0.00	40.45 -0.20 0.00

FALCON___SEABRD_CC2 323797	37.45 -0.42 0.00	36.08 0.11 0.00	34.15 0.20 0.00	31.98 0.06 0.00	31.49 0.09 0.00	33.49 0.17 0.00	35.92 0.07 0.00	36.82 -0.04 0.00	38.50 -0.23 0.00	41.68 -0.17 0.00	43.39 -0.26 0.00	50.98 -2.46 0.00	54.45 -3.78 0.01	55.89 -4.02 1.93	62.53 -5.00 0.00	89.40 -7.04 0.00	103.88 -7.46 0.00	118.01 -8.74 0.00	95.11 -7.16 0.00	70.74 -5.49 0.00	55.86 -3.88 0.00	53.62 -2.88 0.00	44.74 -0.77 0.00	40.45 -0.20 0.00
FAR ROCKAWAY___4 23548	45.33 4.24 -3.22	43.71 3.35 -4.39	40.19 3.06 -3.19	37.11 2.94 -2.26	35.16 2.86 -0.90	38.40 3.10 -1.98	39.15 3.30 0.00	42.03 3.94 -1.23	44.13 4.49 -0.90	46.49 4.64 0.00	48.63 4.98 0.00	68.90 5.72 -9.74	77.17 6.52 -12.40	104.47 6.31 -36.32	118.48 7.63 -43.32	142.74 11.57 -34.73	173.06 13.81 -47.92	183.96 14.96 -42.24	174.14 11.35 -60.51	88.99 7.70 -5.06	72.32 5.74 -6.84	72.34 5.65 -10.20	49.93 4.42 0.00	44.55 3.90 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	41.09 3.22 0.00	38.35 2.37 0.00	36.12 2.17 0.00	34.06 2.14 0.00	33.50 2.10 0.00	35.59 2.27 0.00	38.32 2.47 0.00	39.88 3.02 0.00	42.26 3.52 0.00	45.53 3.68 0.00	47.36 3.71 0.00	57.82 4.38 0.00	63.37 5.13 0.00	67.03 5.19 0.00	73.88 6.35 0.00	106.37 9.93 0.00	123.03 11.69 0.00	140.09 12.42 -0.91	117.39 9.31 -5.82	87.32 6.02 -5.06	68.50 3.70 -5.05	60.34 3.84 0.00	48.66 3.14 0.00	43.70 3.05 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	41.09 3.22 0.00	38.35 2.37 0.00	36.12 2.17 0.00	34.09 2.17 0.00	33.50 2.10 0.00	35.62 2.30 0.00	38.32 2.47 0.00	39.88 3.02 0.00	42.26 3.52 0.00	45.53 3.68 0.00	47.36 3.71 0.00	57.82 4.38 0.00	63.37 5.13 0.00	67.03 5.19 0.00	73.95 6.42 0.00	106.37 9.93 0.00	123.03 11.69 0.00	140.09 12.42 -0.91	117.39 9.31 -5.82	87.39 6.10 -5.06	68.56 3.76 -5.05	60.34 3.84 0.00	48.66 3.14 0.00	43.74 3.09 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	41.05 3.18 0.00	38.31 2.34 0.00	36.09 2.14 0.00	34.06 2.14 0.00	33.47 2.07 0.00	35.59 2.27 0.00	38.29 2.44 0.00	39.88 3.02 0.00	42.22 3.49 0.00	45.53 3.68 0.00	47.32 3.67 0.00	57.77 4.33 0.00	63.31 5.07 0.00	66.97 5.13 0.00	73.81 6.28 0.00	106.28 9.84 0.00	122.92 11.58 0.00	139.97 12.30 -0.91	117.19 9.10 -5.82	87.24 5.95 -5.06	68.44 3.64 -5.05	60.28 3.79 0.00	48.61 3.10 0.00	43.66 3.01 0.00
FARRAGUT___LBMP 323566	41.01 3.14 0.00	38.28 2.30 0.00	36.05 2.10 0.00	34.02 2.11 0.00	33.44 2.04 0.00	35.56 2.23 0.00	38.25 2.40 0.00	39.81 2.95 0.00	42.18 3.45 0.00	45.45 3.60 0.00	47.23 3.58 0.00	57.66 4.22 0.00	63.20 4.95 0.00	66.84 5.01 0.00	73.74 6.21 0.00	106.18 9.74 0.00	122.69 11.36 0.00	139.71 12.04 -0.91	117.09 9.00 -5.82	87.16 5.87 -5.06	68.38 3.58 -5.05	60.22 3.73 0.00	48.57 3.05 0.00	43.62 2.97 0.00
FENNER___WINDPWR 24204	39.13 1.21 -0.05	36.96 0.90 -0.08	34.72 0.75 -0.03	32.59 0.67 0.00	32.02 0.63 0.00	34.05 0.73 0.00	36.87 0.97 -0.05	38.04 1.18 0.00	40.01 1.28 0.00	43.36 1.38 -0.14	45.20 1.53 -0.02	56.15 2.19 -0.52	61.36 2.50 -0.62	64.67 2.60 -0.24	70.70 2.84 -0.33	102.10 3.76 -1.90	118.48 4.12 -3.02	135.27 4.94 -3.57	108.81 4.19 -2.35	80.14 3.51 -0.39	62.67 2.93 0.00	59.33 2.60 -0.23	47.39 1.87 0.00	42.11 1.46 0.00
FIBERTEK___ENERGY 23856	37.96 -0.04 -0.13	35.95 -0.22 -0.19	33.68 -0.34 -0.07	31.57 -0.35 0.00	31.05 -0.35 0.00	32.96 -0.37 0.00	35.64 -0.32 0.00	36.90 0.04 0.00	38.85 0.12 0.00	42.41 0.25 -0.32	44.04 0.35 -0.04	55.33 0.69 -1.20	60.43 0.76 -1.43	63.25 0.87 -0.55	69.31 1.01 -0.76	101.81 0.96 -4.41	119.22 0.89 -6.99	136.17 1.14 -8.27	108.73 1.02 -5.43	78.29 1.14 -0.91	60.76 1.02 0.00	57.77 0.73 -0.54	45.93 0.41 0.00	41.02 0.37 0.00
FITZPATRICK____ 23598	36.30 -0.87 0.70	33.90 -1.01 1.07	32.50 -1.05 0.39	30.93 -0.99 0.00	30.42 -0.97 0.00	32.29 -1.03 0.00	34.20 -1.00 0.65	35.97 -0.88 0.00	37.88 -0.85 0.00	39.20 -0.88 1.77	42.60 -0.83 0.22	45.90 -0.86 6.68	49.40 -0.87 7.97	57.80 -0.99 3.04	62.20 -1.08 4.25	70.00 -1.84 24.60	70.00 -2.34 38.99	78.09 -2.53 46.14	70.00 -1.95 30.32	70.00 -1.14 5.09	59.03 -0.71 0.00	52.60 -0.91 2.99	44.70 -0.82 0.00	39.96 -0.69 0.00
FLOWRFLD_69_KV_BK1 356044	45.03 3.94 -3.22	43.42 3.06 -4.39	39.99 2.85 -3.19	36.95 2.78 -2.26	35.03 2.73 -0.90	38.23 2.93 -1.98	38.90 3.05 0.00	41.81 3.72 -1.23	43.74 4.11 -0.90	45.82 3.98 0.00	47.98 4.32 0.00	62.60 5.13 -4.03	68.00 6.12 -3.64	80.20 6.68 -11.69	90.74 8.04 -15.17	124.25 12.15 -15.66	152.64 13.92 -27.38	233.19 15.34 -91.09	176.27 11.86 -62.14	143.46 8.31 -58.92	82.55 5.68 -17.13	72.13 5.42 -10.21	49.26 3.73 0.00	43.70 3.05 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	40.86 2.99 0.00	38.31 2.34 0.00	36.09 2.14 0.00	34.02 2.11 0.00	33.44 2.04 0.00	35.49 2.17 0.00	38.11 2.26 0.00	39.51 2.65 0.00	41.83 3.10 0.00	45.28 3.43 0.00	47.23 3.58 0.00	57.61 4.17 0.00	63.20 4.95 0.00	67.15 5.32 0.00	73.88 6.35 0.00	106.18 9.74 0.00	122.92 11.58 0.00	140.04 12.55 -0.73	117.71 9.41 -6.03	87.96 6.48 -5.25	69.23 4.24 -5.24	60.56 4.07 0.00	48.71 3.19 0.00	43.54 2.89 0.00
FORT ORANGE____ 23900	39.31 1.44 0.00	37.20 1.22 0.00	35.03 1.09 0.00	32.94 1.02 0.00	32.40 1.00 0.00	34.39 1.07 0.00	36.75 0.90 0.00	37.78 0.92 0.00	39.74 1.01 0.00	42.85 1.00 0.00	44.66 1.00 0.00	54.56 1.12 0.00	59.17 0.93 0.00	63.01 1.17 0.00	69.01 1.48 0.00	98.94 2.50 0.00	114.09 3.11 0.36	115.85 3.93 14.84	136.81 2.86 -31.68	106.92 1.98 -28.70	89.72 1.31 -28.66	57.85 1.35 0.00	46.84 1.32 0.00	42.07 1.42 0.00
FORT_DRUM_COGEN 23780	38.31 0.34 -0.10	36.31 0.18 -0.15	34.07 0.07 -0.06	32.01 0.10 0.00	31.43 0.03 0.00	33.32 0.00 0.00	36.12 0.18 -0.09	37.15 0.29 0.00	38.85 0.12 0.00	42.14 0.04 -0.25	43.60 -0.09 -0.03	54.51 0.11 -0.96	59.45 0.06 -1.14	61.83 -0.06 -0.06	68.01 -0.14 -0.61	99.97 0.00 -3.53	116.72 -0.22 -5.60	133.64 0.25 -6.63	107.44 0.82 -4.36	78.41 1.45 -0.73	61.36 1.61 0.00	58.28 1.36 -0.43	46.29 0.77 0.00	41.02 0.37 0.00
FOX_HILLS___ESR 323835	41.43 3.45 -0.11	38.54 2.55 -0.01	36.30 2.34 -0.01	34.25 2.33 -0.01	33.66 2.26 -0.01	35.83 2.50 -0.01	38.47 2.62 -0.01	39.88 3.02 0.00	42.10 3.37 0.00	45.45 3.60 0.00	47.23 3.58 0.00	74.06 4.17 -16.45	98.96 5.07 -35.65	73.78 4.88 -7.06	78.79 6.08 -5.18	111.38 9.74 -5.20	122.71 11.36 -0.02	144.31 11.92 -5.64	123.49 8.90 -12.32	97.87 5.72 -15.92	70.90 3.41 -7.75	70.67 3.67 -10.50	48.66 3.14 0.00	43.91 3.25 -0.01
FPL FAR_ROCK_GT1 24212	45.40 4.32 -3.22	43.78 3.42 -4.39	40.19 3.06 -3.19	37.11 2.93 -2.26	35.16 2.86 -0.90	38.33 3.03 -1.98	39.33 3.48 0.00	42.03 3.95 -1.23	44.20 4.57 -0.90	46.53 4.69 0.00	48.63 4.97 0.00	68.90 5.72 -9.74	77.06 6.41 -12.40	104.47 6.31 -36.32	118.48 7.63 -43.32	142.74 11.57 -34.73	173.06 13.80 -47.92	183.95 14.95 -42.24	174.13 11.35 -60.51	88.99 7.70 -5.06	72.32 5.74 -6.84	72.40 5.70 -10.20	49.98 4.46 0.00	44.43 3.78 0.00

FPL FAR_ROCK_GT2 23815	45.40 4.32 -3.22	43.78 3.42 -4.39	40.19 3.06 -3.19	37.11 2.93 -2.26	35.16 2.86 -0.90	38.33 3.03 -1.98	39.33 3.48 0.00	42.03 3.95 -1.23	44.20 4.57 -0.90	46.53 4.69 0.00	48.63 4.97 0.00	68.90 5.72 -9.74	77.06 6.41 -12.40	104.47 6.31 -36.32	118.48 7.63 -43.32	142.74 11.57 -34.73	173.06 13.80 -47.92	183.95 14.95 -42.24	174.13 11.35 -60.51	88.99 7.70 -5.06	72.32 5.74 -6.84	72.40 5.70 -10.20	49.98 4.46 0.00	44.43 3.78 0.00
FRANKLIN_FALL_HYD 24054	37.15 -0.72 0.00	35.79 -0.18 0.00	33.81 -0.14 0.00	31.66 -0.26 0.00	31.14 -0.25 0.00	33.12 -0.20 0.00	35.74 -0.11 0.00	36.38 -0.48 0.00	38.04 -0.70 0.00	40.97 -0.88 0.00	42.60 -1.05 0.00	51.30 -2.14 0.00	55.44 -2.80 0.01	56.94 -3.09 1.80	63.48 -4.05 0.00	90.85 -5.59 0.00	105.44 -5.90 0.00	119.91 -6.85 0.00	96.65 -5.62 0.00	71.89 -4.35 0.00	56.94 -2.81 0.00	54.52 -1.98 0.00	44.70 -0.82 0.00	39.71 -0.93 0.00
FREEPORT_EQUS_GT1 23764	44.95 3.86 -3.22	43.46 3.09 -4.39	39.88 2.75 -3.19	36.86 2.68 -2.26	34.90 2.60 -0.90	38.07 2.76 -1.98	39.04 3.19 0.00	41.66 3.57 -1.23	43.82 4.18 -0.90	45.99 4.14 0.00	47.84 4.19 0.00	69.66 4.91 -11.31	78.29 5.65 -14.40	109.95 6.18 -41.93	124.69 7.43 -49.73	146.89 11.37 -39.08	178.22 13.35 -53.53	186.45 14.57 -45.12	179.44 11.05 -66.12	88.77 7.48 -5.06	71.54 4.96 -6.84	71.83 5.14 -10.20	49.29 3.78 0.00	43.82 3.17 0.00
FREEPORT___CT2 23818	44.95 3.86 -3.22	43.46 3.09 -4.39	39.88 2.75 -3.19	36.86 2.68 -2.26	34.90 2.60 -0.90	38.07 2.76 -1.98	39.04 3.19 0.00	41.66 3.57 -1.23	43.82 4.18 -0.90	45.99 4.14 0.00	47.84 4.19 0.00	69.66 4.91 -11.31	78.29 5.65 -14.40	109.95 6.18 -41.93	124.69 7.43 -49.73	146.89 11.37 -39.08	178.22 13.35 -53.53	186.45 14.57 -45.12	179.44 11.05 -66.12	88.77 7.48 -5.06	71.54 4.96 -6.84	71.83 5.14 -10.20	49.29 3.78 0.00	43.82 3.17 0.00
FRESHKLS_33_KV_LOAD 356253	41.30 3.37 -0.06	38.54 2.55 -0.01	36.30 2.34 -0.01	34.22 2.30 -0.01	33.66 2.26 -0.01	35.83 2.50 -0.01	38.47 2.62 -0.01	39.88 3.02 0.00	42.02 3.29 0.01	44.94 3.52 0.42	45.38 3.54 1.81	46.02 4.11 11.54	46.45 5.01 16.80	48.59 4.88 18.13	57.67 6.01 15.87	88.16 9.74 18.02	105.36 11.36 17.33	121.84 12.04 16.96	98.44 9.00 12.83	68.22 5.79 13.81	50.11 3.47 13.10	45.40 3.67 14.76	45.44 3.10 3.17	43.91 3.25 -0.01
FULTON COGEN____ 23766	37.79 -0.30 -0.23	35.85 -0.47 -0.35	33.53 -0.54 -0.13	31.37 -0.54 0.00	30.86 -0.53 0.00	32.76 -0.57 0.00	35.49 -0.57 -0.21	36.60 -0.26 0.00	38.54 -0.19 0.00	42.30 -0.13 -0.57	43.64 -0.09 -0.07	55.72 0.11 -2.17	60.95 0.12 -2.59	63.01 0.19 -0.99	69.18 0.27 -1.38	104.44 0.00 -8.00	123.80 -0.22 -12.69	141.64 -0.13 -15.01	112.24 0.10 -9.87	78.27 0.38 -1.66	60.22 0.48 0.00	57.69 0.23 -0.97	45.52 0.00 0.00	40.73 0.08 0.00
FULTON___LFGE 323630	43.24 5.38 0.00	40.87 4.89 0.00	38.26 4.31 0.00	35.78 3.86 0.00	35.19 3.80 0.00	37.62 4.30 0.00	40.62 4.77 0.00	41.54 4.68 0.00	43.81 5.07 0.00	47.33 5.48 0.00	49.32 5.67 0.00	61.14 7.70 0.00	66.69 8.44 0.00	71.17 9.34 0.00	78.00 10.47 0.00	112.26 15.82 0.00	129.82 18.49 0.00	153.83 25.61 -1.46	183.72 20.15 -61.29	144.80 15.25 -53.32	124.82 11.83 -53.24	67.00 10.51 0.00	53.21 7.69 0.00	47.03 6.38 0.00
G.F.CEMENT___DRP 24184	41.09 3.22 0.00	38.82 2.84 0.00	36.49 2.55 0.00	34.18 2.27 0.00	33.63 2.23 0.00	35.82 2.50 0.00	38.50 2.65 0.00	39.55 2.69 0.00	41.79 3.06 0.00	45.40 3.56 0.00	47.01 3.36 0.00	57.93 4.49 0.00	63.20 4.95 0.00	67.09 5.26 0.00	73.47 5.94 0.00	105.41 8.97 0.00	121.80 10.47 0.00	144.59 13.56 -4.27	175.53 11.35 -61.90	138.62 8.54 -53.85	120.50 6.99 -53.77	62.71 6.21 0.00	49.98 4.46 0.00	44.39 3.74 0.00
GARDENVILLE___LBMP 24039	38.40 0.53 0.00	35.65 -0.32 0.00	33.17 -0.78 0.00	30.86 -1.05 0.00	30.39 -1.00 0.00	32.09 -1.23 0.00	34.63 -1.22 0.00	36.56 -0.29 0.00	39.55 0.81 0.00	43.14 1.30 0.00	45.57 1.92 0.00	56.81 3.37 0.00	61.68 3.44 0.00	65.67 3.83 0.00	71.38 3.85 0.00	98.85 2.41 0.00	112.01 0.67 0.00	128.28 1.52 0.00	104.93 2.66 0.00	80.50 4.27 0.00	64.34 4.60 0.00	59.55 3.05 0.00	47.52 2.00 0.00	43.13 2.48 0.00
GARDNVLA_35_KV_LD 355827	38.59 0.72 0.00	35.83 -0.14 0.00	33.30 -0.64 0.00	30.99 -0.93 0.00	30.52 -0.88 0.00	32.22 -1.10 0.00	34.77 -1.08 0.00	36.75 -0.11 0.00	39.74 1.01 0.00	43.35 1.51 0.00	45.84 2.18 0.00	57.13 3.69 0.00	62.09 3.84 0.00	66.16 4.33 0.00	71.85 4.32 0.00	99.53 3.09 0.00	112.67 1.34 0.00	129.17 2.41 0.00	105.65 3.37 0.00	80.96 4.73 0.00	64.70 4.96 0.00	59.83 3.33 0.00	47.75 2.23 0.00	43.33 2.68 0.00
GELCKHM___115KV_LOAD 80723	37.76 -0.19 -0.08	35.70 -0.40 -0.12	33.52 -0.48 -0.05	31.44 -0.48 0.00	30.92 -0.47 0.00	32.82 -0.50 0.00	35.46 -0.47 -0.08	36.71 -0.15 0.00	38.66 -0.08 0.00	42.09 0.04 -0.21	43.81 0.13 -0.03	54.64 0.43 -0.78	59.64 0.47 -0.93	62.75 0.56 -0.35	68.63 0.61 -0.49	99.78 0.48 -2.86	116.21 0.33 -4.53	132.50 0.38 -5.36	106.31 0.51 -3.53	77.51 0.69 -0.59	60.46 0.72 0.00	57.24 0.40 -0.35	45.70 0.18 0.00	40.81 0.16 0.00
GENERAL___MILLS 23808	38.51 0.64 0.00	35.76 -0.22 0.00	33.23 -0.71 0.00	30.93 -0.99 0.00	30.45 -0.94 0.00	32.16 -1.17 0.00	34.74 -1.11 0.00	36.67 -0.18 0.00	39.66 0.93 0.00	43.27 1.42 0.00	45.70 2.05 0.00	56.97 3.53 0.00	61.91 3.67 0.00	65.92 4.08 0.00	71.65 4.12 0.00	99.14 2.70 0.00	112.34 1.00 0.00	128.66 1.90 0.00	105.24 2.97 0.00	80.73 4.50 0.00	64.52 4.78 0.00	59.72 3.22 0.00	47.61 2.09 0.00	43.25 2.60 0.00
GE_PLASTICS___DRP 24183	39.08 1.21 0.00	36.94 0.97 0.00	34.90 0.95 0.00	32.84 0.93 0.00	32.27 0.88 0.00	34.29 0.97 0.00	36.78 0.93 0.00	37.93 1.07 0.00	39.82 1.08 0.00	43.02 1.17 0.00	44.83 1.18 0.00	54.88 1.44 0.00	59.18 0.93 0.00	62.82 0.99 0.00	68.75 1.22 0.00	98.37 1.93 0.00	107.00 2.34 6.68	107.00 2.66 22.43	107.00 1.94 -2.79	101.22 1.37 -23.61	84.22 0.90 -23.58	57.46 0.96 0.00	46.79 1.27 0.00	41.83 1.18 0.00
GILBOA___1 23756	39.31 1.44 0.00	37.20 1.22 0.00	35.31 1.36 0.00	33.23 1.31 0.00	32.68 1.29 0.00	34.66 1.33 0.00	37.39 1.54 0.00	38.33 1.48 0.00	40.09 1.35 0.00	43.31 1.46 0.00	45.14 1.49 0.00	55.26 1.82 0.00	60.23 1.98 0.00	63.69 1.85 0.00	69.63 2.10 0.00	99.52 3.09 0.00	114.90 3.56 0.00	130.69 3.93 0.00	108.79 2.97 -3.55	81.45 2.13 -3.09	64.38 1.55 -3.09	58.36 1.86 0.00	46.98 1.46 0.00	41.91 1.26 0.00
GILBOA___2 23757	39.31 1.44 0.00	37.20 1.22 0.00	35.31 1.36 0.00	33.23 1.31 0.00	32.68 1.29 0.00	34.66 1.33 0.00	37.39 1.54 0.00	38.33 1.48 0.00	40.09 1.35 0.00	43.31 1.46 0.00	45.14 1.49 0.00	55.26 1.82 0.00	60.23 1.98 0.00	63.69 1.85 0.00	69.63 2.10 0.00	99.52 3.09 0.00	114.90 3.56 0.00	130.69 3.93 0.00	108.79 2.97 -3.55	81.45 2.13 -3.09	64.38 1.55 -3.09	58.36 1.86 0.00	46.98 1.46 0.00	41.91 1.26 0.00

GILBOA___3 23758	39.31 1.44 0.00	37.20 1.22 0.00	35.31 1.36 0.00	33.23 1.31 0.00	32.68 1.29 0.00	34.66 1.33 0.00	37.39 1.54 0.00	38.33 1.48 0.00	40.09 1.35 0.00	43.31 1.46 0.00	45.14 1.49 0.00	55.26 1.82 0.00	60.23 1.98 0.00	63.69 1.85 0.00	69.63 2.10 0.00	99.52 3.09 0.00	114.90 3.56 0.00	130.69 3.93 0.00	108.79 2.97 -3.55	81.45 2.13 -3.09	64.38 1.55 -3.09	58.36 1.86 0.00	46.98 1.46 0.00	41.91 1.26 0.00
GILBOA___4 23759	39.31 1.44 0.00	37.20 1.22 0.00	35.31 1.36 0.00	33.23 1.31 0.00	32.68 1.29 0.00	34.66 1.33 0.00	37.39 1.54 0.00	38.33 1.48 0.00	40.09 1.35 0.00	43.31 1.46 0.00	45.14 1.49 0.00	55.26 1.82 0.00	60.23 1.98 0.00	63.69 1.85 0.00	69.63 2.10 0.00	99.52 3.09 0.00	114.90 3.56 0.00	130.69 3.93 0.00	108.79 2.97 -3.55	81.45 2.13 -3.09	64.38 1.55 -3.09	58.36 1.86 0.00	46.98 1.46 0.00	41.91 1.26 0.00
GILBOA___ 23599	39.27 1.40 0.00	37.16 1.19 0.00	35.30 1.36 0.00	33.23 1.31 0.00	32.68 1.29 0.00	34.69 1.37 0.00	37.28 1.43 0.00	38.33 1.47 0.00	40.05 1.32 0.00	43.27 1.42 0.00	45.14 1.48 0.00	55.26 1.82 0.00	60.34 2.10 0.00	63.69 1.86 0.00	69.62 2.09 0.00	99.53 3.09 0.00	114.90 3.56 0.00	130.69 3.93 0.00	108.79 2.97 -3.55	81.46 2.13 -3.09	64.38 1.55 -3.09	58.30 1.81 0.00	46.93 1.41 0.00	41.91 1.26 0.00
GINNA___ 23603	36.88 -0.98 0.00	34.53 -1.44 0.00	32.25 -1.70 0.00	30.13 -1.79 0.00	29.70 -1.70 0.00	31.62 -1.70 0.00	34.20 -1.65 0.00	35.53 -1.33 0.00	37.88 -0.85 0.00	41.18 -0.67 0.00	43.35 -0.30 0.00	53.71 0.27 0.00	58.71 0.46 0.00	62.08 0.25 0.00	67.46 -0.07 0.00	95.18 -1.26 0.00	108.66 -2.67 0.00	124.48 -2.28 0.00	100.94 -1.33 0.00	76.31 0.08 0.00	60.70 0.95 0.00	56.61 0.11 0.00	45.20 -0.32 0.00	40.69 0.04 0.00
GLEN PARK___ 23778	38.58 0.60 -0.11	36.57 0.43 -0.16	34.31 0.30 -0.06	32.20 0.29 0.00	31.62 0.22 0.00	33.56 0.23 0.00	36.41 0.46 -0.10	37.37 0.52 0.00	39.04 0.31 0.00	42.37 0.25 -0.27	43.86 0.18 -0.03	54.93 0.48 -1.01	59.97 0.52 -1.20	62.25 0.31 -0.10	68.44 0.27 -0.64	100.84 0.68 -3.72	117.79 0.56 -5.89	135.00 1.27 -6.97	108.48 1.63 -4.58	79.22 2.21 -0.77	62.07 2.33 0.00	58.92 1.98 -0.45	46.75 1.23 0.00	41.38 0.73 0.00
GLENDAL_27_KV_LOAD 356172	41.44 3.56 -0.01	38.60 2.63 0.00	36.36 2.41 0.00	34.31 2.39 0.00	33.72 2.32 0.00	35.86 2.53 0.00	38.54 2.69 0.00	40.07 3.21 0.00	42.49 3.76 0.00	45.78 3.93 0.00	47.54 3.89 0.00	57.92 4.49 0.01	61.97 5.30 1.58	64.51 5.19 2.52	71.74 6.42 2.21	104.37 10.13 2.19	123.13 11.80 0.01	138.20 12.55 1.11	114.72 9.41 -3.04	82.76 6.10 -0.43	60.10 3.82 3.47	55.97 3.95 4.48	48.89 3.37 0.00	44.10 3.46 0.00
GLENWOOD_IC_1_G5 23712	44.87 3.79 -3.22	43.32 2.95 -4.39	39.85 2.72 -3.19	36.82 2.65 -2.26	34.87 2.57 -0.90	38.07 2.77 -1.98	38.79 2.94 0.00	41.66 3.58 -1.23	43.74 4.11 -0.90	46.07 4.23 0.00	47.80 4.15 0.00	86.90 5.13 -28.33	100.31 6.00 -36.07	171.06 6.37 -102.86	194.43 7.56 -119.33	194.17 11.48 -86.26	239.26 13.47 -114.45	217.64 14.45 -76.43	240.36 11.05 -127.05	88.69 7.39 -5.06	71.49 4.90 -6.84	71.49 4.80 -10.20	48.89 3.37 0.00	44.02 3.37 0.00
GLENWOOD_IC_2_G1 23688	44.76 3.67 -3.22	43.28 2.91 -4.39	39.75 2.61 -3.19	36.70 2.52 -2.26	34.78 2.48 -0.90	37.90 2.60 -1.98	38.86 3.01 0.00	41.51 3.43 -1.23	43.66 4.03 -0.90	45.90 4.06 0.00	47.80 4.15 0.00	112.09 5.08 -53.57	132.27 5.82 -68.20	261.27 6.24 -193.20	297.49 7.43 -222.53	263.93 11.28 -156.21	329.37 13.24 -204.79	263.93 14.32 -122.85	330.60 10.95 -217.39	88.68 7.39 -5.06	71.54 4.96 -6.84	71.60 4.91 -10.20	49.07 3.55 0.00	43.62 2.97 0.00
GLENWOOD_IC_3_G1 23689	44.76 3.67 -3.22	43.28 2.91 -4.39	39.75 2.61 -3.19	36.70 2.52 -2.26	34.78 2.48 -0.90	37.90 2.60 -1.98	38.86 3.01 0.00	41.51 3.43 -1.23	43.66 4.03 -0.90	45.90 4.06 0.00	47.80 4.15 0.00	112.09 5.08 -53.57	132.27 5.82 -68.20	261.27 6.24 -193.20	297.49 7.43 -222.53	263.93 11.28 -156.21	329.37 13.24 -204.79	263.93 14.32 -122.85	330.60 10.95 -217.39	88.68 7.39 -5.06	71.54 4.96 -6.84	71.60 4.91 -10.20	49.07 3.55 0.00	43.62 2.97 0.00
GLENWOOD___4 23550	44.87 3.79 -3.22	43.32 2.95 -4.39	39.85 2.72 -3.19	36.82 2.65 -2.26	34.87 2.57 -0.90	38.07 2.77 -1.98	38.79 2.94 0.00	41.66 3.58 -1.23	43.74 4.11 -0.90	46.07 4.23 0.00	47.93 4.28 0.00	87.06 5.29 -28.33	100.43 6.12 -36.07	171.19 6.49 -102.86	194.63 7.77 -119.33	194.46 11.77 -86.26	239.49 13.69 -114.45	218.02 14.83 -76.43	240.67 11.35 -127.05	88.92 7.62 -5.06	71.67 5.08 -6.84	71.66 4.97 -10.20	49.02 3.50 0.00	44.02 3.37 0.00
GLENWOOD___5 23614	44.87 3.79 -3.22	43.32 2.95 -4.39	39.85 2.72 -3.19	36.82 2.65 -2.26	34.87 2.57 -0.90	38.07 2.77 -1.98	38.79 2.94 0.00	41.66 3.58 -1.23	43.74 4.11 -0.90	46.07 4.23 0.00	47.93 4.28 0.00	87.06 5.29 -28.33	100.43 6.12 -36.07	171.19 6.49 -102.86	194.63 7.77 -119.33	194.46 11.77 -86.26	239.49 13.69 -114.45	218.02 14.83 -76.43	240.67 11.35 -127.05	88.92 7.62 -5.06	71.67 5.08 -6.84	71.66 4.97 -10.20	49.02 3.50 0.00	44.02 3.37 0.00
GLOBAL GREEN_PORT_GT1 23814	46.62 5.53 -3.22	44.86 4.50 -4.39	41.21 4.07 -3.19	38.07 3.89 -2.26	36.10 3.80 -0.90	39.40 4.10 -1.98	40.51 4.66 0.00	43.39 5.31 -1.23	45.95 6.32 -0.90	48.37 6.53 0.00	51.38 7.73 0.00	67.32 9.78 -4.10	72.71 11.01 -3.45	85.07 12.06 -11.17	96.03 13.91 -14.59	131.85 20.16 -15.26	158.75 23.05 -24.37	217.32 25.49 -65.07	177.53 20.25 -55.01	135.38 13.80 -45.35	84.08 9.80 -14.53	75.80 9.10 -10.21	51.71 6.19 0.00	45.44 4.79 0.00
GLOBE___DSASP 323697	36.88 -0.98 0.00	34.28 -1.69 0.00	31.91 -2.04 0.00	29.65 -2.27 0.00	29.20 -2.20 0.00	30.76 -2.57 0.00	33.16 -2.69 0.00	34.76 -2.10 0.00	37.73 -1.01 0.00	41.09 -0.75 0.00	43.43 -0.22 0.00	54.13 0.69 0.00	58.71 0.47 0.00	62.33 0.49 0.00	67.67 0.14 0.00	93.64 -2.80 0.00	105.88 -5.46 0.00	121.69 -5.07 0.00	99.51 -2.76 0.00	76.77 0.53 0.00	61.54 1.79 0.00	57.00 0.51 0.00	45.47 -0.05 0.00	41.54 0.89 0.00
GOETHSLN___LBMP 323567	40.86 2.99 0.00	38.10 2.12 0.00	35.88 1.93 0.00	33.83 1.91 0.00	33.28 1.88 0.00	35.36 2.03 0.00	38.07 2.22 0.00	39.62 2.76 0.00	41.95 3.21 0.00	44.74 3.31 0.41	45.13 3.27 1.80	45.76 3.85 11.53	45.99 4.54 16.79	48.28 4.58 18.13	57.41 5.74 15.86	87.49 9.07 18.01	104.70 10.69 17.32	121.09 11.28 16.96	97.73 8.28 12.82	67.77 5.34 13.80	49.82 3.17 13.09	45.07 3.33 14.75	45.09 2.73 3.16	43.37 2.72 0.00
GOLAH___69_KV_TB 1_2 80279	38.74 0.87 0.00	36.23 0.25 0.00	33.74 -0.20 0.00	31.44 -0.48 0.00	31.02 -0.38 0.00	32.79 -0.53 0.00	35.24 -0.61 0.00	37.01 0.15 0.00	39.51 0.77 0.00	42.85 1.00 0.00	45.14 1.48 0.00	55.90 2.46 0.00	60.57 2.33 0.00	64.49 2.66 0.00	70.16 2.63 0.00	98.37 1.93 0.00	112.01 0.67 0.00	128.66 1.90 0.00	104.73 2.45 0.00	79.74 3.51 0.00	63.57 3.82 0.00	59.09 2.60 0.00	47.20 1.68 0.00	42.72 2.07 0.00

GOODYEAR_LAKE_HYD 323669	39.95 2.08 0.00	37.66 1.69 0.00	35.54 1.60 0.00	33.45 1.53 0.00	32.87 1.48 0.00	34.96 1.63 0.00	37.68 1.83 0.00	38.92 2.06 0.00	40.90 2.17 0.00	44.15 2.30 0.00	46.10 2.44 0.00	56.75 3.31 0.00	61.97 3.73 0.00	65.67 3.83 0.00	71.79 4.25 0.00	102.61 6.17 0.00	118.13 6.79 0.00	135.48 8.24 -0.48	128.02 6.85 -18.90	97.94 5.26 -16.44	80.34 4.18 -16.42	60.39 3.90 0.00	48.34 2.82 0.00	43.01 2.36 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	38.71 0.80 -0.05	36.44 0.40 -0.07	34.21 0.24 -0.03	32.04 0.13 0.00	31.52 0.13 0.00	33.49 0.17 0.00	36.18 0.29 -0.04	37.67 0.81 0.00	39.78 1.05 0.00	43.26 1.30 -0.12	45.20 1.53 -0.01	56.19 2.30 -0.45	61.35 2.56 -0.54	64.76 2.72 -0.21	70.79 2.97 -0.29	101.48 3.38 -1.66	117.31 3.34 -2.63	133.93 4.06 -3.12	110.42 3.68 -4.47	82.12 3.43 -2.45	64.84 2.99 -2.10	59.13 2.43 -0.20	47.25 1.73 0.00	42.24 1.59 0.00
GOUDEY___7 23579	38.75 0.83 -0.05	36.48 0.43 -0.07	34.24 0.27 -0.03	32.08 0.16 0.00	31.55 0.16 0.00	33.52 0.20 0.00	36.22 0.32 -0.04	37.71 0.85 0.00	39.86 1.12 0.00	43.30 1.34 -0.12	45.24 1.57 -0.01	56.24 2.35 -0.45	61.40 2.62 -0.54	64.88 2.84 -0.21	70.92 3.11 -0.29	101.67 3.57 -1.66	117.53 3.56 -2.63	134.06 4.18 -3.12	110.53 3.78 -4.47	82.27 3.58 -2.45	64.90 3.05 -2.10	59.24 2.54 -0.20	47.29 1.78 0.00	42.28 1.63 0.00
GOUDEY___8 23580	38.71 0.80 -0.05	36.44 0.40 -0.07	34.21 0.24 -0.03	32.04 0.13 0.00	31.52 0.13 0.00	33.49 0.17 0.00	36.18 0.29 -0.04	37.67 0.81 0.00	39.78 1.05 0.00	43.26 1.30 -0.12	45.20 1.53 -0.01	56.19 2.30 -0.45	61.35 2.56 -0.54	64.76 2.72 -0.21	70.79 2.97 -0.29	101.48 3.38 -1.66	117.31 3.34 -2.63	133.93 4.06 -3.12	110.42 3.68 -4.47	82.12 3.43 -2.45	64.84 2.99 -2.10	59.13 2.43 -0.20	47.25 1.73 0.00	42.24 1.59 0.00
GOWANUS_GT1_1 24077	41.54 3.56 -0.11	38.64 2.66 -0.01	36.40 2.44 -0.01	34.32 2.39 -0.01	33.73 2.32 -0.01	35.90 2.57 -0.01	38.55 2.69 -0.01	39.99 3.13 0.00	42.30 3.56 0.00	45.61 3.77 0.00	47.45 3.80 0.00	74.27 4.38 -16.45	99.13 5.24 -35.65	74.03 5.13 -7.06	78.99 6.28 -5.18	111.58 9.93 -5.20	122.93 11.58 -0.02	144.57 12.17 -5.64	123.69 9.10 -12.32	98.02 5.87 -15.92	71.08 3.58 -7.75	70.84 3.84 -10.50	48.80 3.28 0.00	44.07 3.41 -0.01
GOWANUS_GT1_2 24078	41.54 3.56 -0.11	38.64 2.66 -0.01	36.40 2.44 -0.01	34.32 2.39 -0.01	33.73 2.32 -0.01	35.90 2.57 -0.01	38.55 2.69 -0.01	39.99 3.13 0.00	42.30 3.56 0.00	45.61 3.77 0.00	47.45 3.80 0.00	74.27 4.38 -16.45	99.13 5.24 -35.65	74.03 5.13 -7.06	78.99 6.28 -5.18	111.58 9.93 -5.20	122.93 11.58 -0.02	144.57 12.17 -5.64	123.69 9.10 -12.32	98.02 5.87 -15.92	71.08 3.58 -7.75	70.84 3.84 -10.50	48.80 3.28 0.00	44.07 3.41 -0.01
GOWANUS_GT1_3 24079	41.54 3.56 -0.11	38.64 2.66 -0.01	36.40 2.44 -0.01	34.32 2.39 -0.01	33.73 2.32 -0.01	35.90 2.57 -0.01	38.55 2.69 -0.01	39.99 3.13 0.00	42.30 3.56 0.00	45.61 3.77 0.00	47.45 3.80 0.00	74.27 4.38 -16.45	99.13 5.24 -35.65	74.03 5.13 -7.06	78.99 6.28 -5.18	111.58 9.93 -5.20	122.93 11.58 -0.02	144.57 12.17 -5.64	123.69 9.10 -12.32	98.02 5.87 -15.92	71.08 3.58 -7.75	70.84 3.84 -10.50	48.80 3.28 0.00	44.07 3.41 -0.01
GOWANUS_GT1_4 24080	41.54 3.56 -0.11	38.64 2.66 -0.01	36.40 2.44 -0.01	34.32 2.39 -0.01	33.73 2.32 -0.01	35.90 2.57 -0.01	38.55 2.69 -0.01	39.99 3.13 0.00	42.30 3.56 0.00	45.61 3.77 0.00	47.45 3.80 0.00	74.27 4.38 -16.45	99.13 5.24 -35.65	74.03 5.13 -7.06	78.99 6.28 -5.18	111.58 9.93 -5.20	122.93 11.58 -0.02	144.57 12.17 -5.64	123.69 9.10 -12.32	98.02 5.87 -15.92	71.08 3.58 -7.75	70.84 3.84 -10.50	48.80 3.28 0.00	44.07 3.41 -0.01
GOWANUS_GT1_5 24084	41.54 3.56 -0.11	38.64 2.66 -0.01	36.40 2.44 -0.01	34.32 2.39 -0.01	33.73 2.32 -0.01	35.90 2.57 -0.01	38.55 2.69 -0.01	39.99 3.13 0.00	42.30 3.56 0.00	45.61 3.77 0.00	47.45 3.80 0.00	74.27 4.38 -16.45	99.13 5.24 -35.65	74.03 5.13 -7.06	78.99 6.28 -5.18	111.58 9.93 -5.20	122.93 11.58 -0.02	144.57 12.17 -5.64	123.69 9.10 -12.32	98.02 5.87 -15.92	71.08 3.58 -7.75	70.84 3.84 -10.50	48.80 3.28 0.00	44.07 3.41 -0.01
GOWANUS_GT1_6 24111	41.54 3.56 -0.11	38.64 2.66 -0.01	36.40 2.44 -0.01	34.32 2.39 -0.01	33.73 2.32 -0.01	35.90 2.57 -0.01	38.55 2.69 -0.01	39.99 3.13 0.00	42.30 3.56 0.00	45.61 3.77 0.00	47.45 3.80 0.00	74.27 4.38 -16.45	99.13 5.24 -35.65	74.03 5.13 -7.06	78.99 6.28 -5.18	111.58 9.93 -5.20	122.93 11.58 -0.02	144.57 12.17 -5.64	123.69 9.10 -12.32	98.02 5.87 -15.92	71.08 3.58 -7.75	70.84 3.84 -10.50	48.80 3.28 0.00	44.07 3.41 -0.01
GOWANUS_GT1_7 24112	41.54 3.56 -0.11	38.64 2.66 -0.01	36.40 2.44 -0.01	34.32 2.39 -0.01	33.73 2.32 -0.01	35.90 2.57 -0.01	38.55 2.69 -0.01	39.99 3.13 0.00	42.30 3.56 0.00	45.61 3.77 0.00	47.45 3.80 0.00	74.27 4.38 -16.45	99.13 5.24 -35.65	74.03 5.13 -7.06	78.99 6.28 -5.18	111.58 9.93 -5.20	122.93 11.58 -0.02	144.57 12.17 -5.64	123.69 9.10 -12.32	98.02 5.87 -15.92	71.08 3.58 -7.75	70.84 3.84 -10.50	48.80 3.28 0.00	44.07 3.41 -0.01
GOWANUS_GT1_8 24113	41.54 3.56 -0.11	38.64 2.66 -0.01	36.40 2.44 -0.01	34.32 2.39 -0.01	33.73 2.32 -0.01	35.90 2.57 -0.01	38.55 2.69 -0.01	39.99 3.13 0.00	42.30 3.56 0.00	45.61 3.77 0.00	47.45 3.80 0.00	74.27 4.38 -16.45	99.13 5.24 -35.65	74.03 5.13 -7.06	78.99 6.28 -5.18	111.58 9.93 -5.20	122.93 11.58 -0.02	144.57 12.17 -5.64	123.69 9.10 -12.32	98.02 5.87 -15.92	71.08 3.58 -7.75	70.84 3.84 -10.50	48.80 3.28 0.00	44.07 3.41 -0.01
GOWANUS_GT2_1 24114	41.58 3.60 -0.11	38.71 2.73 -0.01	36.40 2.45 -0.01	34.32 2.39 -0.01	33.73 2.32 -0.01	35.80 2.47 -0.01	38.69 2.83 -0.01	40.03 3.17 0.00	42.42 3.68 0.00	45.65 3.81 0.00	47.41 3.75 0.00	74.32 4.43 -16.45	98.90 5.01 -35.65	74.02 5.13 -7.06	79.00 6.28 -5.18	111.67 10.03 -5.20	122.93 11.58 -0.02	144.57 12.17 -5.64	123.69 9.10 -12.32	98.02 5.87 -15.92	71.08 3.58 -7.75	70.89 3.90 -10.50	48.89 3.37 0.00	44.07 3.42 -0.01
GOWANUS_GT2_2 24115	41.58 3.60 -0.11	38.71 2.73 -0.01	36.40 2.45 -0.01	34.32 2.39 -0.01	33.73 2.32 -0.01	35.80 2.47 -0.01	38.69 2.83 -0.01	40.03 3.17 0.00	42.42 3.68 0.00	45.65 3.81 0.00	47.41 3.75 0.00	74.32 4.43 -16.45	98.90 5.01 -35.65	74.02 5.13 -7.06	79.00 6.28 -5.18	111.67 10.03 -5.20	122.93 11.58 -0.02	144.57 12.17 -5.64	123.69 9.10 -12.32	98.02 5.87 -15.92	71.08 3.58 -7.75	70.89 3.90 -10.50	48.89 3.37 0.00	44.07 3.42 -0.01
GOWANUS_GT2_3 24116	41.58 3.60 -0.11	38.71 2.73 -0.01	36.40 2.45 -0.01	34.32 2.39 -0.01	33.73 2.32 -0.01	35.80 2.47 -0.01	38.69 2.83 -0.01	40.03 3.17 0.00	42.42 3.68 0.00	45.65 3.81 0.00	47.41 3.75 0.00	74.32 4.43 -16.45	98.90 5.01 -35.65	74.02 5.13 -7.06	79.00 6.28 -5.18	111.67 10.03 -5.20	122.93 11.58 -0.02	144.57 12.17 -5.64	123.69 9.10 -12.32	98.02 5.87 -15.92	71.08 3.58 -7.75	70.89 3.90 -10.50	48.89 3.37 0.00	44.07 3.42 -0.01

GOWANUS_GT2_4 24117	41.58 3.60 -0.11	38.71 2.73 -0.01	36.40 2.45 -0.01	34.32 2.39 -0.01	33.73 2.32 -0.01	35.80 2.47 -0.01	38.69 2.83 -0.01	40.03 3.17 0.00	42.42 3.68 0.00	45.65 3.81 0.00	47.41 3.75 0.00	74.32 4.43 -16.45	98.90 5.01 -35.65	74.02 5.13 -7.06	79.00 6.28 -5.18	111.67 10.03 -5.20	122.93 11.58 -0.02	144.57 12.17 -5.64	123.69 9.10 -12.32	98.02 5.87 -15.92	71.08 3.58 -7.75	70.89 3.90 -10.50	48.89 3.37 0.00	44.07 3.42 -0.01
GOWANUS_GT2_5 24118	41.58 3.60 -0.11	38.71 2.73 -0.01	36.40 2.45 -0.01	34.32 2.39 -0.01	33.73 2.32 -0.01	35.80 2.47 -0.01	38.69 2.83 -0.01	40.03 3.17 0.00	42.42 3.68 0.00	45.65 3.81 0.00	47.41 3.75 0.00	74.32 4.43 -16.45	98.90 5.01 -35.65	74.02 5.13 -7.06	79.00 6.28 -5.18	111.67 10.03 -5.20	122.93 11.58 -0.02	144.57 12.17 -5.64	123.69 9.10 -12.32	98.02 5.87 -15.92	71.08 3.58 -7.75	70.89 3.90 -10.50	48.89 3.37 0.00	44.07 3.42 -0.01
GOWANUS_GT2_6 24119	41.58 3.60 -0.11	38.71 2.73 -0.01	36.40 2.45 -0.01	34.32 2.39 -0.01	33.73 2.32 -0.01	35.80 2.47 -0.01	38.69 2.83 -0.01	40.03 3.17 0.00	42.42 3.68 0.00	45.65 3.81 0.00	47.41 3.75 0.00	74.32 4.43 -16.45	98.90 5.01 -35.65	74.02 5.13 -7.06	79.00 6.28 -5.18	111.67 10.03 -5.20	122.93 11.58 -0.02	144.57 12.17 -5.64	123.69 9.10 -12.32	98.02 5.87 -15.92	71.08 3.58 -7.75	70.89 3.90 -10.50	48.89 3.37 0.00	44.07 3.42 -0.01
GOWANUS_GT2_7 24120	41.58 3.60 -0.11	38.71 2.73 -0.01	36.40 2.45 -0.01	34.32 2.39 -0.01	33.73 2.32 -0.01	35.80 2.47 -0.01	38.69 2.83 -0.01	40.03 3.17 0.00	42.42 3.68 0.00	45.65 3.81 0.00	47.41 3.75 0.00	74.32 4.43 -16.45	98.90 5.01 -35.65	74.02 5.13 -7.06	79.00 6.28 -5.18	111.67 10.03 -5.20	122.93 11.58 -0.02	144.57 12.17 -5.64	123.69 9.10 -12.32	98.02 5.87 -15.92	71.08 3.58 -7.75	70.89 3.90 -10.50	48.89 3.37 0.00	44.07 3.42 -0.01
GOWANUS_GT2_8 24121	41.58 3.60 -0.11	38.71 2.73 -0.01	36.40 2.45 -0.01	34.32 2.39 -0.01	33.73 2.32 -0.01	35.80 2.47 -0.01	38.69 2.83 -0.01	40.03 3.17 0.00	42.42 3.68 0.00	45.65 3.81 0.00	47.41 3.75 0.00	74.32 4.43 -16.45	98.90 5.01 -35.65	74.02 5.13 -7.06	79.00 6.28 -5.18	111.67 10.03 -5.20	122.93 11.58 -0.02	144.57 12.17 -5.64	123.69 9.10 -12.32	98.02 5.87 -15.92	71.08 3.58 -7.75	70.89 3.90 -10.50	48.89 3.37 0.00	44.07 3.42 -0.01
GOWANUS_GT3_1 24122	41.58 3.60 -0.11	38.71 2.73 -0.01	36.40 2.45 -0.01	34.32 2.39 -0.01	33.73 2.32 -0.01	35.80 2.47 -0.01	38.69 2.83 -0.01	40.03 3.17 0.00	42.42 3.68 0.00	45.65 3.81 0.00	47.41 3.75 0.00	74.32 4.43 -16.45	98.90 5.01 -35.65	74.02 5.13 -7.06	79.00 6.28 -5.18	111.67 10.03 -5.20	122.93 11.58 -0.02	144.57 12.17 -5.64	123.69 9.10 -12.32	98.02 5.87 -15.92	71.08 3.58 -7.75	70.89 3.90 -10.50	48.89 3.37 0.00	44.07 3.42 -0.01
GOWANUS_GT3_2 24123	41.58 3.60 -0.11	38.71 2.73 -0.01	36.40 2.45 -0.01	34.32 2.39 -0.01	33.73 2.32 -0.01	35.80 2.47 -0.01	38.69 2.83 -0.01	40.03 3.17 0.00	42.42 3.68 0.00	45.65 3.81 0.00	47.41 3.75 0.00	74.32 4.43 -16.45	98.90 5.01 -35.65	74.02 5.13 -7.06	79.00 6.28 -5.18	111.67 10.03 -5.20	122.93 11.58 -0.02	144.57 12.17 -5.64	123.69 9.10 -12.32	98.02 5.87 -15.92	71.08 3.58 -7.75	70.89 3.90 -10.50	48.89 3.37 0.00	44.07 3.42 -0.01
GOWANUS_GT3_3 24124	41.58 3.60 -0.11	38.71 2.73 -0.01	36.40 2.45 -0.01	34.32 2.39 -0.01	33.73 2.32 -0.01	35.80 2.47 -0.01	38.69 2.83 -0.01	40.03 3.17 0.00	42.42 3.68 0.00	45.65 3.81 0.00	47.41 3.75 0.00	74.32 4.43 -16.45	98.90 5.01 -35.65	74.02 5.13 -7.06	79.00 6.28 -5.18	111.67 10.03 -5.20	122.93 11.58 -0.02	144.57 12.17 -5.64	123.69 9.10 -12.32	98.02 5.87 -15.92	71.08 3.58 -7.75	70.89 3.90 -10.50	48.89 3.37 0.00	44.07 3.42 -0.01
GOWANUS_GT3_4 24125	41.58 3.60 -0.11	38.71 2.73 -0.01	36.40 2.45 -0.01	34.32 2.39 -0.01	33.73 2.32 -0.01	35.80 2.47 -0.01	38.69 2.83 -0.01	40.03 3.17 0.00	42.42 3.68 0.00	45.65 3.81 0.00	47.41 3.75 0.00	74.32 4.43 -16.45	98.90 5.01 -35.65	74.02 5.13 -7.06	79.00 6.28 -5.18	111.67 10.03 -5.20	122.93 11.58 -0.02	144.57 12.17 -5.64	123.69 9.10 -12.32	98.02 5.87 -15.92	71.08 3.58 -7.75	70.89 3.90 -10.50	48.89 3.37 0.00	44.07 3.42 -0.01
GOWANUS_GT3_5 24126	41.58 3.60 -0.11	38.71 2.73 -0.01	36.40 2.45 -0.01	34.32 2.39 -0.01	33.73 2.32 -0.01	35.80 2.47 -0.01	38.69 2.83 -0.01	40.03 3.17 0.00	42.42 3.68 0.00	45.65 3.81 0.00	47.41 3.75 0.00	74.32 4.43 -16.45	98.90 5.01 -35.65	74.02 5.13 -7.06	79.00 6.28 -5.18	111.67 10.03 -5.20	122.93 11.58 -0.02	144.57 12.17 -5.64	123.69 9.10 -12.32	98.02 5.87 -15.92	71.08 3.58 -7.75	70.89 3.90 -10.50	48.89 3.37 0.00	44.07 3.42 -0.01
GOWANUS_GT3_6 24127	41.58 3.60 -0.11	38.71 2.73 -0.01	36.40 2.45 -0.01	34.32 2.39 -0.01	33.73 2.32 -0.01	35.80 2.47 -0.01	38.69 2.83 -0.01	40.03 3.17 0.00	42.42 3.68 0.00	45.65 3.81 0.00	47.41 3.75 0.00	74.32 4.43 -16.45	98.90 5.01 -35.65	74.02 5.13 -7.06	79.00 6.28 -5.18	111.67 10.03 -5.20	122.93 11.58 -0.02	144.57 12.17 -5.64	123.69 9.10 -12.32	98.02 5.87 -15.92	71.08 3.58 -7.75	70.89 3.90 -10.50	48.89 3.37 0.00	44.07 3.42 -0.01
GOWANUS_GT3_7 24128	41.58 3.60 -0.11	38.71 2.73 -0.01	36.40 2.45 -0.01	34.32 2.39 -0.01	33.73 2.32 -0.01	35.80 2.47 -0.01	38.69 2.83 -0.01	40.03 3.17 0.00	42.42 3.68 0.00	45.65 3.81 0.00	47.41 3.75 0.00	74.32 4.43 -16.45	98.90 5.01 -35.65	74.02 5.13 -7.06	79.00 6.28 -5.18	111.67 10.03 -5.20	122.93 11.58 -0.02	144.57 12.17 -5.64	123.69 9.10 -12.32	98.02 5.87 -15.92	71.08 3.58 -7.75	70.89 3.90 -10.50	48.89 3.37 0.00	44.07 3.42 -0.01
GOWANUS_GT3_8 24129	41.58 3.60 -0.11	38.71 2.73 -0.01	36.40 2.45 -0.01	34.32 2.39 -0.01	33.73 2.32 -0.01	35.80 2.47 -0.01	38.69 2.83 -0.01	40.03 3.17 0.00	42.42 3.68 0.00	45.65 3.81 0.00	47.41 3.75 0.00	74.32 4.43 -16.45	98.90 5.01 -35.65	74.02 5.13 -7.06	79.00 6.28 -5.18	111.67 10.03 -5.20	122.93 11.58 -0.02	144.57 12.17 -5.64	123.69 9.10 -12.32	98.02 5.87 -15.92	71.08 3.58 -7.75	70.89 3.90 -10.50	48.89 3.37 0.00	44.07 3.42 -0.01
GOWANUS_GT4_1 24130	41.54 3.56 -0.11	38.64 2.66 -0.01	36.40 2.44 -0.01	34.32 2.39 -0.01	33.73 2.32 -0.01	35.90 2.57 -0.01	38.55 2.69 -0.01	39.99 3.13 0.00	42.30 3.56 0.00	45.61 3.77 0.00	47.45 3.80 0.00	74.27 4.38 -16.45	99.13 5.24 -35.65	74.03 5.13 -7.06	78.99 6.28 -5.18	111.58 9.93 -5.20	122.93 11.58 -0.02	144.57 12.17 -5.64	123.69 9.10 -12.32	98.02 5.87 -15.92	71.08 3.58 -7.75	70.84 3.84 -10.50	48.80 3.28 0.00	44.07 3.41 -0.01
GOWANUS_GT4_2 24131	41.54 3.56 -0.11	38.64 2.66 -0.01	36.40 2.44 -0.01	34.32 2.39 -0.01	33.73 2.32 -0.01	35.90 2.57 -0.01	38.55 2.69 -0.01	39.99 3.13 0.00	42.30 3.56 0.00	45.61 3.77 0.00	47.45 3.80 0.00	74.27 4.38 -16.45	99.13 5.24 -35.65	74.03 5.13 -7.06	78.99 6.28 -5.18	111.58 9.93 -5.20	122.93 11.58 -0.02	144.57 12.17 -5.64	123.69 9.10 -12.32	98.02 5.87 -15.92	71.08 3.58 -7.75	70.84 3.84 -10.50	48.80 3.28 0.00	44.07 3.41 -0.01

GOWANUS_GT4_3 24132	41.54 3.56 -0.11	38.64 2.66 -0.01	36.40 2.44 -0.01	34.32 2.39 -0.01	33.73 2.32 -0.01	35.90 2.57 -0.01	38.55 2.69 -0.01	39.99 3.13 0.00	42.30 3.56 0.00	45.61 3.77 0.00	47.45 3.80 0.00	74.27 4.38 -16.45	99.13 5.24 -35.65	74.03 5.13 -7.06	78.99 6.28 -5.18	111.58 9.93 -5.20	122.93 11.58 -0.02	144.57 12.17 -5.64	123.69 9.10 -12.32	98.02 5.87 -15.92	71.08 3.58 -7.75	70.84 3.84 -10.50	48.80 3.28 0.00	44.07 3.41 -0.01
GOWANUS_GT4_4 24133	41.54 3.56 -0.11	38.64 2.66 -0.01	36.40 2.44 -0.01	34.32 2.39 -0.01	33.73 2.32 -0.01	35.90 2.57 -0.01	38.55 2.69 -0.01	39.99 3.13 0.00	42.30 3.56 0.00	45.61 3.77 0.00	47.45 3.80 0.00	74.27 4.38 -16.45	99.13 5.24 -35.65	74.03 5.13 -7.06	78.99 6.28 -5.18	111.58 9.93 -5.20	122.93 11.58 -0.02	144.57 12.17 -5.64	123.69 9.10 -12.32	98.02 5.87 -15.92	71.08 3.58 -7.75	70.84 3.84 -10.50	48.80 3.28 0.00	44.07 3.41 -0.01
GOWANUS_GT4_5 24134	41.54 3.56 -0.11	38.64 2.66 -0.01	36.40 2.44 -0.01	34.32 2.39 -0.01	33.73 2.32 -0.01	35.90 2.57 -0.01	38.55 2.69 -0.01	39.99 3.13 0.00	42.30 3.56 0.00	45.61 3.77 0.00	47.45 3.80 0.00	74.27 4.38 -16.45	99.13 5.24 -35.65	74.03 5.13 -7.06	78.99 6.28 -5.18	111.58 9.93 -5.20	122.93 11.58 -0.02	144.57 12.17 -5.64	123.69 9.10 -12.32	98.02 5.87 -15.92	71.08 3.58 -7.75	70.84 3.84 -10.50	48.80 3.28 0.00	44.07 3.41 -0.01
GOWANUS_GT4_6 24135	41.54 3.56 -0.11	38.64 2.66 -0.01	36.40 2.44 -0.01	34.32 2.39 -0.01	33.73 2.32 -0.01	35.90 2.57 -0.01	38.55 2.69 -0.01	39.99 3.13 0.00	42.30 3.56 0.00	45.61 3.77 0.00	47.45 3.80 0.00	74.27 4.38 -16.45	99.13 5.24 -35.65	74.03 5.13 -7.06	78.99 6.28 -5.18	111.58 9.93 -5.20	122.93 11.58 -0.02	144.57 12.17 -5.64	123.69 9.10 -12.32	98.02 5.87 -15.92	71.08 3.58 -7.75	70.84 3.84 -10.50	48.80 3.28 0.00	44.07 3.41 -0.01
GOWANUS_GT4_7 24136	41.54 3.56 -0.11	38.64 2.66 -0.01	36.40 2.44 -0.01	34.32 2.39 -0.01	33.73 2.32 -0.01	35.90 2.57 -0.01	38.55 2.69 -0.01	39.99 3.13 0.00	42.30 3.56 0.00	45.61 3.77 0.00	47.45 3.80 0.00	74.27 4.38 -16.45	99.13 5.24 -35.65	74.03 5.13 -7.06	78.99 6.28 -5.18	111.58 9.93 -5.20	122.93 11.58 -0.02	144.57 12.17 -5.64	123.69 9.10 -12.32	98.02 5.87 -15.92	71.08 3.58 -7.75	70.84 3.84 -10.50	48.80 3.28 0.00	44.07 3.41 -0.01
GOWANUS_GT4_8 24137	41.54 3.56 -0.11	38.64 2.66 -0.01	36.40 2.44 -0.01	34.32 2.39 -0.01	33.73 2.32 -0.01	35.90 2.57 -0.01	38.55 2.69 -0.01	39.99 3.13 0.00	42.30 3.56 0.00	45.61 3.77 0.00	47.45 3.80 0.00	74.27 4.38 -16.45	99.13 5.24 -35.65	74.03 5.13 -7.06	78.99 6.28 -5.18	111.58 9.93 -5.20	122.93 11.58 -0.02	144.57 12.17 -5.64	123.69 9.10 -12.32	98.02 5.87 -15.92	71.08 3.58 -7.75	70.84 3.84 -10.50	48.80 3.28 0.00	44.07 3.41 -0.01
GREENBSH_115KV_TB3 55895	39.00 1.14 0.00	36.87 0.90 0.00	34.83 0.88 0.00	32.75 0.83 0.00	32.21 0.82 0.00	34.19 0.87 0.00	36.67 0.82 0.00	37.82 0.96 0.00	39.74 1.01 0.00	42.93 1.09 0.00	44.74 1.09 0.00	54.72 1.28 0.00	59.47 1.22 0.00	63.20 1.36 0.00	69.15 1.62 0.00	99.14 2.70 0.00	114.57 3.23 0.00	115.68 3.93 15.00	139.41 2.86 -34.28	108.04 1.98 -29.82	90.83 1.31 -29.78	57.79 1.30 0.00	46.66 1.14 0.00	41.71 1.06 0.00
GREENEDGE_115KV_TB5 80291	38.44 0.53 -0.04	36.54 0.50 -0.06	34.10 0.14 -0.02	31.85 -0.06 0.00	31.36 -0.03 0.00	33.32 0.00 0.00	36.10 0.22 -0.04	37.37 0.52 0.00	39.59 0.85 0.00	43.12 1.17 -0.10	45.15 1.48 -0.01	56.32 2.51 -0.37	61.30 2.62 -0.44	64.97 2.97 -0.17	70.94 3.17 -0.23	100.40 2.60 -1.36	115.71 2.23 -2.15	132.47 3.17 -2.54	107.42 3.48 -1.67	80.71 4.19 -0.28	63.63 3.88 0.00	59.54 2.88 -0.16	47.43 1.91 0.00	42.48 1.83 0.00
GREENIDGE___3 23582	38.44 0.53 -0.04	36.54 0.50 -0.06	34.10 0.14 -0.02	31.85 -0.06 0.00	31.36 -0.03 0.00	33.32 0.00 0.00	36.10 0.22 -0.04	37.37 0.52 0.00	39.59 0.85 0.00	43.12 1.17 -0.10	45.15 1.48 -0.01	56.32 2.51 -0.37	61.30 2.62 -0.44	64.97 2.97 -0.17	70.94 3.17 -0.23	100.40 2.60 -1.36	115.71 2.23 -2.15	132.47 3.17 -2.54	107.42 3.48 -1.67	80.71 4.19 -0.28	63.63 3.88 0.00	59.54 2.88 -0.16	47.43 1.91 0.00	42.48 1.83 0.00
GREENIDGE___4 23583	38.51 0.60 -0.04	36.57 0.54 -0.06	34.10 0.14 -0.02	31.85 -0.06 0.00	31.36 -0.03 0.00	33.49 0.17 0.00	36.46 0.57 -0.04	37.37 0.52 0.00	39.62 0.89 0.00	43.11 1.17 -0.10	45.19 1.53 -0.01	56.32 2.51 -0.37	61.65 2.97 -0.44	64.97 2.97 -0.17	70.87 3.11 -0.23	100.30 2.50 -1.36	115.71 2.23 -2.15	132.47 3.17 -2.54	107.42 3.48 -1.67	80.70 4.19 -0.28	63.63 3.88 0.00	59.54 2.88 -0.16	47.47 1.96 0.00	42.48 1.83 0.00
GREENLWN_69_KV_BK 3 55738	44.12 3.03 -3.22	42.70 2.34 -4.39	39.34 2.21 -3.19	36.35 2.17 -2.26	34.40 2.10 -0.90	37.57 2.27 -1.98	38.25 2.40 0.00	41.07 2.99 -1.23	42.97 3.33 -0.90	45.11 3.26 0.00	47.19 3.54 0.00	60.53 4.33 -2.77	67.79 5.18 -4.36	81.10 5.57 -13.70	91.76 6.75 -17.47	124.06 10.42 -17.21	147.12 12.25 -23.54	152.72 13.18 -12.78	145.77 9.92 -33.58	79.01 6.56 3.78	69.14 4.24 -5.15	70.81 4.12 -10.19	48.29 2.78 0.00	43.01 2.36 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	41.54 3.56 -0.11	38.64 2.66 -0.01	36.40 2.44 -0.01	34.32 2.39 -0.01	33.73 2.32 -0.01	35.90 2.57 -0.01	38.55 2.69 -0.01	39.99 3.13 0.00	42.30 3.56 0.00	45.61 3.77 0.00	47.45 3.80 0.00	74.27 4.38 -16.45	99.13 5.24 -35.65	74.03 5.13 -7.06	78.99 6.28 -5.18	111.58 9.93 -5.20	122.93 11.58 -0.02	144.57 12.17 -5.64	123.69 9.10 -12.32	98.02 5.87 -15.92	71.08 3.58 -7.75	70.84 3.84 -10.50	48.80 3.28 0.00	44.07 3.41 -0.01
GRISSOM___SOLAR 323813	43.24 5.38 0.00	40.87 4.89 0.00	38.26 4.31 0.00	35.78 3.86 0.00	35.19 3.80 0.00	37.62 4.30 0.00	40.62 4.77 0.00	41.54 4.68 0.00	43.81 5.07 0.00	47.33 5.48 0.00	49.32 5.67 0.00	61.14 7.70 0.00	66.69 8.44 0.00	71.17 9.34 0.00	78.00 10.47 0.00	112.26 15.82 0.00	129.82 18.49 0.00	153.83 25.61 -1.46	183.72 20.15 -61.29	144.80 15.25 -53.32	124.82 11.83 -53.24	67.00 10.51 0.00	53.21 7.69 0.00	47.03 6.38 0.00
GROVEVILLE___HYD 323602	40.86 2.99 0.00	38.31 2.34 0.00	36.09 2.14 0.00	34.02 2.11 0.00	33.44 2.04 0.00	35.49 2.17 0.00	38.11 2.26 0.00	39.51 2.65 0.00	41.83 3.10 0.00	45.28 3.43 0.00	47.23 3.58 0.00	57.61 4.17 0.00	63.20 4.95 0.00	67.15 5.32 0.00	73.88 6.35 0.00	106.18 9.74 0.00	122.92 11.58 0.00	140.04 12.55 -0.73	117.71 9.41 -6.03	87.96 6.48 -5.25	69.23 4.24 -5.24	60.56 4.07 0.00	48.71 3.19 0.00	43.54 2.89 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	37.96 -0.04 -0.13	35.95 -0.22 -0.19	33.68 -0.34 -0.07	31.57 -0.35 0.00	31.05 -0.35 0.00	32.96 -0.37 0.00	35.64 -0.32 -0.12	36.90 0.04 0.00	38.85 0.12 0.00	42.41 0.25 -0.32	44.04 0.35 -0.04	55.33 0.69 -1.20	60.43 0.76 -1.43	63.25 0.87 -0.55	69.31 1.01 -0.76	101.81 0.96 -4.41	119.22 0.89 -6.99	136.17 1.14 -8.27	108.73 1.02 -5.43	78.29 1.14 -0.91	60.76 1.02 0.00	57.77 0.73 -0.54	45.93 0.41 0.00	41.02 0.37 0.00

HAMLTNNY_34_KV_TB 80303	38.22 0.23 -0.13	36.17 0.00 -0.20	33.85 -0.17 -0.07	31.73 -0.19 0.00	31.21 -0.19 0.00	33.12 -0.20 0.00	35.86 -0.11 -0.12	37.15 0.29 0.00	39.16 0.43 0.00	42.76 0.59 -0.32	44.44 0.74 -0.04	55.95 1.28 -1.23	61.11 1.40 -1.47	63.94 1.55 -0.56	70.00 1.69 -0.78	102.90 1.93 -4.53	120.41 1.89 -7.18	137.53 2.28 -8.49	109.90 2.05 -5.58	79.15 1.98 -0.94	61.54 1.79 0.00	58.40 1.36 -0.55	46.38 0.86 0.00	41.42 0.77 0.00
HAMPSHIRE___PAPER_HYD 323593	37.08 -0.83 -0.04	35.57 -0.47 -0.06	33.56 -0.41 -0.02	31.47 -0.45 0.00	30.89 -0.50 0.00	32.76 -0.57 0.00	35.28 -0.61 -0.04	36.16 -0.70 0.00	37.49 -1.24 0.00	40.53 -1.42 -0.11	42.10 -1.57 -0.01	51.86 -1.98 -0.40	56.45 -2.27 -0.47	58.52 -2.48 0.83	64.82 -2.97 -0.26	93.87 -4.05 -1.48	109.22 -4.46 -2.34	124.71 -4.82 -2.77	100.51 -3.58 -1.82	74.10 -2.44 -0.31	58.19 -1.55 0.00	55.26 -1.41 -0.18	44.43 -1.09 0.00	39.47 -1.18 0.00
HARDSCRABBLE_WT_PWR 323673	38.93 1.06 0.00	36.87 0.90 0.00	34.76 0.81 0.00	32.68 0.76 0.00	32.12 0.72 0.00	34.12 0.80 0.00	36.78 0.93 0.00	37.85 1.00 0.00	39.86 1.12 0.00	43.02 1.17 0.00	44.92 1.27 0.00	55.15 1.71 0.00	60.16 1.92 0.00	63.91 1.98 -0.10	69.63 2.10 0.00	99.43 2.99 0.00	114.67 3.34 0.00	130.56 3.80 0.00	105.34 3.07 0.00	78.52 2.28 0.00	61.53 1.79 0.00	58.19 1.69 0.00	46.84 1.32 0.00	41.75 1.10 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	40.44 2.58 0.00	37.88 1.91 0.00	35.68 1.73 0.00	33.67 1.76 0.00	33.12 1.73 0.00	35.16 1.83 0.00	37.75 1.90 0.00	39.18 2.32 0.00	41.44 2.71 0.00	44.86 3.01 0.00	46.80 3.14 0.00	57.13 3.69 0.00	62.67 4.43 0.00	66.53 4.70 0.00	73.20 5.67 0.00	105.22 8.78 0.00	121.69 10.35 0.00	138.66 11.15 -0.75	115.91 8.28 -5.36	86.53 5.64 -4.66	68.04 3.64 -4.65	60.00 3.50 0.00	48.25 2.73 0.00	43.13 2.48 0.00
HARSNRAD_115KV_TB1 81005	37.64 -0.23 0.00	34.97 -1.01 0.00	32.49 -1.46 0.00	30.23 -1.69 0.00	29.76 -1.63 0.00	31.36 -1.97 0.00	33.81 -2.04 0.00	35.61 -1.25 0.00	38.58 -0.15 0.00	42.01 0.17 0.00	44.44 0.79 0.00	55.31 1.87 0.00	59.99 1.75 0.00	63.81 1.98 0.00	69.22 1.69 0.00	95.86 -0.58 0.00	108.44 -2.89 0.00	124.60 -2.15 0.00	101.96 -0.31 0.00	78.37 2.13 0.00	62.91 3.17 0.00	58.19 1.69 0.00	46.47 0.96 0.00	42.36 1.71 0.00
HARZA MOOSE___RIVER 24016	38.81 0.91 -0.04	36.75 0.72 -0.05	34.58 0.61 -0.02	32.49 0.57 0.00	31.93 0.53 0.00	33.86 0.53 0.00	36.56 0.68 -0.03	37.71 0.85 0.00	39.59 0.85 0.00	42.73 0.80 -0.09	44.49 0.83 -0.01	55.01 1.23 -0.34	60.05 1.40 -0.40	63.20 1.42 0.06	69.23 1.49 -0.22	99.90 2.22 -1.25	115.76 2.45 -1.98	132.27 3.17 -2.34	106.67 2.86 -1.54	78.93 2.44 -0.26	61.89 2.15 0.00	58.57 1.92 -0.15	46.84 1.32 0.00	41.54 0.89 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	37.90 -0.04 -0.07	35.79 -0.29 -0.10	33.61 -0.37 -0.04	31.53 -0.38 0.00	31.02 -0.38 0.00	32.92 -0.40 0.00	35.55 -0.36 -0.06	36.86 0.00 0.00	38.77 0.04 0.00	42.18 0.17 -0.17	43.98 0.31 -0.02	54.78 0.69 -0.65	59.77 0.76 -0.77	62.99 0.87 -0.29	68.89 0.95 -0.41	99.78 0.96 -2.38	115.88 0.78 -3.77	132.23 1.01 -4.46	106.12 0.92 -2.93	77.79 1.07 -0.49	60.76 1.02 0.00	57.46 0.68 -0.29	45.84 0.32 0.00	40.97 0.33 0.00
HELLGATE_13_KV_LD 55870	41.21 3.33 -0.01	38.42 2.45 0.00	36.19 2.24 0.00	34.15 2.23 0.00	33.57 2.17 0.00	35.69 2.37 0.00	38.29 2.44 0.00	39.81 2.95 0.00	42.18 3.45 0.00	45.40 3.56 0.00	47.14 3.49 0.00	57.33 3.90 0.01	61.81 4.78 1.21	64.54 4.64 1.93	71.58 5.74 1.69	104.02 9.26 1.68	122.02 10.69 0.01	137.41 11.28 0.64	114.25 8.28 -3.69	83.09 5.34 -1.52	62.26 3.23 0.71	56.47 3.39 3.42	48.48 2.96 0.00	43.82 3.17 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	41.21 3.33 -0.01	38.42 2.45 0.00	36.19 2.24 0.00	34.15 2.23 0.00	33.57 2.17 0.00	35.69 2.37 0.00	38.29 2.44 0.00	39.81 2.95 0.00	42.18 3.45 0.00	45.40 3.56 0.00	47.14 3.49 0.00	57.33 3.90 0.01	61.81 4.78 1.21	64.54 4.64 1.93	71.58 5.74 1.69	104.02 9.26 1.68	122.02 10.69 0.01	137.41 11.28 0.64	114.25 8.28 -3.69	83.09 5.34 -1.52	62.26 3.23 0.71	56.47 3.39 3.42	48.48 2.96 0.00	43.82 3.17 0.00
HEMPSTEAD____ 23647	44.65 3.56 -3.22	43.17 2.81 -4.39	39.65 2.51 -3.19	36.63 2.46 -2.26	34.68 2.38 -0.90	37.83 2.53 -1.98	38.79 2.94 0.00	41.44 3.35 -1.23	43.54 3.91 -0.90	45.74 3.89 0.00	47.62 3.97 0.00	75.31 4.86 -17.01	85.43 5.54 -21.65	130.15 6.00 -62.32	147.78 7.23 -73.02	162.39 11.09 -54.86	198.16 12.91 -73.91	196.30 13.94 -55.60	199.41 10.64 -86.51	88.38 7.09 -5.06	71.25 4.66 -6.84	71.38 4.69 -10.20	48.84 3.32 0.00	43.45 2.80 0.00
HEWLETT_69_KV_BK3 55828	45.06 3.98 -3.22	43.46 3.09 -4.39	39.95 2.82 -3.19	36.92 2.74 -2.26	34.97 2.67 -0.90	38.20 2.90 -1.98	38.93 3.08 0.00	41.77 3.69 -1.23	43.86 4.22 -0.90	46.16 4.31 0.00	48.24 4.58 0.00	68.63 5.45 -9.74	76.88 6.23 -12.40	104.41 6.25 -36.32	118.35 7.50 -43.32	142.55 11.38 -34.73	172.84 13.58 -47.92	183.70 14.70 -42.24	173.93 11.15 -60.51	88.84 7.55 -5.06	71.96 5.38 -6.84	72.00 5.31 -10.20	49.52 4.01 0.00	44.23 3.58 0.00
HICKLING___1 23621	38.89 0.98 -0.04	36.47 0.43 -0.06	34.07 0.10 -0.02	31.82 -0.10 0.00	31.30 -0.09 0.00	33.29 -0.03 0.00	36.03 0.14 -0.04	37.89 1.03 0.00	40.21 1.47 0.00	43.83 1.88 -0.10	45.98 2.31 -0.01	57.39 3.58 -0.37	62.59 3.90 -0.45	66.27 4.27 -0.17	72.43 4.66 -0.24	102.54 4.73 -1.38	118.08 4.56 -2.18	134.92 5.58 -2.58	110.95 5.22 -3.46	83.47 5.41 -1.82	66.12 4.84 -1.53	60.45 3.79 -0.17	48.20 2.69 0.00	43.17 2.52 0.00
HICKLING___2 23622	38.89 0.98 -0.04	36.47 0.43 -0.06	34.07 0.10 -0.02	31.82 -0.10 0.00	31.30 -0.09 0.00	33.29 -0.03 0.00	36.03 0.14 -0.04	37.89 1.03 0.00	40.21 1.47 0.00	43.83 1.88 -0.10	45.98 2.31 -0.01	57.39 3.58 -0.37	62.59 3.90 -0.45	66.27 4.27 -0.17	72.43 4.66 -0.24	102.54 4.73 -1.38	118.08 4.56 -2.18	134.92 5.58 -2.58	110.95 5.22 -3.46	83.47 5.41 -1.82	66.12 4.84 -1.53	60.45 3.79 -0.17	48.20 2.69 0.00	43.17 2.52 0.00
HIGH FALLS___HY 23754	40.41 2.54 0.00	37.92 1.94 0.00	35.71 1.77 0.00	33.70 1.79 0.00	33.12 1.73 0.00	35.12 1.80 0.00	37.68 1.83 0.00	39.22 2.36 0.00	41.52 2.79 0.00	44.86 3.01 0.00	46.84 3.19 0.00	57.07 3.63 0.00	63.02 4.78 0.00	66.91 5.07 0.00	73.68 6.15 0.00	105.99 9.55 0.00	122.33 11.47 0.48	137.05 12.30 2.00	118.49 9.20 -7.02	90.10 6.25 -7.61	71.35 4.00 -7.60	60.34 3.84 0.00	48.34 2.82 0.00	43.17 2.52 0.00
HIGH_RIVER___SOLAR 323847	40.10 2.23 0.00	37.91 1.94 0.00	35.68 1.73 0.00	33.51 1.60 0.00	32.97 1.57 0.00	35.05 1.73 0.00	37.68 1.83 0.00	38.44 1.58 0.00	40.24 1.51 0.00	43.23 1.38 0.00	44.92 1.27 0.00	55.10 1.66 0.00	60.11 1.86 0.00	63.87 2.04 0.00	69.89 2.36 0.00	100.39 3.96 0.00	116.68 5.34 0.00	136.35 7.99 -1.60	176.86 7.05 -67.54	140.40 5.41 -58.75	122.65 4.24 -58.67	60.39 3.90 0.00	48.39 2.87 0.00	43.09 2.44 0.00

HILLBURN___GT 23639	40.37 2.50 0.00	37.84 1.87 0.00	35.58 1.63 0.00	33.58 1.66 0.00	33.03 1.63 0.00	35.02 1.70 0.00	37.86 2.01 0.00	39.22 2.36 0.00	41.52 2.79 0.00	44.82 2.97 0.00	46.66 3.01 0.00	57.02 3.58 0.00	62.32 4.08 0.00	66.29 4.45 0.00	72.94 5.40 0.00	104.83 8.39 0.00	121.24 9.91 0.00	138.06 10.52 -0.78	115.60 7.88 -5.45	86.16 5.19 -4.74	67.76 3.28 -4.74	59.83 3.33 0.00	48.11 2.59 0.00	42.97 2.32 0.00
HILLSIDE_115KV_TB1 80332	38.25 0.34 -0.04	35.86 -0.18 -0.06	33.53 -0.44 -0.02	31.37 -0.54 0.00	30.86 -0.53 0.00	32.79 -0.53 0.00	35.49 -0.39 -0.04	37.26 0.41 0.00	39.55 0.81 0.00	43.08 1.13 -0.10	45.15 1.48 -0.01	56.34 2.51 -0.39	61.44 2.74 -0.46	64.98 2.97 -0.18	71.02 3.24 -0.25	100.76 2.89 -1.43	116.16 2.56 -2.26	132.73 3.30 -2.67	109.23 3.37 -3.59	81.93 3.81 -1.89	64.86 3.52 -1.59	59.32 2.66 -0.17	47.29 1.78 0.00	42.36 1.71 0.00
HISHELDN_WT_PWR 323625	38.44 0.57 0.00	35.68 -0.29 0.00	33.20 -0.75 0.00	30.93 -0.99 0.00	30.45 -0.94 0.00	32.49 -0.83 0.00	35.38 -0.47 0.00	36.64 -0.22 0.00	39.51 0.77 0.00	43.02 1.17 0.00	45.44 1.79 0.00	56.48 3.04 0.00	62.03 3.78 0.00	65.30 3.46 0.00	70.97 3.44 0.00	98.56 2.12 0.00	111.90 0.56 0.00	128.16 1.40 0.00	104.72 2.45 0.00	80.20 3.96 0.00	64.05 4.30 0.00	59.37 2.88 0.00	47.47 1.96 0.00	42.97 2.32 0.00
HOLTSVILLE_IC_1 23690	44.80 3.71 -3.22	43.28 2.91 -4.39	39.79 2.65 -3.19	36.79 2.62 -2.26	34.87 2.57 -0.90	38.00 2.70 -1.98	38.97 3.12 0.00	41.59 3.50 -1.23	43.59 3.95 -0.90	45.57 3.72 0.00	47.63 3.97 -3.92	62.18 4.81 -3.40	67.29 5.65 -11.01	79.09 6.24 -14.41	89.43 7.50 -15.13	122.85 11.28 -23.97	148.22 12.91 -62.87	203.95 14.32 -54.45	167.87 11.15 -44.52	128.45 7.70 -14.38	79.31 5.20 -10.21	71.79 5.09 0.00	48.94 3.42 0.00	43.25 2.60 0.00
HOLTSVILLE_IC_10 23699	45.10 4.01 -3.22	43.53 3.17 -4.39	39.99 2.85 -3.19	36.98 2.81 -2.26	35.03 2.73 -0.90	38.20 2.90 -1.98	39.18 3.33 0.00	41.85 3.76 -1.23	43.86 4.22 -0.90	45.90 4.06 0.00	48.07 4.41 -0.01	63.52 5.40 -4.69	68.19 6.29 -3.65	80.49 6.92 -11.73	91.06 8.30 -15.23	124.58 12.45 -15.69	151.25 14.25 -25.66	214.06 15.71 -71.58	171.21 12.27 -56.68	132.39 8.54 -47.62	80.63 5.92 -14.97	72.41 5.70 -10.21	49.39 3.87 -0.01	43.62 2.97 0.00
HOLTSVILLE_IC_2 23691	44.80 3.71 -3.22	43.28 2.91 -4.39	39.79 2.65 -3.19	36.79 2.62 -2.26	34.87 2.57 -0.90	38.00 2.70 -1.98	38.97 3.12 0.00	41.59 3.50 -1.23	43.59 3.95 -0.90	45.57 3.72 0.00	47.63 3.97 -3.92	62.18 4.81 -3.40	67.29 5.65 -11.01	79.09 6.24 -14.41	89.43 7.50 -15.13	122.85 11.28 -23.97	148.22 12.91 -62.87	203.95 14.32 -54.45	167.87 11.15 -44.52	128.45 7.70 -14.38	79.31 5.20 -10.21	71.79 5.09 0.00	48.94 3.42 0.00	43.25 2.60 0.00
HOLTSVILLE_IC_3 23692	44.80 3.71 -3.22	43.28 2.91 -4.39	39.79 2.65 -3.19	36.79 2.62 -2.26	34.87 2.57 -0.90	38.00 2.70 -1.98	38.97 3.12 0.00	41.59 3.50 -1.23	43.59 3.95 -0.90	45.57 3.72 0.00	47.63 3.97 -3.92	62.18 4.81 -3.40	67.29 5.65 -11.01	79.09 6.24 -14.41	89.43 7.50 -15.13	122.85 11.28 -23.97	148.22 12.91 -62.87	203.95 14.32 -54.45	167.87 11.15 -44.52	128.45 7.70 -14.38	79.31 5.20 -10.21	71.79 5.09 0.00	48.94 3.42 0.00	43.25 2.60 0.00
HOLTSVILLE_IC_4 23693	44.80 3.71 -3.22	43.28 2.91 -4.39	39.79 2.65 -3.19	36.79 2.62 -2.26	34.87 2.57 -0.90	38.00 2.70 -1.98	38.97 3.12 0.00	41.59 3.50 -1.23	43.59 3.95 -0.90	45.57 3.72 0.00	47.63 3.97 -3.92	62.18 4.81 -3.40	67.29 5.65 -11.01	79.09 6.24 -14.41	89.43 7.50 -15.13	122.85 11.28 -23.97	148.22 12.91 -62.87	203.95 14.32 -54.45	167.87 11.15 -44.52	128.45 7.70 -14.38	79.31 5.20 -10.21	71.79 5.09 0.00	48.94 3.42 0.00	43.25 2.60 0.00
HOLTSVILLE_IC_5 23694	44.80 3.71 -3.22	43.28 2.91 -4.39	39.79 2.65 -3.19	36.79 2.62 -2.26	34.87 2.57 -0.90	38.00 2.70 -1.98	38.97 3.12 0.00	41.59 3.50 -1.23	43.59 3.95 -0.90	45.57 3.72 0.00	47.63 3.97 -3.92	62.18 4.81 -3.40	67.29 5.65 -11.01	79.09 6.24 -14.41	89.43 7.50 -15.13	122.85 11.28 -23.97	148.22 12.91 -62.87	203.95 14.32 -54.45	167.87 11.15 -44.52	128.45 7.70 -14.38	79.31 5.20 -10.21	71.79 5.09 0.00	48.94 3.42 0.00	43.25 2.60 0.00
HOLTSVILLE_IC_6 23695	45.10 4.01 -3.22	43.53 3.17 -4.39	39.99 2.85 -3.19	36.98 2.81 -2.26	35.03 2.73 -0.90	38.20 2.90 -1.98	39.18 3.33 0.00	41.85 3.76 -1.23	43.86 4.22 -0.90	45.90 4.06 0.00	48.07 4.41 -0.01	63.52 5.40 -4.69	68.19 6.29 -3.65	80.49 6.92 -11.73	91.06 8.30 -15.23	124.58 12.45 -15.69	151.25 14.25 -25.66	214.06 15.71 -71.58	171.21 12.27 -56.68	132.39 8.54 -47.62	80.63 5.92 -14.97	72.41 5.70 -10.21	49.39 3.87 -0.01	43.62 2.97 0.00
HOLTSVILLE_IC_7 23696	45.10 4.01 -3.22	43.53 3.17 -4.39	39.99 2.85 -3.19	36.98 2.81 -2.26	35.03 2.73 -0.90	38.20 2.90 -1.98	39.18 3.33 0.00	41.85 3.76 -1.23	43.86 4.22 -0.90	45.90 4.06 0.00	48.07 4.41 -0.01	63.52 5.40 -4.69	68.19 6.29 -3.65	80.49 6.92 -11.73	91.06 8.30 -15.23	124.58 12.45 -15.69	151.25 14.25 -25.66	214.06 15.71 -71.58	171.21 12.27 -56.68	132.39 8.54 -47.62	80.63 5.92 -14.97	72.41 5.70 -10.21	49.39 3.87 -0.01	43.62 2.97 0.00
HOLTSVILLE_IC_8 23697	45.10 4.01 -3.22	43.53 3.17 -4.39	39.99 2.85 -3.19	36.98 2.81 -2.26	35.03 2.73 -0.90	38.20 2.90 -1.98	39.18 3.33 0.00	41.85 3.76 -1.23	43.86 4.22 -0.90	45.90 4.06 0.00	48.07 4.41 -0.01	63.52 5.40 -4.69	68.19 6.29 -3.65	80.49 6.92 -11.73	91.06 8.30 -15.23	124.58 12.45 -15.69	151.25 14.25 -25.66	214.06 15.71 -71.58	171.21 12.27 -56.68	132.39 8.54 -47.62	80.63 5.92 -14.97	72.41 5.70 -10.21	49.39 3.87 -0.01	43.62 2.97 0.00
HOLTSVILLE_IC_9 23698	45.10 4.01 -3.22	43.53 3.17 -4.39	39.99 2.85 -3.19	36.98 2.81 -2.26	35.03 2.73 -0.90	38.20 2.90 -1.98	39.18 3.33 0.00	41.85 3.76 -1.23	43.86 4.22 -0.90	45.90 4.06 0.00	48.07 4.41 -0.01	63.52 5.40 -4.69	68.19 6.29 -3.65	80.49 6.92 -11.73	91.06 8.30 -15.23	124.58 12.45 -15.69	151.25 14.25 -25.66	214.06 15.71 -71.58	171.21 12.27 -56.68	132.39 8.54 -47.62	80.63 5.92 -14.97	72.41 5.70 -10.21	49.39 3.87 -0.01	43.62 2.97 0.00
HOMER_HL_115KV_TB2 355744	38.32 0.45 0.00	35.54 -0.43 0.00	33.10 -0.85 0.00	30.86 -1.05 0.00	30.36 -1.04 0.00	32.26 -1.07 0.00	34.95 -0.90 0.00	37.23 0.37 0.00	39.93 1.20 0.00	43.56 1.72 0.00	45.62 1.96 0.00	56.75 3.31 0.00	61.80 3.55 0.00	65.85 4.02 0.00	71.72 4.19 0.00	99.14 2.70 0.00	112.45 1.11 0.00	128.53 1.77 0.00	104.93 2.66 0.00	80.27 4.04 0.00	63.93 4.18 0.00	59.21 2.71 0.00	47.25 1.73 0.00	42.97 2.32 0.00
HOWARD_WT_PWR 323690	39.34 1.44 -0.03	36.70 0.68 -0.04	34.17 0.20 -0.02	31.85 -0.06 0.00	31.36 -0.03 0.00	33.49 0.17 0.00	36.59 0.72 -0.03	37.96 1.10 0.00	40.52 1.78 0.00	44.09 2.17 -0.07	46.37 2.71 -0.01	57.88 4.17 -0.27	63.34 4.78 -0.32	66.66 4.70 -0.12	72.70 5.00 -0.17	102.07 4.63 -1.00	117.04 4.12 -1.58	133.95 5.32 -1.87	109.02 5.52 -1.23	82.46 6.02 -0.21	65.36 5.61 0.00	60.86 4.24 -0.12	48.70 3.19 0.00	43.74 3.09 0.00

HQ_GEN_CEDARS 23644	37.00 -0.87 0.00	35.65 -0.32 0.00	33.68 -0.27 0.00	31.60 -0.32 0.00	31.05 -0.35 0.00	32.96 -0.37 0.00	35.49 -0.36 0.00	36.05 -0.81 0.00	37.38 -1.36 0.00	40.01 -1.84 0.00	41.60 -2.05 0.00	50.55 -2.89 0.00	54.92 -3.32 0.01	56.43 -3.59 1.82	63.21 -4.32 0.00	90.46 -5.98 0.00	104.77 -6.57 0.00	119.15 -7.61 0.00	96.03 -6.24 0.00	71.51 -4.73 0.00	56.40 -3.35 0.00	53.73 -2.77 0.00	43.65 -1.87 0.00	38.86 -1.79 0.00
HQ_GEN_CEDARS_PROXY 323590	36.62 -1.25 0.00	35.58 -0.39 0.00	33.67 -0.27 0.00	31.60 -0.32 0.00	31.05 -0.34 0.00	32.96 -0.37 0.00	35.27 -0.57 0.00	36.05 -0.81 0.00	37.03 -1.70 0.00	38.84 -1.84 1.16	42.77 -2.05 -1.16	50.55 -2.89 0.00	54.86 -3.38 0.01	56.43 -3.59 1.82	69.12 -4.32 -5.91	84.55 -5.98 5.91	104.77 -6.57 0.00	119.16 -7.60 0.00	95.69 -6.24 0.34	71.85 -4.73 -0.34	57.63 -3.34 -1.23	53.75 -2.82 -0.08	43.85 -1.96 -0.29	37.38 -1.67 1.60
HQ_GEN_IMPORT 323601	36.92 -0.95 0.00	35.47 -0.50 0.00	33.54 -0.41 0.00	31.54 -0.38 0.00	31.02 -0.38 0.00	32.92 -0.40 0.00	35.47 -0.61 -0.23	35.82 -0.81 0.23	37.73 -1.01 0.00	39.59 -1.09 1.16	43.64 -1.18 -1.16	51.78 -1.66 0.00	56.32 -1.92 0.00	59.41 -1.98 0.45	71.22 -2.23 -5.91	87.35 -3.18 5.91	107.77 -3.57 0.00	122.70 -4.06 0.00	98.65 -3.28 0.34	74.06 -2.51 -0.34	59.12 -1.85 -1.23	54.88 -1.69 -0.08	44.63 -1.18 -0.29	37.99 -1.06 1.60
HQ_GEN_WHEEL 23651	36.92 -0.95 0.00	35.47 -0.50 0.00	33.54 -0.41 0.00	31.54 -0.38 0.00	31.02 -0.38 0.00	32.92 -0.40 0.00	35.47 -0.61 -0.23	35.82 -0.81 0.23	37.73 -1.01 0.00	39.59 -1.09 1.16	43.64 -1.18 -1.16	51.78 -1.66 0.00	56.32 -1.92 0.00	59.41 -1.98 0.45	71.22 -2.23 -5.91	87.35 -3.18 5.91	107.77 -3.57 0.00	122.70 -4.06 0.00	98.65 -3.28 0.34	74.06 -2.51 -0.34	59.12 -1.85 -1.23	54.88 -1.69 -0.08	44.63 -1.18 -0.29	37.99 -1.06 1.60
HUDSON AVE_GT_3 23810	41.13 3.26 0.00	38.35 2.37 0.00	36.12 2.17 0.00	34.09 2.17 0.00	33.50 2.10 0.00	35.62 2.30 0.00	38.32 2.47 0.00	39.92 3.06 0.00	42.30 3.56 0.00	45.57 3.72 0.00	47.41 3.75 0.00	57.87 4.44 0.00	63.43 5.18 0.00	67.09 5.26 0.00	74.01 6.48 0.00	106.57 10.13 0.00	123.14 11.80 0.00	140.22 12.55 -0.91	117.50 9.41 -5.82	87.47 6.17 -5.06	68.62 3.82 -5.05	60.39 3.90 0.00	48.71 3.19 0.00	43.74 3.09 0.00
HUDSON AVE_GT_4 23540	41.13 3.26 0.00	38.35 2.37 0.00	36.12 2.17 0.00	34.09 2.17 0.00	33.50 2.10 0.00	35.62 2.30 0.00	38.32 2.47 0.00	39.92 3.06 0.00	42.30 3.56 0.00	45.57 3.72 0.00	47.41 3.75 0.00	57.87 4.44 0.00	63.43 5.18 0.00	67.09 5.26 0.00	74.01 6.48 0.00	106.57 10.13 0.00	123.14 11.80 0.00	140.22 12.55 -0.91	117.50 9.41 -5.82	87.47 6.17 -5.06	68.62 3.82 -5.05	60.39 3.90 0.00	48.71 3.19 0.00	43.74 3.09 0.00
HUDSON AVE_GT_5 23657	41.13 3.26 0.00	38.35 2.37 0.00	36.12 2.17 0.00	34.09 2.17 0.00	33.50 2.10 0.00	35.62 2.30 0.00	38.32 2.47 0.00	39.92 3.06 0.00	42.30 3.56 0.00	45.57 3.72 0.00	47.41 3.75 0.00	57.87 4.44 0.00	63.43 5.18 0.00	67.09 5.26 0.00	74.01 6.48 0.00	106.57 10.13 0.00	123.14 11.80 0.00	140.22 12.55 -0.91	117.50 9.41 -5.82	87.47 6.17 -5.06	68.62 3.82 -5.05	60.39 3.90 0.00	48.71 3.19 0.00	43.74 3.09 0.00
HUDSON_AVE_10 24168	41.01 3.14 0.00	38.24 2.27 0.00	36.02 2.07 0.00	33.99 2.07 0.00	33.41 2.01 0.00	35.49 2.17 0.00	38.22 2.37 0.00	39.81 2.95 0.00	42.18 3.45 0.00	45.49 3.64 0.00	47.28 3.62 0.00	57.71 4.28 0.00	63.25 5.01 0.00	66.97 5.13 0.00	73.81 6.28 0.00	106.28 9.84 0.00	122.92 11.58 0.00	140.09 12.42 -0.91	117.29 9.20 -5.82	87.32 6.02 -5.06	68.50 3.70 -5.05	60.28 3.79 0.00	48.57 3.05 0.00	43.66 3.01 0.00
HUDSON___115KV_TB 4 355613	39.99 2.12 0.00	37.84 1.87 0.00	35.68 1.73 0.00	33.51 1.60 0.00	32.93 1.54 0.00	34.99 1.67 0.00	37.32 1.47 0.00	38.37 1.51 0.00	40.32 1.59 0.00	43.52 1.67 0.00	45.40 1.75 0.00	55.47 2.03 0.00	60.05 1.81 0.00	63.94 2.10 0.00	70.10 2.57 0.00	100.59 4.15 0.00	115.11 5.34 1.57	120.03 6.85 13.58	129.14 4.91 -21.96	104.05 3.74 -24.08	86.53 2.75 -24.04	59.15 2.66 0.00	47.93 2.41 0.00	42.93 2.28 0.00
HUNTER MOUNT___DRP 323613	40.22 2.35 0.00	38.13 2.16 0.00	35.88 1.93 0.00	33.70 1.79 0.00	33.12 1.73 0.00	35.19 1.87 0.00	37.50 1.65 0.00	38.48 1.62 0.00	40.44 1.70 0.00	43.69 1.84 0.00	45.53 1.88 0.00	55.63 2.19 0.00	59.99 1.75 0.00	63.94 2.10 0.00	70.10 2.57 0.00	100.49 4.05 0.00	114.53 5.46 2.26	121.71 7.35 12.40	122.06 4.81 -14.98	100.25 3.81 -20.21	82.79 2.87 -20.18	59.43 2.94 0.00	48.34 2.82 0.00	43.21 2.56 0.00
HUNTINGTON_RES_REC 323705	44.61 3.52 -3.22	43.14 2.77 -4.39	39.65 2.51 -3.19	36.63 2.46 -2.26	34.68 2.38 -0.90	37.83 2.53 -1.98	38.79 2.94 0.00	41.44 3.35 -1.23	43.43 3.80 -0.90	45.53 3.68 0.00	47.62 3.97 0.00	60.66 4.86 -2.36	67.81 5.71 -3.85	80.46 6.31 -12.32	91.05 7.63 -15.89	124.16 11.57 -16.15	160.57 13.47 -35.77	315.87 14.70 -174.41	198.77 11.25 -85.25	188.95 7.70 -105.02	90.82 5.14 -25.94	71.70 4.97 -10.23	48.89 3.37 0.00	43.25 2.60 0.00
HUNTLEY___63 23557	38.17 0.30 0.00	35.43 -0.54 0.00	32.93 -1.02 0.00	30.64 -1.28 0.00	30.17 -1.22 0.00	31.79 -1.53 0.00	34.31 -1.54 0.00	36.16 -0.70 0.00	39.20 0.46 0.00	42.73 0.88 0.00	45.18 1.53 0.00	56.11 2.67 0.00	60.92 2.68 0.00	64.86 3.03 0.00	70.23 2.70 0.00	97.21 0.77 0.00	110.00 -1.34 0.00	126.25 -0.51 0.00	103.29 1.02 0.00	79.51 3.28 0.00	63.63 3.88 0.00	58.87 2.37 0.00	47.16 1.64 0.00	42.93 2.28 0.00
HUNTLEY___64 23558	38.17 0.30 0.00	35.43 -0.54 0.00	32.93 -1.02 0.00	30.64 -1.28 0.00	30.17 -1.22 0.00	31.79 -1.53 0.00	34.31 -1.54 0.00	36.16 -0.70 0.00	39.20 0.46 0.00	42.73 0.88 0.00	45.18 1.53 0.00	56.11 2.67 0.00	60.92 2.68 0.00	64.86 3.03 0.00	70.23 2.70 0.00	97.21 0.77 0.00	110.00 -1.34 0.00	126.25 -0.51 0.00	103.29 1.02 0.00	79.51 3.28 0.00	63.63 3.88 0.00	58.87 2.37 0.00	47.16 1.64 0.00	42.93 2.28 0.00
HUNTLEY___65 23559	38.17 0.30 0.00	35.43 -0.54 0.00	32.93 -1.02 0.00	30.64 -1.28 0.00	30.17 -1.22 0.00	31.79 -1.53 0.00	34.31 -1.54 0.00	36.16 -0.70 0.00	39.20 0.46 0.00	42.73 0.88 0.00	45.18 1.53 0.00	56.11 2.67 0.00	60.92 2.68 0.00	64.86 3.03 0.00	70.23 2.70 0.00	97.21 0.77 0.00	110.00 -1.34 0.00	126.25 -0.51 0.00	103.29 1.02 0.00	79.51 3.28 0.00	63.63 3.88 0.00	58.87 2.37 0.00	47.16 1.64 0.00	42.93 2.28 0.00
HUNTLEY___66 23560	38.17 0.30 0.00	35.43 -0.54 0.00	32.93 -1.02 0.00	30.64 -1.28 0.00	30.17 -1.22 0.00	31.79 -1.53 0.00	34.31 -1.54 0.00	36.16 -0.70 0.00	39.20 0.46 0.00	42.73 0.88 0.00	45.18 1.53 0.00	56.11 2.67 0.00	60.92 2.68 0.00	64.86 3.03 0.00	70.23 2.70 0.00	97.21 0.77 0.00	110.00 -1.34 0.00	126.25 -0.51 0.00	103.29 1.02 0.00	79.51 3.28 0.00	63.63 3.88 0.00	58.87 2.37 0.00	47.16 1.64 0.00	42.93 2.28 0.00

HUNTLEY___67 23561	37.94 0.08 0.00	35.25 -0.72 0.00	32.79 -1.15 0.00	30.51 -1.40 0.00	30.05 -1.35 0.00	31.66 -1.67 0.00	34.16 -1.68 0.00	35.97 -0.88 0.00	38.97 0.23 0.00	42.47 0.63 0.00	44.87 1.22 0.00	55.90 2.46 0.00	60.69 2.45 0.00	64.56 2.72 0.00	70.16 2.63 0.00	97.21 0.77 0.00	110.00 -1.34 0.00	126.13 -0.63 0.00	103.19 0.92 0.00	79.28 3.05 0.00	63.45 3.70 0.00	58.76 2.26 0.00	46.88 1.37 0.00	42.68 2.03 0.00
HUNTLEY___68 23562	37.94 0.08 0.00	35.25 -0.72 0.00	32.79 -1.15 0.00	30.51 -1.40 0.00	30.05 -1.35 0.00	31.66 -1.67 0.00	34.16 -1.68 0.00	35.97 -0.88 0.00	38.97 0.23 0.00	42.47 0.63 0.00	44.87 1.22 0.00	55.90 2.46 0.00	60.69 2.45 0.00	64.56 2.72 0.00	70.16 2.63 0.00	97.21 0.77 0.00	110.00 -1.34 0.00	126.13 -0.63 0.00	103.19 0.92 0.00	79.28 3.05 0.00	63.45 3.70 0.00	58.76 2.26 0.00	46.88 1.37 0.00	42.68 2.03 0.00
HYLAND___LFG 323620	39.31 1.44 0.00	36.66 0.68 0.00	34.08 0.14 0.00	31.76 -0.16 0.00	31.36 -0.03 0.00	33.49 0.17 0.00	36.21 0.36 0.00	37.12 0.26 0.00	38.85 0.12 0.00	41.80 -0.04 0.00	43.74 0.09 0.00	53.97 0.53 0.00	54.86 -3.38 0.00	57.82 -4.02 0.00	63.48 -4.05 0.00	87.86 -8.58 0.00	100.87 -10.47 0.00	117.12 -9.64 0.00	97.67 -4.60 0.00	75.78 -0.45 0.00	61.71 1.97 0.00	57.34 0.85 0.00	48.89 3.37 0.00	43.90 3.25 0.00
INDECK___CORINTH 23802	40.56 2.69 0.00	38.38 2.41 0.00	36.02 2.07 0.00	33.77 1.85 0.00	33.18 1.79 0.00	35.32 2.00 0.00	38.11 2.26 0.00	39.03 2.17 0.00	41.29 2.56 0.00	44.82 2.97 0.00	46.32 2.66 0.00	57.07 3.64 0.00	62.26 4.02 0.00	66.04 4.21 0.00	72.33 4.80 0.00	103.87 7.43 0.00	120.03 8.69 0.00	142.29 11.53 -4.00	174.85 9.82 -62.76	138.22 7.39 -54.59	120.41 6.15 -54.51	61.92 5.42 0.00	49.34 3.82 0.00	43.78 3.13 0.00
INDECK___ILION 23567	38.63 0.76 0.00	36.59 0.61 0.00	34.52 0.58 0.00	32.46 0.54 0.00	31.90 0.50 0.00	33.86 0.53 0.00	36.46 0.61 0.00	37.56 0.70 0.00	39.51 0.77 0.00	42.68 0.84 0.00	44.57 0.92 0.00	54.67 1.23 0.00	59.58 1.34 0.00	63.36 1.42 -0.10	69.08 1.55 0.00	98.66 2.22 0.00	113.79 2.45 0.00	129.55 2.79 0.00	104.62 2.35 0.00	77.99 1.75 0.00	61.12 1.37 0.00	57.74 1.24 0.00	46.47 0.96 0.00	41.46 0.81 0.00
INDECK___OLEAN 23982	38.47 0.60 0.00	35.58 -0.39 0.00	33.10 -0.85 0.00	30.86 -1.05 0.00	30.36 -1.04 0.00	32.42 -0.90 0.00	35.56 -0.29 0.00	37.23 0.37 0.00	40.01 1.28 0.00	43.60 1.76 0.00	45.66 2.01 0.00	56.75 3.31 0.00	62.38 4.14 0.00	65.85 4.02 0.00	71.72 4.19 0.00	99.14 2.70 0.00	112.45 1.11 0.00	128.53 1.77 0.00	104.93 2.65 0.00	80.27 4.04 0.00	63.92 4.18 0.00	59.21 2.71 0.00	47.34 1.82 0.00	42.97 2.32 0.00
INDECK___OSWEGO 23783	37.60 -0.57 -0.30	35.71 -0.72 -0.46	33.30 -0.82 -0.17	31.15 -0.77 0.00	30.64 -0.75 0.00	32.56 -0.77 0.00	35.41 -0.72 -0.28	36.27 -0.59 0.00	38.19 -0.54 0.00	41.73 -0.88 -0.76	42.88 -0.87 -0.10	55.46 -0.86 -2.88	60.80 -0.87 -3.43	62.10 -0.99 -1.26	68.35 -1.01 -1.83	105.30 -1.73 -10.59	125.90 -2.23 -16.79	144.21 -2.41 -19.86	113.59 -1.74 -13.06	77.43 -0.99 -2.19	59.09 -0.66 0.00	56.99 -0.79 -1.29	44.79 -0.73 0.00	40.32 -0.33 0.00
INDECK___YERKES 23781	38.32 0.46 0.00	35.51 -0.47 0.00	33.00 -0.95 0.00	30.67 -1.25 0.00	30.20 -1.19 0.00	32.22 -1.10 0.00	35.06 -0.79 0.00	36.20 -0.66 0.00	39.28 0.54 0.00	42.81 0.96 0.00	45.27 1.62 0.00	56.11 2.67 0.00	61.74 3.49 0.00	64.86 3.03 0.00	70.24 2.70 0.00	97.21 0.77 0.00	110.01 -1.33 0.00	126.25 -0.51 0.00	103.29 1.02 0.00	79.51 3.28 0.00	63.69 3.94 0.00	58.87 2.37 0.00	47.25 1.73 0.00	42.97 2.32 0.00
INDIAN POINT_GT_1 24139	40.48 2.61 0.00	37.88 1.91 0.00	35.71 1.77 0.00	33.70 1.79 0.00	33.15 1.76 0.00	35.19 1.87 0.00	37.89 2.04 0.00	39.37 2.51 0.00	41.60 2.87 0.00	44.90 3.05 0.00	46.75 3.10 0.00	57.13 3.69 0.00	62.61 4.37 0.00	66.41 4.58 0.00	73.07 5.54 0.00	105.02 8.58 0.00	121.47 10.13 0.00	138.55 10.90 -0.89	116.19 8.18 -5.74	86.64 5.41 -4.99	68.13 3.41 -4.98	59.89 3.39 0.00	48.20 2.69 0.00	43.13 2.48 0.00
INDIAN POINT_GT_2 23659	40.48 2.61 0.00	37.88 1.91 0.00	35.71 1.77 0.00	33.70 1.79 0.00	33.15 1.76 0.00	35.19 1.87 0.00	37.89 2.04 0.00	39.37 2.51 0.00	41.60 2.87 0.00	44.90 3.05 0.00	46.75 3.10 0.00	57.13 3.69 0.00	62.61 4.37 0.00	66.41 4.58 0.00	73.07 5.54 0.00	105.02 8.58 0.00	121.47 10.13 0.00	138.55 10.90 -0.89	116.19 8.18 -5.74	86.64 5.41 -4.99	68.13 3.41 -4.98	59.89 3.39 0.00	48.20 2.69 0.00	43.13 2.48 0.00
INDIAN POINT_GT_3 24019	40.48 2.61 0.00	37.88 1.91 0.00	35.71 1.77 0.00	33.70 1.79 0.00	33.15 1.76 0.00	35.19 1.87 0.00	37.89 2.04 0.00	39.37 2.51 0.00	41.60 2.87 0.00	44.90 3.05 0.00	46.75 3.10 0.00	57.13 3.69 0.00	62.61 4.37 0.00	66.41 4.58 0.00	73.07 5.54 0.00	105.02 8.58 0.00	121.47 10.13 0.00	138.55 10.90 -0.89	116.19 8.18 -5.74	86.64 5.41 -4.99	68.13 3.41 -4.98	59.89 3.39 0.00	48.20 2.69 0.00	43.13 2.48 0.00
INDIAN POINT___2 23530	40.44 2.58 0.00	37.88 1.91 0.00	35.64 1.70 0.00	33.64 1.72 0.00	33.06 1.66 0.00	35.05 1.73 0.00	37.93 2.08 0.00	39.25 2.39 0.00	41.56 2.83 0.00	44.82 2.97 0.00	46.66 3.01 0.00	57.02 3.58 0.00	62.26 4.02 0.00	66.23 4.39 0.00	72.86 5.33 0.00	104.73 8.29 0.00	121.14 9.80 0.00	138.00 10.40 -0.85	115.78 7.88 -5.63	86.24 5.11 -4.90	67.86 3.22 -4.89	59.77 3.28 0.00	48.11 2.59 0.00	43.01 2.36 0.00
INDIAN POINT___3 23531	40.37 2.50 0.00	37.81 1.83 0.00	35.64 1.70 0.00	33.64 1.72 0.00	33.09 1.70 0.00	35.12 1.80 0.00	37.79 1.94 0.00	39.25 2.40 0.00	41.48 2.75 0.00	44.78 2.93 0.00	46.62 2.97 0.00	56.97 3.53 0.00	62.38 4.14 0.00	66.16 4.33 0.00	72.80 5.27 0.00	104.64 8.20 0.00	121.02 9.69 0.00	138.04 10.39 -0.89	115.79 7.77 -5.74	86.34 5.11 -5.00	67.96 3.23 -4.99	59.72 3.22 0.00	48.02 2.50 0.00	43.01 2.36 0.00
INGHAM_C_115KV_TB7 356103	38.97 1.10 0.00	36.91 0.94 0.00	34.80 0.85 0.00	32.71 0.80 0.00	32.18 0.78 0.00	34.16 0.83 0.00	36.78 0.93 0.00	37.89 1.03 0.00	39.86 1.12 0.00	43.02 1.17 0.00	44.92 1.27 0.00	55.15 1.71 0.00	60.17 1.92 0.00	63.91 1.98 -0.10	69.69 2.16 0.00	99.43 2.99 0.00	114.68 3.34 0.00	130.56 3.80 0.00	105.44 3.17 0.00	78.60 2.36 0.00	61.60 1.85 0.00	58.25 1.75 0.00	46.88 1.37 0.00	41.83 1.18 0.00
IP CORINTH___1 23988	40.75 2.88 0.00	38.53 2.55 0.00	36.19 2.24 0.00	33.93 2.01 0.00	33.37 1.98 0.00	35.56 2.23 0.00	38.22 2.37 0.00	39.25 2.40 0.00	41.48 2.75 0.00	45.07 3.22 0.00	46.62 2.97 0.00	57.39 3.95 0.00	62.67 4.43 0.00	66.41 4.58 0.00	72.73 5.20 0.00	104.44 8.00 0.00	120.58 9.24 0.00	143.06 12.30 -4.00	175.46 10.43 -62.76	138.68 7.85 -54.59	120.77 6.51 -54.51	62.26 5.76 0.00	49.62 4.10 0.00	44.06 3.41 0.00

IP___TICONDEROGA 23804	43.25 5.38 0.00	40.90 4.93 0.00	38.29 4.35 0.00	35.78 3.86 0.00	35.19 3.80 0.00	37.59 4.27 0.00	40.40 4.55 0.00	41.47 4.61 0.00	44.00 5.27 0.00	47.87 6.03 0.00	49.59 5.94 0.00	61.35 7.91 0.00	66.92 8.68 0.00	71.30 9.46 0.00	78.07 10.53 0.00	111.97 15.53 0.00	129.15 17.81 0.00	154.38 23.45 -4.17	183.61 19.12 -62.22	144.99 14.64 -54.12	125.74 11.95 -54.04	67.06 10.56 0.00	53.21 7.69 0.00	47.11 6.46 0.00
ISLIP_RES_REC 323679	45.36 4.28 -3.22	43.78 3.42 -4.39	40.22 3.09 -3.19	37.17 3.00 -2.26	35.22 2.92 -0.90	38.40 3.10 -1.98	39.40 3.55 0.00	42.10 4.02 -1.23	44.20 4.57 -0.90	46.33 4.48 0.00	48.55 4.89 -0.01	64.92 6.04 -5.44	69.04 6.99 -3.81	81.68 7.67 -12.18	92.38 9.11 -15.74	126.08 15.59 -16.04	152.79 17.24 -25.86	211.82 17.24 -67.82	171.04 13.50 -55.27	129.42 9.37 -43.82	80.50 6.51 -14.24	72.97 6.27 -10.21	49.80 4.28 -0.01	43.94 3.29 0.00
JAMAICA__27_KV_LOAD 355505	41.35 3.48 0.00	38.46 2.48 0.00	36.22 2.27 0.00	34.18 2.27 0.00	33.56 2.17 0.00	35.69 2.37 0.00	38.47 2.62 0.00	40.10 3.24 0.00	42.57 3.83 0.00	45.91 4.06 0.00	47.71 4.06 0.00	58.36 4.92 0.00	63.95 5.71 0.00	67.71 5.87 0.00	74.69 7.16 0.00	107.72 11.28 0.00	124.59 13.25 0.00	141.99 14.32 -0.91	118.93 10.84 -5.82	88.54 7.24 -5.06	69.34 4.54 -5.05	61.01 4.52 0.00	49.07 3.55 0.00	44.10 3.46 0.00
JANIS___SOLAR 323808	40.39 2.46 -0.06	38.00 1.94 -0.09	35.61 1.63 -0.03	33.39 1.47 0.00	32.81 1.41 0.00	34.92 1.60 0.00	38.02 2.11 -0.05	39.25 2.39 0.00	41.18 2.44 0.00	44.46 2.47 -0.15	46.29 2.62 -0.02	57.68 3.68 -0.56	63.16 4.25 -0.67	66.54 4.45 -0.26	72.81 4.93 -0.36	105.25 6.75 -2.06	122.07 7.46 -3.27	140.01 9.38 -3.87	116.14 8.48 -5.39	86.46 7.32 -2.90	68.37 6.15 -2.47	62.12 5.37 -0.25	49.43 3.92 0.00	43.86 3.21 0.00
JARVIS____ 23743	38.29 0.42 0.00	36.26 0.29 0.00	34.19 0.24 0.00	32.17 0.25 0.00	31.65 0.25 0.00	33.59 0.27 0.00	36.17 0.32 0.00	37.23 0.37 0.00	39.16 0.43 0.00	42.31 0.46 0.00	44.13 0.48 0.00	54.08 0.64 0.00	58.95 0.70 0.00	62.68 0.74 -0.10	68.34 0.81 0.00	97.60 1.16 0.00	112.68 1.34 0.00	128.29 1.53 0.00	103.50 1.23 0.00	77.15 0.92 0.00	60.40 0.66 0.00	57.12 0.62 0.00	45.97 0.46 0.00	41.06 0.41 0.00
JENNISON___1 23625	40.60 2.69 -0.04	38.19 2.16 -0.06	35.90 1.93 -0.02	33.70 1.79 0.00	33.09 1.70 0.00	35.16 1.83 0.00	38.07 2.19 -0.04	39.59 2.73 0.00	41.64 2.91 0.00	45.09 3.14 -0.10	47.03 3.36 -0.01	58.59 4.76 -0.39	64.07 5.36 -0.47	67.64 5.63 -0.18	73.93 6.15 -0.25	106.37 8.49 -1.44	122.87 9.24 -2.29	140.37 10.90 -2.71	118.15 9.41 -6.48	88.24 7.62 -4.38	70.15 6.33 -4.08	62.32 5.65 -0.18	49.66 4.14 0.00	44.06 3.41 0.00
JENNISON___2 23626	40.60 2.69 -0.04	38.19 2.16 -0.06	35.90 1.93 -0.02	33.70 1.79 0.00	33.09 1.70 0.00	35.16 1.83 0.00	38.07 2.19 -0.04	39.59 2.73 0.00	41.64 2.91 0.00	45.09 3.14 -0.10	47.03 3.36 -0.01	58.59 4.76 -0.39	64.07 5.36 -0.47	67.64 5.63 -0.18	73.93 6.15 -0.25	106.37 8.49 -1.44	122.87 9.24 -2.29	140.37 10.90 -2.71	118.15 9.41 -6.48	88.24 7.62 -4.38	70.15 6.33 -4.08	62.32 5.65 -0.18	49.66 4.14 0.00	44.06 3.41 0.00
JERICHO_RISE_WT_PWR 323719	36.85 -1.02 0.00	35.51 -0.47 0.00	33.61 -0.34 0.00	31.54 -0.38 0.00	31.02 -0.38 0.00	32.96 -0.37 0.00	35.31 -0.54 0.00	36.16 -0.70 0.00	37.77 -0.97 0.00	40.89 -0.96 0.00	42.56 -1.09 0.00	51.09 -2.35 0.00	55.15 -3.09 0.01	56.66 -3.28 1.89	63.48 -4.05 0.00	90.84 -5.60 0.00	105.32 -6.01 0.00	119.79 -6.97 0.00	96.55 -5.73 0.00	71.81 -4.42 0.00	56.63 -3.11 0.00	54.01 -2.48 0.00	44.24 -1.27 0.00	39.67 -0.98 0.00
KATONAH___115KV_46KV_TB4 355592	40.90 3.03 0.00	38.28 2.30 0.00	36.02 2.07 0.00	33.99 2.07 0.00	33.44 2.04 0.00	35.49 2.17 0.00	38.32 2.47 0.00	39.81 2.95 0.00	42.14 3.41 0.00	45.53 3.68 0.00	47.36 3.71 0.00	57.93 4.49 0.00	63.60 5.36 0.00	67.59 5.75 0.00	74.42 6.89 0.00	106.95 10.51 0.00	123.81 12.47 0.00	141.24 13.56 -0.91	118.34 10.12 -5.94	88.27 6.86 -5.17	69.33 4.42 -5.16	60.79 4.29 0.00	48.89 3.37 0.00	43.66 3.01 0.00
KCE_NY_1 323755	40.90 3.03 0.00	38.67 2.70 0.00	36.36 2.41 0.00	34.12 2.20 0.00	33.56 2.16 0.00	35.65 2.33 0.00	38.43 2.58 0.00	39.44 2.58 0.00	41.60 2.87 0.00	45.11 3.27 0.00	46.84 3.18 0.00	57.61 4.17 0.00	62.79 4.55 0.00	66.84 5.01 0.00	73.13 5.60 0.00	104.93 8.49 0.00	121.24 9.91 0.00	144.06 12.55 -4.75	172.78 10.13 -60.38	136.31 7.55 -52.53	118.17 5.97 -52.45	61.92 5.42 0.00	49.48 3.96 0.00	44.02 3.37 0.00
KCE_NY_6_ESR 323823	38.67 0.80 0.00	35.79 -0.18 0.00	33.27 -0.68 0.00	30.96 -0.96 0.00	30.48 -0.91 0.00	32.52 -0.80 0.00	35.46 -0.39 0.00	36.71 -0.15 0.00	39.74 1.01 0.00	43.31 1.46 0.00	45.79 2.14 0.00	57.02 3.58 0.00	62.73 4.49 0.00	65.98 4.14 0.00	71.72 4.19 0.00	99.24 2.80 0.00	112.45 1.11 0.00	128.78 2.02 0.00	105.44 3.17 0.00	80.81 4.57 0.00	64.58 4.84 0.00	59.77 3.28 0.00	47.75 2.23 0.00	43.29 2.64 0.00
KEDC_PORT_JEFF_GT2 24210	44.91 3.82 -3.22	43.39 3.02 -4.39	39.85 2.72 -3.19	36.86 2.68 -2.26	34.94 2.64 -0.90	38.07 2.76 -1.98	39.04 3.19 0.00	41.70 3.61 -1.23	43.62 3.99 -0.90	45.61 3.77 0.00	47.63 3.97 0.00	62.13 4.54 -4.15	67.24 5.42 -3.57	79.34 6.00 -11.51	89.73 7.23 -14.97	122.95 10.99 -15.52	149.99 12.58 -26.07	219.69 13.82 -79.11	171.85 10.74 -58.84	136.22 7.48 -52.51	80.72 5.08 -15.90	71.68 4.97 -10.21	49.03 3.51 0.00	43.33 2.68 0.00
KEDC_PORT_JEFF_GT3 24211	44.91 3.82 -3.22	43.39 3.02 -4.39	39.85 2.72 -3.19	36.86 2.68 -2.26	34.94 2.64 -0.90	38.07 2.76 -1.98	39.04 3.19 0.00	41.70 3.61 -1.23	43.62 3.99 -0.90	45.61 3.77 0.00	47.63 3.97 0.00	62.13 4.54 -4.15	67.24 5.42 -3.57	79.34 6.00 -11.51	89.73 7.23 -14.97	122.95 10.99 -15.52	149.99 12.58 -26.07	219.69 13.82 -79.11	171.85 10.74 -58.84	136.22 7.48 -52.51	80.72 5.08 -15.90	71.68 4.97 -10.21	49.03 3.51 0.00	43.33 2.68 0.00
KEDC_GLWD_GT4 24219	44.91 3.82 -3.22	43.42 3.06 -4.39	39.85 2.72 -3.19	36.82 2.65 -2.26	34.87 2.57 -0.90	38.00 2.70 -1.98	39.01 3.16 0.00	41.66 3.57 -1.23	43.82 4.18 -0.90	46.12 4.27 0.00	47.80 4.15 0.00	86.90 5.13 -28.33	100.14 5.82 -36.07	171.07 6.37 -102.86	194.42 7.56 -119.33	194.17 11.47 -86.26	239.26 13.47 -114.45	217.64 14.45 -76.43	240.37 11.05 -127.05	88.68 7.39 -5.06	71.49 4.90 -6.84	71.55 4.86 -10.20	48.93 3.42 0.00	43.54 2.89 0.00
KEDC_GLWD_GT5 24220	44.91 3.82 -3.22	43.42 3.06 -4.39	39.85 2.72 -3.19	36.82 2.65 -2.26	34.87 2.57 -0.90	38.00 2.70 -1.98	39.01 3.16 0.00	41.66 3.57 -1.23	43.82 4.18 -0.90	46.12 4.27 0.00	47.80 4.15 0.00	86.90 5.13 -28.33	100.14 5.82 -36.07	171.07 6.37 -102.86	194.42 7.56 -119.33	194.17 11.47 -86.26	239.26 13.47 -114.45	217.64 14.45 -76.43	240.37 11.05 -127.05	88.68 7.39 -5.06	71.49 4.90 -6.84	71.55 4.86 -10.20	48.93 3.42 0.00	43.54 2.89 0.00

KENSICO____ 23655	40.67 2.80 0.00	38.02 2.05 0.00	35.85 1.90 0.00	33.83 1.91 0.00	33.25 1.85 0.00	35.36 2.03 0.00	38.04 2.19 0.00	39.51 2.65 0.00	41.79 3.06 0.00	45.11 3.26 0.00	46.93 3.27 0.00	57.34 3.90 0.00	62.85 4.60 0.00	66.60 4.76 0.00	73.34 5.81 0.00	105.41 8.97 0.00	121.91 10.58 0.00	139.08 11.41 -0.91	116.66 8.59 -5.80	86.92 5.64 -5.05	68.37 3.58 -5.04	60.11 3.62 0.00	48.34 2.82 0.00	43.29 2.64 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	40.44 2.58 0.00	37.95 1.98 0.00	35.71 1.77 0.00	33.70 1.79 0.00	33.12 1.73 0.00	35.12 1.80 0.00	37.68 1.83 0.00	39.14 2.29 0.00	41.41 2.67 0.00	44.78 2.93 0.00	46.71 3.06 0.00	56.97 3.53 0.00	62.73 4.48 0.00	66.60 4.76 0.00	73.34 5.81 0.00	105.50 9.07 0.00	121.94 10.91 0.31	137.62 11.92 1.05	117.36 8.90 -6.20	88.70 6.10 -6.37	70.05 3.94 -6.36	60.28 3.79 0.00	48.34 2.82 0.00	43.17 2.52 0.00
KIAC_JFK_GT1 23816	40.94 3.07 0.00	38.10 2.12 0.00	35.88 1.93 0.00	33.86 1.95 0.00	33.25 1.85 0.00	35.36 2.03 0.00	38.11 2.26 0.00	39.73 2.87 0.00	42.14 3.41 0.00	45.45 3.60 0.00	47.28 3.62 0.00	57.71 4.28 0.00	63.31 5.07 0.00	66.97 5.13 0.00	73.95 6.42 0.00	106.57 10.13 0.00	123.36 12.02 0.00	140.47 12.80 -0.91	117.70 9.61 -5.82	87.62 6.33 -5.06	68.62 3.82 -5.05	60.34 3.84 0.00	48.52 3.00 0.00	43.62 2.97 0.00
KIAC_JFK_GT2 23817	40.94 3.07 0.00	38.10 2.12 0.00	35.88 1.93 0.00	33.86 1.95 0.00	33.25 1.85 0.00	35.36 2.03 0.00	38.11 2.26 0.00	39.73 2.87 0.00	42.14 3.41 0.00	45.45 3.60 0.00	47.28 3.62 0.00	57.71 4.28 0.00	63.31 5.07 0.00	66.97 5.13 0.00	73.95 6.42 0.00	106.57 10.13 0.00	123.36 12.02 0.00	140.47 12.80 -0.91	117.70 9.61 -5.82	87.62 6.33 -5.06	68.62 3.82 -5.05	60.34 3.84 0.00	48.52 3.00 0.00	43.62 2.97 0.00
KIAC_JFK____ 323774	41.01 3.14 0.00	38.20 2.23 0.00	35.88 1.93 0.00	33.86 1.95 0.00	33.25 1.85 0.00	35.29 1.97 0.00	38.25 2.40 0.00	39.74 2.88 0.00	42.26 3.52 0.00	45.49 3.64 0.00	47.23 3.58 0.00	57.72 4.28 0.00	63.08 4.83 0.00	66.96 5.13 0.00	73.95 6.42 0.00	106.56 10.12 0.00	123.37 12.03 0.00	140.47 12.80 -0.91	117.70 9.61 -5.82	87.62 6.32 -5.06	68.62 3.83 -5.05	60.39 3.90 0.00	48.62 3.10 0.00	43.62 2.97 0.00
KINTIGH____ 23543	37.68 -0.19 0.00	35.11 -0.86 0.00	32.72 -1.22 0.00	30.48 -1.44 0.00	30.01 -1.38 0.00	31.69 -1.63 0.00	34.16 -1.68 0.00	35.83 -1.03 0.00	38.62 -0.12 0.00	42.06 0.21 0.00	44.35 0.70 0.00	55.20 1.76 0.00	59.88 1.63 0.00	63.57 1.73 0.00	69.15 1.62 0.00	96.25 -0.19 0.00	109.22 -2.12 0.00	125.37 -1.39 0.00	102.27 0.00 0.00	78.37 2.13 0.00	62.61 2.87 0.00	58.13 1.64 0.00	46.43 0.91 0.00	42.15 1.50 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	37.57 -0.30 0.00	36.15 0.18 0.00	34.15 0.20 0.00	31.95 0.03 0.00	31.46 0.06 0.00	33.49 0.17 0.00	36.14 0.29 0.00	36.82 -0.04 0.00	38.58 -0.15 0.00	41.64 -0.21 0.00	43.30 -0.35 0.00	51.36 -2.08 0.00	55.15 -3.09 0.01	56.51 -3.40 1.92	63.14 -4.39 0.00	90.27 -6.17 0.00	104.99 -6.35 0.00	119.28 -7.48 0.00	96.13 -6.14 0.00	71.51 -4.73 0.00	56.64 -3.11 0.00	54.63 -1.86 0.00	45.52 0.00 0.00	40.45 -0.20 0.00
LACHUTE__HYDRO 323717	43.28 5.41 0.00	40.94 4.97 0.00	38.29 4.35 0.00	35.78 3.86 0.00	35.19 3.80 0.00	37.59 4.27 0.00	40.54 4.70 0.00	41.47 4.61 0.00	44.04 5.31 0.00	47.91 6.07 0.00	49.59 5.94 0.00	61.35 7.91 0.00	66.92 8.68 0.00	71.30 9.46 0.00	78.06 10.53 0.00	111.97 15.53 0.00	129.15 17.81 0.00	154.38 23.45 -4.17	183.61 19.12 -62.22	145.00 14.64 -54.12	125.74 11.95 -54.04	67.11 10.62 0.00	53.26 7.74 0.00	47.11 6.46 0.00
LAWRNCALV_115KV_TB1 80681	36.62 -1.25 0.00	35.29 -0.68 0.00	33.37 -0.58 0.00	31.28 -0.64 0.00	30.67 -0.72 0.00	32.52 -0.80 0.00	35.03 -0.82 0.00	35.57 -1.29 0.00	36.87 -1.86 0.00	39.46 -2.39 0.00	41.03 -2.62 0.00	49.86 -3.58 0.00	54.10 -4.14 0.01	55.78 -4.45 1.60	62.26 -5.27 0.00	89.11 -7.33 0.00	103.32 -8.02 0.00	117.51 -9.25 0.00	94.80 -7.47 0.00	70.59 -5.64 0.00	55.74 -4.00 0.00	53.11 -3.39 0.00	43.15 -2.37 0.00	38.33 -2.32 0.00
LEDERLE____ 23769	40.44 2.58 0.00	37.84 1.87 0.00	35.68 1.73 0.00	33.67 1.76 0.00	33.12 1.73 0.00	35.19 1.87 0.00	37.79 1.94 0.00	39.29 2.43 0.00	41.52 2.79 0.00	44.90 3.05 0.00	46.84 3.19 0.00	57.18 3.74 0.00	62.67 4.43 0.00	66.53 4.70 0.00	73.20 5.67 0.00	105.12 8.68 0.00	121.69 10.35 0.00	138.60 11.03 -0.81	115.98 8.18 -5.53	86.53 5.49 -4.81	68.01 3.47 -4.80	59.94 3.45 0.00	48.20 2.69 0.00	43.13 2.48 0.00
LIGHTRSE_115KV_TB6 355974	37.92 -0.11 -0.16	35.90 -0.32 -0.25	33.63 -0.41 -0.09	31.50 -0.41 0.00	30.99 -0.41 0.00	32.89 -0.43 0.00	35.60 -0.39 -0.15	36.67 -0.18 0.00	38.54 -0.19 0.00	42.09 -0.17 -0.41	43.44 -0.26 -0.05	54.88 -0.11 -1.55	59.97 -0.12 -1.84	62.28 -0.12 -0.57	68.45 -0.07 -0.98	101.84 -0.29 -5.69	119.69 -0.67 -9.02	136.93 -0.51 -10.68	109.19 -0.10 -7.02	77.87 0.46 -1.18	60.40 0.66 0.00	57.53 0.34 -0.69	45.66 0.14 0.00	40.81 0.16 0.00
LINDEN COGEN____ 23786	40.90 3.03 0.00	38.17 2.19 0.00	35.88 1.93 0.00	33.83 1.91 0.00	33.25 1.85 0.00	35.25 1.93 0.00	38.18 2.33 0.00	39.62 2.77 0.00	42.02 3.29 0.00	44.78 3.35 0.41	45.13 3.28 1.80	45.76 3.85 11.53	45.76 4.31 16.79	48.28 4.58 18.13	57.41 5.74 15.86	87.40 8.97 18.01	104.60 10.58 17.32	120.96 11.16 16.96	97.73 8.28 12.82	67.69 5.26 13.80	49.82 3.16 13.09	45.07 3.33 14.75	45.13 2.78 3.17	43.37 2.72 0.00
LINDHRST_69_KV_BK1 356055	45.21 4.13 -3.22	43.64 3.27 -4.39	40.16 3.02 -3.19	37.11 2.94 -2.26	35.19 2.89 -0.90	38.40 3.10 -1.98	39.11 3.26 0.00	41.95 3.87 -1.23	44.01 4.38 -0.90	46.16 4.31 0.00	48.29 4.63 -0.01	66.80 5.61 -7.75	72.22 6.47 -7.51	91.44 7.05 -22.56	103.57 8.44 -27.60	133.34 12.83 -24.07	160.41 14.92 -34.15	180.20 16.35 -37.09	163.44 12.68 -48.49	93.55 8.69 -8.63	73.24 5.97 -7.52	72.45 5.76 -10.20	49.58 4.05 -0.01	44.10 3.46 0.00
LIPA_MISC_IPP 23656	44.76 3.67 -3.22	43.17 2.81 -4.39	39.75 2.61 -3.19	36.76 2.59 -2.26	34.84 2.54 -0.90	38.03 2.73 -1.98	38.72 2.87 0.00	41.59 3.50 -1.23	43.55 3.91 -0.90	45.61 3.77 0.00	47.98 4.32 0.00	62.73 5.24 -4.05	67.92 6.23 -3.44	79.83 6.86 -11.13	90.17 8.10 -14.54	123.81 12.15 -15.22	149.40 13.81 -24.26	206.65 15.46 -64.42	169.38 12.27 -54.84	129.71 8.39 -45.09	80.02 5.80 -14.49	72.24 5.54 -10.21	49.16 3.64 0.00	43.45 2.80 0.00
LISF__SOLAR 323691	44.95 3.86 -3.22	43.39 3.02 -4.39	39.82 2.68 -3.19	36.86 2.68 -2.26	34.90 2.60 -0.90	38.07 2.76 -1.98	39.04 3.19 0.00	41.66 3.57 -1.23	43.74 4.10 -0.90	45.74 3.89 0.00	48.06 4.41 0.00	63.02 5.40 -4.19	68.14 6.41 -3.49	80.14 7.05 -11.26	90.59 8.37 -14.68	124.29 12.53 -15.32	150.16 14.25 -24.56	208.75 15.97 -66.02	170.20 12.68 -55.25	130.59 8.69 -45.67	80.44 6.10 -14.60	72.58 5.88 -10.21	49.39 3.87 0.00	43.45 2.80 0.00

LITTLE FALLS___HYD 24013	38.97 1.10 0.00	36.91 0.94 0.00	34.80 0.85 0.00	32.71 0.80 0.00	32.18 0.78 0.00	34.16 0.83 0.00	36.78 0.93 0.00	37.89 1.03 0.00	39.86 1.12 0.00	43.02 1.17 0.00	44.92 1.27 0.00	55.15 1.71 0.00	60.17 1.92 0.00	63.91 1.98 -0.10	69.69 2.16 0.00	99.43 2.99 0.00	114.68 3.34 0.00	130.56 3.80 0.00	105.44 3.17 0.00	78.60 2.36 0.00	61.60 1.85 0.00	58.25 1.75 0.00	46.88 1.37 0.00	41.83 1.18 0.00
LITTLRIV_115KV_TB1 356100	37.06 -0.83 -0.02	35.68 -0.32 -0.03	33.72 -0.24 -0.01	31.63 -0.29 0.00	31.02 -0.38 0.00	32.86 -0.47 0.00	35.47 -0.39 -0.02	35.94 -0.92 0.00	37.26 -1.47 0.00	39.89 -2.01 -0.05	41.39 -2.27 -0.01	50.48 -3.15 -0.19	54.86 -3.61 -0.22	56.46 -3.90 1.48	62.93 -4.73 -0.12	90.59 -6.56 -0.71	105.34 -7.13 -1.13	119.98 -8.11 -1.33	96.81 -6.34 -0.88	71.65 -4.73 -0.15	56.58 -3.17 0.00	53.98 -2.60 -0.09	43.74 -1.78 0.00	38.78 -1.87 0.00
LI_NEWBRDGE___DRP 323616	44.31 3.22 -3.22	42.85 2.48 -4.39	39.44 2.31 -3.19	36.44 2.27 -2.26	34.53 2.23 -0.90	37.70 2.40 -1.98	38.40 2.55 0.00	41.18 3.10 -1.23	43.16 3.52 -0.90	45.32 3.47 0.00	47.28 3.62 0.00	57.82 4.38 0.00	63.43 5.18 0.00	68.73 5.44 -1.45	77.56 6.55 -3.48	114.29 10.13 -7.72	136.30 11.91 -13.04	163.88 12.80 -24.32	137.62 9.72 -25.64	87.77 6.48 -5.06	70.83 4.24 -6.84	70.93 4.24 -10.20	48.52 3.00 0.00	43.29 2.64 0.00
LOCKPORT_115KV_TB60_63_64 80432	37.79 -0.08 0.00	35.11 -0.86 0.00	32.62 -1.32 0.00	30.32 -1.60 0.00	29.89 -1.51 0.00	31.49 -1.83 0.00	33.95 -1.90 0.00	35.75 -1.11 0.00	38.73 0.00 0.00	42.22 0.38 0.00	44.61 0.96 0.00	55.58 2.14 0.00	60.28 2.04 0.00	64.12 2.29 0.00	69.56 2.03 0.00	96.34 -0.10 0.00	109.00 -2.34 0.00	125.24 -1.52 0.00	102.48 0.20 0.00	78.83 2.59 0.00	63.21 3.47 0.00	58.47 1.98 0.00	46.70 1.18 0.00	42.56 1.91 0.00
LOCKPORT___CC1 323769	37.76 -0.11 0.00	34.97 -1.01 0.00	32.49 -1.46 0.00	30.22 -1.69 0.00	29.76 -1.63 0.00	31.72 -1.60 0.00	34.52 -1.33 0.00	35.61 -1.25 0.00	38.58 -0.15 0.00	42.06 0.21 0.00	44.48 0.83 0.00	55.31 1.87 0.00	60.80 2.56 0.00	63.81 1.98 0.00	69.22 1.69 0.00	95.86 -0.58 0.00	108.44 -2.90 0.00	124.60 -2.16 0.00	101.96 -0.31 0.00	78.37 2.13 0.00	62.91 3.16 0.00	58.19 1.69 0.00	46.57 1.05 0.00	42.40 1.75 0.00
LOCKPORT___CC2 323770	37.76 -0.11 0.00	34.97 -1.01 0.00	32.49 -1.46 0.00	30.22 -1.69 0.00	29.76 -1.63 0.00	31.72 -1.60 0.00	34.52 -1.33 0.00	35.61 -1.25 0.00	38.58 -0.15 0.00	42.06 0.21 0.00	44.48 0.83 0.00	55.31 1.87 0.00	60.80 2.56 0.00	63.81 1.98 0.00	69.22 1.69 0.00	95.86 -0.58 0.00	108.44 -2.90 0.00	124.60 -2.16 0.00	101.96 -0.31 0.00	78.37 2.13 0.00	62.91 3.16 0.00	58.19 1.69 0.00	46.57 1.05 0.00	42.40 1.75 0.00
LOCKPORT___CC3 323771	37.76 -0.11 0.00	34.97 -1.01 0.00	32.49 -1.46 0.00	30.22 -1.69 0.00	29.76 -1.63 0.00	31.72 -1.60 0.00	34.52 -1.33 0.00	35.61 -1.25 0.00	38.58 -0.15 0.00	42.06 0.21 0.00	44.48 0.83 0.00	55.31 1.87 0.00	60.80 2.56 0.00	63.81 1.98 0.00	69.22 1.69 0.00	95.86 -0.58 0.00	108.44 -2.90 0.00	124.60 -2.16 0.00	101.96 -0.31 0.00	78.37 2.13 0.00	62.91 3.16 0.00	58.19 1.69 0.00	46.57 1.05 0.00	42.40 1.75 0.00
LONG_LAKE_PHOENIX 24014	37.79 -0.30 -0.23	35.85 -0.47 -0.35	33.53 -0.54 -0.13	31.37 -0.54 0.00	30.86 -0.53 0.00	32.76 -0.57 0.00	35.49 -0.57 -0.21	36.60 -0.26 0.00	38.54 -0.19 0.00	42.30 -0.13 -0.57	43.64 -0.09 -0.07	55.72 0.11 -2.17	60.95 0.12 -2.59	63.01 0.19 -0.99	69.18 0.27 -1.38	104.44 0.00 -8.00	123.80 -0.22 -12.69	141.64 -0.13 -15.01	112.24 0.10 -9.87	78.27 0.38 -1.66	60.22 0.48 0.00	57.69 0.23 -0.97	45.52 0.00 0.00	40.73 0.08 0.00
LOVETT___3 23632	40.18 2.31 0.00	37.63 1.65 0.00	35.47 1.53 0.00	33.51 1.60 0.00	32.97 1.57 0.00	34.99 1.67 0.00	37.61 1.76 0.00	39.07 2.21 0.00	41.25 2.52 0.00	44.57 2.72 0.00	46.45 2.79 0.00	56.75 3.31 0.00	62.15 3.90 0.00	65.92 4.08 0.00	72.53 5.00 0.00	104.25 7.81 0.00	120.58 9.24 0.00	137.47 9.89 -0.82	115.19 7.36 -5.56	85.87 4.80 -4.83	67.50 2.93 -4.83	59.43 2.94 0.00	47.84 2.32 0.00	42.80 2.15 0.00
LOVETT___4 23642	40.18 2.31 0.00	37.63 1.65 0.00	35.47 1.53 0.00	33.51 1.60 0.00	32.97 1.57 0.00	34.99 1.67 0.00	37.61 1.76 0.00	39.07 2.21 0.00	41.25 2.52 0.00	44.57 2.72 0.00	46.45 2.79 0.00	56.75 3.31 0.00	62.15 3.90 0.00	65.92 4.08 0.00	72.53 5.00 0.00	104.25 7.81 0.00	120.58 9.24 0.00	137.47 9.89 -0.82	115.19 7.36 -5.56	85.87 4.80 -4.83	67.50 2.93 -4.83	59.43 2.94 0.00	47.84 2.32 0.00	42.80 2.15 0.00
LOVETT___5 23593	40.18 2.31 0.00	37.63 1.65 0.00	35.47 1.53 0.00	33.51 1.60 0.00	32.97 1.57 0.00	34.99 1.67 0.00	37.61 1.76 0.00	39.07 2.21 0.00	41.25 2.52 0.00	44.57 2.72 0.00	46.45 2.79 0.00	56.75 3.31 0.00	62.15 3.90 0.00	65.92 4.08 0.00	72.53 5.00 0.00	104.25 7.81 0.00	120.58 9.24 0.00	137.47 9.89 -0.82	115.19 7.36 -5.56	85.87 4.80 -4.83	67.50 2.93 -4.83	59.43 2.94 0.00	47.84 2.32 0.00	42.80 2.15 0.00
LOWER RAQUET___HYD 24057	36.19 -1.70 -0.02	35.14 -0.86 -0.03	33.24 -0.71 -0.01	31.18 -0.73 0.00	30.58 -0.82 0.00	32.36 -0.97 0.00	34.69 -1.18 -0.02	35.42 -1.44 0.00	36.41 -2.32 0.00	39.35 -2.55 -0.05	40.86 -2.79 -0.01	49.85 -3.79 -0.21	54.05 -4.43 -0.24	55.63 -4.76 1.44	62.06 -5.60 -0.13	89.48 -7.72 -0.76	104.07 -8.47 -1.20	118.42 -9.76 -1.42	95.33 -7.87 -0.93	70.52 -5.87 -0.16	55.56 -4.18 0.00	52.97 -3.62 -0.09	42.88 -2.64 0.00	38.25 -2.40 0.00
LOWER___HUDSON 24059	39.91 2.04 0.00	37.74 1.76 0.00	35.54 1.60 0.00	33.42 1.50 0.00	32.87 1.48 0.00	34.89 1.57 0.00	37.61 1.76 0.00	38.66 1.81 0.00	40.67 1.94 0.00	43.98 2.13 0.00	45.75 2.10 0.00	56.06 2.62 0.00	61.10 2.85 0.00	64.99 3.15 0.00	71.11 3.58 0.00	101.93 5.49 0.00	118.02 6.68 0.00	141.61 7.99 -6.86	161.51 6.34 -52.90	126.82 4.57 -46.02	109.10 3.40 -45.95	59.71 3.22 0.00	47.93 2.41 0.00	42.68 2.03 0.00
LOWVILLE_115KV_TB2 356335	38.52 0.61 -0.05	36.52 0.47 -0.07	34.35 0.37 -0.03	32.27 0.35 0.00	31.68 0.28 0.00	33.62 0.30 0.00	36.32 0.43 -0.04	37.41 0.55 0.00	39.16 0.43 0.00	42.26 0.29 -0.12	43.93 0.26 -0.02	54.38 0.48 -0.46	59.32 0.52 -0.55	62.17 0.49 0.16	68.30 0.47 -0.30	98.92 0.77 -1.71	114.83 0.78 -2.71	131.36 1.39 -3.21	105.91 1.53 -2.11	78.26 1.68 -0.35	61.36 1.61 0.00	58.17 1.47 -0.21	46.47 0.96 0.00	41.14 0.49 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	40.86 2.99 0.00	38.60 2.63 0.00	36.32 2.38 0.00	34.09 2.17 0.00	33.53 2.13 0.00	35.66 2.33 0.00	38.32 2.47 0.00	39.40 2.54 0.00	41.52 2.79 0.00	45.03 3.18 0.00	46.84 3.19 0.00	57.55 4.11 0.00	62.79 4.54 0.00	66.78 4.95 0.00	73.07 5.54 0.00	104.83 8.39 0.00	121.13 9.80 0.00	143.81 12.30 -4.75	172.68 10.02 -60.38	136.23 7.47 -52.53	118.11 5.91 -52.45	61.81 5.31 0.00	49.39 3.87 0.00	43.98 3.33 0.00

LUTHERNY_35_KV_BK2 355980	40.86 2.99 0.00	38.64 2.66 0.00	36.36 2.41 0.00	34.12 2.20 0.00	33.56 2.17 0.00	35.69 2.37 0.00	38.32 2.47 0.00	39.44 2.58 0.00	41.56 2.83 0.00	45.07 3.22 0.00	46.84 3.19 0.00	57.61 4.17 0.00	62.85 4.60 0.00	66.84 5.01 0.00	73.14 5.61 0.00	104.93 8.49 0.00	121.25 9.91 0.00	144.06 12.55 -4.75	172.78 10.12 -60.38	136.31 7.55 -52.53	118.17 5.97 -52.45	61.86 5.37 0.00	49.43 3.91 0.00	44.02 3.37 0.00
LWR___OSWEGATCHIE_HYD 23850	37.27 -0.64 -0.04	35.61 -0.43 -0.06	33.56 -0.41 -0.02	31.47 -0.45 0.00	30.89 -0.50 0.00	32.76 -0.57 0.00	35.39 -0.50 -0.04	36.16 -0.70 0.00	37.69 -1.05 0.00	40.57 -1.38 -0.11	42.09 -1.57 -0.01	51.86 -1.98 -0.40	56.45 -2.27 -0.47	58.53 -2.47 0.83	64.81 -2.97 -0.26	93.87 -4.05 -1.48	109.23 -4.45 -2.34	124.71 -4.82 -2.77	100.51 -3.58 -1.82	74.10 -2.44 -0.31	58.19 -1.55 0.00	55.32 -1.36 -0.18	44.47 -1.05 0.00	39.43 -1.22 0.00
LYONS_FALL_HYD 23570	38.78 0.87 -0.04	36.75 0.72 -0.05	34.58 0.61 -0.02	32.49 0.58 0.00	31.93 0.53 0.00	33.89 0.57 0.00	36.64 0.75 -0.03	37.71 0.85 0.00	39.58 0.85 0.00	42.73 0.79 -0.09	44.49 0.83 -0.01	55.01 1.23 -0.34	60.04 1.40 -0.40	63.20 1.42 0.06	69.23 1.48 -0.22	99.91 2.22 -1.25	115.76 2.45 -1.98	132.27 3.17 -2.34	106.67 2.86 -1.54	78.93 2.44 -0.26	61.89 2.15 0.00	58.57 1.92 -0.15	46.84 1.32 0.00	41.54 0.89 0.00
MADISON___COUNTY_LFGE 323628	39.38 1.48 -0.04	37.22 1.19 -0.06	34.99 1.02 -0.02	32.87 0.96 0.00	32.31 0.91 0.00	34.29 0.97 0.00	37.03 1.15 -0.03	38.33 1.47 0.00	40.32 1.59 0.00	43.62 1.67 -0.09	45.50 1.83 -0.01	56.36 2.57 -0.36	61.53 2.85 -0.43	65.09 3.09 -0.16	71.07 3.31 -0.23	102.39 4.63 -1.32	118.55 5.12 -2.09	135.31 6.08 -2.47	109.01 5.11 -1.62	80.70 4.19 -0.27	63.21 3.47 0.00	59.71 3.05 -0.16	47.70 2.18 0.00	42.40 1.75 0.00
MALONE___115KV_TB1 356076	37.15 -0.72 0.00	35.79 -0.18 0.00	33.81 -0.14 0.00	31.66 -0.26 0.00	31.14 -0.25 0.00	33.12 -0.20 0.00	35.74 -0.11 0.00	36.38 -0.48 0.00	38.04 -0.70 0.00	40.97 -0.88 0.00	42.60 -1.05 0.00	51.30 -2.14 0.00	55.44 -2.80 0.01	56.94 -3.09 1.80	63.48 -4.05 0.00	90.85 -5.59 0.00	105.44 -5.90 0.00	119.91 -6.85 0.00	96.65 -5.62 0.00	71.89 -4.35 0.00	56.94 -2.81 0.00	54.52 -1.98 0.00	44.70 -0.82 0.00	39.71 -0.93 0.00
MAPLEWOD_115KV_TB3 80458	39.57 1.70 0.00	37.41 1.44 0.00	35.27 1.32 0.00	33.16 1.24 0.00	32.62 1.22 0.00	34.66 1.33 0.00	37.21 1.36 0.00	38.37 1.51 0.00	40.36 1.63 0.00	43.65 1.80 0.00	45.49 1.83 0.00	55.68 2.24 0.00	60.69 2.45 0.00	64.49 2.66 0.00	70.57 3.04 0.00	101.16 4.73 0.00	117.02 5.68 0.00	139.79 6.85 -6.19	150.32 5.32 -42.73	117.22 3.81 -37.17	99.61 2.75 -37.12	59.04 2.54 0.00	47.52 2.00 0.00	42.40 1.75 0.00
MAPLE_RIDGE_WT_1 323574	37.11 -0.76 0.00	35.51 -0.47 0.00	33.57 -0.37 0.00	31.54 -0.38 0.00	31.02 -0.38 0.00	32.92 -0.40 0.00	35.31 -0.54 0.00	36.20 -0.66 0.00	37.92 -0.82 0.00	40.97 -0.88 0.00	42.73 -0.92 0.00	51.84 -1.60 0.00	56.31 -1.92 0.01	56.79 -2.04 3.01	66.45 -1.08 0.00	95.00 -1.44 0.00	109.67 -1.67 0.00	124.86 -1.90 0.00	100.74 -1.53 0.00	75.01 -1.22 0.00	58.85 -0.89 0.00	55.65 -0.85 0.00	45.02 -0.50 0.00	40.12 -0.53 0.00
MAPLE_RIDGE_WT_2 323611	37.11 -0.76 0.00	35.51 -0.47 0.00	33.57 -0.37 0.00	31.54 -0.38 0.00	31.02 -0.38 0.00	32.92 -0.40 0.00	35.31 -0.54 0.00	36.20 -0.66 0.00	37.92 -0.82 0.00	40.97 -0.88 0.00	42.73 -0.92 0.00	51.84 -1.60 0.00	56.31 -1.92 0.01	56.79 -2.04 3.01	66.45 -1.08 0.00	95.00 -1.44 0.00	109.67 -1.67 0.00	124.86 -1.90 0.00	100.74 -1.53 0.00	75.01 -1.22 0.00	58.85 -0.89 0.00	55.65 -0.85 0.00	45.02 -0.50 0.00	40.12 -0.53 0.00
MARBLE_RIVER_WT_PWR 323696	37.04 -0.83 0.00	35.65 -0.32 0.00	33.74 -0.20 0.00	31.63 -0.29 0.00	31.14 -0.25 0.00	33.09 -0.23 0.00	35.46 -0.39 0.00	36.34 -0.52 0.00	37.96 -0.77 0.00	41.13 -0.71 0.00	42.82 -0.83 0.00	51.20 -2.24 0.00	55.15 -3.09 0.01	56.62 -3.28 1.93	63.48 -4.05 0.00	90.75 -5.69 0.00	105.32 -6.01 0.00	119.79 -6.97 0.00	96.55 -5.73 0.00	71.81 -4.42 0.00	56.63 -3.11 0.00	54.07 -2.43 0.00	44.43 -1.09 0.00	39.92 -0.73 0.00
MARSHVLE_115KV_TB1 80742	41.31 3.45 0.00	39.00 3.02 0.00	36.70 2.75 0.00	34.41 2.49 0.00	33.88 2.48 0.00	36.09 2.77 0.00	38.65 2.80 0.00	39.37 2.51 0.00	40.98 2.25 0.00	44.06 2.22 0.00	45.84 2.18 0.00	56.49 3.05 0.00	61.68 3.44 0.00	65.61 3.77 0.00	71.85 4.32 0.00	102.90 6.46 0.00	119.35 8.02 0.00	140.81 12.68 -1.37	171.49 11.56 -57.66	135.70 9.30 -50.16	117.30 7.47 -50.09	63.22 6.72 0.00	50.39 4.87 0.00	44.67 4.02 0.00
MARSH_HILL_WT_PWR 323713	39.26 1.36 -0.03	36.62 0.61 -0.04	34.13 0.17 -0.01	31.82 -0.10 0.00	31.33 -0.06 0.00	33.46 0.13 0.00	36.52 0.65 -0.02	37.89 1.03 0.00	40.44 1.70 0.00	44.00 2.09 -0.07	46.28 2.62 -0.01	57.75 4.06 -0.25	63.21 4.66 -0.30	66.53 4.58 -0.11	72.56 4.87 -0.16	101.81 4.44 -0.93	116.70 3.89 -1.47	133.58 5.08 -1.74	108.73 5.31 -1.14	82.30 5.87 -0.19	65.24 5.49 0.00	60.73 4.12 -0.11	48.62 3.10 0.00	43.70 3.05 0.00
MCINTYRE_115KV_TB2 80467	37.34 -0.53 0.00	36.01 0.04 0.00	34.01 0.07 0.00	31.92 0.00 0.00	31.33 -0.06 0.00	33.22 -0.10 0.00	35.81 -0.04 0.00	36.23 -0.63 0.00	37.53 -1.20 0.00	40.09 -1.76 0.00	41.64 -2.01 0.00	50.61 -2.83 0.00	54.98 -3.26 0.01	56.63 -3.59 1.62	63.21 -4.32 0.00	90.46 -5.98 0.00	104.88 -6.46 0.00	119.53 -7.23 0.00	96.75 -5.52 0.00	72.27 -3.96 0.00	57.23 -2.51 0.00	54.52 -1.98 0.00	44.20 -1.32 0.00	39.19 -1.46 0.00
MECO_____69_KV_BK1 80468	43.21 5.34 0.00	40.79 4.82 0.00	38.26 4.31 0.00	35.78 3.86 0.00	35.19 3.80 0.00	37.62 4.30 0.00	40.47 4.62 0.00	41.54 4.68 0.00	43.77 5.04 0.00	47.29 5.44 0.00	49.33 5.67 0.00	61.13 7.70 0.00	66.63 8.39 0.00	71.17 9.34 0.00	78.00 10.47 0.00	112.26 15.82 0.00	129.82 18.48 0.00	153.82 25.61 -1.46	183.71 20.15 -61.29	144.80 15.25 -53.32	124.81 11.83 -53.24	67.00 10.51 0.00	53.17 7.65 0.00	47.07 6.42 0.00
MENANDS___115KV_TB5 355628	39.31 1.44 0.00	37.16 1.19 0.00	35.07 1.12 0.00	32.97 1.05 0.00	32.43 1.04 0.00	34.46 1.13 0.00	36.96 1.11 0.00	38.11 1.25 0.00	40.09 1.36 0.00	43.35 1.51 0.00	45.18 1.53 0.00	55.31 1.87 0.00	60.22 1.98 0.00	64.00 2.16 0.00	70.03 2.50 0.00	100.39 3.95 0.00	116.01 4.68 0.00	136.81 5.58 -4.47	147.60 4.30 -41.03	114.90 2.97 -35.70	97.48 2.09 -35.64	58.47 1.98 0.00	47.11 1.59 0.00	42.07 1.42 0.00
MG INDUSTRY___DRP 24185	39.35 1.48 0.00	37.23 1.26 0.00	35.17 1.22 0.00	33.07 1.15 0.00	32.53 1.13 0.00	34.52 1.20 0.00	37.03 1.18 0.00	38.08 1.22 0.00	39.93 1.20 0.00	43.06 1.21 0.00	44.83 1.18 0.00	54.88 1.44 0.00	58.30 0.06 0.00	61.96 0.12 0.00	67.80 0.27 0.00	97.11 0.68 0.00	110.52 1.00 1.82	117.11 1.65 11.29	121.97 1.23 -18.47	98.91 0.84 -21.83	82.14 0.60 -21.80	57.17 0.68 0.00	47.16 1.64 0.00	42.15 1.50 0.00

MID___OSWEGATCHIE_HYD 23849	37.27 -0.64 -0.04	35.61 -0.43 -0.06	33.56 -0.41 -0.02	31.47 -0.45 0.00	30.89 -0.50 0.00	32.76 -0.57 0.00	35.39 -0.50 -0.04	36.16 -0.70 0.00	37.69 -1.05 0.00	40.57 -1.38 -0.11	42.09 -1.57 -0.01	51.86 -1.98 -0.40	56.45 -2.27 -0.47	58.53 -2.47 0.83	64.81 -2.97 -0.26	93.87 -4.05 -1.48	109.23 -4.45 -2.34	124.71 -4.82 -2.77	100.51 -3.58 -1.82	74.10 -2.44 -0.31	58.19 -1.55 0.00	55.32 -1.36 -0.18	44.47 -1.05 0.00	39.43 -1.22 0.00
MID___RAQUETTE_HYD 23851	36.53 -1.36 -0.02	35.22 -0.79 -0.03	33.25 -0.71 -0.01	31.18 -0.73 0.00	30.58 -0.82 0.00	32.36 -0.97 0.00	34.90 -0.97 -0.02	35.42 -1.44 0.00	36.72 -2.01 0.00	39.35 -2.55 -0.05	40.87 -2.79 -0.01	49.85 -3.79 -0.21	54.11 -4.37 -0.24	55.63 -4.76 1.44	62.06 -5.61 -0.13	89.48 -7.72 -0.76	104.07 -8.46 -1.20	118.42 -9.76 -1.42	95.33 -7.87 -0.93	70.44 -5.95 -0.16	55.56 -4.18 0.00	53.03 -3.56 -0.09	43.02 -2.50 0.00	38.17 -2.48 0.00
MILLIKEN___1 23584	39.12 1.17 -0.08	36.92 0.83 -0.12	34.60 0.61 -0.04	32.43 0.51 0.00	31.90 0.50 0.00	33.89 0.57 0.00	36.68 0.75 -0.07	38.08 1.22 0.00	40.05 1.32 0.00	43.55 1.51 -0.20	45.34 1.66 -0.02	56.59 2.40 -0.75	61.82 2.68 -0.90	65.08 2.91 -0.34	71.25 3.24 -0.48	103.25 4.05 -2.76	120.17 4.45 -4.38	137.26 5.32 -5.18	110.48 4.81 -3.40	81.07 4.27 -0.57	63.33 3.58 0.00	59.88 3.05 -0.34	47.66 2.14 0.00	42.48 1.83 0.00
MILLIKEN___2 23585	39.12 1.17 -0.08	36.92 0.83 -0.12	34.60 0.61 -0.04	32.43 0.51 0.00	31.90 0.50 0.00	33.89 0.57 0.00	36.68 0.75 -0.07	38.08 1.22 0.00	40.05 1.32 0.00	43.55 1.51 -0.20	45.34 1.66 -0.02	56.59 2.40 -0.75	61.82 2.68 -0.90	65.08 2.91 -0.34	71.25 3.24 -0.48	103.25 4.05 -2.76	120.17 4.45 -4.38	137.26 5.32 -5.18	110.48 4.81 -3.40	81.07 4.27 -0.57	63.33 3.58 0.00	59.88 3.05 -0.34	47.66 2.14 0.00	42.48 1.83 0.00
MILLIKEN___DIESEL 23629	39.12 1.17 -0.08	36.92 0.83 -0.12	34.60 0.61 -0.04	32.43 0.51 0.00	31.90 0.50 0.00	33.89 0.57 0.00	36.68 0.75 -0.07	38.08 1.22 0.00	40.05 1.32 0.00	43.55 1.51 -0.20	45.34 1.66 -0.02	56.59 2.40 -0.75	61.82 2.68 -0.90	65.08 2.91 -0.34	71.25 3.24 -0.48	103.25 4.05 -2.76	120.17 4.45 -4.38	137.26 5.32 -5.18	110.48 4.81 -3.40	81.07 4.27 -0.57	63.33 3.58 0.00	59.88 3.05 -0.34	47.66 2.14 0.00	42.48 1.83 0.00
MILLSEAT___LFGE 323607	38.67 0.80 0.00	35.83 -0.14 0.00	33.30 -0.65 0.00	30.96 -0.96 0.00	30.55 -0.85 0.00	32.56 -0.77 0.00	35.38 -0.47 0.00	36.68 -0.18 0.00	39.58 0.85 0.00	43.10 1.25 0.00	45.57 1.92 0.00	56.70 3.26 0.00	62.21 3.96 0.00	65.48 3.65 0.00	70.97 3.44 0.00	98.66 2.22 0.00	111.67 0.34 0.00	128.53 1.77 0.00	105.13 2.86 0.00	80.65 4.42 0.00	64.70 4.96 0.00	59.88 3.39 0.00	47.79 2.27 0.00	43.37 2.72 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	40.52 2.65 0.00	37.95 1.98 0.00	35.78 1.83 0.00	33.74 1.82 0.00	33.19 1.79 0.00	35.26 1.93 0.00	37.93 2.08 0.00	39.40 2.54 0.00	41.68 2.94 0.00	44.94 3.10 0.00	46.80 3.14 0.00	57.18 3.74 0.00	62.67 4.43 0.00	66.41 4.58 0.00	73.14 5.61 0.00	105.12 8.68 0.00	121.58 10.24 0.00	138.69 11.03 -0.90	116.33 8.28 -5.77	86.74 5.49 -5.02	68.22 3.47 -5.01	59.94 3.45 0.00	48.25 2.73 0.00	43.17 2.52 0.00
MILLWOOD_13_KV_LOAD 356217	40.71 2.84 0.00	38.10 2.12 0.00	35.88 1.93 0.00	33.86 1.95 0.00	33.31 1.92 0.00	35.36 2.03 0.00	38.11 2.26 0.00	39.59 2.73 0.00	41.91 3.18 0.00	45.24 3.39 0.00	47.06 3.40 0.00	57.55 4.11 0.00	63.08 4.83 0.00	66.91 5.07 0.00	73.74 6.21 0.00	105.89 9.45 0.00	122.58 11.25 0.00	139.83 12.17 -0.90	117.15 9.10 -5.77	87.35 6.10 -5.02	68.64 3.88 -5.01	60.34 3.84 0.00	48.52 3.00 0.00	43.41 2.76 0.00
MODEL_CITY_ENERGY 24167	37.56 -0.30 0.00	34.82 -1.15 0.00	32.35 -1.59 0.00	30.10 -1.82 0.00	29.67 -1.73 0.00	31.59 -1.73 0.00	34.35 -1.50 0.00	35.38 -1.48 0.00	38.38 -0.35 0.00	41.80 -0.04 0.00	44.22 0.57 0.00	55.04 1.60 0.00	60.51 2.27 0.00	63.51 1.67 0.00	68.88 1.35 0.00	95.47 -0.96 0.00	107.88 -3.45 0.00	123.97 -2.79 0.00	101.45 -0.82 0.00	78.06 1.83 0.00	62.61 2.87 0.00	57.96 1.47 0.00	46.29 0.77 0.00	42.19 1.54 0.00
MODERN_LFGE___ 323580	37.56 -0.30 0.00	34.82 -1.15 0.00	32.35 -1.59 0.00	30.10 -1.82 0.00	29.67 -1.73 0.00	31.59 -1.73 0.00	34.35 -1.50 0.00	35.38 -1.48 0.00	38.38 -0.35 0.00	41.80 -0.04 0.00	44.22 0.57 0.00	55.04 1.60 0.00	60.51 2.27 0.00	63.51 1.67 0.00	68.88 1.35 0.00	95.47 -0.96 0.00	107.88 -3.45 0.00	123.97 -2.79 0.00	101.45 -0.82 0.00	78.06 1.83 0.00	62.61 2.87 0.00	57.96 1.47 0.00	46.29 0.77 0.00	42.19 1.54 0.00
MOHAWK_PAPER___DRP 24187	39.57 1.70 0.00	37.41 1.44 0.00	35.27 1.32 0.00	33.16 1.24 0.00	32.62 1.22 0.00	34.66 1.33 0.00	37.21 1.36 0.00	38.37 1.51 0.00	40.36 1.63 0.00	43.65 1.80 0.00	45.49 1.83 0.00	55.68 2.24 0.00	60.69 2.45 0.00	64.49 2.66 0.00	70.57 3.04 0.00	101.16 4.73 0.00	117.02 5.68 0.00	139.79 6.85 -6.19	150.32 5.32 -42.73	117.22 3.81 -37.17	99.61 2.75 -37.12	59.04 2.54 0.00	47.52 2.00 0.00	42.40 1.75 0.00
MOHICAN___35_KV_115KV_LD 80490	41.09 3.22 0.00	38.82 2.84 0.00	36.49 2.55 0.00	34.18 2.27 0.00	33.63 2.23 0.00	35.82 2.50 0.00	38.50 2.65 0.00	39.55 2.69 0.00	41.79 3.06 0.00	45.40 3.56 0.00	47.01 3.36 0.00	57.93 4.49 0.00	63.20 4.95 0.00	67.09 5.26 0.00	73.47 5.94 0.00	105.41 8.97 0.00	121.80 10.47 0.00	144.59 13.56 -4.27	175.53 11.35 -61.90	138.62 8.54 -53.85	120.50 6.99 -53.77	62.71 6.21 0.00	49.98 4.46 0.00	44.39 3.74 0.00
MONGAUP___HYD 23641	40.48 2.61 0.00	38.06 2.09 0.00	35.74 1.80 0.00	33.70 1.79 0.00	33.12 1.73 0.00	35.09 1.76 0.00	37.78 1.93 0.00	38.96 2.10 0.00	41.18 2.44 0.00	44.44 2.60 0.00	46.27 2.62 0.00	56.48 3.04 0.00	61.80 3.55 0.00	65.73 3.90 0.00	72.33 4.80 0.00	103.76 7.33 0.00	119.36 8.02 0.00	136.46 9.00 -0.70	114.38 6.96 -5.15	86.27 5.56 -4.48	67.98 3.77 -4.47	60.06 3.56 0.00	48.34 2.82 0.00	43.13 2.48 0.00
MONTAUK___DIESEL 23721	46.62 5.53 -3.22	44.79 4.42 -4.39	41.24 4.11 -3.19	38.10 3.93 -2.26	36.16 3.86 -0.90	39.53 4.23 -1.98	40.33 4.48 0.00	43.50 5.42 -1.23	46.03 6.39 -0.90	48.54 6.70 0.00	51.65 7.99 0.00	67.63 10.10 -4.09	73.06 11.36 -3.45	85.31 12.31 -11.17	96.30 14.18 -14.58	132.23 20.54 -15.25	159.08 23.38 -24.36	217.53 25.73 -65.04	177.72 20.45 -55.00	135.37 13.80 -45.33	84.01 9.74 -14.53	75.63 8.93 -10.21	51.58 6.05 0.00	45.53 4.88 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	39.91 2.04 0.00	36.98 1.01 0.00	34.35 0.41 0.00	31.95 0.03 0.00	31.43 0.03 0.00	33.29 -0.03 0.00	36.06 0.22 0.00	38.41 1.55 0.00	41.37 2.63 0.00	45.24 3.39 0.00	47.93 4.28 0.00	59.58 6.15 0.00	64.88 6.64 0.00	69.26 7.42 0.00	75.23 7.70 0.00	103.86 7.43 0.00	117.68 6.35 0.00	134.62 7.86 0.00	110.04 7.77 0.00	84.16 7.93 0.00	67.27 7.53 0.00	62.09 5.59 0.00	49.43 3.91 0.00	44.63 3.98 0.00

MORTIMER_115KV_TB3 55949	38.32 0.45 0.00	35.87 -0.11 0.00	33.51 -0.44 0.00	31.25 -0.67 0.00	30.80 -0.60 0.00	32.59 -0.73 0.00	35.06 -0.79 0.00	36.82 -0.04 0.00	39.35 0.62 0.00	42.81 0.96 0.00	45.09 1.44 0.00	55.95 2.51 0.00	60.69 2.45 0.00	64.56 2.72 0.00	70.23 2.70 0.00	98.56 2.12 0.00	112.34 1.00 0.00	128.79 2.03 0.00	104.62 2.35 0.00	79.44 3.20 0.00	63.27 3.52 0.00	58.92 2.43 0.00	47.07 1.55 0.00	42.52 1.87 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	41.01 3.14 0.00	38.28 2.30 0.00	36.09 2.14 0.00	34.02 2.11 0.00	33.44 2.04 0.00	35.56 2.23 0.00	38.25 2.40 0.00	39.81 2.95 0.00	42.14 3.41 0.00	45.40 3.56 0.00	47.23 3.58 0.00	57.66 4.22 0.00	63.20 4.95 0.00	66.78 4.95 0.00	73.61 6.08 0.00	105.99 9.55 0.00	122.58 11.25 0.00	139.59 11.92 -0.91	116.99 8.90 -5.82	87.09 5.79 -5.06	68.44 3.64 -5.05	60.22 3.73 0.00	48.57 3.05 0.00	43.62 2.97 0.00
MUNSVILLE_WIND_PWR 323609	41.93 4.01 -0.05	39.40 3.35 -0.08	36.93 2.95 -0.03	34.63 2.71 0.00	33.97 2.57 0.00	36.15 2.83 0.00	39.45 3.55 -0.05	40.84 3.98 0.00	42.88 4.15 0.00	46.24 4.27 -0.13	48.21 4.54 -0.02	60.27 6.36 -0.48	66.21 7.40 -0.57	69.66 7.60 -0.22	76.14 8.30 -0.30	109.95 11.76 -1.75	126.91 12.80 -2.78	145.38 15.33 -3.29	121.49 13.29 -5.93	90.70 10.82 -3.65	71.98 8.96 -3.28	64.79 8.08 -0.21	51.48 5.96 0.00	45.44 4.79 0.00
N SALMON___HYD 24042	37.00 -0.87 0.00	35.72 -0.25 0.00	33.81 -0.14 0.00	31.66 -0.26 0.00	31.14 -0.25 0.00	33.09 -0.23 0.00	35.49 -0.36 0.00	36.38 -0.48 0.00	37.84 -0.89 0.00	40.97 -0.88 0.00	42.60 -1.05 0.00	51.30 -2.14 0.00	55.38 -2.85 0.01	56.94 -3.09 1.80	63.48 -4.05 0.00	90.84 -5.60 0.00	105.43 -5.90 0.00	119.91 -6.85 0.00	96.65 -5.62 0.00	71.89 -4.34 0.00	56.94 -2.81 0.00	54.35 -2.15 0.00	44.43 -1.09 0.00	39.76 -0.89 0.00
N.AKRON___115KV_KNAPP 355671	38.55 0.68 0.00	35.83 -0.14 0.00	33.30 -0.64 0.00	30.96 -0.96 0.00	30.55 -0.85 0.00	32.22 -1.10 0.00	34.70 -1.15 0.00	36.67 -0.18 0.00	39.59 0.85 0.00	43.10 1.26 0.00	45.57 1.92 0.00	56.70 3.26 0.00	61.45 3.20 0.00	65.48 3.65 0.00	71.04 3.51 0.00	98.66 2.22 0.00	111.67 0.33 0.00	128.53 1.77 0.00	105.13 2.86 0.00	80.58 4.35 0.00	64.70 4.96 0.00	59.83 3.33 0.00	47.70 2.18 0.00	43.37 2.72 0.00
N.BELMOR_69_KV_BK1 55787	44.80 3.71 -3.22	43.28 2.91 -4.39	39.82 2.68 -3.19	36.79 2.62 -2.26	34.84 2.54 -0.90	38.07 2.77 -1.98	38.75 2.90 0.00	41.59 3.50 -1.23	43.66 4.03 -0.90	45.86 4.02 0.00	47.80 4.15 0.00	71.09 4.97 -12.68	80.21 5.82 -16.14	114.90 6.25 -46.82	130.34 7.50 -55.31	150.77 11.48 -42.86	183.22 13.47 -58.41	188.97 14.58 -47.63	184.43 11.15 -71.01	88.84 7.55 -5.06	71.61 5.02 -6.84	71.72 5.03 -10.20	49.16 3.64 0.00	43.90 3.25 0.00
N.E_GEN_SANDY PD 24062	40.03 2.16 0.00	37.74 1.76 0.00	35.54 1.60 0.00	34.43 1.56 -0.95	33.93 1.54 -1.00	34.92 1.60 0.00	37.68 1.83 0.00	38.85 1.99 0.00	40.86 2.13 0.00	42.94 2.26 1.16	47.09 2.27 -1.16	56.11 2.67 0.00	61.21 2.97 0.00	65.11 3.28 0.00	77.15 3.71 -5.91	96.41 5.88 5.91	118.57 7.23 0.00	137.75 7.99 -3.00	123.94 6.34 -15.33	94.54 4.34 -13.97	77.57 2.99 -14.84	59.51 2.94 -0.08	48.04 2.23 -0.29	40.96 1.91 1.60
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	40.29 2.42 0.00	37.70 1.73 0.00	35.58 1.63 0.00	33.58 1.66 0.00	33.03 1.63 0.00	35.06 1.73 0.00	37.68 1.83 0.00	39.14 2.29 0.00	41.37 2.63 0.00	44.69 2.85 0.00	46.62 2.97 0.00	56.91 3.47 0.00	62.38 4.14 0.00	66.23 4.39 0.00	72.87 5.33 0.00	104.64 8.20 0.00	121.13 9.80 0.00	137.97 10.39 -0.82	115.58 7.77 -5.54	86.16 5.11 -4.82	67.72 3.17 -4.81	59.66 3.16 0.00	47.98 2.46 0.00	42.97 2.32 0.00
N.QUEENS_27_KV_LOAD 356247	41.36 3.48 -0.01	38.61 2.63 -0.01	36.36 2.41 -0.01	34.32 2.39 -0.01	33.73 2.32 -0.01	35.86 2.53 0.00	38.25 2.40 0.00	39.70 2.84 0.00	42.10 3.37 0.00	45.32 3.47 0.00	47.06 3.40 0.00	57.33 3.90 0.01	63.42 5.18 0.01	66.90 5.07 0.01	73.80 6.28 0.01	106.36 9.93 0.01	122.69 11.36 0.01	139.70 12.04 -0.90	117.08 9.00 -5.81	87.23 5.95 -5.05	68.49 3.70 -5.04	60.27 3.79 0.01	48.66 3.14 0.00	44.03 3.37 -0.01
N.TROY___115KV_TB1 355778	39.88 2.01 0.00	37.70 1.73 0.00	35.54 1.60 0.00	33.42 1.50 0.00	32.87 1.48 0.00	34.92 1.60 0.00	37.50 1.65 0.00	38.66 1.81 0.00	40.63 1.90 0.00	43.94 2.09 0.00	45.79 2.14 0.00	56.06 2.62 0.00	61.16 2.91 0.00	64.99 3.15 0.00	71.11 3.58 0.00	101.94 5.50 0.00	118.02 6.68 0.00	141.61 7.99 -6.86	161.51 6.34 -52.90	126.82 4.57 -46.02	109.10 3.41 -45.95	59.66 3.16 0.00	47.89 2.37 0.00	42.68 2.03 0.00
NARROWS_GT1_1 24228	41.58 3.60 -0.11	38.71 2.73 -0.01	36.40 2.45 -0.01	34.32 2.39 -0.01	33.73 2.32 -0.01	35.80 2.47 -0.01	38.69 2.83 -0.01	40.03 3.17 0.00	42.42 3.68 0.00	45.65 3.81 0.00	47.41 3.75 0.00	74.32 4.43 -16.45	98.90 5.01 -35.65	74.02 5.13 -7.06	79.00 6.28 -5.18	111.67 10.03 -5.20	122.93 11.58 -0.02	144.57 12.17 -5.64	123.69 9.10 -12.32	98.02 5.87 -15.92	71.08 3.58 -7.75	70.89 3.90 -10.50	48.89 3.37 0.00	44.07 3.42 -0.01
NARROWS_GT1_2 24229	41.58 3.60 -0.11	38.71 2.73 -0.01	36.40 2.45 -0.01	34.32 2.39 -0.01	33.73 2.32 -0.01	35.80 2.47 -0.01	38.69 2.83 -0.01	40.03 3.17 0.00	42.42 3.68 0.00	45.65 3.81 0.00	47.41 3.75 0.00	74.32 4.43 -16.45	98.90 5.01 -35.65	74.02 5.13 -7.06	79.00 6.28 -5.18	111.67 10.03 -5.20	122.93 11.58 -0.02	144.57 12.17 -5.64	123.69 9.10 -12.32	98.02 5.87 -15.92	71.08 3.58 -7.75	70.89 3.90 -10.50	48.89 3.37 0.00	44.07 3.42 -0.01
NARROWS_GT1_3 24230	41.58 3.60 -0.11	38.71 2.73 -0.01	36.40 2.45 -0.01	34.32 2.39 -0.01	33.73 2.32 -0.01	35.80 2.47 -0.01	38.69 2.83 -0.01	40.03 3.17 0.00	42.42 3.68 0.00	45.65 3.81 0.00	47.41 3.75 0.00	74.32 4.43 -16.45	98.90 5.01 -35.65	74.02 5.13 -7.06	79.00 6.28 -5.18	111.67 10.03 -5.20	122.93 11.58 -0.02	144.57 12.17 -5.64	123.69 9.10 -12.32	98.02 5.87 -15.92	71.08 3.58 -7.75	70.89 3.90 -10.50	48.89 3.37 0.00	44.07 3.42 -0.01
NARROWS_GT1_4 24231	41.58 3.60 -0.11	38.71 2.73 -0.01	36.40 2.45 -0.01	34.32 2.39 -0.01	33.73 2.32 -0.01	35.80 2.47 -0.01	38.69 2.83 -0.01	40.03 3.17 0.00	42.42 3.68 0.00	45.65 3.81 0.00	47.41 3.75 0.00	74.32 4.43 -16.45	98.90 5.01 -35.65	74.02 5.13 -7.06	79.00 6.28 -5.18	111.67 10.03 -5.20	122.93 11.58 -0.02	144.57 12.17 -5.64	123.69 9.10 -12.32	98.02 5.87 -15.92	71.08 3.58 -7.75	70.89 3.90 -10.50	48.89 3.37 0.00	44.07 3.42 -0.01
NARROWS_GT1_5 24232	41.58 3.60 -0.11	38.71 2.73 -0.01	36.40 2.45 -0.01	34.32 2.39 -0.01	33.73 2.32 -0.01	35.80 2.47 -0.01	38.69 2.83 -0.01	40.03 3.17 0.00	42.42 3.68 0.00	45.65 3.81 0.00	47.41 3.75 0.00	74.32 4.43 -16.45	98.90 5.01 -35.65	74.02 5.13 -7.06	79.00 6.28 -5.18	111.67 10.03 -5.20	122.93 11.58 -0.02	144.57 12.17 -5.64	123.69 9.10 -12.32	98.02 5.87 -15.92	71.08 3.58 -7.75	70.89 3.90 -10.50	48.89 3.37 0.00	44.07 3.42 -0.01

NARROWS_GT1_6 24233	41.58 3.60 -0.11	38.71 2.73 -0.01	36.40 2.45 -0.01	34.32 2.39 -0.01	33.73 2.32 -0.01	35.80 2.47 -0.01	38.69 2.83 -0.01	40.03 3.17 0.00	42.42 3.68 0.00	45.65 3.81 0.00	47.41 3.75 0.00	74.32 4.43 -16.45	98.90 5.01 -35.65	74.02 5.13 -7.06	79.00 6.28 -5.18	111.67 10.03 -5.20	122.93 11.58 -0.02	144.57 12.17 -5.64	123.69 9.10 -12.32	98.02 5.87 -15.92	71.08 3.58 -7.75	70.89 3.90 -10.50	48.89 3.37 0.00	44.07 3.42 -0.01
NARROWS_GT1_7 24234	41.58 3.60 -0.11	38.71 2.73 -0.01	36.40 2.45 -0.01	34.32 2.39 -0.01	33.73 2.32 -0.01	35.80 2.47 -0.01	38.69 2.83 -0.01	40.03 3.17 0.00	42.42 3.68 0.00	45.65 3.81 0.00	47.41 3.75 0.00	74.32 4.43 -16.45	98.90 5.01 -35.65	74.02 5.13 -7.06	79.00 6.28 -5.18	111.67 10.03 -5.20	122.93 11.58 -0.02	144.57 12.17 -5.64	123.69 9.10 -12.32	98.02 5.87 -15.92	71.08 3.58 -7.75	70.89 3.90 -10.50	48.89 3.37 0.00	44.07 3.42 -0.01
NARROWS_GT1_8 24235	41.58 3.60 -0.11	38.71 2.73 -0.01	36.40 2.45 -0.01	34.32 2.39 -0.01	33.73 2.32 -0.01	35.80 2.47 -0.01	38.69 2.83 -0.01	40.03 3.17 0.00	42.42 3.68 0.00	45.65 3.81 0.00	47.41 3.75 0.00	74.32 4.43 -16.45	98.90 5.01 -35.65	74.02 5.13 -7.06	79.00 6.28 -5.18	111.67 10.03 -5.20	122.93 11.58 -0.02	144.57 12.17 -5.64	123.69 9.10 -12.32	98.02 5.87 -15.92	71.08 3.58 -7.75	70.89 3.90 -10.50	48.89 3.37 0.00	44.07 3.42 -0.01
NARROWS_GT2_1 24236	41.58 3.60 -0.11	38.71 2.73 -0.01	36.40 2.45 -0.01	34.32 2.39 -0.01	33.73 2.32 -0.01	35.80 2.47 -0.01	38.69 2.83 -0.01	40.03 3.17 0.00	42.42 3.68 0.00	45.65 3.81 0.00	47.41 3.75 0.00	74.32 4.43 -16.45	98.90 5.01 -35.65	74.02 5.13 -7.06	79.00 6.28 -5.18	111.67 10.03 -5.20	122.93 11.58 -0.02	144.57 12.17 -5.64	123.69 9.10 -12.32	98.02 5.87 -15.92	71.08 3.58 -7.75	70.89 3.90 -10.50	48.89 3.37 0.00	44.07 3.42 -0.01
NARROWS_GT2_2 24237	41.58 3.60 -0.11	38.71 2.73 -0.01	36.40 2.45 -0.01	34.32 2.39 -0.01	33.73 2.32 -0.01	35.80 2.47 -0.01	38.69 2.83 -0.01	40.03 3.17 0.00	42.42 3.68 0.00	45.65 3.81 0.00	47.41 3.75 0.00	74.32 4.43 -16.45	98.90 5.01 -35.65	74.02 5.13 -7.06	79.00 6.28 -5.18	111.67 10.03 -5.20	122.93 11.58 -0.02	144.57 12.17 -5.64	123.69 9.10 -12.32	98.02 5.87 -15.92	71.08 3.58 -7.75	70.89 3.90 -10.50	48.89 3.37 0.00	44.07 3.42 -0.01
NARROWS_GT2_3 24238	41.58 3.60 -0.11	38.71 2.73 -0.01	36.40 2.45 -0.01	34.32 2.39 -0.01	33.73 2.32 -0.01	35.80 2.47 -0.01	38.69 2.83 -0.01	40.03 3.17 0.00	42.42 3.68 0.00	45.65 3.81 0.00	47.41 3.75 0.00	74.32 4.43 -16.45	98.90 5.01 -35.65	74.02 5.13 -7.06	79.00 6.28 -5.18	111.67 10.03 -5.20	122.93 11.58 -0.02	144.57 12.17 -5.64	123.69 9.10 -12.32	98.02 5.87 -15.92	71.08 3.58 -7.75	70.89 3.90 -10.50	48.89 3.37 0.00	44.07 3.42 -0.01
NARROWS_GT2_4 24239	41.58 3.60 -0.11	38.71 2.73 -0.01	36.40 2.45 -0.01	34.32 2.39 -0.01	33.73 2.32 -0.01	35.80 2.47 -0.01	38.69 2.83 -0.01	40.03 3.17 0.00	42.42 3.68 0.00	45.65 3.81 0.00	47.41 3.75 0.00	74.32 4.43 -16.45	98.90 5.01 -35.65	74.02 5.13 -7.06	79.00 6.28 -5.18	111.67 10.03 -5.20	122.93 11.58 -0.02	144.57 12.17 -5.64	123.69 9.10 -12.32	98.02 5.87 -15.92	71.08 3.58 -7.75	70.89 3.90 -10.50	48.89 3.37 0.00	44.07 3.42 -0.01
NARROWS_GT2_5 24240	41.58 3.60 -0.11	38.71 2.73 -0.01	36.40 2.45 -0.01	34.32 2.39 -0.01	33.73 2.32 -0.01	35.80 2.47 -0.01	38.69 2.83 -0.01	40.03 3.17 0.00	42.42 3.68 0.00	45.65 3.81 0.00	47.41 3.75 0.00	74.32 4.43 -16.45	98.90 5.01 -35.65	74.02 5.13 -7.06	79.00 6.28 -5.18	111.67 10.03 -5.20	122.93 11.58 -0.02	144.57 12.17 -5.64	123.69 9.10 -12.32	98.02 5.87 -15.92	71.08 3.58 -7.75	70.89 3.90 -10.50	48.89 3.37 0.00	44.07 3.42 -0.01
NARROWS_GT2_6 24241	41.58 3.60 -0.11	38.71 2.73 -0.01	36.40 2.45 -0.01	34.32 2.39 -0.01	33.73 2.32 -0.01	35.80 2.47 -0.01	38.69 2.83 -0.01	40.03 3.17 0.00	42.42 3.68 0.00	45.65 3.81 0.00	47.41 3.75 0.00	74.32 4.43 -16.45	98.90 5.01 -35.65	74.02 5.13 -7.06	79.00 6.28 -5.18	111.67 10.03 -5.20	122.93 11.58 -0.02	144.57 12.17 -5.64	123.69 9.10 -12.32	98.02 5.87 -15.92	71.08 3.58 -7.75	70.89 3.90 -10.50	48.89 3.37 0.00	44.07 3.42 -0.01
NARROWS_GT2_7 24242	41.58 3.60 -0.11	38.71 2.73 -0.01	36.40 2.45 -0.01	34.32 2.39 -0.01	33.73 2.32 -0.01	35.80 2.47 -0.01	38.69 2.83 -0.01	40.03 3.17 0.00	42.42 3.68 0.00	45.65 3.81 0.00	47.41 3.75 0.00	74.32 4.43 -16.45	98.90 5.01 -35.65	74.02 5.13 -7.06	79.00 6.28 -5.18	111.67 10.03 -5.20	122.93 11.58 -0.02	144.57 12.17 -5.64	123.69 9.10 -12.32	98.02 5.87 -15.92	71.08 3.58 -7.75	70.89 3.90 -10.50	48.89 3.37 0.00	44.07 3.42 -0.01
NARROWS_GT2_8 24243	41.58 3.60 -0.11	38.71 2.73 -0.01	36.40 2.45 -0.01	34.32 2.39 -0.01	33.73 2.32 -0.01	35.80 2.47 -0.01	38.69 2.83 -0.01	40.03 3.17 0.00	42.42 3.68 0.00	45.65 3.81 0.00	47.41 3.75 0.00	74.32 4.43 -16.45	98.90 5.01 -35.65	74.02 5.13 -7.06	79.00 6.28 -5.18	111.67 10.03 -5.20	122.93 11.58 -0.02	144.57 12.17 -5.64	123.69 9.10 -12.32	98.02 5.87 -15.92	71.08 3.58 -7.75	70.89 3.90 -10.50	48.89 3.37 0.00	44.07 3.42 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	40.22 2.35 0.00	38.13 2.16 0.00	35.88 1.93 0.00	33.70 1.79 0.00	33.12 1.73 0.00	35.19 1.87 0.00	37.50 1.65 0.00	38.48 1.62 0.00	40.44 1.70 0.00	43.69 1.84 0.00	45.53 1.88 0.00	55.63 2.19 0.00	59.99 1.75 0.00	63.94 2.10 0.00	70.10 2.57 0.00	100.49 4.05 0.00	114.53 5.46 2.26	121.71 7.35 12.40	122.06 4.81 -14.98	100.25 3.81 -20.21	82.79 2.87 -20.18	59.43 2.94 0.00	48.34 2.82 0.00	43.21 2.56 0.00
NCHELSEA_115KV_TR2 355582	40.75 2.88 0.00	38.24 2.27 0.00	36.02 2.07 0.00	33.96 2.04 0.00	33.41 2.01 0.00	35.42 2.10 0.00	38.04 2.19 0.00	39.48 2.62 0.00	41.75 3.02 0.00	45.19 3.35 0.00	47.14 3.49 0.00	57.50 4.06 0.00	63.08 4.83 0.00	66.97 5.13 0.00	73.68 6.15 0.00	105.99 9.55 0.00	122.58 11.25 0.00	139.63 12.17 -0.70	117.51 9.20 -6.03	87.73 6.25 -5.25	69.11 4.12 -5.24	60.45 3.95 0.00	48.61 3.10 0.00	43.45 2.80 0.00
NEG CAPITAL___MECHNVIL 23645	40.86 2.99 0.00	38.60 2.62 0.00	36.29 2.34 0.00	34.06 2.14 0.00	33.50 2.10 0.00	35.62 2.30 0.00	38.40 2.55 0.00	39.40 2.54 0.00	41.56 2.83 0.00	45.07 3.22 0.00	46.88 3.23 0.00	57.61 4.17 0.00	62.79 4.55 0.00	66.84 5.01 0.00	73.20 5.67 0.00	105.02 8.58 0.00	121.36 10.02 0.00	144.61 12.55 -5.30	170.96 10.03 -58.66	134.74 7.48 -51.03	116.49 5.79 -50.95	61.75 5.25 0.00	49.39 3.87 0.00	43.90 3.25 0.00
NEG CENTRAL_HIGH_ACRES 23767	37.79 -0.08 0.00	35.44 -0.54 0.00	33.10 -0.85 0.00	30.89 -1.02 0.00	30.45 -0.94 0.00	32.42 -0.90 0.00	35.13 -0.72 0.00	36.42 -0.44 0.00	38.81 0.08 0.00	42.18 0.33 0.00	44.39 0.74 0.00	55.04 1.60 0.00	60.16 1.92 0.00	63.63 1.79 0.00	69.22 1.69 0.00	97.50 1.06 0.00	111.34 0.00 0.00	127.52 0.77 0.00	103.50 1.23 0.00	78.29 2.06 0.00	62.14 2.39 0.00	57.96 1.47 0.00	46.38 0.86 0.00	41.70 1.06 0.00

NEG CENTRAL___DRP 24199	38.44 0.49 -0.08	36.38 0.29 -0.12	33.99 0.00 -0.04	31.79 -0.13 0.00	31.30 -0.09 0.00	33.26 -0.07 0.00	35.99 0.07 -0.07	37.37 0.52 0.00	39.51 0.77 0.00	43.09 1.05 -0.20	44.99 1.31 -0.02	56.33 2.14 -0.75	61.35 2.21 -0.90	64.65 2.47 -0.34	70.64 2.63 -0.48	101.81 2.60 -2.77	118.17 2.45 -4.39	135.25 3.30 -5.19	108.85 3.17 -3.41	80.16 3.35 -0.57	62.79 3.05 0.00	59.15 2.32 -0.34	47.02 1.50 0.00	42.07 1.42 0.00
NEG CENTRAL___INDECK 23768	38.78 0.91 0.00	36.19 0.22 0.00	33.67 -0.27 0.00	31.40 -0.51 0.00	30.96 -0.44 0.00	33.05 -0.27 0.00	35.85 0.00 0.00	36.97 0.11 0.00	39.12 0.39 0.00	42.39 0.54 0.00	44.53 0.87 0.00	55.15 1.71 0.00	58.19 -0.06 0.00	61.47 -0.37 0.00	67.06 -0.47 0.00	93.26 -3.18 0.00	106.67 -4.67 0.00	122.83 -3.93 0.00	101.15 -1.12 0.00	77.61 1.37 0.00	62.49 2.75 0.00	58.07 1.58 0.00	48.07 2.55 0.00	43.21 2.56 0.00
NEG CENTRAL___SENECA 23627	38.63 0.72 -0.04	36.54 0.50 -0.06	34.11 0.14 -0.02	31.88 -0.03 0.00	31.40 0.00 0.00	33.36 0.03 0.00	36.07 0.18 -0.04	37.56 0.70 0.00	39.78 1.05 0.00	43.33 1.38 -0.11	45.37 1.70 -0.01	56.62 2.78 -0.40	61.57 2.85 -0.47	65.23 3.22 -0.18	71.23 3.44 -0.25	101.18 3.28 -1.47	116.67 3.01 -2.32	133.56 4.06 -2.75	108.07 3.99 -1.81	80.88 4.35 -0.30	63.75 4.00 0.00	59.72 3.05 -0.18	47.57 2.05 0.00	42.60 1.95 0.00
NEG CENTRAL___STATE_STREET 24147	38.50 0.53 -0.10	36.42 0.29 -0.16	34.11 0.10 -0.06	31.92 0.00 0.00	31.40 0.00 0.00	33.36 0.03 0.00	36.13 0.18 -0.10	37.52 0.66 0.00	39.55 0.81 0.00	43.16 1.05 -0.27	44.86 1.18 -0.03	56.31 1.87 -1.00	61.42 1.98 -1.20	64.52 2.23 -0.46	70.60 2.43 -0.64	103.03 2.89 -3.69	120.09 2.89 -5.86	137.24 3.55 -6.93	109.99 3.17 -4.55	79.90 2.90 -0.76	62.25 2.51 0.00	58.98 2.03 -0.45	46.84 1.32 0.00	41.79 1.14 0.00
NEG MILLWOOD___DRP 24198	41.05 3.18 0.00	38.46 2.48 0.00	36.15 2.21 0.00	34.12 2.20 0.00	33.53 2.13 0.00	35.59 2.27 0.00	38.40 2.55 0.00	39.88 3.02 0.00	42.26 3.52 0.00	45.70 3.85 0.00	47.58 3.93 0.00	58.20 4.76 0.00	63.89 5.65 0.00	67.89 6.06 0.00	74.82 7.29 0.00	107.53 11.09 0.00	124.47 13.14 0.00	141.91 14.32 -0.83	119.12 10.84 -6.01	88.86 7.39 -5.23	69.81 4.84 -5.22	61.13 4.63 0.00	49.12 3.60 0.00	43.86 3.21 0.00
NEG NORTH_FLCN_SEA 23793	37.57 -0.30 0.00	36.15 0.18 0.00	34.15 0.20 0.00	31.98 0.06 0.00	31.49 0.09 0.00	33.49 0.17 0.00	36.14 0.29 0.00	36.82 -0.04 0.00	38.62 -0.12 0.00	41.68 -0.17 0.00	43.39 -0.26 0.00	50.98 -2.46 0.00	54.51 -3.73 0.01	55.89 -4.02 1.93	62.47 -5.06 0.00	89.40 -7.04 0.00	103.88 -7.46 0.00	118.01 -8.75 0.00	95.11 -7.16 0.00	70.74 -5.49 0.00	55.92 -3.82 0.00	54.07 -2.43 0.00	45.47 -0.05 0.00	40.41 -0.24 0.00
NEG NORTH_KES_CHATEGAY 23792	37.07 -0.80 0.00	35.69 -0.29 0.00	33.71 -0.24 0.00	31.60 -0.32 0.00	31.11 -0.28 0.00	33.06 -0.27 0.00	35.67 -0.18 0.00	36.27 -0.59 0.00	37.96 -0.77 0.00	40.97 -0.88 0.00	42.65 -1.00 0.00	51.19 -2.24 0.00	55.27 -2.97 0.01	56.72 -3.22 1.89	63.55 -3.98 0.00	90.94 -5.50 0.00	105.44 -5.90 0.00	120.04 -6.72 0.00	96.75 -5.52 0.00	72.04 -4.19 0.00	56.88 -2.87 0.00	54.40 -2.09 0.00	44.75 -0.77 0.00	39.80 -0.85 0.00
NEG NORTH___ALICE_FALLS 23915	37.57 -0.30 0.00	36.15 0.18 0.00	34.15 0.20 0.00	31.95 0.03 0.00	31.46 0.06 0.00	33.49 0.17 0.00	36.14 0.29 0.00	36.82 -0.04 0.00	38.58 -0.15 0.00	41.64 -0.21 0.00	43.30 -0.35 0.00	51.36 -2.08 0.00	55.15 -3.09 0.01	56.51 -3.40 1.92	63.14 -4.39 0.00	90.27 -6.17 0.00	104.99 -6.35 0.00	119.28 -7.48 0.00	96.13 -6.14 0.00	71.51 -4.73 0.00	56.64 -3.11 0.00	54.63 -1.86 0.00	45.52 0.00 0.00	40.45 -0.20 0.00
NEG NORTH___LWR_SARANAC 23913	37.57 -0.30 0.00	36.15 0.18 0.00	34.15 0.20 0.00	31.95 0.03 0.00	31.46 0.06 0.00	33.49 0.17 0.00	36.14 0.29 0.00	36.82 -0.04 0.00	38.58 -0.15 0.00	41.64 -0.21 0.00	43.30 -0.35 0.00	51.36 -2.08 0.00	55.15 -3.09 0.01	56.51 -3.40 1.92	63.14 -4.39 0.00	90.27 -6.17 0.00	104.99 -6.35 0.00	119.28 -7.48 0.00	96.13 -6.14 0.00	71.51 -4.73 0.00	56.64 -3.11 0.00	54.63 -1.86 0.00	45.52 0.00 0.00	40.45 -0.20 0.00
NEG NORTH___PLATTSBURG 23628	37.45 -0.42 0.00	36.08 0.11 0.00	34.15 0.20 0.00	31.95 0.03 0.00	31.46 0.06 0.00	33.49 0.17 0.00	35.92 0.07 0.00	36.82 -0.04 0.00	38.46 -0.27 0.00	41.64 -0.21 0.00	43.30 -0.35 0.00	51.35 -2.08 0.00	55.09 -3.15 0.01	56.51 -3.40 1.92	63.14 -4.39 0.00	90.26 -6.17 0.00	105.00 -6.34 0.00	119.28 -7.48 0.00	96.14 -6.13 0.00	71.51 -4.73 0.00	56.63 -3.11 0.00	54.23 -2.26 0.00	44.93 -0.59 0.00	40.49 -0.16 0.00
NEG WEST_LEA_LOCKPORT 23791	37.64 -0.23 0.00	34.97 -1.01 0.00	32.49 -1.46 0.00	30.23 -1.69 0.00	29.76 -1.63 0.00	31.36 -1.97 0.00	33.81 -2.04 0.00	35.61 -1.25 0.00	38.58 -0.15 0.00	42.01 0.17 0.00	44.44 0.79 0.00	55.31 1.87 0.00	59.99 1.75 0.00	63.81 1.98 0.00	69.22 1.69 0.00	95.86 -0.58 0.00	108.44 -2.89 0.00	124.60 -2.15 0.00	101.96 -0.31 0.00	78.37 2.13 0.00	62.91 3.17 0.00	58.19 1.69 0.00	46.47 0.96 0.00	42.36 1.71 0.00
NEG WEST___LANCASTR 23811	38.17 0.30 0.00	35.40 -0.58 0.00	32.96 -0.98 0.00	30.70 -1.21 0.00	30.20 -1.19 0.00	31.99 -1.33 0.00	34.59 -1.25 0.00	36.67 -0.18 0.00	39.51 0.77 0.00	43.10 1.26 0.00	45.49 1.83 0.00	56.70 3.26 0.00	61.68 3.44 0.00	65.73 3.90 0.00	71.52 3.98 0.00	99.04 2.60 0.00	112.23 0.89 0.00	128.53 1.77 0.00	104.93 2.66 0.00	80.27 4.04 0.00	64.05 4.30 0.00	59.26 2.77 0.00	47.29 1.78 0.00	42.80 2.15 0.00
NEG_PENN_ALLEGHNY 23528	38.86 0.95 -0.05	36.55 0.50 -0.07	34.28 0.30 -0.03	32.14 0.22 0.00	31.62 0.22 0.00	33.62 0.30 0.00	36.50 0.61 -0.04	37.78 0.92 0.00	39.94 1.20 0.00	43.39 1.42 -0.12	45.33 1.66 -0.02	56.35 2.46 -0.45	61.70 2.91 -0.54	64.95 2.91 -0.21	71.06 3.24 -0.29	101.87 3.76 -1.67	117.78 3.79 -2.65	134.33 4.43 -3.14	110.76 3.98 -4.50	82.36 3.66 -2.47	64.97 3.10 -2.12	59.30 2.60 -0.20	47.39 1.87 0.00	42.32 1.67 0.00
NEG___GEN_MONROE 24207	38.74 0.87 0.00	36.23 0.25 0.00	33.74 -0.20 0.00	31.44 -0.48 0.00	31.02 -0.38 0.00	32.79 -0.53 0.00	35.24 -0.61 0.00	37.01 0.15 0.00	39.51 0.77 0.00	42.85 1.00 0.00	45.14 1.48 0.00	55.90 2.46 0.00	60.57 2.33 0.00	64.49 2.66 0.00	70.16 2.63 0.00	98.37 1.93 0.00	112.01 0.67 0.00	128.66 1.90 0.00	104.73 2.45 0.00	79.74 3.51 0.00	63.57 3.82 0.00	59.09 2.60 0.00	47.20 1.68 0.00	42.72 2.07 0.00
NEPA___ENERGY 23901	38.78 0.91 0.00	35.97 0.00 0.00	33.51 -0.44 0.00	31.21 -0.70 0.00	30.71 -0.69 0.00	32.52 -0.80 0.00	35.20 -0.65 0.00	37.37 0.52 0.00	40.21 1.47 0.00	43.86 2.01 0.00	46.40 2.75 0.00	57.77 4.33 0.00	62.90 4.66 0.00	66.97 5.13 0.00	72.87 5.33 0.00	100.88 4.44 0.00	114.34 3.01 0.00	130.94 4.18 0.00	106.57 4.30 0.00	81.65 5.41 0.00	65.12 5.38 0.00	60.28 3.79 0.00	48.11 2.59 0.00	43.41 2.76 0.00

NEVERSINK___HYD 23608	39.72 1.86 0.00	37.38 1.40 0.00	35.10 1.15 0.00	33.10 1.18 0.00	32.56 1.16 0.00	34.46 1.13 0.00	37.14 1.29 0.00	38.41 1.55 0.00	40.67 1.94 0.00	43.94 2.09 0.00	45.79 2.14 0.00	55.95 2.51 0.00	61.39 3.14 0.00	65.30 3.46 0.00	71.86 4.33 0.00	103.29 6.85 0.00	119.50 8.35 0.20	135.36 9.00 0.40	114.49 6.75 -5.47	86.19 4.57 -5.38	67.92 2.81 -5.37	59.26 2.77 0.00	47.57 2.05 0.00	42.40 1.75 0.00
NEWKRMKL_115KV_TB1 55635	39.12 1.25 0.00	36.98 1.01 0.00	34.90 0.95 0.00	32.81 0.89 0.00	32.27 0.88 0.00	34.29 0.97 0.00	36.78 0.93 0.00	37.93 1.07 0.00	39.90 1.16 0.00	43.14 1.30 0.00	44.96 1.31 0.00	55.10 1.66 0.00	59.88 1.63 0.00	63.69 1.86 0.00	69.69 2.16 0.00	99.91 3.47 0.00	115.46 4.12 0.00	128.50 4.94 3.20	145.41 3.68 -39.46	113.15 2.59 -34.32	95.81 1.79 -34.27	58.19 1.69 0.00	46.93 1.41 0.00	41.91 1.26 0.00
NEWTON___FALLS_HYD 23847	37.27 -0.64 -0.04	35.61 -0.43 -0.06	33.56 -0.41 -0.02	31.47 -0.45 0.00	30.89 -0.50 0.00	32.76 -0.57 0.00	35.39 -0.50 -0.04	36.16 -0.70 0.00	37.69 -1.05 0.00	40.57 -1.38 -0.11	42.09 -1.57 -0.01	51.86 -1.98 -0.40	56.45 -2.27 -0.47	58.53 -2.47 0.83	64.81 -2.97 -0.26	93.87 -4.05 -1.48	109.23 -4.45 -2.34	124.71 -4.82 -2.77	100.51 -3.58 -1.82	74.10 -2.44 -0.31	58.19 -1.55 0.00	55.32 -1.36 -0.18	44.47 -1.05 0.00	39.43 -1.22 0.00
NGRID_A1_DSASP 323792	37.11 -0.76 0.00	34.39 -1.58 0.00	31.98 -1.97 0.00	29.75 -2.17 0.00	29.29 -2.10 0.00	31.22 -2.10 0.00	33.95 -1.90 0.00	34.87 -1.99 0.00	37.84 -0.89 0.00	41.26 -0.59 0.00	43.61 -0.04 0.00	54.29 0.85 0.00	59.70 1.46 0.00	62.52 0.68 0.00	67.87 0.34 0.00	93.93 -2.51 0.00	106.22 -5.12 0.00	121.94 -4.82 0.00	99.82 -2.46 0.00	77.00 0.76 0.00	61.71 1.97 0.00	57.18 0.68 0.00	45.70 0.18 0.00	41.70 1.06 0.00
NGRID_A2_DSASP 323793	37.11 -0.76 0.00	34.39 -1.58 0.00	31.98 -1.97 0.00	29.75 -2.17 0.00	29.29 -2.10 0.00	31.22 -2.10 0.00	33.95 -1.90 0.00	34.87 -1.99 0.00	37.84 -0.89 0.00	41.26 -0.59 0.00	43.61 -0.04 0.00	54.29 0.85 0.00	59.70 1.46 0.00	62.52 0.68 0.00	67.87 0.34 0.00	93.93 -2.51 0.00	106.22 -5.12 0.00	121.94 -4.82 0.00	99.82 -2.46 0.00	77.00 0.76 0.00	61.71 1.97 0.00	57.18 0.68 0.00	45.70 0.18 0.00	41.70 1.06 0.00
NGRID_A4_DSASP 323807	37.11 -0.76 0.00	34.39 -1.58 0.00	31.98 -1.97 0.00	29.75 -2.17 0.00	29.29 -2.10 0.00	31.22 -2.10 0.00	33.95 -1.90 0.00	34.87 -1.99 0.00	37.84 -0.89 0.00	41.26 -0.59 0.00	43.61 -0.04 0.00	54.29 0.85 0.00	59.70 1.46 0.00	62.52 0.68 0.00	67.87 0.34 0.00	93.93 -2.51 0.00	106.22 -5.12 0.00	121.94 -4.82 0.00	99.82 -2.46 0.00	77.00 0.76 0.00	61.71 1.97 0.00	57.18 0.68 0.00	45.70 0.18 0.00	41.70 1.06 0.00
NIAGARA_115E_LBMP 323715	37.42 -0.45 0.00	34.64 -1.33 0.00	32.22 -1.73 0.00	29.97 -1.95 0.00	29.54 -1.85 0.00	31.46 -1.87 0.00	34.20 -1.65 0.00	35.20 -1.66 0.00	38.19 -0.54 0.00	41.60 -0.25 0.00	44.00 0.35 0.00	54.78 1.34 0.00	60.23 1.98 0.00	63.14 1.30 0.00	68.55 1.01 0.00	94.89 -1.55 0.00	107.33 -4.00 0.00	123.34 -3.42 0.00	100.94 -1.33 0.00	77.68 1.44 0.00	62.31 2.57 0.00	57.68 1.19 0.00	46.07 0.55 0.00	42.03 1.38 0.00
NIAGARA_115W_LBMP 323714	37.00 -0.87 0.00	34.28 -1.69 0.00	31.91 -2.04 0.00	29.65 -2.27 0.00	29.20 -2.20 0.00	31.12 -2.20 0.00	33.84 -2.01 0.00	34.76 -2.10 0.00	37.73 -1.01 0.00	41.13 -0.71 0.00	43.48 -0.17 0.00	54.13 0.69 0.00	59.52 1.28 0.00	62.33 0.49 0.00	67.67 0.14 0.00	93.64 -2.80 0.00	105.88 -5.45 0.00	121.69 -5.07 0.00	99.51 -2.76 0.00	76.77 0.54 0.00	61.53 1.79 0.00	57.00 0.51 0.00	45.56 0.05 0.00	41.59 0.94 0.00
NIAGARA_230_LBMP 323716	37.49 -0.38 0.00	34.79 -1.19 0.00	32.35 -1.59 0.00	30.10 -1.82 0.00	29.64 -1.76 0.00	31.59 -1.73 0.00	34.35 -1.50 0.00	35.31 -1.55 0.00	38.27 -0.46 0.00	41.68 -0.17 0.00	44.04 0.39 0.00	54.88 1.44 0.00	60.34 2.09 0.00	63.19 1.36 0.00	68.68 1.15 0.00	95.18 -1.26 0.00	107.67 -3.67 0.00	123.72 -3.04 0.00	101.15 -1.12 0.00	77.84 1.60 0.00	62.37 2.63 0.00	57.80 1.30 0.00	46.16 0.64 0.00	42.11 1.46 0.00
NIAGARA___115KV_198_GIBSON 55903	36.88 -0.98 0.00	34.28 -1.69 0.00	31.91 -2.04 0.00	29.65 -2.27 0.00	29.20 -2.20 0.00	30.76 -2.57 0.00	33.16 -2.69 0.00	34.76 -2.10 0.00	37.73 -1.01 0.00	41.09 -0.75 0.00	43.43 -0.22 0.00	54.13 0.69 0.00	58.71 0.47 0.00	62.33 0.49 0.00	67.67 0.14 0.00	93.64 -2.80 0.00	105.88 -5.46 0.00	121.69 -5.07 0.00	99.51 -2.76 0.00	76.77 0.53 0.00	61.54 1.79 0.00	57.00 0.51 0.00	45.47 -0.05 0.00	41.54 0.89 0.00
NIAGARA____ 23760	37.49 -0.38 0.00	34.79 -1.19 0.00	32.35 -1.59 0.00	30.10 -1.82 0.00	29.64 -1.76 0.00	31.59 -1.73 0.00	34.35 -1.50 0.00	35.31 -1.55 0.00	38.27 -0.46 0.00	41.68 -0.17 0.00	44.04 0.39 0.00	54.88 1.44 0.00	60.34 2.09 0.00	63.19 1.36 0.00	68.68 1.15 0.00	95.18 -1.26 0.00	107.67 -3.67 0.00	123.72 -3.04 0.00	101.15 -1.12 0.00	77.84 1.60 0.00	62.37 2.63 0.00	57.80 1.30 0.00	46.16 0.64 0.00	42.11 1.46 0.00
NINE_MILE_1 23575	36.29 -0.87 0.71	33.89 -1.01 1.08	32.50 -1.05 0.40	30.93 -0.99 0.00	30.42 -0.97 0.00	32.29 -1.03 0.00	34.19 -1.00 0.65	35.97 -0.88 0.00	37.88 -0.85 0.00	39.18 -0.88 1.79	42.60 -0.83 0.22	45.82 -0.86 6.76	49.36 -0.82 8.07	57.83 -0.93 3.08	62.15 -1.08 4.30	69.70 -1.84 24.91	69.52 -2.34 39.47	77.52 -2.53 46.70	69.63 -1.95 30.70	69.94 -1.14 5.15	59.03 -0.71 0.00	52.56 -0.91 3.03	44.70 -0.82 0.00	39.96 -0.69 0.00
NINE_MILE_2 23744	36.28 -0.87 0.72	33.87 -1.01 1.10	32.49 -1.05 0.40	30.93 -0.99 0.00	30.42 -0.97 0.00	32.29 -1.03 0.00	34.18 -1.00 0.66	35.97 -0.88 0.00	37.88 -0.85 0.00	39.15 -0.88 1.81	42.59 -0.83 0.23	45.72 -0.86 6.87	49.24 -0.82 8.19	57.78 -0.93 3.13	62.08 -1.08 4.36	69.32 -1.84 25.28	68.93 -2.34 40.07	76.82 -2.53 47.41	69.16 -1.95 31.16	69.86 -1.14 5.23	59.03 -0.71 0.00	52.52 -0.91 3.07	44.70 -0.82 0.00	39.96 -0.69 0.00
NM_CAPITAL___DRP 24208	39.19 1.33 0.00	37.02 1.04 0.00	34.97 1.02 0.00	32.87 0.96 0.00	32.31 0.91 0.00	34.32 1.00 0.00	36.85 1.00 0.00	38.00 1.14 0.00	39.93 1.20 0.00	43.19 1.34 0.00	45.01 1.35 0.00	55.15 1.71 0.00	59.99 1.75 0.00	63.75 1.92 0.00	69.76 2.23 0.00	100.01 3.57 0.00	115.57 4.23 0.00	132.56 5.07 -0.73	145.23 3.99 -38.97	112.88 2.74 -33.90	95.45 1.85 -33.85	58.30 1.81 0.00	46.98 1.46 0.00	41.95 1.30 0.00
NM_CENTRAL___DRP 24181	37.94 0.00 -0.07	35.86 -0.22 -0.10	33.65 -0.34 -0.04	31.57 -0.35 0.00	31.05 -0.35 0.00	32.96 -0.37 0.00	35.59 -0.32 -0.06	36.90 0.04 0.00	38.85 0.12 0.00	42.27 0.25 -0.17	44.07 0.39 -0.02	54.84 0.75 -0.65	59.89 0.87 -0.78	63.12 0.99 -0.30	69.03 1.08 -0.41	99.90 1.06 -2.40	116.14 1.00 -3.80	132.39 1.14 -4.49	106.25 1.02 -2.95	77.87 1.14 -0.50	60.82 1.08 0.00	57.52 0.73 -0.29	45.93 0.41 0.00	41.02 0.37 0.00

NM_FRONTIER___DRP 24179	36.88 -0.98 0.00	34.28 -1.69 0.00	31.91 -2.04 0.00	29.65 -2.27 0.00	29.20 -2.20 0.00	30.76 -2.57 0.00	33.16 -2.69 0.00	34.76 -2.10 0.00	37.73 -1.01 0.00	41.09 -0.75 0.00	43.43 -0.22 0.00	54.13 0.69 0.00	58.71 0.47 0.00	62.33 0.49 0.00	67.67 0.14 0.00	93.64 -2.80 0.00	105.88 -5.46 0.00	121.69 -5.07 0.00	99.51 -2.76 0.00	76.77 0.53 0.00	61.54 1.79 0.00	57.00 0.51 0.00	45.47 -0.05 0.00	41.54 0.89 0.00
NM_ST_REGIS___HYD 24053	36.64 -1.25 -0.02	35.32 -0.68 -0.03	33.35 -0.61 -0.01	31.25 -0.67 0.00	30.67 -0.72 0.00	32.52 -0.80 0.00	35.08 -0.79 -0.02	35.61 -1.25 0.00	36.99 -1.74 0.00	39.72 -2.18 -0.05	41.26 -2.40 -0.01	50.15 -3.47 -0.18	54.38 -4.08 -0.21	55.88 -4.45 1.51	62.31 -5.33 -0.12	89.79 -7.33 -0.68	104.40 -8.02 -1.08	118.78 -9.25 -1.27	95.64 -7.47 -0.84	70.73 -5.64 -0.14	55.80 -3.94 0.00	53.36 -3.22 -0.08	43.38 -2.14 0.00	38.50 -2.15 0.00
NORTHPORT___1 23551	44.42 3.33 -3.22	43.14 2.77 -4.39	39.68 2.55 -3.19	36.73 2.55 -2.26	34.81 2.51 -0.90	37.90 2.60 -1.98	38.86 3.01 0.00	41.44 3.35 -1.23	43.39 3.76 -0.90	45.20 3.35 0.00	46.79 3.32 0.17	58.21 3.79 -0.98	65.07 4.60 -2.23	75.75 5.19 -8.72	85.52 6.35 -11.64	117.92 9.64 -11.84	137.91 11.13 -15.44	166.48 12.17 -27.55	143.31 9.61 -31.43	87.64 6.56 -4.84	70.25 4.30 -6.20	69.95 4.12 -9.34	47.99 2.68 0.21	42.55 1.95 0.05
NORTHPORT___2 23552	44.42 3.33 -3.22	43.14 2.77 -4.39	39.68 2.55 -3.19	36.73 2.55 -2.26	34.81 2.51 -0.90	37.90 2.60 -1.98	38.86 3.01 0.00	41.44 3.35 -1.23	43.39 3.76 -0.90	45.20 3.35 0.00	41.11 3.32 5.86	40.88 3.79 16.35	40.88 4.60 21.96	40.93 5.19 26.10	41.01 6.35 32.87	40.93 9.64 65.15	40.93 11.13 81.54	40.97 12.17 97.96	41.01 9.61 70.87	42.39 6.56 40.40	41.75 4.30 22.30	41.54 4.12 19.08	41.12 2.68 7.08	40.94 1.95 1.66
NORTHPORT___3 23553	43.88 2.80 -3.21	42.56 2.19 -4.39	39.14 2.00 -3.19	36.16 1.98 -2.26	34.25 1.95 -0.90	37.34 2.03 -1.98	38.25 2.40 0.00	40.88 2.80 -1.23	42.77 3.14 -0.90	44.81 2.97 0.01	40.93 3.14 5.87	41.55 3.85 15.74	41.24 4.49 21.49	42.04 4.95 24.74	42.36 6.14 31.31	41.80 9.46 64.10	42.29 11.13 80.18	41.41 11.91 97.26	41.65 8.89 69.51	41.70 5.87 40.40	41.14 3.71 22.31	41.14 3.73 19.08	40.93 2.50 7.09	40.93 1.95 1.67
NORTHPORT___4 23650	43.88 2.80 -3.21	42.56 2.19 -4.39	39.14 2.00 -3.19	36.16 1.98 -2.26	34.25 1.95 -0.90	37.34 2.03 -1.98	38.25 2.40 0.00	40.88 2.80 -1.23	42.77 3.14 -0.90	44.81 2.97 0.01	40.93 3.14 5.87	41.55 3.85 15.74	41.24 4.49 21.49	42.04 4.95 24.74	42.36 6.14 31.31	41.80 9.46 64.10	42.29 11.13 80.18	41.41 11.91 97.26	41.65 8.89 69.51	41.70 5.87 40.40	41.14 3.71 22.31	41.14 3.73 19.08	40.93 2.50 7.09	40.93 1.95 1.67
NORTHPORT___IC 23718	44.38 3.29 -3.22	43.03 2.66 -4.39	39.68 2.55 -3.19	36.73 2.55 -2.26	34.81 2.51 -0.90	37.97 2.67 -1.98	38.65 2.80 0.00	41.44 3.35 -1.23	43.31 3.68 -0.90	45.15 3.31 0.00	41.11 3.32 5.86	40.88 3.79 16.35	40.88 4.60 21.96	40.93 5.19 26.10	41.01 6.35 32.87	40.93 9.64 65.15	40.93 11.13 81.54	40.97 12.17 97.96	41.01 9.61 70.87	42.39 6.56 40.40	41.74 4.30 22.30	41.54 4.12 19.08	41.03 2.59 7.08	41.06 2.07 1.66
NORTH___COUNTRY_ESR 323785	36.85 -1.02 0.00	35.51 -0.47 0.00	33.61 -0.34 0.00	31.54 -0.38 0.00	31.02 -0.38 0.00	32.96 -0.37 0.00	35.31 -0.54 0.00	36.16 -0.70 0.00	37.77 -0.97 0.00	40.89 -0.96 0.00	42.56 -1.09 0.00	51.09 -2.35 0.00	55.15 -3.09 0.01	56.66 -3.28 1.89	63.48 -4.05 0.00	90.84 -5.60 0.00	105.32 -6.01 0.00	119.79 -6.97 0.00	96.55 -5.73 0.00	71.81 -4.42 0.00	56.63 -3.11 0.00	54.01 -2.48 0.00	44.24 -1.27 0.00	39.67 -0.98 0.00
NPX_GEN_1385_PROXY 323591	44.04 2.96 -3.22	42.60 2.23 -4.39	39.31 2.17 -3.19	36.60 2.42 -2.26	34.90 2.60 -0.90	37.67 2.37 -1.98	38.61 2.76 0.00	40.92 2.84 -1.23	42.85 3.21 -0.90	43.74 3.05 1.16	46.79 3.18 0.05	54.57 3.31 2.18	61.36 5.30 2.18	70.02 5.81 -2.37	83.73 6.75 -9.44	97.51 9.17 8.10	118.79 9.68 2.23	143.35 11.91 -4.68	126.07 11.35 -12.45	93.20 8.99 -7.98	82.94 6.21 -16.98	66.50 5.77 -4.24	46.89 2.55 1.17	40.37 1.67 1.94
NPX_GEN_CSC 323557	44.72 3.64 -3.22	43.17 2.81 -4.39	39.65 2.51 -3.19	36.67 2.49 -2.26	34.72 2.42 -0.90	37.87 2.57 -1.98	38.82 2.97 0.00	41.44 3.35 -1.23	43.54 3.91 -0.90	44.41 3.72 1.16	49.28 4.45 -1.17	62.89 5.40 -4.06	68.15 6.46 -3.44	80.14 7.17 -11.14	96.43 8.44 -20.46	118.20 12.45 -9.32	148.23 14.03 -22.87	196.33 15.71 -53.86	169.53 12.68 -54.58	130.43 8.61 -45.58	81.52 6.03 -15.75	72.60 5.82 -10.28	49.64 3.82 -0.29	41.65 2.60 1.60
NSINS_S_GLNS_FALLS 23858	41.05 3.18 0.00	38.82 2.84 0.00	36.46 2.51 0.00	34.15 2.23 0.00	33.59 2.20 0.00	35.79 2.47 0.00	38.47 2.62 0.00	39.51 2.65 0.00	41.79 3.06 0.00	45.36 3.52 0.00	46.97 3.32 0.00	57.87 4.44 0.00	63.14 4.89 0.00	67.03 5.19 0.00	73.41 5.88 0.00	105.41 8.97 0.00	121.69 10.35 0.00	144.49 13.56 -4.17	175.85 11.35 -62.23	138.91 8.54 -54.13	120.85 7.05 -54.05	62.71 6.21 0.00	49.93 4.42 0.00	44.39 3.74 0.00
NUCOR_STEEL___DRP 24197	38.51 0.53 -0.11	36.43 0.29 -0.17	34.11 0.10 -0.06	31.92 0.00 0.00	31.43 0.03 0.00	33.36 0.03 0.00	36.10 0.14 -0.10	37.45 0.59 0.00	39.47 0.74 0.00	43.05 0.92 -0.28	44.78 1.09 -0.04	56.22 1.71 -1.07	61.33 1.81 -1.28	64.36 2.04 -0.49	70.44 2.23 -0.68	103.00 2.60 -3.95	120.27 2.67 -6.27	137.47 3.30 -7.41	110.11 2.97 -4.87	79.72 2.67 -0.82	62.13 2.39 0.00	58.90 1.92 -0.48	46.79 1.27 0.00	41.83 1.18 0.00
NUMBER_THREE_WT_PWR 323818	38.41 0.49 -0.05	36.45 0.40 -0.08	34.31 0.34 -0.03	32.24 0.32 0.00	31.65 0.25 0.00	33.59 0.27 0.00	36.33 0.43 -0.05	37.34 0.48 0.00	39.04 0.31 0.00	42.18 0.21 -0.13	43.84 0.18 -0.02	54.29 0.38 -0.48	59.22 0.41 -0.57	62.03 0.37 0.17	68.17 0.34 -0.30	98.78 0.58 -1.76	114.68 0.56 -2.78	131.19 1.14 -3.30	105.76 1.33 -2.17	78.04 1.44 -0.36	61.24 1.49 0.00	58.01 1.30 -0.21	46.34 0.82 0.00	41.10 0.45 0.00
NYISO_LBMP_REFERENCE 24008	37.87 0.00 0.00	35.97 0.00 0.00	33.95 0.00 0.00	31.92 0.00 0.00	31.40 0.00 0.00	33.32 0.00 0.00	35.85 0.00 0.00	36.86 0.00 0.00	38.73 0.00 0.00	41.85 0.00 0.00	43.65 0.00 0.00	53.44 0.00 0.00	58.24 0.00 0.00	61.83 0.00 0.00	67.53 0.00 0.00	96.44 0.00 0.00	111.34 0.00 0.00	126.76 0.00 0.00	102.27 0.00 0.00	76.23 0.00 0.00	59.74 0.00 0.00	56.50 0.00 0.00	45.52 0.00 0.00	40.65 0.00 0.00
NYPA_BRENTWD____GT 24164	45.22 4.13 -3.22	43.71 3.35 -4.39	40.16 3.02 -3.19	37.14 2.97 -2.26	35.22 2.92 -0.90	38.37 3.06 -1.98	39.36 3.52 0.00	41.99 3.91 -1.23	44.05 4.41 -0.90	46.07 4.22 0.00	48.14 4.45 -0.03	72.78 5.08 -14.26	67.98 5.71 -4.02	80.91 6.31 -12.76	91.63 7.70 -16.40	124.49 11.57 -16.49	149.05 13.35 -24.36	176.41 14.70 -34.95	154.80 11.45 -41.08	97.69 7.93 -13.53	73.52 5.32 -8.46	71.83 5.14 -10.20	49.42 3.87 -0.03	43.70 3.05 0.00

NYPA_GOWANUS____GT5 24156	41.58 3.60 -0.11	38.71 2.73 -0.01	36.40 2.45 -0.01	34.32 2.39 -0.01	33.73 2.32 -0.01	35.80 2.47 -0.01	38.69 2.83 -0.01	40.03 3.17 0.00	42.37 3.64 0.00	45.65 3.81 0.00	47.41 3.75 0.00	74.27 4.38 -16.45	98.90 5.01 -35.65	73.97 5.07 -7.06	78.92 6.21 -5.18	111.58 9.94 -5.20	122.93 11.58 -0.02	144.57 12.17 -5.64	123.69 9.10 -12.32	98.02 5.87 -15.92	71.08 3.58 -7.75	70.89 3.90 -10.50	48.89 3.37 0.00	44.03 3.37 -0.01
NYPA_GOWANUS____GT6 24157	41.58 3.60 -0.11	38.71 2.73 -0.01	36.40 2.45 -0.01	34.32 2.39 -0.01	33.73 2.32 -0.01	35.80 2.47 -0.01	38.69 2.83 -0.01	40.03 3.17 0.00	42.37 3.64 0.00	45.65 3.81 0.00	47.41 3.75 0.00	74.27 4.38 -16.45	98.90 5.01 -35.65	73.97 5.07 -7.06	78.92 6.21 -5.18	111.58 9.94 -5.20	122.93 11.58 -0.02	144.57 12.17 -5.64	123.69 9.10 -12.32	98.02 5.87 -15.92	71.08 3.58 -7.75	70.89 3.90 -10.50	48.89 3.37 0.00	44.03 3.37 -0.01
NYPA_HARLEM__RVR__GT1 24160	41.32 3.45 -0.01	38.64 2.66 -0.01	36.30 2.34 -0.01	34.25 2.33 -0.01	33.63 2.23 -0.01	35.62 2.30 0.00	38.32 2.47 0.00	39.62 2.77 0.01	42.06 3.33 0.01	45.27 3.43 0.01	46.92 3.28 0.01	57.12 3.68 0.01	62.90 4.66 0.01	66.59 4.76 0.01	73.47 5.94 0.01	105.98 9.55 0.01	122.25 10.92 0.01	139.07 11.41 -0.90	116.67 8.59 -5.81	86.85 5.56 -5.05	68.19 3.40 -5.04	60.11 3.62 0.01	48.57 3.05 0.00	43.87 3.21 -0.01
NYPA_HARLEM__RVR__GT2 24161	41.32 3.45 -0.01	38.64 2.66 -0.01	36.30 2.34 -0.01	34.25 2.33 -0.01	33.63 2.23 -0.01	35.62 2.30 0.00	38.32 2.47 0.00	39.62 2.77 0.01	42.06 3.33 0.01	45.27 3.43 0.01	46.92 3.28 0.01	57.12 3.68 0.01	62.90 4.66 0.01	66.59 4.76 0.01	73.47 5.94 0.01	105.98 9.55 0.01	122.25 10.92 0.01	139.07 11.41 -0.90	116.67 8.59 -5.81	86.85 5.56 -5.05	68.19 3.40 -5.04	60.11 3.62 0.01	48.57 3.05 0.00	43.87 3.21 -0.01
NYPA_KENT____GT 24152	41.46 3.52 -0.07	38.64 2.66 0.00	36.29 2.34 0.00	34.22 2.30 0.00	33.63 2.23 0.00	35.69 2.37 0.00	38.58 2.72 0.00	39.96 3.10 0.00	42.34 3.60 0.00	45.57 3.72 0.00	47.32 3.67 0.00	67.07 4.22 -9.41	82.74 4.78 -19.72	69.66 4.88 -2.95	75.55 6.01 -2.01	108.11 9.64 -2.03	122.58 11.24 -0.01	141.29 11.79 -2.74	119.40 8.80 -8.33	91.14 5.64 -9.27	66.49 3.46 -3.28	64.29 3.73 -4.07	48.75 3.23 0.00	43.91 3.25 0.00
NYPA_POUCHI____GT 24155	41.46 3.48 -0.11	38.64 2.66 -0.01	36.30 2.34 -0.01	34.25 2.33 -0.01	33.67 2.26 -0.01	35.73 2.40 -0.01	38.62 2.76 -0.01	39.92 3.06 0.00	42.22 3.49 0.00	45.49 3.64 0.00	47.23 3.58 0.00	74.11 4.22 -16.45	98.67 4.78 -35.65	73.78 4.88 -7.06	78.79 6.08 -5.18	111.38 9.74 -5.20	122.71 11.36 -0.02	144.31 11.91 -5.64	123.48 8.89 -12.32	97.87 5.72 -15.92	70.90 3.40 -7.75	70.72 3.73 -10.50	48.75 3.23 0.00	43.91 3.25 -0.01
NYPA_VERNON____GT2 24162	41.30 3.41 -0.02	38.53 2.55 0.00	36.22 2.27 0.00	34.15 2.23 0.00	33.56 2.16 0.00	35.62 2.30 0.00	38.50 2.65 0.00	39.88 3.02 0.00	42.34 3.60 0.00	45.53 3.68 0.00	47.23 3.58 0.00	59.93 4.12 -2.38	66.65 4.60 -3.80	65.43 4.76 1.17	72.24 5.87 1.16	104.64 9.35 1.15	122.25 10.92 0.00	138.13 11.53 0.16	115.21 8.59 -4.35	84.34 5.49 -2.61	61.90 3.34 1.19	57.75 3.62 2.37	48.62 3.10 0.00	43.82 3.17 0.00
NYPA_VERNON____GT3 24163	41.30 3.41 -0.02	38.53 2.55 0.00	36.22 2.27 0.00	34.15 2.23 0.00	33.56 2.16 0.00	35.62 2.30 0.00	38.50 2.65 0.00	39.88 3.02 0.00	42.34 3.60 0.00	45.53 3.68 0.00	47.23 3.58 0.00	59.93 4.12 -2.38	66.65 4.60 -3.80	65.43 4.76 1.17	72.24 5.87 1.16	104.64 9.35 1.15	122.25 10.92 0.00	138.13 11.53 0.16	115.21 8.59 -4.35	84.34 5.49 -2.61	61.90 3.34 1.19	57.75 3.62 2.37	48.62 3.10 0.00	43.82 3.17 0.00
NYPA__ASTORIA_CC1 323568	41.25 3.37 -0.01	38.49 2.52 0.00	36.19 2.24 0.00	34.12 2.20 0.00	33.53 2.14 0.00	35.56 2.23 0.00	38.43 2.58 0.00	39.81 2.95 0.00	42.26 3.52 0.00	45.45 3.60 0.00	47.10 3.45 0.00	57.33 3.90 0.01	60.79 4.49 1.94	63.30 4.58 3.11	70.48 5.67 2.72	102.90 9.17 2.70	121.91 10.58 0.01	136.33 11.16 1.58	112.94 8.28 -2.39	80.84 5.26 0.65	58.65 3.16 4.26	54.36 3.39 5.52	48.52 3.00 0.00	43.78 3.13 0.00
NYPA__ASTORIA_CC2 323569	41.25 3.37 -0.01	38.49 2.52 0.00	36.19 2.24 0.00	34.12 2.20 0.00	33.53 2.14 0.00	35.56 2.23 0.00	38.43 2.58 0.00	39.81 2.95 0.00	42.26 3.52 0.00	45.45 3.60 0.00	47.10 3.45 0.00	57.33 3.90 0.01	60.79 4.49 1.94	63.30 4.58 3.11	70.48 5.67 2.72	102.90 9.17 2.70	121.91 10.58 0.01	136.33 11.16 1.58	112.94 8.28 -2.39	80.84 5.26 0.65	58.65 3.16 4.26	54.36 3.39 5.52	48.52 3.00 0.00	43.78 3.13 0.00
NYPA__HOLTSVILL 23794	44.76 3.67 -3.22	43.28 2.91 -4.39	39.79 2.65 -3.19	36.79 2.62 -2.26	34.87 2.57 -0.90	38.00 2.70 -1.98	38.97 3.12 0.00	41.59 3.50 -1.23	43.59 3.95 -0.90	45.57 3.72 0.00	47.59 3.93 0.00	62.18 4.81 -3.92	67.29 5.65 -3.40	79.09 6.24 -11.01	89.37 7.43 -14.41	122.85 11.28 -15.13	148.22 12.91 -23.97	203.82 14.19 -62.87	167.77 11.05 -54.45	128.38 7.62 -44.52	79.31 5.20 -14.38	71.79 5.09 -10.21	48.94 3.42 0.00	43.25 2.60 0.00
NYPA____HELLGATE_GT1 24158	41.32 3.45 -0.01	38.64 2.66 -0.01	36.30 2.34 -0.01	34.25 2.33 -0.01	33.63 2.23 -0.01	35.62 2.30 0.00	38.32 2.47 0.00	39.62 2.77 0.01	42.06 3.33 0.01	45.27 3.43 0.01	46.92 3.28 0.01	57.12 3.68 0.01	62.90 4.66 0.01	66.59 4.76 0.01	73.47 5.94 0.01	105.98 9.55 0.01	122.25 10.92 0.01	139.07 11.41 -0.90	116.67 8.59 -5.81	86.85 5.56 -5.05	68.19 3.40 -5.04	60.11 3.62 0.01	48.57 3.05 0.00	43.87 3.21 -0.01
NYPA____HELLGATE_GT2 24159	41.32 3.45 -0.01	38.64 2.66 -0.01	36.30 2.34 -0.01	34.25 2.33 -0.01	33.63 2.23 -0.01	35.62 2.30 0.00	38.32 2.47 0.00	39.62 2.77 0.01	42.06 3.33 0.01	45.27 3.43 0.01	46.92 3.28 0.01	57.12 3.68 0.01	62.90 4.66 0.01	66.59 4.76 0.01	73.47 5.94 0.01	105.98 9.55 0.01	122.25 10.92 0.01	139.07 11.41 -0.90	116.67 8.59 -5.81	86.85 5.56 -5.05	68.19 3.40 -5.04	60.11 3.62 0.01	48.57 3.05 0.00	43.87 3.21 -0.01
NYS_BARGE__HYD 23848	37.91 0.04 0.00	35.11 -0.86 0.00	32.62 -1.32 0.00	30.32 -1.59 0.00	29.89 -1.51 0.00	31.86 -1.47 0.00	34.67 -1.18 0.00	35.75 -1.10 0.00	38.77 0.04 0.00	42.22 0.38 0.00	44.66 1.00 0.00	55.58 2.14 0.00	61.10 2.85 0.00	64.12 2.29 0.00	69.56 2.02 0.00	96.34 -0.10 0.00	108.99 -2.34 0.00	125.24 -1.52 0.00	102.48 0.20 0.00	78.83 2.59 0.00	63.21 3.46 0.00	58.47 1.98 0.00	46.75 1.23 0.00	42.56 1.91 0.00
OAK_ORCHARD__HYD 24046	38.40 0.53 0.00	35.90 -0.07 0.00	33.50 -0.44 0.00	31.24 -0.67 0.00	30.80 -0.60 0.00	32.79 -0.53 0.00	35.53 -0.32 0.00	36.82 -0.04 0.00	39.39 0.66 0.00	42.81 0.96 0.00	45.09 1.44 0.00	55.95 2.51 0.00	61.16 2.91 0.00	64.55 2.72 0.00	70.16 2.63 0.00	98.56 2.12 0.00	112.34 1.00 0.00	128.78 2.02 0.00	104.62 2.35 0.00	79.43 3.20 0.00	63.27 3.52 0.00	58.92 2.43 0.00	47.11 1.59 0.00	42.52 1.87 0.00

OAKDALE___35_KV_LOAD 356122	38.63 0.72 -0.05	36.37 0.32 -0.07	34.14 0.17 -0.03	32.01 0.10 0.00	31.49 0.09 0.00	33.42 0.10 0.00	36.11 0.22 -0.04	37.60 0.74 0.00	39.66 0.93 0.00	43.14 1.17 -0.12	45.06 1.40 -0.01	55.97 2.08 -0.44	61.10 2.33 -0.53	64.51 2.47 -0.20	70.58 2.77 -0.28	101.15 3.09 -1.63	116.92 3.01 -2.58	133.49 3.68 -3.05	110.09 3.27 -4.55	81.91 3.13 -2.55	64.64 2.69 -2.21	58.90 2.20 -0.20	47.07 1.55 0.00	42.07 1.42 0.00
OCC_CHEM___DRP 24175	37.00 -0.87 0.00	34.39 -1.58 0.00	31.98 -1.97 0.00	29.75 -2.17 0.00	29.29 -2.10 0.00	30.82 -2.50 0.00	33.23 -2.62 0.00	34.87 -1.99 0.00	37.84 -0.89 0.00	41.22 -0.63 0.00	43.57 -0.09 0.00	54.29 0.86 0.00	58.88 0.64 0.00	62.52 0.68 0.00	67.87 0.34 0.00	93.93 -2.51 0.00	106.22 -5.12 0.00	121.94 -4.82 0.00	99.82 -2.45 0.00	77.00 0.76 0.00	61.72 1.97 0.00	57.17 0.68 0.00	45.61 0.09 0.00	41.67 1.02 0.00
OH_GEN_PROXY 24063	37.53 -0.34 0.00	34.79 -1.19 0.00	32.39 -1.56 0.00	30.13 -1.79 0.00	29.64 -1.76 0.00	31.59 -1.73 0.00	34.38 -1.47 0.00	35.38 -1.48 0.00	38.35 -0.39 0.00	40.60 -0.08 1.16	45.30 0.48 -1.16	54.99 1.55 0.00	60.40 2.16 0.00	63.32 1.48 0.00	74.72 1.28 -5.91	89.47 -1.06 5.91	108.00 -3.34 0.00	123.97 -2.79 0.00	101.01 -0.92 0.34	78.40 1.83 -0.34	63.73 2.75 -1.23	57.99 1.41 -0.08	46.54 0.73 -0.29	40.51 1.46 1.60
OLIN_CORP_DRP 24177	37.38 -0.49 0.00	34.71 -1.26 0.00	32.28 -1.66 0.00	30.00 -1.92 0.00	29.61 -1.79 0.00	31.12 -2.20 0.00	33.56 -2.29 0.00	35.24 -1.62 0.00	38.23 -0.50 0.00	41.64 -0.21 0.00	44.00 0.35 0.00	54.88 1.44 0.00	59.53 1.28 0.00	63.26 1.42 0.00	68.68 1.15 0.00	95.09 -1.35 0.00	107.55 -3.79 0.00	123.59 -3.17 0.00	101.04 -1.23 0.00	77.83 1.60 0.00	62.37 2.63 0.00	57.79 1.30 0.00	46.11 0.59 0.00	42.07 1.42 0.00
OLIN_CORP_DSASP 323712	37.11 -0.76 0.00	34.39 -1.58 0.00	31.98 -1.97 0.00	29.75 -2.17 0.00	29.29 -2.10 0.00	31.22 -2.10 0.00	33.95 -1.90 0.00	34.87 -1.99 0.00	37.84 -0.89 0.00	41.26 -0.59 0.00	43.61 -0.04 0.00	54.29 0.85 0.00	59.70 1.46 0.00	62.52 0.68 0.00	67.87 0.34 0.00	93.93 -2.51 0.00	106.22 -5.12 0.00	121.94 -4.82 0.00	99.82 -2.46 0.00	77.00 0.76 0.00	61.71 1.97 0.00	57.18 0.68 0.00	45.70 0.18 0.00	41.70 1.06 0.00
ONEIDA_HERK_LFGE 323681	38.95 1.06 -0.03	36.88 0.86 -0.04	34.71 0.75 -0.02	32.62 0.70 0.00	32.06 0.66 0.00	34.02 0.70 0.00	36.77 0.90 -0.03	37.89 1.03 0.00	39.78 1.05 0.00	42.96 1.05 -0.07	44.79 1.13 -0.01	55.30 1.60 -0.26	60.36 1.81 -0.31	63.69 1.85 0.00	69.72 2.02 -0.17	100.29 2.89 -0.96	115.97 3.11 -1.52	132.49 3.93 -1.80	106.82 3.37 -1.18	79.25 2.82 -0.20	62.14 2.39 0.00	58.76 2.15 -0.12	47.07 1.55 0.00	41.75 1.10 0.00
ONEIDA___115KV_TB4 55905	39.38 1.48 -0.04	37.22 1.19 -0.06	34.99 1.02 -0.02	32.87 0.96 0.00	32.31 0.91 0.00	34.29 0.97 0.00	37.03 1.15 -0.03	38.33 1.47 0.00	40.32 1.59 0.00	43.62 1.67 -0.09	45.50 1.83 -0.01	56.36 2.57 -0.36	61.53 2.85 -0.43	65.09 3.09 -0.16	71.07 3.31 -0.23	102.39 4.63 -1.32	118.55 5.12 -2.09	135.31 6.08 -2.47	109.01 5.11 -1.62	80.70 4.19 -0.27	63.21 3.47 0.00	59.71 3.05 -0.16	47.70 2.18 0.00	42.40 1.75 0.00
ONONDAGA_REF_OCCRA 23987	38.06 0.11 -0.08	35.99 -0.11 -0.12	33.76 -0.24 -0.05	31.66 -0.26 0.00	31.14 -0.25 0.00	33.06 -0.27 0.00	35.71 -0.22 -0.08	37.04 0.18 0.00	38.97 0.23 0.00	42.43 0.38 -0.21	44.20 0.52 -0.03	55.13 0.91 -0.78	60.22 1.05 -0.93	63.37 1.17 -0.36	69.38 1.35 -0.50	100.76 1.45 -2.88	117.34 1.45 -4.56	133.93 1.77 -5.39	107.35 1.53 -3.55	78.35 1.52 -0.60	61.12 1.37 0.00	57.86 1.02 -0.35	46.11 0.59 0.00	41.18 0.53 0.00
ONONDAGA___COGEN 23986	37.96 -0.04 -0.13	35.95 -0.22 -0.19	33.68 -0.34 -0.07	31.57 -0.35 0.00	31.05 -0.35 0.00	32.96 -0.37 0.00	35.64 -0.32 -0.12	36.90 0.04 0.00	38.85 0.12 0.00	42.41 0.25 -0.32	44.04 0.35 -0.04	55.33 0.69 -1.20	60.43 0.76 -1.43	63.25 0.87 -0.55	69.31 1.01 -0.76	101.81 0.96 -4.41	119.22 0.89 -6.99	136.17 1.14 -8.27	108.73 1.02 -5.43	78.29 1.14 -0.91	60.76 1.02 0.00	57.77 0.73 -0.54	45.93 0.41 0.00	41.02 0.37 0.00
ONTARIO___LFGE 23819	38.71 0.80 -0.04	36.54 0.50 -0.06	34.11 0.14 -0.02	31.88 -0.03 0.00	31.40 0.00 0.00	33.49 0.17 0.00	36.43 0.54 -0.04	37.56 0.70 0.00	39.82 1.08 0.00	43.33 1.38 -0.11	45.41 1.75 -0.01	56.61 2.78 -0.40	61.92 3.20 -0.47	65.23 3.21 -0.18	71.23 3.44 -0.25	101.19 3.28 -1.47	116.67 3.01 -2.32	133.56 4.06 -2.75	108.06 3.98 -1.81	80.88 4.34 -0.30	63.75 4.00 0.00	59.72 3.05 -0.18	47.61 2.10 0.00	42.60 1.95 0.00
ORANGEVILLE_WT_PWR 323706	38.51 0.64 0.00	35.76 -0.21 0.00	33.30 -0.65 0.00	31.02 -0.89 0.00	30.55 -0.85 0.00	32.59 -0.73 0.00	35.49 -0.36 0.00	36.75 -0.11 0.00	39.55 0.81 0.00	43.06 1.21 0.00	45.49 1.83 0.00	56.54 3.10 0.00	62.03 3.78 0.00	65.30 3.46 0.00	71.04 3.51 0.00	98.75 2.31 0.00	112.22 0.89 0.00	128.53 1.77 0.00	104.93 2.65 0.00	80.35 4.11 0.00	64.05 4.30 0.00	59.43 2.94 0.00	47.57 2.05 0.00	42.97 2.32 0.00
ORANGEVILLE___ESR 323794	38.51 0.64 0.00	35.76 -0.21 0.00	33.30 -0.65 0.00	31.02 -0.89 0.00	30.55 -0.85 0.00	32.59 -0.73 0.00	35.49 -0.36 0.00	36.75 -0.11 0.00	39.55 0.81 0.00	43.06 1.21 0.00	45.49 1.83 0.00	56.54 3.10 0.00	62.03 3.78 0.00	65.30 3.46 0.00	71.04 3.51 0.00	98.75 2.31 0.00	112.22 0.89 0.00	128.53 1.77 0.00	104.93 2.65 0.00	80.35 4.11 0.00	64.05 4.30 0.00	59.43 2.94 0.00	47.57 2.05 0.00	42.97 2.32 0.00
OSWEGATCHIE___HYD 24044	37.08 -0.83 -0.04	35.57 -0.47 -0.06	33.56 -0.41 -0.02	31.47 -0.45 0.00	30.89 -0.50 0.00	32.76 -0.57 0.00	35.28 -0.61 -0.04	36.16 -0.70 0.00	37.49 -1.24 0.00	40.53 -1.42 -0.11	42.10 -1.57 -0.01	51.86 -1.98 -0.40	56.45 -2.27 -0.47	58.52 -2.48 0.83	64.82 -2.97 -0.26	93.87 -4.05 -1.48	109.22 -4.46 -2.34	124.71 -4.82 -2.77	100.51 -3.58 -1.82	74.10 -2.44 -0.31	58.19 -1.55 0.00	55.26 -1.41 -0.18	44.43 -1.09 0.00	39.47 -1.18 0.00
OSWEGO___5 23606	37.83 -0.57 -0.53	36.06 -0.72 -0.80	33.46 -0.78 -0.30	31.15 -0.77 0.00	30.68 -0.72 0.00	32.56 -0.77 0.00	35.62 -0.72 -0.49	36.27 -0.59 0.00	38.23 -0.50 0.00	42.63 -0.55 -1.33	43.34 -0.48 -0.17	58.10 -0.37 -5.04	63.96 -0.29 -6.01	63.76 -0.37 -2.29	70.26 -0.47 -3.20	114.02 -0.96 -18.55	139.28 -1.45 -29.39	160.15 -1.39 -34.78	124.11 -1.02 -22.86	79.62 -0.45 -3.84	59.57 -0.18 0.00	58.36 -0.39 -2.25	45.11 -0.41 0.00	40.32 -0.33 0.00
OSWEGO___6 23613	37.83 -0.57 -0.53	36.06 -0.72 -0.80	33.46 -0.78 -0.30	31.15 -0.77 0.00	30.68 -0.72 0.00	32.56 -0.77 0.00	35.62 -0.72 -0.49	36.27 -0.59 0.00	38.23 -0.50 0.00	42.63 -0.55 -1.33	43.34 -0.48 -0.17	58.10 -0.37 -5.04	63.96 -0.29 -6.01	63.76 -0.37 -2.29	70.26 -0.47 -3.20	114.02 -0.96 -18.55	139.28 -1.45 -29.39	160.15 -1.39 -34.78	124.11 -1.02 -22.86	79.62 -0.45 -3.84	59.57 -0.18 0.00	58.36 -0.39 -2.25	45.11 -0.41 0.00	40.32 -0.33 0.00

OUTOKUMPU-AB___DRP 24206	38.17 0.30 0.00	35.43 -0.54 0.00	32.93 -1.02 0.00	30.64 -1.28 0.00	30.17 -1.22 0.00	31.79 -1.53 0.00	34.31 -1.54 0.00	36.16 -0.70 0.00	39.20 0.46 0.00	42.73 0.88 0.00	45.18 1.53 0.00	56.11 2.67 0.00	60.92 2.68 0.00	64.86 3.03 0.00	70.23 2.70 0.00	97.21 0.77 0.00	110.00 -1.34 0.00	126.25 -0.51 0.00	103.29 1.02 0.00	79.51 3.28 0.00	63.63 3.88 0.00	58.87 2.37 0.00	47.16 1.64 0.00	42.93 2.28 0.00
OXBOW___BTM 323836	37.76 -0.11 0.00	34.97 -1.01 0.00	32.49 -1.46 0.00	30.22 -1.69 0.00	29.76 -1.63 0.00	31.72 -1.60 0.00	34.49 -1.36 0.00	35.53 -1.33 0.00	38.58 -0.15 0.00	42.06 0.21 0.00	44.48 0.83 0.00	55.31 1.87 0.00	60.80 2.56 0.00	63.81 1.98 0.00	68.88 1.35 0.00	95.38 -1.06 0.00	107.88 -3.45 0.00	123.85 -2.91 0.00	101.35 -0.92 0.00	78.37 2.13 0.00	62.79 3.05 0.00	58.07 1.58 0.00	46.52 1.00 0.00	42.36 1.71 0.00
OXBOW___ 24026	37.64 -0.23 0.00	34.97 -1.01 0.00	32.49 -1.46 0.00	30.23 -1.69 0.00	29.76 -1.63 0.00	31.36 -1.97 0.00	33.81 -2.04 0.00	35.53 -1.33 0.00	38.58 -0.15 0.00	42.06 0.21 0.00	44.44 0.79 0.00	55.31 1.87 0.00	59.99 1.75 0.00	63.81 1.98 0.00	68.95 1.42 0.00	95.38 -1.06 0.00	107.89 -3.45 0.00	123.84 -2.92 0.00	101.35 -0.92 0.00	78.37 2.13 0.00	62.79 3.05 0.00	58.08 1.58 0.00	46.43 0.91 0.00	42.36 1.71 0.00
OXY_CHEM_DSASP 323612	37.00 -0.87 0.00	34.39 -1.58 0.00	31.98 -1.97 0.00	29.75 -2.17 0.00	29.29 -2.10 0.00	30.82 -2.50 0.00	33.23 -2.62 0.00	34.87 -1.99 0.00	37.84 -0.89 0.00	41.22 -0.63 0.00	43.57 -0.09 0.00	54.29 0.86 0.00	58.88 0.64 0.00	62.52 0.68 0.00	67.87 0.34 0.00	93.93 -2.51 0.00	106.22 -5.12 0.00	121.94 -4.82 0.00	99.82 -2.45 0.00	77.00 0.76 0.00	61.72 1.97 0.00	57.17 0.68 0.00	45.61 0.09 0.00	41.67 1.02 0.00
OZONE_PARK_ESR 323760	41.50 3.64 0.00	38.67 2.70 0.00	36.42 2.48 0.00	34.34 2.43 0.00	33.75 2.35 0.00	35.89 2.57 0.00	38.61 2.76 0.00	40.25 3.39 0.00	42.65 3.91 0.00	45.99 4.14 0.00	47.80 4.15 0.00	58.41 4.97 0.00	64.07 5.82 0.00	67.77 5.94 0.00	74.76 7.23 0.00	107.63 11.19 0.00	124.47 13.14 0.00	141.74 14.07 -0.91	118.72 10.64 -5.82	88.38 7.09 -5.06	69.28 4.48 -5.05	61.07 4.58 0.00	49.21 3.69 0.00	44.23 3.58 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	37.00 -0.87 0.00	34.39 -1.58 0.00	31.98 -1.97 0.00	29.75 -2.17 0.00	29.29 -2.10 0.00	30.82 -2.50 0.00	33.23 -2.62 0.00	34.87 -1.99 0.00	37.84 -0.89 0.00	41.22 -0.63 0.00	43.57 -0.09 0.00	54.29 0.86 0.00	58.88 0.64 0.00	62.52 0.68 0.00	67.87 0.34 0.00	93.93 -2.51 0.00	106.22 -5.12 0.00	121.94 -4.82 0.00	99.82 -2.45 0.00	77.00 0.76 0.00	61.72 1.97 0.00	57.17 0.68 0.00	45.61 0.09 0.00	41.67 1.02 0.00
PACKARD___115KV_DUPONT_184 80571	37.00 -0.87 0.00	34.39 -1.58 0.00	31.98 -1.97 0.00	29.75 -2.17 0.00	29.29 -2.10 0.00	30.82 -2.50 0.00	33.23 -2.62 0.00	34.87 -1.99 0.00	37.84 -0.89 0.00	41.22 -0.63 0.00	43.57 -0.09 0.00	54.29 0.86 0.00	58.88 0.64 0.00	62.52 0.68 0.00	67.87 0.34 0.00	93.93 -2.51 0.00	106.22 -5.12 0.00	121.94 -4.82 0.00	99.82 -2.45 0.00	77.00 0.76 0.00	61.72 1.97 0.00	57.17 0.68 0.00	45.61 0.09 0.00	41.67 1.02 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	41.28 3.41 -0.01	38.54 2.55 -0.01	36.30 2.34 -0.01	34.22 2.30 -0.01	33.63 2.23 -0.01	35.76 2.43 0.00	38.18 2.33 0.00	39.66 2.80 0.00	42.03 3.29 0.00	45.24 3.39 0.00	46.97 3.32 0.00	57.12 3.69 0.01	63.13 4.89 0.01	66.53 4.70 0.01	73.40 5.88 0.01	105.79 9.35 0.01	122.02 10.69 0.01	138.94 11.28 -0.90	116.57 8.49 -5.81	86.77 5.49 -5.05	68.13 3.35 -5.04	59.99 3.50 0.01	48.52 3.00 0.00	43.91 3.25 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	41.78 3.90 -0.01	38.97 2.99 -0.01	36.70 2.75 -0.01	34.61 2.68 -0.01	34.01 2.61 -0.01	36.12 2.80 0.00	38.50 2.65 0.00	39.95 3.10 0.00	42.34 3.60 0.00	45.53 3.68 0.00	47.28 3.62 0.00	57.49 4.06 0.01	63.48 5.24 0.01	66.96 5.13 0.01	73.87 6.35 0.01	106.56 10.13 0.01	122.91 11.58 0.01	139.96 12.30 -0.90	117.39 9.31 -5.81	87.38 6.10 -5.05	68.61 3.82 -5.04	60.50 4.01 0.01	48.93 3.41 0.00	44.28 3.62 -0.01
PATROON___115KV_TB1 80586	39.27 1.40 0.00	37.12 1.15 0.00	35.03 1.09 0.00	32.94 1.02 0.00	32.37 0.97 0.00	34.39 1.07 0.00	36.93 1.08 0.00	38.08 1.22 0.00	40.05 1.32 0.00	43.31 1.46 0.00	45.18 1.53 0.00	55.31 1.87 0.00	60.17 1.92 0.00	64.00 2.16 0.00	70.03 2.50 0.00	100.39 3.95 0.00	116.01 4.68 0.00	132.34 5.58 0.00	149.08 4.19 -42.62	116.28 2.97 -37.07	98.85 2.09 -37.02	58.47 1.98 0.00	47.11 1.59 0.00	42.07 1.42 0.00
PATTRSNVILLE___SOLAR 323815	39.95 2.08 0.00	37.77 1.80 0.00	35.58 1.63 0.00	33.42 1.50 0.00	32.87 1.48 0.00	34.92 1.60 0.00	37.61 1.76 0.00	38.52 1.66 0.00	40.40 1.66 0.00	43.52 1.68 0.00	45.27 1.62 0.00	55.52 2.08 0.00	60.58 2.33 0.00	64.37 2.54 0.00	70.43 2.90 0.00	101.07 4.63 0.00	117.01 5.68 0.00	136.11 7.73 -1.62	177.11 6.55 -68.29	140.59 4.95 -59.41	122.94 3.88 -59.32	60.06 3.56 0.00	48.16 2.64 0.00	42.88 2.23 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	38.44 0.57 0.00	35.65 -0.32 0.00	33.17 -0.78 0.00	30.90 -1.02 0.00	30.39 -1.00 0.00	32.16 -1.17 0.00	34.74 -1.11 0.00	36.82 -0.04 0.00	39.78 1.05 0.00	43.39 1.55 0.00	45.84 2.18 0.00	57.13 3.69 0.00	62.15 3.90 0.00	66.29 4.45 0.00	72.06 4.52 0.00	99.81 3.38 0.00	113.01 1.67 0.00	129.42 2.66 0.00	105.75 3.48 0.00	80.96 4.73 0.00	64.58 4.84 0.00	59.72 3.22 0.00	47.66 2.14 0.00	43.17 2.52 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	41.05 3.18 0.00	38.46 2.48 0.00	36.15 2.21 0.00	34.12 2.20 0.00	33.53 2.13 0.00	35.59 2.27 0.00	38.40 2.55 0.00	39.88 3.02 0.00	42.26 3.52 0.00	45.70 3.85 0.00	47.58 3.93 0.00	58.20 4.76 0.00	63.89 5.65 0.00	67.89 6.06 0.00	74.82 7.29 0.00	107.53 11.09 0.00	124.47 13.14 0.00	141.91 14.32 -0.83	119.12 10.84 -6.01	88.86 7.39 -5.23	69.81 4.84 -5.22	61.13 4.63 0.00	49.12 3.60 0.00	43.86 3.21 0.00
PEEKSKILL___ 23653	40.56 2.69 0.00	37.99 2.01 0.00	35.71 1.76 0.00	33.70 1.79 0.00	33.15 1.76 0.00	35.12 1.80 0.00	38.00 2.15 0.00	39.37 2.51 0.00	41.68 2.94 0.00	44.94 3.10 0.00	46.75 3.10 0.00	57.12 3.68 0.00	62.44 4.20 0.00	66.41 4.58 0.00	73.07 5.54 0.00	105.02 8.58 0.00	121.47 10.13 0.00	138.55 10.90 -0.89	116.19 8.18 -5.74	86.64 5.41 -4.99	68.13 3.40 -4.98	59.94 3.45 0.00	48.25 2.73 0.00	43.13 2.48 0.00
PGE MADISON___WINDPWR 24146	41.93 4.01 -0.05	39.40 3.35 -0.08	36.93 2.95 -0.03	34.63 2.71 0.00	33.97 2.57 0.00	36.15 2.83 0.00	39.45 3.55 -0.05	40.84 3.98 0.00	42.88 4.15 0.00	46.24 4.27 -0.13	48.21 4.54 -0.02	60.27 6.36 -0.48	66.21 7.40 -0.57	69.66 7.60 -0.22	76.14 8.30 -0.30	109.95 11.76 -1.75	126.91 12.80 -2.78	145.38 15.33 -3.29	121.49 13.29 -5.93	90.70 10.82 -3.65	71.98 8.96 -3.28	64.79 8.08 -0.21	51.48 5.96 0.00	45.44 4.79 0.00

PIERCEFIELD___HYD 23852	36.53 -1.36 -0.02	35.22 -0.79 -0.03	33.25 -0.71 -0.01	31.18 -0.73 0.00	30.58 -0.82 0.00	32.36 -0.97 0.00	34.90 -0.97 -0.02	35.42 -1.44 0.00	36.72 -2.01 0.00	39.35 -2.55 -0.05	40.87 -2.79 -0.01	49.85 -3.79 -0.21	54.11 -4.37 -0.24	55.63 -4.76 1.44	62.06 -5.61 -0.13	89.48 -7.72 -0.76	104.07 -8.46 -1.20	118.42 -9.76 -1.42	95.33 -7.87 -0.93	70.44 -5.95 -0.16	55.56 -4.18 0.00	53.03 -3.56 -0.09	43.02 -2.50 0.00	38.17 -2.48 0.00
PINELAWN_CC_1 323563	44.95 3.86 -3.22	43.46 3.09 -4.39	39.92 2.78 -3.19	36.86 2.68 -2.26	34.94 2.64 -0.90	38.07 2.76 -1.98	39.08 3.23 0.00	41.36 3.28 -1.23	43.35 3.72 -0.90	45.40 3.55 0.00	47.41 3.75 0.00	64.80 4.33 -7.04	70.26 5.01 -7.00	88.60 5.63 -21.14	100.40 6.89 -25.98	129.93 10.51 -22.97	156.43 12.36 -32.73	176.17 13.43 -35.98	159.24 10.33 -46.64	90.92 6.94 -7.75	71.64 4.54 -7.36	71.15 4.46 -10.20	48.76 3.23 0.00	43.25 2.60 0.00
PJM_GEN_HTTP_PROXY 323702	40.97 3.11 0.00	38.31 2.34 0.00	36.02 2.07 0.00	33.96 2.04 0.00	33.41 2.01 0.00	35.42 2.10 0.00	38.32 2.47 0.00	39.77 2.91 0.00	42.18 3.45 0.00	44.28 3.60 1.16	48.35 3.53 -1.16	57.66 4.22 0.00	62.96 4.72 0.00	66.91 5.07 0.00	79.72 6.28 -5.91	100.26 9.74 5.91	122.70 11.36 0.00	139.84 12.17 -0.91	116.75 9.00 -5.48	87.50 5.87 -5.40	69.61 3.58 -6.28	60.36 3.79 -0.08	48.86 3.05 -0.29	41.94 2.89 1.60
PJM_GEN_KEystone 24065	39.08 1.21 0.00	36.44 0.47 0.00	33.22 0.17 0.90	32.04 0.13 0.00	31.52 0.13 0.00	33.49 0.17 0.00	36.39 0.54 0.00	37.74 0.88 0.00	40.24 1.51 0.00	42.37 1.72 1.19	46.70 2.01 -1.04	55.41 2.78 0.81	60.39 3.32 1.18	63.90 3.34 1.27	76.18 3.85 -4.80	93.80 4.53 7.17	114.69 4.57 1.21	131.17 5.20 0.78	108.64 4.39 -1.97	82.21 3.81 -2.17	65.89 3.05 -3.11	58.02 2.48 0.95	47.41 1.82 -0.07	40.88 1.83 1.60
PJM_GEN_NEPTUNE_PROXY 323594	42.86 3.26 -1.73	40.89 2.55 -2.36	37.94 2.27 -1.72	35.37 2.23 -1.21	34.08 2.20 -0.49	36.68 2.30 -1.06	38.54 2.69 0.00	40.58 3.06 -0.66	42.78 3.56 -0.48	44.15 3.47 1.16	48.40 3.58 -1.16	57.77 4.33 0.00	63.25 5.01 0.00	68.06 5.44 -0.78	81.86 6.55 -7.78	104.71 10.03 1.76	130.15 11.80 -7.02	152.94 12.67 -13.50	128.02 9.61 -16.14	88.04 6.40 -5.40	71.17 4.18 -7.25	66.30 4.24 -5.56	48.81 3.00 -0.29	41.53 2.48 1.60
PJM_GEN_VFT_PROXY 323633	40.90 3.03 0.00	38.17 2.19 0.00	35.88 1.93 0.00	33.83 1.91 0.00	33.25 1.85 0.00	35.25 1.93 0.00	38.18 2.33 0.00	39.62 2.77 0.00	42.02 3.29 0.00	43.62 3.35 1.58	46.29 3.28 0.63	45.76 3.85 11.53	45.76 4.31 16.79	48.28 4.58 18.13	63.32 5.74 9.95	81.48 8.97 23.92	104.60 10.58 17.32	120.96 11.16 16.96	97.39 8.28 13.16	68.03 5.26 13.46	51.05 3.16 11.86	45.15 3.33 14.68	45.42 2.78 2.88	41.77 2.72 1.60
PLATSBURG_115KV_PMLD1 355749	37.57 -0.30 0.00	36.12 0.14 0.00	34.12 0.17 0.00	31.95 0.03 0.00	31.46 0.06 0.00	33.46 0.13 0.00	36.10 0.25 0.00	36.79 -0.07 0.00	38.54 -0.19 0.00	41.64 -0.21 0.00	43.35 -0.31 0.00	51.25 -2.19 0.00	54.92 -3.32 0.01	56.32 -3.59 1.93	63.01 -4.52 0.00	90.07 -6.36 0.00	104.66 -6.68 0.00	118.90 -7.86 0.00	95.83 -6.44 0.00	71.28 -4.96 0.00	56.34 -3.41 0.00	54.35 -2.15 0.00	45.38 -0.14 0.00	40.37 -0.28 0.00
PLEASANTVLY___LBMP 24000	40.25 2.39 0.00	37.77 1.80 0.00	35.61 1.66 0.00	33.58 1.66 0.00	33.03 1.63 0.00	35.09 1.77 0.00	37.71 1.86 0.00	39.11 2.25 0.00	41.25 2.52 0.00	44.52 2.68 0.00	46.36 2.71 0.00	56.65 3.21 0.00	62.03 3.79 0.00	65.73 3.90 0.00	72.26 4.73 0.00	103.77 7.33 0.00	120.13 8.80 0.00	137.33 9.51 -1.06	115.60 7.16 -6.17	86.33 4.73 -5.37	68.15 3.05 -5.36	59.55 3.05 0.00	47.89 2.37 0.00	42.84 2.20 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	40.67 2.80 0.00	38.10 2.12 0.00	35.88 1.93 0.00	33.86 1.95 0.00	33.28 1.88 0.00	35.39 2.07 0.00	38.07 2.22 0.00	39.55 2.69 0.00	41.83 3.10 0.00	45.15 3.31 0.00	47.01 3.36 0.00	57.45 4.01 0.00	62.96 4.72 0.00	66.78 4.95 0.00	73.47 5.94 0.00	105.60 9.16 0.00	122.14 10.80 0.00	139.47 11.79 -0.92	117.04 8.90 -5.87	87.21 5.87 -5.11	68.61 3.76 -5.10	60.22 3.73 0.00	48.43 2.91 0.00	43.33 2.68 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	40.67 2.80 0.00	38.10 2.12 0.00	35.88 1.93 0.00	33.86 1.95 0.00	33.28 1.88 0.00	35.39 2.07 0.00	38.07 2.22 0.00	39.55 2.69 0.00	41.83 3.10 0.00	45.15 3.31 0.00	47.01 3.36 0.00	57.45 4.01 0.00	62.96 4.72 0.00	66.78 4.95 0.00	73.47 5.94 0.00	105.60 9.16 0.00	122.14 10.80 0.00	139.47 11.79 -0.92	117.04 8.90 -5.87	87.21 5.87 -5.11	68.61 3.76 -5.10	60.22 3.73 0.00	48.43 2.91 0.00	43.33 2.68 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	40.60 2.73 0.00	38.10 2.12 0.00	35.88 1.93 0.00	33.83 1.91 0.00	33.28 1.88 0.00	35.32 2.00 0.00	37.93 2.08 0.00	39.33 2.47 0.00	41.56 2.83 0.00	44.94 3.10 0.00	46.88 3.23 0.00	57.18 3.74 0.00	62.67 4.43 0.00	66.53 4.70 0.00	73.14 5.61 0.00	105.22 8.78 0.00	121.80 10.47 0.00	138.91 11.28 -0.86	117.41 8.59 -6.55	87.72 5.79 -5.70	69.26 3.82 -5.69	60.17 3.67 0.00	48.39 2.87 0.00	43.25 2.60 0.00
POLETTI_____ 23519	40.94 3.07 0.00	38.20 2.23 0.00	35.98 2.04 0.00	33.96 2.04 0.00	33.37 1.98 0.00	35.49 2.17 0.00	38.18 2.33 0.00	39.72 2.87 0.02	42.09 3.37 0.02	45.35 3.52 0.02	47.13 3.49 0.02	57.54 4.11 0.02	63.06 4.83 0.02	66.70 4.88 0.02	73.59 6.08 0.02	105.97 9.55 0.02	122.45 11.13 0.02	139.44 11.79 -0.89	116.87 8.80 -5.80	87.00 5.72 -5.04	68.25 3.47 -5.04	60.10 3.62 0.02	48.42 2.91 0.01	43.54 2.89 0.00
POMONA___ESR 323819	40.33 2.46 0.00	37.81 1.83 0.00	35.58 1.63 0.00	33.58 1.66 0.00	33.03 1.63 0.00	34.99 1.67 0.00	37.78 1.93 0.00	39.14 2.29 0.00	41.44 2.71 0.00	44.73 2.89 0.00	46.58 2.93 0.00	56.91 3.47 0.00	62.26 4.02 0.00	66.23 4.39 0.00	72.86 5.33 0.00	104.63 8.19 0.00	121.14 9.80 0.00	137.97 10.40 -0.82	115.58 7.77 -5.54	86.16 5.11 -4.82	67.72 3.16 -4.81	59.71 3.22 0.00	48.07 2.55 0.00	42.92 2.28 0.00
PORT_JEFF_3 23555	44.84 3.75 -3.22	43.32 2.95 -4.39	39.82 2.68 -3.19	36.79 2.62 -2.26	34.87 2.57 -0.90	38.00 2.70 -1.98	38.97 3.12 0.00	41.62 3.54 -1.23	43.47 3.84 -0.90	45.45 3.60 0.00	47.32 3.67 0.00	61.84 4.38 -4.02	66.87 5.18 -3.44	78.73 5.75 -11.14	89.04 6.96 -14.55	122.28 10.61 -15.23	147.94 12.14 -24.46	206.54 13.31 -66.48	168.00 10.33 -55.40	129.77 7.32 -46.22	79.40 4.96 -14.70	71.56 4.86 -10.21	48.80 3.28 0.00	43.17 2.52 0.00
PORT_JEFF_4 23616	44.84 3.75 -3.22	43.32 2.95 -4.39	39.82 2.68 -3.19	36.79 2.62 -2.26	34.87 2.57 -0.90	38.00 2.70 -1.98	38.97 3.12 0.00	41.62 3.54 -1.23	43.47 3.84 -0.90	45.45 3.60 0.00	47.32 3.67 0.00	61.84 4.38 -4.02	66.87 5.18 -3.44	78.73 5.75 -11.14	89.04 6.96 -14.55	122.28 10.61 -15.23	147.94 12.14 -24.46	206.54 13.31 -66.48	168.00 10.33 -55.40	129.77 7.32 -46.22	79.40 4.96 -14.70	71.56 4.86 -10.21	48.80 3.28 0.00	43.17 2.52 0.00

PORT_JEFF_IC 23713	44.87 3.79 -3.22	43.32 2.95 -4.39	39.85 2.72 -3.19	36.86 2.68 -2.26	34.94 2.64 -0.90	38.13 2.83 -1.98	38.83 2.98 0.00	41.70 3.61 -1.23	43.55 3.91 -0.90	45.57 3.72 0.00	47.63 3.97 0.00	62.13 4.54 -4.15	67.29 5.47 -3.57	79.34 6.00 -11.51	89.73 7.23 -14.97	122.95 10.99 -15.52	149.99 12.58 -26.07	219.69 13.82 -79.11	171.85 10.74 -58.84	136.22 7.47 -52.51	80.73 5.08 -15.90	71.62 4.92 -10.21	48.98 3.46 0.00	43.45 2.80 0.00
PPL PILGRIM_ST_GT1 24216	45.22 4.13 -3.22	43.71 3.35 -4.39	40.16 3.02 -3.19	37.14 2.97 -2.26	35.22 2.92 -0.90	38.37 3.06 -1.98	39.36 3.52 0.00	41.99 3.91 -1.23	44.05 4.41 -0.90	46.07 4.22 0.00	48.14 4.45 -0.03	72.78 5.08 -14.26	67.98 5.71 -4.02	80.91 6.31 -12.76	91.63 7.70 -16.40	124.49 11.57 -16.49	149.05 13.35 -24.36	176.41 14.70 -34.95	154.80 11.45 -41.08	97.69 7.93 -13.53	73.52 5.32 -8.46	71.83 5.14 -10.20	49.42 3.87 -0.03	43.70 3.05 0.00
PPL PILGRIM_ST_GT2 24217	45.22 4.13 -3.22	43.71 3.35 -4.39	40.16 3.02 -3.19	37.14 2.97 -2.26	35.22 2.92 -0.90	38.37 3.06 -1.98	39.36 3.52 0.00	41.99 3.91 -1.23	44.05 4.41 -0.90	46.07 4.22 0.00	48.14 4.45 -0.03	72.78 5.08 -14.26	67.98 5.71 -4.02	80.91 6.31 -12.76	91.63 7.70 -16.40	124.49 11.57 -16.49	149.05 13.35 -24.36	176.41 14.70 -34.95	154.80 11.45 -41.08	97.69 7.93 -13.53	73.52 5.32 -8.46	71.83 5.14 -10.20	49.42 3.87 -0.03	43.70 3.05 0.00
PPL_SHRM_GT3 24213	44.76 3.67 -3.22	43.21 2.84 -4.39	39.65 2.51 -3.19	36.67 2.49 -2.26	34.75 2.45 -0.90	37.90 2.60 -1.98	38.82 2.97 0.00	41.47 3.39 -1.23	43.54 3.91 -0.90	45.57 3.72 0.00	48.06 4.41 0.00	63.00 5.40 -4.17	68.21 6.46 -3.50	80.37 7.23 -11.30	90.77 8.51 -14.73	124.33 12.53 -15.36	150.34 14.14 -24.86	211.44 15.97 -68.71	171.04 12.78 -55.99	132.01 8.69 -47.09	80.77 6.15 -14.87	72.58 5.88 -10.21	49.39 3.87 0.00	43.29 2.64 0.00
PPL_SHRM_GT4 24214	44.76 3.67 -3.22	43.21 2.84 -4.39	39.65 2.51 -3.19	36.67 2.49 -2.26	34.75 2.45 -0.90	37.90 2.60 -1.98	38.82 2.97 0.00	41.47 3.39 -1.23	43.54 3.91 -0.90	45.57 3.72 0.00	48.06 4.41 0.00	63.00 5.40 -4.17	68.21 6.46 -3.50	80.37 7.23 -11.30	90.77 8.51 -14.73	124.33 12.53 -15.36	150.34 14.14 -24.86	211.44 15.97 -68.71	171.04 12.78 -55.99	132.01 8.69 -47.09	80.77 6.15 -14.87	72.58 5.88 -10.21	49.39 3.87 0.00	43.29 2.64 0.00
PROJECT___ORANGE 1 24174	37.97 0.04 -0.07	35.90 -0.18 -0.10	33.68 -0.31 -0.04	31.60 -0.32 0.00	31.08 -0.31 0.00	32.99 -0.33 0.00	35.63 -0.29 -0.06	36.93 0.07 0.00	38.89 0.15 0.00	42.31 0.29 -0.17	44.11 0.44 -0.02	54.94 0.86 -0.65	59.95 0.93 -0.77	63.18 1.05 -0.30	69.09 1.15 -0.41	100.08 1.25 -2.39	116.24 1.11 -3.79	132.51 1.27 -4.48	106.34 1.12 -2.94	77.95 1.22 -0.49	60.88 1.14 0.00	57.58 0.79 -0.29	45.97 0.46 0.00	41.06 0.41 0.00
PROJECT___ORANGE 2 24166	37.97 0.04 -0.07	35.90 -0.18 -0.10	33.68 -0.31 -0.04	31.60 -0.32 0.00	31.08 -0.31 0.00	32.99 -0.33 0.00	35.63 -0.29 -0.06	36.93 0.07 0.00	38.89 0.15 0.00	42.31 0.29 -0.17	44.11 0.44 -0.02	54.94 0.86 -0.65	59.95 0.93 -0.77	63.18 1.05 -0.30	69.09 1.15 -0.41	100.08 1.25 -2.39	116.24 1.11 -3.79	132.51 1.27 -4.48	106.34 1.12 -2.94	77.95 1.22 -0.49	60.88 1.14 0.00	57.58 0.79 -0.29	45.97 0.46 0.00	41.06 0.41 0.00
PUCKETT___SOLAR 323809	39.43 1.52 -0.05	37.09 1.04 -0.07	34.79 0.81 -0.03	32.65 0.73 0.00	32.09 0.69 0.00	34.12 0.80 0.00	37.07 1.18 -0.04	38.33 1.48 0.00	40.40 1.66 0.00	43.72 1.76 -0.12	45.63 1.97 -0.01	56.71 2.83 -0.44	62.08 3.32 -0.52	65.43 3.40 -0.20	71.59 3.78 -0.28	102.77 4.72 -1.60	119.00 5.12 -2.54	135.98 6.21 -3.01	112.91 5.52 -5.12	84.18 4.88 -3.07	66.59 4.12 -2.73	60.25 3.56 -0.19	48.11 2.59 0.00	42.84 2.19 0.00
PYRITES___HYD 24023	37.21 -0.68 -0.02	35.86 -0.14 -0.03	33.89 -0.07 -0.01	31.79 -0.13 0.00	31.18 -0.22 0.00	33.06 -0.27 0.00	35.69 -0.18 -0.02	36.12 -0.74 0.00	37.42 -1.32 0.00	40.06 -1.84 -0.05	41.56 -2.10 -0.01	50.74 -2.89 -0.19	55.14 -3.32 -0.22	56.69 -3.65 1.49	63.19 -4.46 -0.12	90.96 -6.17 -0.70	105.76 -6.68 -1.10	120.46 -7.61 -1.31	97.20 -5.93 -0.86	72.11 -4.27 -0.14	56.94 -2.81 0.00	54.32 -2.26 -0.08	44.02 -1.50 0.00	38.98 -1.67 0.00
QUAKERRD_115KV_BK1 80622	37.53 -0.34 0.00	35.22 -0.76 0.00	32.89 -1.05 0.00	30.74 -1.18 0.00	30.30 -1.10 0.00	32.06 -1.27 0.00	34.52 -1.33 0.00	36.16 -0.70 0.00	38.54 -0.19 0.00	41.89 0.04 0.00	44.05 0.39 0.00	54.61 1.18 0.00	59.29 1.05 0.00	63.07 1.24 0.00	68.61 1.08 0.00	96.73 0.29 0.00	110.45 -0.89 0.00	126.51 -0.25 0.00	102.58 0.31 0.00	77.68 1.45 0.00	61.66 1.91 0.00	57.57 1.07 0.00	45.97 0.46 0.00	41.42 0.77 0.00
QUENSBRY_115KV_TB8 356137	41.09 3.22 0.00	38.85 2.88 0.00	36.46 2.51 0.00	34.18 2.27 0.00	33.59 2.20 0.00	35.82 2.50 0.00	38.50 2.65 0.00	39.55 2.69 0.00	41.83 3.10 0.00	45.49 3.64 0.00	47.06 3.40 0.00	57.98 4.54 0.00	63.31 5.07 0.00	67.15 5.32 0.00	73.54 6.01 0.00	105.60 9.16 0.00	121.91 10.58 0.00	144.78 13.94 -4.08	176.44 11.66 -62.51	139.38 8.77 -54.38	121.33 7.29 -54.30	62.88 6.38 0.00	50.07 4.55 0.00	44.47 3.82 0.00
RAMAPO___LBMP 323565	40.18 2.31 0.00	37.59 1.62 0.00	35.47 1.53 0.00	33.48 1.56 0.00	32.93 1.54 0.00	34.96 1.63 0.00	37.61 1.76 0.00	39.07 2.21 0.00	41.25 2.52 0.00	44.57 2.72 0.00	46.45 2.79 0.00	56.75 3.31 0.00	62.15 3.90 0.00	65.92 4.08 0.00	72.53 5.00 0.00	104.15 7.72 0.00	120.47 9.13 0.00	137.33 9.76 -0.81	115.05 7.26 -5.51	85.83 4.80 -4.80	67.52 2.99 -4.79	59.49 2.99 0.00	47.84 2.32 0.00	42.80 2.15 0.00
RANKINE____ 23646	38.51 0.64 0.00	35.76 -0.22 0.00	33.23 -0.71 0.00	30.93 -0.99 0.00	30.45 -0.94 0.00	32.16 -1.17 0.00	34.74 -1.11 0.00	36.67 -0.18 0.00	39.66 0.93 0.00	43.27 1.42 0.00	45.70 2.05 0.00	56.97 3.53 0.00	61.91 3.67 0.00	65.92 4.08 0.00	71.65 4.12 0.00	99.14 2.70 0.00	112.34 1.00 0.00	128.66 1.90 0.00	105.24 2.97 0.00	80.73 4.50 0.00	64.52 4.78 0.00	59.72 3.22 0.00	47.61 2.09 0.00	43.25 2.60 0.00
RAVENSWOOD_GT2_1 24244	41.01 3.14 0.00	38.28 2.30 0.00	36.09 2.14 0.00	34.02 2.11 0.00	33.44 2.04 0.00	35.56 2.23 0.00	38.25 2.40 0.00	39.81 2.95 0.00	42.14 3.41 0.00	45.45 3.60 0.00	47.23 3.58 0.00	57.61 4.17 0.00	63.20 4.95 0.00	66.78 4.95 0.00	73.61 6.08 0.00	105.99 9.55 0.00	122.47 11.13 0.00	139.46 11.79 -0.91	116.88 8.80 -5.82	87.01 5.72 -5.06	68.32 3.52 -5.05	60.22 3.73 0.00	48.57 3.05 0.00	43.62 2.97 0.00
RAVENSWOOD_GT2_2 24245	41.01 3.14 0.00	38.28 2.30 0.00	36.09 2.14 0.00	34.02 2.11 0.00	33.44 2.04 0.00	35.56 2.23 0.00	38.25 2.40 0.00	39.81 2.95 0.00	42.14 3.41 0.00	45.45 3.60 0.00	47.23 3.58 0.00	57.61 4.17 0.00	63.20 4.95 0.00	66.78 4.95 0.00	73.61 6.08 0.00	105.99 9.55 0.00	122.47 11.13 0.00	139.46 11.79 -0.91	116.88 8.80 -5.82	87.01 5.72 -5.06	68.32 3.52 -5.05	60.22 3.73 0.00	48.57 3.05 0.00	43.62 2.97 0.00

RAVENSWOOD_GT2_3 24246	41.05 3.18 0.00	38.31 2.34 0.00	36.09 2.14 0.00	34.06 2.14 0.00	33.47 2.07 0.00	35.59 2.27 0.00	38.29 2.44 0.00	39.84 2.99 0.00	42.18 3.45 0.00	45.45 3.60 0.00	47.28 3.62 0.00	57.66 4.22 0.00	63.25 5.01 0.00	66.84 5.01 0.00	73.68 6.15 0.00	106.08 9.64 0.00	122.58 11.25 0.00	139.59 11.92 -0.91	116.98 8.90 -5.82	87.09 5.79 -5.06	68.38 3.58 -5.05	60.22 3.73 0.00	48.57 3.05 0.00	43.66 3.01 0.00
RAVENSWOOD_GT2_4 24247	41.05 3.18 0.00	38.31 2.34 0.00	36.09 2.14 0.00	34.06 2.14 0.00	33.47 2.07 0.00	35.59 2.27 0.00	38.29 2.44 0.00	39.84 2.99 0.00	42.18 3.45 0.00	45.45 3.60 0.00	47.28 3.62 0.00	57.66 4.22 0.00	63.25 5.01 0.00	66.84 5.01 0.00	73.68 6.15 0.00	106.08 9.64 0.00	122.58 11.25 0.00	139.59 11.92 -0.91	116.98 8.90 -5.82	87.09 5.79 -5.06	68.38 3.58 -5.05	60.22 3.73 0.00	48.57 3.05 0.00	43.66 3.01 0.00
RAVENSWOOD_GT3_1 24248	41.01 3.14 0.00	38.31 2.34 0.00	36.09 2.14 0.00	34.02 2.11 0.00	33.47 2.07 0.00	35.56 2.23 0.00	38.25 2.40 0.00	39.81 2.95 0.00	42.14 3.41 0.00	45.45 3.60 0.00	47.23 3.58 0.00	57.66 4.22 0.00	63.20 4.95 0.00	66.78 4.95 0.00	73.61 6.08 0.00	105.99 9.55 0.00	122.58 11.25 0.00	139.59 11.92 -0.91	116.98 8.90 -5.82	87.09 5.79 -5.06	68.32 3.52 -5.05	60.22 3.73 0.00	48.57 3.05 0.00	43.66 3.01 0.00
RAVENSWOOD_GT3_2 24249	41.01 3.14 0.00	38.31 2.34 0.00	36.09 2.14 0.00	34.02 2.11 0.00	33.47 2.07 0.00	35.56 2.23 0.00	38.25 2.40 0.00	39.81 2.95 0.00	42.14 3.41 0.00	45.45 3.60 0.00	47.23 3.58 0.00	57.66 4.22 0.00	63.20 4.95 0.00	66.78 4.95 0.00	73.61 6.08 0.00	105.99 9.55 0.00	122.58 11.25 0.00	139.59 11.92 -0.91	116.98 8.90 -5.82	87.09 5.79 -5.06	68.32 3.52 -5.05	60.22 3.73 0.00	48.57 3.05 0.00	43.66 3.01 0.00
RAVENSWOOD_GT3_3 24250	41.09 3.22 0.00	38.35 2.37 0.00	36.15 2.21 0.00	34.09 2.17 0.00	33.50 2.10 0.00	35.62 2.30 0.00	38.32 2.47 0.00	39.88 3.02 0.00	42.22 3.49 0.00	45.53 3.68 0.00	47.36 3.71 0.00	57.77 4.33 0.00	63.31 5.07 0.00	66.91 5.07 0.00	73.81 6.28 0.00	106.28 9.84 0.00	122.80 11.47 0.00	139.84 12.17 -0.91	117.19 9.10 -5.82	87.24 5.95 -5.06	68.50 3.70 -5.05	60.34 3.84 0.00	48.66 3.14 0.00	43.74 3.09 0.00
RAVENSWOOD_GT3_4 24251	41.09 3.22 0.00	38.35 2.37 0.00	36.15 2.21 0.00	34.09 2.17 0.00	33.50 2.10 0.00	35.62 2.30 0.00	38.32 2.47 0.00	39.88 3.02 0.00	42.22 3.49 0.00	45.53 3.68 0.00	47.36 3.71 0.00	57.77 4.33 0.00	63.31 5.07 0.00	66.91 5.07 0.00	73.81 6.28 0.00	106.28 9.84 0.00	122.80 11.47 0.00	139.84 12.17 -0.91	117.19 9.10 -5.82	87.24 5.95 -5.06	68.50 3.70 -5.05	60.34 3.84 0.00	48.66 3.14 0.00	43.74 3.09 0.00
RAVENSWOOD_GT_1 23729	41.26 3.37 -0.02	38.46 2.48 0.00	36.22 2.27 0.00	34.15 2.23 0.00	33.56 2.17 0.00	35.72 2.40 0.00	38.36 2.51 0.00	39.88 3.02 0.00	42.22 3.49 0.00	45.49 3.64 0.00	47.23 3.58 0.00	59.88 4.06 -2.38	66.94 4.89 -3.80	65.43 4.76 1.17	72.24 5.88 1.16	104.65 9.35 1.15	122.24 10.91 0.00	138.14 11.54 0.16	115.21 8.59 -4.35	84.34 5.49 -2.61	61.90 3.35 1.19	57.69 3.56 2.37	48.57 3.05 0.00	43.82 3.17 0.00
RAVENSWOOD_GT_10 24258	41.01 3.14 0.00	38.28 2.30 0.00	36.09 2.14 0.00	34.02 2.11 0.00	33.44 2.04 0.00	35.56 2.23 0.00	38.25 2.40 0.00	39.81 2.95 0.00	42.14 3.41 0.00	45.45 3.60 0.00	47.23 3.58 0.00	57.66 4.22 0.00	63.20 4.95 0.00	66.78 4.95 0.00	73.61 6.08 0.00	105.99 9.55 0.00	122.58 11.25 0.00	139.58 11.92 -0.91	116.98 8.90 -5.82	87.09 5.79 -5.06	67.87 3.58 -4.54	60.22 3.73 0.00	48.57 3.05 0.00	43.62 2.97 0.00
RAVENSWOOD_GT_11 24259	41.01 3.14 0.00	38.28 2.30 0.00	36.09 2.14 0.00	34.02 2.11 0.00	33.44 2.04 0.00	35.56 2.23 0.00	38.25 2.40 0.00	39.81 2.95 0.00	42.14 3.41 0.00	45.45 3.60 0.00	47.23 3.58 0.00	57.66 4.22 0.00	63.20 4.95 0.00	66.78 4.95 0.00	73.61 6.08 0.00	105.99 9.55 0.00	122.58 11.25 0.00	139.58 11.92 -0.91	116.98 8.90 -5.82	87.09 5.79 -5.06	67.87 3.58 -4.54	60.22 3.73 0.00	48.57 3.05 0.00	43.62 2.97 0.00
RAVENSWOOD_GT_4 24252	41.02 3.14 -0.01	38.28 2.30 0.00	36.05 2.10 0.00	34.02 2.11 0.00	33.44 2.04 0.00	35.56 2.23 0.00	38.25 2.40 0.00	39.81 2.95 0.00	42.14 3.41 0.00	45.45 3.60 0.00	47.28 3.62 0.00	59.53 4.28 -1.81	66.15 5.01 -2.89	65.95 5.01 0.89	72.86 6.21 0.89	105.21 9.64 0.87	122.69 11.36 0.00	138.90 12.04 -0.10	115.97 9.00 -4.70	85.30 5.87 -3.20	63.69 3.64 -0.30	58.48 3.79 1.80	48.57 3.05 0.00	43.62 2.97 0.00
RAVENSWOOD_GT_5 24254	41.02 3.14 -0.01	38.28 2.30 0.00	36.05 2.10 0.00	34.02 2.11 0.00	33.44 2.04 0.00	35.56 2.23 0.00	38.25 2.40 0.00	39.81 2.95 0.00	42.14 3.41 0.00	45.45 3.60 0.00	47.28 3.62 0.00	59.53 4.28 -1.81	66.15 5.01 -2.89	65.95 5.01 0.89	72.86 6.21 0.89	105.21 9.64 0.87	122.69 11.36 0.00	138.90 12.04 -0.10	115.97 9.00 -4.70	85.30 5.87 -3.20	63.69 3.64 -0.30	58.48 3.79 1.80	48.57 3.05 0.00	43.62 2.97 0.00
RAVENSWOOD_GT_6 24253	41.02 3.14 -0.01	38.28 2.30 0.00	36.05 2.10 0.00	34.02 2.11 0.00	33.44 2.04 0.00	35.56 2.23 0.00	38.25 2.40 0.00	39.81 2.95 0.00	42.14 3.41 0.00	45.45 3.60 0.00	47.28 3.62 0.00	59.53 4.28 -1.81	66.15 5.01 -2.89	65.95 5.01 0.89	72.86 6.21 0.89	105.21 9.64 0.87	122.69 11.36 0.00	138.90 12.04 -0.10	115.97 9.00 -4.70	85.30 5.87 -3.20	63.69 3.64 -0.30	58.48 3.79 1.80	48.57 3.05 0.00	43.62 2.97 0.00
RAVENSWOOD_GT_7 24255	41.02 3.14 -0.01	38.28 2.30 0.00	36.05 2.10 0.00	34.02 2.11 0.00	33.44 2.04 0.00	35.56 2.23 0.00	38.25 2.40 0.00	39.81 2.95 0.00	42.14 3.41 0.00	45.45 3.60 0.00	47.28 3.62 0.00	59.53 4.28 -1.81	66.15 5.01 -2.89	65.95 5.01 0.89	72.86 6.21 0.89	105.21 9.64 0.87	122.69 11.36 0.00	138.90 12.04 -0.10	115.97 9.00 -4.70	85.30 5.87 -3.20	63.69 3.64 -0.30	58.48 3.79 1.80	48.57 3.05 0.00	43.62 2.97 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	41.01 3.14 0.00	38.28 2.30 0.00	36.09 2.14 0.00	34.02 2.11 0.00	33.44 2.04 0.00	35.56 2.23 0.00	38.25 2.40 0.00	39.81 2.95 0.00	42.14 3.41 0.00	45.45 3.60 0.00	47.23 3.58 0.00	57.66 4.22 0.00	63.20 4.95 0.00	66.78 4.95 0.00	73.61 6.08 0.00	105.99 9.55 0.00	122.58 11.25 0.00	139.58 11.92 -0.91	116.98 8.90 -5.82	87.09 5.79 -5.06	67.87 3.58 -4.54	60.22 3.73 0.00	48.57 3.05 0.00	43.62 2.97 0.00
RAVENSWOOD_GT_9 24257	41.01 3.14 0.00	38.28 2.30 0.00	36.09 2.14 0.00	34.02 2.11 0.00	33.44 2.04 0.00	35.56 2.23 0.00	38.25 2.40 0.00	39.81 2.95 0.00	42.14 3.41 0.00	45.45 3.60 0.00	47.23 3.58 0.00	57.66 4.22 0.00	63.20 4.95 0.00	66.78 4.95 0.00	73.61 6.08 0.00	105.99 9.55 0.00	122.58 11.25 0.00	139.58 11.92 -0.91	116.98 8.90 -5.82	87.09 5.79 -5.06	67.87 3.58 -4.54	60.22 3.73 0.00	48.57 3.05 0.00	43.62 2.97 0.00

RAVENSWOOD___1 23533	41.25 3.37 -0.01	38.49 2.52 0.00	36.19 2.24 0.00	34.12 2.20 0.00	33.53 2.14 0.00	35.59 2.27 0.00	38.47 2.62 0.00	39.84 2.98 0.00	42.29 3.56 0.00	45.53 3.68 0.00	47.23 3.58 0.00	57.49 4.06 0.01	60.91 4.60 1.93	63.43 4.70 3.10	70.63 5.81 2.71	103.01 9.26 2.69	122.13 10.80 0.01	136.60 11.41 1.57	113.16 8.48 -2.41	81.02 5.41 0.62	58.80 3.28 4.23	54.56 3.56 5.50	48.62 3.10 0.00	43.78 3.13 0.00
RAVENSWOOD___2 23534	41.17 3.29 -0.01	38.42 2.45 0.00	36.12 2.17 0.00	34.06 2.14 0.00	33.47 2.07 0.00	35.49 2.16 0.00	38.40 2.55 0.00	39.77 2.91 0.00	42.22 3.49 0.00	45.40 3.55 0.00	47.10 3.45 0.00	57.07 3.64 0.01	60.30 4.02 1.96	62.83 4.14 3.15	69.98 5.20 2.75	102.09 8.39 2.73	121.13 9.80 0.01	135.41 10.26 1.61	112.19 7.57 -2.36	80.25 4.73 0.71	58.18 2.75 4.31	54.02 3.11 5.58	48.48 2.96 0.00	43.70 3.05 0.00
RAVENSWOOD___3 23535	41.09 3.22 0.00	38.38 2.41 0.00	36.09 2.14 0.00	34.02 2.11 0.00	33.47 2.07 0.00	35.49 2.16 0.00	38.40 2.55 0.00	39.81 2.95 0.00	42.22 3.49 0.00	45.49 3.64 0.00	47.23 3.58 0.00	57.66 4.22 0.00	62.96 4.72 0.00	66.78 4.95 0.00	73.61 6.08 0.00	105.99 9.55 0.00	122.58 11.24 0.00	139.58 11.91 -0.91	116.98 8.89 -5.82	87.08 5.79 -5.06	68.32 3.52 -5.05	60.28 3.79 0.00	48.62 3.10 0.00	43.62 2.97 0.00
RAVENSWOOD___4 23820	41.23 3.37 0.01	38.49 2.52 0.00	36.15 2.21 0.00	34.09 2.17 0.00	33.50 2.10 0.00	35.55 2.23 0.00	38.43 2.58 0.00	39.84 2.98 0.00	42.26 3.52 0.00	45.49 3.64 0.00	47.19 3.53 0.00	55.09 4.01 2.36	55.18 4.55 7.62	61.42 4.64 5.05	68.99 5.74 4.27	101.45 9.26 4.25	122.01 10.69 0.01	135.03 11.28 3.00	111.10 8.39 -0.44	77.74 5.41 3.91	55.65 3.22 7.31	51.33 3.50 8.67	48.57 3.05 0.00	43.74 3.09 0.00
RCPL_TRUST___DRP 24196	41.01 3.14 0.00	38.28 2.30 0.00	36.09 2.14 0.00	34.02 2.11 0.00	33.47 2.07 0.00	35.59 2.27 0.00	38.29 2.44 0.00	39.88 3.02 0.00	42.22 3.49 0.00	45.53 3.68 0.00	47.36 3.71 0.00	57.82 4.38 0.00	63.31 5.07 0.00	67.09 5.26 0.00	74.01 6.48 0.00	106.47 10.03 0.00	123.14 11.80 0.00	140.22 12.55 -0.91	117.39 9.31 -5.82	87.39 6.10 -5.06	68.56 3.76 -5.05	60.34 3.84 0.00	48.61 3.10 0.00	43.66 3.01 0.00
RED___ROCHESTER 323720	38.74 0.87 0.00	36.19 0.22 0.00	33.74 -0.20 0.00	31.47 -0.45 0.00	31.02 -0.38 0.00	33.02 -0.30 0.00	35.78 -0.07 0.00	37.12 0.26 0.00	39.74 1.01 0.00	43.23 1.38 0.00	45.57 1.92 0.00	56.48 3.04 0.00	61.74 3.49 0.00	65.23 3.40 0.00	70.84 3.31 0.00	99.52 3.09 0.00	113.34 2.01 0.00	130.05 3.29 0.00	105.64 3.37 0.00	80.20 3.96 0.00	63.86 4.12 0.00	59.49 2.99 0.00	47.57 2.05 0.00	42.88 2.23 0.00
REGAN___SOLAR 323812	43.24 5.38 0.00	40.87 4.89 0.00	38.26 4.31 0.00	35.78 3.86 0.00	35.19 3.80 0.00	37.62 4.30 0.00	40.62 4.77 0.00	41.54 4.68 0.00	43.81 5.07 0.00	47.33 5.48 0.00	49.32 5.67 0.00	61.14 7.70 0.00	66.69 8.44 0.00	71.17 9.34 0.00	78.00 10.47 0.00	112.26 15.82 0.00	129.82 18.49 0.00	153.83 25.61 -1.46	183.72 20.15 -61.29	144.80 15.25 -53.32	124.82 11.83 -53.24	67.00 10.51 0.00	53.21 7.69 0.00	47.03 6.38 0.00
RENSSELAER___COGEN 23796	39.04 1.18 0.00	36.91 0.93 0.00	34.83 0.88 0.00	32.75 0.83 0.00	32.21 0.81 0.00	34.16 0.83 0.00	36.75 0.90 0.00	37.82 0.96 0.00	39.78 1.05 0.00	42.93 1.09 0.00	44.74 1.09 0.00	54.72 1.28 0.00	59.35 1.10 0.00	63.19 1.36 0.00	69.15 1.62 0.00	99.14 2.70 0.00	114.57 3.23 0.00	115.69 3.93 15.00	139.41 2.86 -34.28	108.03 1.98 -29.82	90.83 1.31 -29.78	57.80 1.30 0.00	46.70 1.18 0.00	41.70 1.06 0.00
REPUBLIC_115KV_BARTNBRK 55605	43.70 5.83 0.00	41.30 5.32 0.00	38.67 4.72 0.00	36.13 4.21 0.00	35.54 4.14 0.00	37.99 4.67 0.00	40.83 4.98 0.00	41.91 5.05 0.00	44.50 5.77 0.00	48.46 6.61 0.00	50.24 6.59 0.00	62.20 8.76 0.00	67.85 9.61 0.00	72.29 10.45 0.00	79.21 11.68 0.00	113.51 17.07 0.00	130.93 19.60 0.00	156.54 25.61 -4.17	185.35 20.86 -62.22	146.21 15.86 -54.12	126.75 12.96 -54.04	67.96 11.47 0.00	53.89 8.38 0.00	47.68 7.03 0.00
REVERE_CPPR_DRP 24186	39.76 1.86 -0.03	37.50 1.47 -0.05	35.29 1.32 -0.02	33.16 1.24 0.00	32.56 1.16 0.00	34.56 1.23 0.00	37.32 1.43 -0.03	38.63 1.77 0.00	40.63 1.90 0.00	43.90 1.97 -0.09	45.80 2.14 -0.01	56.76 2.99 -0.33	61.96 3.32 -0.40	65.46 3.52 -0.10	71.59 3.85 -0.21	103.06 5.40 -1.22	119.17 5.90 -1.94	136.15 7.10 -2.29	109.81 6.03 -1.51	81.37 4.88 -0.25	63.81 4.06 0.00	60.26 3.62 -0.15	48.16 2.64 0.00	42.68 2.03 0.00
REYNOLDS_115KV_TB3 80639	39.35 1.48 0.00	37.16 1.19 0.00	35.10 1.15 0.00	33.00 1.09 0.00	32.46 1.07 0.00	34.49 1.17 0.00	37.00 1.15 0.00	38.19 1.33 0.00	40.09 1.36 0.00	43.35 1.51 0.00	45.18 1.53 0.00	55.26 1.82 0.00	60.17 1.92 0.00	63.94 2.10 0.00	69.96 2.43 0.00	100.30 3.86 0.00	116.01 4.68 0.00	143.32 5.58 -10.98	144.48 4.19 -38.02	112.20 2.90 -33.07	94.80 2.03 -33.02	58.42 1.92 0.00	47.07 1.55 0.00	42.03 1.38 0.00
RIVERBAY____ 323610	41.78 3.90 -0.01	38.97 2.99 -0.01	36.70 2.75 -0.01	34.61 2.68 -0.01	34.01 2.61 -0.01	36.12 2.80 0.00	38.50 2.65 0.00	39.95 3.10 0.00	42.34 3.60 0.00	45.53 3.68 0.00	47.28 3.62 0.00	57.49 4.06 0.01	63.48 5.24 0.01	66.96 5.13 0.01	73.87 6.35 0.01	106.56 10.13 0.01	122.91 11.58 0.01	139.96 12.30 -0.90	117.39 9.31 -5.81	87.38 6.10 -5.05	68.61 3.82 -5.04	60.50 4.01 0.01	48.93 3.41 0.00	44.28 3.62 -0.01
RIVERSIDE_115KV_TB3 55908	39.19 1.33 0.00	37.02 1.04 0.00	34.97 1.02 0.00	32.87 0.96 0.00	32.31 0.91 0.00	34.32 1.00 0.00	36.85 1.00 0.00	38.00 1.14 0.00	39.93 1.20 0.00	43.19 1.34 0.00	45.01 1.35 0.00	55.15 1.71 0.00	59.99 1.75 0.00	63.75 1.92 0.00	69.76 2.23 0.00	100.01 3.57 0.00	115.57 4.23 0.00	132.56 5.07 -0.73	145.23 3.99 -38.97	112.88 2.74 -33.90	95.45 1.85 -33.85	58.30 1.81 0.00	46.98 1.46 0.00	41.95 1.30 0.00
ROARING___BROOK_WT_PWR 323790	37.11 -0.76 0.00	35.51 -0.47 0.00	33.57 -0.37 0.00	31.54 -0.38 0.00	31.02 -0.38 0.00	32.92 -0.40 0.00	35.31 -0.54 0.00	36.20 -0.66 0.00	37.92 -0.82 0.00	40.97 -0.88 0.00	42.73 -0.92 0.00	51.84 -1.60 0.00	56.31 -1.92 0.01	56.79 -2.04 3.01	66.45 -1.08 0.00	95.00 -1.44 0.00	109.67 -1.67 0.00	124.86 -1.90 0.00	100.74 -1.53 0.00	75.01 -1.22 0.00	58.85 -0.89 0.00	55.65 -0.85 0.00	45.02 -0.50 0.00	40.12 -0.53 0.00
ROCHESRG_115KV_T4 355643	38.13 0.27 0.00	35.69 -0.29 0.00	33.34 -0.61 0.00	31.12 -0.80 0.00	30.67 -0.72 0.00	32.42 -0.90 0.00	34.92 -0.93 0.00	36.60 -0.26 0.00	39.12 0.39 0.00	42.56 0.71 0.00	44.79 1.13 0.00	55.58 2.14 0.00	60.28 2.04 0.00	64.18 2.35 0.00	69.76 2.23 0.00	97.98 1.54 0.00	111.67 0.33 0.00	128.03 1.27 0.00	104.01 1.74 0.00	78.98 2.74 0.00	62.85 3.11 0.00	58.59 2.09 0.00	46.79 1.27 0.00	42.28 1.63 0.00

ROCHESTER_9_IC 23652	38.40 0.53 0.00	35.97 0.00 0.00	33.57 -0.37 0.00	31.31 -0.61 0.00	30.86 -0.53 0.00	32.62 -0.70 0.00	35.13 -0.72 0.00	36.90 0.04 0.00	39.43 0.70 0.00	42.89 1.05 0.00	45.18 1.53 0.00	56.06 2.62 0.00	60.81 2.56 0.00	64.74 2.91 0.00	70.37 2.84 0.00	98.85 2.41 0.00	112.56 1.22 0.00	129.17 2.41 0.00	104.93 2.66 0.00	79.66 3.43 0.00	63.39 3.64 0.00	59.04 2.54 0.00	47.20 1.68 0.00	42.60 1.95 0.00
ROCKVIEW_13_KV_LD 356306	40.94 3.07 0.00	38.28 2.30 0.00	36.05 2.10 0.00	33.99 2.07 0.00	33.44 2.04 0.00	35.56 2.23 0.00	38.29 2.44 0.00	39.81 2.95 0.00	42.14 3.41 0.00	45.49 3.64 0.00	47.32 3.67 0.00	57.87 4.44 0.00	63.37 5.13 0.00	67.21 5.38 0.00	74.01 6.48 0.00	106.47 10.03 0.00	123.14 11.80 0.00	140.47 12.80 -0.91	117.80 9.72 -5.82	87.70 6.40 -5.06	68.92 4.12 -5.05	60.62 4.12 0.00	48.71 3.19 0.00	43.62 2.97 0.00
ROME____115KV_TB2 80656	39.76 1.86 -0.03	37.50 1.47 -0.05	35.29 1.32 -0.02	33.16 1.24 0.00	32.56 1.16 0.00	34.56 1.23 0.00	37.32 1.43 -0.03	38.63 1.77 0.00	40.63 1.90 0.00	43.90 1.97 -0.09	45.80 2.14 -0.01	56.76 2.99 -0.33	61.96 3.32 -0.40	65.46 3.52 -0.10	71.59 3.85 -0.21	103.06 5.40 -1.22	119.17 5.90 -1.94	136.15 7.10 -2.29	109.81 6.03 -1.51	81.37 4.88 -0.25	63.81 4.06 0.00	60.26 3.62 -0.15	48.16 2.64 0.00	42.68 2.03 0.00
ROSETON____1 23587	40.22 2.35 0.00	37.74 1.76 0.00	35.51 1.56 0.00	33.51 1.60 0.00	32.93 1.54 0.00	34.92 1.60 0.00	37.75 1.90 0.00	38.96 2.10 0.00	41.18 2.44 0.00	44.44 2.60 0.00	46.18 2.53 0.00	56.43 2.99 0.00	61.62 3.38 0.00	65.54 3.71 0.00	71.99 4.46 0.00	103.39 6.95 0.00	119.69 8.35 0.00	136.44 8.87 -0.81	114.75 6.75 -5.74	85.64 4.42 -4.99	67.53 2.81 -4.98	59.37 2.88 0.00	47.75 2.23 0.00	42.64 1.99 0.00
ROSETON____2 23588	40.22 2.35 0.00	37.74 1.76 0.00	35.51 1.56 0.00	33.51 1.60 0.00	32.93 1.54 0.00	34.92 1.60 0.00	37.75 1.90 0.00	38.96 2.10 0.00	41.18 2.44 0.00	44.44 2.60 0.00	46.18 2.53 0.00	56.43 2.99 0.00	61.62 3.38 0.00	65.54 3.71 0.00	71.99 4.46 0.00	103.39 6.95 0.00	119.69 8.35 0.00	136.44 8.87 -0.81	114.75 6.75 -5.74	85.64 4.42 -4.99	67.53 2.81 -4.98	59.37 2.88 0.00	47.75 2.23 0.00	42.64 1.99 0.00
ROTTDAM_115KV_TB3 80664	39.46 1.59 0.00	37.34 1.37 0.00	35.20 1.26 0.00	33.10 1.18 0.00	32.56 1.16 0.00	34.59 1.27 0.00	37.18 1.33 0.00	38.26 1.40 0.00	40.21 1.47 0.00	43.44 1.59 0.00	45.22 1.57 0.00	55.42 1.98 0.00	60.52 2.27 0.00	64.25 2.41 0.00	70.23 2.70 0.00	100.68 4.24 0.00	116.35 5.01 0.00	134.63 6.21 -1.66	177.43 5.01 -70.15	140.99 3.74 -61.02	123.48 2.81 -60.93	59.09 2.60 0.00	47.48 1.96 0.00	42.36 1.71 0.00
RUSSELL____1 23602	38.66 0.80 0.00	36.15 0.18 0.00	33.74 -0.20 0.00	31.47 -0.45 0.00	31.02 -0.38 0.00	32.82 -0.50 0.00	35.31 -0.54 0.00	37.12 0.26 0.00	39.70 0.97 0.00	43.23 1.38 0.00	45.53 1.88 0.00	56.49 3.05 0.00	61.21 2.97 0.00	65.24 3.40 0.00	70.91 3.38 0.00	99.53 3.09 0.00	113.34 2.00 0.00	130.06 3.30 0.00	105.65 3.37 0.00	80.20 3.96 0.00	63.87 4.12 0.00	59.49 2.99 0.00	47.52 2.00 0.00	42.89 2.24 0.00
RUSSELL____2 23532	38.66 0.80 0.00	36.15 0.18 0.00	33.74 -0.20 0.00	31.47 -0.45 0.00	31.02 -0.38 0.00	32.82 -0.50 0.00	35.31 -0.54 0.00	37.12 0.26 0.00	39.70 0.97 0.00	43.23 1.38 0.00	45.53 1.88 0.00	56.49 3.05 0.00	61.21 2.97 0.00	65.24 3.40 0.00	70.91 3.38 0.00	99.53 3.09 0.00	113.34 2.00 0.00	130.06 3.30 0.00	105.65 3.37 0.00	80.20 3.96 0.00	63.87 4.12 0.00	59.49 2.99 0.00	47.52 2.00 0.00	42.89 2.24 0.00
RUSSELL____3 23549	38.66 0.80 0.00	36.15 0.18 0.00	33.74 -0.20 0.00	31.47 -0.45 0.00	31.02 -0.38 0.00	32.82 -0.50 0.00	35.31 -0.54 0.00	37.12 0.26 0.00	39.70 0.97 0.00	43.23 1.38 0.00	45.53 1.88 0.00	56.49 3.05 0.00	61.21 2.97 0.00	65.24 3.40 0.00	70.91 3.38 0.00	99.53 3.09 0.00	113.34 2.00 0.00	130.06 3.30 0.00	105.65 3.37 0.00	80.20 3.96 0.00	63.87 4.12 0.00	59.49 2.99 0.00	47.52 2.00 0.00	42.89 2.24 0.00
RUSSELL____4 23556	38.66 0.80 0.00	36.15 0.18 0.00	33.74 -0.20 0.00	31.47 -0.45 0.00	31.02 -0.38 0.00	32.82 -0.50 0.00	35.31 -0.54 0.00	37.12 0.26 0.00	39.70 0.97 0.00	43.23 1.38 0.00	45.53 1.88 0.00	56.49 3.05 0.00	61.21 2.97 0.00	65.24 3.40 0.00	70.91 3.38 0.00	99.53 3.09 0.00	113.34 2.00 0.00	130.06 3.30 0.00	105.65 3.37 0.00	80.20 3.96 0.00	63.87 4.12 0.00	59.49 2.99 0.00	47.52 2.00 0.00	42.89 2.24 0.00
RUSSELL____STATION 23914	38.66 0.80 0.00	36.15 0.18 0.00	33.74 -0.20 0.00	31.47 -0.45 0.00	31.02 -0.38 0.00	32.82 -0.50 0.00	35.31 -0.54 0.00	37.12 0.26 0.00	39.70 0.97 0.00	43.23 1.38 0.00	45.53 1.88 0.00	56.49 3.05 0.00	61.21 2.97 0.00	65.24 3.40 0.00	70.91 3.38 0.00	99.53 3.09 0.00	113.34 2.00 0.00	130.06 3.30 0.00	105.65 3.37 0.00	80.20 3.96 0.00	63.87 4.12 0.00	59.49 2.99 0.00	47.52 2.00 0.00	42.89 2.24 0.00
S SALMON____HYD 24043	37.92 -0.11 -0.16	35.90 -0.32 -0.25	33.63 -0.41 -0.09	31.50 -0.42 0.00	30.99 -0.41 0.00	32.92 -0.40 0.00	35.71 -0.29 -0.15	36.68 -0.18 0.00	38.54 -0.19 0.00	41.96 -0.29 -0.41	43.44 -0.26 -0.05	54.88 -0.11 -1.55	60.09 0.00 -1.84	62.28 -0.12 -0.57	68.38 -0.13 -0.98	101.85 -0.29 -5.69	119.70 -0.66 -9.02	136.93 -0.51 -10.68	109.19 -0.10 -7.02	77.87 0.46 -1.18	60.40 0.66 0.00	57.53 0.34 -0.69	45.66 0.14 0.00	40.81 0.16 0.00
S.PERRY__115KV_TB1 80734	38.70 0.83 0.00	36.15 0.18 0.00	33.68 -0.27 0.00	31.41 -0.51 0.00	30.96 -0.44 0.00	32.86 -0.47 0.00	35.35 -0.50 0.00	36.97 0.11 0.00	39.12 0.39 0.00	42.39 0.54 0.00	44.48 0.83 0.00	55.15 1.71 0.00	57.66 -0.58 0.00	61.46 -0.37 0.00	67.06 -0.47 0.00	93.35 -3.09 0.00	106.66 -4.68 0.00	122.83 -3.93 0.00	101.15 -1.12 0.00	77.61 1.37 0.00	62.49 2.75 0.00	58.08 1.58 0.00	48.02 2.50 0.00	43.21 2.56 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	38.10 0.23 0.00	35.36 -0.61 0.00	32.89 -1.05 0.00	30.61 -1.31 0.00	30.14 -1.26 0.00	31.79 -1.53 0.00	34.31 -1.54 0.00	36.12 -0.74 0.00	39.08 0.35 0.00	42.60 0.75 0.00	45.05 1.40 0.00	56.16 2.73 0.00	60.98 2.74 0.00	64.86 3.03 0.00	70.50 2.97 0.00	97.60 1.16 0.00	110.45 -0.89 0.00	126.76 0.00 0.00	103.60 1.33 0.00	79.59 3.35 0.00	63.69 3.94 0.00	58.98 2.49 0.00	47.07 1.55 0.00	42.80 2.15 0.00
SAWYER____23_KV_LOAD 55526	38.10 0.23 0.00	35.36 -0.61 0.00	32.89 -1.05 0.00	30.61 -1.31 0.00	30.14 -1.26 0.00	31.79 -1.53 0.00	34.31 -1.54 0.00	36.12 -0.74 0.00	39.08 0.35 0.00	42.60 0.75 0.00	45.05 1.40 0.00	56.16 2.73 0.00	60.98 2.74 0.00	64.86 3.03 0.00	70.50 2.97 0.00	97.60 1.16 0.00	110.45 -0.89 0.00	126.76 0.00 0.00	103.60 1.33 0.00	79.59 3.35 0.00	63.69 3.94 0.00	58.98 2.49 0.00	47.07 1.55 0.00	42.80 2.15 0.00

SELKIRK___I 23801	39.38 1.52 0.00	37.27 1.29 0.00	35.17 1.22 0.00	33.06 1.15 0.00	32.52 1.13 0.00	34.52 1.20 0.00	37.10 1.25 0.00	38.07 1.21 0.00	39.97 1.24 0.00	43.10 1.25 0.00	44.83 1.18 0.00	54.88 1.44 0.00	58.24 0.00 0.00	61.96 0.12 0.00	67.80 0.27 0.00	97.12 0.68 0.00	110.52 1.00 1.82	117.11 1.64 11.29	121.97 1.23 -18.47	98.91 0.84 -21.83	82.14 0.60 -21.80	57.18 0.68 0.00	47.16 1.64 0.00	42.11 1.46 0.00
SELKIRK___II 23799	39.12 1.25 0.00	36.98 1.01 0.00	34.90 0.95 0.00	32.84 0.93 0.00	32.27 0.88 0.00	34.25 0.93 0.00	36.89 1.04 0.00	37.93 1.07 0.00	39.86 1.12 0.00	43.06 1.21 0.00	44.83 1.18 0.00	54.88 1.44 0.00	59.06 0.82 0.00	62.82 0.99 0.00	68.75 1.22 0.00	98.37 1.93 0.00	107.00 2.34 6.68	107.00 2.67 22.43	107.00 1.94 -2.79	101.22 1.37 -23.61	84.22 0.90 -23.58	57.51 1.02 0.00	46.79 1.27 0.00	41.79 1.14 0.00
SENECA OSWGO___HYD 24041	37.83 -0.26 -0.23	35.89 -0.43 -0.35	33.53 -0.54 -0.13	31.37 -0.54 0.00	30.86 -0.53 0.00	32.79 -0.53 0.00	35.63 -0.43 -0.21	36.60 -0.26 0.00	38.54 -0.19 0.00	42.21 -0.21 -0.57	43.64 -0.09 -0.07	55.72 0.11 -2.17	61.07 0.23 -2.59	63.01 0.19 -0.99	69.18 0.27 -1.38	104.44 0.00 -8.00	123.80 -0.22 -12.69	141.64 -0.13 -15.01	112.24 0.10 -9.87	78.27 0.38 -1.66	60.22 0.48 0.00	57.69 0.23 -0.97	45.56 0.05 0.00	40.73 0.08 0.00
SENECA___115KV_TB3 355854	38.59 0.72 0.00	35.79 -0.18 0.00	33.30 -0.64 0.00	30.99 -0.93 0.00	30.52 -0.88 0.00	32.22 -1.10 0.00	34.77 -1.08 0.00	36.75 -0.11 0.00	39.74 1.01 0.00	43.35 1.51 0.00	45.84 2.18 0.00	57.07 3.63 0.00	62.03 3.79 0.00	66.10 4.27 0.00	71.85 4.32 0.00	99.43 2.99 0.00	112.56 1.22 0.00	129.04 2.28 0.00	105.54 3.27 0.00	80.88 4.65 0.00	64.64 4.90 0.00	59.83 3.33 0.00	47.75 2.23 0.00	43.33 2.68 0.00
SENECA___ENERGY 23797	38.30 0.34 -0.09	36.18 0.07 -0.14	33.80 -0.20 -0.05	31.60 -0.32 0.00	31.11 -0.28 0.00	33.16 -0.17 0.00	36.04 0.11 -0.08	37.19 0.33 0.00	39.32 0.58 0.00	42.87 0.79 -0.23	44.73 1.05 -0.03	56.06 1.76 -0.86	61.37 2.09 -1.03	64.33 2.10 -0.39	70.31 2.23 -0.55	101.65 2.03 -3.18	118.16 1.78 -5.04	135.13 2.40 -5.97	108.64 2.45 -3.92	79.63 2.74 -0.66	62.31 2.57 0.00	58.74 1.86 -0.39	46.70 1.18 0.00	41.75 1.10 0.00
SHOEMAKER___GT 23640	39.99 2.12 0.00	37.59 1.62 0.00	35.34 1.39 0.00	33.35 1.44 0.00	32.78 1.38 0.00	34.72 1.40 0.00	37.50 1.65 0.00	38.70 1.84 0.00	40.90 2.17 0.00	44.15 2.30 0.00	45.96 2.31 0.00	56.16 2.72 0.00	61.39 3.14 0.00	65.23 3.40 0.00	71.72 4.19 0.00	102.90 6.46 0.00	118.91 7.57 0.00	135.69 8.23 -0.70	113.66 6.24 -5.15	84.98 4.27 -4.48	66.97 2.75 -4.47	59.26 2.77 0.00	47.66 2.14 0.00	42.56 1.91 0.00
SHOEMAKR_138KV_BK 111 55601	39.91 2.04 0.00	37.48 1.51 0.00	35.34 1.39 0.00	33.32 1.40 0.00	32.78 1.38 0.00	34.76 1.43 0.00	37.36 1.51 0.00	38.70 1.84 0.00	40.83 2.09 0.00	44.11 2.26 0.00	46.01 2.36 0.00	56.22 2.78 0.00	61.51 3.26 0.00	65.30 3.46 0.00	71.72 4.19 0.00	102.90 6.46 0.00	119.02 7.68 0.00	135.68 8.24 -0.68	113.61 6.24 -5.10	84.94 4.27 -4.44	66.92 2.75 -4.43	59.15 2.66 0.00	47.61 2.09 0.00	42.56 1.91 0.00
SHOREHAM_IC_1 23715	44.76 3.67 -3.22	43.21 2.84 -4.39	39.65 2.51 -3.19	36.67 2.49 -2.26	34.75 2.45 -0.90	37.90 2.60 -1.98	38.82 2.97 0.00	41.47 3.39 -1.23	43.54 3.91 -0.90	45.57 3.72 0.00	48.06 4.41 0.00	63.00 5.40 -4.17	68.21 6.46 -3.50	80.37 7.23 -11.30	90.77 8.51 -14.73	124.33 12.53 -15.36	150.34 14.14 -24.86	211.44 15.97 -68.71	171.04 12.78 -55.99	132.01 8.69 -47.09	80.77 6.15 -14.87	72.58 5.88 -10.21	49.39 3.87 0.00	43.29 2.64 0.00
SHOREHAM_IC_2 23716	44.76 3.67 -3.22	43.21 2.84 -4.39	39.65 2.51 -3.19	36.67 2.49 -2.26	34.75 2.45 -0.90	37.90 2.60 -1.98	38.82 2.97 0.00	41.47 3.39 -1.23	43.54 3.91 -0.90	45.57 3.72 0.00	48.06 4.41 0.00	63.00 5.40 -4.17	68.21 6.46 -3.50	80.37 7.23 -11.30	90.77 8.51 -14.73	124.33 12.53 -15.36	150.34 14.14 -24.86	211.44 15.97 -68.71	171.04 12.78 -55.99	132.01 8.69 -47.09	80.77 6.15 -14.87	72.58 5.88 -10.21	49.39 3.87 0.00	43.29 2.64 0.00
SISSONVILLE____ 23735	36.53 -1.36 -0.02	35.22 -0.79 -0.03	33.25 -0.71 -0.01	31.18 -0.73 0.00	30.58 -0.82 0.00	32.36 -0.97 0.00	34.90 -0.97 -0.02	35.42 -1.44 0.00	36.72 -2.01 0.00	39.35 -2.55 -0.05	40.87 -2.79 -0.01	49.85 -3.79 -0.21	54.11 -4.37 -0.24	55.63 -4.76 1.44	62.06 -5.61 -0.13	89.48 -7.72 -0.76	104.07 -8.46 -1.20	118.42 -9.76 -1.42	95.33 -7.87 -0.93	70.44 -5.95 -0.16	55.56 -4.18 0.00	53.03 -3.56 -0.09	43.02 -2.50 0.00	38.17 -2.48 0.00
SITHE_IND_GS1 24169	36.30 -0.91 0.66	33.92 -1.04 1.01	32.49 -1.09 0.37	30.89 -1.02 0.00	30.39 -1.01 0.00	32.29 -1.03 0.00	34.20 -1.04 0.61	35.94 -0.92 0.00	37.88 -0.85 0.00	39.26 -0.92 1.67	42.57 -0.87 0.21	46.27 -0.86 6.32	49.84 -0.87 7.54	57.97 -0.99 2.88	62.43 -1.08 4.02	71.35 -1.84 23.26	72.03 -2.45 36.86	80.48 -2.67 43.61	71.66 -1.95 28.66	70.20 -1.22 4.81	58.97 -0.78 0.00	52.76 -0.91 2.83	44.70 -0.82 0.00	39.96 -0.69 0.00
SITHE_IND_GS2 24170	36.30 -0.91 0.66	33.92 -1.04 1.01	32.49 -1.09 0.37	30.89 -1.02 0.00	30.39 -1.01 0.00	32.29 -1.03 0.00	34.20 -1.04 0.61	35.94 -0.92 0.00	37.88 -0.85 0.00	39.26 -0.92 1.67	42.57 -0.87 0.21	46.27 -0.86 6.32	49.84 -0.87 7.54	57.97 -0.99 2.88	62.43 -1.08 4.02	71.35 -1.84 23.26	72.03 -2.45 36.86	80.48 -2.67 43.61	71.66 -1.95 28.66	70.20 -1.22 4.81	58.97 -0.78 0.00	52.76 -0.91 2.83	44.70 -0.82 0.00	39.96 -0.69 0.00
SITHE_IND_GS3 24171	36.30 -0.91 0.66	33.92 -1.04 1.01	32.49 -1.09 0.37	30.89 -1.02 0.00	30.39 -1.01 0.00	32.29 -1.03 0.00	34.20 -1.04 0.61	35.94 -0.92 0.00	37.88 -0.85 0.00	39.26 -0.92 1.67	42.57 -0.87 0.21	46.27 -0.86 6.32	49.84 -0.87 7.54	57.97 -0.99 2.88	62.43 -1.08 4.02	71.35 -1.84 23.26	72.03 -2.45 36.86	80.48 -2.67 43.61	71.66 -1.95 28.66	70.20 -1.22 4.81	58.97 -0.78 0.00	52.76 -0.91 2.83	44.70 -0.82 0.00	39.96 -0.69 0.00
SITHE_IND_GS4 24172	36.30 -0.91 0.66	33.92 -1.04 1.01	32.49 -1.09 0.37	30.89 -1.02 0.00	30.39 -1.01 0.00	32.29 -1.03 0.00	34.20 -1.04 0.61	35.94 -0.92 0.00	37.88 -0.85 0.00	39.26 -0.92 1.67	42.57 -0.87 0.21	46.27 -0.86 6.32	49.84 -0.87 7.54	57.97 -0.99 2.88	62.43 -1.08 4.02	71.35 -1.84 23.26	72.03 -2.45 36.86	80.48 -2.67 43.61	71.66 -1.95 28.66	70.20 -1.22 4.81	58.97 -0.78 0.00	52.76 -0.91 2.83	44.70 -0.82 0.00	39.96 -0.69 0.00
SITHE___BATAVIA 24024	39.08 1.21 0.00	36.26 0.29 0.00	33.71 -0.24 0.00	31.34 -0.57 0.00	30.93 -0.47 0.00	32.99 -0.33 0.00	35.81 -0.04 0.00	37.19 0.33 0.00	40.05 1.32 0.00	43.56 1.72 0.00	46.05 2.40 0.00	57.23 3.79 0.00	62.79 4.55 0.00	66.16 4.33 0.00	71.72 4.19 0.00	99.91 3.47 0.00	113.23 1.89 0.00	130.30 3.54 0.00	106.57 4.29 0.00	81.57 5.33 0.00	65.48 5.74 0.00	60.57 4.07 0.00	48.30 2.78 0.00	43.78 3.13 0.00

SITHE___INDEPEND 23800	36.26 -0.95 0.66	33.92 -1.04 1.01	32.49 -1.09 0.37	30.90 -1.02 0.00	30.39 -1.00 0.00	32.26 -1.07 0.00	34.09 -1.15 0.61	35.94 -0.92 0.00	37.84 -0.89 0.00	39.30 -0.88 1.67	42.57 -0.87 0.21	46.27 -0.86 6.32	49.72 -0.99 7.54	57.97 -0.99 2.88	62.44 -1.08 4.02	71.35 -1.83 23.26	72.03 -2.45 36.86	80.49 -2.66 43.61	71.66 -1.94 28.66	70.20 -1.22 4.81	58.97 -0.78 0.00	52.77 -0.90 2.83	44.65 -0.86 0.00	39.96 -0.69 0.00
SITHE___MASSENA 23902	36.81 -1.06 0.00	35.65 -0.32 0.00	33.74 -0.20 0.00	31.63 -0.29 0.00	31.11 -0.28 0.00	33.05 -0.27 0.00	35.35 -0.50 0.00	36.12 -0.74 0.00	37.30 -1.43 0.00	40.30 -1.55 0.00	41.95 -1.70 0.00	50.98 -2.46 0.00	55.33 -2.91 0.01	56.89 -3.09 1.86	63.75 -3.78 0.00	91.14 -5.30 0.00	105.66 -5.67 0.00	120.16 -6.60 0.00	96.85 -5.42 0.00	72.12 -4.12 0.00	56.88 -2.87 0.00	54.07 -2.43 0.00	43.88 -1.64 0.00	39.27 -1.38 0.00
SITHE___OGDNSBRG 24021	37.30 -0.57 0.00	35.97 0.00 0.00	33.98 0.03 0.00	31.88 -0.03 0.00	31.30 -0.09 0.00	33.22 -0.10 0.00	35.81 -0.04 0.00	36.23 -0.63 0.00	37.53 -1.20 0.00	40.13 -1.72 0.00	41.69 -1.96 0.00	50.71 -2.73 0.00	55.03 -3.20 0.01	56.71 -3.46 1.66	63.28 -4.25 0.00	90.65 -5.79 0.00	105.10 -6.23 0.00	119.66 -7.10 0.00	96.85 -5.42 0.00	72.27 -3.96 0.00	57.23 -2.51 0.00	54.52 -1.98 0.00	44.20 -1.32 0.00	39.23 -1.42 0.00
SITHE___STERLING 23777	39.42 1.52 -0.04	37.22 1.19 -0.06	34.99 1.02 -0.02	32.87 0.96 0.00	32.31 0.91 0.00	34.32 1.00 0.00	37.14 1.25 -0.03	38.33 1.48 0.00	40.32 1.59 0.00	43.62 1.68 -0.09	45.50 1.83 -0.01	56.36 2.56 -0.36	61.58 2.91 -0.43	65.09 3.09 -0.16	71.07 3.31 -0.23	102.39 4.63 -1.32	118.55 5.12 -2.09	135.31 6.08 -2.47	109.01 5.11 -1.62	80.70 4.19 -0.27	63.21 3.46 0.00	59.70 3.05 -0.16	47.75 2.23 0.00	42.40 1.75 0.00
SLEIGHT___34_KV_TB1 80719	38.20 0.30 -0.02	35.90 -0.11 -0.04	33.55 -0.41 -0.01	31.34 -0.57 0.00	30.89 -0.50 0.00	32.76 -0.57 0.00	35.34 -0.54 -0.02	37.01 0.15 0.00	39.35 0.62 0.00	42.83 0.92 -0.06	44.93 1.27 -0.01	55.87 2.19 -0.24	60.74 2.21 -0.28	64.48 2.54 -0.11	70.25 2.57 -0.15	99.73 2.41 -0.88	114.51 1.78 -1.39	131.07 2.66 -1.65	105.91 2.56 -1.08	79.39 2.97 -0.18	62.73 2.99 0.00	58.69 2.09 -0.11	46.84 1.32 0.00	42.07 1.42 0.00
SOUTH CAIRO___GT 23612	40.67 2.80 0.00	38.56 2.59 0.00	36.25 2.31 0.00	34.06 2.14 0.00	33.50 2.10 0.00	35.56 2.23 0.00	37.82 1.97 0.00	38.81 1.95 0.00	40.83 2.09 0.00	44.11 2.26 0.00	45.92 2.27 0.00	56.00 2.57 0.00	60.52 2.27 0.00	64.56 2.72 0.00	70.77 3.24 0.00	101.55 5.11 0.00	115.87 6.79 2.26	123.36 9.00 12.40	123.49 6.24 -14.98	101.39 4.96 -20.21	83.68 3.76 -20.18	60.22 3.73 0.00	48.93 3.41 0.00	43.74 3.09 0.00
SOUTH HAMPTN___IC 23720	45.67 4.58 -3.22	44.04 3.67 -4.39	40.43 3.29 -3.19	37.37 3.19 -2.26	35.41 3.11 -0.90	38.60 3.30 -1.98	39.65 3.80 0.00	42.40 4.31 -1.23	44.71 5.07 -0.90	46.91 5.06 0.00	49.64 5.98 0.00	65.01 7.48 -4.09	70.32 8.62 -3.45	82.46 9.46 -11.17	93.19 11.08 -14.58	127.89 16.20 -15.25	154.06 18.37 -24.36	212.18 20.41 -65.01	173.52 16.26 -54.99	132.69 11.13 -45.32	82.16 7.89 -14.53	74.10 7.40 -10.21	50.53 5.01 0.00	44.35 3.70 0.00
SOUTHDOW___115KV_TB1 355954	40.37 2.50 0.00	37.38 1.40 0.00	34.69 0.75 0.00	32.30 0.38 0.00	31.74 0.35 0.00	33.69 0.37 0.00	36.53 0.68 0.00	39.00 2.14 0.00	42.03 3.29 0.00	45.95 4.10 0.00	48.63 4.98 0.00	60.39 6.95 0.00	65.76 7.51 0.00	70.24 8.41 0.00	76.24 8.71 0.00	105.22 8.78 0.00	119.13 7.79 0.00	136.14 9.38 0.00	111.27 9.00 0.00	85.08 8.84 0.00	68.05 8.30 0.00	62.77 6.27 0.00	49.98 4.46 0.00	45.08 4.43 0.00
SOUTHOLD_69_KV_BK 2 55809	46.58 5.49 -3.22	44.75 4.39 -4.39	41.21 4.07 -3.19	38.07 3.89 -2.26	36.10 3.80 -0.90	39.47 4.17 -1.98	40.22 4.37 0.00	43.39 5.31 -1.23	45.87 6.24 -0.90	48.33 6.49 0.00	51.38 7.73 0.00	67.31 9.78 -4.10	72.77 11.07 -3.45	85.06 12.06 -11.17	95.96 13.84 -14.59	131.85 20.16 -15.26	158.75 23.05 -24.37	217.31 25.48 -65.07	177.53 20.25 -55.01	135.38 13.80 -45.35	84.08 9.80 -14.53	75.74 9.04 -10.21	51.62 6.10 0.00	45.57 4.92 0.00
SOUTHOLD___IC 23719	46.62 5.53 -3.22	44.86 4.50 -4.39	41.21 4.07 -3.19	38.07 3.89 -2.26	36.10 3.80 -0.90	39.40 4.10 -1.98	40.51 4.66 0.00	43.39 5.31 -1.23	45.95 6.32 -0.90	48.37 6.53 0.00	51.38 7.73 0.00	67.32 9.78 -4.10	72.71 11.01 -3.45	85.07 12.06 -11.17	96.03 13.91 -14.59	131.85 20.16 -15.26	158.75 23.05 -24.37	217.32 25.49 -65.07	177.53 20.25 -55.01	135.38 13.80 -45.35	84.08 9.80 -14.53	75.80 9.10 -10.21	51.71 6.19 0.00	45.44 4.79 0.00
SOUTH_FORK_WT_PWR 323839	46.66 5.57 -3.22	44.90 4.53 -4.39	41.24 4.11 -3.19	38.10 3.92 -2.26	36.16 3.86 -0.90	39.47 4.16 -1.98	40.62 4.77 0.00	43.50 5.42 -1.23	46.10 6.47 -0.90	48.59 6.74 0.00	51.65 7.99 0.00	67.63 10.10 -4.09	73.06 11.36 -3.45	85.31 12.31 -11.17	96.30 14.19 -14.58	132.23 20.54 -15.25	159.09 23.39 -24.36	217.52 25.72 -65.04	177.63 20.36 -55.00	135.28 13.72 -45.33	83.95 9.68 -14.53	75.62 8.92 -10.21	51.58 6.05 0.00	45.32 4.67 0.00
SPIERFLS_115KV_TB 1 80737	40.75 2.88 0.00	38.53 2.55 0.00	36.19 2.24 0.00	33.93 2.01 0.00	33.37 1.98 0.00	35.56 2.23 0.00	38.22 2.37 0.00	39.25 2.40 0.00	41.48 2.75 0.00	45.07 3.22 0.00	46.62 2.97 0.00	57.39 3.95 0.00	62.67 4.43 0.00	66.41 4.58 0.00	72.73 5.20 0.00	104.44 8.00 0.00	120.58 9.24 0.00	143.06 12.30 -4.00	175.46 10.43 -62.76	138.68 7.85 -54.59	120.77 6.51 -54.51	62.26 5.76 0.00	49.62 4.10 0.00	44.06 3.41 0.00
ST LAWRENCE____ 23600	36.66 -1.21 0.00	35.29 -0.68 0.00	33.40 -0.54 0.00	31.37 -0.54 0.00	30.86 -0.53 0.00	32.76 -0.57 0.00	35.06 -0.79 0.00	35.83 -1.03 0.00	37.42 -1.32 0.00	40.42 -1.42 0.00	42.08 -1.57 0.00	51.20 -2.24 0.00	55.62 -2.62 0.01	57.17 -2.72 1.95	64.36 -3.17 0.00	92.00 -4.43 0.00	106.44 -4.90 0.00	121.06 -5.70 0.00	97.67 -4.60 0.00	72.73 -3.51 0.00	57.12 -2.63 0.00	54.23 -2.26 0.00	43.92 -1.59 0.00	39.27 -1.38 0.00
STATE_CA_115KV_115_LB 55624	39.27 1.40 0.00	37.12 1.15 0.00	35.03 1.09 0.00	32.94 1.02 0.00	32.37 0.97 0.00	34.42 1.10 0.00	36.93 1.08 0.00	38.08 1.22 0.00	40.05 1.32 0.00	43.31 1.46 0.00	45.18 1.53 0.00	55.36 1.92 0.00	60.17 1.92 0.00	64.00 2.16 0.00	70.03 2.50 0.00	100.39 3.95 0.00	116.01 4.68 0.00	132.34 5.58 0.00	149.80 4.30 -43.23	116.81 2.97 -37.61	99.39 2.09 -37.55	58.47 1.98 0.00	47.11 1.59 0.00	42.07 1.42 0.00
STATE_ST_34_KV_LOAD 55959	38.50 0.53 -0.10	36.42 0.29 -0.16	34.11 0.10 -0.06	31.92 0.00 0.00	31.40 0.00 0.00	33.36 0.03 0.00	36.13 0.18 -0.10	37.52 0.66 0.00	39.55 0.81 0.00	43.16 1.05 -0.27	44.86 1.18 -0.03	56.31 1.87 -1.00	61.42 1.98 -1.20	64.52 2.23 -0.46	70.60 2.43 -0.64	103.03 2.89 -3.69	120.09 2.89 -5.86	137.24 3.55 -6.93	109.99 3.17 -4.55	79.90 2.90 -0.76	62.25 2.51 0.00	58.98 2.03 -0.45	46.84 1.32 0.00	41.79 1.14 0.00

STATION 5_MISC_HYD 23604	38.47 0.60 0.00	35.97 0.00 0.00	33.57 -0.37 0.00	31.31 -0.61 0.00	30.86 -0.53 0.00	32.86 -0.47 0.00	35.60 -0.25 0.00	36.90 0.04 0.00	39.47 0.73 0.00	42.93 1.09 0.00	45.22 1.57 0.00	56.06 2.62 0.00	61.33 3.08 0.00	64.74 2.91 0.00	70.37 2.84 0.00	98.85 2.41 0.00	112.56 1.23 0.00	129.16 2.40 0.00	104.93 2.65 0.00	79.67 3.43 0.00	63.45 3.71 0.00	59.04 2.54 0.00	47.25 1.73 0.00	42.60 1.95 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	38.61 0.72 -0.03	36.30 0.29 -0.04	33.89 -0.07 -0.02	31.69 -0.22 0.00	31.24 -0.16 0.00	33.09 -0.23 0.00	35.70 -0.18 -0.02	37.41 0.55 0.00	39.82 1.08 0.00	43.34 1.42 -0.07	45.49 1.83 -0.01	56.63 2.94 -0.25	61.52 2.97 -0.30	65.35 3.40 -0.12	71.14 3.44 -0.16	100.85 3.47 -0.94	115.72 2.89 -1.48	132.57 4.06 -1.76	107.31 3.89 -1.15	80.47 4.04 -0.19	63.69 3.94 0.00	59.55 2.94 -0.11	47.43 1.91 0.00	42.64 1.99 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	38.21 0.34 0.00	35.79 -0.18 0.00	33.40 -0.54 0.00	31.18 -0.73 0.00	30.74 -0.66 0.00	32.52 -0.80 0.00	35.03 -0.82 0.00	36.79 -0.07 0.00	39.28 0.54 0.00	42.73 0.88 0.00	45.01 1.35 0.00	55.79 2.35 0.00	60.57 2.33 0.00	64.49 2.66 0.00	70.10 2.57 0.00	98.56 2.12 0.00	112.45 1.11 0.00	128.79 2.03 0.00	104.62 2.35 0.00	79.28 3.05 0.00	63.09 3.35 0.00	58.76 2.26 0.00	46.93 1.41 0.00	42.32 1.67 0.00
STA_56____34_KV_BUS2 355983	38.21 0.34 0.00	35.79 -0.18 0.00	33.40 -0.54 0.00	31.18 -0.73 0.00	30.74 -0.66 0.00	32.52 -0.80 0.00	35.03 -0.82 0.00	36.79 -0.07 0.00	39.28 0.54 0.00	42.73 0.88 0.00	45.01 1.35 0.00	55.79 2.35 0.00	60.57 2.33 0.00	64.49 2.66 0.00	70.10 2.57 0.00	98.56 2.12 0.00	112.45 1.11 0.00	128.79 2.03 0.00	104.62 2.35 0.00	79.28 3.05 0.00	63.09 3.35 0.00	58.76 2.26 0.00	46.93 1.41 0.00	42.32 1.67 0.00
STA_67____115KV_BK2 355882	38.29 0.42 0.00	35.87 -0.11 0.00	33.47 -0.48 0.00	31.25 -0.67 0.00	30.77 -0.63 0.00	32.56 -0.77 0.00	35.06 -0.79 0.00	36.79 -0.07 0.00	39.31 0.58 0.00	42.77 0.92 0.00	45.05 1.40 0.00	55.90 2.46 0.00	60.63 2.39 0.00	64.49 2.66 0.00	70.16 2.63 0.00	98.46 2.03 0.00	112.23 0.89 0.00	128.66 1.90 0.00	104.52 2.25 0.00	79.44 3.20 0.00	63.21 3.47 0.00	58.87 2.37 0.00	47.07 1.55 0.00	42.48 1.83 0.00
STA_7____115KV_9TRANS 80674	38.66 0.80 0.00	36.15 0.18 0.00	33.74 -0.20 0.00	31.47 -0.45 0.00	31.02 -0.38 0.00	32.82 -0.50 0.00	35.31 -0.54 0.00	37.12 0.26 0.00	39.70 0.97 0.00	43.23 1.38 0.00	45.53 1.88 0.00	56.49 3.05 0.00	61.21 2.97 0.00	65.24 3.40 0.00	70.91 3.38 0.00	99.53 3.09 0.00	113.34 2.00 0.00	130.06 3.30 0.00	105.65 3.37 0.00	80.20 3.96 0.00	63.87 4.12 0.00	59.49 2.99 0.00	47.52 2.00 0.00	42.89 2.24 0.00
STA_82____115KV_TB1 80780	38.32 0.45 0.00	35.87 -0.11 0.00	33.47 -0.48 0.00	31.25 -0.67 0.00	30.80 -0.60 0.00	32.56 -0.77 0.00	35.06 -0.79 0.00	36.79 -0.07 0.00	39.35 0.62 0.00	42.81 0.96 0.00	45.05 1.40 0.00	55.90 2.46 0.00	60.63 2.39 0.00	64.56 2.72 0.00	70.16 2.63 0.00	98.56 2.12 0.00	112.23 0.89 0.00	128.79 2.03 0.00	104.62 2.35 0.00	79.44 3.20 0.00	63.27 3.52 0.00	58.92 2.43 0.00	47.07 1.55 0.00	42.48 1.83 0.00
STEEL____WIND 323596	38.67 0.80 0.00	35.79 -0.18 0.00	33.27 -0.68 0.00	30.96 -0.96 0.00	30.48 -0.91 0.00	32.52 -0.80 0.00	35.46 -0.39 0.00	36.71 -0.15 0.00	39.74 1.01 0.00	43.31 1.46 0.00	45.79 2.14 0.00	57.02 3.58 0.00	62.73 4.49 0.00	65.98 4.14 0.00	71.72 4.19 0.00	99.24 2.80 0.00	112.45 1.11 0.00	128.78 2.02 0.00	105.44 3.17 0.00	80.81 4.57 0.00	64.58 4.84 0.00	59.77 3.28 0.00	47.75 2.23 0.00	43.29 2.64 0.00
STEPHTWN_115KV_BK_2 55603	39.53 1.67 0.00	37.34 1.37 0.00	35.20 1.26 0.00	33.10 1.18 0.00	32.53 1.13 0.00	34.59 1.27 0.00	37.10 1.25 0.00	38.26 1.40 0.00	40.28 1.55 0.00	43.56 1.72 0.00	45.44 1.79 0.00	55.63 2.19 0.00	60.46 2.21 0.00	64.31 2.47 0.00	70.43 2.90 0.00	101.07 4.63 0.00	116.79 5.46 0.00	118.35 6.59 15.00	141.56 5.01 -34.28	109.56 3.51 -29.82	92.03 2.51 -29.78	58.87 2.37 0.00	47.48 1.96 0.00	42.40 1.75 0.00
STEUBEN_REC_LFGE 323667	39.38 1.48 -0.03	36.82 0.79 -0.05	34.27 0.31 -0.02	31.98 0.06 0.00	31.49 0.09 0.00	33.42 0.10 0.00	36.24 0.36 -0.03	38.15 1.29 0.00	40.67 1.94 0.00	44.36 2.43 -0.09	46.59 2.92 -0.01	58.26 4.49 -0.33	63.29 4.66 -0.39	67.18 5.19 -0.15	73.28 5.54 -0.21	102.95 5.30 -1.20	118.03 4.79 -1.91	135.23 6.21 -2.26	109.99 6.24 -1.48	83.04 6.56 -0.25	65.78 6.03 0.00	61.22 4.58 -0.15	48.89 3.37 0.00	43.98 3.33 0.00
STILLWATER____SOLAR 323814	40.78 2.92 0.00	38.57 2.59 0.00	36.26 2.31 0.00	34.02 2.11 0.00	33.44 2.04 0.00	35.56 2.23 0.00	38.32 2.47 0.00	39.29 2.43 0.00	41.44 2.71 0.00	44.90 3.05 0.00	46.66 3.01 0.00	57.34 3.90 0.00	62.55 4.31 0.00	66.53 4.70 0.00	72.80 5.27 0.00	104.44 8.00 0.00	120.69 9.35 0.00	143.50 11.79 -4.95	171.64 9.61 -59.76	135.38 7.16 -51.98	117.33 5.68 -51.91	61.64 5.14 0.00	49.29 3.78 0.00	43.82 3.17 0.00
STONY____BROOK 24151	45.02 3.94 -3.22	43.49 3.13 -4.39	39.95 2.82 -3.19	36.92 2.75 -2.26	35.00 2.70 -0.90	38.13 2.83 -1.98	39.11 3.26 0.00	41.77 3.69 -1.23	43.74 4.10 -0.90	45.82 3.98 0.00	47.85 4.19 0.00	62.48 4.97 -4.07	67.74 5.88 -3.61	79.95 6.49 -11.63	90.47 7.83 -15.11	123.91 11.86 -15.61	151.86 13.58 -26.94	228.76 14.95 -87.05	174.85 11.55 -61.03	141.07 8.08 -56.76	81.95 5.49 -16.71	72.02 5.31 -10.21	49.26 3.73 0.00	43.54 2.89 0.00
STURGEON_POOL_HYD 23609	40.06 2.20 0.00	37.63 1.65 0.00	35.51 1.56 0.00	33.48 1.56 0.00	32.93 1.54 0.00	34.92 1.60 0.00	37.50 1.65 0.00	39.07 2.21 0.00	41.29 2.56 0.00	44.65 2.80 0.00	46.58 2.92 0.00	56.75 3.31 0.00	62.55 4.31 0.00	66.35 4.51 0.00	73.00 5.47 0.00	104.93 8.49 0.00	121.22 10.47 0.58	135.19 11.03 2.59	117.16 7.36 -7.53	89.42 4.80 -8.38	70.98 2.87 -8.37	59.72 3.22 0.00	47.89 2.37 0.00	42.84 2.20 0.00
ST_LAW_115_BK7_LBMP 345037	36.54 -1.33 0.00	35.25 -0.72 0.00	33.37 -0.58 0.00	31.34 -0.57 0.00	30.83 -0.56 0.00	32.72 -0.60 0.00	34.99 -0.86 0.00	35.79 -1.07 0.00	37.26 -1.47 0.00	40.30 -1.55 0.00	41.95 -1.70 0.00	50.98 -2.46 0.00	55.38 -2.85 0.01	56.94 -2.97 1.93	64.02 -3.51 0.00	91.52 -4.91 0.00	106.00 -5.34 0.00	120.55 -6.21 0.00	97.26 -5.01 0.00	72.35 -3.89 0.00	56.88 -2.87 0.00	54.01 -2.48 0.00	43.79 -1.73 0.00	39.15 -1.50 0.00
ST_LAW_115_BK8_LBMP 345038	36.54 -1.33 0.00	35.25 -0.72 0.00	33.37 -0.58 0.00	31.34 -0.57 0.00	30.83 -0.56 0.00	32.72 -0.60 0.00	34.99 -0.86 0.00	35.79 -1.07 0.00	37.26 -1.47 0.00	40.30 -1.55 0.00	41.95 -1.70 0.00	50.98 -2.46 0.00	55.38 -2.85 0.01	56.94 -2.97 1.93	64.02 -3.51 0.00	91.52 -4.91 0.00	106.00 -5.34 0.00	120.55 -6.21 0.00	97.26 -5.01 0.00	72.35 -3.89 0.00	56.88 -2.87 0.00	54.01 -2.48 0.00	43.79 -1.73 0.00	39.15 -1.50 0.00

ST_LAW_230_BK5_LBMP 345035	36.66 -1.21 0.00	35.29 -0.68 0.00	33.40 -0.54 0.00	31.37 -0.54 0.00	30.86 -0.53 0.00	32.76 -0.57 0.00	35.06 -0.79 0.00	35.83 -1.03 0.00	37.42 -1.32 0.00	40.42 -1.42 0.00	42.08 -1.57 0.00	51.20 -2.24 0.00	55.62 -2.62 0.01	57.15 -2.72 1.97	64.36 -3.17 0.00	92.00 -4.43 0.00	106.44 -4.90 0.00	121.06 -5.70 0.00	97.67 -4.60 0.00	72.73 -3.51 0.00	57.12 -2.63 0.00	54.23 -2.26 0.00	43.92 -1.59 0.00	39.27 -1.38 0.00
ST_LAW_230_BK6_LBMP 345036	36.66 -1.21 0.00	35.29 -0.68 0.00	33.40 -0.54 0.00	31.37 -0.54 0.00	30.86 -0.53 0.00	32.76 -0.57 0.00	35.06 -0.79 0.00	35.83 -1.03 0.00	37.42 -1.32 0.00	40.42 -1.42 0.00	42.08 -1.57 0.00	51.20 -2.24 0.00	55.62 -2.62 0.01	57.15 -2.72 1.97	64.36 -3.17 0.00	92.00 -4.43 0.00	106.44 -4.90 0.00	121.06 -5.70 0.00	97.67 -4.60 0.00	72.73 -3.51 0.00	57.12 -2.63 0.00	54.23 -2.26 0.00	43.92 -1.59 0.00	39.27 -1.38 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	40.10 2.23 0.00	37.59 1.62 0.00	35.44 1.49 0.00	33.45 1.53 0.00	32.90 1.51 0.00	34.92 1.60 0.00	37.53 1.68 0.00	38.92 2.06 0.00	41.10 2.36 0.00	44.40 2.55 0.00	46.32 2.66 0.00	56.59 3.15 0.00	61.97 3.73 0.00	65.79 3.96 0.00	72.33 4.79 0.00	103.86 7.43 0.00	120.13 8.80 0.00	136.87 9.38 -0.73	114.64 7.06 -5.31	85.58 4.73 -4.62	67.35 2.99 -4.61	59.43 2.94 0.00	47.79 2.28 0.00	42.76 2.11 0.00
SWANROAD_115KV_TB1 355699	37.38 -0.49 0.00	34.71 -1.26 0.00	32.28 -1.66 0.00	30.00 -1.92 0.00	29.61 -1.79 0.00	31.12 -2.20 0.00	33.56 -2.29 0.00	35.27 -1.58 0.00	38.23 -0.50 0.00	41.68 -0.17 0.00	44.05 0.39 0.00	54.88 1.44 0.00	59.53 1.28 0.00	63.26 1.42 0.00	68.75 1.22 0.00	95.09 -1.35 0.00	107.55 -3.79 0.00	123.59 -3.17 0.00	101.15 -1.12 0.00	77.91 1.68 0.00	62.43 2.69 0.00	57.79 1.30 0.00	46.11 0.59 0.00	42.11 1.46 0.00
SYNERGY___BIOGAS 323694	39.08 1.21 0.00	36.26 0.29 0.00	33.71 -0.24 0.00	31.34 -0.57 0.00	30.93 -0.47 0.00	32.99 -0.33 0.00	35.81 -0.04 0.00	37.19 0.33 0.00	40.05 1.32 0.00	43.56 1.72 0.00	46.05 2.40 0.00	57.23 3.79 0.00	62.79 4.55 0.00	66.16 4.33 0.00	71.72 4.19 0.00	99.91 3.47 0.00	113.23 1.89 0.00	130.30 3.54 0.00	106.57 4.29 0.00	81.57 5.33 0.00	65.48 5.74 0.00	60.57 4.07 0.00	48.30 2.78 0.00	43.78 3.13 0.00
SYRACUSE___ENERGY_ST1 323597	37.96 -0.04 -0.13	35.95 -0.22 -0.19	33.68 -0.34 -0.07	31.57 -0.35 0.00	31.05 -0.35 0.00	32.96 -0.37 0.00	35.64 -0.32 -0.12	36.90 0.04 0.00	38.85 0.12 0.00	42.41 0.25 -0.32	44.04 0.35 -0.04	55.33 0.69 -1.20	60.43 0.76 -1.43	63.25 0.87 -0.55	69.31 1.01 -0.76	101.81 0.96 -4.41	119.22 0.89 -6.99	136.17 1.14 -8.27	108.73 1.02 -5.43	78.29 1.14 -0.91	60.76 1.02 0.00	57.77 0.73 -0.54	45.93 0.41 0.00	41.02 0.37 0.00
SYRACUSE___ENERGY_ST2 323598	37.96 -0.04 -0.13	35.95 -0.22 -0.19	33.68 -0.34 -0.07	31.57 -0.35 0.00	31.05 -0.35 0.00	32.96 -0.37 0.00	35.64 -0.32 -0.12	36.90 0.04 0.00	38.85 0.12 0.00	42.41 0.25 -0.32	44.04 0.35 -0.04	55.33 0.69 -1.20	60.43 0.76 -1.43	63.25 0.87 -0.55	69.31 1.01 -0.76	101.81 0.96 -4.41	119.22 0.89 -6.99	136.17 1.14 -8.27	108.73 1.02 -5.43	78.29 1.14 -0.91	60.76 1.02 0.00	57.77 0.73 -0.54	45.93 0.41 0.00	41.02 0.37 0.00
SYRACUSE___POWER 24017	38.03 0.08 -0.08	35.96 -0.14 -0.13	33.72 -0.27 -0.05	31.63 -0.29 0.00	31.11 -0.28 0.00	33.06 -0.27 0.00	35.71 -0.22 -0.08	37.01 0.15 0.00	38.97 0.23 0.00	42.39 0.33 -0.21	44.16 0.48 -0.03	55.13 0.91 -0.79	60.17 0.99 -0.94	63.31 1.11 -0.36	69.31 1.28 -0.50	100.69 1.35 -2.90	117.26 1.34 -4.59	133.84 1.65 -5.43	107.27 1.43 -3.57	78.28 1.45 -0.60	61.06 1.31 0.00	57.81 0.96 -0.35	46.07 0.55 0.00	41.14 0.49 0.00
TALLMAN___138KV_BK151 55660	40.25 2.39 0.00	37.70 1.73 0.00	35.54 1.60 0.00	33.54 1.63 0.00	33.00 1.60 0.00	35.06 1.73 0.00	37.68 1.83 0.00	39.14 2.29 0.00	41.37 2.63 0.00	44.69 2.85 0.00	46.58 2.92 0.00	56.91 3.47 0.00	62.38 4.14 0.00	66.16 4.33 0.00	72.87 5.33 0.00	104.64 8.20 0.00	121.02 9.69 0.00	137.83 10.27 -0.80	115.44 7.67 -5.50	86.05 5.03 -4.78	67.69 3.17 -4.78	59.66 3.16 0.00	47.98 2.46 0.00	42.93 2.28 0.00
TEALLAVE_115KV_TB7 355573	37.94 0.00 -0.07	35.86 -0.22 -0.10	33.65 -0.34 -0.04	31.57 -0.35 0.00	31.05 -0.35 0.00	32.96 -0.37 0.00	35.59 -0.32 -0.06	36.90 0.04 0.00	38.85 0.12 0.00	42.27 0.25 -0.17	44.07 0.39 -0.02	54.84 0.75 -0.65	59.89 0.87 -0.78	63.12 0.99 -0.30	69.03 1.08 -0.41	99.90 1.06 -2.40	116.14 1.00 -3.80	132.39 1.14 -4.49	106.25 1.02 -2.95	77.87 1.14 -0.50	60.82 1.08 0.00	57.52 0.73 -0.29	45.93 0.41 0.00	41.02 0.37 0.00
TELGRAPH_34_KV_EAST 80808	38.25 0.38 0.00	35.54 -0.43 0.00	33.06 -0.88 0.00	30.74 -1.18 0.00	30.33 -1.07 0.00	31.96 -1.37 0.00	34.45 -1.40 0.00	36.34 -0.52 0.00	39.28 0.54 0.00	42.77 0.92 0.00	45.22 1.57 0.00	56.27 2.83 0.00	61.04 2.80 0.00	64.99 3.15 0.00	70.50 2.97 0.00	97.89 1.45 0.00	110.78 -0.56 0.00	127.39 0.63 0.00	104.21 1.94 0.00	79.89 3.66 0.00	64.11 4.36 0.00	59.32 2.82 0.00	47.34 1.82 0.00	43.05 2.40 0.00
TEMPLE___115KV_TB 2 55572	37.97 0.04 -0.07	35.90 -0.18 -0.10	33.68 -0.31 -0.04	31.60 -0.32 0.00	31.08 -0.31 0.00	32.99 -0.33 0.00	35.63 -0.29 -0.06	36.93 0.07 0.00	38.89 0.15 0.00	42.31 0.29 -0.17	44.11 0.44 -0.02	54.94 0.86 -0.65	59.95 0.93 -0.77	63.18 1.05 -0.30	69.09 1.15 -0.41	100.08 1.25 -2.39	116.24 1.11 -3.79	132.51 1.27 -4.48	106.34 1.12 -2.94	77.95 1.22 -0.49	60.88 1.14 0.00	57.58 0.79 -0.29	45.97 0.46 0.00	41.06 0.41 0.00
TIANA____69_KV_BK 1 55817	45.40 4.32 -3.22	43.71 3.35 -4.39	40.22 3.09 -3.19	37.21 3.03 -2.26	35.25 2.95 -0.90	38.50 3.20 -1.98	39.18 3.33 0.00	42.18 4.09 -1.23	44.32 4.69 -0.90	46.53 4.69 0.00	49.24 5.59 0.00	64.43 6.89 -4.09	69.79 8.10 -3.45	81.85 8.84 -11.17	92.45 10.33 -14.59	126.93 15.24 -15.26	152.96 17.26 -24.37	211.09 19.27 -65.06	172.62 15.34 -55.00	132.17 10.60 -45.34	81.75 7.47 -14.53	73.71 7.01 -10.21	50.21 4.69 0.00	44.27 3.62 0.00
TILDEN___115KV_TB1 80814	38.03 0.08 -0.08	35.96 -0.14 -0.13	33.72 -0.27 -0.05	31.63 -0.29 0.00	31.11 -0.28 0.00	33.06 -0.27 0.00	35.71 -0.22 -0.08	37.01 0.15 0.00	38.97 0.23 0.00	42.39 0.33 -0.21	44.16 0.48 -0.03	55.13 0.91 -0.79	60.17 0.99 -0.94	63.31 1.11 -0.36	69.31 1.28 -0.50	100.69 1.35 -2.90	117.26 1.34 -4.59	133.84 1.65 -5.43	107.27 1.43 -3.57	78.28 1.45 -0.60	61.06 1.31 0.00	57.81 0.96 -0.35	46.07 0.55 0.00	41.14 0.49 0.00
TRIGEN___CC 323695	44.53 3.45 -3.22	43.03 2.66 -4.39	39.58 2.44 -3.19	36.57 2.39 -2.26	34.65 2.35 -0.90	37.83 2.53 -1.98	38.54 2.69 0.00	41.37 3.28 -1.23	43.35 3.72 -0.90	45.61 3.77 0.00	47.54 3.89 0.00	71.30 4.76 -13.11	80.47 5.53 -16.69	116.08 5.87 -48.37	131.64 7.02 -57.08	151.20 10.70 -44.06	183.88 12.58 -59.96	188.75 13.56 -48.43	185.16 10.33 -72.56	88.23 6.94 -5.06	71.19 4.60 -6.84	71.27 4.58 -10.20	48.80 3.28 0.00	43.58 2.93 0.00

TRINITY__115KV__4 BK 55933	39.08 1.21 0.00	36.94 0.97 0.00	34.86 0.92 0.00	32.78 0.86 0.00	32.24 0.85 0.00	34.26 0.93 0.00	36.75 0.90 0.00	37.89 1.03 0.00	39.82 1.08 0.00	43.06 1.21 0.00	44.87 1.22 0.00	54.94 1.50 0.00	59.76 1.51 0.00	63.50 1.67 0.00	69.49 1.96 0.00	99.62 3.18 0.00	115.12 3.79 0.00	126.30 4.56 5.02	141.54 3.48 -35.79	109.73 2.36 -31.14	92.45 1.61 -31.09	58.08 1.58 0.00	46.79 1.27 0.00	41.83 1.18 0.00
UNION__PROCESSING_DRP 323587	38.32 0.45 0.00	35.87 -0.11 0.00	33.51 -0.44 0.00	31.25 -0.67 0.00	30.80 -0.60 0.00	32.59 -0.73 0.00	35.06 -0.79 0.00	36.82 -0.04 0.00	39.35 0.62 0.00	42.81 0.96 0.00	45.09 1.44 0.00	55.95 2.51 0.00	60.69 2.45 0.00	64.56 2.72 0.00	70.23 2.70 0.00	98.56 2.12 0.00	112.34 1.00 0.00	128.79 2.03 0.00	104.62 2.35 0.00	79.44 3.20 0.00	63.27 3.52 0.00	58.92 2.43 0.00	47.07 1.55 0.00	42.52 1.87 0.00
UPPER HUDSON__HYD 24058	40.78 2.92 0.00	38.57 2.59 0.00	36.19 2.24 0.00	33.93 2.01 0.00	33.38 1.98 0.00	35.52 2.20 0.00	38.32 2.47 0.00	39.25 2.39 0.00	41.52 2.79 0.00	45.07 3.22 0.00	46.62 2.97 0.00	57.39 3.95 0.00	62.61 4.37 0.00	66.41 4.58 0.00	72.73 5.20 0.00	104.44 8.00 0.00	120.57 9.24 0.00	143.05 12.29 -4.00	175.46 10.44 -62.76	138.68 7.85 -54.59	120.77 6.51 -54.51	62.26 5.77 0.00	49.62 4.10 0.00	44.02 3.37 0.00
UPPER RAQUET__HYD 24056	36.19 -1.70 -0.02	35.14 -0.86 -0.03	33.24 -0.71 -0.01	31.18 -0.73 0.00	30.58 -0.82 0.00	32.36 -0.97 0.00	34.69 -1.18 -0.02	35.42 -1.44 0.00	36.41 -2.32 0.00	39.35 -2.55 -0.05	40.86 -2.79 -0.01	49.85 -3.79 -0.21	54.05 -4.43 -0.24	55.63 -4.76 1.44	62.06 -5.60 -0.13	89.48 -7.72 -0.76	104.07 -8.47 -1.20	118.42 -9.76 -1.42	95.33 -7.87 -0.93	70.52 -5.87 -0.16	55.56 -4.18 0.00	52.97 -3.62 -0.09	42.88 -2.64 0.00	38.25 -2.40 0.00
VALLEY44_115KV_TB2 355964	38.32 0.45 0.00	35.51 -0.47 0.00	33.10 -0.85 0.00	30.86 -1.05 0.00	30.36 -1.04 0.00	32.22 -1.10 0.00	34.88 -0.97 0.00	37.12 0.26 0.00	39.90 1.16 0.00	43.48 1.63 0.00	45.70 2.05 0.00	56.91 3.47 0.00	61.91 3.67 0.00	66.04 4.20 0.00	71.85 4.32 0.00	99.43 2.99 0.00	112.78 1.45 0.00	128.91 2.15 0.00	105.24 2.97 0.00	80.50 4.27 0.00	64.11 4.36 0.00	59.38 2.88 0.00	47.39 1.87 0.00	42.93 2.28 0.00
VALLEY__115KV_TB 1-4 80826	38.89 1.02 0.00	36.80 0.83 0.00	34.73 0.78 0.00	32.65 0.73 0.00	32.12 0.72 0.00	34.09 0.77 0.00	36.71 0.86 0.00	37.82 0.96 0.00	39.82 1.08 0.00	42.98 1.13 0.00	44.92 1.27 0.00	55.10 1.66 0.00	60.11 1.86 0.00	63.91 1.98 -0.10	69.62 2.09 0.00	99.43 2.99 0.00	114.68 3.34 0.00	130.56 3.80 0.00	105.34 3.07 0.00	78.44 2.21 0.00	61.54 1.79 0.00	58.13 1.64 0.00	46.79 1.27 0.00	41.71 1.06 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	40.16 2.27 -0.02	37.88 1.87 -0.03	35.76 1.80 -0.01	33.64 1.72 0.00	33.03 1.63 0.00	35.06 1.73 0.00	37.84 1.97 -0.02	39.14 2.29 0.00	41.17 2.44 0.00	44.54 2.64 -0.05	46.45 2.79 -0.01	57.38 3.74 -0.20	62.74 4.25 -0.24	66.32 4.39 -0.09	72.46 4.79 -0.13	104.13 6.94 -0.75	120.21 7.68 -1.19	137.04 8.87 -1.41	118.85 7.26 -9.32	89.11 5.41 -7.46	71.34 4.30 -7.29	60.65 4.07 -0.09	48.52 3.00 0.00	43.21 2.56 0.00
VISCHER__FERRY HYD 24020	39.91 2.04 0.00	37.74 1.76 0.00	35.54 1.60 0.00	33.42 1.50 0.00	32.87 1.48 0.00	34.89 1.57 0.00	37.61 1.76 0.00	38.66 1.81 0.00	40.67 1.94 0.00	43.98 2.13 0.00	45.75 2.10 0.00	56.06 2.62 0.00	61.10 2.85 0.00	64.99 3.15 0.00	71.11 3.58 0.00	101.93 5.49 0.00	118.02 6.68 0.00	141.61 7.99 -6.86	161.51 6.34 -52.90	126.82 4.57 -46.02	109.10 3.40 -45.95	59.71 3.22 0.00	47.93 2.41 0.00	42.68 2.03 0.00
V_A_10_SYNC_DSASP 323832	37.76 -0.11 0.00	35.15 -0.83 0.00	32.73 -1.22 0.00	30.48 -1.44 0.00	30.02 -1.38 0.00	31.99 -1.33 0.00	34.78 -1.07 0.00	35.83 -1.03 0.00	38.66 -0.08 0.00	42.06 0.21 0.00	44.39 0.74 0.00	55.20 1.76 0.00	60.51 2.27 0.00	63.56 1.73 0.00	69.15 1.62 0.00	96.25 -0.19 0.00	109.22 -2.12 0.00	125.37 -1.39 0.00	102.27 0.00 0.00	78.37 2.13 0.00	62.61 2.87 0.00	58.13 1.64 0.00	46.48 0.96 0.00	42.15 1.50 0.00
V_CMM_10_SYNC_DSASP 323787	36.73 -1.14 0.00	35.44 -0.54 0.00	33.54 -0.41 0.00	31.47 -0.45 0.00	30.96 -0.44 0.00	32.89 -0.43 0.00	35.17 -0.68 0.00	35.97 -0.88 0.00	37.46 -1.28 0.00	40.51 -1.34 0.00	42.17 -1.48 0.00	51.25 -2.19 0.00	55.68 -2.56 0.01	57.19 -2.72 1.93	64.29 -3.24 0.00	91.91 -4.53 0.00	106.44 -4.90 0.00	120.93 -5.83 0.00	97.57 -4.70 0.00	72.65 -3.58 0.00	57.18 -2.57 0.00	54.29 -2.20 0.00	44.02 -1.50 0.00	39.35 -1.30 0.00
V_CMP_10_SYNC_DSASP 323788	37.42 -0.45 0.00	36.05 0.07 0.00	34.12 0.17 0.00	31.95 0.03 0.00	31.46 0.06 0.00	33.46 0.13 0.00	35.89 0.04 0.00	36.79 -0.07 0.00	38.46 -0.27 0.00	41.64 -0.21 0.00	43.35 -0.30 0.00	51.25 -2.19 0.00	54.86 -3.38 0.01	56.32 -3.59 1.93	63.01 -4.52 0.00	90.07 -6.37 0.00	104.66 -6.68 0.00	118.90 -7.86 0.00	95.83 -6.44 0.00	71.28 -4.95 0.00	56.34 -3.40 0.00	53.90 -2.60 0.00	44.79 -0.73 0.00	40.41 -0.24 0.00
V_D_10_SYNC_DSASP 323841	36.81 -1.06 0.00	35.65 -0.32 0.00	33.74 -0.20 0.00	31.63 -0.29 0.00	31.14 -0.25 0.00	33.05 -0.27 0.00	35.35 -0.50 0.00	36.16 -0.70 0.00	37.34 -1.39 0.00	40.34 -1.50 0.00	41.95 -1.70 0.00	51.04 -2.40 0.00	55.38 -2.85 0.01	56.94 -3.03 1.86	63.82 -3.71 0.00	91.23 -5.21 0.00	105.77 -5.56 0.00	120.16 -6.60 0.00	96.95 -5.32 0.00	72.19 -4.04 0.00	56.88 -2.87 0.00	54.12 -2.37 0.00	43.92 -1.59 0.00	39.27 -1.38 0.00
V_E_10_SYNC_DSASP 323830	41.93 4.01 -0.05	39.40 3.35 -0.08	36.93 2.95 -0.03	34.63 2.71 0.00	33.97 2.57 0.00	36.15 2.83 0.00	39.45 3.55 -0.05	40.84 3.98 0.00	42.88 4.15 0.00	46.24 4.27 -0.13	48.21 4.54 -0.02	60.27 6.36 -0.48	66.21 7.40 -0.57	69.66 7.60 -0.22	76.14 8.30 -0.30	109.95 11.76 -1.75	126.91 12.80 -2.78	145.38 15.33 -3.29	121.49 13.29 -5.93	90.70 10.82 -3.65	71.98 8.96 -3.28	64.79 8.08 -0.21	51.48 5.96 0.00	45.44 4.79 0.00
V_F_30_NSYNC__DSASP 323816	40.90 3.03 0.00	38.67 2.70 0.00	36.32 2.38 0.00	34.09 2.17 0.00	33.53 2.14 0.00	35.65 2.33 0.00	38.43 2.58 0.00	39.40 2.54 0.00	41.56 2.83 0.00	45.07 3.22 0.00	46.84 3.18 0.00	57.55 4.12 0.00	62.79 4.55 0.00	66.78 4.95 0.00	73.07 5.54 0.00	104.83 8.39 0.00	121.14 9.80 0.00	143.80 12.29 -4.75	172.68 10.03 -60.38	136.24 7.48 -52.53	118.11 5.92 -52.45	61.80 5.31 0.00	49.43 3.92 0.00	43.98 3.33 0.00
V_F_30_SYNC_DSASP 323786	39.27 1.40 0.00	37.12 1.15 0.00	35.03 1.09 0.00	32.94 1.02 0.00	32.37 0.97 0.00	34.39 1.07 0.00	36.93 1.08 0.00	38.08 1.22 0.00	40.05 1.32 0.00	43.31 1.46 0.00	45.18 1.53 0.00	55.31 1.87 0.00	60.17 1.92 0.00	64.00 2.16 0.00	70.03 2.50 0.00	100.39 3.95 0.00	116.01 4.68 0.00	132.34 5.58 0.00	149.08 4.19 -42.62	116.28 2.97 -37.07	98.85 2.09 -37.02	58.47 1.98 0.00	47.11 1.59 0.00	42.07 1.42 0.00

V_XM10_SYNC_DSASP 323789	37.42 -0.45 0.00	36.05 0.07 0.00	34.12 0.17 0.00	31.95 0.03 0.00	31.46 0.06 0.00	33.46 0.13 0.00	35.89 0.04 0.00	36.79 -0.07 0.00	38.46 -0.27 0.00	41.64 -0.21 0.00	43.35 -0.30 0.00	51.25 -2.19 0.00	54.86 -3.38 0.01	56.32 -3.59 1.93	63.01 -4.52 0.00	90.07 -6.37 0.00	104.66 -6.68 0.00	118.90 -7.86 0.00	95.83 -6.44 0.00	71.28 -4.95 0.00	56.34 -3.40 0.00	53.90 -2.60 0.00	44.79 -0.73 0.00	40.41 -0.24 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	40.37 2.50 0.00	37.81 1.83 0.00	35.64 1.70 0.00	33.64 1.72 0.00	33.09 1.70 0.00	35.12 1.80 0.00	37.75 1.90 0.00	39.22 2.36 0.00	41.48 2.75 0.00	44.82 2.97 0.00	46.71 3.06 0.00	57.07 3.63 0.00	62.55 4.31 0.00	66.35 4.51 0.00	73.07 5.54 0.00	104.93 8.49 0.00	121.36 10.02 0.00	138.35 10.77 -0.82	115.79 7.98 -5.54	86.32 5.26 -4.82	67.90 3.35 -4.82	59.77 3.28 0.00	48.11 2.59 0.00	43.05 2.40 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	41.01 3.14 0.00	38.28 2.30 0.00	36.09 2.14 0.00	34.02 2.11 0.00	33.47 2.07 0.00	35.59 2.27 0.00	38.29 2.44 0.00	39.88 3.02 0.00	42.22 3.49 0.00	45.53 3.68 0.00	47.36 3.71 0.00	57.82 4.38 0.00	63.31 5.07 0.00	67.09 5.26 0.00	74.01 6.48 0.00	106.47 10.03 0.00	123.14 11.80 0.00	140.22 12.55 -0.91	117.39 9.31 -5.82	87.39 6.10 -5.06	68.56 3.76 -5.05	60.34 3.84 0.00	48.61 3.10 0.00	43.66 3.01 0.00
W50THST__13_KV_LOAD 356117	41.24 3.37 0.00	38.53 2.55 0.00	36.29 2.34 0.00	34.25 2.33 0.00	33.66 2.26 0.00	35.79 2.47 0.00	38.57 2.72 0.00	40.18 3.32 0.00	42.57 3.83 0.00	45.95 4.10 0.00	47.76 4.10 0.00	58.30 4.86 0.00	63.84 5.59 0.00	67.71 5.87 0.00	74.69 7.16 0.00	107.43 10.99 0.00	124.25 12.92 0.00	141.36 13.69 -0.91	118.31 10.23 -5.82	88.00 6.71 -5.06	68.92 4.12 -5.05	60.73 4.24 0.00	48.98 3.46 0.00	43.98 3.33 0.00
WADING RIVER_IC_1 23522	44.72 3.64 -3.22	43.17 2.81 -4.39	39.61 2.48 -3.19	36.63 2.46 -2.26	34.72 2.42 -0.90	37.87 2.57 -1.98	38.79 2.94 0.00	41.44 3.35 -1.23	43.54 3.91 -0.90	45.57 3.72 0.00	48.15 4.50 -4.05	62.89 5.40 -4.05	68.15 6.46 -3.44	80.20 7.23 -11.13	90.58 8.51 -14.54	124.20 12.53 -15.23	149.65 14.03 -24.28	207.28 15.84 -64.67	169.96 12.78 -54.91	130.06 8.61 -45.22	80.35 6.10 -14.51	72.52 5.82 -10.21	49.39 3.87 0.00	43.25 2.60 0.00
WADING RIVER_IC_2 23547	44.72 3.64 -3.22	43.17 2.81 -4.39	39.61 2.48 -3.19	36.63 2.46 -2.26	34.72 2.42 -0.90	37.87 2.57 -1.98	38.79 2.94 0.00	41.44 3.35 -1.23	43.54 3.91 -0.90	45.57 3.72 0.00	48.15 4.50 -4.05	62.89 5.40 -4.05	68.15 6.46 -3.44	80.20 7.23 -11.13	90.58 8.51 -14.54	124.20 12.53 -15.23	149.65 14.03 -24.28	207.28 15.84 -64.67	169.96 12.78 -54.91	130.06 8.61 -45.22	80.35 6.10 -14.51	72.52 5.82 -10.21	49.39 3.87 0.00	43.25 2.60 0.00
WADING RIVER_IC_3 23601	44.72 3.64 -3.22	43.17 2.81 -4.39	39.61 2.48 -3.19	36.63 2.46 -2.26	34.72 2.42 -0.90	37.87 2.57 -1.98	38.79 2.94 0.00	41.44 3.35 -1.23	43.54 3.91 -0.90	45.57 3.72 0.00	48.15 4.50 -4.05	62.89 5.40 -4.05	68.15 6.46 -3.44	80.20 7.23 -11.13	90.58 8.51 -14.54	124.20 12.53 -15.23	149.65 14.03 -24.28	207.28 15.84 -64.67	169.96 12.78 -54.91	130.06 8.61 -45.22	80.35 6.10 -14.51	72.52 5.82 -10.21	49.39 3.87 0.00	43.25 2.60 0.00
WALDENNY_12_KV_BK2 80841	38.59 0.72 0.00	35.79 -0.18 0.00	33.30 -0.64 0.00	30.96 -0.96 0.00	30.49 -0.91 0.00	32.19 -1.13 0.00	34.77 -1.08 0.00	36.71 -0.15 0.00	39.74 1.01 0.00	43.35 1.51 0.00	45.84 2.18 0.00	57.13 3.69 0.00	62.09 3.84 0.00	66.10 4.27 0.00	71.85 4.32 0.00	99.43 2.99 0.00	112.56 1.22 0.00	129.04 2.28 0.00	105.54 3.27 0.00	80.88 4.65 0.00	64.64 4.90 0.00	59.83 3.33 0.00	47.70 2.18 0.00	43.33 2.68 0.00
WALDEN__HYDRO 24148	40.33 2.46 0.00	37.84 1.87 0.00	35.64 1.70 0.00	33.64 1.72 0.00	33.09 1.70 0.00	35.09 1.77 0.00	37.68 1.83 0.00	39.11 2.25 0.00	41.33 2.60 0.00	44.69 2.85 0.00	46.58 2.92 0.00	56.86 3.42 0.00	62.38 4.14 0.00	66.16 4.33 0.00	72.80 5.27 0.00	104.54 8.10 0.00	121.02 9.69 0.00	137.75 10.39 -0.60	115.95 7.87 -5.81	86.54 5.26 -5.05	68.19 3.41 -5.04	59.83 3.33 0.00	48.11 2.59 0.00	43.01 2.36 0.00
WARRENSBURG____ 23737	40.78 2.92 0.00	38.57 2.59 0.00	36.19 2.24 0.00	33.93 2.01 0.00	33.38 1.98 0.00	35.52 2.20 0.00	38.32 2.47 0.00	39.25 2.39 0.00	41.52 2.79 0.00	45.07 3.22 0.00	46.62 2.97 0.00	57.39 3.95 0.00	62.61 4.37 0.00	66.41 4.58 0.00	72.73 5.20 0.00	104.44 8.00 0.00	120.57 9.24 0.00	143.05 12.29 -4.00	175.46 10.44 -62.76	138.68 7.85 -54.59	120.77 6.51 -54.51	62.26 5.77 0.00	49.62 4.10 0.00	44.02 3.37 0.00
WATERSIDE____6 8 9 23538	41.16 3.29 0.01	38.38 2.41 0.00	36.15 2.21 0.00	34.09 2.17 0.00	33.50 2.10 0.00	35.65 2.33 0.00	38.29 2.44 0.00	39.81 2.95 0.00	42.18 3.45 0.00	45.45 3.60 0.00	47.19 3.54 0.00	55.10 4.01 2.34	59.18 4.78 3.84	67.47 4.64 -0.99	74.28 5.74 -1.01	106.69 9.26 -0.99	122.03 10.69 0.00	139.87 11.28 -1.82	117.73 8.39 -7.08	88.82 5.41 -7.17	63.68 3.23 -0.71	61.98 3.45 -2.04	48.48 2.96 0.00	43.78 3.13 0.00
WATKINRD_115KV_LN8_ILLION 55919	38.63 0.76 0.00	36.59 0.61 0.00	34.52 0.58 0.00	32.46 0.54 0.00	31.90 0.50 0.00	33.86 0.53 0.00	36.46 0.61 0.00	37.56 0.70 0.00	39.51 0.77 0.00	42.68 0.84 0.00	44.57 0.92 0.00	54.67 1.23 0.00	59.58 1.34 0.00	63.36 1.42 -0.10	69.08 1.55 0.00	98.66 2.22 0.00	113.79 2.45 0.00	129.55 2.79 0.00	104.62 2.35 0.00	77.99 1.75 0.00	61.12 1.37 0.00	57.74 1.24 0.00	46.47 0.96 0.00	41.46 0.81 0.00
WATSON__69_KV_BK 1 55734	45.59 4.51 -3.22	43.96 3.60 -4.39	40.46 3.33 -3.19	37.40 3.22 -2.26	35.44 3.14 -0.90	38.70 3.40 -1.98	39.40 3.55 0.00	42.32 4.24 -1.23	44.40 4.76 -0.90	46.53 4.69 0.00	48.78 5.11 -0.02	68.67 6.20 -9.03	69.93 7.11 -4.58	83.88 7.73 -14.32	94.96 9.25 -18.18	128.02 13.89 -17.69	154.16 16.03 -26.79	193.85 17.75 -49.34	164.48 13.81 -48.40	111.27 9.68 -25.35	77.15 6.69 -10.72	73.08 6.38 -10.20	50.04 4.51 -0.02	44.43 3.78 0.00
WDELAWARE__HYD 323627	39.46 1.59 0.00	37.12 1.15 0.00	34.86 0.92 0.00	32.91 0.99 0.00	32.34 0.94 0.00	34.22 0.90 0.00	36.89 1.04 0.00	38.15 1.29 0.00	40.40 1.66 0.00	43.64 1.80 0.00	45.49 1.83 0.00	55.52 2.08 0.00	60.93 2.68 0.00	64.80 2.97 0.00	71.31 3.78 0.00	102.62 6.18 0.00	118.71 7.57 0.20	134.47 8.12 0.41	113.81 6.03 -5.51	85.63 3.96 -5.43	67.56 2.39 -5.42	58.81 2.32 0.00	47.25 1.73 0.00	42.07 1.42 0.00
WEST BABYLON__IC 23714	45.40 4.32 -3.22	43.78 3.42 -4.39	40.33 3.19 -3.19	37.24 3.06 -2.26	35.31 3.01 -0.90	38.53 3.23 -1.98	39.26 3.41 0.00	42.07 3.98 -1.23	44.13 4.49 -0.90	46.28 4.44 0.00	48.46 4.80 -0.01	67.24 5.77 -8.02	71.86 6.64 -6.98	90.20 7.30 -21.07	102.14 8.71 -25.89	132.47 13.12 -22.92	159.25 15.25 -32.66	180.69 16.86 -37.07	163.03 13.09 -47.67	95.31 9.07 -10.00	73.74 6.21 -7.79	72.62 5.93 -10.20	49.76 4.23 -0.01	44.23 3.58 0.00

WEST CANADA___HYD 24049	38.29 0.42 0.00	36.26 0.29 0.00	34.19 0.24 0.00	32.17 0.25 0.00	31.65 0.25 0.00	33.59 0.27 0.00	36.17 0.32 0.00	37.23 0.37 0.00	39.16 0.43 0.00	42.31 0.46 0.00	44.13 0.48 0.00	54.08 0.64 0.00	58.95 0.70 0.00	62.68 0.74 -0.10	68.34 0.81 0.00	97.60 1.16 0.00	112.68 1.34 0.00	128.29 1.53 0.00	103.50 1.23 0.00	77.15 0.92 0.00	60.40 0.66 0.00	57.12 0.62 0.00	45.97 0.46 0.00	41.06 0.41 0.00
WESTERN_NY_WIND 24143	38.89 1.02 0.00	36.19 0.22 0.00	33.64 -0.31 0.00	31.28 -0.64 0.00	30.86 -0.53 0.00	32.59 -0.73 0.00	35.10 -0.75 0.00	37.12 0.26 0.00	39.97 1.24 0.00	43.48 1.63 0.00	45.97 2.31 0.00	57.18 3.74 0.00	61.97 3.73 0.00	66.10 4.27 0.00	71.65 4.12 0.00	99.72 3.28 0.00	113.01 1.67 0.00	130.06 3.30 0.00	106.36 4.09 0.00	81.49 5.26 0.00	65.36 5.62 0.00	60.51 4.01 0.00	48.20 2.69 0.00	43.74 3.09 0.00
WESTOVER___LESR 323668	38.75 0.83 -0.05	36.48 0.43 -0.07	34.24 0.27 -0.03	32.08 0.16 0.00	31.55 0.16 0.00	33.52 0.20 0.00	36.22 0.32 -0.04	37.71 0.85 0.00	39.86 1.12 0.00	43.30 1.34 -0.12	45.24 1.57 -0.01	56.24 2.35 -0.45	61.40 2.62 -0.54	64.88 2.84 -0.21	70.92 3.11 -0.29	101.67 3.57 -1.66	117.53 3.56 -2.63	134.06 4.18 -3.12	110.53 3.78 -4.47	82.27 3.58 -2.45	64.90 3.05 -2.10	59.24 2.54 -0.20	47.29 1.78 0.00	42.28 1.63 0.00
WETHRSFD_WT_PWR 323626	38.51 0.64 0.00	35.76 -0.21 0.00	33.34 -0.61 0.00	31.06 -0.86 0.00	30.55 -0.85 0.00	32.59 -0.73 0.00	35.53 -0.32 0.00	36.79 -0.07 0.00	39.58 0.85 0.00	43.10 1.25 0.00	45.49 1.83 0.00	56.54 3.10 0.00	62.03 3.78 0.00	65.30 3.46 0.00	71.04 3.51 0.00	98.75 2.31 0.00	112.22 0.89 0.00	128.53 1.77 0.00	105.03 2.76 0.00	80.35 4.11 0.00	64.05 4.30 0.00	59.43 2.94 0.00	47.57 2.05 0.00	42.97 2.32 0.00
WHAVSTOR_138KV_BK127 55557	40.18 2.31 0.00	37.63 1.65 0.00	35.47 1.53 0.00	33.51 1.60 0.00	32.97 1.57 0.00	34.99 1.67 0.00	37.61 1.76 0.00	39.07 2.21 0.00	41.29 2.56 0.00	44.57 2.72 0.00	46.45 2.79 0.00	56.75 3.31 0.00	62.20 3.96 0.00	65.92 4.08 0.00	72.53 5.00 0.00	104.25 7.81 0.00	120.58 9.24 0.00	137.47 9.89 0.00	115.19 7.36 -0.82	85.87 4.80 -5.55	67.49 2.93 -4.83	59.49 2.99 -4.82	47.84 2.32 0.00	42.80 2.15 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	40.18 2.31 0.00	37.63 1.65 0.00	35.47 1.53 0.00	33.51 1.60 0.00	32.97 1.57 0.00	34.99 1.67 0.00	37.61 1.76 0.00	39.07 2.21 0.00	41.29 2.56 0.00	44.57 2.72 0.00	46.45 2.79 0.00	56.75 3.31 0.00	62.20 3.96 0.00	65.92 4.08 0.00	72.53 5.00 0.00	104.25 7.81 0.00	120.58 9.24 0.00	137.47 9.89 -0.82	115.19 7.36 -5.55	85.87 4.80 -4.83	67.49 2.93 -4.82	59.49 2.99 0.00	47.84 2.32 0.00	42.80 2.15 0.00
WHITEHAL_115KV_TB1 80871	41.96 4.09 0.00	39.64 3.67 0.00	37.17 3.22 0.00	34.82 2.90 0.00	34.22 2.83 0.00	36.52 3.20 0.00	39.26 3.41 0.00	40.32 3.46 0.00	42.68 3.95 0.00	46.41 4.56 0.00	48.02 4.37 0.00	59.26 5.82 0.00	64.65 6.41 0.00	68.76 6.93 0.00	75.30 7.77 0.00	108.01 11.57 0.00	124.81 13.47 0.00	148.68 17.75 -4.17	179.11 14.62 -62.22	141.49 11.13 -54.12	122.93 9.14 -54.04	64.57 8.08 0.00	51.30 5.78 0.00	45.49 4.84 0.00
WHITEPLN_13_KV_LOAD 356215	41.20 3.33 0.00	38.49 2.52 0.00	36.29 2.34 0.00	34.21 2.30 0.00	33.63 2.23 0.00	35.79 2.47 0.00	38.57 2.72 0.00	40.21 3.35 0.00	42.61 3.87 0.00	45.99 4.14 0.00	47.84 4.19 0.00	58.57 5.13 0.00	64.24 6.00 0.00	68.27 6.43 0.00	75.16 7.63 0.00	108.01 11.57 0.00	125.03 13.69 0.00	142.62 14.96 -0.91	119.42 11.35 -5.80	88.75 7.47 -5.05	69.74 4.96 -5.04	61.30 4.80 0.00	49.16 3.64 0.00	43.98 3.33 0.00
WM_FLOYD_69_KV_BK2 356380	44.99 3.90 -3.22	43.39 3.02 -4.39	39.92 2.78 -3.19	36.92 2.74 -2.26	35.00 2.70 -0.90	38.23 2.93 -1.98	38.90 3.05 0.00	41.77 3.69 -1.23	43.78 4.14 -0.90	45.86 4.02 0.00	48.24 4.58 0.00	63.33 5.61 -4.27	68.40 6.64 -3.51	80.47 7.30 -11.34	90.95 8.64 -14.78	124.75 12.92 -15.39	150.79 14.70 -24.76	210.26 16.48 -67.02	170.87 13.09 -55.51	131.25 9.00 -46.02	80.68 6.27 -14.66	72.75 6.04 -10.21	49.48 3.96 0.00	43.74 3.09 0.00
WOODARD__115KV_TB2 355635	37.85 -0.11 -0.09	35.82 -0.29 -0.14	33.59 -0.41 -0.05	31.50 -0.41 0.00	31.02 -0.38 0.00	32.92 -0.40 0.00	35.54 -0.39 -0.08	36.82 -0.04 0.00	38.77 0.04 0.00	42.20 0.13 -0.23	43.90 0.22 -0.03	54.89 0.59 -0.87	59.92 0.64 -1.03	62.97 0.74 -0.39	68.89 0.81 -0.55	100.40 0.77 -3.19	117.06 0.67 -5.05	133.50 0.76 -5.98	106.92 0.72 -3.93	77.81 0.91 -0.66	60.64 0.90 0.00	57.45 0.56 -0.39	45.79 0.27 0.00	40.93 0.28 0.00
YORK___WARBASSE 23770	41.54 3.56 -0.11	38.64 2.66 -0.01	36.40 2.44 -0.01	34.32 2.39 -0.01	33.73 2.32 -0.01	35.90 2.57 -0.01	38.55 2.69 -0.01	39.99 3.13 0.00	42.30 3.56 0.00	45.61 3.77 0.00	47.45 3.80 0.00	74.27 4.38 -16.45	99.13 5.24 -35.65	74.03 5.13 -7.06	78.99 6.28 -5.18	111.58 9.93 -5.20	122.93 11.58 -0.02	144.57 12.17 -5.64	123.69 9.10 -12.32	98.02 5.87 -15.92	71.08 3.58 -7.75	70.84 3.84 -10.50	48.80 3.28 0.00	44.07 3.41 -0.01