

Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion								08/13/2025	
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	EDT	
59TH STREET_GT_1	24138	64.15	55.26	50.92	50.80	50.71	51.81	58.10	61.68	64.31	67.95	76.65	82.77	90.07	101.34	110.16	126.13	153.70	187.04	168.68	125.49	98.65	88.67	73.43	64.11	EDT	
		1.63	2.07	2.01	2.00	1.95	2.09	2.34	2.26	2.23	3.05	4.61	6.41	7.81	8.88	10.47	12.30	15.50	18.78	16.03	10.68	7.05	5.18	3.36	1.75	EDT	
		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	-3.05	-3.37	-4.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
74TH STREET_GT_1	24260	64.33	55.37	51.02	50.85	50.76	51.86	58.10	61.68	64.31	67.95	76.65	82.77	89.98	101.25	110.06	125.91	153.57	186.71	168.68	125.49	98.74	88.76	73.50	64.23	EDT	
		1.81	2.18	2.10	2.05	2.00	2.14	2.34	2.26	2.23	3.05	4.61	6.41	7.73	8.78	10.37	12.08	15.37	18.46	16.03	10.68	7.14	5.26	3.43	1.87	EDT	
		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	-3.05	-3.37	-4.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
74TH STREET_GT_2	24261	64.33	55.37	51.02	50.85	50.76	51.86	58.10	61.68	64.31	67.95	76.65	82.77	89.98	101.25	110.06	125.91	153.57	186.71	168.68	125.49	98.74	88.76	73.50	64.23	EDT	
		1.81	2.18	2.10	2.05	2.00	2.14	2.34	2.26	2.23	3.05	4.61	6.41	7.73	8.78	10.37	12.08	15.37	18.46	16.03	10.68	7.14	5.26	3.43	1.87	EDT	
		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	-3.05	-3.37	-4.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
ADK HUDSON___FALLS	24011	65.52	55.64	51.06	50.90	50.95	51.95	58.37	62.03	64.56	67.56	74.78	80.10	86.61	97.46	104.88	129.56	172.69	210.61	191.70	149.66	113.32	97.07	74.27	65.54	EDT	
		3.00	2.45	2.15	2.10	2.19	2.24	2.62	2.61	2.48	2.66	2.74	3.74	4.36	4.99	5.18	6.20	7.95	10.94	10.99	8.61	6.69	5.26	4.20	3.18	EDT	
		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	-12.57	-29.91	-36.34	-28.06	-26.23	-15.04	-8.32	0.00	0.00	0.00	
ADK RESOURCE___RCVRY	23798	65.83	55.85	51.21	51.04	51.10	52.15	58.65	62.27	64.80	67.75	75.00	80.25	86.85	97.73	105.07	129.47	171.78	209.92	191.01	148.97	113.36	96.98	74.62	65.85	EDT	
		3.31	2.66	2.30	2.25	2.34	2.44	2.90	2.85	2.73	2.85	2.95	3.89	4.60	5.27	5.38	6.42	8.23	11.60	11.76	9.30	7.51	5.59	4.55	3.49	EDT	
		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	-12.26	-28.73	-35.00	-26.60	-24.87	-14.26	-7.89	0.00	0.00	0.00	
ADK S GLENS___FALLS	24028	65.52	55.64	51.06	50.90	50.95	51.95	58.37	62.03	64.56	67.56	74.78	80.10	86.61	97.46	104.88	129.56	172.69	210.61	191.70	149.66	113.32	97.07	74.27	65.54	EDT	
		3.00	2.45	2.15	2.10	2.19	2.24	2.62	2.61	2.48	2.66	2.74	3.74	4.36	4.99	5.18	6.20	7.95	10.94	10.99	8.61	6.69	5.26	4.20	3.18	EDT	
		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	-12.57	-29.91	-36.34	-28.06	-26.23	-15.04	-8.32	0.00	0.00	0.00	
ADK_NYS___DAM	23527	64.39	55.00	50.67	50.55	50.51	51.56	57.70	61.44	64.00	67.17	75.14	81.01	87.85	98.93	106.97	137.58	196.44	236.68	217.89	173.20	126.49	104.19	73.50	64.67	EDT	
		1.87	1.81	1.76	1.75	1.75	1.84	1.95	2.02	1.93	2.27	3.10	4.66	5.60	6.47	7.27	8.20	10.52	12.75	11.76	8.38	6.23	4.84	3.43	2.31	EDT	
		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	-18.60	-51.09	-60.61	-53.48	-50.01	-28.67	-15.86	0.00	0.00	0.00	
AIR_PRODUCTS___DRP	24190	61.77	52.76	48.67	48.70	48.61	49.52	55.42	58.82	61.33	64.32	71.83	77.04	83.40	93.94	101.49	83.24	86.37	100.66	123.15	86.30	75.16	74.22	70.07	61.74	EDT	
		-0.75	-0.43	-0.24	-0.10	-0.15	-0.20	-0.33	-0.59	-0.74	-0.58	-0.22	0.69	1.15	1.48	1.79	2.10	2.97	3.92	3.21	2.07	1.10	0.42	0.00	-0.62	EDT	
		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	29.65	51.42	66.59	32.70	30.58	17.53	9.70	0.00	0.00	0.00	
AKWESSNE_115KV_BK	355683	63.52	54.09	49.69	49.53	49.54	50.46	56.81	60.43	63.13	65.42	71.68	74.91	80.36	90.06	96.40	107.13	130.11	158.42	147.77	111.25	89.49	82.33	70.07	63.05	EDT	
		1.00	0.90	0.78	0.73	0.78	0.75	1.06	1.01	1.06	0.52	-0.36	-1.45	-1.89	-2.40	-3.29	-3.66	-4.72	-4.90	-4.88	-3.56	-2.11	-1.17	0.00	0.69	EDT	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
ALBANY_1_SOLAR	323833	62.33	53.14	49.01	48.99	48.96	49.82	55.70	58.82	61.02	63.73	70.89	75.90	82.17	92.65	100.09	83.22	92.50	107.60	133.35	96.12	81.16	77.66	70.28	62.11	EDT	
		-0.19	-0.05	0.10	0.20	0.20	0.10	-0.06	-0.59	-1.06	-1.17	-1.16	-0.46	-0.08	0.19	0.40	0.99	1.89	3.10	2.89	2.07	1.46	0.75	0.21	-0.25	EDT	
		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	28.56	44.21	58.82	22.20	20.76	11.90	6.58	0.00	0.00	0.00	
ALBANY_2_SOLAR	323834	62.27	53.14	49.01	48.94	48.96	49.82	55.64	58.82	60.96	63.73	70.89	75.90	82.17	92.65	100.09	83.27	92.57	107.54	133.37	96.14	81.08	77.67	70.28	62.11	EDT	
		-0.25	-0.05	0.10	0.15	0.20	0.10	-0.11	-0.59	-1.12	-1.17	-1.16	-0.46	-0.08	0.19	0.40	0.99	1.89	2.94	2.89	2.07	1.38	0.75	0.21	-0.25	EDT	
		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	28.51	44.14	58.72	22.18	20.74	11.89	6.58	0.00	0.00	0.00	
ALBANY___1	23571	61.77	52.76	48.67	48.70	48.61	49.52	55.42	58.82	61.33	64.32	71.83	77.04	83.40	93.94	101.49	83.24	86.37	100.66	123.15	86.30	75.16	74.22	70.07	61.74	EDT	
		-0.75	-0.43	-0.24	-0.10	-0.15	-0.20	-0.33	-0.59	-0.74	-0.58	-0.22	0.69	1.15	1.48	1.79	2.10	2.97	3.92	3.21	2.07	1.10	0.42	0.00	-0.62	EDT	
		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	29.65	51.42	66.59	32.70	30.58	17.53	9.70	0.00	0.00	0.00	

ALBANY___2 23572	61.77 -0.75 0.00	52.76 -0.43 0.00	48.67 -0.24 0.00	48.70 -0.10 0.00	48.61 -0.15 0.00	49.52 -0.20 0.00	55.42 -0.33 0.00	58.82 -0.59 0.00	61.33 -0.74 0.00	64.32 -0.58 0.00	71.83 -0.22 0.00	77.04 0.69 0.00	83.40 1.15 0.00	93.94 1.48 0.00	101.49 1.79 0.00	83.24 2.10 29.65	86.37 2.97 51.42	100.66 3.92 66.59	123.15 3.21 32.70	86.30 2.07 30.58	75.16 1.10 17.53	74.22 0.42 9.70	70.07 0.00 0.00	61.74 -0.62 0.00
ALBANY___3 23573	61.77 -0.75 0.00	52.76 -0.43 0.00	48.67 -0.24 0.00	48.70 -0.10 0.00	48.61 -0.15 0.00	49.52 -0.20 0.00	55.42 -0.33 0.00	58.82 -0.59 0.00	61.33 -0.74 0.00	64.32 -0.58 0.00	71.83 -0.22 0.00	77.04 0.69 0.00	83.40 1.15 0.00	93.94 1.48 0.00	101.49 1.79 0.00	83.24 2.10 29.65	86.37 2.97 51.42	100.66 3.92 66.59	123.15 3.21 32.70	86.30 2.07 30.58	75.16 1.10 17.53	74.22 0.42 9.70	70.07 0.00 0.00	61.74 -0.62 0.00
ALBANY___4 23574	61.77 -0.75 0.00	52.76 -0.43 0.00	48.67 -0.24 0.00	48.70 -0.10 0.00	48.61 -0.15 0.00	49.52 -0.20 0.00	55.42 -0.33 0.00	58.82 -0.59 0.00	61.33 -0.74 0.00	64.32 -0.58 0.00	71.83 -0.22 0.00	77.04 0.69 0.00	83.40 1.15 0.00	93.94 1.48 0.00	101.49 1.79 0.00	83.24 2.10 29.65	86.37 2.97 51.42	100.66 3.92 66.59	123.15 3.21 32.70	86.30 2.07 30.58	75.16 1.10 17.53	74.22 0.42 9.70	70.07 0.00 0.00	61.74 -0.62 0.00
ALBANY___LFGE 323615	62.65 0.13 0.00	53.46 0.27 0.00	49.26 0.34 0.00	49.24 0.44 0.00	49.20 0.44 0.00	50.11 0.40 0.00	56.15 0.39 0.00	59.60 0.18 0.00	62.14 0.06 0.00	65.23 0.33 0.00	72.84 0.79 0.00	78.11 1.76 0.00	84.64 2.39 0.00	95.33 2.87 0.00	102.88 3.19 0.00	117.12 3.65 -2.69	124.77 4.85 14.90	156.00 6.20 13.52	126.72 5.34 31.28	89.24 3.67 29.24	77.30 2.47 16.76	75.80 1.58 9.27	70.98 0.91 0.00	62.61 0.25 0.00
ALCOA_PA_115KV_PL-6C 55860	64.08 1.56 0.00	54.57 1.38 0.00	50.14 1.22 0.00	49.97 1.17 0.00	49.93 1.17 0.00	50.91 1.19 0.00	57.31 1.56 0.00	60.84 1.43 0.00	63.50 1.43 0.00	65.81 0.91 0.00	71.90 -0.14 0.00	74.75 -1.60 0.00	80.20 -2.06 0.00	89.78 -2.68 0.00	96.10 -3.59 0.00	106.80 -3.99 0.00	129.57 -5.26 0.00	157.93 -5.39 0.00	147.31 -5.34 0.00	111.14 -3.67 0.00	89.58 -2.02 0.00	82.33 -1.17 0.00	70.35 0.28 0.00	63.42 1.06 0.00
ALCOA_RYNLDS___DRP 24188	64.08 1.56 0.00	54.57 1.38 0.00	50.14 1.22 0.00	49.97 1.17 0.00	49.93 1.17 0.00	50.91 1.19 0.00	57.31 1.56 0.00	60.84 1.43 0.00	63.50 1.43 0.00	65.81 0.91 0.00	71.90 -0.14 0.00	74.75 -1.60 0.00	80.20 -2.06 0.00	89.78 -2.68 0.00	96.10 -3.59 0.00	106.80 -3.99 0.00	129.57 -5.26 0.00	157.93 -5.39 0.00	147.31 -5.34 0.00	111.14 -3.67 0.00	89.58 -2.02 0.00	82.33 -1.17 0.00	70.35 0.28 0.00	63.42 1.06 0.00
ALCOA___DSASP 323711	64.08 1.56 0.00	54.57 1.38 0.00	50.14 1.22 0.00	49.97 1.17 0.00	49.93 1.17 0.00	50.91 1.19 0.00	57.31 1.56 0.00	60.84 1.42 0.00	63.50 1.43 0.00	65.81 0.91 0.00	72.04 0.00 0.00	74.83 -1.53 0.00	80.03 -2.22 0.00	89.14 -3.32 0.00	96.11 -3.58 0.00	106.80 -3.98 0.00	129.56 -5.26 0.00	157.94 -5.39 0.00	147.31 -5.35 0.00	111.03 -3.79 0.00	88.93 -2.66 0.00	82.33 -1.17 0.00	70.35 0.28 0.00	63.42 1.06 0.00
ALLEGHENY___COGEN 23514	65.40 2.88 0.00	54.46 1.27 0.00	49.50 0.59 0.00	48.90 0.10 0.00	48.91 0.15 0.00	50.21 0.50 0.00	56.59 0.84 0.00	60.07 0.65 0.00	62.51 0.44 0.00	65.29 0.39 0.00	73.27 1.22 0.00	77.50 1.15 0.00	82.99 0.74 0.00	93.02 0.56 0.00	93.91 -5.78 0.00	104.58 -6.20 0.00	126.87 -7.95 0.00	152.54 -10.78 0.00	146.25 -6.41 0.00	114.13 -0.68 0.00	93.52 1.93 0.00	84.91 1.42 0.00	73.50 3.43 0.00	64.98 2.62 0.00
ALTAMONT_115KV_TB 2 55880	62.71 0.19 0.00	53.56 0.37 0.00	49.35 0.44 0.00	49.33 0.54 0.00	49.30 0.54 0.00	50.21 0.50 0.00	56.14 0.39 0.00	59.71 0.30 0.00	62.14 0.06 0.00	65.22 0.32 0.00	72.76 0.72 0.00	77.96 1.60 0.00	84.31 2.06 0.00	94.96 2.50 0.00	102.58 2.89 0.00	97.94 3.21 16.05	112.51 4.31 26.63	134.03 5.55 34.85	141.95 4.88 15.59	103.68 3.44 14.58	85.53 2.29 8.36	80.54 1.67 4.62	70.98 0.91 0.00	62.67 0.31 0.00
ALTONA_WT_PWR 323606	63.33 0.81 0.00	53.88 0.69 0.00	49.50 0.59 0.00	49.29 0.49 0.00	49.30 0.54 0.00	50.27 0.55 0.00	56.64 0.89 0.00	60.31 0.89 0.00	63.06 0.99 0.00	65.48 0.58 0.00	71.75 -0.29 0.00	74.90 -1.45 0.00	80.11 -2.14 0.00	89.22 -3.24 0.00	96.30 -3.39 0.00	107.02 -3.77 0.00	129.84 -4.99 0.00	158.26 -5.06 0.00	147.62 -5.03 0.00	111.13 -3.68 0.00	89.12 -2.47 0.00	82.50 -1.00 0.00	70.07 0.00 0.00	62.86 0.50 0.00
AMERICAN_REF_FUEL 24010	63.27 0.75 0.00	52.44 -0.74 0.00	47.54 -1.37 0.00	47.09 -1.71 0.00	47.10 -1.66 0.00	48.03 -1.69 0.00	53.97 -1.79 0.00	57.64 -1.78 0.00	61.64 -0.43 0.00	65.16 0.26 0.00	73.84 1.80 0.00	77.43 1.07 0.00	82.75 0.50 0.00	92.65 0.19 0.00	98.70 -1.00 0.00	109.12 -1.66 0.00	131.59 -3.24 0.00	155.81 -7.51 0.00	147.46 -5.19 0.00	112.97 -1.84 0.00	93.05 1.46 0.00	84.66 1.17 0.00	69.65 -0.42 0.00	62.92 0.56 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	65.08 2.56 0.00	53.72 0.53 0.00	48.47 -0.44 0.00	48.16 -0.64 0.00	48.23 -0.54 0.00	49.12 -0.59 0.00	55.75 0.00 0.00	60.49 1.07 0.00	64.49 2.42 0.00	68.34 3.44 0.00	77.37 5.33 0.00	81.47 5.12 0.00	87.52 5.27 0.00	98.10 5.64 0.00	104.38 4.69 0.00	115.65 4.87 0.00	140.22 5.40 0.00	165.93 2.61 0.00	157.54 4.88 0.00	120.66 5.85 0.00	98.65 7.05 0.00	89.59 6.09 0.00	73.43 3.36 0.00	65.48 3.12 0.00
ARTHUR KILL_GT_1 23520	52.98 0.63 10.17	52.78 1.44 1.84	50.92 2.01 0.00	50.85 2.05 0.00	50.71 1.95 0.00	51.41 1.69 0.00	52.65 1.39 4.50	52.31 0.89 8.00	52.59 1.06 10.54	54.57 1.75 12.08	55.95 3.24 19.34	57.44 5.04 23.96	72.78 6.33 15.81	73.55 6.93 25.85	82.21 8.47 25.95	108.67 9.97 12.08	119.92 12.81 27.71	157.20 15.35 21.48	142.62 13.43 23.47	102.89 9.18 21.11	76.34 5.68 20.93	61.45 3.92 25.97	56.20 2.31 16.19	54.89 0.81 8.28
ARTHUR_KILL_2 23512	52.73 0.38 10.17	52.62 1.27 1.84	50.72 1.81 0.00	50.66 1.85 -0.01	50.57 1.81 0.00	51.26 1.54 0.00	52.37 1.11 4.50	52.06 0.65 8.01	52.34 0.80 10.54	54.24 1.43 12.08	55.51 2.81 19.34	57.06 4.66 23.96	72.36 5.93 15.82	73.18 6.57 25.85	81.61 7.87 25.96	108.00 9.31 12.09	119.11 12.00 27.71	156.21 14.38 21.49	141.70 12.52 23.47	102.20 8.50 21.11	75.88 5.22 20.93	60.95 3.42 25.97	55.70 1.82 16.19	54.58 0.50 8.28
ARTHUR_KILL_3 23513	53.10 0.75 10.18	52.72 1.38 1.85	50.32 1.42 0.01	50.21 1.42 0.00	50.07 1.32 0.01	51.15 1.44 0.01	52.69 1.45 4.51	52.72 1.31 8.00	52.72 1.18 10.53	54.71 1.88 12.07	55.88 3.17 19.33	57.30 4.89 23.95	72.68 6.25 15.82	73.82 7.22 25.86	82.30 8.57 25.97	108.87 10.19 12.10	120.05 12.94 27.72	157.35 15.52 21.50	142.45 13.27 23.48	102.42 8.72 21.12	76.33 5.68 20.94	61.27 3.76 25.98	56.05 2.17 16.19	54.88 0.81 8.29

ARTHUR_KILL_COGEN 323718	52.98 0.63 10.17	52.83 1.49 1.84	50.92 2.01 0.00	50.85 2.05 -0.01	50.71 1.95 0.00	51.41 1.69 0.00	52.59 1.34 4.50	52.30 0.89 8.01	52.59 1.05 10.54	54.50 1.68 12.08	55.87 3.17 19.34	57.36 4.96 23.96	72.77 6.33 15.82	73.63 7.02 25.85	82.20 8.47 25.96	108.67 9.97 12.09	119.93 12.82 27.71	157.18 15.35 21.49	142.62 13.44 23.47	102.89 9.19 21.11	76.43 5.77 20.93	61.45 3.93 25.97	56.06 2.17 16.19	54.89 0.81 8.28
ASHOKAN____ 23654	65.64 3.12 0.00	55.74 2.55 0.00	51.31 2.40 0.00	51.19 2.39 0.00	51.15 2.39 0.00	51.71 1.99 0.00	57.65 1.90 0.00	60.54 1.13 0.00	62.51 0.44 0.00	65.55 0.65 0.00	73.62 1.58 0.00	79.10 2.74 0.00	85.79 3.53 0.00	96.90 4.44 0.00	104.77 5.08 0.00	100.54 10.74 20.98	118.16 15.50 32.17	140.17 19.75 42.90	155.20 18.31 15.76	113.39 13.31 14.74	92.76 9.61 8.45	86.59 7.77 4.67	73.78 3.71 0.00	65.10 2.74 0.00
ASTORIA_EAST_ENERGY_CC1 323581	63.47 0.94 -0.01	55.01 1.81 -0.01	51.07 2.15 -0.01	50.95 2.14 -0.01	50.82 2.05 -0.01	51.76 2.04 -0.01	57.70 1.95 0.00	60.78 1.37 0.01	63.37 1.31 0.01	66.91 2.01 0.01	75.35 3.32 0.01	81.39 5.04 0.01	88.51 6.25 -0.01	99.85 7.12 -0.26	108.28 8.57 -0.01	124.32 9.63 -3.91	152.57 12.40 -5.35	185.56 14.71 -7.53	166.94 12.97 -1.32	123.54 8.72 -0.01	97.56 5.68 -0.28	87.35 3.84 -0.01	72.32 2.24 -0.01	63.36 0.99 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	63.47 0.94 -0.01	55.01 1.81 -0.01	51.07 2.15 -0.01	50.95 2.14 -0.01	50.82 2.05 -0.01	51.76 2.04 -0.01	57.70 1.95 0.00	60.78 1.37 0.01	63.37 1.31 0.01	66.91 2.01 0.01	75.35 3.32 0.01	81.39 5.04 0.01	88.51 6.25 -0.01	99.85 7.12 -0.26	108.28 8.57 -0.01	124.32 9.63 -3.91	152.57 12.40 -5.35	185.56 14.71 -7.53	166.94 12.97 -1.32	123.54 8.72 -0.01	97.56 5.68 -0.28	87.35 3.84 -0.01	72.32 2.24 -0.01	63.36 0.99 -0.01
ASTORIA_GT2_1 24094	63.53 1.00 -0.01	55.06 1.86 -0.01	51.12 2.20 -0.01	50.94 2.15 0.00	50.87 2.10 -0.01	51.76 2.04 -0.01	57.76 2.01 0.00	60.78 1.37 0.00	63.43 1.37 0.01	66.97 2.08 0.01	75.42 3.39 0.01	81.54 5.19 0.01	88.60 6.33 -0.02	99.85 7.12 -0.27	108.28 8.57 -0.02	124.45 9.75 -3.91	152.57 12.40 -5.35	185.72 14.86 -7.54	167.10 13.13 -1.32	123.55 8.73 -0.01	97.46 5.59 -0.28	87.43 3.92 -0.01	72.46 2.38 -0.01	63.43 1.06 -0.01
ASTORIA_GT2_2 24095	63.53 1.00 -0.01	55.06 1.86 -0.01	51.12 2.20 -0.01	50.94 2.15 0.00	50.87 2.10 -0.01	51.76 2.04 -0.01	57.76 2.01 0.00	60.78 1.37 0.00	63.43 1.37 0.01	66.97 2.08 0.01	75.42 3.39 0.01	81.54 5.19 0.01	88.60 6.33 -0.02	99.85 7.12 -0.27	108.28 8.57 -0.02	124.45 9.75 -3.91	152.57 12.40 -5.35	185.72 14.86 -7.54	167.10 13.13 -1.32	123.55 8.73 -0.01	97.46 5.59 -0.28	87.43 3.92 -0.01	72.46 2.38 -0.01	63.43 1.06 -0.01
ASTORIA_GT2_3 24096	63.53 1.00 -0.01	55.06 1.86 -0.01	51.12 2.20 -0.01	50.94 2.15 0.00	50.87 2.10 -0.01	51.76 2.04 -0.01	57.76 2.01 0.00	60.78 1.37 0.00	63.43 1.37 0.01	66.97 2.08 0.01	75.42 3.39 0.01	81.54 5.19 0.01	88.60 6.33 -0.02	99.85 7.12 -0.27	108.28 8.57 -0.02	124.45 9.75 -3.91	152.57 12.40 -5.35	185.72 14.86 -7.54	167.10 13.13 -1.32	123.55 8.73 -0.01	97.46 5.59 -0.28	87.43 3.92 -0.01	72.46 2.38 -0.01	63.43 1.06 -0.01
ASTORIA_GT2_4 24097	63.53 1.00 -0.01	55.06 1.86 -0.01	51.12 2.20 -0.01	50.94 2.15 0.00	50.87 2.10 -0.01	51.76 2.04 -0.01	57.76 2.01 0.00	60.78 1.37 0.00	63.43 1.37 0.01	66.97 2.08 0.01	75.42 3.39 0.01	81.54 5.19 0.01	88.60 6.33 -0.02	99.85 7.12 -0.27	108.28 8.57 -0.02	124.45 9.75 -3.91	152.57 12.40 -5.35	185.72 14.86 -7.54	167.10 13.13 -1.32	123.55 8.73 -0.01	97.46 5.59 -0.28	87.43 3.92 -0.01	72.46 2.38 -0.01	63.43 1.06 -0.01
ASTORIA_GT3_1 24098	63.53 1.00 -0.01	55.06 1.86 -0.01	51.12 2.20 -0.01	50.94 2.15 0.00	50.87 2.10 -0.01	51.76 2.04 -0.01	57.76 2.01 0.00	60.78 1.37 0.00	63.43 1.37 0.01	66.97 2.08 0.01	75.42 3.39 0.01	81.54 5.19 0.01	88.60 6.33 -0.02	99.85 7.12 -0.27	108.28 8.57 -0.02	124.45 9.75 -3.91	152.57 12.40 -5.35	185.72 14.86 -7.54	167.10 13.13 -1.32	123.55 8.73 -0.01	97.46 5.59 -0.28	87.43 3.92 -0.01	72.46 2.38 -0.01	63.43 1.06 -0.01
ASTORIA_GT3_2 24099	63.53 1.00 -0.01	55.06 1.86 -0.01	51.12 2.20 -0.01	50.94 2.15 0.00	50.87 2.10 -0.01	51.76 2.04 -0.01	57.76 2.01 0.00	60.78 1.37 0.00	63.43 1.37 0.01	66.97 2.08 0.01	75.42 3.39 0.01	81.54 5.19 0.01	88.60 6.33 -0.02	99.85 7.12 -0.27	108.28 8.57 -0.02	124.45 9.75 -3.91	152.57 12.40 -5.35	185.72 14.86 -7.54	167.10 13.13 -1.32	123.55 8.73 -0.01	97.46 5.59 -0.28	87.43 3.92 -0.01	72.46 2.38 -0.01	63.43 1.06 -0.01
ASTORIA_GT3_3 24100	63.53 1.00 -0.01	55.06 1.86 -0.01	51.12 2.20 -0.01	50.94 2.15 0.00	50.87 2.10 -0.01	51.76 2.04 -0.01	57.76 2.01 0.00	60.78 1.37 0.00	63.43 1.37 0.01	66.97 2.08 0.01	75.42 3.39 0.01	81.54 5.19 0.01	88.60 6.33 -0.02	99.85 7.12 -0.27	108.28 8.57 -0.02	124.45 9.75 -3.91	152.57 12.40 -5.35	185.72 14.86 -7.54	167.10 13.13 -1.32	123.55 8.73 -0.01	97.46 5.59 -0.28	87.43 3.92 -0.01	72.46 2.38 -0.01	63.43 1.06 -0.01
ASTORIA_GT3_4 24101	63.53 1.00 -0.01	55.06 1.86 -0.01	51.12 2.20 -0.01	50.94 2.15 0.00	50.87 2.10 -0.01	51.76 2.04 -0.01	57.76 2.01 0.00	60.78 1.37 0.00	63.43 1.37 0.01	66.97 2.08 0.01	75.42 3.39 0.01	81.54 5.19 0.01	88.60 6.33 -0.02	99.85 7.12 -0.27	108.28 8.57 -0.02	124.45 9.75 -3.91	152.57 12.40 -5.35	185.72 14.86 -7.54	167.10 13.13 -1.32	123.55 8.73 -0.01	97.46 5.59 -0.28	87.43 3.92 -0.01	72.46 2.38 -0.01	63.43 1.06 -0.01
ASTORIA_GT4_1 24102	63.53 1.00 -0.01	55.06 1.86 -0.01	51.12 2.20 -0.01	50.94 2.15 0.00	50.87 2.10 -0.01	51.76 2.04 -0.01	57.76 2.01 0.00	60.78 1.37 0.00	63.43 1.37 0.01	66.97 2.08 0.01	75.42 3.39 0.01	81.54 5.19 0.01	88.60 6.33 -0.02	99.85 7.12 -0.27	108.28 8.57 -0.02	124.45 9.75 -3.91	152.57 12.40 -5.35	185.72 14.86 -7.54	167.10 13.13 -1.32	123.55 8.73 -0.01	97.46 5.59 -0.28	87.43 3.92 -0.01	72.46 2.38 -0.01	63.43 1.06 -0.01
ASTORIA_GT4_2 24103	63.53 1.00 -0.01	55.06 1.86 -0.01	51.12 2.20 -0.01	50.94 2.15 0.00	50.87 2.10 -0.01	51.76 2.04 -0.01	57.76 2.01 0.00	60.78 1.37 0.00	63.43 1.37 0.01	66.97 2.08 0.01	75.42 3.39 0.01	81.54 5.19 0.01	88.60 6.33 -0.02	99.85 7.12 -0.27	108.28 8.57 -0.02	124.45 9.75 -3.91	152.57 12.40 -5.35	185.72 14.86 -7.54	167.10 13.13 -1.32	123.55 8.73 -0.01	97.46 5.59 -0.28	87.43 3.92 -0.01	72.46 2.38 -0.01	63.43 1.06 -0.01
ASTORIA_GT4_3 24104	63.53 1.00 -0.01	55.06 1.86 -0.01	51.12 2.20 -0.01	50.94 2.15 0.00	50.87 2.10 -0.01	51.76 2.04 -0.01	57.76 2.01 0.00	60.78 1.37 0.00	63.43 1.37 0.01	66.97 2.08 0.01	75.42 3.39 0.01	81.54 5.19 0.01	88.60 6.33 -0.02	99.85 7.12 -0.27	108.28 8.57 -0.02	124.45 9.75 -3.91	152.57 12.40 -5.35	185.72 14.86 -7.54	167.10 13.13 -1.32	123.55 8.73 -0.01	97.46 5.59 -0.28	87.43 3.92 -0.01	72.46 2.38 -0.01	63.43 1.06 -0.01

ASTORIA_GT4_4 24105	63.53 1.00 -0.01	55.06 1.86 -0.01	51.12 2.20 -0.01	50.94 2.15 0.00	50.87 2.10 -0.01	51.76 2.04 -0.01	57.76 2.01 0.00	60.78 1.37 0.00	63.43 1.37 0.01	66.97 2.08 0.01	75.42 3.39 0.01	81.54 5.19 0.01	88.60 6.33 -0.02	99.85 7.12 -0.27	108.28 8.57 -0.02	124.45 9.75 -3.91	152.57 12.40 -5.35	185.72 14.86 -7.54	167.10 13.13 -1.32	123.55 8.73 -0.01	97.46 5.59 -0.28	87.43 3.92 -0.01	72.46 2.38 -0.01	63.43 1.06 -0.01
ASTORIA_GT_1 23523	63.65 1.13 -0.01	55.17 1.97 -0.01	51.22 2.30 -0.01	51.04 2.24 0.00	50.96 2.19 -0.01	51.91 2.19 -0.01	57.93 2.17 0.00	60.96 1.54 0.00	63.62 1.55 0.01	67.16 2.27 0.01	75.71 3.67 0.01	81.77 5.42 0.01	88.85 6.58 -0.02	100.22 7.49 -0.27	108.68 8.97 -0.02	124.78 10.08 -3.91	153.11 12.94 -5.35	186.38 15.52 -7.54	167.56 13.59 -1.32	124.00 9.18 -0.01	97.74 5.86 -0.28	87.68 4.17 -0.01	72.67 2.59 -0.01	63.62 1.25 -0.01
ASTORIA_GT_10 24110	61.68 0.75 1.59	54.78 1.60 0.00	50.87 1.96 0.00	50.70 1.90 0.00	50.61 1.85 0.00	51.56 1.84 0.00	57.54 1.78 0.00	60.61 1.19 0.00	62.78 1.12 0.41	66.17 1.82 0.54	67.25 3.17 7.96	75.07 4.89 6.17	88.26 6.00 0.00	99.31 6.84 0.00	107.97 8.27 0.00	123.59 9.75 -3.05	144.56 12.54 2.80	183.28 15.03 -4.93	149.01 12.82 16.46	96.04 8.50 27.27	77.94 5.22 18.88	66.64 3.59 20.45	62.63 2.17 9.61	61.85 0.75 1.26
ASTORIA_GT_11 24225	61.68 0.75 1.59	54.78 1.60 0.00	50.87 1.96 0.00	50.70 1.90 0.00	50.61 1.85 0.00	51.56 1.84 0.00	57.54 1.78 0.00	60.61 1.19 0.00	62.78 1.12 0.41	66.17 1.82 0.54	67.25 3.17 7.96	75.07 4.89 6.17	88.26 6.00 0.00	99.31 6.84 0.00	107.97 8.27 0.00	123.59 9.75 -3.05	144.56 12.54 2.80	183.28 15.03 -4.93	149.01 12.82 16.46	96.04 8.50 27.27	77.94 5.22 18.88	66.64 3.59 20.45	62.63 2.17 9.61	61.85 0.75 1.26
ASTORIA_GT_12 24226	61.68 0.75 1.59	54.78 1.60 0.00	50.87 1.96 0.00	50.70 1.90 0.00	50.61 1.85 0.00	51.56 1.84 0.00	57.54 1.78 0.00	60.61 1.19 0.00	62.78 1.12 0.41	66.17 1.82 0.54	67.25 3.17 7.96	75.07 4.89 6.17	88.26 6.00 0.00	99.31 6.84 0.00	107.97 8.27 0.00	123.59 9.75 -3.05	144.56 12.54 2.80	183.28 15.03 -4.93	149.01 12.82 16.46	96.04 8.50 27.27	77.94 5.22 18.88	66.64 3.59 20.45	62.63 2.17 9.61	61.85 0.75 1.26
ASTORIA_GT_13 24227	61.68 0.75 1.59	54.78 1.60 0.00	50.87 1.96 0.00	50.70 1.90 0.00	50.61 1.85 0.00	51.56 1.84 0.00	57.54 1.78 0.00	60.61 1.19 0.00	62.78 1.12 0.41	66.17 1.82 0.54	67.25 3.17 7.96	75.07 4.89 6.17	88.26 6.00 0.00	99.31 6.84 0.00	107.97 8.27 0.00	123.59 9.75 -3.05	144.56 12.54 2.80	183.28 15.03 -4.93	149.01 12.82 16.46	96.04 8.50 27.27	77.94 5.22 18.88	66.64 3.59 20.45	62.63 2.17 9.61	61.85 0.75 1.26
ASTORIA_GT_5 24106	63.65 1.13 -0.01	55.17 1.97 -0.01	51.22 2.30 -0.01	51.04 2.24 0.00	50.96 2.19 -0.01	51.91 2.19 -0.01	57.93 2.17 0.00	60.96 1.54 0.00	63.62 1.55 0.01	67.16 2.27 0.01	75.71 3.67 0.01	81.77 5.42 0.01	88.85 6.58 -0.02	100.22 7.49 -0.27	108.68 8.97 -0.02	124.78 10.08 -3.91	153.11 12.94 -5.35	186.38 15.52 -7.54	167.56 13.59 -1.32	124.00 9.18 -0.01	97.74 5.86 -0.28	87.68 4.17 -0.01	72.67 2.59 -0.01	63.62 1.25 -0.01
ASTORIA_GT_7 24107	63.65 1.13 -0.01	55.17 1.97 -0.01	51.22 2.30 -0.01	51.04 2.24 0.00	50.96 2.19 -0.01	51.91 2.19 -0.01	57.93 2.17 0.00	60.96 1.54 0.00	63.62 1.55 0.01	67.16 2.27 0.01	75.71 3.67 0.01	81.77 5.42 0.01	88.85 6.58 -0.02	100.22 7.49 -0.27	108.68 8.97 -0.02	124.78 10.08 -3.91	153.11 12.94 -5.35	186.38 15.52 -7.54	167.56 13.59 -1.32	124.00 9.18 -0.01	97.74 5.86 -0.28	87.68 4.17 -0.01	72.67 2.59 -0.01	63.62 1.25 -0.01
ASTORIA_GT_8 24108	63.65 1.13 -0.01	55.17 1.97 -0.01	51.22 2.30 -0.01	51.04 2.24 0.00	50.96 2.19 -0.01	51.91 2.19 -0.01	57.93 2.17 0.00	60.96 1.54 0.00	63.62 1.55 0.01	67.16 2.27 0.01	75.71 3.67 0.01	81.77 5.42 0.01	88.85 6.58 -0.02	100.22 7.49 -0.27	108.68 8.97 -0.02	124.78 10.08 -3.91	153.11 12.94 -5.35	186.38 15.52 -7.54	167.56 13.59 -1.32	124.00 9.18 -0.01	97.74 5.86 -0.28	87.68 4.17 -0.01	72.67 2.59 -0.01	63.62 1.25 -0.01
ASTORIA___2 24149	63.52 1.00 -0.01	55.06 1.86 -0.01	51.12 2.20 -0.01	50.95 2.14 -0.01	50.86 2.10 -0.01	51.76 2.04 -0.01	57.70 1.95 0.00	60.78 1.37 0.01	63.43 1.36 0.01	66.91 2.01 0.01	75.35 3.32 0.01	81.47 5.12 0.01	88.59 6.33 -0.01	99.94 7.22 -0.26	108.28 8.57 -0.01	124.44 9.75 -3.91	152.57 12.40 -5.35	185.71 14.86 -7.53	167.10 13.13 -1.32	123.66 8.84 -0.01	97.65 5.77 -0.28	87.43 3.93 -0.01	72.32 2.24 -0.01	63.43 1.06 -0.01
ASTORIA___3 23516	61.68 0.75 1.59	54.84 1.65 0.00	50.87 1.96 0.00	50.76 1.95 -0.01	50.61 1.85 0.00	51.56 1.84 0.00	57.42 1.67 0.00	60.60 1.19 0.01	62.78 1.12 0.41	66.11 1.75 0.54	67.11 3.03 7.96	75.00 4.81 6.17	88.33 6.09 0.01	99.39 6.94 0.01	107.95 8.27 0.01	123.58 9.75 -3.05	144.57 12.54 2.80	183.11 14.86 -4.93	149.01 12.82 16.46	96.04 8.50 27.27	78.21 5.50 18.88	66.64 3.59 20.45	62.49 2.03 9.61	61.85 0.75 1.26
ASTORIA___4 23517	61.68 0.75 1.59	54.78 1.60 0.00	50.87 1.96 0.00	50.70 1.90 0.00	50.61 1.85 0.00	51.56 1.84 0.00	57.54 1.78 0.00	60.61 1.19 0.00	62.78 1.12 0.41	66.17 1.82 0.54	67.25 3.17 7.96	75.07 4.89 6.17	88.26 6.00 0.00	99.31 6.84 0.00	107.97 8.27 0.00	123.59 9.75 -3.05	144.56 12.54 2.80	183.28 15.03 -4.93	149.01 12.82 16.46	96.04 8.50 27.27	77.94 5.22 18.88	66.64 3.59 20.45	62.63 2.17 9.61	61.85 0.75 1.26
ASTORIA___5 23518	61.68 0.75 1.59	54.84 1.65 0.00	50.87 1.96 0.00	50.76 1.95 -0.01	50.61 1.85 0.00	51.56 1.84 0.00	57.42 1.67 0.00	60.60 1.19 0.01	62.78 1.12 0.41	66.11 1.75 0.54	67.11 3.03 7.96	75.00 4.81 6.17	88.33 6.09 0.01	99.39 6.94 0.01	107.95 8.27 0.01	123.58 9.75 -3.05	144.57 12.54 2.80	183.11 14.86 -4.93	149.01 12.82 16.46	96.04 8.50 27.27	78.21 5.50 18.88	66.64 3.59 20.45	62.49 2.03 9.61	61.85 0.75 1.26
AST_ENERGY_2_CC3 323677	39.20 1.06 24.39	38.96 1.59 15.82	38.96 1.61 11.56	38.96 1.56 11.40	38.96 1.51 11.31	38.96 1.64 12.40	38.96 1.67 18.46	38.96 1.54 22.00	38.96 1.49 24.60	41.78 2.21 25.33	43.59 3.60 32.05	47.89 5.34 33.81	60.56 6.66 28.35	61.68 7.67 38.45	70.26 9.07 38.51	89.87 10.74 31.66	101.05 13.61 47.39	139.64 16.33 40.01	125.13 14.04 41.56	85.63 9.30 38.48	59.31 6.14 38.42	49.23 4.26 38.52	41.05 2.52 31.54	42.84 1.18 20.70
AST_ENERGY_2_CC4 323678	39.20 1.06 24.39	38.96 1.59 15.82	38.96 1.61 11.56	38.96 1.56 11.40	38.96 1.51 11.31	38.96 1.64 12.40	38.96 1.67 18.46	38.96 1.54 22.00	38.96 1.49 24.60	41.78 2.21 25.33	43.59 3.60 32.05	47.89 5.34 33.81	60.56 6.66 28.35	61.68 7.67 38.45	70.26 9.07 38.51	89.87 10.74 31.66	101.05 13.61 47.39	139.64 16.33 40.01	125.13 14.04 41.56	85.63 9.30 38.48	59.31 6.14 38.42	49.23 4.26 38.52	41.05 2.52 31.54	42.84 1.18 20.70

ATHENS_STG_1 23668	62.71 0.19 0.00	53.67 0.48 0.00	49.50 0.59 0.00	49.48 0.68 0.00	49.44 0.68 0.00	50.36 0.64 0.00	56.25 0.50 0.00	59.84 0.42 0.00	62.32 0.25 0.00	65.48 0.58 0.00	73.34 1.30 0.00	78.73 2.37 0.00	85.38 3.12 0.00	96.17 3.70 0.00	103.98 4.28 0.00	115.54 4.76 0.00	141.03 6.21 0.00	170.84 7.52 0.00	159.21 6.56 0.00	119.28 4.47 0.00	94.61 3.02 0.00	85.58 2.09 0.00	71.12 1.05 0.00	62.67 0.31 0.00
ATHENS_STG_2 23670	62.71 0.19 0.00	53.67 0.48 0.00	49.50 0.59 0.00	49.48 0.68 0.00	49.44 0.68 0.00	50.36 0.64 0.00	56.25 0.50 0.00	59.84 0.42 0.00	62.32 0.25 0.00	65.48 0.58 0.00	73.34 1.30 0.00	78.73 2.37 0.00	85.38 3.12 0.00	96.17 3.70 0.00	103.98 4.28 0.00	115.54 4.76 0.00	141.03 6.21 0.00	170.84 7.52 0.00	159.21 6.56 0.00	119.28 4.47 0.00	94.61 3.02 0.00	85.58 2.09 0.00	71.12 1.05 0.00	62.67 0.31 0.00
ATHENS_STG_3 23677	62.71 0.19 0.00	53.67 0.48 0.00	49.50 0.59 0.00	49.48 0.68 0.00	49.44 0.68 0.00	50.36 0.64 0.00	56.25 0.50 0.00	59.84 0.42 0.00	62.32 0.25 0.00	65.48 0.58 0.00	73.34 1.30 0.00	78.73 2.37 0.00	85.38 3.12 0.00	96.17 3.70 0.00	103.98 4.28 0.00	115.54 4.76 0.00	141.03 6.21 0.00	170.84 7.52 0.00	159.21 6.56 0.00	119.28 4.47 0.00	94.61 3.02 0.00	85.58 2.09 0.00	71.12 1.05 0.00	62.67 0.31 0.00
AUBURN___LFGE 323710	63.21 0.69 0.00	53.35 0.16 0.00	48.86 -0.05 0.00	48.60 -0.20 0.00	48.57 -0.20 0.00	49.62 -0.10 0.00	55.81 0.06 0.00	59.77 0.36 0.00	62.69 0.62 0.00	65.94 1.04 0.00	73.92 1.87 0.00	78.57 2.21 0.00	84.23 1.97 0.00	94.31 1.85 0.00	101.59 1.89 0.00	112.78 1.99 0.00	137.25 2.43 0.00	165.61 2.29 0.00	155.71 3.05 0.00	117.80 2.99 0.00	94.52 2.93 0.00	85.92 2.42 0.00	71.19 1.12 0.00	63.11 0.75 0.00
BABYLON_RES_REC 323704	65.02 2.50 0.00	56.33 3.14 -0.01	51.90 2.98 -0.01	51.48 2.68 0.00	51.25 2.49 0.00	52.70 2.98 0.00	58.82 3.06 0.00	62.27 2.85 0.00	64.12 2.05 0.00	66.00 1.10 0.00	73.55 1.52 0.01	80.25 3.89 0.00	88.59 6.33 0.00	100.11 8.14 0.49	111.12 9.57 -1.85	142.17 11.31 -20.08	209.50 14.43 -60.25	248.99 17.48 -68.18	170.16 15.58 -1.92	131.37 10.68 -5.88	99.54 6.96 -0.99	87.75 4.26 0.00	71.89 1.82 0.00	62.10 -0.25 0.01
BALL_HILL_WT_PWR 323825	64.46 1.94 0.00	53.46 0.27 0.00	48.33 -0.58 0.00	47.97 -0.83 0.00	47.98 -0.78 0.00	48.92 -0.80 0.00	55.25 -0.50 0.00	59.66 0.24 0.00	63.56 1.49 0.00	67.23 2.33 0.00	76.15 4.10 0.00	80.17 3.82 0.00	85.96 3.70 0.00	96.35 3.88 0.00	102.59 2.89 0.00	113.66 2.88 0.00	137.66 2.84 0.00	163.16 -0.16 0.00	154.63 1.98 0.00	118.48 3.67 0.00	97.00 5.40 0.00	88.08 4.59 0.00	72.24 2.17 0.00	64.48 2.12 0.00
BARON_WINDS___WT_PWR 323822	63.89 1.37 0.00	53.30 0.11 0.00	48.38 -0.54 0.00	48.07 -0.73 0.00	48.08 -0.68 0.00	49.07 -0.65 0.00	55.37 -0.39 0.00	59.36 -0.06 0.00	62.45 0.37 0.00	65.87 0.97 0.00	74.20 2.16 0.00	78.57 2.22 0.00	84.14 1.89 0.00	94.31 1.85 0.00	100.49 0.79 0.00	111.56 0.78 0.00	135.64 0.81 0.00	162.35 -0.97 0.00	153.87 1.22 0.00	118.02 3.21 0.00	96.08 4.49 0.00	87.26 3.76 0.00	71.82 1.75 0.00	63.92 1.56 0.00
BARRETT_IC_1 23704	64.58 2.06 0.00	55.75 2.55 -0.01	51.41 2.49 -0.01	51.09 2.29 0.00	50.86 2.10 0.00	52.25 2.53 0.00	58.09 2.34 0.00	61.44 2.02 0.00	63.38 1.31 0.00	66.07 1.17 0.00	74.41 2.37 0.01	80.78 4.43 0.00	88.75 6.50 0.00	101.84 7.95 -1.42	108.97 9.27 -0.01	141.62 10.74 -20.10	221.59 13.76 -73.01	265.71 16.49 -85.90	174.76 14.80 -7.30	124.93 10.11 -0.01	99.81 6.68 -1.54	87.83 4.34 0.00	72.60 2.45 -0.08	62.73 0.38 0.01
BARRETT_IC_10 23701	64.58 2.06 0.00	55.75 2.55 -0.01	51.41 2.49 -0.01	51.09 2.29 0.00	50.86 2.10 0.00	52.25 2.53 0.00	58.09 2.34 0.00	61.44 2.02 0.00	63.38 1.31 0.00	66.07 1.17 0.00	74.41 2.37 0.01	80.78 4.43 0.00	88.75 6.50 0.00	83.77 7.95 16.65	108.97 9.27 -0.01	81.63 10.74 39.90	81.63 13.76 66.95	81.63 16.49 98.18	81.63 14.80 85.83	124.91 10.11 0.01	80.21 6.68 18.07	87.83 4.34 0.00	72.60 2.45 -0.08	62.73 0.38 0.01
BARRETT_IC_11 23702	64.58 2.06 0.00	55.75 2.55 -0.01	51.41 2.49 -0.01	51.09 2.29 0.00	50.86 2.10 0.00	52.25 2.53 0.00	58.09 2.34 0.00	61.44 2.02 0.00	63.38 1.31 0.00	66.07 1.17 0.00	74.41 2.37 0.01	80.78 4.43 0.00	88.75 6.50 0.00	83.77 7.95 16.65	108.97 9.27 -0.01	81.63 10.74 39.90	81.63 13.76 66.95	81.63 16.49 98.18	81.63 14.80 85.83	124.91 10.11 0.01	80.21 6.68 18.07	87.83 4.34 0.00	72.60 2.45 -0.08	62.73 0.38 0.01
BARRETT_IC_12 23703	64.58 2.06 0.00	55.75 2.55 -0.01	51.41 2.49 -0.01	51.09 2.29 0.00	50.86 2.10 0.00	52.25 2.53 0.00	58.09 2.34 0.00	61.44 2.02 0.00	63.38 1.31 0.00	66.07 1.17 0.00	74.41 2.37 0.01	80.78 4.43 0.00	88.75 6.50 0.00	83.77 7.95 16.65	108.97 9.27 -0.01	81.63 10.74 39.90	81.63 13.76 66.95	81.63 16.49 98.18	81.63 14.80 85.83	124.91 10.11 0.01	80.21 6.68 18.07	87.83 4.34 0.00	72.60 2.45 -0.08	62.73 0.38 0.01
BARRETT_IC_2 23705	64.58 2.06 0.00	55.75 2.55 -0.01	51.41 2.49 -0.01	51.09 2.29 0.00	50.86 2.10 0.00	52.25 2.53 0.00	58.09 2.34 0.00	61.44 2.02 0.00	63.38 1.31 0.00	66.07 1.17 0.00	74.41 2.37 0.01	80.78 4.43 0.00	88.75 6.50 0.00	101.84 7.95 -1.42	108.97 9.27 -0.01	141.62 10.74 -20.10	221.59 13.76 -73.01	265.71 16.49 -85.90	174.76 14.80 -7.30	124.93 10.11 -0.01	99.81 6.68 -1.54	87.83 4.34 0.00	72.60 2.45 -0.08	62.73 0.38 0.01
BARRETT_IC_3 23706	64.58 2.06 0.00	55.75 2.55 -0.01	51.41 2.49 -0.01	51.09 2.29 0.00	50.86 2.10 0.00	52.25 2.53 0.00	58.09 2.34 0.00	61.44 2.02 0.00	63.38 1.31 0.00	66.07 1.17 0.00	74.41 2.37 0.01	80.78 4.43 0.00	88.75 6.50 0.00	101.84 7.95 -1.42	108.97 9.27 -0.01	141.62 10.74 -20.10	221.59 13.76 -73.01	265.71 16.49 -85.90	174.76 14.80 -7.30	124.93 10.11 -0.01	99.81 6.68 -1.54	87.83 4.34 0.00	72.60 2.45 -0.08	62.73 0.38 0.01
BARRETT_IC_4 23707	64.58 2.06 0.00	55.75 2.55 -0.01	51.41 2.49 -0.01	51.09 2.29 0.00	50.86 2.10 0.00	52.25 2.53 0.00	58.09 2.34 0.00	61.44 2.02 0.00	63.38 1.31 0.00	66.07 1.17 0.00	74.41 2.37 0.01	80.78 4.43 0.00	88.75 6.50 0.00	101.84 7.95 -1.42	108.97 9.27 -0.01	141.62 10.74 -20.10	221.59 13.76 -73.01	265.71 16.49 -85.90	174.76 14.80 -7.30	124.93 10.11 -0.01	99.81 6.68 -1.54	87.83 4.34 0.00	72.60 2.45 -0.08	62.73 0.38 0.01
BARRETT_IC_5 23708	64.58 2.06 0.00	55.75 2.55 -0.01	51.41 2.49 -0.01	51.09 2.29 0.00	50.86 2.10 0.00	52.25 2.53 0.00	58.09 2.34 0.00	61.44 2.02 0.00	63.38 1.31 0.00	66.07 1.17 0.00	74.41 2.37 0.01	80.78 4.43 0.00	88.75 6.50 0.00	101.84 7.95 -1.42	108.97 9.27 -0.01	141.62 10.74 -20.10	221.59 13.76 -73.01	265.71 16.49 -85.90	174.76 14.80 -7.30	124.93 10.11 -0.01	99.81 6.68 -1.54	87.83 4.34 0.00	72.60 2.45 -0.08	62.73 0.38 0.01

BARRETT_IC_6 23709	64.58 2.06 0.00	55.75 2.55 -0.01	51.41 2.49 -0.01	51.09 2.29 0.00	50.86 2.10 0.00	52.25 2.53 0.00	58.09 2.34 0.00	61.44 2.02 0.00	63.38 1.31 0.00	66.07 1.17 0.00	74.41 2.37 0.01	80.78 4.43 0.00	88.75 6.50 0.00	101.84 7.95 -1.42	108.97 9.27 -0.01	141.62 10.74 -20.10	221.59 13.76 -73.01	265.71 16.49 -85.90	174.76 14.80 -7.30	124.93 10.11 -0.01	99.81 6.68 -1.54	87.83 4.34 0.00	72.60 2.45 -0.08	62.73 0.38 0.01
BARRETT_IC_7 23710	64.52 2.00 0.00	55.80 2.61 0.00	51.41 2.49 0.00	51.09 2.29 0.00	50.91 2.15 0.00	52.25 2.54 0.00	58.15 2.40 0.00	61.44 2.02 0.00	63.38 1.30 0.00	66.26 1.36 0.00	74.48 2.45 0.01	81.09 4.73 0.00	89.00 6.74 0.00	101.74 7.86 -1.42	108.96 9.27 0.00	141.63 10.75 -20.10	221.59 13.75 -73.01	265.71 16.50 -85.90	174.60 14.65 -7.30	124.92 10.10 0.00	99.72 6.59 -1.54	87.84 4.34 0.00	72.75 2.59 -0.08	62.79 0.44 0.01
BARRETT_IC_8 23711	64.58 2.06 0.00	55.75 2.55 -0.01	51.41 2.49 -0.01	51.09 2.29 0.00	50.86 2.10 0.00	52.25 2.53 0.00	58.09 2.34 0.00	61.44 2.02 0.00	63.38 1.31 0.00	66.07 1.17 0.00	74.41 2.37 0.01	80.78 4.43 0.00	88.75 6.50 0.00	101.84 7.95 -1.42	108.97 9.27 -0.01	141.62 10.74 -20.10	221.59 13.76 -73.01	265.71 16.49 -85.90	174.76 14.80 -7.30	124.93 10.11 -0.01	99.81 6.68 -1.54	87.83 4.34 0.00	72.60 2.45 -0.08	62.73 0.38 0.01
BARRETT_IC_9 23700	64.58 2.06 0.00	55.75 2.55 -0.01	51.41 2.49 -0.01	51.09 2.29 0.00	50.86 2.10 0.00	52.25 2.53 0.00	58.09 2.34 0.00	61.44 2.02 0.00	63.38 1.31 0.00	66.07 1.17 0.00	74.41 2.37 0.01	80.78 4.43 0.00	88.75 6.50 0.00	83.77 7.95 16.65	108.97 9.27 -0.01	81.63 10.74 39.90	81.63 13.76 66.95	81.63 16.49 98.18	81.63 14.80 85.83	124.91 10.11 0.01	80.21 6.68 18.07	87.83 4.34 0.00	72.60 2.45 -0.08	62.73 0.38 0.01
BARRETT___1 23545	64.58 2.06 0.00	55.75 2.55 -0.01	51.41 2.49 -0.01	51.09 2.29 0.00	50.86 2.10 0.00	52.25 2.53 0.00	58.09 2.34 0.00	61.44 2.02 0.00	63.38 1.31 0.00	66.07 1.17 0.00	74.41 2.37 0.01	80.78 4.43 0.00	88.75 6.50 0.00	101.84 7.95 -1.42	108.97 9.27 -0.01	141.62 10.74 -20.10	221.59 13.76 -73.01	265.71 16.49 -85.90	174.76 14.80 -7.30	124.93 10.11 -0.01	99.81 6.68 -1.54	87.83 4.34 0.00	72.60 2.45 -0.08	62.73 0.38 0.01
BARRETT___2 23546	64.58 2.06 0.00	55.75 2.55 -0.01	51.41 2.49 -0.01	51.09 2.29 0.00	50.86 2.10 0.00	52.25 2.53 0.00	58.09 2.34 0.00	61.44 2.02 0.00	63.38 1.31 0.00	66.07 1.17 0.00	74.41 2.37 0.01	80.78 4.43 0.00	88.75 6.50 0.00	83.77 7.95 16.65	108.97 9.27 -0.01	81.63 10.74 39.90	81.63 13.76 66.95	81.63 16.49 98.18	81.63 14.80 85.83	124.91 10.11 0.01	80.21 6.68 18.07	87.83 4.34 0.00	72.60 2.45 -0.08	62.73 0.38 0.01
BATAVIA___115KV_TB1 55881	65.58 3.06 0.00	54.31 1.12 0.00	49.35 0.44 0.00	48.75 -0.05 0.00	48.76 0.00 0.00	49.92 0.20 0.00	56.14 0.39 0.00	60.25 0.83 0.00	64.31 2.23 0.00	67.88 2.99 0.00	76.94 4.90 0.00	80.86 4.51 0.00	86.20 3.95 0.00	96.07 3.61 0.00	103.38 3.69 0.00	114.22 3.43 0.00	138.19 3.37 0.00	164.14 0.82 0.00	155.86 3.21 0.00	119.17 4.36 0.00	97.46 5.86 0.00	88.59 5.09 0.00	72.45 2.38 0.00	65.04 2.68 0.00
BAYONEEC___CTG1 323682	63.65 1.13 0.00	54.84 1.65 0.00	50.58 1.66 0.00	50.46 1.66 0.00	50.32 1.56 0.00	51.41 1.69 0.00	57.48 1.73 0.00	61.02 1.60 0.00	63.15 1.49 0.41	66.57 2.21 0.53	67.69 3.60 7.95	75.53 5.34 6.17	88.91 6.66 0.00	100.13 7.67 0.00	108.86 9.17 0.00	124.58 10.74 -3.05	151.81 13.61 -3.37	184.59 16.33 -4.93	166.69 14.04 0.00	105.08 9.30 19.03	97.63 6.23 0.20	87.75 4.26 0.00	62.98 2.52 9.61	62.29 1.18 1.25
BAYONEEC___CTG10 323750	63.65 1.13 0.00	54.84 1.65 0.00	50.58 1.66 0.00	50.46 1.66 0.00	50.32 1.56 0.00	51.41 1.69 0.00	57.48 1.73 0.00	61.02 1.60 0.00	63.15 1.49 0.41	66.57 2.21 0.53	67.69 3.60 7.95	75.53 5.34 6.17	88.91 6.66 0.00	100.13 7.67 0.00	108.86 9.17 0.00	124.58 10.74 -3.05	151.81 13.61 -3.37	184.59 16.33 -4.93	166.69 14.04 0.00	105.08 9.30 19.03	97.63 6.23 0.20	87.75 4.26 0.00	62.98 2.52 9.61	62.29 1.18 1.25
BAYONEEC___CTG2 323683	63.65 1.13 0.00	54.84 1.65 0.00	50.58 1.66 0.00	50.46 1.66 0.00	50.32 1.56 0.00	51.41 1.69 0.00	57.48 1.73 0.00	61.02 1.60 0.00	63.15 1.49 0.41	66.57 2.21 0.53	67.69 3.60 7.95	75.53 5.34 6.17	88.91 6.66 0.00	100.13 7.67 0.00	108.86 9.17 0.00	124.58 10.74 -3.05	151.81 13.61 -3.37	184.59 16.33 -4.93	166.69 14.04 0.00	105.08 9.30 19.03	97.63 6.23 0.20	87.75 4.26 0.00	62.98 2.52 9.61	62.29 1.18 1.25
BAYONEEC___CTG3 323684	63.65 1.13 0.00	54.84 1.65 0.00	50.58 1.66 0.00	50.46 1.66 0.00	50.32 1.56 0.00	51.41 1.69 0.00	57.48 1.73 0.00	61.02 1.60 0.00	63.15 1.49 0.41	66.57 2.21 0.53	67.69 3.60 7.95	75.53 5.34 6.17	88.91 6.66 0.00	100.13 7.67 0.00	108.86 9.17 0.00	124.58 10.74 -3.05	151.81 13.61 -3.37	184.59 16.33 -4.93	166.69 14.04 0.00	105.08 9.30 19.03	97.63 6.23 0.20	87.75 4.26 0.00	62.98 2.52 9.61	62.29 1.18 1.25
BAYONEEC___CTG4 323685	63.65 1.13 0.00	54.84 1.65 0.00	50.58 1.66 0.00	50.46 1.66 0.00	50.32 1.56 0.00	51.41 1.69 0.00	57.48 1.73 0.00	61.02 1.60 0.00	63.15 1.49 0.41	66.57 2.21 0.53	67.69 3.60 7.95	75.53 5.34 6.17	88.91 6.66 0.00	100.13 7.67 0.00	108.86 9.17 0.00	124.58 10.74 -3.05	151.81 13.61 -3.37	184.59 16.33 -4.93	166.69 14.04 0.00	105.08 9.30 19.03	97.63 6.23 0.20	87.75 4.26 0.00	62.98 2.52 9.61	62.29 1.18 1.25
BAYONEEC___CTG5 323686	63.65 1.13 0.00	54.84 1.65 0.00	50.58 1.66 0.00	50.46 1.66 0.00	50.32 1.56 0.00	51.41 1.69 0.00	57.48 1.73 0.00	61.02 1.60 0.00	63.15 1.49 0.41	66.57 2.21 0.53	67.69 3.60 7.95	75.53 5.34 6.17	88.91 6.66 0.00	100.13 7.67 0.00	108.86 9.17 0.00	124.58 10.74 -3.05	151.81 13.61 -3.37	184.59 16.33 -4.93	166.69 14.04 0.00	105.08 9.30 19.03	97.63 6.23 0.20	87.75 4.26 0.00	62.98 2.52 9.61	62.29 1.18 1.25
BAYONEEC___CTG6 323687	63.65 1.13 0.00	54.84 1.65 0.00	50.58 1.66 0.00	50.46 1.66 0.00	50.32 1.56 0.00	51.41 1.69 0.00	57.48 1.73 0.00	61.02 1.60 0.00	63.15 1.49 0.41	66.57 2.21 0.53	67.69 3.60 7.95	75.53 5.34 6.17	88.91 6.66 0.00	100.13 7.67 0.00	108.86 9.17 0.00	124.58 10.74 -3.05	151.81 13.61 -3.37	184.59 16.33 -4.93	166.69 14.04 0.00	105.08 9.30 19.03	97.63 6.23 0.20	87.75 4.26 0.00	62.98 2.52 9.61	62.29 1.18 1.25
BAYONEEC___CTG7 323688	63.65 1.13 0.00	54.84 1.65 0.00	50.58 1.66 0.00	50.46 1.66 0.00	50.32 1.56 0.00	51.41 1.69 0.00	57.48 1.73 0.00	61.02 1.60 0.00	63.15 1.49 0.41	66.57 2.21 0.53	67.69 3.60 7.95	75.53 5.34 6.17	88.91 6.66 0.00	100.13 7.67 0.00	108.86 9.17 0.00	124.58 10.74 -3.05	151.81 13.61 -3.37	184.59 16.33 -4.93	166.69 14.04 0.00	105.08 9.30 19.03	97.63 6.23 0.20	87.75 4.26 0.00	62.98 2.52 9.61	62.29 1.18 1.25

BAYONEEC___CTG8 323689	63.65 1.13 0.00	54.84 1.65 0.00	50.58 1.66 0.00	50.46 1.66 0.00	50.32 1.56 0.00	51.41 1.69 0.00	57.48 1.73 0.00	61.02 1.60 0.00	63.15 1.49 0.41	66.57 2.21 0.53	67.69 3.60 7.95	75.53 5.34 6.17	88.91 6.66 0.00	100.13 7.67 0.00	108.86 9.17 0.00	124.58 10.74 -3.05	151.81 13.61 -3.37	184.59 16.33 -4.93	166.69 14.04 0.00	105.08 9.30 19.03	97.63 6.23 0.20	87.75 4.26 0.00	62.98 2.52 9.61	62.29 1.18 1.25
BAYONEEC___CTG9 323749	63.65 1.13 0.00	54.84 1.65 0.00	50.58 1.66 0.00	50.46 1.66 0.00	50.32 1.56 0.00	51.41 1.69 0.00	57.48 1.73 0.00	61.02 1.60 0.00	63.15 1.49 0.41	66.57 2.21 0.53	67.69 3.60 7.95	75.53 5.34 6.17	88.91 6.66 0.00	100.13 7.67 0.00	108.86 9.17 0.00	124.58 10.74 -3.05	151.81 13.61 -3.37	184.59 16.33 -4.93	166.69 14.04 0.00	105.08 9.30 19.03	97.63 6.23 0.20	87.75 4.26 0.00	62.98 2.52 9.61	62.29 1.18 1.25
BEACON___LESR 323632	62.83 0.31 0.00	53.56 0.37 0.00	49.40 0.49 0.00	49.34 0.54 0.00	49.35 0.59 0.00	50.27 0.55 0.00	56.37 0.61 0.00	59.84 0.42 0.00	62.32 0.25 0.00	65.42 0.52 0.00	72.98 0.93 0.00	78.34 1.98 0.00	84.80 2.55 0.00	95.61 3.15 0.00	103.08 3.39 0.00	60.22 3.98 54.54	59.22 5.40 81.01	61.43 7.02 108.91	122.36 6.11 36.40	85.02 4.25 34.04	75.01 2.93 19.51	74.62 1.92 10.79	71.26 1.19 0.00	62.86 0.50 0.00
BEAVER RIVER___HYD 24048	65.27 2.75 0.00	55.16 1.97 0.00	50.43 1.52 0.00	50.36 1.56 0.00	50.32 1.56 0.00	51.46 1.74 0.00	58.04 2.29 0.00	61.97 2.55 0.00	64.43 2.36 0.00	66.98 2.08 0.00	74.13 2.09 0.00	77.96 1.61 0.00	83.32 1.07 0.00	93.58 1.11 0.00	100.40 0.70 0.00	111.78 0.99 0.00	135.37 0.54 0.00	165.61 2.29 0.00	156.31 3.66 0.00	119.17 4.36 0.00	95.35 3.76 0.00	86.84 3.34 0.00	73.29 3.22 0.00	65.10 2.74 0.00
BEEBEE_GT_13 23619	64.08 1.56 0.00	53.51 0.32 0.00	48.81 -0.10 0.00	48.31 -0.49 0.00	48.32 -0.44 0.00	49.37 -0.35 0.00	55.53 -0.22 0.00	59.71 0.30 0.00	63.50 1.43 0.00	67.04 2.14 0.00	75.79 3.75 0.00	79.95 3.59 0.00	85.38 3.13 0.00	95.33 2.87 0.00	102.68 2.99 0.00	113.55 2.77 0.00	137.52 2.70 0.00	164.30 0.98 0.00	154.94 2.29 0.00	117.80 2.99 0.00	95.44 3.85 0.00	86.84 3.34 0.00	71.47 1.40 0.00	63.67 1.31 0.00
BENSHRST_27_KV_BENSHRST_1 355998	63.95 1.44 0.01	55.32 2.13 0.00	51.36 2.45 0.00	51.19 2.39 0.00	51.10 2.34 0.00	51.91 2.19 0.00	57.87 2.12 0.00	61.08 1.66 0.00	63.46 1.80 0.41	66.95 2.60 0.54	68.33 4.25 7.96	76.29 6.11 6.17	89.65 7.40 0.00	100.69 8.23 0.00	109.56 9.87 0.00	125.36 11.52 -3.05	152.88 14.70 -3.36	185.90 17.64 -4.93	168.06 15.42 0.01	106.22 10.45 19.04	98.26 6.87 0.20	88.50 5.01 0.01	63.68 3.22 9.61	62.72 1.62 1.26
BETHLEHEM___GRP 23843	61.77 -0.75 0.00	52.76 -0.43 0.00	48.67 -0.24 0.00	48.70 -0.10 0.00	48.61 -0.15 0.00	49.52 -0.20 0.00	55.42 -0.33 0.00	58.82 -0.59 0.00	61.33 -0.74 0.00	64.32 -0.58 0.00	71.83 -0.22 0.00	77.04 0.69 0.00	83.40 1.15 0.00	93.94 1.48 0.00	101.49 1.79 0.00	83.24 2.10 29.65	86.37 2.97 51.42	100.66 3.92 66.59	123.15 3.21 32.70	86.30 2.07 30.58	75.16 1.10 17.53	74.22 0.42 9.70	70.07 0.00 0.00	61.74 -0.62 0.00
BETHLEHEM___GS1 323560	61.77 -0.75 0.00	52.76 -0.43 0.00	48.67 -0.24 0.00	48.65 -0.15 0.00	48.66 -0.10 0.00	49.52 -0.20 0.00	55.42 -0.33 0.00	58.82 -0.59 0.00	61.33 -0.74 0.00	64.31 -0.59 0.00	71.83 -0.22 0.00	77.04 0.69 0.00	83.40 1.15 0.00	94.03 1.57 0.00	101.49 1.80 0.00	83.23 2.10 29.65	86.37 2.96 51.42	100.65 3.91 66.59	123.16 3.21 32.70	86.30 2.07 30.58	75.25 1.19 17.53	74.22 0.42 9.70	70.00 -0.07 0.00	61.74 -0.62 0.00
BETHLEHEM___GS2 323561	61.77 -0.75 0.00	52.76 -0.43 0.00	48.67 -0.24 0.00	48.65 -0.15 0.00	48.66 -0.10 0.00	49.52 -0.20 0.00	55.42 -0.33 0.00	58.82 -0.59 0.00	61.33 -0.74 0.00	64.31 -0.59 0.00	71.83 -0.22 0.00	77.04 0.69 0.00	83.40 1.15 0.00	94.03 1.57 0.00	101.49 1.80 0.00	83.23 2.10 29.65	86.37 2.96 51.42	100.65 3.91 66.59	123.16 3.21 32.70	86.30 2.07 30.58	75.25 1.19 17.53	74.22 0.42 9.70	70.00 -0.07 0.00	61.74 -0.62 0.00
BETHLEHEM___GS3 323562	61.77 -0.75 0.00	52.76 -0.43 0.00	48.67 -0.24 0.00	48.65 -0.15 0.00	48.66 -0.10 0.00	49.52 -0.20 0.00	55.42 -0.33 0.00	58.82 -0.59 0.00	61.33 -0.74 0.00	64.31 -0.59 0.00	71.83 -0.22 0.00	77.04 0.69 0.00	83.40 1.15 0.00	94.03 1.57 0.00	101.49 1.80 0.00	83.23 2.10 29.65	86.37 2.96 51.42	100.65 3.91 66.59	123.16 3.21 32.70	86.30 2.07 30.58	75.25 1.19 17.53	74.22 0.42 9.70	70.00 -0.07 0.00	61.74 -0.62 0.00
BETHLEHEM___STEEL 23779	64.46 1.94 0.00	53.35 0.16 0.00	48.33 -0.59 0.00	47.92 -0.88 0.00	47.93 -0.83 0.00	48.92 -0.80 0.00	55.14 -0.61 0.00	59.48 0.06 0.00	63.50 1.43 0.00	67.17 2.27 0.00	76.15 4.11 0.00	80.10 3.74 0.00	85.54 3.29 0.00	95.33 2.87 0.00	102.38 2.69 0.00	113.33 2.55 0.00	136.98 2.16 0.00	161.85 -1.47 0.00	153.87 1.22 0.00	117.80 2.99 0.00	96.26 4.67 0.00	87.67 4.17 0.00	71.68 1.61 0.00	64.36 2.00 0.00
BETHLHEM_115KV_TB1 79974	61.89 -0.63 0.00	52.87 -0.32 0.00	48.81 -0.10 0.00	48.80 0.00 0.00	48.76 0.00 0.00	49.67 -0.05 0.00	55.59 -0.17 0.00	59.00 -0.42 0.00	61.45 -0.62 0.00	64.51 -0.39 0.00	72.04 0.00 0.00	77.27 0.92 0.00	83.65 1.40 0.00	94.22 1.76 0.00	101.69 1.99 0.00	85.22 2.33 27.89	89.93 3.24 48.13	105.17 4.25 62.40	125.82 3.51 30.34	88.74 2.30 28.37	76.61 1.28 16.26	75.17 0.67 9.00	70.21 0.14 0.00	61.92 -0.44 0.00
BETHPAGE_CC_5 323564	64.39 1.87 0.00	55.75 2.55 -0.01	51.36 2.44 -0.01	51.00 2.20 0.00	50.76 2.00 0.00	52.20 2.48 0.00	58.20 2.45 0.00	61.67 2.26 0.00	63.56 1.49 0.00	66.13 1.23 0.00	74.19 2.16 0.01	80.86 4.50 0.00	89.07 6.82 0.00	100.69 8.69 0.46	110.61 10.17 -0.75	138.18 11.86 -15.53	209.02 15.23 -58.96	248.78 18.29 -67.17	167.62 16.17 1.21	127.41 11.02 -1.58	98.82 7.33 0.10	88.17 4.67 0.00	72.31 2.24 0.00	62.41 0.06 0.01
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	64.58 2.06 0.00	53.46 0.27 0.00	48.42 -0.49 0.00	47.97 -0.83 0.00	48.03 -0.73 0.00	48.97 -0.75 0.00	55.25 -0.50 0.00	59.60 0.18 0.00	63.69 1.61 0.00	67.37 2.47 0.00	76.36 4.32 0.00	80.40 4.05 0.00	85.87 3.62 0.00	95.70 3.24 0.00	102.78 3.09 0.00	113.89 3.10 0.00	137.79 2.97 0.00	162.67 -0.65 0.00	154.64 1.98 0.00	118.26 3.44 0.00	96.63 5.04 0.00	87.92 4.43 0.00	71.89 1.82 0.00	64.48 2.12 0.00
BINGHAMTON___COGEN 23790	63.27 0.75 0.00	53.46 0.27 0.00	48.96 0.05 0.00	48.80 0.00 0.00	48.81 0.05 0.00	49.77 0.05 0.00	55.92 0.17 0.00	59.89 0.48 0.00	62.76 0.68 0.00	66.07 1.17 0.00	74.13 2.09 0.00	78.88 2.52 0.00	84.72 2.47 0.00	95.05 2.59 0.00	102.28 2.59 0.00	113.55 2.77 0.00	138.33 3.51 0.00	166.59 3.27 0.00	156.62 3.97 0.00	118.37 3.56 0.00	94.89 3.30 0.00	86.25 2.76 0.00	71.26 1.19 0.00	63.23 0.87 0.00

BIXINCNT_115KV_LOAD 355685	64.33 1.81 0.00	53.24 0.05 0.00	48.08 -0.83 0.00	47.72 -1.07 0.00	47.69 -1.07 0.00	48.67 -1.04 0.00	54.97 -0.78 0.00	59.48 0.06 0.00	63.63 1.55 0.00	67.37 2.47 0.00	76.22 4.18 0.00	80.40 4.05 0.00	85.95 3.70 0.00	95.61 3.14 0.00	102.78 3.09 0.00	114.00 3.21 0.00	138.19 3.37 0.00	163.49 0.16 0.00	155.40 2.75 0.00	119.17 4.36 0.00	97.00 5.40 0.00	88.25 4.76 0.00	71.96 1.89 0.00	64.42 2.06 0.00
BLACK RIVER___HYD 24047	66.33 3.81 0.00	55.95 2.76 0.00	51.06 2.15 0.00	51.00 2.20 0.00	51.00 2.24 0.00	52.15 2.44 0.00	58.87 3.12 0.00	62.92 3.50 0.00	65.36 3.29 0.00	68.08 3.18 0.00	75.57 3.53 0.00	79.71 3.36 0.00	85.13 2.88 0.00	95.79 3.32 0.00	102.68 2.99 0.00	114.33 3.54 0.00	138.47 3.64 0.00	169.37 6.05 0.00	160.43 7.78 0.00	122.27 7.46 0.00	97.91 6.32 0.00	88.92 5.42 0.00	74.69 4.62 0.00	66.17 3.80 0.00
BLACKRVR_115KV_TB2 79977	66.33 3.81 0.00	55.90 2.71 0.00	51.06 2.15 0.00	50.99 2.20 0.00	51.00 2.24 0.00	52.15 2.44 0.00	58.88 3.12 0.00	62.92 3.51 0.00	65.36 3.29 0.00	68.08 3.18 0.00	75.57 3.53 0.00	79.72 3.36 0.00	85.13 2.88 0.00	95.79 3.33 0.00	102.68 2.99 0.00	114.33 3.55 0.00	138.46 3.64 0.00	169.37 6.04 0.00	160.44 7.79 0.00	122.27 7.46 0.00	98.01 6.41 0.00	88.92 5.43 0.00	74.69 4.62 0.00	66.16 3.80 0.00
BLDWN_LI_69_KV_BK4 356085	65.02 2.50 0.00	56.17 2.98 0.00	51.75 2.84 0.00	51.38 2.59 0.00	51.20 2.44 0.00	52.55 2.83 0.00	58.65 2.90 0.00	62.03 2.61 0.00	64.06 1.99 0.00	66.98 2.08 0.00	75.06 3.03 0.01	81.78 5.42 0.00	89.57 7.32 0.00	101.43 8.97 0.00	110.26 10.57 0.00	138.59 12.41 -15.40	212.65 15.77 -62.05	253.91 19.11 -71.48	169.60 16.94 0.00	126.52 11.71 0.00	99.38 7.79 0.00	88.92 5.43 0.00	73.39 3.29 -0.02	63.35 1.00 0.01
BLISS_WT_PWR 323608	64.27 1.75 0.00	53.19 0.00 0.00	47.98 -0.93 0.00	47.63 -1.17 0.00	47.59 -1.17 0.00	48.58 -1.14 0.00	54.86 -0.89 0.00	59.42 0.00 0.00	63.56 1.49 0.00	67.30 2.40 0.00	76.15 4.10 0.00	80.32 3.97 0.00	86.12 3.87 0.00	96.26 3.79 0.00	102.68 2.99 0.00	113.88 3.10 0.00	138.05 3.23 0.00	163.65 0.33 0.00	155.25 2.59 0.00	119.17 4.36 0.00	97.27 5.68 0.00	88.17 4.67 0.00	72.24 2.17 0.00	64.42 2.05 0.00
BLUESTONE___WT_PWR 323821	66.33 3.81 0.00	55.95 2.76 0.00	51.12 2.20 0.00	51.04 2.25 0.00	51.05 2.29 0.00	52.20 2.48 0.00	58.87 3.12 0.00	63.22 3.81 0.00	65.86 3.79 0.00	69.25 4.35 0.00	77.73 5.69 0.00	82.92 6.57 0.00	88.83 6.58 0.00	100.50 8.04 0.00	107.87 8.18 0.00	119.97 9.19 0.00	145.61 10.79 0.00	176.55 13.22 0.00	166.24 13.58 0.00	125.26 10.45 0.00	100.11 8.52 0.00	90.59 7.09 0.00	74.97 4.90 0.00	66.23 3.87 0.00
BLUE_CIRC_CHEM_DRP 24182	61.58 -0.94 0.00	52.55 -0.64 0.00	48.47 -0.44 0.00	48.50 -0.29 0.00	48.42 -0.34 0.00	49.32 -0.40 0.00	55.14 -0.61 0.00	58.41 -1.01 0.00	60.65 -1.43 0.00	63.47 -1.43 0.00	70.75 -1.30 0.00	75.75 -0.61 0.00	81.92 -0.33 0.00	92.28 -0.18 0.00	99.69 0.00 0.00	83.88 0.33 27.23	93.23 0.81 42.40	108.46 1.47 56.33	132.28 1.22 21.60	95.31 0.69 20.19	80.20 0.18 11.58	76.84 -0.25 6.40	69.51 -0.56 0.00	61.43 -0.94 0.00
BOC_GAS_DRP 24189	62.27 -0.25 0.00	53.24 0.05 0.00	49.06 0.15 0.00	49.09 0.29 0.00	49.00 0.24 0.00	49.92 0.20 0.00	55.87 0.11 0.00	59.36 -0.06 0.00	61.83 -0.25 0.00	64.90 0.00 0.00	72.47 0.43 0.00	77.65 1.30 0.00	83.98 1.73 0.00	94.59 2.13 0.00	102.18 2.49 0.00	95.42 2.77 18.13	108.75 3.78 29.85	128.77 4.57 39.13	139.41 3.97 17.21	101.36 2.64 16.09	84.02 1.65 9.22	79.48 1.09 5.10	70.56 0.49 0.00	62.24 -0.12 0.00
BOONVILLE_115KV_TB1 79983	64.71 2.19 0.00	54.78 1.60 0.00	50.14 1.22 0.00	50.07 1.27 0.00	50.03 1.27 0.00	51.11 1.39 0.00	57.54 1.78 0.00	61.50 2.08 0.00	64.06 1.99 0.00	66.98 2.08 0.00	74.56 2.52 0.00	79.03 2.67 0.00	84.55 2.30 0.00	95.24 2.77 0.00	102.48 2.79 0.00	114.00 3.21 0.00	138.33 3.51 0.00	168.39 5.06 0.00	158.30 5.65 0.00	119.75 4.94 0.00	95.53 3.94 0.00	86.84 3.34 0.00	72.94 2.87 0.00	64.67 2.31 0.00
BORALEX_4TH_BRANCH 23824	64.40 1.88 0.00	55.00 1.81 0.00	50.67 1.76 0.00	50.55 1.76 0.00	50.52 1.76 0.00	51.56 1.84 0.00	57.70 1.95 0.00	61.44 2.02 0.00	64.00 1.92 0.00	67.24 2.34 0.00	75.14 3.10 0.00	81.01 4.66 0.00	87.84 5.59 0.00	98.84 6.38 0.00	106.97 7.28 0.00	137.58 8.20 -18.60	196.43 10.52 -51.09	236.67 12.74 -60.61	217.74 11.60 -53.48	173.20 8.38 -50.01	126.31 6.05 -28.67	104.20 4.84 -15.86	73.50 3.43 0.00	64.67 2.31 0.00
BOWLINE___1 23526	63.14 0.63 0.00	54.20 1.01 0.00	49.94 1.03 0.00	49.82 1.03 0.00	49.74 0.97 0.00	50.76 1.05 0.00	56.87 1.11 0.00	60.43 1.01 0.00	63.01 0.93 0.00	66.33 1.43 0.00	74.63 2.59 0.00	80.55 4.20 0.00	87.59 5.34 0.00	98.75 6.29 0.00	107.07 7.38 0.00	122.36 8.75 -2.83	149.40 11.45 -3.12	181.61 13.72 -4.57	164.71 12.06 0.00	122.85 8.03 0.00	96.90 5.31 0.00	87.17 3.67 0.00	72.03 1.96 0.00	63.11 0.75 0.00
BOWLINE___2 23595	63.27 0.75 0.00	54.31 1.12 0.00	50.04 1.13 0.00	49.92 1.12 0.00	49.83 1.07 0.00	50.86 1.14 0.00	56.93 1.17 0.00	60.54 1.13 0.00	63.06 0.99 0.00	66.45 1.56 0.00	74.78 2.74 0.00	80.71 4.35 0.00	87.68 5.43 0.00	98.93 6.47 0.00	107.27 7.57 0.00	122.58 8.97 -2.83	149.67 11.72 -3.12	181.94 14.05 -4.57	164.87 12.22 0.00	123.08 8.27 0.00	97.09 5.50 0.00	87.34 3.84 0.00	72.17 2.10 0.00	63.23 0.87 0.00
BRADY___115KV_TB2 356060	64.96 2.44 0.00	55.32 2.13 0.00	50.77 1.86 0.00	50.60 1.81 0.00	50.61 1.85 0.00	51.61 1.89 0.00	58.15 2.40 0.00	61.56 2.14 0.00	64.00 1.92 0.00	66.07 1.17 0.00	72.04 0.00 0.00	74.68 -1.68 0.00	80.03 -2.22 0.00	89.60 -2.87 0.00	95.70 -3.99 0.00	106.35 -4.43 0.00	129.03 -5.80 0.00	157.93 -5.39 0.00	148.07 -4.58 0.00	112.06 -2.76 0.00	90.40 -1.19 0.00	83.08 -0.42 0.00	71.19 1.12 0.00	64.11 1.75 0.00
BRANSCOMB___SOLAR 323811	64.89 2.38 0.00	55.21 2.02 0.00	50.77 1.86 0.00	50.65 1.85 0.00	50.66 1.90 0.00	51.65 1.94 0.00	57.93 2.17 0.00	61.55 2.14 0.00	64.00 1.93 0.00	66.84 1.95 0.00	74.28 2.24 0.00	79.64 3.28 0.00	86.20 3.95 0.00	97.08 4.62 0.00	104.68 4.98 0.00	131.85 5.87 -15.20	182.21 7.55 -39.84	221.07 10.13 -47.62	202.93 9.92 -40.36	160.12 7.58 -37.74	119.18 5.95 -21.63	100.05 4.59 -11.97	73.57 3.50 0.00	64.92 2.56 0.00
BRDGHMPT_69_KV_BK1 55812	66.21 3.69 0.00	57.39 4.20 0.00	52.97 4.06 0.00	52.60 3.81 0.00	52.37 3.61 0.00	53.99 4.28 0.00	60.16 4.40 0.00	63.46 4.04 0.00	65.36 3.29 0.00	68.21 3.31 0.00	76.72 4.68 0.01	83.76 7.41 0.00	92.78 10.53 0.00	105.81 13.04 -0.30	130.06 14.36 -16.01	241.09 16.29 -114.02	251.93 20.49 -96.61	290.48 24.50 -102.66	245.81 22.29 -70.87	220.49 15.38 -90.30	126.73 11.17 -23.96	91.26 7.77 0.00	74.34 4.27 0.00	64.03 1.68 0.02

CORONA__69_KV_TB1 355595	65.08 2.56 0.00	56.17 2.98 0.00	51.75 2.84 0.00	51.38 2.59 0.00	51.25 2.49 0.00	52.55 2.83 0.00	58.60 2.84 0.00	62.03 2.61 0.00	64.12 2.05 0.00	67.11 2.21 0.00	75.57 3.53 0.01	82.24 5.88 0.00	90.23 7.98 0.00	102.77 9.52 -0.78	110.86 11.17 0.00	141.61 12.85 -17.98	219.08 16.18 -68.07	262.32 19.60 -79.40	174.07 17.40 -4.01	127.10 12.28 0.00	100.77 8.34 -0.84	89.26 5.76 0.00	73.55 3.43 -0.05	63.60 1.25 0.01
CORTLAND__115KV_TB3 80093	63.46 0.94 0.00	53.67 0.48 0.00	49.16 0.24 0.00	48.99 0.20 0.00	48.96 0.20 0.00	49.97 0.25 0.00	56.20 0.45 0.00	60.19 0.77 0.00	62.88 0.81 0.00	66.07 1.17 0.00	73.99 1.95 0.00	78.72 2.37 0.00	84.31 2.06 0.00	94.68 2.22 0.00	101.99 2.29 0.00	113.33 2.55 0.00	137.92 3.10 0.00	166.75 3.43 0.00	156.62 3.97 0.00	118.37 3.56 0.00	94.71 3.11 0.00	86.08 2.59 0.00	71.54 1.47 0.00	63.36 1.00 0.00
COXSACKIE__GT 23611	65.27 2.75 0.00	55.32 2.13 0.00	50.92 2.01 0.00	50.85 2.05 0.00	50.86 2.10 0.00	51.71 1.99 0.00	58.04 2.29 0.00	61.14 1.72 0.00	63.31 1.24 0.00	66.00 1.10 0.00	73.34 1.30 0.00	78.42 2.06 0.00	84.88 2.63 0.00	95.89 3.42 0.00	103.48 3.79 0.00	87.34 5.76 29.20	99.21 8.90 44.51	116.45 12.58 59.45	143.52 12.36 21.49	104.14 9.42 20.09	87.31 7.23 11.52	82.88 5.76 6.37	73.78 3.71 0.00	64.98 2.62 0.00
CPV_VALLEY__CC1 323721	62.90 0.38 0.00	53.83 0.64 0.00	49.60 0.68 0.00	49.53 0.73 0.00	49.44 0.68 0.00	50.46 0.75 0.00	56.48 0.72 0.00	60.07 0.65 0.00	62.63 0.56 0.00	65.87 0.97 0.00	73.99 1.95 0.00	79.64 3.28 0.00	86.36 4.11 0.00	97.36 4.90 0.00	105.47 5.78 0.00	119.74 6.76 -2.19	146.14 8.90 -2.42	177.48 10.61 -3.54	161.97 9.31 0.00	121.12 6.31 0.00	95.72 4.13 0.00	86.34 2.84 0.00	71.54 1.47 0.00	62.86 0.50 0.00
CPV_VALLEY__CC2 323722	62.90 0.38 0.00	53.83 0.64 0.00	49.60 0.68 0.00	49.53 0.73 0.00	49.44 0.68 0.00	50.46 0.75 0.00	56.48 0.72 0.00	60.07 0.65 0.00	62.63 0.56 0.00	65.87 0.97 0.00	73.99 1.95 0.00	79.64 3.28 0.00	86.36 4.11 0.00	97.36 4.90 0.00	105.47 5.78 0.00	119.74 6.76 -2.19	146.14 8.90 -2.42	177.48 10.61 -3.54	161.97 9.31 0.00	121.12 6.31 0.00	95.72 4.13 0.00	86.34 2.84 0.00	71.54 1.47 0.00	62.86 0.50 0.00
CRESCENT__HYD 24018	63.89 1.37 0.00	54.46 1.27 0.00	50.18 1.27 0.00	50.12 1.32 0.00	50.08 1.32 0.00	51.06 1.34 0.00	57.15 1.39 0.00	60.79 1.37 0.00	63.38 1.31 0.00	66.39 1.49 0.00	74.13 2.09 0.00	79.56 3.21 0.00	86.20 3.95 0.00	97.08 4.62 0.00	104.77 5.08 0.00	138.34 5.87 -21.68	206.16 7.55 -63.79	247.67 9.47 -74.88	231.10 8.70 -69.74	186.33 6.31 -65.21	133.65 4.67 -37.38	107.68 3.51 -20.68	72.52 2.45 0.00	63.98 1.62 0.00
CRICKET__VALLEY_CC1 323756	63.02 0.50 0.00	54.04 0.85 0.00	49.79 0.88 0.00	49.72 0.92 0.00	49.64 0.88 0.00	50.66 0.94 0.00	56.64 0.89 0.00	60.25 0.83 0.00	62.76 0.68 0.00	66.00 1.10 0.00	74.13 2.09 0.00	80.02 3.66 0.00	86.94 4.69 0.00	98.01 5.55 0.00	106.17 6.48 0.00	122.52 7.54 -4.20	149.30 9.84 -4.64	181.88 11.77 -6.79	163.04 10.39 0.00	121.82 7.00 0.00	96.26 4.67 0.00	86.67 3.17 0.00	71.89 1.82 0.00	63.05 0.69 0.00
CRICKET__VALLEY_CC2 323757	63.02 0.50 0.00	54.04 0.85 0.00	49.79 0.88 0.00	49.72 0.92 0.00	49.64 0.88 0.00	50.66 0.94 0.00	56.64 0.89 0.00	60.25 0.83 0.00	62.76 0.68 0.00	66.00 1.10 0.00	74.13 2.09 0.00	80.02 3.66 0.00	86.94 4.69 0.00	98.01 5.55 0.00	106.17 6.48 0.00	122.52 7.54 -4.20	149.30 9.84 -4.64	181.88 11.77 -6.79	163.04 10.39 0.00	121.82 7.00 0.00	96.26 4.67 0.00	86.67 3.17 0.00	71.89 1.82 0.00	63.05 0.69 0.00
CRICKET__VALLEY_CC3 323758	63.02 0.50 0.00	54.04 0.85 0.00	49.79 0.88 0.00	49.72 0.92 0.00	49.64 0.88 0.00	50.66 0.94 0.00	56.64 0.89 0.00	60.25 0.83 0.00	62.76 0.68 0.00	66.00 1.10 0.00	74.13 2.09 0.00	80.02 3.66 0.00	86.94 4.69 0.00	98.01 5.55 0.00	106.17 6.48 0.00	122.52 7.54 -4.20	149.30 9.84 -4.64	181.88 11.77 -6.79	163.04 10.39 0.00	121.82 7.00 0.00	96.26 4.67 0.00	86.67 3.17 0.00	71.89 1.82 0.00	63.05 0.69 0.00
CRUCIBLE__METL_DRP 24180	62.27 -0.25 0.00	52.71 -0.48 0.00	48.28 -0.64 0.00	48.07 -0.73 0.00	48.03 -0.73 0.00	49.02 -0.70 0.00	55.08 -0.67 0.00	59.00 -0.42 0.00	61.83 -0.25 0.00	64.96 0.06 0.00	72.62 0.58 0.00	77.20 0.84 0.00	82.83 0.58 0.00	92.93 0.46 0.00	100.09 0.40 0.00	111.12 0.33 0.00	135.09 0.27 0.00	163.16 -0.16 0.00	152.96 0.31 0.00	115.39 0.57 0.00	92.42 0.82 0.00	84.00 0.50 0.00	69.93 -0.14 0.00	61.99 -0.37 0.00
DAHOWA__HYDRO 323763	65.21 2.69 0.00	55.42 2.23 0.00	50.92 2.01 0.00	50.80 2.00 0.00	50.81 2.05 0.00	51.85 2.14 0.00	58.15 2.40 0.00	61.80 2.38 0.00	64.25 2.17 0.00	67.17 2.27 0.00	74.56 2.52 0.00	79.87 3.51 0.00	86.44 4.19 0.00	97.36 4.90 0.00	104.87 5.18 0.00	131.07 6.09 -14.20	178.83 7.95 -36.05	217.25 10.61 -43.32	198.85 10.53 -35.67	156.31 8.15 -33.35	117.12 6.41 -19.12	99.00 4.93 -10.58	73.85 3.78 0.00	65.23 2.87 0.00
DANC__LFGE 323619	64.27 1.75 0.00	54.25 1.06 0.00	49.65 0.73 0.00	49.48 0.68 0.00	49.49 0.73 0.00	50.61 0.90 0.00	56.98 1.23 0.00	60.96 1.54 0.00	63.50 1.43 0.00	66.33 1.43 0.00	73.84 1.80 0.00	78.19 1.83 0.00	83.65 1.40 0.00	94.13 1.67 0.00	100.99 1.29 0.00	112.33 1.55 0.00	136.17 1.35 0.00	165.78 2.45 0.00	156.17 3.51 0.00	118.59 3.78 0.00	94.98 3.39 0.00	86.34 2.84 0.00	72.31 2.24 0.00	64.10 1.74 0.00
DANSKAMMER__1 23586	64.33 1.81 0.00	55.00 1.81 0.00	50.67 1.76 0.00	50.55 1.75 0.00	50.47 1.71 0.00	51.50 1.79 0.00	57.76 2.00 0.00	61.38 1.96 0.00	64.06 1.99 0.00	67.50 2.60 0.00	76.00 3.96 0.00	81.93 5.57 0.00	88.91 6.66 0.00	100.23 7.77 0.00	108.56 8.87 0.00	123.39 10.30 -2.30	150.97 13.61 -2.54	183.53 16.49 -3.71	167.31 14.66 0.00	124.92 10.11 0.00	98.55 6.96 0.00	88.76 5.26 0.00	73.36 3.29 0.00	64.30 1.94 0.00
DANSKAMMER__2 23589	64.33 1.81 0.00	55.00 1.81 0.00	50.67 1.76 0.00	50.55 1.75 0.00	50.47 1.71 0.00	51.50 1.79 0.00	57.76 2.00 0.00	61.38 1.96 0.00	64.06 1.99 0.00	67.50 2.60 0.00	76.00 3.96 0.00	81.93 5.57 0.00	88.91 6.66 0.00	100.23 7.77 0.00	108.56 8.87 0.00	123.39 10.30 -2.30	150.97 13.61 -2.54	183.53 16.49 -3.71	167.31 14.66 0.00	124.92 10.11 0.00	98.55 6.96 0.00	88.76 5.26 0.00	73.36 3.29 0.00	64.30 1.94 0.00
DANSKAMMER__3 23590	64.33 1.81 0.00	55.00 1.81 0.00	50.67 1.76 0.00	50.55 1.75 0.00	50.47 1.71 0.00	51.50 1.79 0.00	57.76 2.00 0.00	61.38 1.96 0.00	64.06 1.99 0.00	67.50 2.60 0.00	76.00 3.96 0.00	81.93 5.57 0.00	88.91 6.66 0.00	100.23 7.77 0.00	108.56 8.87 0.00	123.39 10.30 -2.30	150.97 13.61 -2.54	183.53 16.49 -3.71	167.31 14.66 0.00	124.92 10.11 0.00	98.55 6.96 0.00	88.76 5.26 0.00	73.36 3.29 0.00	64.30 1.94 0.00

FREEPORT_EQUS_GT1 23764	65.02 2.50 0.00	56.12 2.92 -0.01	51.71 2.79 -0.01	51.38 2.58 0.00	51.15 2.39 0.00	52.55 2.83 0.00	58.60 2.84 0.00	62.09 2.68 0.00	64.06 1.99 0.00	66.78 1.88 0.00	74.92 2.88 0.01	81.55 5.19 0.00	89.40 7.15 0.00	101.44 8.97 -0.01	110.26 10.56 -0.01	138.48 12.30 -15.40	212.64 15.77 -62.05	253.73 18.94 -71.48	169.60 16.94 -0.01	126.41 11.59 -0.01	99.37 7.78 0.00	88.84 5.35 0.00	73.24 3.16 -0.02	63.29 0.94 0.01
FREEPORT___CT2 23818	65.02 2.50 0.00	56.12 2.92 -0.01	51.71 2.79 -0.01	51.38 2.58 0.00	51.15 2.39 0.00	52.55 2.83 0.00	58.60 2.84 0.00	62.09 2.68 0.00	64.06 1.99 0.00	66.78 1.88 0.00	74.92 2.88 0.01	81.55 5.19 0.00	89.40 7.15 0.00	101.44 8.97 -0.01	110.26 10.56 -0.01	138.48 12.30 -15.40	212.64 15.77 -62.05	253.73 18.94 -71.48	169.60 16.94 -0.01	126.41 11.59 -0.01	99.37 7.78 0.00	88.84 5.35 0.00	73.24 3.16 -0.02	63.29 0.94 0.01
FRESHKLS_33_KV_LOAD 356253	52.98 0.63 10.17	52.78 1.44 1.84	50.92 2.01 0.00	50.85 2.05 0.00	50.71 1.95 0.00	51.41 1.69 0.00	52.65 1.39 4.50	52.31 0.89 8.00	52.59 1.06 10.54	54.57 1.75 12.08	55.95 3.24 19.34	57.44 5.04 23.96	72.78 6.33 15.81	73.55 6.93 25.85	82.21 8.47 25.95	108.67 9.97 12.08	119.92 12.81 27.71	157.20 15.35 21.48	142.62 13.43 23.47	102.89 9.18 21.11	76.34 5.68 20.93	61.45 3.92 25.97	56.20 2.31 16.19	54.89 0.81 8.28
FULTON COGEN____ 23766	61.71 -0.81 0.00	52.23 -0.96 0.00	47.93 -0.98 0.00	47.72 -1.07 0.00	47.69 -1.07 0.00	48.67 -1.04 0.00	54.69 -1.06 0.00	58.53 -0.89 0.00	61.27 -0.81 0.00	64.38 -0.52 0.00	71.97 -0.07 0.00	76.51 0.15 0.00	82.17 -0.08 0.00	92.19 -0.28 0.00	99.39 -0.30 0.00	110.34 -0.44 0.00	134.28 -0.54 0.00	162.18 -1.14 0.00	152.04 -0.61 0.00	114.70 -0.11 0.00	91.78 0.18 0.00	83.50 0.00 0.00	69.44 -0.63 0.00	61.61 -0.75 0.00
FULTON___LFGE 323630	66.83 4.31 0.00	56.70 3.51 0.00	52.00 3.08 0.00	51.87 3.08 0.00	51.98 3.22 0.00	53.10 3.38 0.00	59.60 3.84 0.00	62.86 3.44 0.00	64.68 2.61 0.00	66.91 2.01 0.00	73.91 1.87 0.00	78.95 2.60 0.00	85.46 3.20 0.00	96.53 4.06 0.00	104.38 4.69 0.00	123.36 6.20 -6.38	150.37 8.50 -7.04	186.38 12.75 -10.31	165.93 13.27 0.00	125.72 10.91 0.00	100.30 8.71 0.00	90.59 7.09 0.00	75.68 5.61 0.00	66.72 4.36 0.00
G.F.CEMENT___DRP 24184	65.52 3.00 0.00	55.64 2.45 0.00	51.06 2.15 0.00	50.90 2.10 0.00	50.95 2.19 0.00	51.95 2.24 0.00	58.37 2.62 0.00	62.03 2.61 0.00	64.56 2.48 0.00	67.56 2.66 0.00	74.78 2.74 0.00	80.10 3.74 0.00	86.61 4.36 0.00	97.46 4.99 0.00	104.88 5.18 0.00	129.56 6.20 -12.57	172.69 7.95 -29.91	210.61 10.94 -36.34	191.70 10.99 -28.06	149.66 8.61 -26.23	113.32 6.69 -15.04	97.07 5.26 -8.32	74.27 4.20 0.00	65.54 3.18 0.00
GARDENVILLE___LBMP 24039	64.27 1.75 0.00	53.24 0.05 0.00	48.23 -0.68 0.00	47.82 -0.98 0.00	47.83 -0.93 0.00	48.77 -0.94 0.00	55.03 -0.72 0.00	59.24 -0.18 0.00	63.25 1.18 0.00	66.98 2.08 0.00	75.86 3.82 0.00	79.79 3.44 0.00	85.21 2.96 0.00	94.87 2.40 0.00	101.99 2.29 0.00	112.89 2.10 0.00	136.44 1.62 0.00	161.36 -1.96 0.00	153.26 0.61 0.00	117.34 2.53 0.00	95.90 4.30 0.00	87.34 3.84 0.00	71.40 1.33 0.00	64.17 1.81 0.00
GARDNVLA_35_KV_LD 355827	64.65 2.13 0.00	53.51 0.32 0.00	48.47 -0.44 0.00	48.02 -0.78 0.00	48.08 -0.68 0.00	49.02 -0.70 0.00	55.31 -0.45 0.00	59.66 0.24 0.00	63.69 1.61 0.00	67.43 2.53 0.00	76.44 4.39 0.00	80.40 4.05 0.00	85.87 3.62 0.00	95.70 3.24 0.00	102.78 3.09 0.00	113.89 3.10 0.00	137.66 2.83 0.00	162.51 -0.82 0.00	154.49 1.83 0.00	118.14 3.33 0.00	96.63 5.04 0.00	87.92 4.43 0.00	71.89 1.82 0.00	64.54 2.18 0.00
GELCKHM___115KV_LOAD 80723	61.96 -0.56 0.00	52.39 -0.80 0.00	48.08 -0.83 0.00	47.87 -0.93 0.00	47.83 -0.93 0.00	48.82 -0.89 0.00	54.86 -0.89 0.00	58.70 -0.71 0.00	61.51 -0.56 0.00	64.64 -0.26 0.00	72.33 0.29 0.00	76.89 0.53 0.00	82.50 0.25 0.00	92.56 0.09 0.00	99.79 0.10 0.00	110.78 0.00 0.00	134.69 -0.13 0.00	162.67 -0.65 0.00	152.35 -0.31 0.00	114.93 0.11 0.00	92.05 0.46 0.00	83.66 0.17 0.00	69.65 -0.42 0.00	61.80 -0.56 0.00
GENERAL___MILLS 23808	64.46 1.94 0.00	53.35 0.16 0.00	48.33 -0.59 0.00	47.92 -0.88 0.00	47.93 -0.83 0.00	48.92 -0.80 0.00	55.14 -0.61 0.00	59.48 0.06 0.00	63.50 1.43 0.00	67.17 2.27 0.00	76.15 4.11 0.00	80.10 3.74 0.00	85.54 3.29 0.00	95.33 2.87 0.00	102.38 2.69 0.00	113.33 2.55 0.00	136.98 2.16 0.00	161.85 -1.47 0.00	153.87 1.22 0.00	117.80 2.99 0.00	96.26 4.67 0.00	87.67 4.17 0.00	71.68 1.61 0.00	64.36 2.00 0.00
GE_PLASTICS___DRP 24183	61.83 -0.69 0.00	52.82 -0.37 0.00	48.77 -0.15 0.00	48.75 -0.05 0.00	48.71 -0.05 0.00	49.57 -0.15 0.00	55.47 -0.28 0.00	58.88 -0.53 0.00	61.33 -0.74 0.00	64.32 -0.58 0.00	71.83 -0.22 0.00	76.97 0.61 0.00	83.32 1.07 0.00	93.85 1.39 0.00	101.39 1.69 0.00	81.20 1.99 31.58	88.95 2.83 48.70	102.22 3.76 64.86	131.48 3.05 24.23	94.11 1.95 22.65	79.71 1.10 12.99	76.81 0.50 7.18	70.07 0.00 0.00	61.80 -0.56 0.00
GILBOA___1 23756	62.83 0.31 0.00	53.78 0.59 0.00	49.69 0.78 0.00	49.97 1.17 0.00	49.93 1.17 0.00	50.71 0.99 0.00	56.42 0.67 0.00	60.07 0.65 0.00	62.39 0.31 0.00	65.55 0.65 0.00	73.27 1.22 0.00	78.57 2.22 0.00	84.96 2.71 0.00	95.70 3.23 0.00	103.18 3.49 0.00	114.00 3.21 0.00	139.01 4.18 0.00	168.06 4.74 0.00	157.08 4.43 0.00	117.91 3.10 0.00	93.97 2.38 0.00	85.50 2.00 0.00	71.12 1.05 0.00	62.74 0.38 0.00
GILBOA___2 23757	62.83 0.31 0.00	53.78 0.59 0.00	49.69 0.78 0.00	49.97 1.17 0.00	49.93 1.17 0.00	50.71 0.99 0.00	56.42 0.67 0.00	60.07 0.65 0.00	62.39 0.31 0.00	65.55 0.65 0.00	73.27 1.22 0.00	78.57 2.22 0.00	84.96 2.71 0.00	95.70 3.23 0.00	103.18 3.49 0.00	114.00 3.21 0.00	139.01 4.18 0.00	168.06 4.74 0.00	157.08 4.43 0.00	117.91 3.10 0.00	93.97 2.38 0.00	85.50 2.00 0.00	71.12 1.05 0.00	62.74 0.38 0.00
GILBOA___3 23758	62.83 0.31 0.00	53.78 0.59 0.00	49.69 0.78 0.00	49.97 1.17 0.00	49.93 1.17 0.00	50.71 0.99 0.00	56.42 0.67 0.00	60.07 0.65 0.00	62.39 0.31 0.00	65.55 0.65 0.00	73.27 1.22 0.00	78.57 2.22 0.00	84.96 2.71 0.00	95.70 3.23 0.00	103.18 3.49 0.00	114.00 3.21 0.00	139.01 4.18 0.00	168.06 4.74 0.00	157.08 4.43 0.00	117.91 3.10 0.00	93.97 2.38 0.00	85.50 2.00 0.00	71.12 1.05 0.00	62.74 0.38 0.00
GILBOA___4 23759	62.83 0.31 0.00	53.78 0.59 0.00	49.69 0.78 0.00	49.97 1.17 0.00	49.93 1.17 0.00	50.71 0.99 0.00	56.42 0.67 0.00	60.07 0.65 0.00	62.39 0.31 0.00	65.55 0.65 0.00	73.27 1.22 0.00	78.57 2.22 0.00	84.96 2.71 0.00	95.70 3.23 0.00	103.18 3.49 0.00	114.00 3.21 0.00	139.01 4.18 0.00	168.06 4.74 0.00	157.08 4.43 0.00	117.91 3.10 0.00	93.97 2.38 0.00	85.50 2.00 0.00	71.12 1.05 0.00	62.74 0.38 0.00

GILBOA____ 23599	62.83 0.31 0.00	53.83 0.64 0.00	49.69 0.78 0.00	49.97 1.17 0.00	49.93 1.17 0.00	50.71 0.99 0.00	56.42 0.67 0.00	60.07 0.65 0.00	62.38 0.31 0.00	65.55 0.65 0.00	73.34 1.30 0.00	78.57 2.21 0.00	84.97 2.71 0.00	95.61 3.14 0.00	103.18 3.49 0.00	114.00 3.21 0.00	139.00 4.18 0.00	168.22 4.90 0.00	157.08 4.43 0.00	117.80 2.99 0.00	93.79 2.20 0.00	85.50 2.00 0.00	71.19 1.12 0.00	62.80 0.44 0.00
GINNA____ 23603	61.14 -1.38 0.00	51.22 -1.97 0.00	46.76 -2.15 0.00	46.26 -2.54 0.00	46.28 -2.48 0.00	47.33 -2.39 0.00	53.25 -2.51 0.00	57.28 -2.14 0.00	60.71 -1.37 0.00	64.12 -0.78 0.00	72.40 0.36 0.00	76.43 0.08 0.00	81.84 -0.41 0.00	91.82 -0.64 0.00	98.50 -1.19 0.00	108.90 -1.88 0.00	132.13 -2.70 0.00	158.58 -4.74 0.00	148.99 -3.67 0.00	112.97 -1.84 0.00	91.41 -0.18 0.00	82.92 -0.58 0.00	68.46 -1.61 0.00	60.68 -1.68 0.00
GLEN PARK____ 23778	66.71 4.19 0.00	56.22 3.03 0.00	51.26 2.35 0.00	51.19 2.39 0.00	51.20 2.44 0.00	52.40 2.68 0.00	59.15 3.40 0.00	63.28 3.86 0.00	65.67 3.60 0.00	68.40 3.50 0.00	75.93 3.89 0.00	80.10 3.74 0.00	85.54 3.29 0.00	96.17 3.70 0.00	103.08 3.39 0.00	114.77 3.98 0.00	139.01 4.18 0.00	170.18 6.86 0.00	161.35 8.70 0.00	123.19 8.38 0.00	98.65 7.05 0.00	89.59 6.09 0.00	75.18 5.11 0.00	66.48 4.11 0.00
GLENDALE_27_KV_LOAD 356172	62.18 1.25 1.59	55.16 1.97 0.00	51.16 2.25 0.00	50.99 2.20 0.00	50.91 2.15 0.00	51.86 2.14 0.00	57.93 2.17 0.00	61.14 1.72 0.00	63.27 1.61 0.41	66.76 2.40 0.54	67.90 3.82 7.96	75.83 5.65 6.17	89.16 6.91 0.00	100.23 7.77 0.00	108.96 9.27 0.00	124.81 10.97 -3.05	146.05 14.02 2.79	185.08 16.82 -4.93	150.71 14.50 16.45	97.19 9.64 27.26	78.96 6.23 18.86	67.58 4.51 20.43	63.26 2.80 9.61	62.41 1.31 1.26
GLENWOOD_IC_1_G5 23712	64.52 2.00 0.00	55.64 2.45 0.00	51.26 2.35 0.00	50.99 2.20 0.00	50.86 2.10 0.00	52.05 2.34 0.00	58.21 2.45 0.00	61.73 2.32 0.00	63.63 1.55 0.00	66.78 1.88 0.00	75.28 3.24 0.00	81.78 5.42 0.00	89.41 7.16 0.00	101.06 8.60 0.00	109.86 10.17 -15.40	138.03 11.85 -62.05	211.97 15.10 -71.48	252.93 18.13 0.00	168.53 15.88 0.00	125.60 10.79 0.00	98.65 7.05 0.00	88.34 4.84 0.00	72.74 2.66 -0.01	63.16 0.81 0.01
GLENWOOD_IC_2_G1 23688	64.21 1.69 0.00	55.27 2.07 -0.01	50.93 2.01 -0.01	50.70 1.90 0.00	50.57 1.81 0.00	51.76 2.04 0.00	57.87 2.12 0.00	61.44 2.02 0.00	63.75 1.68 0.00	66.91 2.01 0.00	75.36 3.32 0.00	81.62 5.26 0.00	89.16 6.91 0.00	100.70 8.23 -0.01	109.37 9.67 -0.01	137.49 11.31 -15.40	211.30 14.43 -62.05	251.94 17.14 -71.48	167.78 15.12 -0.01	125.16 10.34 -0.01	98.65 7.05 0.00	88.34 4.84 0.00	72.80 2.73 0.00	63.42 1.06 0.00
GLENWOOD_IC_3_G1 23689	64.21 1.69 0.00	55.27 2.07 -0.01	50.93 2.01 -0.01	50.70 1.90 0.00	50.57 1.81 0.00	51.76 2.04 0.00	57.87 2.12 0.00	61.44 2.02 0.00	63.75 1.68 0.00	66.91 2.01 0.00	75.36 3.32 0.00	81.62 5.26 0.00	89.16 6.91 0.00	100.70 8.23 -0.01	109.37 9.67 -0.01	137.49 11.31 -15.40	211.30 14.43 -62.05	251.94 17.14 -71.48	167.78 15.12 -0.01	125.16 10.34 -0.01	98.65 7.05 0.00	88.34 4.84 0.00	72.80 2.73 0.00	63.42 1.06 0.00
GLENWOOD____4 23550	64.52 2.00 0.00	55.64 2.45 0.00	51.26 2.35 0.00	50.99 2.20 0.00	50.86 2.10 0.00	52.05 2.34 0.00	58.21 2.45 0.00	61.73 2.32 0.00	63.75 1.68 0.00	66.98 2.08 0.00	75.50 3.46 0.00	81.93 5.57 0.00	89.57 7.32 0.00	101.25 8.78 0.00	110.16 10.47 0.00	138.37 12.19 -15.40	212.24 15.37 -62.05	253.25 18.46 -71.48	168.83 16.18 0.00	125.95 11.14 0.00	98.92 7.33 0.00	88.59 5.09 0.00	72.95 2.87 -0.01	63.35 1.00 0.01
GLENWOOD____5 23614	64.52 2.00 0.00	55.64 2.45 0.00	51.26 2.35 0.00	50.99 2.20 0.00	50.86 2.10 0.00	52.05 2.34 0.00	58.21 2.45 0.00	61.73 2.32 0.00	63.75 1.68 0.00	66.98 2.08 0.00	75.50 3.46 0.00	81.93 5.57 0.00	89.57 7.32 0.00	101.25 8.78 0.00	110.16 10.47 0.00	138.37 12.19 -15.40	212.24 15.37 -62.05	253.25 18.46 -71.48	168.83 16.18 0.00	125.95 11.14 0.00	98.92 7.33 0.00	88.59 5.09 0.00	72.95 2.87 -0.01	63.35 1.00 0.01
GLOBAL GREEN_PORT_GT1 23814	66.58 4.06 0.00	57.72 4.52 -0.01	53.32 4.40 -0.01	52.94 4.15 0.00	52.76 4.00 0.00	54.44 4.73 0.00	60.55 4.80 0.00	63.88 4.46 0.00	65.86 3.79 0.00	68.53 3.63 0.00	77.22 5.19 0.01	84.37 8.02 0.00	93.68 11.43 0.00	106.92 14.15 -0.31	129.27 13.56 -16.02	240.15 15.29 -114.07	250.99 19.54 -96.63	289.85 23.85 -102.68	244.33 20.76 -70.92	219.39 14.23 -90.35	127.39 11.82 -23.97	91.84 8.35 0.00	74.55 4.49 0.00	64.40 2.05 0.02
GLOBE____DSASP 323697	62.21 -0.31 0.00	51.49 -1.70 0.00	46.71 -2.20 0.00	46.26 -2.54 0.00	46.32 -2.44 0.00	47.18 -2.54 0.00	53.13 -2.62 0.00	57.16 -2.26 0.00	61.20 -0.87 0.00	64.77 -0.13 0.00	73.34 1.30 0.00	76.89 0.53 0.00	81.92 -0.33 0.00	91.17 -1.29 0.00	97.90 -1.79 0.00	108.12 -2.66 0.00	130.24 -4.58 0.00	153.85 -9.47 0.00	145.94 -6.72 0.00	111.71 -3.10 0.00	91.96 0.37 0.00	83.83 0.33 0.00	68.67 -1.40 0.00	61.92 -0.44 0.00
GOETHSLN____LBMP 323567	53.09 0.75 10.18	52.72 1.38 1.85	50.32 1.42 0.01	50.16 1.37 0.00	50.07 1.32 0.01	51.15 1.44 0.01	52.75 1.51 4.51	52.72 1.31 8.00	52.72 1.18 10.53	54.77 1.95 12.07	55.96 3.24 19.33	57.37 4.96 23.95	72.68 6.25 15.82	73.72 7.12 25.86	82.30 8.57 25.97	108.88 10.19 12.10	120.05 12.94 27.72	157.51 15.68 21.50	142.46 13.28 23.48	102.42 8.73 21.12	76.15 5.50 20.94	61.27 3.76 25.98	56.12 2.24 16.19	54.94 0.87 8.29
GOLAH____69_KV_TB 1_2 80279	64.65 2.13 0.00	53.88 0.69 0.00	49.06 0.15 0.00	48.46 -0.34 0.00	48.47 -0.29 0.00	49.62 -0.10 0.00	55.81 0.06 0.00	59.89 0.48 0.00	63.50 1.43 0.00	67.11 2.21 0.00	76.00 3.96 0.00	80.17 3.82 0.00	85.62 3.37 0.00	95.51 3.05 0.00	102.88 3.19 0.00	113.77 2.99 0.00	137.66 2.83 0.00	164.30 0.98 0.00	155.55 2.90 0.00	118.49 3.67 0.00	96.26 4.67 0.00	87.59 4.09 0.00	72.03 1.96 0.00	64.36 2.00 0.00
GOODYEAR_LAKE_HYD 323669	64.71 2.19 0.00	55.00 1.81 0.00	50.48 1.57 0.00	50.55 1.76 0.00	50.52 1.76 0.00	51.56 1.84 0.00	57.82 2.06 0.00	61.68 2.26 0.00	64.25 2.17 0.00	67.43 2.53 0.00	75.50 3.46 0.00	80.79 4.43 0.00	86.94 4.69 0.00	98.10 5.64 0.00	105.87 6.18 0.00	119.55 6.76 -2.01	145.26 8.22 -2.22	176.69 10.13 -3.24	162.58 9.92 0.00	122.04 7.23 0.00	97.09 5.50 0.00	88.17 4.68 0.00	73.22 3.15 0.00	64.61 2.24 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	63.33 0.81 0.00	53.51 0.32 0.00	48.96 0.05 0.00	48.80 0.00 0.00	48.81 0.05 0.00	49.77 0.05 0.00	55.92 0.17 0.00	59.89 0.48 0.00	62.76 0.68 0.00	66.07 1.17 0.00	74.13 2.09 0.00	78.88 2.52 0.00	84.64 2.39 0.00	94.96 2.50 0.00	102.28 2.59 0.00	113.55 2.77 0.00	138.33 3.51 0.00	166.59 3.27 0.00	156.62 3.97 0.00	118.49 3.67 0.00	94.89 3.30 0.00	86.33 2.84 0.00	71.33 1.26 0.00	63.30 0.94 0.00

GOUDEY___7 23579	63.33 0.81 0.00	53.51 0.32 0.00	48.96 0.05 0.00	48.80 0.00 0.00	48.81 0.05 0.00	49.77 0.05 0.00	55.92 0.17 0.00	59.89 0.48 0.00	62.76 0.68 0.00	66.07 1.17 0.00	74.13 2.09 0.00	78.88 2.52 0.00	84.64 2.39 0.00	94.96 2.50 0.00	102.28 2.59 0.00	113.55 2.77 0.00	138.33 3.51 0.00	166.59 3.27 0.00	156.62 3.97 0.00	118.49 3.67 0.00	94.89 3.30 0.00	86.33 2.84 0.00	71.33 1.26 0.00	63.30 0.94 0.00
GOUDEY___8 23580	63.33 0.81 0.00	53.51 0.32 0.00	48.96 0.05 0.00	48.80 0.00 0.00	48.81 0.05 0.00	49.77 0.05 0.00	55.92 0.17 0.00	59.89 0.48 0.00	62.76 0.68 0.00	66.07 1.17 0.00	74.13 2.09 0.00	78.88 2.52 0.00	84.64 2.39 0.00	94.96 2.50 0.00	102.28 2.59 0.00	113.55 2.77 0.00	138.33 3.51 0.00	166.59 3.27 0.00	156.62 3.97 0.00	118.49 3.67 0.00	94.89 3.30 0.00	86.33 2.84 0.00	71.33 1.26 0.00	63.30 0.94 0.00
GOWANUS_GT1_1 24077	63.57 1.06 0.01	55.05 1.86 0.00	51.11 2.20 0.00	50.99 2.20 0.00	50.91 2.15 0.00	51.66 1.94 0.00	57.59 1.84 0.00	60.78 1.37 0.00	63.09 1.43 0.41	66.56 2.21 0.54	67.76 3.67 7.96	75.68 5.50 6.17	89.00 6.74 0.00	99.95 7.49 0.00	108.66 8.97 0.00	124.47 10.64 -3.05	151.67 13.48 -3.36	184.43 16.17 -4.93	166.69 14.04 0.01	105.19 9.41 19.04	97.43 6.05 0.20	87.83 4.34 0.01	63.12 2.66 9.61	62.28 1.18 1.26
GOWANUS_GT1_2 24078	63.57 1.06 0.01	55.05 1.86 0.00	51.11 2.20 0.00	50.99 2.20 0.00	50.91 2.15 0.00	51.66 1.94 0.00	57.59 1.84 0.00	60.78 1.37 0.00	63.09 1.43 0.41	66.56 2.21 0.54	67.76 3.67 7.96	75.68 5.50 6.17	89.00 6.74 0.00	99.95 7.49 0.00	108.66 8.97 0.00	124.47 10.64 -3.05	151.67 13.48 -3.36	184.43 16.17 -4.93	166.69 14.04 0.01	105.19 9.41 19.04	97.43 6.05 0.20	87.83 4.34 0.01	63.12 2.66 9.61	62.28 1.18 1.26
GOWANUS_GT1_3 24079	63.57 1.06 0.01	55.05 1.86 0.00	51.11 2.20 0.00	50.99 2.20 0.00	50.91 2.15 0.00	51.66 1.94 0.00	57.59 1.84 0.00	60.78 1.37 0.00	63.09 1.43 0.41	66.56 2.21 0.54	67.76 3.67 7.96	75.68 5.50 6.17	89.00 6.74 0.00	99.95 7.49 0.00	108.66 8.97 0.00	124.47 10.64 -3.05	151.67 13.48 -3.36	184.43 16.17 -4.93	166.69 14.04 0.01	105.19 9.41 19.04	97.43 6.05 0.20	87.83 4.34 0.01	63.12 2.66 9.61	62.28 1.18 1.26
GOWANUS_GT1_4 24080	63.57 1.06 0.01	55.05 1.86 0.00	51.11 2.20 0.00	50.99 2.20 0.00	50.91 2.15 0.00	51.66 1.94 0.00	57.59 1.84 0.00	60.78 1.37 0.00	63.09 1.43 0.41	66.56 2.21 0.54	67.76 3.67 7.96	75.68 5.50 6.17	89.00 6.74 0.00	99.95 7.49 0.00	108.66 8.97 0.00	124.47 10.64 -3.05	151.67 13.48 -3.36	184.43 16.17 -4.93	166.69 14.04 0.01	105.19 9.41 19.04	97.43 6.05 0.20	87.83 4.34 0.01	63.12 2.66 9.61	62.28 1.18 1.26
GOWANUS_GT1_5 24084	63.57 1.06 0.01	55.05 1.86 0.00	51.11 2.20 0.00	50.99 2.20 0.00	50.91 2.15 0.00	51.66 1.94 0.00	57.59 1.84 0.00	60.78 1.37 0.00	63.09 1.43 0.41	66.56 2.21 0.54	67.76 3.67 7.96	75.68 5.50 6.17	89.00 6.74 0.00	99.95 7.49 0.00	108.66 8.97 0.00	124.47 10.64 -3.05	151.67 13.48 -3.36	184.43 16.17 -4.93	166.69 14.04 0.01	105.19 9.41 19.04	97.43 6.05 0.20	87.83 4.34 0.01	63.12 2.66 9.61	62.28 1.18 1.26
GOWANUS_GT1_6 24111	63.57 1.06 0.01	55.05 1.86 0.00	51.11 2.20 0.00	50.99 2.20 0.00	50.91 2.15 0.00	51.66 1.94 0.00	57.59 1.84 0.00	60.78 1.37 0.00	63.09 1.43 0.41	66.56 2.21 0.54	67.76 3.67 7.96	75.68 5.50 6.17	89.00 6.74 0.00	99.95 7.49 0.00	108.66 8.97 0.00	124.47 10.64 -3.05	151.67 13.48 -3.36	184.43 16.17 -4.93	166.69 14.04 0.01	105.19 9.41 19.04	97.43 6.05 0.20	87.83 4.34 0.01	63.12 2.66 9.61	62.28 1.18 1.26
GOWANUS_GT1_7 24112	63.57 1.06 0.01	55.05 1.86 0.00	51.11 2.20 0.00	50.99 2.20 0.00	50.91 2.15 0.00	51.66 1.94 0.00	57.59 1.84 0.00	60.78 1.37 0.00	63.09 1.43 0.41	66.56 2.21 0.54	67.76 3.67 7.96	75.68 5.50 6.17	89.00 6.74 0.00	99.95 7.49 0.00	108.66 8.97 0.00	124.47 10.64 -3.05	151.67 13.48 -3.36	184.43 16.17 -4.93	166.69 14.04 0.01	105.19 9.41 19.04	97.43 6.05 0.20	87.83 4.34 0.01	63.12 2.66 9.61	62.28 1.18 1.26
GOWANUS_GT1_8 24113	63.57 1.06 0.01	55.05 1.86 0.00	51.11 2.20 0.00	50.99 2.20 0.00	50.91 2.15 0.00	51.66 1.94 0.00	57.59 1.84 0.00	60.78 1.37 0.00	63.09 1.43 0.41	66.56 2.21 0.54	67.76 3.67 7.96	75.68 5.50 6.17	89.00 6.74 0.00	99.95 7.49 0.00	108.66 8.97 0.00	124.47 10.64 -3.05	151.67 13.48 -3.36	184.43 16.17 -4.93	166.69 14.04 0.01	105.19 9.41 19.04	97.43 6.05 0.20	87.83 4.34 0.01	63.12 2.66 9.61	62.28 1.18 1.26
GOWANUS_GT2_1 24114	63.57 1.06 0.01	55.05 1.86 0.00	51.12 2.20 0.00	51.00 2.20 -0.01	50.86 2.10 0.00	51.65 1.94 0.00	57.48 1.73 0.00	60.71 1.31 0.01	63.09 1.43 0.41	66.50 2.14 0.54	67.68 3.60 7.96	75.60 5.42 6.17	88.99 6.75 0.01	100.04 7.58 0.01	108.66 8.98 0.01	124.47 10.64 -3.05	151.67 13.48 -3.36	184.26 16.01 -4.93	166.68 14.04 0.01	105.19 9.42 19.04	97.62 6.23 0.20	87.83 4.34 0.01	63.05 2.59 9.61	62.28 1.18 1.26
GOWANUS_GT2_2 24115	63.57 1.06 0.01	55.05 1.86 0.00	51.12 2.20 0.00	51.00 2.20 -0.01	50.86 2.10 0.00	51.65 1.94 0.00	57.48 1.73 0.00	60.71 1.31 0.01	63.09 1.43 0.41	66.50 2.14 0.54	67.68 3.60 7.96	75.60 5.42 6.17	88.99 6.75 0.01	100.04 7.58 0.01	108.66 8.98 0.01	124.47 10.64 -3.05	151.67 13.48 -3.36	184.26 16.01 -4.93	166.68 14.04 0.01	105.19 9.42 19.04	97.62 6.23 0.20	87.83 4.34 0.01	63.05 2.59 9.61	62.28 1.18 1.26
GOWANUS_GT2_3 24116	63.57 1.06 0.01	55.05 1.86 0.00	51.12 2.20 0.00	51.00 2.20 -0.01	50.86 2.10 0.00	51.65 1.94 0.00	57.48 1.73 0.00	60.71 1.31 0.01	63.09 1.43 0.41	66.50 2.14 0.54	67.68 3.60 7.96	75.60 5.42 6.17	88.99 6.75 0.01	100.04 7.58 0.01	108.66 8.98 0.01	124.47 10.64 -3.05	151.67 13.48 -3.36	184.26 16.01 -4.93	166.68 14.04 0.01	105.19 9.42 19.04	97.62 6.23 0.20	87.83 4.34 0.01	63.05 2.59 9.61	62.28 1.18 1.26
GOWANUS_GT2_4 24117	63.57 1.06 0.01	55.05 1.86 0.00	51.12 2.20 0.00	51.00 2.20 -0.01	50.86 2.10 0.00	51.65 1.94 0.00	57.48 1.73 0.00	60.71 1.31 0.01	63.09 1.43 0.41	66.50 2.14 0.54	67.68 3.60 7.96	75.60 5.42 6.17	88.99 6.75 0.01	100.04 7.58 0.01	108.66 8.98 0.01	124.47 10.64 -3.05	151.67 13.48 -3.36	184.26 16.01 -4.93	166.68 14.04 0.01	105.19 9.42 19.04	97.62 6.23 0.20	87.83 4.34 0.01	63.05 2.59 9.61	62.28 1.18 1.26
GOWANUS_GT2_5 24118	63.57 1.06 0.01	55.05 1.86 0.00	51.12 2.20 0.00	51.00 2.20 -0.01	50.86 2.10 0.00	51.65 1.94 0.00	57.48 1.73 0.00	60.71 1.31 0.01	63.09 1.43 0.41	66.50 2.14 0.54	67.68 3.60 7.96	75.60 5.42 6.17	88.99 6.75 0.01	100.04 7.58 0.01	108.66 8.98 0.01	124.47 10.64 -3.05	151.67 13.48 -3.36	184.26 16.01 -4.93	166.68 14.04 0.01	105.19 9.42 19.04	97.62 6.23 0.20	87.83 4.34 0.01	63.05 2.59 9.61	62.28 1.18 1.26

GOWANUS_GT2_6 24119	63.57 1.06 0.01	55.05 1.86 0.00	51.12 2.20 0.00	51.00 2.20 -0.01	50.86 2.10 0.00	51.65 1.94 0.00	57.48 1.73 0.00	60.71 1.31 0.01	63.09 1.43 0.41	66.50 2.14 0.54	67.68 3.60 7.96	75.60 5.42 6.17	88.99 6.75 0.01	100.04 7.58 0.01	108.66 8.98 0.01	124.47 10.64 -3.05	151.67 13.48 -3.36	184.26 16.01 -4.93	166.68 14.04 0.01	105.19 9.42 19.04	97.62 6.23 0.20	87.83 4.34 0.01	63.05 2.59 9.61	62.28 1.18 1.26
GOWANUS_GT2_7 24120	63.57 1.06 0.01	55.05 1.86 0.00	51.12 2.20 0.00	51.00 2.20 -0.01	50.86 2.10 0.00	51.65 1.94 0.00	57.48 1.73 0.00	60.71 1.31 0.01	63.09 1.43 0.41	66.50 2.14 0.54	67.68 3.60 7.96	75.60 5.42 6.17	88.99 6.75 0.01	100.04 7.58 0.01	108.66 8.98 0.01	124.47 10.64 -3.05	151.67 13.48 -3.36	184.26 16.01 -4.93	166.68 14.04 0.01	105.19 9.42 19.04	97.62 6.23 0.20	87.83 4.34 0.01	63.05 2.59 9.61	62.28 1.18 1.26
GOWANUS_GT2_8 24121	63.57 1.06 0.01	55.05 1.86 0.00	51.12 2.20 0.00	51.00 2.20 -0.01	50.86 2.10 0.00	51.65 1.94 0.00	57.48 1.73 0.00	60.71 1.31 0.01	63.09 1.43 0.41	66.50 2.14 0.54	67.68 3.60 7.96	75.60 5.42 6.17	88.99 6.75 0.01	100.04 7.58 0.01	108.66 8.98 0.01	124.47 10.64 -3.05	151.67 13.48 -3.36	184.26 16.01 -4.93	166.68 14.04 0.01	105.19 9.42 19.04	97.62 6.23 0.20	87.83 4.34 0.01	63.05 2.59 9.61	62.28 1.18 1.26
GOWANUS_GT3_1 24122	63.57 1.06 0.01	55.05 1.86 0.00	51.12 2.20 0.00	51.00 2.20 -0.01	50.86 2.10 0.00	51.65 1.94 0.00	57.48 1.73 0.00	60.71 1.31 0.01	63.09 1.43 0.41	66.50 2.14 0.54	67.68 3.60 7.96	75.68 5.50 6.17	88.99 6.75 0.01	100.04 7.58 0.01	108.66 8.98 0.01	124.47 10.64 -3.05	151.80 13.61 -3.36	184.42 16.17 -4.93	166.68 14.04 0.01	105.19 9.42 19.04	97.62 6.23 0.20	87.83 4.34 0.01	63.05 2.59 9.61	62.28 1.18 1.26
GOWANUS_GT3_2 24123	63.57 1.06 0.01	55.05 1.86 0.00	51.12 2.20 0.00	51.00 2.20 -0.01	50.86 2.10 0.00	51.65 1.94 0.00	57.48 1.73 0.00	60.71 1.31 0.01	63.09 1.43 0.41	66.50 2.14 0.54	67.68 3.60 7.96	75.68 5.50 6.17	88.99 6.75 0.01	100.04 7.58 0.01	108.66 8.98 0.01	124.47 10.64 -3.05	151.80 13.61 -3.36	184.42 16.17 -4.93	166.68 14.04 0.01	105.19 9.42 19.04	97.62 6.23 0.20	87.83 4.34 0.01	63.05 2.59 9.61	62.28 1.18 1.26
GOWANUS_GT3_3 24124	63.57 1.06 0.01	55.05 1.86 0.00	51.12 2.20 0.00	51.00 2.20 -0.01	50.86 2.10 0.00	51.65 1.94 0.00	57.48 1.73 0.00	60.71 1.31 0.01	63.09 1.43 0.41	66.50 2.14 0.54	67.68 3.60 7.96	75.68 5.50 6.17	88.99 6.75 0.01	100.04 7.58 0.01	108.66 8.98 0.01	124.47 10.64 -3.05	151.80 13.61 -3.36	184.42 16.17 -4.93	166.68 14.04 0.01	105.19 9.42 19.04	97.62 6.23 0.20	87.83 4.34 0.01	63.05 2.59 9.61	62.28 1.18 1.26
GOWANUS_GT3_4 24125	63.57 1.06 0.01	55.05 1.86 0.00	51.12 2.20 0.00	51.00 2.20 -0.01	50.86 2.10 0.00	51.65 1.94 0.00	57.48 1.73 0.00	60.71 1.31 0.01	63.09 1.43 0.41	66.50 2.14 0.54	67.68 3.60 7.96	75.68 5.50 6.17	88.99 6.75 0.01	100.04 7.58 0.01	108.66 8.98 0.01	124.47 10.64 -3.05	151.80 13.61 -3.36	184.42 16.17 -4.93	166.68 14.04 0.01	105.19 9.42 19.04	97.62 6.23 0.20	87.83 4.34 0.01	63.05 2.59 9.61	62.28 1.18 1.26
GOWANUS_GT3_5 24126	63.57 1.06 0.01	55.05 1.86 0.00	51.12 2.20 0.00	51.00 2.20 -0.01	50.86 2.10 0.00	51.65 1.94 0.00	57.48 1.73 0.00	60.71 1.31 0.01	63.09 1.43 0.41	66.50 2.14 0.54	67.68 3.60 7.96	75.68 5.50 6.17	88.99 6.75 0.01	100.04 7.58 0.01	108.66 8.98 0.01	124.47 10.64 -3.05	151.80 13.61 -3.36	184.42 16.17 -4.93	166.68 14.04 0.01	105.19 9.42 19.04	97.62 6.23 0.20	87.83 4.34 0.01	63.05 2.59 9.61	62.28 1.18 1.26
GOWANUS_GT3_6 24127	63.57 1.06 0.01	55.05 1.86 0.00	51.12 2.20 0.00	51.00 2.20 -0.01	50.86 2.10 0.00	51.65 1.94 0.00	57.48 1.73 0.00	60.71 1.31 0.01	63.09 1.43 0.41	66.50 2.14 0.54	67.68 3.60 7.96	75.68 5.50 6.17	88.99 6.75 0.01	100.04 7.58 0.01	108.66 8.98 0.01	124.47 10.64 -3.05	151.80 13.61 -3.36	184.42 16.17 -4.93	166.68 14.04 0.01	105.19 9.42 19.04	97.62 6.23 0.20	87.83 4.34 0.01	63.05 2.59 9.61	62.28 1.18 1.26
GOWANUS_GT3_7 24128	63.57 1.06 0.01	55.05 1.86 0.00	51.12 2.20 0.00	51.00 2.20 -0.01	50.86 2.10 0.00	51.65 1.94 0.00	57.48 1.73 0.00	60.71 1.31 0.01	63.09 1.43 0.41	66.50 2.14 0.54	67.68 3.60 7.96	75.68 5.50 6.17	88.99 6.75 0.01	100.04 7.58 0.01	108.66 8.98 0.01	124.47 10.64 -3.05	151.80 13.61 -3.36	184.42 16.17 -4.93	166.68 14.04 0.01	105.19 9.42 19.04	97.62 6.23 0.20	87.83 4.34 0.01	63.05 2.59 9.61	62.28 1.18 1.26
GOWANUS_GT3_8 24129	63.57 1.06 0.01	55.05 1.86 0.00	51.12 2.20 0.00	51.00 2.20 -0.01	50.86 2.10 0.00	51.65 1.94 0.00	57.48 1.73 0.00	60.71 1.31 0.01	63.09 1.43 0.41	66.50 2.14 0.54	67.68 3.60 7.96	75.68 5.50 6.17	88.99 6.75 0.01	100.04 7.58 0.01	108.66 8.98 0.01	124.47 10.64 -3.05	151.80 13.61 -3.36	184.42 16.17 -4.93	166.68 14.04 0.01	105.19 9.42 19.04	97.62 6.23 0.20	87.83 4.34 0.01	63.05 2.59 9.61	62.28 1.18 1.26
GOWANUS_GT4_1 24130	63.57 1.06 0.01	55.05 1.86 0.00	51.11 2.20 0.00	50.94 2.15 0.00	50.86 2.10 0.00	51.66 1.94 0.00	57.59 1.84 0.00	60.78 1.37 0.00	63.09 1.43 0.41	66.50 2.14 0.54	67.76 3.67 7.96	75.68 5.50 6.17	89.00 6.74 0.00	99.95 7.49 0.00	108.66 8.97 0.00	124.47 10.64 -3.05	151.67 13.48 -3.36	184.43 16.17 -4.93	166.69 14.04 0.01	105.19 9.41 19.04	97.43 6.05 0.20	87.83 4.34 0.01	63.12 2.66 9.61	62.28 1.18 1.26
GOWANUS_GT4_2 24131	63.57 1.06 0.01	55.05 1.86 0.00	51.11 2.20 0.00	50.94 2.15 0.00	50.86 2.10 0.00	51.66 1.94 0.00	57.59 1.84 0.00	60.78 1.37 0.00	63.09 1.43 0.41	66.50 2.14 0.54	67.76 3.67 7.96	75.68 5.50 6.17	89.00 6.74 0.00	99.95 7.49 0.00	108.66 8.97 0.00	124.47 10.64 -3.05	151.67 13.48 -3.36	184.43 16.17 -4.93	166.69 14.04 0.01	105.19 9.41 19.04	97.43 6.05 0.20	87.83 4.34 0.01	63.12 2.66 9.61	62.28 1.18 1.26
GOWANUS_GT4_3 24132	63.57 1.06 0.01	55.05 1.86 0.00	51.11 2.20 0.00	50.94 2.15 0.00	50.86 2.10 0.00	51.66 1.94 0.00	57.59 1.84 0.00	60.78 1.37 0.00	63.09 1.43 0.41	66.50 2.14 0.54	67.76 3.67 7.96	75.68 5.50 6.17	89.00 6.74 0.00	99.95 7.49 0.00	108.66 8.97 0.00	124.47 10.64 -3.05	151.67 13.48 -3.36	184.43 16.17 -4.93	166.69 14.04 0.01	105.19 9.41 19.04	97.43 6.05 0.20	87.83 4.34 0.01	63.12 2.66 9.61	62.28 1.18 1.26
GOWANUS_GT4_4 24133	63.57 1.06 0.01	55.05 1.86 0.00	51.11 2.20 0.00	50.94 2.15 0.00	50.86 2.10 0.00	51.66 1.94 0.00	57.59 1.84 0.00	60.78 1.37 0.00	63.09 1.43 0.41	66.50 2.14 0.54	67.76 3.67 7.96	75.68 5.50 6.17	89.00 6.74 0.00	99.95 7.49 0.00	108.66 8.97 0.00	124.47 10.64 -3.05	151.67 13.48 -3.36	184.43 16.17 -4.93	166.69 14.04 0.01	105.19 9.41 19.04	97.43 6.05 0.20	87.83 4.34 0.01	63.12 2.66 9.61	62.28 1.18 1.26

GOWANUS_GT4_5 24134	63.57 1.06 0.01	55.05 1.86 0.00	51.11 2.20 0.00	50.94 2.15 0.00	50.86 2.10 0.00	51.66 1.94 0.00	57.59 1.84 0.00	60.78 1.37 0.00	63.09 1.43 0.41	66.50 2.14 0.54	67.76 3.67 7.96	75.68 5.50 6.17	89.00 6.74 0.00	99.95 7.49 0.00	108.66 8.97 0.00	124.47 10.64 -3.05	151.67 13.48 -3.36	184.43 16.17 -4.93	166.69 14.04 0.01	105.19 9.41 19.04	97.43 6.05 0.20	87.83 4.34 0.01	63.12 2.66 9.61	62.28 1.18 1.26
GOWANUS_GT4_6 24135	63.57 1.06 0.01	55.05 1.86 0.00	51.11 2.20 0.00	50.94 2.15 0.00	50.86 2.10 0.00	51.66 1.94 0.00	57.59 1.84 0.00	60.78 1.37 0.00	63.09 1.43 0.41	66.50 2.14 0.54	67.76 3.67 7.96	75.68 5.50 6.17	89.00 6.74 0.00	99.95 7.49 0.00	108.66 8.97 0.00	124.47 10.64 -3.05	151.67 13.48 -3.36	184.43 16.17 -4.93	166.69 14.04 0.01	105.19 9.41 19.04	97.43 6.05 0.20	87.83 4.34 0.01	63.12 2.66 9.61	62.28 1.18 1.26
GOWANUS_GT4_7 24136	63.57 1.06 0.01	55.05 1.86 0.00	51.11 2.20 0.00	50.94 2.15 0.00	50.86 2.10 0.00	51.66 1.94 0.00	57.59 1.84 0.00	60.78 1.37 0.00	63.09 1.43 0.41	66.50 2.14 0.54	67.76 3.67 7.96	75.68 5.50 6.17	89.00 6.74 0.00	99.95 7.49 0.00	108.66 8.97 0.00	124.47 10.64 -3.05	151.67 13.48 -3.36	184.43 16.17 -4.93	166.69 14.04 0.01	105.19 9.41 19.04	97.43 6.05 0.20	87.83 4.34 0.01	63.12 2.66 9.61	62.28 1.18 1.26
GOWANUS_GT4_8 24137	63.57 1.06 0.01	55.05 1.86 0.00	51.11 2.20 0.00	50.94 2.15 0.00	50.86 2.10 0.00	51.66 1.94 0.00	57.59 1.84 0.00	60.78 1.37 0.00	63.09 1.43 0.41	66.50 2.14 0.54	67.76 3.67 7.96	75.68 5.50 6.17	89.00 6.74 0.00	99.95 7.49 0.00	108.66 8.97 0.00	124.47 10.64 -3.05	151.67 13.48 -3.36	184.43 16.17 -4.93	166.69 14.04 0.01	105.19 9.41 19.04	97.43 6.05 0.20	87.83 4.34 0.01	63.12 2.66 9.61	62.28 1.18 1.26
GREATVRV_69_KV_BK1 356245	66.21 3.69 0.00	57.34 4.15 0.00	52.78 3.86 0.00	52.36 3.56 0.00	52.08 3.32 0.00	53.65 3.93 0.00	59.88 4.13 0.00	63.28 3.86 0.00	65.24 3.17 0.00	67.95 3.05 0.00	76.00 3.96 0.01	82.92 6.57 0.00	91.55 9.29 0.00	103.88 11.47 0.05	124.61 13.16 -11.76	199.79 15.29 -73.72	235.04 19.28 -80.94	274.45 23.36 -87.77	214.83 20.91 -41.26	183.62 14.70 -54.11	116.05 10.35 -14.10	90.76 7.26 0.00	74.27 4.20 0.00	63.72 1.37 0.01
GREENBSH_115KV_TB3 55895	62.02 -0.50 0.00	52.98 -0.21 0.00	48.91 0.00 0.00	48.89 0.10 0.00	48.81 0.05 0.00	49.72 0.00 0.00	55.70 -0.06 0.00	59.06 -0.36 0.00	61.51 -0.56 0.00	64.57 -0.32 0.00	72.11 0.07 0.00	77.35 0.99 0.00	83.73 1.48 0.00	94.31 1.85 0.00	101.89 2.19 0.00	58.79 2.55 54.54	57.32 3.51 81.01	58.98 4.57 108.91	120.07 3.82 36.40	83.30 2.53 34.04	73.55 1.47 19.51	73.54 0.83 10.79	70.35 0.28 0.00	61.99 -0.37 0.00
GREENDGE_115KV_TB5 80291	63.96 1.44 0.00	53.56 0.37 0.00	49.16 0.24 0.00	48.80 0.00 0.00	48.81 0.05 0.00	49.62 -0.10 0.00	55.98 0.22 0.00	60.13 0.71 0.00	63.19 1.12 0.00	66.52 1.62 0.00	74.78 2.74 0.00	79.33 2.98 0.00	84.80 2.55 0.00	94.13 1.66 0.00	100.49 0.80 0.00	111.56 0.78 0.00	135.63 0.81 0.00	163.16 -0.16 0.00	154.33 1.68 0.00	117.45 2.64 0.00	95.44 3.85 0.00	87.09 3.59 0.00	71.82 1.75 0.00	63.86 1.50 0.00
GREENIDGE___3 23582	63.96 1.44 0.00	53.56 0.37 0.00	49.16 0.24 0.00	48.80 0.00 0.00	48.81 0.05 0.00	49.62 -0.10 0.00	55.98 0.22 0.00	60.13 0.71 0.00	63.19 1.12 0.00	66.52 1.62 0.00	74.78 2.74 0.00	79.33 2.98 0.00	84.80 2.55 0.00	94.13 1.66 0.00	100.49 0.80 0.00	111.56 0.78 0.00	135.63 0.81 0.00	163.16 -0.16 0.00	154.33 1.68 0.00	117.45 2.64 0.00	95.44 3.85 0.00	87.09 3.59 0.00	71.82 1.75 0.00	63.86 1.50 0.00
GREENIDGE___4 23583	63.96 1.44 0.00	53.61 0.42 0.00	49.16 0.25 0.00	48.80 0.00 0.00	48.81 0.05 0.00	49.62 -0.10 0.00	55.98 0.22 0.00	60.13 0.72 0.00	63.19 1.12 0.00	66.52 1.62 0.00	74.78 2.74 0.00	79.33 2.97 0.00	84.88 2.63 0.00	94.59 2.13 0.00	100.49 0.79 0.00	111.56 0.78 0.00	135.64 0.81 0.00	163.32 0.00 0.00	154.18 1.53 0.00	117.45 2.64 0.00	95.62 4.03 0.00	87.08 3.59 0.00	71.96 1.89 0.00	63.85 1.49 0.00
GREENLWN_69_KV_BK 3 55738	63.96 1.44 0.00	55.64 2.45 0.00	51.26 2.35 0.00	50.90 2.10 0.00	50.71 1.95 0.00	52.10 2.39 0.00	58.15 2.40 0.00	61.56 2.14 0.00	63.25 1.18 0.00	65.48 0.58 0.00	73.40 1.37 0.01	80.10 3.74 0.00	88.26 6.00 0.00	99.54 7.95 0.88	105.91 9.57 3.35	112.84 11.19 9.14	197.13 14.16 -48.15	236.67 16.99 -56.36	147.91 15.11 19.86	105.01 10.22 20.02	91.91 6.50 6.19	87.09 3.59 0.00	71.47 1.40 0.00	61.53 -0.81 0.02
GREENWD_138_KV_38B11_REV_LBMP_J 345004	63.57 1.06 0.01	55.05 1.86 0.00	51.11 2.20 0.00	50.99 2.20 0.00	50.91 2.15 0.00	51.66 1.94 0.00	57.59 1.84 0.00	60.78 1.37 0.00	63.09 1.43 0.41	66.56 2.21 0.54	67.76 3.67 7.96	75.68 5.50 6.17	89.00 6.74 0.00	99.95 7.49 0.00	108.66 8.97 0.00	124.47 10.64 -3.05	151.67 13.48 -3.36	184.43 16.17 -4.93	166.69 14.04 0.01	105.19 9.41 19.04	97.43 6.05 0.20	87.83 4.34 0.01	63.12 2.66 9.61	62.28 1.18 1.26
GRISSOM___SOLAR 323813	66.52 4.00 0.00	56.43 3.24 0.00	51.75 2.84 0.00	51.68 2.88 0.00	51.74 2.97 0.00	52.85 3.13 0.00	59.32 3.57 0.00	62.56 3.15 0.00	64.37 2.30 0.00	66.52 1.62 0.00	73.41 1.37 0.00	78.42 2.06 0.00	84.80 2.55 0.00	95.79 3.32 0.00	103.58 3.88 0.00	122.58 5.32 -6.48	149.66 7.68 -7.15	185.56 11.77 -10.47	165.01 12.36 0.00	125.03 10.21 0.00	99.66 8.06 0.00	90.09 6.59 0.00	75.26 5.19 0.00	66.41 4.05 0.00
GROVEVILLE___HYD 323602	64.46 1.94 0.00	55.10 1.91 0.00	50.77 1.86 0.00	50.60 1.81 0.00	50.56 1.80 0.00	51.61 1.89 0.00	57.87 2.12 0.00	61.50 2.08 0.00	64.25 2.17 0.00	67.76 2.86 0.00	76.36 4.32 0.00	82.24 5.88 0.00	89.24 6.99 0.00	100.60 8.14 0.00	108.96 9.27 0.00	123.86 10.75 -2.33	151.55 14.16 -2.57	184.24 17.15 -3.76	167.77 15.11 0.00	125.26 10.45 0.00	98.65 7.05 0.00	88.92 5.43 0.00	73.64 3.57 0.00	64.48 2.12 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	62.27 -0.25 0.00	52.71 -0.48 0.00	48.28 -0.64 0.00	48.07 -0.73 0.00	48.03 -0.73 0.00	49.02 -0.70 0.00	55.08 -0.67 0.00	59.00 -0.42 0.00	61.83 -0.25 0.00	64.96 0.06 0.00	72.62 0.58 0.00	77.20 0.84 0.00	82.83 0.58 0.00	92.93 0.46 0.00	100.09 0.40 0.00	111.12 0.33 0.00	135.09 0.27 0.00	163.16 -0.16 0.00	152.96 0.31 0.00	115.39 0.57 0.00	92.42 0.82 0.00	84.00 0.50 0.00	69.93 -0.14 0.00	61.99 -0.37 0.00
HAMLTNNY_34_KV_TB 80303	62.96 0.44 0.00	53.14 -0.05 0.00	48.72 -0.20 0.00	48.41 -0.39 0.00	48.37 -0.39 0.00	49.42 -0.30 0.00	55.53 -0.22 0.00	59.54 0.12 0.00	62.45 0.37 0.00	65.74 0.84 0.00	73.70 1.66 0.00	78.27 1.91 0.00	83.90 1.65 0.00	94.04 1.57 0.00	101.29 1.60 0.00	112.33 1.55 0.00	136.58 1.75 0.00	164.79 1.47 0.00	154.64 1.98 0.00	116.88 2.07 0.00	93.79 2.20 0.00	85.25 1.75 0.00	70.70 0.63 0.00	62.73 0.37 0.00

HAMPSHIRE___PAPER_HYD 323593	64.77 2.25 0.00	55.00 1.81 0.00	50.33 1.42 0.00	50.21 1.42 0.00	50.22 1.46 0.00	51.31 1.59 0.00	57.87 2.12 0.00	61.62 2.20 0.00	64.12 2.05 0.00	66.39 1.49 0.00	73.12 1.08 0.00	76.20 -0.15 0.00	81.43 -0.82 0.00	90.98 -1.48 0.00	97.59 -2.10 0.00	108.68 -2.11 0.00	131.59 -3.24 0.00	161.04 -2.29 0.00	151.43 -1.23 0.00	115.04 0.23 0.00	92.05 0.46 0.00	84.33 0.83 0.00	71.75 1.68 0.00	64.17 1.81 0.00
HARDSCRABBLE_WT_PWR 323673	62.77 0.25 0.00	53.35 0.16 0.00	49.06 0.15 0.00	48.94 0.15 0.00	48.91 0.15 0.00	49.92 0.20 0.00	55.98 0.22 0.00	59.72 0.30 0.00	62.26 0.19 0.00	65.29 0.39 0.00	72.69 0.65 0.00	77.35 0.99 0.00	83.32 1.07 0.00	93.85 1.39 0.00	101.19 1.50 0.00	112.33 1.55 0.00	136.57 1.75 0.00	165.44 2.12 0.00	154.95 2.29 0.00	116.42 1.61 0.00	92.70 1.10 0.00	84.33 0.83 0.00	70.63 0.56 0.00	62.55 0.19 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	63.90 1.38 0.00	54.68 1.49 0.00	50.33 1.42 0.00	50.21 1.42 0.00	50.13 1.37 0.00	51.16 1.44 0.00	57.37 1.62 0.00	61.02 1.60 0.00	63.69 1.61 0.00	67.11 2.21 0.00	75.57 3.53 0.00	81.55 5.19 0.00	88.42 6.17 0.00	99.68 7.21 0.00	108.07 8.37 0.00	123.11 9.75 -2.58	150.75 13.08 -2.85	183.17 15.68 -4.17	166.55 13.89 0.00	124.23 9.41 0.00	97.82 6.23 0.00	88.25 4.76 0.00	73.01 2.94 0.00	63.92 1.56 0.00
HARSNRAD_115KV_TB1 81005	63.46 0.94 0.00	52.50 -0.69 0.00	47.64 -1.27 0.00	47.19 -1.61 0.00	47.20 -1.56 0.00	48.13 -1.59 0.00	54.14 -1.62 0.00	58.05 -1.37 0.00	62.07 0.00 0.00	65.61 0.71 0.00	74.35 2.31 0.00	78.04 1.68 0.00	83.07 0.82 0.00	92.46 0.00 0.00	99.39 -0.30 0.00	109.90 -0.89 0.00	132.53 -2.29 0.00	156.46 -6.86 0.00	148.68 -3.97 0.00	113.89 -0.92 0.00	93.52 1.92 0.00	85.17 1.67 0.00	69.79 -0.28 0.00	63.05 0.69 0.00
HARZA MOOSE___RIVER 24016	64.77 2.25 0.00	54.78 1.60 0.00	50.18 1.27 0.00	50.07 1.27 0.00	50.03 1.27 0.00	51.16 1.44 0.00	57.59 1.84 0.00	61.56 2.14 0.00	64.12 2.05 0.00	66.91 2.01 0.00	74.35 2.31 0.00	78.72 2.37 0.00	84.23 1.97 0.00	94.78 2.31 0.00	101.89 2.19 0.00	113.44 2.66 0.00	137.66 2.83 0.00	167.73 4.41 0.00	157.84 5.19 0.00	119.75 4.94 0.00	95.62 4.03 0.00	86.84 3.34 0.00	73.08 3.01 0.00	64.79 2.43 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	61.96 -0.56 0.00	52.44 -0.74 0.00	48.08 -0.83 0.00	47.87 -0.93 0.00	47.83 -0.93 0.00	48.87 -0.85 0.00	54.92 -0.84 0.00	58.76 -0.65 0.00	61.58 -0.50 0.00	64.83 -0.06 0.00	72.55 0.50 0.00	77.12 0.76 0.00	82.75 0.49 0.00	92.93 0.46 0.00	100.09 0.40 0.00	111.12 0.33 0.00	135.09 0.27 0.00	163.16 -0.16 0.00	152.81 0.15 0.00	115.27 0.46 0.00	92.33 0.73 0.00	83.91 0.42 0.00	69.79 -0.28 0.00	61.86 -0.50 0.00
HELLGATE_13_KV_LD 55870	62.71 1.19 0.99	55.16 1.97 0.00	51.21 2.30 0.00	51.04 2.24 0.00	50.96 2.19 0.00	51.86 2.14 0.00	57.93 2.17 0.00	61.08 1.66 0.00	63.36 1.55 0.26	66.92 2.34 0.32	71.22 3.82 4.64	78.33 5.57 3.60	89.09 6.83 -0.01	100.24 7.77 -0.01	108.97 9.27 -0.01	124.70 10.86 -3.06	148.23 13.89 0.48	184.92 16.66 -4.94	156.71 14.35 10.29	107.29 9.53 17.05	85.93 6.14 11.80	75.14 4.43 12.78	66.79 2.73 6.01	62.76 1.18 0.79
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	62.71 1.19 0.99	55.16 1.97 0.00	51.21 2.30 0.00	51.04 2.24 0.00	50.96 2.19 0.00	51.86 2.14 0.00	57.93 2.17 0.00	61.08 1.66 0.00	63.36 1.55 0.26	66.92 2.34 0.32	71.22 3.82 4.64	78.33 5.57 3.60	89.09 6.83 -0.01	100.24 7.77 -0.01	108.97 9.27 -0.01	124.70 10.86 -3.06	148.23 13.89 0.48	184.92 16.66 -4.94	156.71 14.35 10.29	107.29 9.53 17.05	85.93 6.14 11.80	75.14 4.43 12.78	66.79 2.73 6.01	62.76 1.18 0.79
HEMPSTEAD___ 23647	64.39 1.87 0.00	55.59 2.40 -0.01	51.22 2.30 -0.01	50.94 2.14 0.00	50.71 1.95 0.00	52.05 2.34 0.00	58.09 2.34 0.00	61.55 2.14 0.00	63.56 1.49 0.00	66.39 1.49 0.00	74.70 2.67 0.01	81.25 4.89 0.00	89.16 6.91 0.00	101.07 8.60 -0.01	109.77 10.06 -0.01	137.92 11.74 -15.40	211.83 14.96 -62.05	252.76 17.97 -71.48	168.54 15.88 -0.01	125.73 10.91 -0.01	98.83 7.23 0.00	88.25 4.76 0.00	72.53 2.45 -0.01	62.79 0.44 0.01
HICKLING___1 23621	64.21 1.69 0.00	53.72 0.53 0.00	48.96 0.05 0.00	48.65 -0.15 0.00	48.66 -0.10 0.00	49.67 -0.05 0.00	56.03 0.28 0.00	60.19 0.77 0.00	63.32 1.24 0.00	66.85 1.95 0.00	75.21 3.17 0.00	79.95 3.59 0.00	85.38 3.13 0.00	95.33 2.87 0.00	102.38 2.69 0.00	113.66 2.88 0.00	138.33 3.51 0.00	165.94 2.61 0.00	156.78 4.12 0.00	119.63 4.82 0.00	96.63 5.04 0.00	87.92 4.43 0.00	72.03 1.96 0.00	64.17 1.81 0.00
HICKLING___2 23622	64.21 1.69 0.00	53.72 0.53 0.00	48.96 0.05 0.00	48.65 -0.15 0.00	48.66 -0.10 0.00	49.67 -0.05 0.00	56.03 0.28 0.00	60.19 0.77 0.00	63.32 1.24 0.00	66.85 1.95 0.00	75.21 3.17 0.00	79.95 3.59 0.00	85.38 3.13 0.00	95.33 2.87 0.00	102.38 2.69 0.00	113.66 2.88 0.00	138.33 3.51 0.00	165.94 2.61 0.00	156.78 4.12 0.00	119.63 4.82 0.00	96.63 5.04 0.00	87.92 4.43 0.00	72.03 1.96 0.00	64.17 1.81 0.00
HIGH FALLS___HY 23754	64.58 2.06 0.00	55.21 2.02 0.00	50.82 1.91 0.00	50.65 1.85 0.00	50.61 1.85 0.00	51.66 1.94 0.00	57.98 2.23 0.00	61.68 2.26 0.00	64.37 2.30 0.00	67.76 2.86 0.00	76.36 4.32 0.00	82.24 5.88 0.00	89.16 6.91 0.00	100.51 8.04 0.00	109.06 9.37 0.00	118.28 10.64 3.14	145.92 14.56 3.47	175.88 17.64 5.08	168.68 16.03 0.00	125.83 11.02 0.00	99.10 7.51 0.00	89.42 5.93 0.00	73.92 3.85 0.00	64.67 2.31 0.00
HIGH_RIVER___SOLAR 323847	64.83 2.31 0.00	55.10 1.91 0.00	50.67 1.76 0.00	50.60 1.81 0.00	50.61 1.85 0.00	51.61 1.89 0.00	57.82 2.06 0.00	61.20 1.78 0.00	63.19 1.12 0.00	65.68 0.78 0.00	72.76 0.72 0.00	77.80 1.45 0.00	84.31 2.06 0.00	95.15 2.68 0.00	102.88 3.19 0.00	121.84 4.21 -6.84	148.17 5.79 -7.55	182.87 8.49 -11.06	161.20 8.54 0.00	121.70 6.89 0.00	97.00 5.40 0.00	87.75 4.26 0.00	73.29 3.22 0.00	64.73 2.37 0.00
HILLBURN___GT 23639	63.46 0.94 0.00	54.41 1.22 0.00	50.14 1.22 0.00	50.02 1.22 0.00	49.93 1.17 0.00	50.96 1.24 0.00	57.09 1.34 0.00	60.72 1.31 0.00	63.31 1.24 0.00	66.71 1.81 0.00	75.07 3.03 0.00	81.09 4.74 0.00	88.09 5.84 0.00	99.31 6.84 0.00	107.76 8.07 0.00	122.88 9.41 -2.69	150.19 12.40 -2.97	182.52 14.86 -4.34	165.78 13.13 0.00	123.65 8.84 0.00	97.54 5.95 0.00	87.67 4.17 0.00	72.38 2.31 0.00	63.48 1.12 0.00
HILLSIDE_115KV_TB1 80332	63.02 0.50 0.00	52.87 -0.32 0.00	48.28 -0.64 0.00	48.02 -0.78 0.00	48.03 -0.73 0.00	48.97 -0.75 0.00	55.14 -0.61 0.00	59.18 -0.24 0.00	62.26 0.19 0.00	65.68 0.78 0.00	73.84 1.80 0.00	78.49 2.14 0.00	83.98 1.73 0.00	93.94 1.48 0.00	100.99 1.30 0.00	112.11 1.33 0.00	136.58 1.75 0.00	163.81 0.49 0.00	154.64 1.98 0.00	117.80 2.99 0.00	94.89 3.30 0.00	86.33 2.84 0.00	70.84 0.77 0.00	63.05 0.69 0.00

HISHELDN_WT_PWR 323625	63.96 1.44 0.00	53.03 -0.16 0.00	48.03 -0.88 0.00	47.63 -1.17 0.00	47.64 -1.12 0.00	48.62 -1.09 0.00	54.86 -0.89 0.00	59.00 -0.41 0.00	62.63 0.56 0.00	66.13 1.23 0.00	74.78 2.74 0.00	78.73 2.37 0.00	84.22 1.97 0.00	94.41 1.94 0.00	100.59 0.90 0.00	111.45 0.67 0.00	134.82 0.00 0.00	160.39 -2.94 0.00	152.20 -0.46 0.00	116.88 2.07 0.00	95.72 4.13 0.00	87.00 3.51 0.00	71.54 1.47 0.00	63.92 1.56 0.00
HOLTSVILLE_IC_1 23690	65.02 2.50 0.00	56.44 3.24 -0.01	52.00 3.08 -0.01	51.58 2.78 0.00	51.34 2.58 0.00	52.85 3.13 0.00	58.93 3.18 0.00	62.27 2.85 0.00	64.00 1.93 0.00	66.39 1.49 0.00	74.05 2.01 0.01	80.86 4.50 0.00	89.49 7.24 0.00	102.00 9.25 -0.29	125.87 10.46 -15.72	234.86 12.08 -112.00	245.99 15.36 -95.80	283.66 18.45 -101.89	238.68 16.64 -69.39	214.79 11.48 -88.50	122.94 7.88 -23.46	88.67 5.18 0.00	72.58 2.52 0.00	62.35 0.00 0.02
HOLTSVILLE_IC_10 23699	65.46 2.94 0.00	56.76 3.56 -0.01	52.29 3.37 -0.01	51.87 3.08 0.00	51.59 2.83 0.00	53.15 3.43 0.00	59.27 3.51 0.00	62.62 3.21 0.00	64.43 2.36 0.00	66.91 2.01 0.00	74.62 2.59 0.01	81.47 5.12 0.00	90.32 8.07 0.00	103.10 10.26 -0.38	128.22 11.66 -16.87	243.85 13.29 -119.78	250.59 16.85 -98.92	288.30 20.08 -104.89	245.95 18.16 -75.14	222.88 12.63 -95.44	125.85 8.88 -25.37	89.51 6.02 0.00	73.15 3.08 0.00	62.72 0.38 0.02
HOLTSVILLE_IC_2 23691	65.02 2.50 0.00	56.44 3.24 -0.01	52.00 3.08 -0.01	51.58 2.78 0.00	51.34 2.58 0.00	52.85 3.13 0.00	58.93 3.18 0.00	62.27 2.85 0.00	64.00 1.93 0.00	66.39 1.49 0.00	74.05 2.01 0.01	80.86 4.50 0.00	89.49 7.24 0.00	102.00 9.25 -0.29	125.87 10.46 -15.72	234.86 12.08 -112.00	245.99 15.36 -95.80	283.66 18.45 -101.89	238.68 16.64 -69.39	214.79 11.48 -88.50	122.94 7.88 -23.46	88.67 5.18 0.00	72.58 2.52 0.00	62.35 0.00 0.02
HOLTSVILLE_IC_3 23692	65.02 2.50 0.00	56.44 3.24 -0.01	52.00 3.08 -0.01	51.58 2.78 0.00	51.34 2.58 0.00	52.85 3.13 0.00	58.93 3.18 0.00	62.27 2.85 0.00	64.00 1.93 0.00	66.39 1.49 0.00	74.05 2.01 0.01	80.86 4.50 0.00	89.49 7.24 0.00	102.00 9.25 -0.29	125.87 10.46 -15.72	234.86 12.08 -112.00	245.99 15.36 -95.80	283.66 18.45 -101.89	238.68 16.64 -69.39	214.79 11.48 -88.50	122.94 7.88 -23.46	88.67 5.18 0.00	72.58 2.52 0.00	62.35 0.00 0.02
HOLTSVILLE_IC_4 23693	65.02 2.50 0.00	56.44 3.24 -0.01	52.00 3.08 -0.01	51.58 2.78 0.00	51.34 2.58 0.00	52.85 3.13 0.00	58.93 3.18 0.00	62.27 2.85 0.00	64.00 1.93 0.00	66.39 1.49 0.00	74.05 2.01 0.01	80.86 4.50 0.00	89.49 7.24 0.00	102.00 9.25 -0.29	125.87 10.46 -15.72	234.86 12.08 -112.00	245.99 15.36 -95.80	283.66 18.45 -101.89	238.68 16.64 -69.39	214.79 11.48 -88.50	122.94 7.88 -23.46	88.67 5.18 0.00	72.58 2.52 0.00	62.35 0.00 0.02
HOLTSVILLE_IC_5 23694	65.02 2.50 0.00	56.44 3.24 -0.01	52.00 3.08 -0.01	51.58 2.78 0.00	51.34 2.58 0.00	52.85 3.13 0.00	58.93 3.18 0.00	62.27 2.85 0.00	64.00 1.93 0.00	66.39 1.49 0.00	74.05 2.01 0.01	80.86 4.50 0.00	89.49 7.24 0.00	102.00 9.25 -0.29	125.87 10.46 -15.72	234.86 12.08 -112.00	245.99 15.36 -95.80	283.66 18.45 -101.89	238.68 16.64 -69.39	214.79 11.48 -88.50	122.94 7.88 -23.46	88.67 5.18 0.00	72.58 2.52 0.00	62.35 0.00 0.02
HOLTSVILLE_IC_6 23695	65.46 2.94 0.00	56.76 3.56 -0.01	52.29 3.37 -0.01	51.87 3.08 0.00	51.59 2.83 0.00	53.15 3.43 0.00	59.27 3.51 0.00	62.62 3.21 0.00	64.43 2.36 0.00	66.91 2.01 0.00	74.62 2.59 0.01	81.47 5.12 0.00	90.32 8.07 0.00	103.10 10.26 -0.38	128.22 11.66 -16.87	243.85 13.29 -119.78	250.59 16.85 -98.92	288.30 20.08 -104.89	245.95 18.16 -75.14	222.88 12.63 -95.44	125.85 8.88 -25.37	89.51 6.02 0.00	73.15 3.08 0.00	62.72 0.38 0.02
HOLTSVILLE_IC_7 23696	65.46 2.94 0.00	56.76 3.56 -0.01	52.29 3.37 -0.01	51.87 3.08 0.00	51.59 2.83 0.00	53.15 3.43 0.00	59.27 3.51 0.00	62.62 3.21 0.00	64.43 2.36 0.00	66.91 2.01 0.00	74.62 2.59 0.01	81.47 5.12 0.00	90.32 8.07 0.00	103.10 10.26 -0.38	128.22 11.66 -16.87	243.85 13.29 -119.78	250.59 16.85 -98.92	288.30 20.08 -104.89	245.95 18.16 -75.14	222.88 12.63 -95.44	125.85 8.88 -25.37	89.51 6.02 0.00	73.15 3.08 0.00	62.72 0.38 0.02
HOLTSVILLE_IC_8 23697	65.46 2.94 0.00	56.76 3.56 -0.01	52.29 3.37 -0.01	51.87 3.08 0.00	51.59 2.83 0.00	53.15 3.43 0.00	59.27 3.51 0.00	62.62 3.21 0.00	64.43 2.36 0.00	66.91 2.01 0.00	74.62 2.59 0.01	81.47 5.12 0.00	90.32 8.07 0.00	103.10 10.26 -0.38	128.22 11.66 -16.87	243.85 13.29 -119.78	250.59 16.85 -98.92	288.30 20.08 -104.89	245.95 18.16 -75.14	222.88 12.63 -95.44	125.85 8.88 -25.37	89.51 6.02 0.00	73.15 3.08 0.00	62.72 0.38 0.02
HOLTSVILLE_IC_9 23698	65.46 2.94 0.00	56.76 3.56 -0.01	52.29 3.37 -0.01	51.87 3.08 0.00	51.59 2.83 0.00	53.15 3.43 0.00	59.27 3.51 0.00	62.62 3.21 0.00	64.43 2.36 0.00	66.91 2.01 0.00	74.62 2.59 0.01	81.47 5.12 0.00	90.32 8.07 0.00	103.10 10.26 -0.38	128.22 11.66 -16.87	243.85 13.29 -119.78	250.59 16.85 -98.92	288.30 20.08 -104.89	245.95 18.16 -75.14	222.88 12.63 -95.44	125.85 8.88 -25.37	89.51 6.02 0.00	73.15 3.08 0.00	62.72 0.38 0.02
HOMER_HL_115KV_TB2 355744	62.96 0.44 0.00	52.34 -0.85 0.00	47.40 -1.52 0.00	47.09 -1.71 0.00	47.15 -1.61 0.00	48.08 -1.64 0.00	54.30 -1.45 0.00	58.64 -0.77 0.00	62.32 0.25 0.00	65.87 0.97 0.00	74.35 2.31 0.00	78.72 2.37 0.00	84.23 1.97 0.00	93.94 1.48 0.00	100.89 1.20 0.00	112.00 1.22 0.00	136.31 1.48 0.00	161.69 -1.63 0.00	153.72 1.07 0.00	117.80 2.99 0.00	95.53 3.94 0.00	86.92 3.42 0.00	70.70 0.63 0.00	63.11 0.75 0.00
HOWARD_WT_PWR 323690	64.89 2.38 0.00	53.99 0.80 0.00	48.96 0.05 0.00	48.55 -0.24 0.00	48.57 -0.19 0.00	49.57 -0.15 0.00	56.09 0.34 0.00	60.25 0.83 0.00	63.38 1.31 0.00	66.84 1.95 0.00	75.43 3.39 0.00	79.71 3.36 0.00	85.21 2.96 0.00	95.42 2.96 0.00	101.49 1.80 0.00	112.66 1.88 0.00	136.97 2.15 0.00	163.98 0.66 0.00	156.01 3.35 0.00	119.86 5.05 0.00	97.82 6.23 0.00	88.84 5.35 0.00	73.01 2.94 0.00	64.92 2.56 0.00
HQ_GEN_CEDARS 23644	64.27 1.75 0.00	54.73 1.54 0.00	50.28 1.37 0.00	50.11 1.32 0.00	50.08 1.32 0.00	51.06 1.34 0.00	57.54 1.78 0.00	60.96 1.54 0.00	63.63 1.55 0.00	65.87 0.97 0.00	71.90 -0.14 0.00	74.52 -1.83 0.00	79.87 -2.39 0.00	89.41 -3.05 0.00	95.61 -4.09 0.00	106.24 -4.54 0.00	128.89 -5.93 0.00	157.12 -6.21 0.00	146.70 -5.95 0.00	110.68 -4.13 0.00	89.21 -2.38 0.00	81.99 -1.50 0.00	70.35 0.28 0.00	63.42 1.06 0.00
HQ_GEN_CEDARS_PROXY 323590	64.27 1.75 0.00	54.73 1.54 0.00	50.28 1.37 0.00	50.12 1.32 0.00	50.08 1.32 0.00	51.06 1.34 0.00	57.54 1.78 0.00	60.96 1.54 0.00	63.63 1.55 0.00	65.87 0.97 0.00	71.97 -0.07 0.00	74.52 -1.83 0.00	79.70 -2.55 0.00	88.76 -3.70 0.00	95.60 -4.09 0.00	106.24 -4.55 0.00	128.76 -6.06 0.00	157.12 -6.21 0.00	146.70 -5.96 0.00	110.57 -4.25 0.00	88.57 -3.02 0.00	81.99 -1.50 0.00	70.35 0.28 0.00	63.42 1.06 0.00

HQ_GEN_IMPORT 323601	62.96 0.44 0.00	53.61 0.42 0.00	49.26 0.34 0.00	49.14 0.34 0.00	49.10 0.34 0.00	50.07 0.35 0.00	56.20 0.44 0.00	59.84 0.42 0.00	62.57 0.49 0.00	69.98 0.06 -5.02	70.00 -0.65 1.39	71.21 -1.53 3.62	80.36 -1.89 0.00	90.16 -2.31 0.00	97.20 -2.49 0.00	108.02 -2.77 0.00	131.19 -3.63 0.00	159.25 -4.08 0.00	148.84 -3.81 0.00	111.95 -2.87 0.00	89.39 -2.20 0.00	70.01 -1.34 12.15	69.98 -0.28 -0.19	74.63 0.31 -11.96
HQ_GEN_WHEEL 23651	62.96 0.44 0.00	53.61 0.42 0.00	49.26 0.34 0.00	49.14 0.34 0.00	49.10 0.34 0.00	50.07 0.35 0.00	56.20 0.44 0.00	59.84 0.42 0.00	62.57 0.49 0.00	69.98 0.06 -5.02	70.00 -0.65 1.39	71.21 -1.53 3.62	80.36 -1.89 0.00	90.16 -2.31 0.00	97.20 -2.49 0.00	108.02 -2.77 0.00	131.19 -3.63 0.00	159.25 -4.08 0.00	148.84 -3.81 0.00	111.95 -2.87 0.00	89.39 -2.20 0.00	70.01 -1.34 12.15	69.98 -0.28 -0.19	74.63 0.31 -11.96
HUDSON AVE_GT_3 23810	63.90 1.38 0.00	55.05 1.86 0.00	50.72 1.81 0.00	50.55 1.76 0.00	50.47 1.71 0.00	51.56 1.84 0.00	57.76 2.01 0.00	61.26 1.84 0.00	63.87 1.80 0.00	67.50 2.60 0.00	76.08 4.03 0.00	82.16 5.80 0.00	89.33 7.07 0.00	100.60 8.14 0.00	109.36 9.67 0.00	125.14 11.30 -3.05	152.49 14.29 -3.37	185.57 17.31 -4.93	167.46 14.81 0.00	124.69 9.87 0.00	98.01 6.41 0.00	88.17 4.68 0.00	73.08 3.01 0.00	63.79 1.43 0.00
HUDSON AVE_GT_4 23540	63.90 1.38 0.00	55.05 1.86 0.00	50.72 1.81 0.00	50.55 1.76 0.00	50.47 1.71 0.00	51.56 1.84 0.00	57.76 2.01 0.00	61.26 1.84 0.00	63.87 1.80 0.00	67.50 2.60 0.00	76.08 4.03 0.00	82.16 5.80 0.00	89.33 7.07 0.00	100.60 8.14 0.00	109.36 9.67 0.00	125.14 11.30 -3.05	152.49 14.29 -3.37	185.57 17.31 -4.93	167.46 14.81 0.00	124.69 9.87 0.00	98.01 6.41 0.00	88.17 4.68 0.00	73.08 3.01 0.00	63.79 1.43 0.00
HUDSON AVE_GT_5 23657	63.90 1.38 0.00	55.05 1.86 0.00	50.72 1.81 0.00	50.55 1.76 0.00	50.47 1.71 0.00	51.56 1.84 0.00	57.76 2.01 0.00	61.26 1.84 0.00	63.87 1.80 0.00	67.50 2.60 0.00	76.08 4.03 0.00	82.16 5.80 0.00	89.33 7.07 0.00	100.60 8.14 0.00	109.36 9.67 0.00	125.14 11.30 -3.05	152.49 14.29 -3.37	185.57 17.31 -4.93	167.46 14.81 0.00	124.69 9.87 0.00	98.01 6.41 0.00	88.17 4.68 0.00	73.08 3.01 0.00	63.79 1.43 0.00
HUDSON_AVE_10 24168	63.71 1.19 0.00	54.84 1.65 0.00	50.58 1.66 0.00	50.41 1.61 0.00	50.32 1.56 0.00	51.36 1.64 0.00	57.59 1.84 0.00	61.08 1.66 0.00	63.69 1.61 0.00	67.30 2.40 0.00	75.79 3.75 0.00	81.85 5.50 0.00	89.08 6.83 0.00	100.70 7.86 -0.38	109.06 9.37 0.00	126.16 11.08 -4.30	155.26 14.16 -6.28	189.23 17.15 -8.76	169.24 14.65 -1.94	124.46 9.64 0.00	98.23 6.23 -0.41	87.92 4.43 0.00	72.94 2.87 0.00	63.67 1.31 0.00
HUDSON___115KV_TB 4 355613	63.65 1.13 0.00	54.15 0.96 0.00	49.89 0.98 0.00	49.87 1.07 0.00	49.83 1.07 0.00	50.71 0.99 0.00	56.81 1.06 0.00	59.89 0.48 0.00	62.20 0.12 0.00	65.03 0.13 0.00	72.40 0.36 0.00	77.58 1.22 0.00	83.98 1.73 0.00	94.68 2.22 0.00	102.28 2.59 0.00	76.53 3.77 38.02	83.11 5.66 57.38	94.33 7.84 76.83	133.02 7.33 26.96	95.11 5.51 25.21	80.99 3.85 14.45	78.34 2.84 7.99	71.75 1.68 0.00	63.30 0.94 0.00
HUNTER MOUNT___DRP 323613	64.02 1.50 0.00	54.41 1.22 0.00	50.14 1.22 0.00	50.07 1.27 0.00	50.03 1.27 0.00	50.86 1.14 0.00	56.98 1.23 0.00	60.07 0.65 0.00	62.26 0.19 0.00	65.09 0.19 0.00	72.47 0.43 0.00	77.58 1.22 0.00	83.90 1.65 0.00	94.68 2.22 0.00	102.18 2.49 0.00	85.79 4.21 29.20	96.79 6.47 44.51	112.86 8.98 59.45	139.87 8.70 21.49	101.26 6.54 20.09	84.84 4.76 11.52	80.88 3.76 6.37	72.24 2.17 0.00	63.73 1.37 0.00
HUNTINGTON_RES_REC 323705	64.65 2.13 0.00	56.17 2.98 -0.01	51.76 2.84 -0.01	51.33 2.54 0.00	51.10 2.34 0.00	52.55 2.83 0.00	58.60 2.84 0.00	62.03 2.61 0.00	63.81 1.74 0.00	65.93 1.04 0.00	73.84 1.80 0.01	80.55 4.20 0.00	89.16 6.91 0.00	103.40 9.16 -1.78	145.29 10.67 -34.92	386.83 12.41 -263.64	306.23 15.77 -155.64	341.55 19.10 -159.13	350.77 16.94 -181.17	350.65 11.59 -224.25	159.89 7.69 -60.60	88.17 4.67 0.00	72.17 2.10 0.00	62.04 -0.31 0.02
HUNTLEY___63 23557	64.08 1.56 0.00	53.19 0.00 0.00	48.18 -0.73 0.00	47.72 -1.07 0.00	47.74 -1.02 0.00	48.67 -1.04 0.00	54.86 -0.89 0.00	59.00 -0.42 0.00	62.94 0.87 0.00	66.59 1.69 0.00	75.50 3.46 0.00	79.33 2.98 0.00	84.64 2.39 0.00	94.22 1.76 0.00	101.29 1.60 0.00	111.78 1.00 0.00	134.82 0.00 0.00	159.08 -4.25 0.00	151.13 -1.53 0.00	115.61 0.80 0.00	94.98 3.39 0.00	86.50 3.01 0.00	70.84 0.77 0.00	63.73 1.37 0.00
HUNTLEY___64 23558	64.08 1.56 0.00	53.19 0.00 0.00	48.18 -0.73 0.00	47.72 -1.07 0.00	47.74 -1.02 0.00	48.67 -1.04 0.00	54.86 -0.89 0.00	59.00 -0.42 0.00	62.94 0.87 0.00	66.59 1.69 0.00	75.50 3.46 0.00	79.33 2.98 0.00	84.64 2.39 0.00	94.22 1.76 0.00	101.29 1.60 0.00	111.78 1.00 0.00	134.82 0.00 0.00	159.08 -4.25 0.00	151.13 -1.53 0.00	115.61 0.80 0.00	94.98 3.39 0.00	86.50 3.01 0.00	70.84 0.77 0.00	63.73 1.37 0.00
HUNTLEY___65 23559	64.08 1.56 0.00	53.19 0.00 0.00	48.18 -0.73 0.00	47.72 -1.07 0.00	47.74 -1.02 0.00	48.67 -1.04 0.00	54.86 -0.89 0.00	59.00 -0.42 0.00	62.94 0.87 0.00	66.59 1.69 0.00	75.50 3.46 0.00	79.33 2.98 0.00	84.64 2.39 0.00	94.22 1.76 0.00	101.29 1.60 0.00	111.78 1.00 0.00	134.82 0.00 0.00	159.08 -4.25 0.00	151.13 -1.53 0.00	115.61 0.80 0.00	94.98 3.39 0.00	86.50 3.01 0.00	70.84 0.77 0.00	63.73 1.37 0.00
HUNTLEY___66 23560	64.08 1.56 0.00	53.19 0.00 0.00	48.18 -0.73 0.00	47.72 -1.07 0.00	47.74 -1.02 0.00	48.67 -1.04 0.00	54.86 -0.89 0.00	59.00 -0.42 0.00	62.94 0.87 0.00	66.59 1.69 0.00	75.50 3.46 0.00	79.33 2.98 0.00	84.64 2.39 0.00	94.22 1.76 0.00	101.29 1.60 0.00	111.78 1.00 0.00	134.82 0.00 0.00	159.08 -4.25 0.00	151.13 -1.53 0.00	115.61 0.80 0.00	94.98 3.39 0.00	86.50 3.01 0.00	70.84 0.77 0.00	63.73 1.37 0.00
HUNTLEY___67 23561	63.71 1.19 0.00	52.76 -0.43 0.00	47.84 -1.08 0.00	47.43 -1.37 0.00	47.44 -1.32 0.00	48.38 -1.34 0.00	54.47 -1.28 0.00	58.64 -0.77 0.00	62.69 0.62 0.00	66.33 1.43 0.00	75.14 3.10 0.00	78.95 2.60 0.00	84.23 1.97 0.00	93.76 1.29 0.00	100.79 1.10 0.00	111.56 0.78 0.00	134.55 -0.27 0.00	159.08 -4.25 0.00	150.97 -1.68 0.00	115.61 0.80 0.00	94.71 3.11 0.00	86.25 2.76 0.00	70.63 0.56 0.00	63.55 1.18 0.00
HUNTLEY___68 23562	63.71 1.19 0.00	52.76 -0.43 0.00	47.84 -1.08 0.00	47.43 -1.37 0.00	47.44 -1.32 0.00	48.38 -1.34 0.00	54.47 -1.28 0.00	58.64 -0.77 0.00	62.69 0.62 0.00	66.33 1.43 0.00	75.14 3.10 0.00	78.95 2.60 0.00	84.23 1.97 0.00	93.76 1.29 0.00	100.79 1.10 0.00	111.56 0.78 0.00	134.55 -0.27 0.00	159.08 -4.25 0.00	150.97 -1.68 0.00	115.61 0.80 0.00	94.71 3.11 0.00	86.25 2.76 0.00	70.63 0.56 0.00	63.55 1.18 0.00

HYLAND___LFGE 323620	65.77 3.25 0.00	54.73 1.54 0.00	49.79 0.88 0.00	49.14 0.34 0.00	49.15 0.39 0.00	50.51 0.79 0.00	56.87 1.11 0.00	60.25 0.83 0.00	62.45 0.37 0.00	65.09 0.20 0.00	72.91 0.87 0.00	77.12 0.76 0.00	82.58 0.33 0.00	92.65 0.19 0.00	93.61 -6.08 0.00	104.36 -6.43 0.00	126.87 -7.95 0.00	152.87 -10.46 0.00	147.01 -5.65 0.00	115.04 0.23 0.00	94.34 2.75 0.00	85.66 2.17 0.00	73.99 3.92 0.00	65.35 2.99 0.00
INDECK___CORINTH 23802	64.65 2.13 0.00	54.89 1.70 0.00	50.38 1.47 0.00	50.26 1.46 0.00	50.27 1.51 0.00	51.31 1.59 0.00	57.59 1.84 0.00	61.26 1.84 0.00	63.81 1.74 0.00	66.71 1.81 0.00	73.70 1.66 0.00	78.95 2.60 0.00	85.46 3.20 0.00	96.17 3.70 0.00	103.48 3.79 0.00	127.05 4.54 -11.73	167.46 5.93 -26.72	204.52 8.49 -32.71	185.61 8.85 -24.10	144.35 7.00 -22.53	110.19 5.68 -12.92	94.73 4.09 -7.15	73.29 3.22 0.00	64.67 2.31 0.00
INDECK___ILION 23567	62.71 0.19 0.00	53.35 0.16 0.00	49.06 0.15 0.00	48.94 0.15 0.00	48.91 0.15 0.00	49.92 0.20 0.00	55.98 0.22 0.00	59.66 0.24 0.00	62.26 0.19 0.00	65.22 0.32 0.00	72.62 0.58 0.00	77.27 0.92 0.00	83.24 0.99 0.00	93.76 1.29 0.00	101.09 1.40 0.00	112.33 1.55 0.00	136.71 1.89 0.00	165.61 2.29 0.00	154.94 2.29 0.00	116.42 1.61 0.00	92.69 1.10 0.00	84.33 0.83 0.00	70.56 0.49 0.00	62.61 0.25 0.00
INDECK___OLEAN 23982	62.96 0.44 0.00	52.39 -0.80 0.00	47.40 -1.52 0.00	47.14 -1.66 0.00	47.15 -1.61 0.00	48.08 -1.64 0.00	54.30 -1.45 0.00	58.71 -0.71 0.00	62.32 0.25 0.00	65.81 0.91 0.00	74.35 2.30 0.00	78.73 2.37 0.00	84.39 2.13 0.00	94.68 2.22 0.00	100.89 1.20 0.00	112.00 1.22 0.00	136.31 1.49 0.00	162.01 -1.31 0.00	153.73 1.08 0.00	117.79 2.98 0.00	95.90 4.31 0.00	86.92 3.42 0.00	70.98 0.91 0.00	63.17 0.81 0.00
INDECK___OSWEGO 23783	60.83 -1.69 0.00	51.54 -1.65 0.00	47.35 -1.57 0.00	47.19 -1.61 0.00	47.15 -1.61 0.00	48.08 -1.64 0.00	54.02 -1.73 0.00	57.69 -1.72 0.00	60.34 -1.74 0.00	63.34 -1.56 0.00	70.75 -1.29 0.00	75.21 -1.14 0.00	80.77 -1.48 0.00	90.89 -1.57 0.00	97.70 -1.99 0.00	108.57 -2.21 0.00	131.99 -2.84 0.00	159.73 -3.59 0.00	149.60 -3.05 0.00	112.86 -1.95 0.00	90.40 -1.19 0.00	82.16 -1.34 0.00	68.53 -1.54 0.00	60.74 -1.62 0.00
INDECK___YERKES 23781	64.08 1.56 0.00	53.35 0.16 0.00	48.23 -0.68 0.00	47.77 -1.03 0.00	47.79 -0.97 0.00	48.72 -0.99 0.00	54.92 -0.83 0.00	59.18 -0.24 0.00	62.94 0.87 0.00	66.58 1.68 0.00	75.50 3.46 0.00	79.26 2.90 0.00	84.88 2.63 0.00	95.05 2.59 0.00	101.28 1.59 0.00	111.78 0.99 0.00	134.82 0.00 0.00	159.40 -3.92 0.00	151.13 -1.53 0.00	115.73 0.91 0.00	95.26 3.67 0.00	86.59 3.09 0.00	71.19 1.12 0.00	63.80 1.44 0.00
INDIAN POINT_GT_1 24139	63.52 1.00 0.00	54.52 1.33 0.00	50.23 1.32 0.00	50.11 1.32 0.00	50.03 1.27 0.00	51.06 1.34 0.00	57.26 1.51 0.00	60.78 1.37 0.00	63.38 1.30 0.00	66.78 1.88 0.00	75.21 3.17 0.00	81.17 4.81 0.00	88.17 5.92 0.00	99.40 6.93 0.00	107.97 8.27 0.00	123.52 9.75 -2.99	150.66 12.54 -3.30	183.33 15.19 -4.82	165.78 13.13 0.00	123.77 8.96 0.00	97.36 5.77 0.00	87.67 4.17 0.00	72.52 2.45 0.00	63.48 1.12 0.00
INDIAN POINT_GT_2 23659	63.52 1.00 0.00	54.52 1.33 0.00	50.23 1.32 0.00	50.11 1.32 0.00	50.03 1.27 0.00	51.06 1.34 0.00	57.26 1.51 0.00	60.78 1.37 0.00	63.38 1.30 0.00	66.78 1.88 0.00	75.21 3.17 0.00	81.17 4.81 0.00	88.17 5.92 0.00	99.40 6.93 0.00	107.97 8.27 0.00	123.52 9.75 -2.99	150.66 12.54 -3.30	183.33 15.19 -4.82	165.78 13.13 0.00	123.77 8.96 0.00	97.36 5.77 0.00	87.67 4.17 0.00	72.52 2.45 0.00	63.48 1.12 0.00
INDIAN POINT_GT_3 24019	63.52 1.00 0.00	54.52 1.33 0.00	50.23 1.32 0.00	50.11 1.32 0.00	50.03 1.27 0.00	51.06 1.34 0.00	57.26 1.51 0.00	60.78 1.37 0.00	63.38 1.30 0.00	66.78 1.88 0.00	75.21 3.17 0.00	81.17 4.81 0.00	88.17 5.92 0.00	99.40 6.93 0.00	107.97 8.27 0.00	123.52 9.75 -2.99	150.66 12.54 -3.30	183.33 15.19 -4.82	165.78 13.13 0.00	123.77 8.96 0.00	97.36 5.77 0.00	87.67 4.17 0.00	72.52 2.45 0.00	63.48 1.12 0.00
INDIAN POINT___2 23530	63.46 0.94 0.00	54.41 1.22 0.00	50.18 1.27 0.00	50.06 1.27 0.00	49.98 1.22 0.00	51.01 1.29 0.00	57.09 1.34 0.00	60.72 1.31 0.00	63.25 1.18 0.00	66.65 1.75 0.00	75.00 2.95 0.00	80.94 4.58 0.00	88.01 5.76 0.00	99.21 6.75 0.00	107.67 7.98 0.00	123.07 9.41 -2.87	150.13 12.14 -3.17	182.67 14.71 -4.64	165.48 12.82 0.00	123.43 8.62 0.00	97.37 5.77 0.00	87.50 4.01 0.00	72.31 2.24 0.00	63.36 0.99 0.00
INDIAN POINT___3 23531	63.46 0.94 0.00	54.47 1.28 0.00	50.18 1.27 0.00	50.07 1.27 0.00	49.98 1.22 0.00	51.01 1.29 0.00	57.15 1.39 0.00	60.72 1.31 0.00	63.25 1.18 0.00	66.65 1.75 0.00	75.00 2.95 0.00	81.01 4.66 0.00	87.93 5.68 0.00	99.12 6.66 0.00	107.67 7.98 0.00	123.08 9.31 -2.99	150.26 12.13 -3.30	182.69 14.54 -4.83	165.32 12.67 0.00	123.42 8.61 0.00	97.09 5.50 0.00	87.50 4.01 0.00	72.38 2.31 0.00	63.36 1.00 0.00
INGHAM_C_115KV_TB7 356103	62.71 0.19 0.00	53.30 0.11 0.00	48.96 0.05 0.00	48.85 0.05 0.00	48.86 0.10 0.00	49.87 0.15 0.00	55.92 0.17 0.00	59.60 0.18 0.00	62.20 0.12 0.00	65.16 0.26 0.00	72.55 0.50 0.00	77.20 0.84 0.00	83.16 0.90 0.00	93.67 1.20 0.00	100.99 1.30 0.00	112.11 1.33 0.00	136.44 1.62 0.00	165.12 1.80 0.00	154.64 1.98 0.00	116.19 1.38 0.00	92.51 0.92 0.00	84.25 0.75 0.00	70.56 0.49 0.00	62.49 0.12 0.00
IP CORINTH___1 23988	65.02 2.50 0.00	55.21 2.02 0.00	50.67 1.76 0.00	50.55 1.76 0.00	50.56 1.80 0.00	51.61 1.89 0.00	57.93 2.17 0.00	61.62 2.20 0.00	64.18 2.11 0.00	67.17 2.27 0.00	74.20 2.16 0.00	79.41 3.05 0.00	85.95 3.70 0.00	96.62 4.16 0.00	103.98 4.29 0.00	127.72 5.21 -11.73	168.15 6.61 -26.72	205.51 9.47 -32.71	186.52 9.77 -24.10	145.04 7.69 -22.53	110.47 5.95 -12.92	95.23 4.59 -7.15	73.71 3.64 0.00	65.04 2.68 0.00
IP___TICONDEROGA 23804	68.27 5.75 0.00	57.71 4.52 0.00	52.83 3.91 0.00	52.65 3.85 0.00	52.71 3.95 0.00	53.84 4.13 0.00	60.60 4.85 0.00	64.11 4.69 0.00	66.67 4.59 0.00	69.64 4.74 0.00	77.08 5.04 0.00	82.54 6.18 0.00	89.24 6.99 0.00	100.42 7.95 0.00	107.77 8.08 0.00	132.46 9.42 -12.26	175.42 11.86 -28.73	215.15 16.82 -35.00	195.89 16.64 -26.60	153.23 13.55 -24.87	116.57 10.72 -14.26	100.06 8.68 -7.89	77.36 7.29 0.00	68.28 5.92 0.00
ISLIP_RES_REC 323679	65.83 3.31 0.00	57.08 3.88 -0.01	52.59 3.67 -0.01	52.12 3.32 0.00	51.88 3.12 0.00	53.40 3.68 0.00	59.60 3.84 0.00	62.98 3.56 0.00	64.87 2.80 0.00	67.37 2.47 0.00	75.28 3.24 0.01	82.24 5.88 0.00	91.14 8.89 0.00	104.03 11.28 -0.29	128.38 12.87 -15.82	235.66 14.62 -110.26	248.50 18.47 -95.20	286.88 22.21 -101.35	240.79 19.99 -68.14	215.71 14.00 -86.90	124.44 9.81 -23.04	90.26 6.76 0.00	73.71 3.64 0.00	63.22 0.87 0.02

JAMAICA__27_KV_LOAD 355505	64.08 1.56 0.00	55.05 1.86 0.00	50.72 1.81 0.00	50.55 1.76 0.00	50.47 1.71 0.00	51.51 1.79 0.00	57.82 2.06 0.00	61.44 2.02 0.00	64.12 2.05 0.00	67.82 2.92 0.00	76.15 4.11 0.00	82.31 5.96 0.00	89.57 7.32 0.00	101.44 8.51 -0.47	109.76 10.07 0.00	127.60 12.19 -4.63	157.51 15.64 -7.05	192.20 19.11 -9.77	171.43 16.33 -2.45	125.72 10.91 0.00	99.34 7.24 -0.51	88.67 5.18 0.00	73.71 3.64 0.00	64.17 1.81 0.00
JANIS__SOLAR 323808	65.96 3.44 0.00	55.53 2.34 0.00	50.67 1.76 0.00	50.50 1.71 0.00	50.51 1.75 0.00	51.65 1.94 0.00	58.32 2.57 0.00	62.45 3.03 0.00	64.87 2.80 0.00	67.89 2.99 0.00	75.79 3.74 0.00	80.55 4.20 0.00	86.20 3.95 0.00	97.27 4.81 0.00	104.48 4.79 0.00	116.43 5.65 0.00	141.96 7.14 0.00	172.63 9.30 0.00	163.18 10.53 0.00	123.77 8.96 0.00	99.29 7.69 0.00	89.93 6.43 0.00	74.49 4.42 0.00	65.85 3.49 0.00
JARVIS____ 23743	62.52 0.00 0.00	53.19 0.00 0.00	48.96 0.05 0.00	48.85 0.05 0.00	48.81 0.05 0.00	49.77 0.05 0.00	55.75 0.00 0.00	59.48 0.06 0.00	62.07 0.00 0.00	64.96 0.06 0.00	72.33 0.29 0.00	76.96 0.61 0.00	82.99 0.74 0.00	93.39 0.92 0.00	100.69 1.00 0.00	111.89 1.11 0.00	136.31 1.49 0.00	165.12 1.80 0.00	154.34 1.68 0.00	115.96 1.15 0.00	92.42 0.82 0.00	84.08 0.59 0.00	70.35 0.28 0.00	62.42 0.06 0.00
JENNISON____1 23625	66.02 3.50 0.00	55.64 2.45 0.00	50.87 1.96 0.00	50.80 2.00 0.00	50.81 2.05 0.00	51.95 2.24 0.00	58.54 2.79 0.00	62.80 3.39 0.00	65.43 3.35 0.00	68.86 3.96 0.00	77.23 5.19 0.00	82.39 6.03 0.00	88.17 5.92 0.00	99.49 7.03 0.00	107.17 7.48 0.00	119.09 8.31 0.00	144.67 9.84 0.00	175.41 12.09 0.00	165.17 12.52 0.00	124.46 9.64 0.00	99.38 7.79 0.00	90.09 6.60 0.00	74.55 4.48 0.00	65.85 3.49 0.00
JENNISON____2 23626	66.02 3.50 0.00	55.64 2.45 0.00	50.87 1.96 0.00	50.80 2.00 0.00	50.81 2.05 0.00	51.95 2.24 0.00	58.54 2.79 0.00	62.80 3.39 0.00	65.43 3.35 0.00	68.86 3.96 0.00	77.23 5.19 0.00	82.39 6.03 0.00	88.17 5.92 0.00	99.49 7.03 0.00	107.17 7.48 0.00	119.09 8.31 0.00	144.67 9.84 0.00	175.41 12.09 0.00	165.17 12.52 0.00	124.46 9.64 0.00	99.38 7.79 0.00	90.09 6.60 0.00	74.55 4.48 0.00	65.85 3.49 0.00
JERICOHO_RISE_WT_PWR 323719	63.27 0.75 0.00	53.83 0.64 0.00	49.45 0.54 0.00	49.29 0.49 0.00	49.25 0.49 0.00	50.27 0.55 0.00	56.59 0.84 0.00	60.25 0.83 0.00	62.94 0.87 0.00	65.29 0.39 0.00	71.46 -0.58 0.00	74.60 -1.75 0.00	79.79 -2.47 0.00	88.95 -3.51 0.00	96.01 -3.69 0.00	106.69 -4.10 0.00	129.43 -5.40 0.00	157.77 -5.55 0.00	147.16 -5.49 0.00	110.79 -4.02 0.00	88.75 -2.84 0.00	82.16 -1.34 0.00	69.86 -0.21 0.00	62.80 0.44 0.00
KATONAH__115KV_46KV_TB4 355592	64.02 1.50 0.00	54.84 1.65 0.00	50.53 1.61 0.00	50.41 1.61 0.00	50.37 1.61 0.00	51.41 1.69 0.00	57.70 1.95 0.00	61.26 1.84 0.00	63.87 1.80 0.00	67.30 2.40 0.00	76.00 3.96 0.00	82.01 5.65 0.00	89.16 6.91 0.00	100.60 8.14 0.00	109.16 9.47 0.00	124.96 11.08 -3.10	152.40 14.16 -3.42	185.81 17.48 -5.01	167.61 14.96 0.00	125.03 10.22 0.00	98.37 6.78 0.00	88.51 5.01 0.00	73.15 3.08 0.00	63.98 1.62 0.00
KCE_NY_1 323755	65.08 2.56 0.00	55.37 2.18 0.00	50.87 1.96 0.00	50.80 2.00 0.00	50.76 2.00 0.00	51.81 2.09 0.00	58.04 2.29 0.00	61.73 2.31 0.00	64.30 2.23 0.00	67.30 2.40 0.00	74.78 2.74 0.00	80.10 3.74 0.00	86.69 4.44 0.00	97.73 5.27 0.00	105.27 5.58 0.00	130.33 6.53 -13.01	174.75 8.36 -31.57	212.32 10.78 -38.22	193.15 10.39 -30.11	150.88 7.92 -28.16	113.87 6.14 -16.14	97.18 4.76 -8.93	73.71 3.64 0.00	65.10 2.74 0.00
KCE_NY_6_ESR 323823	64.52 2.00 0.00	53.46 0.27 0.00	48.38 -0.54 0.00	47.97 -0.83 0.00	47.98 -0.78 0.00	48.92 -0.80 0.00	55.20 -0.56 0.00	59.60 0.18 0.00	63.56 1.49 0.00	67.17 2.27 0.00	76.15 4.10 0.00	80.10 3.74 0.00	85.79 3.53 0.00	96.17 3.70 0.00	102.39 2.69 0.00	113.44 2.65 0.00	137.11 2.29 0.00	162.35 -0.97 0.00	153.87 1.22 0.00	117.91 3.10 0.00	96.63 5.03 0.00	87.83 4.34 0.00	72.10 2.03 0.00	64.42 2.05 0.00
KEDC PORT_JEFF_GT2 24210	65.21 2.69 0.00	56.55 3.35 -0.01	52.10 3.18 -0.01	51.68 2.88 0.00	51.44 2.68 0.00	52.95 3.23 0.00	59.04 3.29 0.00	62.39 2.97 0.00	64.19 2.11 0.00	66.58 1.68 0.00	73.90 1.87 0.01	80.48 4.12 0.00	89.24 6.99 0.00	102.02 9.07 -0.49	128.21 10.17 -18.34	254.68 11.86 -132.04	253.65 15.10 -103.73	290.77 17.97 -109.49	253.00 16.17 -84.17	232.26 11.02 -106.43	127.48 7.51 -28.37	88.34 4.84 0.00	72.66 2.59 0.00	62.22 -0.12 0.02
KEDC PORT_JEFF_GT3 24211	65.21 2.69 0.00	56.55 3.35 -0.01	52.10 3.18 -0.01	51.68 2.88 0.00	51.44 2.68 0.00	52.95 3.23 0.00	59.04 3.29 0.00	62.39 2.97 0.00	64.19 2.11 0.00	66.58 1.68 0.00	73.90 1.87 0.01	80.48 4.12 0.00	89.24 6.99 0.00	102.02 9.07 -0.49	128.21 10.17 -18.34	254.68 11.86 -132.04	253.65 15.10 -103.73	290.77 17.97 -109.49	253.00 16.17 -84.17	232.26 11.02 -106.43	127.48 7.51 -28.37	88.34 4.84 0.00	72.66 2.59 0.00	62.22 -0.12 0.02
KEDC_GLWD_GT4 24219	64.58 2.06 0.00	55.59 2.40 -0.01	51.27 2.35 -0.01	51.00 2.20 0.00	50.86 2.10 0.00	52.05 2.34 0.00	58.15 2.40 0.00	61.73 2.31 0.00	63.63 1.55 0.00	66.65 1.75 0.00	75.20 3.17 0.00	81.62 5.26 0.00	89.40 7.15 0.00	101.07 8.60 -0.01	109.87 10.17 -0.01	138.04 11.86 -15.40	211.97 15.10 -62.05	252.76 17.97 -71.48	168.54 15.88 -0.01	125.61 10.79 -0.01	98.83 7.23 0.00	88.34 4.84 0.00	72.67 2.59 -0.01	63.16 0.81 0.01
KEDC_GLWD_GT5 24220	64.58 2.06 0.00	55.59 2.40 -0.01	51.27 2.35 -0.01	51.00 2.20 0.00	50.86 2.10 0.00	52.05 2.34 0.00	58.15 2.40 0.00	61.73 2.31 0.00	63.63 1.55 0.00	66.65 1.75 0.00	75.20 3.17 0.00	81.62 5.26 0.00	89.40 7.15 0.00	101.07 8.60 -0.01	109.87 10.17 -0.01	138.04 11.86 -15.40	211.97 15.10 -62.05	252.76 17.97 -71.48	168.54 15.88 -0.01	125.61 10.79 -0.01	98.83 7.23 0.00	88.34 4.84 0.00	72.67 2.59 -0.01	63.16 0.81 0.01
KENSICO____ 23655	63.71 1.19 0.00	54.73 1.54 0.00	50.43 1.52 0.00	50.26 1.46 0.00	50.22 1.46 0.00	51.26 1.54 0.00	57.43 1.67 0.00	61.02 1.60 0.00	63.56 1.49 0.00	67.04 2.14 0.00	75.43 3.39 0.00	81.47 5.12 0.00	88.50 6.25 0.00	99.77 7.30 0.00	108.47 8.77 0.00	124.13 10.30 -3.05	151.40 13.21 -3.36	184.08 15.84 -4.92	166.55 13.89 0.00	124.11 9.30 0.00	97.64 6.05 0.00	87.92 4.43 0.00	72.73 2.66 0.00	63.61 1.25 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	64.58 2.06 0.00	55.16 1.97 0.00	50.77 1.86 0.00	50.65 1.85 0.00	50.56 1.80 0.00	51.61 1.89 0.00	57.87 2.12 0.00	61.56 2.14 0.00	64.18 2.11 0.00	67.56 2.66 0.00	76.08 4.03 0.00	81.93 5.57 0.00	88.75 6.50 0.00	100.14 7.67 0.00	108.57 8.87 0.00	120.98 10.19 0.00	148.71 13.89 0.00	180.47 17.15 0.00	168.22 15.57 0.00	125.60 10.79 0.00	99.01 7.42 0.00	89.34 5.84 0.00	73.85 3.78 0.00	64.61 2.24 0.00

KIAC_JFK_GT1 23816	63.40 0.88 0.00	54.52 1.33 0.00	50.23 1.32 0.00	50.07 1.27 0.00	50.08 1.32 0.00	51.06 1.34 0.00	57.31 1.56 0.00	60.84 1.43 0.00	63.44 1.37 0.00	67.17 2.27 0.00	75.36 3.31 0.00	81.47 5.12 0.00	88.67 6.42 0.00	100.43 7.49 -0.47	108.66 8.97 0.00	126.38 10.97 -4.63	155.76 13.89 -7.05	190.08 16.99 -9.77	169.60 14.50 -2.45	124.34 9.53 0.00	98.25 6.14 -0.51	87.67 4.17 0.00	72.94 2.87 0.00	63.48 1.12 0.00
KIAC_JFK_GT2 23817	63.40 0.88 0.00	54.52 1.33 0.00	50.23 1.32 0.00	50.07 1.27 0.00	50.08 1.32 0.00	51.06 1.34 0.00	57.31 1.56 0.00	60.84 1.43 0.00	63.44 1.37 0.00	67.17 2.27 0.00	75.36 3.31 0.00	81.47 5.12 0.00	88.67 6.42 0.00	100.43 7.49 -0.47	108.66 8.97 0.00	126.38 10.97 -4.63	155.76 13.89 -7.05	190.08 16.99 -9.77	169.60 14.50 -2.45	124.34 9.53 0.00	98.25 6.14 -0.51	87.67 4.17 0.00	72.94 2.87 0.00	63.48 1.12 0.00
KIAC_JFK____ 323774	63.39 0.87 0.00	54.52 1.33 0.00	50.23 1.32 0.00	50.12 1.32 0.00	49.98 1.22 0.00	51.06 1.34 0.00	57.20 1.45 0.00	60.84 1.42 0.00	63.44 1.36 0.00	67.11 2.21 0.00	75.29 3.24 0.00	81.39 5.04 0.00	88.67 6.42 0.00	100.42 7.49 -0.47	108.67 8.98 0.00	126.38 10.97 -4.63	155.76 13.89 -7.05	190.08 16.98 -9.77	169.61 14.51 -2.45	124.34 9.52 0.00	98.42 6.32 -0.51	87.67 4.17 0.00	72.80 2.73 0.00	63.48 1.12 0.00
KINTIGH__24_KV_GSU 356498	63.14 0.63 0.00	52.55 -0.64 0.00	47.74 -1.17 0.00	47.33 -1.46 0.00	47.34 -1.42 0.00	48.27 -1.44 0.00	54.36 -1.39 0.00	58.46 -0.95 0.00	62.32 0.25 0.00	65.81 0.91 0.00	74.49 2.45 0.00	78.27 1.91 0.00	83.65 1.40 0.00	93.76 1.29 0.00	100.09 0.40 0.00	110.78 0.00 0.00	133.61 -1.22 0.00	159.08 -4.25 0.00	150.06 -2.60 0.00	114.81 0.00 0.00	93.97 2.38 0.00	85.42 1.92 0.00	70.42 0.35 0.00	62.92 0.56 0.00
KINTIGH____ 23543	63.14 0.63 0.00	52.50 -0.69 0.00	47.74 -1.17 0.00	47.28 -1.51 0.00	47.35 -1.41 0.00	48.28 -1.44 0.00	54.36 -1.39 0.00	58.41 -1.01 0.00	62.32 0.25 0.00	65.87 0.97 0.00	74.49 2.45 0.00	78.27 1.91 0.00	83.40 1.15 0.00	93.02 0.55 0.00	100.09 0.40 0.00	110.78 0.00 0.00	133.48 -1.35 0.00	158.59 -4.74 0.00	150.21 -2.44 0.00	114.70 -0.11 0.00	93.70 2.11 0.00	85.33 1.84 0.00	70.07 0.00 0.00	62.86 0.50 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	63.83 1.31 0.00	54.25 1.06 0.00	49.84 0.93 0.00	49.63 0.83 0.00	49.64 0.88 0.00	50.66 0.94 0.00	57.15 1.39 0.00	60.84 1.43 0.00	63.63 1.55 0.00	66.00 1.10 0.00	72.33 0.29 0.00	75.52 -0.84 0.00	80.94 -1.32 0.00	90.43 -2.03 0.00	96.70 -2.99 0.00	107.46 -3.32 0.00	130.51 -4.31 0.00	159.40 -3.92 0.00	148.53 -4.12 0.00	112.06 -2.76 0.00	90.95 -0.64 0.00	83.58 0.08 0.00	70.77 0.70 0.00	63.36 1.00 0.00
LACHUTE____HYDRO 323717	68.27 5.75 0.00	57.71 4.52 0.00	52.83 3.91 0.00	52.65 3.85 0.00	52.71 3.95 0.00	53.84 4.12 0.00	60.60 4.85 0.00	64.11 4.69 0.00	66.67 4.59 0.00	69.63 4.74 0.00	77.08 5.04 0.00	82.47 6.11 0.00	89.24 6.99 0.00	100.50 8.04 0.00	107.76 8.07 0.00	132.45 9.41 -12.26	175.42 11.87 -28.73	215.15 16.83 -35.00	195.89 16.64 -26.60	153.22 13.54 -24.87	116.93 11.08 -14.26	100.06 8.68 -7.89	77.29 7.22 0.00	68.29 5.93 0.00
LAWRNCAY_115KV_TB1 80681	64.27 1.75 0.00	54.84 1.65 0.00	50.33 1.42 0.00	50.16 1.37 0.00	50.13 1.37 0.00	51.16 1.44 0.00	57.70 1.95 0.00	61.14 1.72 0.00	63.75 1.68 0.00	65.74 0.84 0.00	71.75 -0.29 0.00	74.07 -2.29 0.00	79.37 -2.88 0.00	88.58 -3.88 0.00	94.31 -5.38 0.00	104.80 -5.98 0.00	127.14 -7.68 0.00	155.48 -7.84 0.00	145.33 -7.33 0.00	109.76 -5.05 0.00	88.66 -2.93 0.00	81.49 -2.00 0.00	70.07 0.00 0.00	63.23 0.87 0.00
LEDERLE____ 23769	63.71 1.19 0.00	54.63 1.44 0.00	50.33 1.42 0.00	50.16 1.37 0.00	50.13 1.37 0.00	51.16 1.44 0.00	57.37 1.62 0.00	60.96 1.54 0.00	63.56 1.49 0.00	67.04 2.14 0.00	75.50 3.46 0.00	81.55 5.19 0.00	88.50 6.25 0.00	99.68 7.21 0.00	108.27 8.57 0.00	123.54 9.97 -2.79	150.98 13.08 -3.08	183.67 15.84 -4.51	166.39 13.74 0.00	124.23 9.41 0.00	97.73 6.14 0.00	88.09 4.59 0.00	72.80 2.73 0.00	63.73 1.37 0.00
LIGHTHSE_115KV_TB6 355974	63.02 0.50 0.00	53.30 0.11 0.00	48.81 -0.10 0.00	48.65 -0.15 0.00	48.66 -0.10 0.00	49.67 -0.05 0.00	55.92 0.17 0.00	59.77 0.36 0.00	62.38 0.31 0.00	65.35 0.45 0.00	72.91 0.86 0.00	77.35 0.99 0.00	82.91 0.66 0.00	93.11 0.65 0.00	100.19 0.50 0.00	111.34 0.55 0.00	134.96 0.13 0.00	163.65 0.33 0.00	153.87 1.22 0.00	116.53 1.72 0.00	93.33 1.74 0.00	84.91 1.42 0.00	70.91 0.84 0.00	62.92 0.56 0.00
LINDEN COGEN____ 23786	53.10 0.75 10.18	52.67 1.33 1.85	50.27 1.37 0.01	50.16 1.36 0.00	50.07 1.32 0.01	51.10 1.39 0.01	52.64 1.39 4.51	52.66 1.25 8.00	52.72 1.18 10.53	54.64 1.81 12.07	55.88 3.17 19.33	57.30 4.89 23.95	72.60 6.17 15.82	73.72 7.12 25.86	82.30 8.57 25.97	108.76 10.08 12.10	119.92 12.82 27.72	157.17 15.35 21.50	142.31 13.13 23.48	102.31 8.62 21.12	76.33 5.68 20.94	61.27 3.76 25.98	55.98 2.10 16.19	54.88 0.81 8.29
LINDHRST_69_KV_BK1 356055	65.52 3.00 0.00	56.75 3.56 0.00	52.24 3.33 0.00	51.82 3.03 0.00	51.59 2.83 0.00	53.05 3.33 0.00	59.27 3.51 0.00	62.69 3.27 0.00	64.62 2.55 0.00	67.30 2.40 0.00	75.28 3.24 0.01	82.16 5.80 0.00	90.39 8.14 0.00	102.19 10.17 0.44	113.80 11.76 -2.34	147.03 13.85 -22.40	213.75 17.53 -61.40	253.94 21.23 -69.38	175.46 19.08 -3.73	135.86 13.20 -7.84	102.23 9.07 -1.57	89.67 6.18 0.00	73.50 3.43 0.00	63.28 0.94 0.01
LIPA_MISC_IPP 23656	65.15 2.63 0.00	56.54 3.35 0.00	52.09 3.18 0.00	51.63 2.83 0.00	51.39 2.63 0.00	52.95 3.23 0.00	59.10 3.35 0.00	62.27 2.85 0.00	64.12 2.05 0.00	66.72 1.82 0.00	74.56 2.52 0.01	81.32 4.96 0.00	89.98 7.73 0.00	102.47 9.71 -0.30	126.78 11.17 -15.92	237.07 12.85 -113.43	247.51 16.31 -96.37	285.52 19.76 -102.44	241.10 18.01 -70.44	217.10 12.51 -89.77	124.11 8.70 -23.82	89.26 5.76 0.00	73.08 3.01 0.00	62.66 0.31 0.02
LISF____SOLAR 323691	65.34 2.82 0.00	56.65 3.46 -0.01	52.20 3.28 -0.01	51.77 2.98 0.00	51.54 2.78 0.00	53.10 3.38 0.00	59.15 3.40 0.00	62.45 3.03 0.00	64.25 2.17 0.00	66.65 1.75 0.00	74.49 2.45 0.01	81.32 4.96 0.00	90.23 7.98 0.00	102.96 10.17 -0.32	127.30 11.46 -16.14	238.96 13.29 -114.88	248.77 16.99 -96.95	286.90 20.58 -103.00	242.94 18.77 -71.52	218.97 13.08 -91.07	124.92 9.16 -24.17	89.67 6.18 0.00	73.22 3.16 0.00	62.78 0.44 0.02
LITTLE FALLS____HYD 24013	62.71 0.19 0.00	53.30 0.11 0.00	48.96 0.05 0.00	48.85 0.05 0.00	48.86 0.10 0.00	49.87 0.15 0.00	55.92 0.17 0.00	59.60 0.18 0.00	62.20 0.12 0.00	65.16 0.26 0.00	72.55 0.50 0.00	77.20 0.84 0.00	83.16 0.90 0.00	93.67 1.20 0.00	100.99 1.30 0.00	112.11 1.33 0.00	136.44 1.62 0.00	165.12 1.80 0.00	154.64 1.98 0.00	116.19 1.38 0.00	92.51 0.92 0.00	84.25 0.75 0.00	70.56 0.49 0.00	62.49 0.12 0.00

LITTLRIV_115KV_TB1 356100	65.27 2.75 0.00	55.64 2.45 0.00	51.02 2.10 0.00	50.90 2.10 0.00	50.86 2.10 0.00	51.91 2.19 0.00	58.60 2.84 0.00	62.03 2.61 0.00	64.43 2.36 0.00	66.33 1.43 0.00	72.26 0.22 0.00	74.60 -1.76 0.00	79.78 -2.47 0.00	89.23 -3.24 0.00	94.91 -4.79 0.00	105.47 -5.32 0.00	127.81 -7.01 0.00	156.95 -6.37 0.00	147.16 -5.50 0.00	111.48 -3.33 0.00	90.13 -1.47 0.00	82.83 -0.67 0.00	71.19 1.12 0.00	64.17 1.81 0.00
LI_NEWBRDGE___DRP 323616	64.27 1.75 0.00	55.64 2.45 0.00	51.26 2.35 0.00	50.90 2.10 0.00	50.71 1.95 0.00	52.10 2.39 0.00	58.15 2.40 0.00	61.56 2.14 0.00	63.44 1.37 0.00	66.20 1.30 0.00	74.20 2.16 0.01	80.86 4.51 0.00	88.83 6.58 0.00	99.77 8.14 0.83	109.26 9.57 0.00	134.49 11.08 -12.63	204.44 14.02 -55.60	243.30 16.99 -63.00	163.32 14.96 4.29	125.03 10.22 0.00	97.56 6.87 0.90	87.84 4.34 0.00	72.23 2.17 0.01	62.34 0.00 0.02
LOCKPORT_115KV_TB60_63_64 80432	63.77 1.25 0.00	52.76 -0.43 0.00	47.89 -1.03 0.00	47.38 -1.42 0.00	47.44 -1.32 0.00	48.38 -1.34 0.00	54.42 -1.34 0.00	58.23 -1.19 0.00	62.26 0.19 0.00	65.87 0.97 0.00	74.64 2.59 0.00	78.34 1.99 0.00	83.49 1.23 0.00	92.93 0.46 0.00	99.89 0.20 0.00	110.45 -0.33 0.00	133.21 -1.62 0.00	157.28 -6.04 0.00	149.45 -3.21 0.00	114.47 -0.34 0.00	93.97 2.38 0.00	85.58 2.09 0.00	70.07 0.00 0.00	63.36 1.00 0.00
LOCKPORT___CC1 323769	63.46 0.94 0.00	52.61 -0.58 0.00	47.64 -1.27 0.00	47.19 -1.61 0.00	47.20 -1.56 0.00	48.12 -1.59 0.00	54.19 -1.56 0.00	58.11 -1.31 0.00	62.07 0.00 0.00	65.61 0.72 0.00	74.35 2.30 0.00	78.03 1.68 0.00	83.32 1.07 0.00	93.39 0.92 0.00	99.39 -0.30 0.00	109.89 -0.89 0.00	132.66 -2.16 0.00	156.95 -6.37 0.00	148.68 -3.97 0.00	114.01 -0.80 0.00	93.79 2.19 0.00	85.25 1.76 0.00	70.21 0.14 0.00	63.11 0.75 0.00
LOCKPORT___CC2 323770	63.46 0.94 0.00	52.61 -0.58 0.00	47.64 -1.27 0.00	47.19 -1.61 0.00	47.20 -1.56 0.00	48.12 -1.59 0.00	54.19 -1.56 0.00	58.11 -1.31 0.00	62.07 0.00 0.00	65.61 0.72 0.00	74.35 2.30 0.00	78.03 1.68 0.00	83.32 1.07 0.00	93.39 0.92 0.00	99.39 -0.30 0.00	109.89 -0.89 0.00	132.66 -2.16 0.00	156.95 -6.37 0.00	148.68 -3.97 0.00	114.01 -0.80 0.00	93.79 2.19 0.00	85.25 1.76 0.00	70.21 0.14 0.00	63.11 0.75 0.00
LOCKPORT___CC3 323771	63.46 0.94 0.00	52.61 -0.58 0.00	47.64 -1.27 0.00	47.19 -1.61 0.00	47.20 -1.56 0.00	48.12 -1.59 0.00	54.19 -1.56 0.00	58.11 -1.31 0.00	62.07 0.00 0.00	65.61 0.72 0.00	74.35 2.30 0.00	78.03 1.68 0.00	83.32 1.07 0.00	93.39 0.92 0.00	99.39 -0.30 0.00	109.89 -0.89 0.00	132.66 -2.16 0.00	156.95 -6.37 0.00	148.68 -3.97 0.00	114.01 -0.80 0.00	93.79 2.19 0.00	85.25 1.76 0.00	70.21 0.14 0.00	63.11 0.75 0.00
LOCUSVLY_69_KV_BK2 55797	64.77 2.25 0.00	55.96 2.77 0.00	51.55 2.64 0.00	51.24 2.44 0.00	51.05 2.29 0.00	52.35 2.64 0.00	58.49 2.73 0.00	62.03 2.61 0.00	64.00 1.92 0.00	66.98 2.08 0.00	75.42 3.39 0.00	82.08 5.73 0.00	89.98 7.73 0.00	101.74 9.52 0.25	110.96 11.27 0.00	138.54 13.18 -14.57	211.66 16.72 -60.12	252.18 19.93 -68.94	168.92 17.56 1.28	126.87 12.06 0.00	99.38 8.06 0.27	88.92 5.43 0.00	73.09 3.01 -0.01	63.22 0.87 0.01
LONG_LAKE_PHOENIX 24014	61.71 -0.81 0.00	52.23 -0.96 0.00	47.93 -0.98 0.00	47.72 -1.07 0.00	47.69 -1.07 0.00	48.67 -1.04 0.00	54.69 -1.06 0.00	58.53 -0.89 0.00	61.27 -0.81 0.00	64.38 -0.52 0.00	71.97 -0.07 0.00	76.51 0.15 0.00	82.17 -0.08 0.00	92.19 -0.28 0.00	99.39 -0.30 0.00	110.34 -0.44 0.00	134.28 -0.54 0.00	162.18 -1.14 0.00	152.04 -0.61 0.00	114.70 -0.11 0.00	91.78 0.18 0.00	83.50 0.00 0.00	69.44 -0.63 0.00	61.61 -0.75 0.00
LOVETT___3 23632	63.27 0.75 0.00	54.31 1.12 0.00	50.04 1.12 0.00	49.92 1.12 0.00	49.88 1.12 0.00	50.91 1.19 0.00	57.04 1.28 0.00	60.61 1.19 0.00	63.13 1.06 0.00	66.52 1.62 0.00	74.85 2.81 0.00	80.86 4.51 0.00	87.76 5.51 0.00	98.94 6.47 0.00	107.37 7.68 0.00	122.71 9.08 -2.84	149.83 11.86 -3.14	182.13 14.21 -4.59	165.02 12.36 0.00	123.19 8.38 0.00	96.91 5.31 0.00	87.34 3.84 0.00	72.24 2.17 0.00	63.23 0.87 0.00
LOVETT___4 23642	63.27 0.75 0.00	54.31 1.12 0.00	50.04 1.12 0.00	49.92 1.12 0.00	49.88 1.12 0.00	50.91 1.19 0.00	57.04 1.28 0.00	60.61 1.19 0.00	63.13 1.06 0.00	66.52 1.62 0.00	74.85 2.81 0.00	80.86 4.51 0.00	87.76 5.51 0.00	98.94 6.47 0.00	107.37 7.68 0.00	122.71 9.08 -2.84	149.83 11.86 -3.14	182.13 14.21 -4.59	165.02 12.36 0.00	123.19 8.38 0.00	96.91 5.31 0.00	87.34 3.84 0.00	72.24 2.17 0.00	63.23 0.87 0.00
LOVETT___5 23593	63.27 0.75 0.00	54.31 1.12 0.00	50.04 1.12 0.00	49.92 1.12 0.00	49.88 1.12 0.00	50.91 1.19 0.00	57.04 1.28 0.00	60.61 1.19 0.00	63.13 1.06 0.00	66.52 1.62 0.00	74.85 2.81 0.00	80.86 4.51 0.00	87.76 5.51 0.00	98.94 6.47 0.00	107.37 7.68 0.00	122.71 9.08 -2.84	149.83 11.86 -3.14	182.13 14.21 -4.59	165.02 12.36 0.00	123.19 8.38 0.00	96.91 5.31 0.00	87.34 3.84 0.00	72.24 2.17 0.00	63.23 0.87 0.00
LOWER RAQUET___HYD 24057	64.27 1.75 0.00	54.84 1.65 0.00	50.33 1.42 0.00	50.16 1.36 0.00	50.18 1.41 0.00	51.21 1.49 0.00	57.76 2.00 0.00	61.26 1.84 0.00	63.81 1.74 0.00	65.74 0.84 0.00	71.83 -0.22 0.00	73.99 -2.37 0.00	78.96 -3.29 0.00	87.65 -4.81 0.00	93.91 -5.78 0.00	104.36 -6.43 0.00	126.46 -8.36 0.00	154.82 -8.50 0.00	144.87 -7.78 0.00	109.53 -5.28 0.00	87.75 -3.84 0.00	81.32 -2.17 0.00	69.93 -0.14 0.00	63.17 0.81 0.00
LOWER___HUDSON 24059	63.89 1.37 0.00	54.46 1.27 0.00	50.18 1.27 0.00	50.12 1.32 0.00	50.08 1.32 0.00	51.06 1.34 0.00	57.15 1.39 0.00	60.79 1.37 0.00	63.38 1.31 0.00	66.39 1.49 0.00	74.13 2.09 0.00	79.56 3.21 0.00	86.20 3.95 0.00	97.08 4.62 0.00	104.77 5.08 0.00	138.34 5.87 -21.68	206.16 7.55 -63.79	247.67 9.47 -74.88	231.10 8.70 -69.74	186.33 6.31 -65.21	133.65 4.67 -37.38	107.68 3.51 -20.68	72.52 2.45 0.00	63.98 1.62 0.00
LOWVILLE_115KV_TB2 356335	65.08 2.56 0.00	55.00 1.81 0.00	50.28 1.37 0.00	50.21 1.42 0.00	50.17 1.41 0.00	51.31 1.59 0.00	57.82 2.06 0.00	61.79 2.38 0.00	64.25 2.17 0.00	66.85 1.95 0.00	74.13 2.09 0.00	78.11 1.76 0.00	83.57 1.32 0.00	93.94 1.48 0.00	100.89 1.20 0.00	112.33 1.55 0.00	136.31 1.48 0.00	166.43 3.10 0.00	157.08 4.43 0.00	119.86 5.05 0.00	95.90 4.30 0.00	87.17 3.67 0.00	73.43 3.36 0.00	65.17 2.81 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	65.08 2.56 0.00	55.37 2.18 0.00	50.87 1.96 0.00	50.75 1.95 0.00	50.76 2.00 0.00	51.76 2.04 0.00	58.04 2.29 0.00	61.68 2.26 0.00	64.25 2.17 0.00	67.24 2.34 0.00	74.78 2.74 0.00	80.10 3.74 0.00	86.61 4.36 0.00	97.55 5.09 0.00	105.18 5.48 0.00	130.22 6.43 -13.01	174.62 8.22 -31.57	212.33 10.78 -38.22	192.99 10.23 -30.11	150.66 7.69 -28.16	113.60 5.86 -16.14	97.10 4.68 -8.93	73.71 3.64 0.00	65.04 2.68 0.00

LUTHERNY_35_KV_BK2 355980	65.08 2.56 0.00	55.37 2.18 0.00	50.87 1.96 0.00	50.80 2.00 0.00	50.76 2.00 0.00	51.81 2.09 0.00	58.10 2.34 0.00	61.73 2.32 0.00	64.31 2.23 0.00	67.30 2.40 0.00	74.85 2.81 0.00	80.17 3.82 0.00	86.69 4.44 0.00	97.64 5.18 0.00	105.28 5.58 0.00	130.33 6.54 -13.01	174.75 8.36 -31.57	212.49 10.94 -38.22	193.15 10.38 -30.11	150.89 7.92 -28.16	113.69 5.95 -16.14	97.18 4.76 -8.93	73.78 3.71 0.00	65.10 2.74 0.00
LWR___OSWEGATCHIE_HYD 23850	64.77 2.25 0.00	55.00 1.81 0.00	50.33 1.42 0.00	50.21 1.42 0.00	50.22 1.46 0.00	51.31 1.59 0.00	57.87 2.12 0.00	61.62 2.20 0.00	64.12 2.05 0.00	66.39 1.49 0.00	73.05 1.01 0.00	76.20 -0.15 0.00	81.51 -0.74 0.00	91.35 -1.11 0.00	97.60 -2.09 0.00	108.68 -2.10 0.00	131.59 -3.24 0.00	161.04 -2.29 0.00	151.43 -1.22 0.00	115.04 0.23 0.00	92.42 0.82 0.00	84.33 0.83 0.00	71.75 1.68 0.00	64.17 1.81 0.00
LYONS_FALL_HYD 23570	64.77 2.25 0.00	54.78 1.59 0.00	50.18 1.27 0.00	50.06 1.27 0.00	50.03 1.27 0.00	51.16 1.44 0.00	57.59 1.84 0.00	61.55 2.14 0.00	64.12 2.05 0.00	66.91 2.01 0.00	74.35 2.30 0.00	78.73 2.37 0.00	84.22 1.97 0.00	94.78 2.31 0.00	101.88 2.19 0.00	113.44 2.65 0.00	137.66 2.84 0.00	167.73 4.41 0.00	157.85 5.19 0.00	119.74 4.93 0.00	95.62 4.03 0.00	86.84 3.34 0.00	73.08 3.01 0.00	64.79 2.43 0.00
MADISON___COUNTY_LFGE 323628	64.65 2.13 0.00	54.68 1.49 0.00	50.09 1.17 0.00	49.97 1.17 0.00	49.93 1.17 0.00	51.01 1.29 0.00	57.37 1.62 0.00	61.32 1.90 0.00	63.94 1.86 0.00	67.11 2.21 0.00	75.00 2.95 0.00	79.79 3.44 0.00	84.80 2.55 0.00	95.61 3.14 0.00	102.98 3.29 0.00	114.55 3.77 0.00	139.14 4.31 0.00	168.88 5.55 0.00	158.45 5.80 0.00	119.52 4.71 0.00	95.35 3.76 0.00	86.50 3.01 0.00	72.87 2.80 0.00	64.48 2.12 0.00
MALONE___115KV_TB1 356076	64.33 1.81 0.00	54.73 1.54 0.00	50.28 1.37 0.00	50.07 1.27 0.00	50.08 1.32 0.00	51.11 1.39 0.00	57.70 1.95 0.00	61.50 2.08 0.00	64.18 2.11 0.00	66.46 1.56 0.00	72.76 0.72 0.00	75.75 -0.61 0.00	81.10 -1.15 0.00	90.61 -1.85 0.00	96.60 -3.09 0.00	107.24 -3.55 0.00	130.11 -4.72 0.00	159.08 -4.25 0.00	148.38 -4.27 0.00	112.06 -2.76 0.00	91.04 -0.55 0.00	83.75 0.25 0.00	71.12 1.05 0.00	63.73 1.37 0.00
MAPLEWOD_115KV_TB3 80458	63.21 0.69 0.00	53.93 0.74 0.00	49.69 0.78 0.00	49.63 0.83 0.00	49.59 0.83 0.00	50.56 0.85 0.00	56.65 0.89 0.00	60.19 0.77 0.00	62.69 0.62 0.00	65.81 0.91 0.00	73.48 1.44 0.00	78.80 2.44 0.00	85.29 3.04 0.00	96.16 3.70 0.00	103.78 4.09 0.00	139.08 4.76 -23.53	145.46 6.07 -4.57	187.77 7.84 -16.61	122.06 6.87 37.46	84.72 4.94 35.03	74.90 3.39 20.08	74.81 2.42 11.11	71.75 1.68 0.00	63.23 0.87 0.00
MAPLE_RIDGE_WT_1 323574	62.46 -0.06 0.00	53.08 -0.11 0.00	48.81 -0.10 0.00	48.65 -0.15 0.00	48.61 -0.15 0.00	49.52 -0.20 0.00	55.53 -0.22 0.00	59.18 -0.24 0.00	61.89 -0.19 0.00	64.71 -0.19 0.00	71.46 -0.58 0.00	75.44 -0.91 0.00	81.18 -1.07 0.00	90.98 -1.48 0.00	98.09 -1.60 0.00	109.01 -1.78 0.00	132.53 -2.29 0.00	160.88 -2.45 0.00	150.66 -1.99 0.00	113.32 -1.50 0.00	90.40 -1.19 0.00	82.58 -0.92 0.00	69.65 -0.42 0.00	62.11 -0.25 0.00
MAPLE_RIDGE_WT_2 323611	62.46 -0.06 0.00	53.08 -0.11 0.00	48.81 -0.10 0.00	48.65 -0.15 0.00	48.61 -0.15 0.00	49.52 -0.20 0.00	55.53 -0.22 0.00	59.18 -0.24 0.00	61.89 -0.19 0.00	64.71 -0.19 0.00	71.46 -0.58 0.00	75.44 -0.91 0.00	81.18 -1.07 0.00	90.98 -1.48 0.00	98.09 -1.60 0.00	109.01 -1.78 0.00	132.53 -2.29 0.00	160.88 -2.45 0.00	150.66 -1.99 0.00	113.32 -1.50 0.00	90.40 -1.19 0.00	82.58 -0.92 0.00	69.65 -0.42 0.00	62.11 -0.25 0.00
MARBLE_RIVER_WT_PWR 323696	63.21 0.69 0.00	53.78 0.59 0.00	49.40 0.49 0.00	49.24 0.44 0.00	49.20 0.44 0.00	50.16 0.45 0.00	56.53 0.78 0.00	60.19 0.77 0.00	62.88 0.80 0.00	65.29 0.39 0.00	71.54 -0.50 0.00	74.68 -1.68 0.00	79.95 -2.30 0.00	89.14 -3.32 0.00	96.11 -3.58 0.00	106.80 -3.98 0.00	129.70 -5.12 0.00	157.94 -5.39 0.00	147.46 -5.19 0.00	111.03 -3.79 0.00	88.93 -2.66 0.00	82.25 -1.25 0.00	69.86 -0.21 0.00	62.74 0.38 0.00
MARSHVLE_115KV_TB1 80742	67.08 4.56 0.00	56.86 3.67 0.00	52.09 3.18 0.00	52.02 3.22 0.00	52.12 3.36 0.00	53.25 3.53 0.00	59.77 4.01 0.00	62.98 3.57 0.00	64.87 2.79 0.00	67.30 2.40 0.00	74.64 2.59 0.00	79.87 3.51 0.00	86.36 4.11 0.00	97.46 4.99 0.00	105.47 5.78 0.00	123.95 7.20 -5.97	150.85 9.44 -6.58	186.51 13.56 -9.64	166.55 13.89 0.00	126.18 11.37 0.00	100.48 8.88 0.00	91.01 7.51 0.00	75.96 5.89 0.00	66.98 4.61 0.00
MARSH_HILL_WT_PWR 323713	64.77 2.25 0.00	53.93 0.74 0.00	48.91 0.00 0.00	48.51 -0.29 0.00	48.52 -0.24 0.00	49.57 -0.15 0.00	56.03 0.28 0.00	60.19 0.77 0.00	63.25 1.18 0.00	66.71 1.81 0.00	75.21 3.17 0.00	79.56 3.21 0.00	85.05 2.80 0.00	95.24 2.77 0.00	101.28 1.59 0.00	112.45 1.66 0.00	136.71 1.89 0.00	163.65 0.33 0.00	155.71 3.05 0.00	119.74 4.93 0.00	97.73 6.14 0.00	88.67 5.18 0.00	72.94 2.87 0.00	64.86 2.50 0.00
MCINTYRE_115KV_TB2 80467	65.77 3.25 0.00	55.96 2.77 0.00	51.31 2.40 0.00	51.19 2.39 0.00	51.15 2.39 0.00	52.20 2.49 0.00	58.88 3.12 0.00	62.27 2.85 0.00	64.56 2.48 0.00	66.46 1.56 0.00	72.26 0.22 0.00	74.60 -1.76 0.00	79.95 -2.30 0.00	89.32 -3.14 0.00	95.31 -4.39 0.00	105.91 -4.87 0.00	128.49 -6.34 0.00	157.77 -5.55 0.00	148.38 -4.27 0.00	112.40 -2.41 0.00	90.86 -0.73 0.00	83.58 0.08 0.00	71.75 1.68 0.00	64.73 2.37 0.00
MECO_____69_KV_BK1 80468	67.71 5.19 0.00	57.34 4.15 0.00	52.53 3.62 0.00	52.46 3.66 0.00	52.52 3.75 0.00	53.65 3.93 0.00	60.33 4.57 0.00	63.64 4.22 0.00	65.49 3.41 0.00	67.76 2.86 0.00	74.85 2.81 0.00	79.95 3.59 0.00	86.45 4.19 0.00	97.55 5.09 0.00	105.47 5.78 0.00	124.60 7.42 -6.40	152.13 10.25 -7.06	188.68 15.03 -10.34	167.92 15.27 0.00	127.33 12.51 0.00	101.30 9.71 0.00	91.59 8.10 0.00	76.59 6.52 0.00	67.54 5.18 0.00
MENANDS___115KV_TB5 355628	62.71 0.19 0.00	53.51 0.32 0.00	49.35 0.44 0.00	49.33 0.54 0.00	49.25 0.49 0.00	50.17 0.45 0.00	56.20 0.45 0.00	59.71 0.30 0.00	62.20 0.12 0.00	65.35 0.45 0.00	72.98 0.94 0.00	78.34 1.99 0.00	84.80 2.55 0.00	95.51 3.05 0.00	103.08 3.39 0.00	134.86 3.99 -20.08	140.16 5.26 -0.08	180.38 6.70 -10.36	119.65 5.65 38.65	82.58 3.90 36.14	73.44 2.56 20.72	73.79 1.75 11.46	71.12 1.05 0.00	62.67 0.31 0.00
MG INDUSTRY___DRP 24185	61.58 -0.94 0.00	52.55 -0.64 0.00	48.47 -0.44 0.00	48.50 -0.29 0.00	48.42 -0.34 0.00	49.32 -0.40 0.00	55.14 -0.61 0.00	58.41 -1.01 0.00	60.65 -1.43 0.00	63.47 -1.43 0.00	70.75 -1.30 0.00	75.75 -0.61 0.00	81.92 -0.33 0.00	92.28 -0.18 0.00	99.69 0.00 0.00	83.88 0.33 27.23	93.23 0.81 42.40	108.46 1.47 56.33	132.28 1.22 21.60	95.31 0.69 20.19	80.20 0.18 11.58	76.84 -0.25 6.40	69.51 -0.56 0.00	61.43 -0.94 0.00

MID___OSWEGATCHIE_HYD 23849	64.77 2.25 0.00	55.00 1.81 0.00	50.33 1.42 0.00	50.21 1.42 0.00	50.22 1.46 0.00	51.31 1.59 0.00	57.87 2.12 0.00	61.62 2.20 0.00	64.12 2.05 0.00	66.39 1.49 0.00	73.05 1.01 0.00	76.20 -0.15 0.00	81.51 -0.74 0.00	91.35 -1.11 0.00	97.60 -2.09 0.00	108.68 -2.10 0.00	131.59 -3.24 0.00	161.04 -2.29 0.00	151.43 -1.22 0.00	115.04 0.23 0.00	92.42 0.82 0.00	84.33 0.83 0.00	71.75 1.68 0.00	64.17 1.81 0.00
MID___RAQUETTE_HYD 23851	64.27 1.75 0.00	54.84 1.65 0.00	50.33 1.42 0.00	50.16 1.37 0.00	50.17 1.41 0.00	51.21 1.49 0.00	57.76 2.01 0.00	61.26 1.84 0.00	63.81 1.74 0.00	65.68 0.78 0.00	71.68 -0.36 0.00	73.91 -2.44 0.00	79.21 -3.04 0.00	88.40 -4.07 0.00	93.91 -5.78 0.00	104.36 -6.43 0.00	126.60 -8.22 0.00	154.83 -8.49 0.00	144.87 -7.79 0.00	109.53 -5.28 0.00	88.48 -3.11 0.00	81.32 -2.17 0.00	69.93 -0.14 0.00	63.17 0.81 0.00
MILLIKEN___1 23584	64.08 1.56 0.00	54.15 0.96 0.00	49.55 0.64 0.00	49.33 0.54 0.00	49.30 0.54 0.00	50.36 0.65 0.00	56.65 0.89 0.00	60.67 1.25 0.00	63.44 1.37 0.00	66.65 1.75 0.00	74.56 2.52 0.00	79.26 2.90 0.00	84.88 2.63 0.00	95.24 2.77 0.00	102.58 2.89 0.00	114.00 3.21 0.00	138.87 4.04 0.00	167.90 4.57 0.00	158.00 5.34 0.00	119.63 4.82 0.00	95.90 4.30 0.00	87.09 3.59 0.00	72.17 2.10 0.00	63.98 1.62 0.00
MILLIKEN___2 23585	64.08 1.56 0.00	54.15 0.96 0.00	49.55 0.64 0.00	49.33 0.54 0.00	49.30 0.54 0.00	50.36 0.65 0.00	56.65 0.89 0.00	60.67 1.25 0.00	63.44 1.37 0.00	66.65 1.75 0.00	74.56 2.52 0.00	79.26 2.90 0.00	84.88 2.63 0.00	95.24 2.77 0.00	102.58 2.89 0.00	114.00 3.21 0.00	138.87 4.04 0.00	167.90 4.57 0.00	158.00 5.34 0.00	119.63 4.82 0.00	95.90 4.30 0.00	87.09 3.59 0.00	72.17 2.10 0.00	63.98 1.62 0.00
MILLIKEN___DIESEL 23629	64.08 1.56 0.00	54.15 0.96 0.00	49.55 0.64 0.00	49.33 0.54 0.00	49.30 0.54 0.00	50.36 0.65 0.00	56.65 0.89 0.00	60.67 1.25 0.00	63.44 1.37 0.00	66.65 1.75 0.00	74.56 2.52 0.00	79.26 2.90 0.00	84.88 2.63 0.00	95.24 2.77 0.00	102.58 2.89 0.00	114.00 3.21 0.00	138.87 4.04 0.00	167.90 4.57 0.00	158.00 5.34 0.00	119.63 4.82 0.00	95.90 4.30 0.00	87.09 3.59 0.00	72.17 2.10 0.00	63.98 1.62 0.00
MILLSEAT___LFGE 323607	65.08 2.56 0.00	53.99 0.80 0.00	48.96 0.05 0.00	48.41 -0.39 0.00	48.42 -0.34 0.00	49.52 -0.20 0.00	55.70 -0.06 0.00	59.78 0.36 0.00	63.75 1.68 0.00	67.37 2.47 0.00	76.36 4.32 0.00	80.25 3.89 0.00	85.79 3.53 0.00	96.07 3.60 0.00	102.48 2.79 0.00	113.22 2.43 0.00	136.97 2.15 0.00	162.67 -0.65 0.00	154.02 1.37 0.00	118.02 3.21 0.00	96.81 5.22 0.00	87.83 4.34 0.00	72.17 2.10 0.00	64.60 2.24 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	63.58 1.06 0.00	54.57 1.38 0.00	50.28 1.37 0.00	50.16 1.37 0.00	50.13 1.37 0.00	51.16 1.44 0.00	57.31 1.56 0.00	60.90 1.49 0.00	63.44 1.37 0.00	66.85 1.95 0.00	75.28 3.24 0.00	81.24 4.89 0.00	88.26 6.00 0.00	99.49 7.03 0.00	108.07 8.37 0.00	123.67 9.86 -3.02	150.83 12.67 -3.34	183.39 15.19 -4.88	165.93 13.28 0.00	123.77 8.96 0.00	97.46 5.86 0.00	87.67 4.17 0.00	72.59 2.52 0.00	63.55 1.18 0.00
MILLWOOD_13_KV_LOAD 356217	63.77 1.25 0.00	54.73 1.54 0.00	50.43 1.52 0.00	50.26 1.46 0.00	50.22 1.46 0.00	51.26 1.54 0.00	57.48 1.73 0.00	61.02 1.60 0.00	63.63 1.55 0.00	67.04 2.14 0.00	75.57 3.53 0.00	81.55 5.19 0.00	88.67 6.42 0.00	99.95 7.49 0.00	108.57 8.87 0.00	124.22 10.41 -3.02	151.51 13.35 -3.34	184.54 16.33 -4.88	166.70 14.04 0.00	124.34 9.53 0.00	97.82 6.23 0.00	88.09 4.59 0.00	72.87 2.80 0.00	63.73 1.37 0.00
MODEL_CITY_ENERGY 24167	63.33 0.81 0.00	52.50 -0.69 0.00	47.59 -1.32 0.00	47.14 -1.66 0.00	47.20 -1.56 0.00	48.08 -1.64 0.00	54.08 -1.67 0.00	57.75 -1.66 0.00	61.76 -0.31 0.00	65.29 0.39 0.00	73.99 1.95 0.00	77.65 1.30 0.00	82.99 0.74 0.00	92.93 0.46 0.00	98.89 -0.80 0.00	109.46 -1.32 0.00	131.99 -2.84 0.00	156.14 -7.18 0.00	147.92 -4.73 0.00	113.32 -1.50 0.00	93.33 1.74 0.00	84.83 1.33 0.00	69.86 -0.21 0.00	62.98 0.62 0.00
MODERN_LFGE___ 323580	63.33 0.81 0.00	52.50 -0.69 0.00	47.59 -1.32 0.00	47.14 -1.66 0.00	47.20 -1.56 0.00	48.08 -1.64 0.00	54.08 -1.67 0.00	57.75 -1.66 0.00	61.76 -0.31 0.00	65.29 0.39 0.00	73.99 1.95 0.00	77.65 1.30 0.00	82.99 0.74 0.00	92.93 0.46 0.00	98.89 -0.80 0.00	109.46 -1.32 0.00	131.99 -2.84 0.00	156.14 -7.18 0.00	147.92 -4.73 0.00	113.32 -1.50 0.00	93.33 1.74 0.00	84.83 1.33 0.00	69.86 -0.21 0.00	62.98 0.62 0.00
MOHAWK_PAPER___DRP 24187	63.21 0.69 0.00	53.93 0.74 0.00	49.69 0.78 0.00	49.63 0.83 0.00	49.59 0.83 0.00	50.56 0.85 0.00	56.65 0.89 0.00	60.19 0.77 0.00	62.69 0.62 0.00	65.81 0.91 0.00	73.48 1.44 0.00	78.80 2.44 0.00	85.29 3.04 0.00	96.16 3.70 0.00	103.78 4.09 0.00	139.08 4.76 -23.53	145.46 6.07 -4.57	187.77 7.84 -16.61	122.06 6.87 37.46	84.72 4.94 35.03	74.90 3.39 20.08	74.81 2.42 11.11	71.75 1.68 0.00	63.23 0.87 0.00
MOHICAN___35_KV_115KV_LD 80490	65.52 3.00 0.00	55.64 2.45 0.00	51.06 2.15 0.00	50.90 2.10 0.00	50.95 2.19 0.00	51.95 2.24 0.00	58.37 2.62 0.00	62.03 2.61 0.00	64.56 2.48 0.00	67.56 2.66 0.00	74.78 2.74 0.00	80.10 3.74 0.00	86.61 4.36 0.00	97.46 4.99 0.00	104.88 5.18 0.00	129.56 6.20 -12.57	172.69 7.95 -29.91	210.61 10.94 -36.34	191.70 10.99 -28.06	149.66 8.61 -26.23	113.32 6.69 -15.04	97.07 5.26 -8.32	74.27 4.20 0.00	65.54 3.18 0.00
MONGAUP___HYD 23641	64.39 1.87 0.00	54.94 1.75 0.00	50.52 1.61 0.00	50.41 1.61 0.00	50.32 1.56 0.00	51.36 1.64 0.00	57.59 1.84 0.00	61.14 1.72 0.00	63.56 1.49 0.00	66.65 1.75 0.00	74.78 2.74 0.00	80.40 4.04 0.00	87.19 4.93 0.00	98.39 5.92 0.00	106.47 6.78 0.00	121.29 8.08 -2.43	148.83 11.33 -2.68	179.33 12.09 -3.92	163.95 11.30 0.00	124.56 9.75 0.00	98.55 6.96 0.00	88.84 5.35 0.00	73.50 3.43 0.00	64.42 2.05 0.00
MONTAUK___DIESEL 23721	66.33 3.81 0.00	57.55 4.36 0.00	53.22 4.30 0.00	52.90 4.10 0.00	52.71 3.95 0.00	54.44 4.72 0.00	60.49 4.74 0.00	63.81 4.40 0.00	65.74 3.66 0.00	68.60 3.70 0.00	77.29 5.26 0.01	84.30 7.94 0.00	93.36 11.10 0.00	106.36 13.59 -0.30	129.86 14.16 -16.01	240.78 15.95 -114.04	251.39 19.95 -96.62	289.19 23.19 -102.67	244.61 21.07 -70.89	219.71 14.58 -90.31	126.64 11.08 -23.97	91.18 7.68 0.00	74.13 4.06 0.00	64.22 1.87 0.02
MOONROAD_115KV_HARTFLD_TB1-2 355988	65.33 2.81 0.00	53.88 0.69 0.00	48.67 -0.24 0.00	48.50 -0.29 0.00	48.52 -0.24 0.00	49.37 -0.35 0.00	56.20 0.45 0.00	60.90 1.49 0.00	64.93 2.86 0.00	68.86 3.96 0.00	77.88 5.84 0.00	82.08 5.73 0.00	87.93 5.68 0.00	98.01 5.55 0.00	105.18 5.48 0.00	116.65 5.87 0.00	141.30 6.47 0.00	166.92 3.59 0.00	159.07 6.41 0.00	121.59 6.77 0.00	99.10 7.51 0.00	90.26 6.76 0.00	73.57 3.50 0.00	65.85 3.49 0.00

MORRIS_RIDGE___SOLAR 323848	64.02 1.50 0.00	53.24 0.05 0.00	48.28 -0.64 0.00	47.92 -0.88 0.00	47.93 -0.83 0.00	48.92 -0.80 0.00	55.20 -0.56 0.00	59.18 -0.24 0.00	62.26 0.19 0.00	65.61 0.72 0.00	73.99 1.95 0.00	78.19 1.83 0.00	83.73 1.48 0.00	93.85 1.39 0.00	99.89 0.20 0.00	110.78 0.00 0.00	134.42 -0.40 0.00	160.70 -2.62 0.00	152.81 0.15 0.00	117.56 2.75 0.00	96.08 4.49 0.00	87.26 3.76 0.00	71.82 1.75 0.00	64.04 1.68 0.00
MORTIMER_115KV_TB3 55949	63.90 1.38 0.00	53.35 0.16 0.00	48.67 -0.24 0.00	48.21 -0.59 0.00	48.18 -0.59 0.00	49.27 -0.45 0.00	55.42 -0.33 0.00	59.60 0.18 0.00	63.32 1.24 0.00	66.85 1.95 0.00	75.50 3.46 0.00	79.64 3.28 0.00	85.05 2.80 0.00	94.96 2.50 0.00	102.38 2.69 0.00	113.22 2.44 0.00	137.12 2.29 0.00	163.81 0.49 0.00	154.49 1.83 0.00	117.45 2.64 0.00	95.26 3.66 0.00	86.58 3.09 0.00	71.26 1.19 0.00	63.55 1.18 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	63.83 1.31 0.00	54.94 1.76 0.00	50.67 1.76 0.00	50.51 1.71 0.00	50.42 1.66 0.00	51.46 1.74 0.00	57.65 1.90 0.00	61.20 1.78 0.00	63.75 1.68 0.00	67.30 2.40 0.00	75.79 3.75 0.00	81.85 5.50 0.00	89.00 6.74 0.00	100.14 7.67 0.00	108.86 9.17 0.00	124.70 10.86 -3.06	151.95 13.75 -3.37	184.75 16.50 -4.94	166.85 14.20 0.00	124.34 9.53 0.00	97.82 6.23 0.00	87.92 4.43 0.00	72.87 2.80 0.00	63.73 1.37 0.00
MUNSVILLE_WIND_PWR 323609	67.96 5.44 0.00	57.07 3.88 0.00	52.00 3.08 0.00	51.92 3.13 0.00	51.98 3.22 0.00	53.25 3.53 0.00	60.22 4.46 0.00	64.70 5.29 0.00	67.29 5.21 0.00	70.67 5.77 0.00	79.25 7.20 0.00	84.53 8.17 0.00	90.23 7.98 0.00	102.17 9.71 0.00	109.76 10.06 0.00	122.20 11.41 0.00	148.30 13.48 0.00	180.47 17.14 0.00	170.51 17.85 0.00	128.70 13.89 0.00	102.95 11.36 0.00	93.01 9.51 0.00	76.94 6.87 0.00	67.91 5.55 0.00
N SALMON___HYD 24042	64.33 1.81 0.00	54.73 1.54 0.00	50.28 1.37 0.00	50.06 1.27 0.00	50.08 1.32 0.00	51.11 1.39 0.00	57.70 1.95 0.00	61.50 2.08 0.00	64.19 2.11 0.00	66.52 1.62 0.00	72.84 0.79 0.00	75.74 -0.61 0.00	80.85 -1.40 0.00	89.69 -2.77 0.00	96.60 -3.09 0.00	107.23 -3.55 0.00	130.10 -4.72 0.00	159.08 -4.25 0.00	148.38 -4.27 0.00	111.95 -2.87 0.00	90.04 -1.56 0.00	83.75 0.25 0.00	71.12 1.05 0.00	63.73 1.37 0.00
N.AKRON__115KV_KNAPP 355671	64.96 2.44 0.00	53.77 0.59 0.00	48.86 -0.05 0.00	48.31 -0.49 0.00	48.32 -0.44 0.00	49.42 -0.30 0.00	55.59 -0.17 0.00	59.60 0.18 0.00	63.63 1.55 0.00	67.24 2.34 0.00	76.29 4.25 0.00	80.10 3.74 0.00	85.38 3.13 0.00	94.96 2.50 0.00	102.28 2.59 0.00	113.00 2.22 0.00	136.58 1.75 0.00	161.69 -1.63 0.00	153.57 0.92 0.00	117.57 2.76 0.00	96.26 4.67 0.00	87.59 4.09 0.00	71.61 1.54 0.00	64.48 2.12 0.00
N.E_GEN_SANDY PD 24062	63.39 0.87 0.00	54.20 1.01 0.00	49.99 1.07 0.00	49.87 1.07 0.00	49.83 1.07 0.00	50.81 1.09 0.00	56.87 1.11 0.00	60.49 1.07 0.00	63.01 0.93 0.00	66.20 1.30 0.00	74.13 2.09 0.00	79.95 3.59 0.00	90.44 4.52 -3.67	109.06 5.27 -11.33	130.34 6.08 -24.57	149.00 6.98 -31.23	188.68 9.03 -44.82	241.21 10.94 -66.94	250.00 9.78 -87.57	194.85 6.77 -73.27	167.01 4.67 -70.75	126.27 3.42 -39.35	80.08 2.10 -7.91	63.42 1.06 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	63.46 0.94 0.00	54.41 1.22 0.00	50.14 1.22 0.00	50.02 1.22 0.00	49.93 1.17 0.00	50.96 1.24 0.00	57.15 1.39 0.00	60.72 1.31 0.00	63.25 1.18 0.00	66.72 1.82 0.00	75.14 3.10 0.00	81.09 4.73 0.00	88.09 5.84 0.00	99.21 6.75 0.00	107.77 8.08 0.00	123.01 9.42 -2.81	150.33 12.40 -3.10	182.73 14.86 -4.54	165.63 12.98 0.00	123.65 8.84 0.00	97.27 5.68 0.00	87.59 4.09 0.00	72.45 2.38 0.00	63.42 1.06 0.00
N.QUEENS_27_KV_LOAD 356247	63.65 1.13 -0.01	55.17 1.97 -0.01	51.22 2.30 -0.01	51.04 2.24 0.00	50.96 2.19 -0.01	51.91 2.19 -0.01	57.93 2.17 0.00	60.96 1.54 0.00	63.62 1.55 0.01	67.16 2.27 0.01	75.71 3.67 0.01	81.77 5.42 0.01	88.85 6.58 -0.02	100.22 7.49 -0.27	108.68 8.97 -0.02	124.78 10.08 -3.91	153.11 12.94 -5.35	186.38 15.52 -7.54	167.56 13.59 -1.32	124.00 9.18 -0.01	97.74 5.86 -0.28	87.68 4.17 -0.01	72.67 2.59 -0.01	63.62 1.25 -0.01
N.TROY___115KV_TB1 355778	63.90 1.38 0.00	54.52 1.33 0.00	50.18 1.27 0.00	50.11 1.32 0.00	50.08 1.32 0.00	51.06 1.34 0.00	57.20 1.45 0.00	60.78 1.37 0.00	63.38 1.30 0.00	66.46 1.56 0.00	74.13 2.09 0.00	79.56 3.21 0.00	86.12 3.87 0.00	96.99 4.53 0.00	104.78 5.08 0.00	138.34 5.87 -21.68	206.16 7.55 -63.79	247.68 9.47 -74.88	231.10 8.70 -69.74	186.34 6.31 -65.21	133.47 4.49 -37.38	107.68 3.51 -20.68	72.59 2.52 0.00	63.98 1.62 0.00
NARROWS_GT1_1 24228	63.57 1.06 0.01	55.05 1.86 0.00	51.12 2.20 0.00	51.00 2.20 -0.01	50.86 2.10 0.00	51.65 1.94 0.00	57.48 1.73 0.00	60.71 1.31 0.01	63.09 1.43 0.41	66.50 2.14 0.54	67.68 3.60 7.96	75.68 5.50 6.17	88.99 6.75 0.01	100.04 7.58 0.01	108.66 8.98 0.01	124.47 10.64 -3.05	151.80 13.61 -3.36	184.42 16.17 -4.93	166.68 14.04 0.01	105.19 9.42 19.04	97.62 6.23 0.20	87.83 4.34 0.01	63.05 2.59 9.61	62.28 1.18 1.26
NARROWS_GT1_2 24229	63.57 1.06 0.01	55.05 1.86 0.00	51.12 2.20 0.00	51.00 2.20 -0.01	50.86 2.10 0.00	51.65 1.94 0.00	57.48 1.73 0.00	60.71 1.31 0.01	63.09 1.43 0.41	66.50 2.14 0.54	67.68 3.60 7.96	75.68 5.50 6.17	88.99 6.75 0.01	100.04 7.58 0.01	108.66 8.98 0.01	124.47 10.64 -3.05	151.80 13.61 -3.36	184.42 16.17 -4.93	166.68 14.04 0.01	105.19 9.42 19.04	97.62 6.23 0.20	87.83 4.34 0.01	63.05 2.59 9.61	62.28 1.18 1.26
NARROWS_GT1_3 24230	63.57 1.06 0.01	55.05 1.86 0.00	51.12 2.20 0.00	51.00 2.20 -0.01	50.86 2.10 0.00	51.65 1.94 0.00	57.48 1.73 0.00	60.71 1.31 0.01	63.09 1.43 0.41	66.50 2.14 0.54	67.68 3.60 7.96	75.68 5.50 6.17	88.99 6.75 0.01	100.04 7.58 0.01	108.66 8.98 0.01	124.47 10.64 -3.05	151.80 13.61 -3.36	184.42 16.17 -4.93	166.68 14.04 0.01	105.19 9.42 19.04	97.62 6.23 0.20	87.83 4.34 0.01	63.05 2.59 9.61	62.28 1.18 1.26
NARROWS_GT1_4 24231	63.57 1.06 0.01	55.05 1.86 0.00	51.12 2.20 0.00	51.00 2.20 -0.01	50.86 2.10 0.00	51.65 1.94 0.00	57.48 1.73 0.00	60.71 1.31 0.01	63.09 1.43 0.41	66.50 2.14 0.54	67.68 3.60 7.96	75.68 5.50 6.17	88.99 6.75 0.01	100.04 7.58 0.01	108.66 8.98 0.01	124.47 10.64 -3.05	151.80 13.61 -3.36	184.42 16.17 -4.93	166.68 14.04 0.01	105.19 9.42 19.04	97.62 6.23 0.20	87.83 4.34 0.01	63.05 2.59 9.61	62.28 1.18 1.26
NARROWS_GT1_5 24232	63.57 1.06 0.01	55.05 1.86 0.00	51.12 2.20 0.00	51.00 2.20 -0.01	50.86 2.10 0.00	51.65 1.94 0.00	57.48 1.73 0.00	60.71 1.31 0.01	63.09 1.43 0.41	66.50 2.14 0.54	67.68 3.60 7.96	75.68 5.50 6.17	88.99 6.75 0.01	100.04 7.58 0.01	108.66 8.98 0.01	124.47 10.64 -3.05	151.80 13.61 -3.36	184.42 16.17 -4.93	166.68 14.04 0.01	105.19 9.42 19.04	97.62 6.23 0.20	87.83 4.34 0.01	63.05 2.59 9.61	62.28 1.18 1.26

NARROWS_GT1_6 24233	63.57 1.06 0.01	55.05 1.86 0.00	51.12 2.20 0.00	51.00 2.20 -0.01	50.86 2.10 0.00	51.65 1.94 0.00	57.48 1.73 0.00	60.71 1.31 0.01	63.09 1.43 0.41	66.50 2.14 0.54	67.68 3.60 7.96	75.68 5.50 6.17	88.99 6.75 0.01	100.04 7.58 0.01	108.66 8.98 0.01	124.47 10.64 -3.05	151.80 13.61 -3.36	184.42 16.17 -4.93	166.68 14.04 0.01	105.19 9.42 19.04	97.62 6.23 0.20	87.83 4.34 0.01	63.05 2.59 9.61	62.28 1.18 1.26
NARROWS_GT1_7 24234	63.57 1.06 0.01	55.05 1.86 0.00	51.12 2.20 0.00	51.00 2.20 -0.01	50.86 2.10 0.00	51.65 1.94 0.00	57.48 1.73 0.00	60.71 1.31 0.01	63.09 1.43 0.41	66.50 2.14 0.54	67.68 3.60 7.96	75.68 5.50 6.17	88.99 6.75 0.01	100.04 7.58 0.01	108.66 8.98 0.01	124.47 10.64 -3.05	151.80 13.61 -3.36	184.42 16.17 -4.93	166.68 14.04 0.01	105.19 9.42 19.04	97.62 6.23 0.20	87.83 4.34 0.01	63.05 2.59 9.61	62.28 1.18 1.26
NARROWS_GT1_8 24235	63.57 1.06 0.01	55.05 1.86 0.00	51.12 2.20 0.00	51.00 2.20 -0.01	50.86 2.10 0.00	51.65 1.94 0.00	57.48 1.73 0.00	60.71 1.31 0.01	63.09 1.43 0.41	66.50 2.14 0.54	67.68 3.60 7.96	75.68 5.50 6.17	88.99 6.75 0.01	100.04 7.58 0.01	108.66 8.98 0.01	124.47 10.64 -3.05	151.80 13.61 -3.36	184.42 16.17 -4.93	166.68 14.04 0.01	105.19 9.42 19.04	97.62 6.23 0.20	87.83 4.34 0.01	63.05 2.59 9.61	62.28 1.18 1.26
NARROWS_GT2_1 24236	63.57 1.06 0.01	55.05 1.86 0.00	51.12 2.20 0.00	51.00 2.20 -0.01	50.86 2.10 0.00	51.65 1.94 0.00	57.48 1.73 0.00	60.71 1.31 0.01	63.09 1.43 0.41	66.50 2.14 0.54	67.68 3.60 7.96	75.68 5.50 6.17	88.99 6.75 0.01	100.04 7.58 0.01	108.66 8.98 0.01	124.47 10.64 -3.05	151.80 13.61 -3.36	184.42 16.17 -4.93	166.68 14.04 0.01	105.19 9.42 19.04	97.62 6.23 0.20	87.83 4.34 0.01	63.05 2.59 9.61	62.28 1.18 1.26
NARROWS_GT2_2 24237	63.57 1.06 0.01	55.05 1.86 0.00	51.12 2.20 0.00	51.00 2.20 -0.01	50.86 2.10 0.00	51.65 1.94 0.00	57.48 1.73 0.00	60.71 1.31 0.01	63.09 1.43 0.41	66.50 2.14 0.54	67.68 3.60 7.96	75.68 5.50 6.17	88.99 6.75 0.01	100.04 7.58 0.01	108.66 8.98 0.01	124.47 10.64 -3.05	151.80 13.61 -3.36	184.42 16.17 -4.93	166.68 14.04 0.01	105.19 9.42 19.04	97.62 6.23 0.20	87.83 4.34 0.01	63.05 2.59 9.61	62.28 1.18 1.26
NARROWS_GT2_3 24238	63.57 1.06 0.01	55.05 1.86 0.00	51.12 2.20 0.00	51.00 2.20 -0.01	50.86 2.10 0.00	51.65 1.94 0.00	57.48 1.73 0.00	60.71 1.31 0.01	63.09 1.43 0.41	66.50 2.14 0.54	67.68 3.60 7.96	75.68 5.50 6.17	88.99 6.75 0.01	100.04 7.58 0.01	108.66 8.98 0.01	124.47 10.64 -3.05	151.80 13.61 -3.36	184.42 16.17 -4.93	166.68 14.04 0.01	105.19 9.42 19.04	97.62 6.23 0.20	87.83 4.34 0.01	63.05 2.59 9.61	62.28 1.18 1.26
NARROWS_GT2_4 24239	63.57 1.06 0.01	55.05 1.86 0.00	51.12 2.20 0.00	51.00 2.20 -0.01	50.86 2.10 0.00	51.65 1.94 0.00	57.48 1.73 0.00	60.71 1.31 0.01	63.09 1.43 0.41	66.50 2.14 0.54	67.68 3.60 7.96	75.68 5.50 6.17	88.99 6.75 0.01	100.04 7.58 0.01	108.66 8.98 0.01	124.47 10.64 -3.05	151.80 13.61 -3.36	184.42 16.17 -4.93	166.68 14.04 0.01	105.19 9.42 19.04	97.62 6.23 0.20	87.83 4.34 0.01	63.05 2.59 9.61	62.28 1.18 1.26
NARROWS_GT2_5 24240	63.57 1.06 0.01	55.05 1.86 0.00	51.12 2.20 0.00	51.00 2.20 -0.01	50.86 2.10 0.00	51.65 1.94 0.00	57.48 1.73 0.00	60.71 1.31 0.01	63.09 1.43 0.41	66.50 2.14 0.54	67.68 3.60 7.96	75.68 5.50 6.17	88.99 6.75 0.01	100.04 7.58 0.01	108.66 8.98 0.01	124.47 10.64 -3.05	151.80 13.61 -3.36	184.42 16.17 -4.93	166.68 14.04 0.01	105.19 9.42 19.04	97.62 6.23 0.20	87.83 4.34 0.01	63.05 2.59 9.61	62.28 1.18 1.26
NARROWS_GT2_6 24241	63.57 1.06 0.01	55.05 1.86 0.00	51.12 2.20 0.00	51.00 2.20 -0.01	50.86 2.10 0.00	51.65 1.94 0.00	57.48 1.73 0.00	60.71 1.31 0.01	63.09 1.43 0.41	66.50 2.14 0.54	67.68 3.60 7.96	75.68 5.50 6.17	88.99 6.75 0.01	100.04 7.58 0.01	108.66 8.98 0.01	124.47 10.64 -3.05	151.80 13.61 -3.36	184.42 16.17 -4.93	166.68 14.04 0.01	105.19 9.42 19.04	97.62 6.23 0.20	87.83 4.34 0.01	63.05 2.59 9.61	62.28 1.18 1.26
NARROWS_GT2_7 24242	63.57 1.06 0.01	55.05 1.86 0.00	51.12 2.20 0.00	51.00 2.20 -0.01	50.86 2.10 0.00	51.65 1.94 0.00	57.48 1.73 0.00	60.71 1.31 0.01	63.09 1.43 0.41	66.50 2.14 0.54	67.68 3.60 7.96	75.68 5.50 6.17	88.99 6.75 0.01	100.04 7.58 0.01	108.66 8.98 0.01	124.47 10.64 -3.05	151.80 13.61 -3.36	184.42 16.17 -4.93	166.68 14.04 0.01	105.19 9.42 19.04	97.62 6.23 0.20	87.83 4.34 0.01	63.05 2.59 9.61	62.28 1.18 1.26
NARROWS_GT2_8 24243	63.57 1.06 0.01	55.05 1.86 0.00	51.12 2.20 0.00	51.00 2.20 -0.01	50.86 2.10 0.00	51.65 1.94 0.00	57.48 1.73 0.00	60.71 1.31 0.01	63.09 1.43 0.41	66.50 2.14 0.54	67.68 3.60 7.96	75.68 5.50 6.17	88.99 6.75 0.01	100.04 7.58 0.01	108.66 8.98 0.01	124.47 10.64 -3.05	151.80 13.61 -3.36	184.42 16.17 -4.93	166.68 14.04 0.01	105.19 9.42 19.04	97.62 6.23 0.20	87.83 4.34 0.01	63.05 2.59 9.61	62.28 1.18 1.26
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	64.02 1.50 0.00	54.41 1.22 0.00	50.14 1.22 0.00	50.07 1.27 0.00	50.03 1.27 0.00	50.86 1.14 0.00	56.98 1.23 0.00	60.07 0.65 0.00	62.26 0.19 0.00	65.09 0.19 0.00	72.47 0.43 0.00	77.58 1.22 0.00	83.90 1.65 0.00	94.68 2.22 0.00	102.18 2.49 0.00	85.79 4.21 29.20	96.79 6.47 44.51	112.86 8.98 59.45	139.87 8.70 21.49	101.26 6.54 20.09	84.84 4.76 11.52	80.88 3.76 6.37	72.24 2.17 0.00	63.73 1.37 0.00
NCHELSEA_115KV_TR2 355582	64.33 1.81 0.00	55.05 1.86 0.00	50.67 1.76 0.00	50.55 1.76 0.00	50.47 1.71 0.00	51.51 1.79 0.00	57.82 2.06 0.00	61.44 2.02 0.00	64.12 2.05 0.00	67.56 2.66 0.00	76.15 4.11 0.00	82.01 5.65 0.00	88.91 6.66 0.00	100.23 7.77 0.00	108.66 8.97 0.00	123.53 10.41 -2.33	151.15 13.75 -2.57	183.75 16.66 -3.76	167.31 14.65 0.00	125.03 10.22 0.00	98.46 6.87 0.00	88.76 5.26 0.00	73.50 3.43 0.00	64.36 2.00 0.00
NEG CAPITAL___MECHNVIL 23645	65.21 2.69 0.00	55.42 2.23 0.00	50.97 2.05 0.00	50.85 2.05 0.00	50.81 2.05 0.00	51.85 2.14 0.00	58.15 2.40 0.00	61.80 2.38 0.00	64.43 2.36 0.00	67.43 2.53 0.00	75.07 3.03 0.00	80.48 4.12 0.00	87.10 4.85 0.00	98.20 5.73 0.00	105.77 6.08 0.00	133.31 7.10 -15.43	184.57 9.03 -40.71	223.52 11.60 -48.60	205.08 11.00 -41.43	161.82 8.27 -38.74	120.21 6.41 -22.21	100.71 4.93 -12.28	73.85 3.78 0.00	65.23 2.87 0.00
NEG CENTRAL_HIGH_ACRES 23767	62.71 0.19 0.00	52.55 -0.64 0.00	47.93 -0.98 0.00	47.48 -1.32 0.00	47.49 -1.27 0.00	48.58 -1.14 0.00	54.69 -1.06 0.00	58.82 -0.59 0.00	62.32 0.25 0.00	65.74 0.84 0.00	74.20 2.16 0.00	78.42 2.06 0.00	83.90 1.64 0.00	94.13 1.67 0.00	100.79 1.10 0.00	111.56 0.78 0.00	135.23 0.41 0.00	162.35 -0.97 0.00	152.50 -0.15 0.00	115.73 0.91 0.00	93.70 2.11 0.00	85.00 1.50 0.00	70.28 0.21 0.00	62.36 0.00 0.00

NEG CENTRAL___DRP 24199	63.58 1.06 0.00	53.46 0.27 0.00	48.96 0.05 0.00	48.65 -0.15 0.00	48.61 -0.15 0.00	49.62 -0.10 0.00	55.87 0.11 0.00	59.95 0.53 0.00	63.00 0.93 0.00	66.33 1.43 0.00	74.49 2.45 0.00	79.11 2.75 0.00	84.64 2.39 0.00	94.50 2.03 0.00	101.49 1.79 0.00	112.67 1.88 0.00	136.98 2.16 0.00	164.96 1.63 0.00	155.40 2.75 0.00	117.80 2.99 0.00	94.98 3.39 0.00	86.42 2.92 0.00	71.40 1.33 0.00	63.42 1.06 0.00
NEG CENTRAL___INDECK 23768	64.65 2.13 0.00	53.88 0.69 0.00	48.96 0.05 0.00	48.41 -0.39 0.00	48.42 -0.34 0.00	49.67 -0.05 0.00	55.98 0.22 0.00	59.72 0.30 0.00	62.57 0.49 0.00	65.74 0.84 0.00	74.06 2.01 0.00	78.27 1.91 0.00	83.73 1.48 0.00	93.85 1.39 0.00	97.40 -2.29 0.00	108.12 -2.66 0.00	131.05 -3.77 0.00	157.12 -6.21 0.00	149.75 -2.91 0.00	115.84 1.03 0.00	94.71 3.12 0.00	85.92 2.42 0.00	72.52 2.45 0.00	64.30 1.94 0.00
NEG CENTRAL___SENECA 23627	64.15 1.63 0.00	53.72 0.53 0.00	49.21 0.29 0.00	48.85 0.05 0.00	48.86 0.10 0.00	49.82 0.10 0.00	56.20 0.45 0.00	60.37 0.95 0.00	63.50 1.43 0.00	66.91 2.01 0.00	75.21 3.17 0.00	79.79 3.44 0.00	85.38 3.13 0.00	95.05 2.59 0.00	101.79 2.09 0.00	113.00 2.22 0.00	137.39 2.56 0.00	165.28 1.96 0.00	156.01 3.36 0.00	118.60 3.79 0.00	95.90 4.30 0.00	87.34 3.84 0.00	71.96 1.89 0.00	63.92 1.56 0.00
NEG CENTRAL___STATE_STREET 24147	63.21 0.69 0.00	53.35 0.16 0.00	48.86 -0.05 0.00	48.60 -0.20 0.00	48.57 -0.20 0.00	49.62 -0.10 0.00	55.81 0.06 0.00	59.77 0.36 0.00	62.69 0.62 0.00	65.94 1.04 0.00	73.92 1.87 0.00	78.57 2.21 0.00	84.23 1.97 0.00	94.31 1.85 0.00	101.59 1.89 0.00	112.78 1.99 0.00	137.25 2.43 0.00	165.61 2.29 0.00	155.71 3.05 0.00	117.80 2.99 0.00	94.52 2.93 0.00	85.92 2.42 0.00	71.19 1.12 0.00	63.11 0.75 0.00
NEG MILLWOOD___DRP 24198	64.46 1.94 0.00	55.10 1.91 0.00	50.77 1.86 0.00	50.60 1.81 0.00	50.56 1.80 0.00	51.66 1.94 0.00	58.04 2.29 0.00	61.62 2.20 0.00	64.31 2.23 0.00	67.69 2.79 0.00	76.51 4.47 0.00	82.47 6.11 0.00	89.65 7.40 0.00	101.16 8.69 0.00	109.76 10.07 0.00	125.22 11.63 -2.81	153.16 15.24 -3.10	186.64 18.78 -4.54	168.83 16.18 0.00	125.95 11.14 0.00	99.10 7.51 0.00	89.17 5.68 0.00	73.71 3.64 0.00	64.48 2.12 0.00
NEG NORTH_FLCN_SEA 23793	63.27 0.75 0.00	53.77 0.59 0.00	49.40 0.49 0.00	49.24 0.44 0.00	49.20 0.44 0.00	50.21 0.50 0.00	56.59 0.84 0.00	60.31 0.89 0.00	63.07 0.99 0.00	65.42 0.52 0.00	71.68 -0.36 0.00	74.83 -1.53 0.00	80.28 -1.97 0.00	89.78 -2.68 0.00	96.10 -3.59 0.00	106.80 -3.99 0.00	129.57 -5.26 0.00	158.10 -5.23 0.00	147.31 -5.34 0.00	111.02 -3.79 0.00	89.85 -1.74 0.00	82.58 -0.92 0.00	70.00 -0.07 0.00	62.80 0.44 0.00
NEG NORTH_KES_CHATEGAY 23792	63.46 0.94 0.00	53.93 0.74 0.00	49.55 0.64 0.00	49.38 0.59 0.00	49.35 0.59 0.00	50.36 0.65 0.00	56.70 0.95 0.00	60.31 0.89 0.00	62.94 0.87 0.00	65.16 0.26 0.00	71.32 -0.72 0.00	74.45 -1.91 0.00	79.87 -2.39 0.00	89.41 -3.05 0.00	95.90 -3.79 0.00	106.57 -4.21 0.00	129.43 -5.39 0.00	157.77 -5.55 0.00	147.31 -5.34 0.00	111.14 -3.67 0.00	89.76 -1.83 0.00	82.49 -1.00 0.00	70.14 0.07 0.00	62.92 0.56 0.00
NEG NORTH___ALICE_FALLS 23915	63.83 1.31 0.00	54.25 1.06 0.00	49.84 0.93 0.00	49.63 0.83 0.00	49.64 0.88 0.00	50.66 0.94 0.00	57.15 1.39 0.00	60.84 1.43 0.00	63.63 1.55 0.00	66.00 1.10 0.00	72.33 0.29 0.00	75.52 -0.84 0.00	80.94 -1.32 0.00	90.43 -2.03 0.00	96.70 -2.99 0.00	107.46 -3.32 0.00	130.51 -4.31 0.00	159.40 -3.92 0.00	148.53 -4.12 0.00	112.06 -2.76 0.00	90.95 -0.64 0.00	83.58 0.08 0.00	70.77 0.70 0.00	63.36 1.00 0.00
NEG NORTH___LWR_SARANAC 23913	63.83 1.31 0.00	54.25 1.06 0.00	49.84 0.93 0.00	49.63 0.83 0.00	49.64 0.88 0.00	50.66 0.94 0.00	57.15 1.39 0.00	60.84 1.43 0.00	63.63 1.55 0.00	66.00 1.10 0.00	72.33 0.29 0.00	75.52 -0.84 0.00	80.94 -1.32 0.00	90.43 -2.03 0.00	96.70 -2.99 0.00	107.46 -3.32 0.00	130.51 -4.31 0.00	159.40 -3.92 0.00	148.53 -4.12 0.00	112.06 -2.76 0.00	90.95 -0.64 0.00	83.58 0.08 0.00	70.77 0.70 0.00	63.36 1.00 0.00
NEG NORTH___PLATTSBURG 23628	63.83 1.31 0.00	54.25 1.06 0.00	49.84 0.93 0.00	49.63 0.83 0.00	49.64 0.88 0.00	50.66 0.94 0.00	57.15 1.39 0.00	60.90 1.49 0.00	63.63 1.55 0.00	66.00 1.10 0.00	72.40 0.36 0.00	75.52 -0.84 0.00	80.69 -1.57 0.00	89.60 -2.87 0.00	96.70 -2.99 0.00	107.46 -3.32 0.00	130.50 -4.32 0.00	159.40 -3.92 0.00	148.54 -4.11 0.00	111.95 -2.87 0.00	89.95 -1.65 0.00	83.58 0.08 0.00	70.77 0.70 0.00	63.36 0.99 0.00
NEG WEST_LEA_LOCKPORT 23791	63.46 0.94 0.00	52.50 -0.69 0.00	47.64 -1.27 0.00	47.19 -1.61 0.00	47.20 -1.56 0.00	48.13 -1.59 0.00	54.14 -1.62 0.00	58.05 -1.37 0.00	62.07 0.00 0.00	65.61 0.71 0.00	74.35 2.31 0.00	78.04 1.68 0.00	83.07 0.82 0.00	92.46 0.00 0.00	99.39 -0.30 0.00	109.90 -0.89 0.00	132.53 -2.29 0.00	156.46 -6.86 0.00	148.68 -3.97 0.00	113.89 -0.92 0.00	93.52 1.92 0.00	85.17 1.67 0.00	69.79 -0.28 0.00	63.05 0.69 0.00
NEG WEST___LANCASTR 23811	63.58 1.06 0.00	52.71 -0.48 0.00	47.79 -1.12 0.00	47.38 -1.42 0.00	47.44 -1.32 0.00	48.38 -1.34 0.00	54.58 -1.17 0.00	58.94 -0.48 0.00	62.82 0.74 0.00	66.46 1.56 0.00	75.21 3.17 0.00	79.41 3.05 0.00	84.88 2.63 0.00	94.68 2.22 0.00	101.69 1.99 0.00	112.78 1.99 0.00	136.85 2.02 0.00	162.02 -1.31 0.00	154.03 1.37 0.00	117.80 2.99 0.00	95.81 4.21 0.00	87.17 3.67 0.00	71.12 1.05 0.00	63.61 1.25 0.00
NEG_PENN_ALLEGHNY 23528	63.52 1.00 0.00	53.67 0.48 0.00	49.11 0.20 0.00	48.99 0.20 0.00	48.96 0.20 0.00	49.92 0.20 0.00	56.15 0.39 0.00	60.13 0.72 0.00	63.06 0.99 0.00	66.39 1.49 0.00	74.49 2.45 0.00	79.26 2.90 0.00	85.13 2.88 0.00	95.79 3.32 0.00	102.79 3.09 0.00	114.10 3.32 0.00	139.01 4.18 0.00	167.41 4.08 0.00	157.23 4.58 0.00	118.94 4.13 0.00	95.44 3.85 0.00	86.59 3.09 0.00	71.68 1.61 0.00	63.48 1.12 0.00
NEG___GEN_MONROE 24207	64.65 2.13 0.00	53.88 0.69 0.00	49.06 0.15 0.00	48.46 -0.34 0.00	48.47 -0.29 0.00	49.62 -0.10 0.00	55.81 0.06 0.00	59.89 0.48 0.00	63.50 1.43 0.00	67.11 2.21 0.00	76.00 3.96 0.00	80.17 3.82 0.00	85.62 3.37 0.00	95.51 3.05 0.00	102.88 3.19 0.00	113.77 2.99 0.00	137.66 2.83 0.00	164.30 0.98 0.00	155.55 2.90 0.00	118.49 3.67 0.00	96.26 4.67 0.00	87.59 4.09 0.00	72.03 1.96 0.00	64.36 2.00 0.00
NEPA___ENERGY 23901	64.08 1.56 0.00	53.19 0.00 0.00	48.23 -0.68 0.00	47.87 -0.93 0.00	47.88 -0.88 0.00	48.82 -0.89 0.00	55.14 -0.61 0.00	59.42 0.00 0.00	63.25 1.18 0.00	66.91 2.01 0.00	75.64 3.60 0.00	79.95 3.59 0.00	85.46 3.21 0.00	95.33 2.87 0.00	102.28 2.59 0.00	113.55 2.77 0.00	137.79 2.97 0.00	163.32 0.00 0.00	155.25 2.60 0.00	118.83 4.02 0.00	96.63 5.04 0.00	87.92 4.43 0.00	71.68 1.61 0.00	64.17 1.81 0.00

NEVERSINK___HYD 23608	64.08 1.56 0.00	54.68 1.49 0.00	50.28 1.37 0.00	50.21 1.42 0.00	50.12 1.36 0.00	51.16 1.44 0.00	57.37 1.62 0.00	61.08 1.66 0.00	63.68 1.61 0.00	67.04 2.14 0.00	75.29 3.24 0.00	81.01 4.66 0.00	87.76 5.51 0.00	99.12 6.66 0.00	107.27 7.57 0.00	119.65 8.87 0.00	146.82 12.00 0.00	178.03 14.71 0.00	166.09 13.44 0.00	124.11 9.30 0.00	98.00 6.41 0.00	88.34 4.84 0.00	73.08 3.01 0.00	64.10 1.74 0.00
NEWKRMKL_115KV_TB1 55635	62.39 -0.13 0.00	53.24 0.05 0.00	49.11 0.20 0.00	49.09 0.29 0.00	49.00 0.24 0.00	49.92 0.20 0.00	55.92 0.17 0.00	59.42 0.00 0.00	61.89 -0.19 0.00	64.96 0.06 0.00	72.55 0.50 0.00	77.81 1.45 0.00	84.23 1.97 0.00	94.87 2.40 0.00	102.48 2.79 0.00	105.28 3.21 8.72	111.36 4.31 27.78	136.64 5.55 32.24	125.45 4.58 31.78	88.31 3.21 29.71	76.48 1.92 17.03	75.33 1.25 9.42	70.70 0.63 0.00	62.36 0.00 0.00
NEWTON___FALLS_HYD 23847	64.77 2.25 0.00	55.00 1.81 0.00	50.33 1.42 0.00	50.21 1.42 0.00	50.22 1.46 0.00	51.31 1.59 0.00	57.87 2.12 0.00	61.62 2.20 0.00	64.12 2.05 0.00	66.39 1.49 0.00	73.05 1.01 0.00	76.20 -0.15 0.00	81.51 -0.74 0.00	91.35 -1.11 0.00	97.60 -2.09 0.00	108.68 -2.10 0.00	131.59 -3.24 0.00	161.04 -2.29 0.00	151.43 -1.22 0.00	115.04 0.23 0.00	92.42 0.82 0.00	84.33 0.83 0.00	71.75 1.68 0.00	64.17 1.81 0.00
NGRID_A1_DSASP 323792	62.40 -0.12 0.00	51.76 -1.43 0.00	46.86 -2.05 0.00	46.41 -2.39 0.00	46.47 -2.29 0.00	47.33 -2.39 0.00	53.30 -2.45 0.00	57.40 -2.02 0.00	61.39 -0.68 0.00	64.90 0.00 0.00	73.56 1.52 0.00	77.12 0.76 0.00	82.42 0.16 0.00	92.28 -0.18 0.00	98.20 -1.49 0.00	108.45 -2.33 0.00	130.64 -4.18 0.00	154.66 -8.66 0.00	146.25 -6.41 0.00	112.18 -2.64 0.00	92.51 0.92 0.00	84.16 0.66 0.00	69.30 -0.77 0.00	62.11 -0.25 0.00
NGRID_A2_DSASP 323793	62.40 -0.12 0.00	51.76 -1.43 0.00	46.86 -2.05 0.00	46.41 -2.39 0.00	46.47 -2.29 0.00	47.33 -2.39 0.00	53.30 -2.45 0.00	57.40 -2.02 0.00	61.39 -0.68 0.00	64.90 0.00 0.00	73.56 1.52 0.00	77.12 0.76 0.00	82.42 0.16 0.00	92.28 -0.18 0.00	98.20 -1.49 0.00	108.45 -2.33 0.00	130.64 -4.18 0.00	154.66 -8.66 0.00	146.25 -6.41 0.00	112.18 -2.64 0.00	92.51 0.92 0.00	84.16 0.66 0.00	69.30 -0.77 0.00	62.11 -0.25 0.00
NGRID_A4_DSASP 323807	62.40 -0.12 0.00	51.76 -1.43 0.00	46.86 -2.05 0.00	46.41 -2.39 0.00	46.47 -2.29 0.00	47.33 -2.39 0.00	53.30 -2.45 0.00	57.40 -2.02 0.00	61.39 -0.68 0.00	64.90 0.00 0.00	73.56 1.52 0.00	77.12 0.76 0.00	82.42 0.16 0.00	92.28 -0.18 0.00	98.20 -1.49 0.00	108.45 -2.33 0.00	130.64 -4.18 0.00	154.66 -8.66 0.00	146.25 -6.41 0.00	112.18 -2.64 0.00	92.51 0.92 0.00	84.16 0.66 0.00	69.30 -0.77 0.00	62.11 -0.25 0.00
NIAGARA_115E_LBMP 323715	63.14 0.63 0.00	52.34 -0.85 0.00	47.49 -1.42 0.00	47.04 -1.75 0.00	47.05 -1.71 0.00	47.98 -1.74 0.00	53.86 -1.90 0.00	57.46 -1.96 0.00	61.45 -0.62 0.00	65.03 0.13 0.00	73.70 1.66 0.00	77.28 0.92 0.00	82.58 0.33 0.00	92.46 0.00 0.00	98.39 -1.30 0.00	108.90 -1.88 0.00	131.32 -3.51 0.00	155.32 -8.00 0.00	147.01 -5.65 0.00	112.75 -2.06 0.00	92.78 1.19 0.00	84.42 0.92 0.00	69.51 -0.56 0.00	62.80 0.44 0.00
NIAGARA_115W_LBMP 323714	62.21 -0.31 0.00	51.60 -1.59 0.00	46.71 -2.20 0.00	46.26 -2.54 0.00	46.32 -2.44 0.00	47.18 -2.53 0.00	53.13 -2.62 0.00	57.22 -2.20 0.00	61.20 -0.87 0.00	64.71 -0.19 0.00	73.34 1.30 0.00	76.89 0.54 0.00	82.17 -0.08 0.00	92.00 -0.46 0.00	97.90 -1.79 0.00	108.12 -2.66 0.00	130.38 -4.45 0.00	154.18 -9.14 0.00	145.79 -6.87 0.00	111.83 -2.99 0.00	92.24 0.65 0.00	83.92 0.42 0.00	69.09 -0.98 0.00	61.93 -0.43 0.00
NIAGARA_230_LBMP 323716	62.96 0.44 0.00	52.23 -0.96 0.00	47.35 -1.57 0.00	46.94 -1.85 0.00	46.96 -1.80 0.00	47.83 -1.89 0.00	53.86 -1.90 0.00	57.93 -1.48 0.00	61.95 -0.12 0.00	65.48 0.58 0.00	74.20 2.16 0.00	77.80 1.45 0.00	83.16 0.91 0.00	93.12 0.65 0.00	99.20 -0.50 0.00	109.68 -1.11 0.00	132.26 -2.57 0.00	156.78 -6.54 0.00	148.22 -4.43 0.00	113.55 -1.26 0.00	93.42 1.83 0.00	85.00 1.50 0.00	70.00 -0.07 0.00	62.74 0.38 0.00
NIAGARA___115KV_198_GIBSON 55903	62.21 -0.31 0.00	51.49 -1.70 0.00	46.71 -2.20 0.00	46.26 -2.54 0.00	46.32 -2.44 0.00	47.18 -2.54 0.00	53.13 -2.62 0.00	57.16 -2.26 0.00	61.20 -0.87 0.00	64.77 -0.13 0.00	73.34 1.30 0.00	76.89 0.53 0.00	81.92 -0.33 0.00	91.17 -1.29 0.00	97.90 -1.79 0.00	108.12 -2.66 0.00	130.24 -4.58 0.00	153.85 -9.47 0.00	145.94 -6.72 0.00	111.71 -3.10 0.00	91.96 0.37 0.00	83.83 0.33 0.00	68.67 -1.40 0.00	61.92 -0.44 0.00
NIAGARA____ 23760	62.96 0.44 0.00	52.23 -0.96 0.00	47.35 -1.57 0.00	46.94 -1.85 0.00	46.96 -1.80 0.00	47.83 -1.89 0.00	53.86 -1.90 0.00	57.93 -1.48 0.00	61.95 -0.12 0.00	65.48 0.58 0.00	74.20 2.16 0.00	77.80 1.45 0.00	83.16 0.91 0.00	93.12 0.65 0.00	99.20 -0.50 0.00	109.68 -1.11 0.00	132.26 -2.57 0.00	156.78 -6.54 0.00	148.22 -4.43 0.00	113.55 -1.26 0.00	93.42 1.83 0.00	85.00 1.50 0.00	70.00 -0.07 0.00	62.74 0.38 0.00
NINE_MILE_1 23575	60.83 -1.69 0.00	51.54 -1.65 0.00	47.35 -1.57 0.00	47.14 -1.66 0.00	47.10 -1.66 0.00	48.08 -1.64 0.00	53.97 -1.79 0.00	57.64 -1.78 0.00	60.34 -1.74 0.00	63.34 -1.56 0.00	70.67 -1.37 0.00	75.06 -1.30 0.00	80.69 -1.57 0.00	90.70 -1.76 0.00	97.59 -2.10 0.00	108.45 -2.33 0.00	131.86 -2.97 0.00	159.40 -3.92 0.00	149.29 -3.36 0.00	112.52 -2.30 0.00	90.12 -1.47 0.00	81.99 -1.50 0.00	68.39 -1.68 0.00	60.74 -1.62 0.00
NINE_MILE_2 23744	60.83 -1.69 0.00	51.54 -1.65 0.00	47.35 -1.57 0.00	47.14 -1.66 0.00	47.10 -1.66 0.00	48.08 -1.64 0.00	53.97 -1.79 0.00	57.64 -1.78 0.00	60.34 -1.74 0.00	63.34 -1.56 0.00	70.67 -1.37 0.00	75.06 -1.30 0.00	80.69 -1.57 0.00	90.70 -1.76 0.00	97.59 -2.10 0.00	108.45 -2.33 0.00	131.86 -2.97 0.00	159.40 -3.92 0.00	149.29 -3.36 0.00	112.52 -2.30 0.00	90.12 -1.47 0.00	81.99 -1.50 0.00	68.39 -1.68 0.00	60.74 -1.62 0.00
NM_CAPITAL___DRP 24208	62.52 0.00 0.00	53.35 0.16 0.00	49.21 0.29 0.00	49.19 0.39 0.00	49.15 0.39 0.00	50.07 0.35 0.00	56.03 0.28 0.00	59.54 0.12 0.00	62.07 0.00 0.00	65.16 0.26 0.00	72.76 0.72 0.00	78.11 1.76 0.00	84.55 2.30 0.00	95.24 2.77 0.00	102.78 3.09 0.00	128.98 3.66 -14.54	132.83 4.72 6.71	170.09 6.04 -0.73	118.01 5.19 39.83	81.13 3.56 37.24	72.53 2.29 21.35	73.19 1.50 11.81	70.91 0.84 0.00	62.49 0.12 0.00
NM_CENTRAL___DRP 24181	62.08 -0.44 0.00	52.50 -0.69 0.00	48.13 -0.78 0.00	47.92 -0.88 0.00	47.93 -0.83 0.00	48.92 -0.80 0.00	54.97 -0.78 0.00	58.88 -0.53 0.00	61.70 -0.37 0.00	64.90 0.00 0.00	72.69 0.65 0.00	77.27 0.92 0.00	82.91 0.66 0.00	93.02 0.55 0.00	100.19 0.50 0.00	111.34 0.55 0.00	135.36 0.54 0.00	163.32 0.00 0.00	153.11 0.46 0.00	115.50 0.69 0.00	92.42 0.82 0.00	84.00 0.50 0.00	69.86 -0.21 0.00	61.99 -0.37 0.00

NM_FRONTIER___DRP 24179	62.21 -0.31 0.00	51.49 -1.70 0.00	46.71 -2.20 0.00	46.26 -2.54 0.00	46.32 -2.44 0.00	47.18 -2.54 0.00	53.13 -2.62 0.00	57.16 -2.26 0.00	61.20 -0.87 0.00	64.77 -0.13 0.00	73.34 1.30 0.00	76.89 0.53 0.00	81.92 -0.33 0.00	91.17 -1.29 0.00	97.90 -1.79 0.00	108.12 -2.66 0.00	130.24 -4.58 0.00	153.85 -9.47 0.00	145.94 -6.72 0.00	111.71 -3.10 0.00	91.96 0.37 0.00	83.83 0.33 0.00	68.67 -1.40 0.00	61.92 -0.44 0.00
NM_ST_REGIS___HYD 24053	64.33 1.81 0.00	54.84 1.65 0.00	50.38 1.47 0.00	50.21 1.42 0.00	50.17 1.41 0.00	51.21 1.49 0.00	57.76 2.01 0.00	61.32 1.90 0.00	63.94 1.86 0.00	65.94 1.04 0.00	71.97 -0.07 0.00	74.37 -1.99 0.00	79.62 -2.63 0.00	88.95 -3.51 0.00	94.51 -5.18 0.00	105.13 -5.65 0.00	127.41 -7.42 0.00	155.97 -7.35 0.00	145.78 -6.87 0.00	110.22 -4.59 0.00	89.12 -2.47 0.00	81.99 -1.50 0.00	70.28 0.21 0.00	63.36 1.00 0.00
NORTHPORT___1 23551	64.46 1.94 0.00	56.07 2.87 -0.01	51.66 2.74 -0.01	51.28 2.49 0.00	51.05 2.29 0.00	52.55 2.83 0.00	58.60 2.84 0.00	61.91 2.50 0.00	63.50 1.43 0.00	65.74 0.84 0.00	72.97 0.93 0.01	79.64 3.28 0.00	88.09 5.84 0.00	99.14 7.40 0.73	106.93 8.57 1.33	125.15 10.08 -4.28	201.22 12.94 -53.45	240.28 15.52 -61.43	156.44 13.74 9.96	116.01 9.19 7.99	94.65 5.95 2.89	87.08 3.59 0.00	71.39 1.33 0.01	61.28 -1.06 0.02
NORTHPORT___2 23552	64.46 1.94 0.00	56.07 2.87 -0.01	51.66 2.74 -0.01	51.28 2.49 0.00	51.05 2.29 0.00	52.55 2.83 0.00	58.60 2.84 0.00	61.91 2.50 0.00	63.50 1.43 0.00	65.74 0.84 0.00	72.97 0.93 0.01	79.64 3.28 0.00	88.09 5.84 0.00	99.14 7.40 0.73	106.93 8.57 1.33	125.15 10.08 -4.28	201.22 12.94 -53.45	240.28 15.52 -61.43	156.44 13.74 9.96	116.01 9.19 7.99	94.65 5.95 2.89	87.08 3.59 0.00	71.39 1.33 0.01	61.28 -1.06 0.02
NORTHPORT___3 23553	63.65 1.13 0.00	55.43 2.23 -0.01	51.07 2.15 -0.01	50.75 1.95 0.00	50.51 1.75 0.00	51.90 2.19 0.00	57.87 2.12 0.00	61.32 1.90 0.00	62.94 0.87 0.00	64.77 -0.13 0.00	72.67 0.65 0.02	79.25 2.90 0.01	87.43 5.18 0.01	98.91 7.22 0.77	107.10 8.57 1.17	125.03 10.08 -4.16	200.82 12.82 -53.18	239.93 15.52 -61.08	156.26 13.74 10.14	116.00 9.19 8.00	94.52 5.87 2.94	86.33 2.84 0.01	70.83 0.77 0.01	61.02 -1.31 0.02
NORTHPORT___4 23650	63.65 1.13 0.00	55.43 2.23 -0.01	51.07 2.15 -0.01	50.75 1.95 0.00	50.51 1.75 0.00	51.90 2.19 0.00	57.87 2.12 0.00	61.32 1.90 0.00	62.94 0.87 0.00	64.77 -0.13 0.00	72.67 0.65 0.02	79.25 2.90 0.01	87.43 5.18 0.01	98.91 7.22 0.77	107.10 8.57 1.17	125.03 10.08 -4.16	200.82 12.82 -53.18	239.93 15.52 -61.08	156.26 13.74 10.14	116.00 9.19 8.00	94.52 5.87 2.94	86.33 2.84 0.01	70.83 0.77 0.01	61.02 -1.31 0.02
NORTHPORT___IC 23718	64.46 1.94 0.00	56.11 2.93 0.00	51.65 2.74 0.00	51.29 2.49 0.00	51.05 2.29 0.00	52.55 2.83 0.00	58.65 2.90 0.00	61.91 2.50 0.00	63.56 1.49 0.00	66.00 1.10 0.00	73.11 1.08 0.01	79.79 3.44 0.00	88.09 5.84 0.00	99.03 7.30 0.74	106.92 8.57 1.34	125.15 10.08 -4.28	201.22 12.94 -53.45	240.27 15.52 -61.43	156.43 13.74 9.96	116.00 9.18 8.00	94.65 5.95 2.89	87.09 3.59 0.00	71.47 1.40 0.00	61.35 -1.00 0.02
NORTH___COUNTRY_ESR 323785	63.27 0.75 0.00	53.83 0.64 0.00	49.45 0.54 0.00	49.29 0.49 0.00	49.25 0.49 0.00	50.27 0.55 0.00	56.59 0.84 0.00	60.25 0.83 0.00	62.94 0.87 0.00	65.29 0.39 0.00	71.46 -0.58 0.00	74.60 -1.75 0.00	79.79 -2.47 0.00	88.95 -3.51 0.00	96.01 -3.69 0.00	106.69 -4.10 0.00	129.43 -5.40 0.00	157.77 -5.55 0.00	147.16 -5.49 0.00	110.79 -4.02 0.00	88.75 -2.84 0.00	82.16 -1.34 0.00	69.86 -0.21 0.00	62.80 0.44 0.00
NPX_GEN_1385_PROXY 323591	64.96 2.44 0.00	56.23 3.03 -0.01	51.66 2.74 -0.01	51.28 2.49 0.00	51.05 2.29 0.00	52.70 2.98 0.00	58.82 3.06 0.00	61.73 2.31 0.00	63.31 1.24 0.00	66.39 1.49 0.00	73.62 1.58 0.01	80.63 4.27 0.00	94.91 7.41 -5.25	112.00 9.16 -10.38	134.00 10.46 -23.84	150.11 12.08 -27.25	203.37 15.10 -53.45	242.88 18.13 -61.43	253.56 16.64 -84.26	207.67 11.48 -81.38	183.64 7.78 -84.27	131.83 5.26 -43.07	76.75 2.66 -4.02	61.78 -0.56 0.02
NPX_GEN_CSC 323557	64.89 2.38 0.00	56.28 3.08 -0.01	51.85 2.93 -0.01	51.43 2.63 0.00	51.15 2.39 0.00	52.70 2.98 0.00	58.76 3.01 0.00	61.91 2.50 0.00	63.68 1.61 0.00	66.13 1.23 0.00	73.98 1.95 0.01	80.78 4.43 0.00	89.74 7.48 0.00	102.48 9.71 -0.31	126.64 10.97 -15.98	237.22 12.62 -113.81	247.52 16.17 -96.52	285.82 19.92 -102.58	241.38 18.00 -70.72	217.33 12.40 -90.11	124.11 8.61 -23.91	89.18 5.68 0.00	72.73 2.66 0.00	62.41 0.06 0.02
NSINS_S_GLNS_FALLS 23858	65.46 2.94 0.00	55.53 2.34 0.00	50.97 2.05 0.00	50.85 2.05 0.00	50.86 2.10 0.00	51.91 2.19 0.00	58.32 2.56 0.00	61.97 2.55 0.00	64.56 2.48 0.00	67.50 2.60 0.00	74.71 2.67 0.00	79.95 3.59 0.00	86.53 4.28 0.00	97.27 4.81 0.00	104.78 5.08 0.00	129.01 5.98 -12.25	171.20 7.68 -28.69	208.89 10.62 -34.96	190.04 10.84 -26.55	148.01 8.38 -24.82	112.33 6.50 -14.23	96.46 5.09 -7.87	74.13 4.06 0.00	65.48 3.12 0.00
NUCOR_STEEL___DRP 24197	63.27 0.75 0.00	53.46 0.27 0.00	48.91 0.00 0.00	48.65 -0.15 0.00	48.66 -0.10 0.00	49.67 -0.05 0.00	55.87 0.11 0.00	59.83 0.42 0.00	62.69 0.62 0.00	65.87 0.97 0.00	73.77 1.73 0.00	78.42 2.06 0.00	84.06 1.81 0.00	94.22 1.76 0.00	101.39 1.69 0.00	112.56 1.77 0.00	136.98 2.16 0.00	165.28 1.96 0.00	155.40 2.75 0.00	117.45 2.64 0.00	94.25 2.66 0.00	85.67 2.17 0.00	71.05 0.98 0.00	63.05 0.69 0.00
NUMBER_THREE_WT_PWR 323818	65.02 2.50 0.00	54.94 1.75 0.00	50.23 1.32 0.00	50.16 1.36 0.00	50.12 1.36 0.00	51.26 1.54 0.00	57.76 2.00 0.00	61.73 2.31 0.00	64.25 2.17 0.00	66.84 1.95 0.00	74.06 2.01 0.00	78.03 1.68 0.00	83.49 1.24 0.00	93.76 1.29 0.00	100.69 1.00 0.00	112.22 1.44 0.00	136.03 1.21 0.00	166.27 2.94 0.00	156.78 4.12 0.00	119.74 4.93 0.00	95.72 4.13 0.00	87.08 3.59 0.00	73.43 3.36 0.00	65.17 2.81 0.00
NYISO_LBMP_REFERENCE 24008	62.52 0.00 0.00	53.19 0.00 0.00	48.91 0.00 0.00	48.80 0.00 0.00	48.76 0.00 0.00	49.72 0.00 0.00	55.75 0.00 0.00	59.42 0.00 0.00	62.07 0.00 0.00	64.90 0.00 0.00	72.04 0.00 0.00	76.36 0.00 0.00	82.25 0.00 0.00	92.46 0.00 0.00	99.69 0.00 0.00	110.78 0.00 0.00	134.82 0.00 0.00	163.32 0.00 0.00	152.65 0.00 0.00	114.81 0.00 0.00	91.59 0.00 0.00	83.50 0.00 0.00	70.07 0.00 0.00	62.36 0.00 0.00
NYPA_BRENTWD____GT 24164	65.52 3.00 0.00	56.82 3.62 -0.01	52.34 3.42 -0.01	51.92 3.13 0.00	51.69 2.93 0.00	53.20 3.48 0.00	59.32 3.57 0.00	62.74 3.33 0.00	64.56 2.49 0.00	66.98 2.08 0.00	74.77 2.74 0.01	81.62 5.26 0.00	89.98 7.73 0.00	101.74 9.71 0.43	119.78 10.56 -9.53	157.48 12.41 -34.29	215.93 15.77 -65.34	255.26 19.10 -72.83	181.78 16.94 -12.19	145.37 11.72 -18.84	104.19 8.15 -4.45	89.09 5.59 0.00	73.15 3.08 0.00	62.79 0.44 0.02

NYPA_GOWANUS____GT5 24156	63.57 1.06 0.01	55.05 1.86 0.00	51.12 2.20 0.00	51.00 2.20 -0.01	50.86 2.10 0.00	51.65 1.94 0.00	57.48 1.73 0.00	60.71 1.31 0.01	63.09 1.43 0.41	66.43 2.08 0.54	67.68 3.60 7.96	75.60 5.42 6.17	88.99 6.75 0.01	100.04 7.58 0.01	108.66 8.98 0.01	124.36 10.53 -3.05	151.67 13.48 -3.36	184.26 16.01 -4.93	166.68 14.04 0.01	105.19 9.42 19.04	97.62 6.23 0.20	87.83 4.34 0.01	63.05 2.59 9.61	62.28 1.18 1.26
NYPA_GOWANUS____GT6 24157	63.57 1.06 0.01	55.05 1.86 0.00	51.12 2.20 0.00	51.00 2.20 -0.01	50.86 2.10 0.00	51.65 1.94 0.00	57.48 1.73 0.00	60.71 1.31 0.01	63.09 1.43 0.41	66.43 2.08 0.54	67.68 3.60 7.96	75.60 5.42 6.17	88.99 6.75 0.01	100.04 7.58 0.01	108.66 8.98 0.01	124.36 10.53 -3.05	151.67 13.48 -3.36	184.26 16.01 -4.93	166.68 14.04 0.01	105.19 9.42 19.04	97.62 6.23 0.20	87.83 4.34 0.01	63.05 2.59 9.61	62.28 1.18 1.26
NYPA_HARLEM__RVR__GT1 24160	63.52 1.00 -0.01	55.06 1.86 -0.01	51.07 2.15 -0.01	50.95 2.14 -0.01	50.82 2.05 -0.01	51.76 2.04 -0.01	57.70 1.95 0.00	60.78 1.37 0.01	63.37 1.31 0.01	66.84 1.95 0.01	75.28 3.24 0.01	81.39 5.04 0.01	88.51 6.25 -0.01	99.59 7.12 -0.01	108.17 8.47 -0.01	123.60 9.75 -3.06	150.60 12.40 -3.38	183.13 14.86 -4.94	165.63 12.97 -0.01	123.54 8.72 -0.01	97.28 5.68 -0.01	87.35 3.84 -0.01	72.32 2.24 -0.01	63.36 0.99 -0.01
NYPA_HARLEM__RVR__GT2 24161	63.52 1.00 -0.01	55.06 1.86 -0.01	51.07 2.15 -0.01	50.95 2.14 -0.01	50.82 2.05 -0.01	51.76 2.04 -0.01	57.70 1.95 0.00	60.78 1.37 0.01	63.37 1.31 0.01	66.84 1.95 0.01	75.28 3.24 0.01	81.39 5.04 0.01	88.51 6.25 -0.01	99.59 7.12 -0.01	108.17 8.47 -0.01	123.60 9.75 -3.06	150.60 12.40 -3.38	183.13 14.86 -4.94	165.63 12.97 -0.01	123.54 8.72 -0.01	97.28 5.68 -0.01	87.35 3.84 -0.01	72.32 2.24 -0.01	63.36 0.99 -0.01
NYPA_KENT____GT 24152	62.85 1.00 0.67	55.00 1.81 0.00	51.01 2.10 0.00	50.90 2.10 -0.01	50.76 2.00 0.00	51.65 1.94 0.00	57.54 1.78 0.00	60.71 1.31 0.01	63.02 1.36 0.41	66.37 2.01 0.54	67.47 3.39 7.96	75.38 5.19 6.17	88.74 6.50 0.01	99.76 7.30 0.01	108.46 8.78 0.01	124.13 10.30 -3.05	148.84 13.22 -0.80	183.93 15.68 -4.93	159.54 13.74 6.86	101.41 9.07 22.47	89.56 5.95 7.98	79.07 4.09 8.52	62.84 2.38 9.61	62.16 1.06 1.26
NYPA_POUCH1____GT 24155	53.04 0.69 10.17	52.89 1.54 1.84	50.92 2.01 0.00	50.85 2.05 -0.01	50.71 1.95 0.00	51.46 1.74 0.00	52.70 1.45 4.50	52.42 1.01 8.01	52.65 1.12 10.54	54.57 1.75 12.08	55.87 3.17 19.34	57.44 5.04 23.96	72.77 6.33 15.82	73.63 7.02 25.85	82.20 8.47 25.96	108.67 9.97 12.09	119.93 12.82 27.71	157.03 15.19 21.49	142.46 13.27 23.47	102.66 8.96 21.11	76.43 5.77 20.93	61.36 3.84 25.97	56.06 2.17 16.19	54.95 0.87 8.28
NYPA_VERNON____GT2 24162	62.13 0.94 1.33	54.94 1.75 0.00	50.92 2.01 0.00	50.76 1.95 -0.01	50.66 1.90 0.00	51.61 1.89 0.00	57.54 1.78 0.00	60.78 1.37 0.01	62.96 1.31 0.41	66.30 1.95 0.54	67.40 3.32 7.96	75.22 5.04 6.17	88.58 6.33 0.01	99.67 7.22 0.01	108.26 8.57 0.01	124.02 10.19 -3.05	146.00 12.94 1.77	183.77 15.52 -4.93	152.38 13.44 13.71	97.76 8.84 25.89	81.61 5.77 15.75	70.39 3.93 17.03	62.70 2.24 9.61	62.04 0.94 1.26
NYPA_VERNON____GT3 24163	62.13 0.94 1.33	54.94 1.75 0.00	50.92 2.01 0.00	50.76 1.95 -0.01	50.66 1.90 0.00	51.61 1.89 0.00	57.54 1.78 0.00	60.78 1.37 0.01	62.96 1.31 0.41	66.30 1.95 0.54	67.40 3.32 7.96	75.22 5.04 6.17	88.58 6.33 0.01	99.67 7.22 0.01	108.26 8.57 0.01	124.02 10.19 -3.05	146.00 12.94 1.77	183.77 15.52 -4.93	152.38 13.44 13.71	97.76 8.84 25.89	81.61 5.77 15.75	70.39 3.93 17.03	62.70 2.24 9.61	62.04 0.94 1.26
NYPA____ASTORIA_CC1 323568	61.68 0.75 1.59	54.84 1.65 0.00	50.87 1.96 0.00	50.76 1.95 -0.01	50.61 1.85 0.00	51.56 1.84 0.00	57.42 1.67 0.00	60.60 1.19 0.01	62.78 1.12 0.41	66.11 1.75 0.54	67.11 3.03 7.96	75.00 4.81 6.17	88.33 6.09 0.01	99.39 6.94 0.01	107.95 8.27 0.01	123.58 9.75 -3.05	144.57 12.54 2.80	183.11 14.86 -4.93	149.01 12.82 16.46	96.04 8.50 27.27	78.21 5.50 18.88	66.64 3.59 20.45	62.49 2.03 9.61	61.85 0.75 1.26
NYPA____ASTORIA_CC2 323569	61.68 0.75 1.59	54.84 1.65 0.00	50.87 1.96 0.00	50.76 1.95 -0.01	50.61 1.85 0.00	51.56 1.84 0.00	57.42 1.67 0.00	60.60 1.19 0.01	62.78 1.12 0.41	66.11 1.75 0.54	67.11 3.03 7.96	75.00 4.81 6.17	88.33 6.09 0.01	99.39 6.94 0.01	107.95 8.27 0.01	123.58 9.75 -3.05	144.57 12.54 2.80	183.11 14.86 -4.93	149.01 12.82 16.46	96.04 8.50 27.27	78.21 5.50 18.88	66.64 3.59 20.45	62.49 2.03 9.61	61.85 0.75 1.26
NYPA____HOLTSVILL 23794	65.02 2.50 0.00	56.39 3.19 -0.01	52.00 3.08 -0.01	51.58 2.78 0.00	51.34 2.58 0.00	52.85 3.13 0.00	58.93 3.18 0.00	62.21 2.79 0.00	64.00 1.93 0.00	66.39 1.49 0.00	74.05 2.01 0.01	80.78 4.43 0.00	89.49 7.24 0.00	102.00 9.25 -0.29	125.87 10.46 -15.72	234.86 12.08 -112.00	245.99 15.36 -95.80	283.66 18.45 -101.89	238.53 16.49 -69.39	214.79 11.48 -88.50	122.94 7.88 -23.46	88.67 5.18 0.00	72.58 2.52 0.00	62.28 -0.06 0.02
NYPA____HELLGATE_GT1 24158	63.52 1.00 -0.01	55.06 1.86 -0.01	51.07 2.15 -0.01	50.95 2.14 -0.01	50.82 2.05 -0.01	51.76 2.04 -0.01	57.70 1.95 0.00	60.78 1.37 0.01	63.37 1.31 0.01	66.84 1.95 0.01	75.28 3.24 0.01	81.39 5.04 0.01	88.51 6.25 -0.01	99.59 7.12 -0.01	108.17 8.47 -0.01	123.60 9.75 -3.06	150.60 12.40 -3.38	183.13 14.86 -4.94	165.63 12.97 -0.01	123.54 8.72 -0.01	97.28 5.68 -0.01	87.35 3.84 -0.01	72.32 2.24 -0.01	63.36 0.99 -0.01
NYPA____HELLGATE_GT2 24159	63.52 1.00 -0.01	55.06 1.86 -0.01	51.07 2.15 -0.01	50.95 2.14 -0.01	50.82 2.05 -0.01	51.76 2.04 -0.01	57.70 1.95 0.00	60.78 1.37 0.01	63.37 1.31 0.01	66.84 1.95 0.01	75.28 3.24 0.01	81.39 5.04 0.01	88.51 6.25 -0.01	99.59 7.12 -0.01	108.17 8.47 -0.01	123.60 9.75 -3.06	150.60 12.40 -3.38	183.13 14.86 -4.94	165.63 12.97 -0.01	123.54 8.72 -0.01	97.28 5.68 -0.01	87.35 3.84 -0.01	72.32 2.24 -0.01	63.36 0.99 -0.01
NYS_BARGE____HYD 23848	63.77 1.25 0.00	52.82 -0.37 0.00	47.88 -1.03 0.00	47.38 -1.42 0.00	47.45 -1.31 0.00	48.38 -1.34 0.00	54.41 -1.34 0.00	58.29 -1.13 0.00	62.26 0.19 0.00	65.81 0.91 0.00	74.63 2.59 0.00	78.34 1.98 0.00	83.73 1.48 0.00	93.76 1.29 0.00	99.79 0.10 0.00	110.45 -0.33 0.00	133.21 -1.61 0.00	157.77 -5.55 0.00	149.44 -3.21 0.00	114.58 -0.23 0.00	94.25 2.66 0.00	85.66 2.17 0.00	70.49 0.42 0.00	63.36 0.99 0.00
OAK ORCHARD____HYD 24046	63.89 1.37 0.00	53.40 0.21 0.00	48.67 -0.24 0.00	48.21 -0.58 0.00	48.18 -0.58 0.00	49.27 -0.45 0.00	55.48 -0.28 0.00	59.60 0.18 0.00	63.31 1.24 0.00	66.84 1.95 0.00	75.50 3.46 0.00	79.64 3.28 0.00	85.21 2.96 0.00	95.61 3.15 0.00	102.39 2.69 0.00	113.22 2.43 0.00	137.11 2.29 0.00	164.14 0.82 0.00	154.49 1.84 0.00	117.45 2.64 0.00	95.44 3.85 0.00	86.59 3.09 0.00	71.54 1.47 0.00	63.54 1.18 0.00

OAKDALE___35_KV_LOAD 356122	63.14 0.63 0.00	53.35 0.16 0.00	48.86 -0.05 0.00	48.75 -0.05 0.00	48.71 -0.05 0.00	49.67 -0.05 0.00	55.81 0.06 0.00	59.71 0.30 0.00	62.63 0.56 0.00	65.94 1.04 0.00	73.92 1.87 0.00	78.72 2.37 0.00	84.47 2.22 0.00	94.78 2.31 0.00	102.09 2.39 0.00	113.33 2.55 0.00	138.06 3.24 0.00	166.26 2.94 0.00	156.16 3.51 0.00	118.03 3.21 0.00	94.62 3.02 0.00	86.00 2.50 0.00	71.12 1.05 0.00	63.11 0.75 0.00
OCC_CHEM___DRP 24175	62.39 -0.13 0.00	51.65 -1.54 0.00	46.86 -2.05 0.00	46.41 -2.39 0.00	46.47 -2.29 0.00	47.33 -2.39 0.00	53.30 -2.45 0.00	57.34 -2.08 0.00	61.39 -0.68 0.00	64.96 0.06 0.00	73.55 1.51 0.00	77.12 0.76 0.00	82.17 -0.08 0.00	91.45 -1.02 0.00	98.20 -1.50 0.00	108.46 -2.33 0.00	130.64 -4.18 0.00	154.18 -9.15 0.00	146.39 -6.26 0.00	112.06 -2.76 0.00	92.23 0.64 0.00	84.08 0.58 0.00	68.88 -1.19 0.00	62.11 -0.25 0.00
OH_GEN_PROXY 24063	62.90 0.38 0.00	52.23 -0.96 0.00	47.35 -1.57 0.00	46.89 -1.90 0.00	46.96 -1.80 0.00	47.83 -1.89 0.00	53.86 -1.90 0.00	57.93 -1.48 0.00	61.95 -0.12 0.00	65.55 0.65 0.00	74.20 2.16 0.00	77.88 1.53 0.00	83.24 0.99 0.00	93.20 0.74 0.00	99.30 -0.40 0.00	109.89 -0.89 0.00	132.53 -2.29 0.00	157.12 -6.21 0.00	148.54 -4.11 0.00	113.89 -0.92 0.00	93.52 1.93 0.00	85.08 1.58 0.00	70.00 -0.07 0.00	62.67 0.31 0.00
OLIN_CORP_DRP 24177	63.27 0.75 0.00	52.34 -0.85 0.00	47.54 -1.37 0.00	47.09 -1.71 0.00	47.10 -1.66 0.00	48.03 -1.69 0.00	53.91 -1.84 0.00	57.58 -1.84 0.00	61.64 -0.43 0.00	65.16 0.26 0.00	73.84 1.80 0.00	77.43 1.07 0.00	82.50 0.25 0.00	91.82 -0.65 0.00	98.70 -1.00 0.00	109.12 -1.66 0.00	131.59 -3.24 0.00	155.32 -8.00 0.00	147.46 -5.19 0.00	112.97 -1.84 0.00	92.78 1.19 0.00	84.50 1.00 0.00	69.30 -0.77 0.00	62.86 0.50 0.00
OLIN_CORP_DSASP 323712	62.40 -0.12 0.00	51.76 -1.43 0.00	46.86 -2.05 0.00	46.41 -2.39 0.00	46.47 -2.29 0.00	47.33 -2.39 0.00	53.30 -2.45 0.00	57.40 -2.02 0.00	61.39 -0.68 0.00	64.90 0.00 0.00	73.56 1.52 0.00	77.12 0.76 0.00	82.42 0.16 0.00	92.28 -0.18 0.00	98.20 -1.49 0.00	108.45 -2.33 0.00	130.64 -4.18 0.00	154.66 -8.66 0.00	146.25 -6.41 0.00	112.18 -2.64 0.00	92.51 0.92 0.00	84.16 0.66 0.00	69.30 -0.77 0.00	62.11 -0.25 0.00
ONEIDA_HERK_LFGE 323681	64.58 2.06 0.00	54.68 1.49 0.00	50.08 1.17 0.00	50.02 1.22 0.00	49.98 1.22 0.00	51.06 1.34 0.00	57.42 1.67 0.00	61.38 1.96 0.00	64.00 1.93 0.00	66.84 1.95 0.00	74.42 2.37 0.00	78.95 2.60 0.00	84.47 2.22 0.00	95.24 2.77 0.00	102.39 2.69 0.00	114.00 3.21 0.00	138.32 3.50 0.00	168.39 5.07 0.00	158.14 5.49 0.00	119.63 4.82 0.00	95.44 3.85 0.00	86.67 3.17 0.00	72.88 2.81 0.00	64.54 2.18 0.00
ONEIDA___115KV_TB4 55905	64.65 2.13 0.00	54.68 1.49 0.00	50.09 1.17 0.00	49.97 1.17 0.00	49.93 1.17 0.00	51.01 1.29 0.00	57.37 1.62 0.00	61.32 1.90 0.00	63.94 1.86 0.00	67.11 2.21 0.00	75.00 2.95 0.00	79.79 3.44 0.00	84.80 2.55 0.00	95.61 3.14 0.00	102.98 3.29 0.00	114.55 3.77 0.00	139.14 4.31 0.00	168.88 5.55 0.00	158.45 5.80 0.00	119.52 4.71 0.00	95.35 3.76 0.00	86.50 3.01 0.00	72.87 2.80 0.00	64.48 2.12 0.00
ONONDAGA_REF_OCCRA 23987	62.33 -0.19 0.00	52.76 -0.43 0.00	48.33 -0.59 0.00	48.11 -0.68 0.00	48.13 -0.63 0.00	49.12 -0.60 0.00	55.20 -0.56 0.00	59.12 -0.30 0.00	61.95 -0.12 0.00	65.16 0.26 0.00	72.91 0.86 0.00	77.50 1.15 0.00	83.16 0.90 0.00	93.39 0.92 0.00	100.59 0.90 0.00	111.67 0.89 0.00	135.90 1.08 0.00	164.14 0.82 0.00	153.87 1.22 0.00	116.07 1.26 0.00	92.88 1.28 0.00	84.41 0.92 0.00	70.21 0.14 0.00	62.24 -0.12 0.00
ONONDAGA___COGEN 23986	62.27 -0.25 0.00	52.71 -0.48 0.00	48.28 -0.64 0.00	48.07 -0.73 0.00	48.03 -0.73 0.00	49.02 -0.70 0.00	55.08 -0.67 0.00	59.00 -0.42 0.00	61.83 -0.25 0.00	64.96 0.06 0.00	72.62 0.58 0.00	77.20 0.84 0.00	82.83 0.58 0.00	92.93 0.46 0.00	100.09 0.40 0.00	111.12 0.33 0.00	135.09 0.27 0.00	163.16 -0.16 0.00	152.96 0.31 0.00	115.39 0.57 0.00	92.42 0.82 0.00	84.00 0.50 0.00	69.93 -0.14 0.00	61.99 -0.37 0.00
ONTARIO___LFGE 23819	64.14 1.62 0.00	53.78 0.59 0.00	49.21 0.30 0.00	48.90 0.10 0.00	48.91 0.15 0.00	49.82 0.10 0.00	56.20 0.44 0.00	60.37 0.95 0.00	63.50 1.43 0.00	66.84 1.95 0.00	75.21 3.17 0.00	79.80 3.44 0.00	85.46 3.20 0.00	95.51 3.05 0.00	101.79 2.10 0.00	113.00 2.21 0.00	137.38 2.56 0.00	165.44 2.12 0.00	155.86 3.21 0.00	118.59 3.78 0.00	96.17 4.58 0.00	87.34 3.84 0.00	72.17 2.10 0.00	63.98 1.62 0.00
ORANGEVILLE_WT_PWR 323706	63.96 1.44 0.00	53.03 -0.16 0.00	48.08 -0.83 0.00	47.68 -1.12 0.00	47.69 -1.07 0.00	48.62 -1.09 0.00	54.92 -0.83 0.00	59.00 -0.41 0.00	62.45 0.37 0.00	65.93 1.04 0.00	74.49 2.45 0.00	78.49 2.13 0.00	84.06 1.81 0.00	94.13 1.67 0.00	100.29 0.60 0.00	111.12 0.33 0.00	134.69 -0.13 0.00	160.39 -2.94 0.00	152.20 -0.46 0.00	116.99 2.18 0.00	95.81 4.22 0.00	87.08 3.59 0.00	71.61 1.54 0.00	63.92 1.56 0.00
ORANGEVILLE___ESR 323794	63.96 1.44 0.00	53.03 -0.16 0.00	48.08 -0.83 0.00	47.68 -1.12 0.00	47.69 -1.07 0.00	48.62 -1.09 0.00	54.92 -0.83 0.00	59.00 -0.41 0.00	62.45 0.37 0.00	65.93 1.04 0.00	74.49 2.45 0.00	78.49 2.13 0.00	84.06 1.81 0.00	94.13 1.67 0.00	100.29 0.60 0.00	111.12 0.33 0.00	134.69 -0.13 0.00	160.39 -2.94 0.00	152.20 -0.46 0.00	116.99 2.18 0.00	95.81 4.22 0.00	87.08 3.59 0.00	71.61 1.54 0.00	63.92 1.56 0.00
OSWEGATCHIE___HYD 24044	64.77 2.25 0.00	55.00 1.81 0.00	50.33 1.42 0.00	50.21 1.42 0.00	50.22 1.46 0.00	51.31 1.59 0.00	57.87 2.12 0.00	61.62 2.20 0.00	64.12 2.05 0.00	66.39 1.49 0.00	73.12 1.08 0.00	76.20 -0.15 0.00	81.43 -0.82 0.00	90.98 -1.48 0.00	97.59 -2.10 0.00	108.68 -2.11 0.00	131.59 -3.24 0.00	161.04 -2.29 0.00	151.43 -1.23 0.00	115.04 0.23 0.00	92.05 0.46 0.00	84.33 0.83 0.00	71.75 1.68 0.00	64.17 1.81 0.00
OSWEGO___5 23606	61.33 -1.19 0.00	51.97 -1.22 0.00	47.69 -1.22 0.00	47.48 -1.32 0.00	47.45 -1.31 0.00	48.42 -1.29 0.00	54.41 -1.34 0.00	58.11 -1.31 0.00	60.83 -1.24 0.00	63.86 -1.04 0.00	71.32 -0.72 0.00	75.74 -0.61 0.00	81.43 -0.82 0.00	91.54 -0.92 0.00	98.50 -1.19 0.00	109.34 -1.44 0.00	132.94 -1.89 0.00	160.70 -2.62 0.00	150.52 -2.14 0.00	113.55 -1.26 0.00	90.96 -0.64 0.00	82.66 -0.83 0.00	68.95 -1.12 0.00	61.17 -1.19 0.00
OSWEGO___6 23613	61.33 -1.19 0.00	51.97 -1.22 0.00	47.69 -1.22 0.00	47.48 -1.32 0.00	47.45 -1.31 0.00	48.42 -1.29 0.00	54.41 -1.34 0.00	58.11 -1.31 0.00	60.83 -1.24 0.00	63.86 -1.04 0.00	71.32 -0.72 0.00	75.74 -0.61 0.00	81.43 -0.82 0.00	91.54 -0.92 0.00	98.50 -1.19 0.00	109.34 -1.44 0.00	132.94 -1.89 0.00	160.70 -2.62 0.00	150.52 -2.14 0.00	113.55 -1.26 0.00	90.96 -0.64 0.00	82.66 -0.83 0.00	68.95 -1.12 0.00	61.17 -1.19 0.00

OUTOKUMPU-AB___DRP 24206	64.08 1.56 0.00	53.19 0.00 0.00	48.18 -0.73 0.00	47.72 -1.07 0.00	47.74 -1.02 0.00	48.67 -1.04 0.00	54.86 -0.89 0.00	59.00 -0.42 0.00	62.94 0.87 0.00	66.59 1.69 0.00	75.50 3.46 0.00	79.33 2.98 0.00	84.64 2.39 0.00	94.22 1.76 0.00	101.29 1.60 0.00	111.78 1.00 0.00	134.82 0.00 0.00	159.08 -4.25 0.00	151.13 -1.53 0.00	115.61 0.80 0.00	94.98 3.39 0.00	86.50 3.01 0.00	70.84 0.77 0.00	63.73 1.37 0.00
OXBOW___BTM 323836	63.39 0.87 0.00	52.61 -0.58 0.00	47.59 -1.32 0.00	47.14 -1.66 0.00	47.20 -1.56 0.00	48.08 -1.64 0.00	54.19 -1.56 0.00	58.41 -1.01 0.00	62.32 0.25 0.00	65.93 1.04 0.00	74.78 2.74 0.00	78.42 2.06 0.00	83.90 1.64 0.00	94.03 1.57 0.00	100.09 0.40 0.00	109.89 -0.89 0.00	132.53 -2.29 0.00	156.62 -6.70 0.00	148.38 -4.27 0.00	113.66 -1.15 0.00	94.15 2.56 0.00	85.58 2.09 0.00	70.49 0.42 0.00	63.11 0.75 0.00
OXBOW___ 24026	63.40 0.88 0.00	52.55 -0.64 0.00	47.59 -1.32 0.00	47.14 -1.66 0.00	47.20 -1.56 0.00	48.08 -1.64 0.00	54.19 -1.56 0.00	58.35 -1.07 0.00	62.32 0.25 0.00	65.94 1.04 0.00	74.78 2.74 0.00	78.42 2.06 0.00	83.65 1.40 0.00	93.11 0.65 0.00	100.09 0.40 0.00	109.90 -0.89 0.00	132.40 -2.43 0.00	156.30 -7.02 0.00	148.38 -4.27 0.00	113.66 -1.15 0.00	93.88 2.29 0.00	85.50 2.00 0.00	70.07 0.00 0.00	63.11 0.75 0.00
OXY_CHEM_DSASP 323612	62.39 -0.13 0.00	51.65 -1.54 0.00	46.86 -2.05 0.00	46.41 -2.39 0.00	46.47 -2.29 0.00	47.33 -2.39 0.00	53.30 -2.45 0.00	57.34 -2.08 0.00	61.39 -0.68 0.00	64.96 0.06 0.00	73.55 1.51 0.00	77.12 0.76 0.00	82.17 -0.08 0.00	91.45 -1.02 0.00	98.20 -1.50 0.00	108.46 -2.33 0.00	130.64 -4.18 0.00	154.18 -9.15 0.00	146.39 -6.26 0.00	112.06 -2.76 0.00	92.23 0.64 0.00	84.08 0.58 0.00	68.88 -1.19 0.00	62.11 -0.25 0.00
OZONE_PARK_ESR 323760	64.52 2.00 0.00	55.53 2.34 0.00	51.16 2.25 0.00	50.99 2.20 0.00	50.91 2.15 0.00	51.95 2.24 0.00	58.21 2.45 0.00	61.79 2.38 0.00	64.43 2.36 0.00	68.14 3.24 0.00	76.80 4.75 0.00	83.00 6.64 0.00	90.23 7.98 0.00	101.62 9.15 0.00	110.46 10.77 0.00	126.47 12.63 -3.05	154.24 16.04 -3.37	187.69 19.44 -4.93	169.45 16.79 0.00	126.18 11.37 0.00	99.20 7.60 0.00	89.26 5.76 0.00	73.85 3.78 0.00	64.48 2.12 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	62.39 -0.13 0.00	51.65 -1.54 0.00	46.86 -2.05 0.00	46.41 -2.39 0.00	46.47 -2.29 0.00	47.33 -2.39 0.00	53.30 -2.45 0.00	57.34 -2.08 0.00	61.39 -0.68 0.00	64.96 0.06 0.00	73.55 1.51 0.00	77.12 0.76 0.00	82.17 -0.08 0.00	91.45 -1.02 0.00	98.20 -1.50 0.00	108.46 -2.33 0.00	130.64 -4.18 0.00	154.18 -9.15 0.00	146.39 -6.26 0.00	112.06 -2.76 0.00	92.23 0.64 0.00	84.08 0.58 0.00	68.88 -1.19 0.00	62.11 -0.25 0.00
PACKARD___115KV_DUPONT_184 80571	62.39 -0.13 0.00	51.65 -1.54 0.00	46.86 -2.05 0.00	46.41 -2.39 0.00	46.47 -2.29 0.00	47.33 -2.39 0.00	53.30 -2.45 0.00	57.34 -2.08 0.00	61.39 -0.68 0.00	64.96 0.06 0.00	73.55 1.51 0.00	77.12 0.76 0.00	82.17 -0.08 0.00	91.45 -1.02 0.00	98.20 -1.50 0.00	108.46 -2.33 0.00	130.64 -4.18 0.00	154.18 -9.15 0.00	146.39 -6.26 0.00	112.06 -2.76 0.00	92.23 0.64 0.00	84.08 0.58 0.00	68.88 -1.19 0.00	62.11 -0.25 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	63.47 0.94 -0.01	55.01 1.81 -0.01	51.07 2.15 -0.01	50.90 2.10 0.00	50.82 2.05 -0.01	51.71 1.99 -0.01	57.70 1.95 0.00	60.72 1.31 0.00	63.31 1.24 0.01	66.90 2.01 0.01	75.35 3.31 0.01	81.39 5.04 0.01	88.52 6.25 -0.02	99.51 7.03 -0.02	108.18 8.47 -0.02	123.82 9.97 -3.07	151.01 12.81 -3.38	183.63 15.35 -4.95	165.79 13.13 -0.01	123.54 8.73 -0.01	97.10 5.50 -0.01	87.34 3.84 -0.01	72.46 2.38 -0.01	63.37 1.00 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	64.84 2.31 -0.01	56.12 2.93 -0.01	52.10 3.18 -0.01	51.92 3.12 0.00	51.84 3.07 -0.01	52.76 3.03 -0.01	58.82 3.07 0.00	61.91 2.50 0.00	64.61 2.55 0.01	68.27 3.37 0.01	76.93 4.90 0.01	83.14 6.80 0.01	90.33 8.06 -0.02	101.63 9.15 -0.02	110.48 10.77 -0.02	126.37 12.52 -3.07	154.11 15.91 -3.38	187.55 19.27 -4.95	169.45 16.79 -0.01	126.42 11.60 -0.01	99.39 7.79 -0.01	89.43 5.93 -0.01	74.14 4.06 -0.01	64.80 2.43 -0.01
PATROON___115KV_TB1 80586	62.64 0.13 0.00	53.46 0.27 0.00	49.25 0.34 0.00	49.24 0.44 0.00	49.20 0.44 0.00	50.12 0.40 0.00	56.14 0.39 0.00	59.66 0.24 0.00	62.14 0.06 0.00	65.22 0.32 0.00	72.83 0.79 0.00	78.19 1.83 0.00	84.55 2.30 0.00	95.33 2.87 0.00	102.88 3.19 0.00	117.13 3.66 -2.69	124.78 4.85 14.90	156.00 6.21 13.52	126.57 5.19 31.28	89.24 3.67 29.24	77.12 2.29 16.76	75.81 1.59 9.27	70.98 0.91 0.00	62.61 0.25 0.00
PATTRSNVILLE___SOLAR 323815	64.52 2.00 0.00	54.89 1.70 0.00	50.48 1.56 0.00	50.41 1.61 0.00	50.42 1.66 0.00	51.41 1.69 0.00	57.59 1.84 0.00	61.02 1.60 0.00	63.31 1.24 0.00	65.93 1.04 0.00	73.27 1.22 0.00	78.27 1.91 0.00	84.72 2.47 0.00	95.51 3.05 0.00	103.28 3.58 0.00	122.01 4.32 -6.91	148.38 5.93 -7.63	182.65 8.16 -11.17	160.74 8.09 0.00	121.12 6.31 0.00	96.54 4.94 0.00	87.34 3.84 0.00	72.94 2.87 0.00	64.42 2.05 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	64.21 1.69 0.00	53.19 0.00 0.00	48.18 -0.73 0.00	47.77 -1.02 0.00	47.79 -0.98 0.00	48.77 -0.94 0.00	55.03 -0.72 0.00	59.42 0.00 0.00	63.38 1.30 0.00	67.11 2.21 0.00	76.00 3.96 0.00	80.17 3.82 0.00	85.71 3.45 0.00	95.61 3.14 0.00	102.68 2.99 0.00	113.77 2.99 0.00	137.92 3.10 0.00	163.16 -0.16 0.00	155.10 2.44 0.00	118.60 3.79 0.00	96.63 5.04 0.00	87.84 4.34 0.00	71.68 1.61 0.00	64.17 1.81 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	64.46 1.94 0.00	55.10 1.91 0.00	50.77 1.86 0.00	50.60 1.81 0.00	50.56 1.80 0.00	51.66 1.94 0.00	58.04 2.29 0.00	61.62 2.20 0.00	64.31 2.23 0.00	67.69 2.79 0.00	76.51 4.47 0.00	82.47 6.11 0.00	89.65 7.40 0.00	101.16 8.69 0.00	109.76 10.07 0.00	125.22 11.63 -2.81	153.16 15.24 -3.10	186.64 18.78 -4.54	168.83 16.18 0.00	125.95 11.14 0.00	99.10 7.51 0.00	89.17 5.68 0.00	73.71 3.64 0.00	64.48 2.12 0.00
PEEKSKILL___ 23653	63.52 1.00 0.00	54.52 1.33 0.00	50.23 1.32 0.00	50.12 1.32 0.00	50.03 1.27 0.00	51.06 1.34 0.00	57.20 1.45 0.00	60.79 1.37 0.00	63.38 1.31 0.00	66.71 1.81 0.00	75.14 3.10 0.00	81.09 4.74 0.00	88.18 5.93 0.00	99.49 7.02 0.00	107.96 8.27 0.00	123.52 9.75 -2.99	150.66 12.54 -3.30	183.16 15.02 -4.82	165.78 13.13 0.00	123.77 8.96 0.00	97.54 5.95 0.00	87.67 4.17 0.00	72.45 2.38 0.00	63.48 1.12 0.00
PGE MADISON___WINDPWR 24146	67.96 5.44 0.00	57.07 3.88 0.00	52.00 3.08 0.00	51.92 3.13 0.00	51.98 3.22 0.00	53.25 3.53 0.00	60.22 4.46 0.00	64.70 5.29 0.00	67.29 5.21 0.00	70.67 5.77 0.00	79.25 7.20 0.00	84.53 8.17 0.00	90.23 7.98 0.00	102.17 9.71 0.00	109.76 10.06 0.00	122.20 11.41 0.00	148.30 13.48 0.00	180.47 17.14 0.00	170.51 17.85 0.00	128.70 13.89 0.00	102.95 11.36 0.00	93.01 9.51 0.00	76.94 6.87 0.00	67.91 5.55 0.00

PIERCEFIELD___HYD 23852	64.27 1.75 0.00	54.84 1.65 0.00	50.33 1.42 0.00	50.16 1.37 0.00	50.17 1.41 0.00	51.21 1.49 0.00	57.76 2.01 0.00	61.26 1.84 0.00	63.81 1.74 0.00	65.68 0.78 0.00	71.68 -0.36 0.00	73.91 -2.44 0.00	79.21 -3.04 0.00	88.40 -4.07 0.00	93.91 -5.78 0.00	104.36 -6.43 0.00	126.60 -8.22 0.00	154.83 -8.49 0.00	144.87 -7.79 0.00	109.53 -5.28 0.00	88.48 -3.11 0.00	81.32 -2.17 0.00	69.93 -0.14 0.00	63.17 0.81 0.00
PINELAWN_CC_1 323563	65.02 2.50 0.00	56.33 3.14 -0.01	51.90 2.98 -0.01	51.48 2.68 0.00	51.25 2.49 0.00	52.70 2.98 0.00	58.82 3.06 0.00	62.27 2.85 0.00	64.12 2.05 0.00	66.00 1.10 0.00	73.55 1.52 0.01	80.25 3.89 0.00	88.59 6.33 0.00	100.11 8.14 0.49	111.12 9.57 -1.85	142.17 11.31 -20.08	209.50 14.43 -60.25	248.99 17.48 -68.18	170.16 15.58 -1.92	131.37 10.68 -5.88	99.54 6.96 -0.99	87.75 4.26 0.00	71.89 1.82 0.00	62.10 -0.25 0.01
PJM_GEN_HTTP_PROXY 323702	63.77 1.25 0.00	54.84 1.65 0.00	50.58 1.66 0.00	50.46 1.66 0.00	50.37 1.61 0.00	51.41 1.69 0.00	57.54 1.78 0.00	61.14 1.72 0.00	63.68 1.61 0.00	67.23 2.33 0.00	75.79 3.74 0.00	81.86 5.50 0.00	89.07 6.82 0.00	100.32 7.85 0.00	109.06 9.37 0.00	124.81 10.97 -3.05	152.08 13.89 -3.37	184.92 16.67 -4.93	167.00 14.35 0.00	124.34 9.52 0.00	98.00 6.41 0.00	87.92 4.42 0.00	72.73 2.66 0.00	63.67 1.31 0.00
PJM_GEN_KEystone 24065	54.82 0.25 7.95	49.20 0.00 3.99	43.06 -0.24 5.61	40.18 -0.34 8.28	40.09 -0.34 8.33	43.20 -0.30 6.22	50.43 -0.28 5.05	58.74 -0.12 0.56	54.31 0.25 8.01	63.40 0.78 2.28	70.67 2.01 3.39	77.58 2.90 1.68	84.44 3.29 1.11	94.36 3.70 1.81	101.76 3.88 1.82	115.86 4.54 -0.53	140.20 5.79 0.42	169.76 5.71 -0.72	156.66 5.65 1.64	118.04 4.71 1.48	94.15 4.03 1.47	85.45 2.84 0.88	68.98 0.98 2.07	62.22 0.44 0.58
PJM_GEN_NEPTUNE_PROXY 323594	64.21 1.69 0.00	55.59 2.40 -0.01	51.22 2.30 -0.01	50.89 2.10 0.00	50.66 1.90 0.00	52.05 2.34 0.00	58.04 2.29 0.00	61.50 2.08 0.00	63.38 1.31 0.00	65.93 1.04 0.00	74.05 2.01 0.01	80.55 4.20 0.00	88.75 6.50 0.00	99.78 8.14 0.82	109.18 9.48 -0.01	134.39 10.97 -12.63	204.44 14.02 -55.60	243.14 16.83 -63.00	163.34 14.97 4.28	125.03 10.21 -0.01	97.56 6.87 0.90	87.75 4.26 0.00	72.10 2.03 0.01	62.28 -0.06 0.02
PJM_GEN_VFT_PROXY 323633	53.10 0.75 10.18	52.67 1.33 1.85	50.27 1.37 0.01	50.16 1.36 0.00	50.07 1.32 0.01	51.10 1.39 0.01	52.64 1.39 4.51	52.66 1.25 8.00	52.72 1.18 10.53	54.64 1.81 12.07	55.88 3.17 19.33	57.30 4.89 23.95	72.60 6.17 15.82	73.72 7.12 25.86	82.30 8.57 25.97	108.76 10.08 12.10	119.92 12.82 27.72	157.17 15.35 21.50	142.31 13.13 23.48	102.31 8.62 21.12	76.33 5.68 20.94	61.27 3.76 25.98	55.98 2.10 16.19	54.88 0.81 8.29
PLATSBURG_115KV_PMLD1 355749	63.46 0.94 0.00	53.93 0.74 0.00	49.55 0.64 0.00	49.38 0.59 0.00	49.35 0.59 0.00	50.36 0.65 0.00	56.76 1.00 0.00	60.49 1.07 0.00	63.19 1.12 0.00	65.61 0.71 0.00	71.90 -0.14 0.00	75.06 -1.30 0.00	80.44 -1.81 0.00	90.06 -2.40 0.00	96.40 -3.29 0.00	107.13 -3.66 0.00	129.97 -4.85 0.00	158.59 -4.74 0.00	147.77 -4.88 0.00	111.48 -3.33 0.00	90.04 -1.56 0.00	82.74 -0.75 0.00	70.21 0.14 0.00	62.98 0.62 0.00
PLEASANTVLY___LBMP 24000	63.33 0.81 0.00	54.31 1.12 0.00	50.04 1.12 0.00	49.97 1.17 0.00	49.88 1.12 0.00	50.91 1.19 0.00	56.98 1.23 0.00	60.55 1.13 0.00	63.07 0.99 0.00	66.46 1.56 0.00	74.64 2.59 0.00	80.48 4.12 0.00	87.35 5.10 0.00	98.47 6.01 0.00	106.87 7.18 0.00	122.60 8.31 -3.51	149.48 10.79 -3.87	181.89 12.90 -5.66	163.95 11.30 0.00	122.39 7.58 0.00	96.54 4.95 0.00	87.09 3.59 0.00	72.24 2.17 0.00	63.30 0.94 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	63.83 1.31 0.00	54.78 1.60 0.00	50.48 1.57 0.00	50.31 1.51 0.00	50.27 1.51 0.00	51.31 1.59 0.00	57.48 1.73 0.00	61.08 1.66 0.00	63.63 1.55 0.00	67.11 2.21 0.00	75.57 3.53 0.00	81.55 5.19 0.00	88.67 6.42 0.00	99.95 7.49 0.00	108.76 9.07 0.00	124.50 10.64 -3.09	151.71 13.48 -3.41	184.64 16.33 -4.99	166.85 14.20 0.00	124.46 9.64 0.00	97.91 6.32 0.00	88.09 4.59 0.00	72.87 2.80 0.00	63.73 1.37 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	63.83 1.31 0.00	54.78 1.60 0.00	50.48 1.57 0.00	50.31 1.51 0.00	50.27 1.51 0.00	51.31 1.59 0.00	57.48 1.73 0.00	61.08 1.66 0.00	63.63 1.55 0.00	67.11 2.21 0.00	75.57 3.53 0.00	81.55 5.19 0.00	88.67 6.42 0.00	99.95 7.49 0.00	108.76 9.07 0.00	124.50 10.64 -3.09	151.71 13.48 -3.41	184.64 16.33 -4.99	166.85 14.20 0.00	124.46 9.64 0.00	97.91 6.32 0.00	88.09 4.59 0.00	72.87 2.80 0.00	63.73 1.37 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	64.08 1.56 0.00	54.84 1.65 0.00	50.48 1.57 0.00	50.36 1.56 0.00	50.32 1.56 0.00	51.31 1.59 0.00	57.54 1.78 0.00	61.14 1.72 0.00	63.75 1.68 0.00	67.17 2.27 0.00	75.57 3.53 0.00	81.40 5.04 0.00	88.34 6.09 0.00	99.58 7.12 0.00	107.97 8.27 0.00	123.21 9.53 -2.89	150.69 12.67 -3.19	183.51 15.52 -4.68	166.39 13.74 0.00	124.23 9.41 0.00	97.91 6.32 0.00	88.34 4.84 0.00	73.15 3.08 0.00	64.04 1.68 0.00
POLETTI_____ 23519	63.65 1.13 0.00	54.78 1.60 0.00	50.53 1.61 0.00	50.36 1.56 0.00	50.27 1.51 0.00	51.36 1.64 0.00	57.54 1.78 0.00	61.01 1.60 0.02	63.55 1.49 0.02	67.15 2.27 0.02	75.70 3.67 0.02	81.76 5.42 0.02	88.91 6.66 0.00	100.05 7.58 0.00	108.76 9.07 0.00	124.58 10.75 -3.05	151.81 13.62 -3.37	184.75 16.50 -4.93	166.70 14.04 0.00	124.11 9.30 0.00	97.55 5.95 0.00	87.75 4.26 0.00	72.73 2.66 0.00	63.55 1.18 0.00
POMONA___ESR 323819	63.46 0.94 0.00	54.41 1.22 0.00	50.14 1.22 0.00	50.02 1.22 0.00	49.93 1.17 0.00	50.96 1.24 0.00	57.09 1.34 0.00	60.67 1.25 0.00	63.25 1.18 0.00	66.65 1.75 0.00	75.07 3.03 0.00	81.09 4.74 0.00	88.09 5.84 0.00	99.31 6.84 0.00	107.76 8.07 0.00	123.01 9.41 -2.81	150.32 12.40 -3.10	182.72 14.86 -4.54	165.62 12.97 0.00	123.65 8.84 0.00	97.46 5.87 0.00	87.59 4.09 0.00	72.38 2.31 0.00	63.42 1.06 0.00
PORT_JEFF_3 23555	65.08 2.56 0.00	56.44 3.24 -0.01	52.00 3.08 -0.01	51.58 2.78 0.00	51.34 2.58 0.00	52.85 3.13 0.00	58.93 3.18 0.00	62.27 2.85 0.00	64.06 1.99 0.00	66.39 1.49 0.00	73.76 1.73 0.01	80.40 4.04 0.00	89.07 6.82 0.00	101.68 8.88 -0.33	125.85 9.87 -16.29	238.34 11.31 -116.25	246.74 14.43 -97.48	284.31 17.48 -103.50	240.76 15.58 -72.52	217.79 10.68 -92.30	123.43 7.33 -24.51	88.25 4.76 0.00	72.37 2.31 0.00	61.91 -0.43 0.02
PORT_JEFF_4 23616	65.08 2.56 0.00	56.44 3.24 -0.01	52.00 3.08 -0.01	51.58 2.78 0.00	51.34 2.58 0.00	52.85 3.13 0.00	58.93 3.18 0.00	62.27 2.85 0.00	64.06 1.99 0.00	66.39 1.49 0.00	73.76 1.73 0.01	80.40 4.04 0.00	89.07 6.82 0.00	101.68 8.88 -0.33	125.85 9.87 -16.29	238.34 11.31 -116.25	246.74 14.43 -97.48	284.31 17.48 -103.50	240.76 15.58 -72.52	217.79 10.68 -92.30	123.43 7.33 -24.51	88.25 4.76 0.00	72.37 2.31 0.00	61.91 -0.43 0.02

PORT_JEFF_IC 23713	65.21 2.69 0.00	56.59 3.40 0.00	52.09 3.18 0.00	51.68 2.88 0.00	51.44 2.68 0.00	52.95 3.23 0.00	59.10 3.35 0.00	62.39 2.97 0.00	64.25 2.17 0.00	66.85 1.95 0.00	74.41 2.38 0.01	80.71 4.35 0.00	89.24 6.99 0.00	101.92 8.97 -0.48	128.20 10.17 -18.34	254.68 11.85 -132.04	253.52 14.97 -103.73	290.77 17.97 -109.49	253.00 16.18 -84.16	232.25 11.02 -106.42	127.48 7.51 -28.37	88.34 4.84 0.00	72.80 2.73 0.00	62.28 -0.06 0.02
PPL PILGRIM_ST_GT1 24216	65.52 3.00 0.00	56.82 3.62 -0.01	52.34 3.42 -0.01	51.92 3.13 0.00	51.69 2.93 0.00	53.20 3.48 0.00	59.32 3.57 0.00	62.74 3.33 0.00	64.56 2.49 0.00	66.98 2.08 0.00	74.77 2.74 0.01	81.62 5.26 0.00	89.98 7.73 0.00	101.74 9.71 0.43	119.78 10.56 -9.53	157.48 12.41 -34.29	215.93 15.77 -65.34	255.26 19.10 -72.83	181.78 16.94 -12.19	145.37 11.72 -18.84	104.19 8.15 -4.45	89.09 5.59 0.00	73.15 3.08 0.00	62.79 0.44 0.02
PPL PILGRIM_ST_GT2 24217	65.52 3.00 0.00	56.82 3.62 -0.01	52.34 3.42 -0.01	51.92 3.13 0.00	51.69 2.93 0.00	53.20 3.48 0.00	59.32 3.57 0.00	62.74 3.33 0.00	64.56 2.49 0.00	66.98 2.08 0.00	74.77 2.74 0.01	81.62 5.26 0.00	89.98 7.73 0.00	101.74 9.71 0.43	119.78 10.56 -9.53	157.48 12.41 -34.29	215.93 15.77 -65.34	255.26 19.10 -72.83	181.78 16.94 -12.19	145.37 11.72 -18.84	104.19 8.15 -4.45	89.09 5.59 0.00	73.15 3.08 0.00	62.79 0.44 0.02
PPL_SHRM_GT3 24213	64.96 2.44 0.00	56.33 3.14 -0.01	51.90 2.98 -0.01	51.48 2.68 0.00	51.20 2.44 0.00	52.80 3.08 0.00	58.82 3.06 0.00	61.55 2.14 0.00	63.31 1.24 0.00	65.68 0.78 0.00	73.47 1.44 0.01	80.32 3.97 0.00	89.24 6.99 0.00	101.89 9.07 -0.36	126.66 10.37 -16.60	241.20 11.97 -118.45	248.55 15.36 -98.36	287.92 20.25 -104.35	245.11 18.31 -74.15	221.71 12.63 -94.27	125.43 8.79 -25.05	89.34 5.84 0.00	72.87 2.81 0.00	62.47 0.12 0.02
PPL_SHRM_GT4 24214	64.96 2.44 0.00	56.33 3.14 -0.01	51.90 2.98 -0.01	51.48 2.68 0.00	51.20 2.44 0.00	52.80 3.08 0.00	58.82 3.06 0.00	61.55 2.14 0.00	63.31 1.24 0.00	65.68 0.78 0.00	73.47 1.44 0.01	80.32 3.97 0.00	89.24 6.99 0.00	101.89 9.07 -0.36	126.66 10.37 -16.60	241.20 11.97 -118.45	248.55 15.36 -98.36	287.92 20.25 -104.35	245.11 18.31 -74.15	221.71 12.63 -94.27	125.43 8.79 -25.05	89.34 5.84 0.00	72.87 2.81 0.00	62.47 0.12 0.02
PROJECT___ORANGE 1 24174	62.08 -0.44 0.00	52.55 -0.64 0.00	48.18 -0.73 0.00	47.97 -0.83 0.00	47.93 -0.83 0.00	48.92 -0.80 0.00	55.03 -0.72 0.00	58.88 -0.53 0.00	61.76 -0.31 0.00	64.96 0.06 0.00	72.76 0.72 0.00	77.43 1.07 0.00	82.99 0.74 0.00	93.11 0.65 0.00	100.39 0.70 0.00	111.45 0.66 0.00	135.50 0.67 0.00	163.49 0.16 0.00	153.11 0.46 0.00	115.61 0.80 0.00	92.51 0.92 0.00	84.08 0.58 0.00	69.93 -0.14 0.00	61.99 -0.37 0.00
PROJECT___ORANGE 2 24166	62.08 -0.44 0.00	52.55 -0.64 0.00	48.18 -0.73 0.00	47.97 -0.83 0.00	47.93 -0.83 0.00	48.92 -0.80 0.00	55.03 -0.72 0.00	58.88 -0.53 0.00	61.76 -0.31 0.00	64.96 0.06 0.00	72.76 0.72 0.00	77.43 1.07 0.00	82.99 0.74 0.00	93.11 0.65 0.00	100.39 0.70 0.00	111.45 0.66 0.00	135.50 0.67 0.00	163.49 0.16 0.00	153.11 0.46 0.00	115.61 0.80 0.00	92.51 0.92 0.00	84.08 0.58 0.00	69.93 -0.14 0.00	61.99 -0.37 0.00
PUCKETT___SOLAR 323809	64.27 1.75 0.00	54.31 1.12 0.00	49.65 0.73 0.00	49.53 0.73 0.00	49.54 0.78 0.00	50.56 0.84 0.00	56.87 1.11 0.00	60.90 1.49 0.00	63.56 1.49 0.00	66.78 1.88 0.00	74.85 2.81 0.00	79.71 3.36 0.00	85.54 3.29 0.00	96.35 3.88 0.00	103.48 3.79 0.00	115.10 4.32 0.00	140.22 5.40 0.00	169.53 6.20 0.00	159.53 6.88 0.00	120.66 5.85 0.00	96.72 5.13 0.00	87.67 4.17 0.00	72.52 2.45 0.00	64.23 1.87 0.00
PYRITES___HYD 24023	65.65 3.13 0.00	55.90 2.71 0.00	51.26 2.35 0.00	51.14 2.34 0.00	51.10 2.34 0.00	52.20 2.49 0.00	58.93 3.18 0.00	62.33 2.91 0.00	64.68 2.61 0.00	66.59 1.69 0.00	72.47 0.43 0.00	74.75 -1.60 0.00	80.03 -2.22 0.00	89.41 -3.05 0.00	95.21 -4.49 0.00	105.80 -4.99 0.00	128.22 -6.61 0.00	157.61 -5.72 0.00	148.07 -4.58 0.00	112.17 -2.64 0.00	90.68 -0.92 0.00	83.33 -0.17 0.00	71.61 1.54 0.00	64.61 2.24 0.00
QUAKERRD_115KV_BK1 80622	62.33 -0.19 0.00	52.18 -1.01 0.00	47.69 -1.22 0.00	47.24 -1.56 0.00	47.25 -1.51 0.00	48.33 -1.39 0.00	54.30 -1.45 0.00	58.35 -1.07 0.00	61.89 -0.19 0.00	65.29 0.39 0.00	73.63 1.58 0.00	77.73 1.37 0.00	83.16 0.90 0.00	92.93 0.46 0.00	100.09 0.40 0.00	110.78 0.00 0.00	134.28 -0.54 0.00	160.87 -2.45 0.00	151.59 -1.07 0.00	114.93 0.11 0.00	92.88 1.28 0.00	84.50 1.00 0.00	69.65 -0.42 0.00	61.99 -0.37 0.00
QUENSBRY_115KV_TB8 356137	65.46 2.94 0.00	55.58 2.39 0.00	50.97 2.05 0.00	50.85 2.05 0.00	50.86 2.10 0.00	51.91 2.19 0.00	58.37 2.62 0.00	62.03 2.61 0.00	64.62 2.55 0.00	67.63 2.73 0.00	74.71 2.67 0.00	80.02 3.67 0.00	86.61 4.36 0.00	97.36 4.90 0.00	104.78 5.08 -11.97	128.73 5.98 -27.63	170.14 7.68 -33.75	207.85 10.78 -25.23	188.87 10.99 -23.59	147.01 8.61 -13.52	111.80 6.69 -7.48	96.15 5.18 0.00	74.27 4.20 0.00	65.54 3.18 0.00
RAMAPO___LBMP 323565	63.21 0.69 0.00	54.25 1.06 0.00	49.99 1.08 0.00	49.87 1.07 0.00	49.78 1.02 0.00	50.81 1.09 0.00	56.92 1.17 0.00	60.49 1.07 0.00	63.00 0.93 0.00	66.46 1.56 0.00	74.71 2.67 0.00	80.71 4.35 0.00	87.60 5.35 0.00	98.66 6.20 0.00	107.17 7.48 -2.75	122.29 8.75 -3.04	149.32 11.46 -4.45	181.65 13.88 0.00	164.71 12.06 0.00	122.96 8.15 0.00	96.81 5.22 0.00	87.25 3.76 0.00	72.17 2.10 0.00	63.23 0.87 0.00
RANKINE____ 23646	64.46 1.94 0.00	53.35 0.16 0.00	48.33 -0.59 0.00	47.92 -0.88 0.00	47.93 -0.83 0.00	48.92 -0.80 0.00	55.14 -0.61 0.00	59.48 0.06 0.00	63.50 1.43 0.00	67.17 2.27 0.00	76.15 4.11 0.00	80.10 3.74 0.00	85.54 3.29 0.00	95.33 2.87 0.00	102.38 2.69 0.00	113.33 2.55 0.00	136.98 2.16 0.00	161.85 -1.47 0.00	153.87 1.22 0.00	117.80 2.99 0.00	96.26 4.67 0.00	87.67 4.17 0.00	71.68 1.61 0.00	64.36 2.00 0.00
RAVENSWOOD_GT2_1 24244	63.77 1.25 0.00	54.94 1.76 0.00	50.62 1.71 0.00	50.51 1.71 0.00	50.42 1.66 0.00	51.46 1.74 0.00	57.65 1.90 0.00	61.14 1.72 0.00	63.69 1.61 0.00	67.30 2.40 0.00	75.79 3.75 0.00	81.85 5.50 0.00	89.00 6.74 0.00	100.14 7.67 0.00	108.76 9.07 -3.05	124.58 10.75 -3.37	151.81 13.62 -4.93	184.75 16.50 0.00	166.85 14.20 0.00	124.23 9.41 0.00	97.64 6.05 0.00	87.84 4.34 0.00	72.80 2.73 0.00	63.67 1.31 0.00
RAVENSWOOD_GT2_2 24245	63.77 1.25 0.00	54.94 1.76 0.00	50.62 1.71 0.00	50.51 1.71 0.00	50.42 1.66 0.00	51.46 1.74 0.00	57.65 1.90 0.00	61.14 1.72 0.00	63.69 1.61 0.00	67.30 2.40 0.00	75.79 3.75 0.00	81.85 5.50 0.00	89.00 6.74 0.00	100.14 7.67 0.00	108.76 9.07 -3.05	124.58 10.75 -3.37	151.81 13.62 -4.93	184.75 16.50 -4.93	166.85 14.20 0.00	124.23 9.41 0.00	97.64 6.05 0.00	87.84 4.34 0.00	72.80 2.73 0.00	63.67 1.31 0.00

RAVENSWOOD_GT2_3 24246	63.83 1.31 0.00	54.94 1.76 0.00	50.67 1.76 0.00	50.51 1.71 0.00	50.47 1.71 0.00	51.51 1.79 0.00	57.65 1.90 0.00	61.20 1.78 0.00	63.75 1.68 0.00	67.30 2.40 0.00	75.86 3.82 0.00	81.93 5.57 0.00	89.08 6.83 0.00	100.23 7.77 0.00	108.86 9.17 0.00	124.69 10.86 -3.05	151.95 13.75 -3.37	184.92 16.66 -4.93	167.00 14.35 0.00	124.34 9.53 0.00	97.73 6.14 0.00	87.92 4.43 0.00	72.87 2.80 0.00	63.73 1.37 0.00
RAVENSWOOD_GT2_4 24247	63.83 1.31 0.00	54.94 1.76 0.00	50.67 1.76 0.00	50.51 1.71 0.00	50.47 1.71 0.00	51.51 1.79 0.00	57.65 1.90 0.00	61.20 1.78 0.00	63.75 1.68 0.00	67.30 2.40 0.00	75.86 3.82 0.00	81.93 5.57 0.00	89.08 6.83 0.00	100.23 7.77 0.00	108.86 9.17 0.00	124.69 10.86 -3.05	151.95 13.75 -3.37	184.92 16.66 -4.93	167.00 14.35 0.00	124.34 9.53 0.00	97.73 6.14 0.00	87.92 4.43 0.00	72.87 2.80 0.00	63.73 1.37 0.00
RAVENSWOOD_GT3_1 24248	63.77 1.25 0.00	54.94 1.76 0.00	50.67 1.76 0.00	50.51 1.71 0.00	50.42 1.66 0.00	51.46 1.74 0.00	57.65 1.90 0.00	61.14 1.72 0.00	63.69 1.61 0.00	67.30 2.40 0.00	75.79 3.75 0.00	81.85 5.50 0.00	89.00 6.74 0.00	100.14 7.67 0.00	108.86 9.17 0.00	124.58 10.75 -3.05	151.81 13.62 -3.37	184.75 16.50 -4.93	166.85 14.20 0.00	124.23 9.41 0.00	97.64 6.05 0.00	87.84 4.34 0.00	72.80 2.73 0.00	63.67 1.31 0.00
RAVENSWOOD_GT3_2 24249	63.77 1.25 0.00	54.94 1.76 0.00	50.67 1.76 0.00	50.51 1.71 0.00	50.42 1.66 0.00	51.46 1.74 0.00	57.65 1.90 0.00	61.14 1.72 0.00	63.69 1.61 0.00	67.30 2.40 0.00	75.79 3.75 0.00	81.85 5.50 0.00	89.00 6.74 0.00	100.14 7.67 0.00	108.86 9.17 0.00	124.58 10.75 -3.05	151.81 13.62 -3.37	184.75 16.50 -4.93	166.85 14.20 0.00	124.23 9.41 0.00	97.64 6.05 0.00	87.84 4.34 0.00	72.80 2.73 0.00	63.67 1.31 0.00
RAVENSWOOD_GT3_3 24250	63.90 1.38 0.00	55.05 1.86 0.00	50.72 1.81 0.00	50.60 1.81 0.00	50.52 1.76 0.00	51.56 1.84 0.00	57.76 2.01 0.00	61.26 1.84 0.00	63.87 1.80 0.00	67.43 2.53 0.00	76.00 3.96 0.00	82.08 5.73 0.00	89.24 6.99 0.00	100.32 7.86 0.00	109.06 9.37 0.00	124.92 11.08 -3.05	152.22 14.02 -3.37	185.24 16.99 -4.93	167.16 14.50 0.00	124.57 9.76 0.00	97.91 6.32 0.00	88.00 4.51 0.00	72.94 2.87 0.00	63.79 1.43 0.00
RAVENSWOOD_GT3_4 24251	63.90 1.38 0.00	55.05 1.86 0.00	50.72 1.81 0.00	50.60 1.81 0.00	50.52 1.76 0.00	51.56 1.84 0.00	57.76 2.01 0.00	61.26 1.84 0.00	63.87 1.80 0.00	67.43 2.53 0.00	76.00 3.96 0.00	82.08 5.73 0.00	89.24 6.99 0.00	100.32 7.86 0.00	109.06 9.37 0.00	124.92 11.08 -3.05	152.22 14.02 -3.37	185.24 16.99 -4.93	167.16 14.50 0.00	124.57 9.76 0.00	97.91 6.32 0.00	88.00 4.51 0.00	72.94 2.87 0.00	63.79 1.43 0.00
RAVENSWOOD_GT_1 23729	62.13 0.94 1.33	54.89 1.70 0.00	50.92 2.01 0.00	50.75 1.95 0.00	50.66 1.90 0.00	51.61 1.89 0.00	57.65 1.90 0.00	60.84 1.43 0.00	62.96 1.30 0.41	66.37 2.01 0.54	67.47 3.39 7.96	75.30 5.12 6.17	88.58 6.33 0.00	99.58 7.12 0.00	108.27 8.57 0.00	124.03 10.19 -3.05	146.00 12.94 1.77	183.77 15.52 -4.93	152.22 13.28 13.71	97.76 8.84 25.89	81.43 5.59 15.75	70.39 3.92 17.03	62.84 2.38 9.61	62.04 0.94 1.26
RAVENSWOOD_GT_10 24258	63.83 1.31 0.00	54.94 1.76 0.00	50.62 1.71 0.00	50.51 1.71 0.00	50.42 1.66 0.00	51.46 1.74 0.00	57.65 1.90 0.00	61.14 1.72 0.00	63.75 1.68 0.00	67.30 2.40 0.00	75.86 3.82 0.00	81.93 5.57 0.00	89.00 6.74 0.00	100.14 7.67 0.00	108.86 9.17 0.00	124.69 10.86 -3.05	151.95 13.75 -3.37	184.75 16.50 -4.93	166.85 14.20 0.00	124.23 9.41 0.00	97.73 6.14 0.00	87.84 4.34 0.00	72.80 2.73 0.00	63.67 1.31 0.00
RAVENSWOOD_GT_11 24259	63.83 1.31 0.00	54.94 1.76 0.00	50.62 1.71 0.00	50.51 1.71 0.00	50.42 1.66 0.00	51.46 1.74 0.00	57.65 1.90 0.00	61.14 1.72 0.00	63.75 1.68 0.00	67.30 2.40 0.00	75.86 3.82 0.00	81.93 5.57 0.00	89.00 6.74 0.00	100.14 7.67 0.00	108.86 9.17 0.00	124.69 10.86 -3.05	151.95 13.75 -3.37	184.75 16.50 -4.93	166.85 14.20 0.00	124.23 9.41 0.00	97.73 6.14 0.00	87.84 4.34 0.00	72.80 2.73 0.00	63.67 1.31 0.00
RAVENSWOOD_GT_4 24252	63.77 1.25 0.00	54.94 1.76 0.00	50.67 1.76 0.00	50.51 1.71 0.00	50.42 1.66 0.00	51.46 1.74 0.00	57.65 1.90 0.00	61.14 1.72 0.00	63.75 1.68 0.00	67.30 2.40 0.00	75.86 3.82 0.00	81.93 5.57 0.00	89.00 6.74 0.00	100.14 7.67 0.00	108.86 9.17 0.00	124.58 10.75 -3.05	151.95 13.75 -3.37	184.75 16.50 -4.93	166.85 14.20 0.00	124.23 9.41 0.00	97.64 6.05 0.00	87.84 4.34 0.00	72.80 2.73 0.00	63.67 1.31 0.00
RAVENSWOOD_GT_5 24254	63.77 1.25 0.00	54.94 1.76 0.00	50.67 1.76 0.00	50.51 1.71 0.00	50.42 1.66 0.00	51.46 1.74 0.00	57.65 1.90 0.00	61.14 1.72 0.00	63.75 1.68 0.00	67.30 2.40 0.00	75.86 3.82 0.00	81.93 5.57 0.00	89.00 6.74 0.00	100.14 7.67 0.00	108.86 9.17 0.00	124.58 10.75 -3.05	151.95 13.75 -3.37	184.75 16.50 -4.93	166.85 14.20 0.00	124.23 9.41 0.00	97.64 6.05 0.00	87.84 4.34 0.00	72.80 2.73 0.00	63.67 1.31 0.00
RAVENSWOOD_GT_6 24253	63.77 1.25 0.00	54.94 1.76 0.00	50.67 1.76 0.00	50.51 1.71 0.00	50.42 1.66 0.00	51.46 1.74 0.00	57.65 1.90 0.00	61.14 1.72 0.00	63.75 1.68 0.00	67.30 2.40 0.00	75.86 3.82 0.00	81.93 5.57 0.00	89.00 6.74 0.00	100.14 7.67 0.00	108.86 9.17 0.00	124.58 10.75 -3.05	151.95 13.75 -3.37	184.75 16.50 -4.93	166.85 14.20 0.00	124.23 9.41 0.00	97.64 6.05 0.00	87.84 4.34 0.00	72.80 2.73 0.00	63.67 1.31 0.00
RAVENSWOOD_GT_7 24255	63.77 1.25 0.00	54.94 1.76 0.00	50.67 1.76 0.00	50.51 1.71 0.00	50.42 1.66 0.00	51.46 1.74 0.00	57.65 1.90 0.00	61.14 1.72 0.00	63.75 1.68 0.00	67.30 2.40 0.00	75.86 3.82 0.00	81.93 5.57 0.00	89.00 6.74 0.00	100.14 7.67 0.00	108.86 9.17 0.00	124.58 10.75 -3.05	151.95 13.75 -3.37	184.75 16.50 -4.93	166.85 14.20 0.00	124.23 9.41 0.00	97.64 6.05 0.00	87.84 4.34 0.00	72.80 2.73 0.00	63.67 1.31 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	63.83 1.31 0.00	54.94 1.76 0.00	50.62 1.71 0.00	50.51 1.71 0.00	50.42 1.66 0.00	51.46 1.74 0.00	57.65 1.90 0.00	61.14 1.72 0.00	63.75 1.68 0.00	67.30 2.40 0.00	75.86 3.82 0.00	81.93 5.57 0.00	89.00 6.74 0.00	100.14 7.67 0.00	108.86 9.17 0.00	124.69 10.86 -3.05	151.95 13.75 -3.37	184.75 16.50 -4.93	166.85 14.20 0.00	124.23 9.41 0.00	97.73 6.14 0.00	87.84 4.34 0.00	72.80 2.73 0.00	63.67 1.31 0.00
RAVENSWOOD_GT_9 24257	63.83 1.31 0.00	54.94 1.76 0.00	50.62 1.71 0.00	50.51 1.71 0.00	50.42 1.66 0.00	51.46 1.74 0.00	57.65 1.90 0.00	61.14 1.72 0.00	63.75 1.68 0.00	67.30 2.40 0.00	75.86 3.82 0.00	81.93 5.57 0.00	89.00 6.74 0.00	100.14 7.67 0.00	108.86 9.17 0.00	124.69 10.86 -3.05	151.95 13.75 -3.37	184.75 16.50 -4.93	166.85 14.20 0.00	124.23 9.41 0.00	97.73 6.14 0.00	87.84 4.34 0.00	72.80 2.73 0.00	63.67 1.31 0.00

RAVENSWOOD___1 23533	61.80 0.87 1.59	54.89 1.70 0.00	50.92 2.01 0.00	50.76 1.95 -0.01	50.66 1.90 0.00	51.61 1.89 0.00	57.54 1.78 0.00	60.71 1.31 0.01	62.90 1.24 0.41	66.24 1.88 0.54	67.25 3.17 7.96	75.14 4.96 6.17	88.49 6.25 0.01	99.58 7.12 0.01	108.15 8.47 0.01	123.80 9.97 -3.05	144.85 12.82 2.79	183.44 15.19 -4.93	149.34 13.13 16.44	96.28 8.72 27.26	78.43 5.68 18.85	66.84 3.76 20.42	62.63 2.17 9.61	61.97 0.87 1.26
RAVENSWOOD___2 23534	61.42 0.50 1.60	54.73 1.54 0.00	50.82 1.91 0.00	50.66 1.85 -0.01	50.57 1.81 0.00	51.46 1.74 0.00	57.37 1.62 0.00	60.48 1.07 0.01	62.41 0.75 0.41	65.72 1.37 0.54	66.60 2.52 7.96	74.46 4.27 6.17	87.67 5.43 0.01	98.65 6.20 0.01	107.26 7.57 0.01	122.80 8.97 -3.05	143.46 11.45 2.82	181.80 13.55 -4.93	147.89 11.76 16.51	95.21 7.69 27.29	77.51 4.85 18.93	66.16 3.17 20.51	62.07 1.61 9.61	61.60 0.50 1.26
RAVENSWOOD___3 23535	63.83 1.31 0.00	54.89 1.70 0.00	50.67 1.76 0.00	50.50 1.71 0.00	50.42 1.66 0.00	51.46 1.74 0.00	57.59 1.84 0.00	61.14 1.72 0.00	63.68 1.61 0.00	67.23 2.33 0.00	75.71 3.67 0.00	81.86 5.50 0.00	89.00 6.75 0.00	100.23 7.77 0.00	108.86 9.17 0.00	124.58 10.74 -3.05	151.95 13.76 -3.37	184.75 16.49 -4.93	166.85 14.20 0.00	124.23 9.42 0.00	97.91 6.32 0.00	87.83 4.34 0.00	72.66 2.59 0.00	63.67 1.31 0.00
RAVENSWOOD___4 23820	61.42 0.75 1.86	54.84 1.65 0.00	50.87 1.96 0.00	50.76 1.95 -0.01	50.61 1.85 0.00	51.56 1.84 0.00	57.48 1.73 0.00	60.66 1.25 0.01	62.78 1.12 0.41	66.17 1.81 0.54	67.18 3.10 7.96	75.07 4.89 6.17	88.33 6.09 0.01	99.39 6.94 0.01	107.95 8.27 0.01	123.69 9.86 -3.05	143.54 12.54 3.82	183.11 14.86 -4.93	146.42 12.97 19.21	94.67 8.50 28.64	75.10 5.50 21.99	63.32 3.67 23.85	62.49 2.03 9.61	61.91 0.81 1.26
RCPL_TRUST___DRP 24196	63.83 1.31 0.00	55.00 1.81 0.00	50.67 1.76 0.00	50.51 1.71 0.00	50.47 1.71 0.00	51.51 1.79 0.00	57.70 1.95 0.00	61.26 1.84 0.00	63.87 1.80 0.00	67.43 2.53 0.00	76.00 3.96 0.00	82.16 5.80 0.00	89.33 7.07 0.00	100.51 8.04 0.00	109.36 9.67 0.00	125.14 11.30 -3.05	152.49 14.29 -3.37	185.41 17.15 -4.93	167.31 14.65 0.00	124.69 9.87 0.00	98.01 6.41 0.00	88.09 4.59 0.00	73.01 2.94 0.00	63.79 1.43 0.00
RED___ROCHESTER 323720	64.52 2.00 0.00	53.88 0.69 0.00	49.11 0.20 0.00	48.55 -0.24 0.00	48.57 -0.19 0.00	49.72 0.00 0.00	55.92 0.17 0.00	60.13 0.72 0.00	63.93 1.86 0.00	67.56 2.66 0.00	76.44 4.40 0.00	80.63 4.27 0.00	86.20 3.95 0.00	96.72 4.26 0.00	103.68 3.99 0.00	114.43 3.65 0.00	138.74 3.91 0.00	166.10 2.77 0.00	156.17 3.51 0.00	118.72 3.91 0.00	96.44 4.85 0.00	87.50 4.01 0.00	72.24 2.17 0.00	64.10 1.74 0.00
REGAN___SOLAR 323812	67.15 4.63 0.00	56.91 3.72 0.00	52.19 3.28 0.00	52.12 3.32 0.00	52.17 3.41 0.00	53.30 3.58 0.00	59.82 4.07 0.00	63.04 3.62 0.00	64.80 2.73 0.00	66.91 2.01 0.00	73.70 1.66 0.00	78.65 2.29 0.00	85.05 2.80 0.00	96.17 3.70 0.00	103.98 4.28 0.00	123.12 5.87 -6.47	150.46 8.50 -7.14	186.99 13.22 -10.44	166.54 13.89 0.00	126.29 11.48 0.00	100.75 9.16 0.00	90.92 7.43 0.00	75.96 5.89 0.00	67.04 4.68 0.00
RENSSELAER___COGEN 23796	62.02 -0.50 0.00	52.92 -0.26 0.00	48.91 0.00 0.00	48.85 0.05 0.00	48.86 0.10 0.00	49.72 0.00 0.00	55.64 -0.11 0.00	59.06 -0.35 0.00	61.51 -0.56 0.00	64.58 -0.32 0.00	72.04 0.00 0.00	77.35 0.99 0.00	83.73 1.48 0.00	94.41 1.94 0.00	101.88 2.19 0.00	58.79 2.55 54.54	57.46 3.64 81.01	58.98 4.57 108.91	120.07 3.82 36.40	83.30 2.52 34.04	73.73 1.65 19.51	73.54 0.83 10.79	70.28 0.21 0.00	61.99 -0.37 0.00
REPUBLIC_115KV_BARTNBRK 55605	68.96 6.44 0.00	58.30 5.11 0.00	53.31 4.40 0.00	53.09 4.29 0.00	53.20 4.44 0.00	54.34 4.62 0.00	61.22 5.46 0.00	64.82 5.41 0.00	67.41 5.34 0.00	70.42 5.52 0.00	78.02 5.98 0.00	83.46 7.10 0.00	90.23 7.98 0.00	101.62 9.15 0.00	108.86 9.17 0.00	133.57 10.52 -12.26	176.90 13.35 -28.73	216.94 18.62 -35.00	197.42 18.17 -26.60	154.49 14.81 -24.87	117.57 11.72 -14.26	100.98 9.60 -7.89	78.13 8.06 0.00	68.97 6.61 0.00
REVERE_CPPR_DRP 24186	65.46 2.94 0.00	55.32 2.13 0.00	50.62 1.71 0.00	50.51 1.71 0.00	50.52 1.76 0.00	51.61 1.89 0.00	58.10 2.34 0.00	62.15 2.73 0.00	64.74 2.67 0.00	67.82 2.92 0.00	75.72 3.67 0.00	80.56 4.20 0.00	85.79 3.54 0.00	96.72 4.25 0.00	104.18 4.49 0.00	115.88 5.10 0.00	140.62 5.80 0.00	171.00 7.68 0.00	160.74 8.09 0.00	121.24 6.43 0.00	96.72 5.13 0.00	87.75 4.26 0.00	73.78 3.71 0.00	65.29 2.93 0.00
REYNLDPA_13_KV_LD 356490	63.83 1.31 0.00	54.31 1.12 0.00	49.94 1.03 0.00	49.77 0.98 0.00	49.74 0.98 0.00	50.71 0.99 0.00	57.09 1.34 0.00	60.72 1.31 0.00	63.44 1.37 0.00	65.81 0.91 0.00	72.11 0.07 0.00	75.29 -1.07 0.00	80.77 -1.48 0.00	90.43 -2.03 0.00	96.80 -2.89 0.00	107.46 -3.32 0.00	130.51 -4.31 0.00	158.91 -4.41 0.00	148.07 -4.58 0.00	111.60 -3.21 0.00	89.94 -1.65 0.00	82.74 -0.75 0.00	70.42 0.35 0.00	63.30 0.94 0.00
REYNOLDS_115KV_TB3 80639	62.64 0.13 0.00	53.51 0.32 0.00	49.35 0.44 0.00	49.33 0.54 0.00	49.30 0.54 0.00	50.21 0.50 0.00	56.20 0.45 0.00	59.71 0.30 0.00	62.26 0.19 0.00	65.35 0.45 0.00	72.98 0.94 0.00	78.34 1.99 0.00	84.80 2.55 0.00	95.51 3.05 0.00	103.18 3.49 0.00	150.23 4.10 -35.35	152.44 5.39 -12.22	200.33 6.70 -30.31	111.56 5.80 46.90	74.98 4.02 43.85	69.11 2.66 25.14	71.43 1.84 13.90	71.12 1.05 0.00	62.73 0.37 0.00
RIVERBAY____ 323610	64.84 2.31 -0.01	56.12 2.93 -0.01	52.10 3.18 -0.01	51.92 3.12 0.00	51.84 3.07 -0.01	52.76 3.03 -0.01	58.82 3.07 0.00	61.91 2.50 0.00	64.61 2.55 0.01	68.27 3.37 0.01	76.93 4.90 0.01	83.14 6.80 0.01	90.33 8.06 -0.02	101.63 9.15 -0.02	110.48 10.77 -0.02	126.37 12.52 -3.07	154.11 15.91 -3.38	187.55 19.27 -4.95	169.45 16.79 -0.01	126.42 11.60 -0.01	99.39 7.79 -0.01	89.43 5.93 -0.01	74.14 4.06 -0.01	64.80 2.43 -0.01
RIVERSDE_115KV_TB3 55908	62.52 0.00 0.00	53.35 0.16 0.00	49.21 0.29 0.00	49.19 0.39 0.00	49.15 0.39 0.00	50.07 0.35 0.00	56.03 0.28 0.00	59.54 0.12 0.00	62.07 0.00 0.00	65.16 0.26 0.00	72.76 0.72 0.00	78.11 1.76 0.00	84.55 2.30 0.00	95.24 2.77 0.00	102.78 3.09 0.00	128.98 3.66 -14.54	132.83 4.72 6.71	170.09 6.04 -0.73	118.01 5.19 39.83	81.13 3.56 37.24	72.53 2.29 21.35	73.19 1.50 11.81	70.91 0.84 0.00	62.49 0.12 0.00
ROARING___BROOK_WT_PWR 323790	62.46 -0.06 0.00	53.08 -0.11 0.00	48.81 -0.10 0.00	48.65 -0.15 0.00	48.61 -0.15 0.00	49.52 -0.20 0.00	55.53 -0.22 0.00	59.18 -0.24 0.00	61.89 -0.19 0.00	64.71 -0.19 0.00	71.46 -0.58 0.00	75.44 -0.91 0.00	81.18 -1.07 0.00	90.98 -1.48 0.00	98.09 -1.60 0.00	109.01 -1.78 0.00	132.53 -2.29 0.00	160.88 -2.45 0.00	150.66 -1.99 0.00	113.32 -1.50 0.00	90.40 -1.19 0.00	82.58 -0.92 0.00	69.65 -0.42 0.00	62.11 -0.25 0.00

ROCHESRG_115KV_T4 355643	63.58 1.06 0.00	53.08 -0.11 0.00	48.47 -0.44 0.00	47.97 -0.83 0.00	47.98 -0.78 0.00	49.02 -0.70 0.00	55.14 -0.61 0.00	59.24 -0.18 0.00	62.94 0.87 0.00	66.46 1.56 0.00	75.00 2.95 0.00	79.11 2.75 0.00	84.55 2.30 0.00	94.41 1.94 0.00	101.69 1.99 0.00	112.56 1.77 0.00	136.17 1.35 0.00	162.83 -0.49 0.00	153.57 0.92 0.00	116.65 1.84 0.00	94.62 3.02 0.00	86.08 2.59 0.00	70.91 0.84 0.00	63.23 0.87 0.00
ROCHESTER_9_IC 23652	64.08 1.56 0.00	53.51 0.32 0.00	48.81 -0.10 0.00	48.31 -0.49 0.00	48.32 -0.44 0.00	49.37 -0.35 0.00	55.53 -0.22 0.00	59.71 0.30 0.00	63.50 1.43 0.00	67.04 2.14 0.00	75.79 3.75 0.00	79.95 3.59 0.00	85.38 3.13 0.00	95.33 2.87 0.00	102.68 2.99 0.00	113.55 2.77 0.00	137.52 2.70 0.00	164.30 0.98 0.00	154.94 2.29 0.00	117.80 2.99 0.00	95.44 3.85 0.00	86.84 3.34 0.00	71.47 1.40 0.00	63.67 1.31 0.00
ROCKVIEW_13_KV_LD 356306	64.08 1.56 0.00	55.05 1.86 0.00	50.67 1.76 0.00	50.55 1.76 0.00	50.47 1.71 0.00	51.51 1.79 0.00	57.76 2.01 0.00	61.38 1.96 0.00	63.94 1.86 0.00	67.43 2.53 0.00	76.00 3.96 0.00	82.16 5.80 0.00	89.33 7.07 0.00	100.69 8.23 0.00	109.76 10.07 0.00	125.58 11.74 -3.05	153.03 14.83 -3.37	186.22 17.97 -4.93	168.38 15.72 0.00	125.49 10.68 0.00	98.65 7.05 0.00	88.67 5.18 0.00	73.22 3.15 0.00	64.04 1.68 0.00
ROME____115KV_TB2 80656	65.46 2.94 0.00	55.32 2.13 0.00	50.62 1.71 0.00	50.51 1.71 0.00	50.52 1.76 0.00	51.61 1.89 0.00	58.10 2.34 0.00	62.15 2.73 0.00	64.74 2.67 0.00	67.82 2.92 0.00	75.72 3.67 0.00	80.56 4.20 0.00	85.79 3.54 0.00	96.72 4.25 0.00	104.18 4.49 0.00	115.88 5.10 0.00	140.62 5.80 0.00	171.00 7.68 0.00	160.74 8.09 0.00	121.24 6.43 0.00	96.72 5.13 0.00	87.75 4.26 0.00	73.78 3.71 0.00	65.29 2.93 0.00
ROSETON___1 23587	63.27 0.75 0.00	54.20 1.01 0.00	49.99 1.07 0.00	49.87 1.07 0.00	49.79 1.03 0.00	50.81 1.09 0.00	56.87 1.11 0.00	60.49 1.07 0.00	63.01 0.93 0.00	66.33 1.43 0.00	74.49 2.45 0.00	80.17 3.82 0.00	87.10 4.85 0.00	98.20 5.73 0.00	106.47 6.78 0.00	121.37 7.87 -2.72	148.07 10.24 -3.00	179.80 12.09 -4.39	163.34 10.68 0.00	122.05 7.24 0.00	96.35 4.76 0.00	86.84 3.34 0.00	72.03 1.96 0.00	63.23 0.87 0.00
ROSETON___2 23588	63.27 0.75 0.00	54.20 1.01 0.00	49.99 1.07 0.00	49.87 1.07 0.00	49.79 1.03 0.00	50.81 1.09 0.00	56.87 1.11 0.00	60.49 1.07 0.00	63.01 0.93 0.00	66.33 1.43 0.00	74.49 2.45 0.00	80.17 3.82 0.00	87.10 4.85 0.00	98.20 5.73 0.00	106.47 6.78 0.00	121.37 7.87 -2.72	148.07 10.24 -3.00	179.80 12.09 -4.39	163.34 10.68 0.00	122.05 7.24 0.00	96.35 4.76 0.00	86.84 3.34 0.00	72.03 1.96 0.00	63.23 0.87 0.00
ROTRRDAM_115KV_TB3 80664	63.65 1.13 0.00	54.25 1.06 0.00	49.94 1.03 0.00	49.87 1.07 0.00	49.83 1.07 0.00	50.81 1.09 0.00	56.87 1.12 0.00	60.49 1.07 0.00	63.00 0.93 0.00	65.94 1.04 0.00	73.48 1.44 0.00	78.57 2.21 0.00	84.97 2.71 0.00	95.61 3.14 0.00	103.28 3.59 0.00	121.97 4.10 -7.08	148.04 5.39 -7.82	181.63 6.86 -11.44	159.07 6.41 0.00	119.52 4.71 0.00	95.07 3.48 0.00	86.25 2.76 0.00	72.03 1.96 0.00	63.61 1.25 0.00
RUSSELL___1 23602	64.52 2.00 0.00	53.83 0.64 0.00	49.11 0.20 0.00	48.55 -0.24 0.00	48.57 -0.20 0.00	49.72 0.00 0.00	55.92 0.17 0.00	60.13 0.71 0.00	63.94 1.86 0.00	67.56 2.66 0.00	76.44 4.39 0.00	80.63 4.28 0.00	86.04 3.78 0.00	96.07 3.61 0.00	103.68 3.99 0.00	114.44 3.66 0.00	138.60 3.78 0.00	165.77 2.45 0.00	156.32 3.66 0.00	118.71 3.90 0.00	96.26 4.67 0.00	87.50 4.01 0.00	72.03 1.96 0.00	64.11 1.75 0.00
RUSSELL___2 23532	64.52 2.00 0.00	53.83 0.64 0.00	49.11 0.20 0.00	48.55 -0.24 0.00	48.57 -0.20 0.00	49.72 0.00 0.00	55.92 0.17 0.00	60.13 0.71 0.00	63.94 1.86 0.00	67.56 2.66 0.00	76.44 4.39 0.00	80.63 4.28 0.00	86.04 3.78 0.00	96.07 3.61 0.00	103.68 3.99 0.00	114.44 3.66 0.00	138.60 3.78 0.00	165.77 2.45 0.00	156.32 3.66 0.00	118.71 3.90 0.00	96.26 4.67 0.00	87.50 4.01 0.00	72.03 1.96 0.00	64.11 1.75 0.00
RUSSELL___3 23549	64.52 2.00 0.00	53.83 0.64 0.00	49.11 0.20 0.00	48.55 -0.24 0.00	48.57 -0.20 0.00	49.72 0.00 0.00	55.92 0.17 0.00	60.13 0.71 0.00	63.94 1.86 0.00	67.56 2.66 0.00	76.44 4.39 0.00	80.63 4.28 0.00	86.04 3.78 0.00	96.07 3.61 0.00	103.68 3.99 0.00	114.44 3.66 0.00	138.60 3.78 0.00	165.77 2.45 0.00	156.32 3.66 0.00	118.71 3.90 0.00	96.26 4.67 0.00	87.50 4.01 0.00	72.03 1.96 0.00	64.11 1.75 0.00
RUSSELL___4 23556	64.52 2.00 0.00	53.83 0.64 0.00	49.11 0.20 0.00	48.55 -0.24 0.00	48.57 -0.20 0.00	49.72 0.00 0.00	55.92 0.17 0.00	60.13 0.71 0.00	63.94 1.86 0.00	67.56 2.66 0.00	76.44 4.39 0.00	80.63 4.28 0.00	86.04 3.78 0.00	96.07 3.61 0.00	103.68 3.99 0.00	114.44 3.66 0.00	138.60 3.78 0.00	165.77 2.45 0.00	156.32 3.66 0.00	118.71 3.90 0.00	96.26 4.67 0.00	87.50 4.01 0.00	72.03 1.96 0.00	64.11 1.75 0.00
RUSSELL___STATION 23914	64.52 2.00 0.00	53.83 0.64 0.00	49.11 0.20 0.00	48.55 -0.24 0.00	48.57 -0.20 0.00	49.72 0.00 0.00	55.92 0.17 0.00	60.13 0.71 0.00	63.94 1.86 0.00	67.56 2.66 0.00	76.44 4.39 0.00	80.63 4.28 0.00	86.04 3.78 0.00	96.07 3.61 0.00	103.68 3.99 0.00	114.44 3.66 0.00	138.60 3.78 0.00	165.77 2.45 0.00	156.32 3.66 0.00	118.71 3.90 0.00	96.26 4.67 0.00	87.50 4.01 0.00	72.03 1.96 0.00	64.11 1.75 0.00
S SALMON___HYD 24043	63.02 0.50 0.00	53.30 0.11 0.00	48.81 -0.10 0.00	48.65 -0.15 0.00	48.66 -0.10 0.00	49.67 -0.05 0.00	55.92 0.17 0.00	59.78 0.36 0.00	62.39 0.31 0.00	65.36 0.46 0.00	72.91 0.87 0.00	77.35 0.99 0.00	82.91 0.65 0.00	93.20 0.74 0.00	100.19 0.50 0.00	111.34 0.56 0.00	134.96 0.13 0.00	163.65 0.33 0.00	153.87 1.22 0.00	116.54 1.72 0.00	93.42 1.83 0.00	84.91 1.42 0.00	70.98 0.91 0.00	62.92 0.56 0.00
S.PERRY__115KV_TB1 80734	64.65 2.13 0.00	53.72 0.53 0.00	48.96 0.05 0.00	48.41 -0.39 0.00	48.42 -0.34 0.00	49.67 -0.05 0.00	55.87 0.11 0.00	59.66 0.24 0.00	62.57 0.50 0.00	65.74 0.84 0.00	74.06 2.02 0.00	78.27 1.91 0.00	83.57 1.32 0.00	90.52 -1.94 0.00	97.40 -2.29 0.00	108.12 -2.66 0.00	130.91 -3.91 0.00	156.95 -6.37 0.00	149.75 -2.90 0.00	115.73 0.92 0.00	94.43 2.84 0.00	88.42 4.93 0.00	72.31 2.24 0.00	64.29 1.93 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	63.96 1.44 0.00	52.92 -0.27 0.00	47.98 -0.93 0.00	47.58 -1.22 0.00	47.59 -1.17 0.00	48.52 -1.19 0.00	54.64 -1.12 0.00	58.88 -0.53 0.00	62.94 0.87 0.00	66.59 1.69 0.00	75.43 3.39 0.00	79.26 2.90 0.00	84.55 2.30 0.00	94.22 1.76 0.00	101.19 1.50 0.00	112.00 1.22 0.00	135.23 0.40 0.00	159.73 -3.59 0.00	151.74 -0.92 0.00	116.07 1.26 0.00	95.07 3.48 0.00	86.58 3.09 0.00	70.91 0.84 0.00	63.73 1.37 0.00

SAWYER___23_KV_LOAD 55526	63.96 1.44 0.00	52.92 -0.27 0.00	47.98 -0.93 0.00	47.58 -1.22 0.00	47.59 -1.17 0.00	48.52 -1.19 0.00	54.64 -1.12 0.00	58.88 -0.53 0.00	62.94 0.87 0.00	66.59 1.69 0.00	75.43 3.39 0.00	79.26 2.90 0.00	84.55 2.30 0.00	94.22 1.76 0.00	101.19 1.50 0.00	112.00 1.22 0.00	135.23 0.40 0.00	159.73 -3.59 0.00	151.74 -0.92 0.00	116.07 1.26 0.00	95.07 3.48 0.00	86.58 3.09 0.00	70.91 0.84 0.00	63.73 1.37 0.00
SELKIRK___I 23801	61.58 -0.94 0.00	52.55 -0.64 0.00	48.47 -0.44 0.00	48.46 -0.34 0.00	48.47 -0.29 0.00	49.32 -0.40 0.00	55.09 -0.67 0.00	58.41 -1.01 0.00	60.65 -1.43 0.00	63.47 -1.43 0.00	70.75 -1.29 0.00	75.74 -0.61 0.00	81.92 -0.33 0.00	92.37 -0.09 0.00	99.69 0.00 0.00	83.88 0.33 27.23	93.24 0.81 42.40	108.46 1.47 56.33	132.27 1.22 21.60	95.31 0.69 20.19	80.29 0.28 11.58	76.84 -0.25 6.40	69.51 -0.56 0.00	61.43 -0.93 0.00
SELKIRK___II 23799	61.83 -0.69 0.00	52.82 -0.37 0.00	48.77 -0.15 0.00	48.75 -0.05 0.00	48.71 -0.05 0.00	49.57 -0.15 0.00	55.48 -0.28 0.00	58.88 -0.54 0.00	61.33 -0.74 0.00	64.31 -0.59 0.00	71.83 -0.22 0.00	76.96 0.61 0.00	83.32 1.07 0.00	93.85 1.39 0.00	101.39 1.69 0.00	81.20 2.00 31.58	88.96 2.84 48.70	102.05 3.59 64.86	131.48 3.05 24.23	94.11 1.95 22.65	79.80 1.19 12.99	76.82 0.50 7.18	70.00 -0.07 0.00	61.80 -0.56 0.00
SENECA OSWGO___HYD 24041	61.71 -0.81 0.00	52.23 -0.96 0.00	47.93 -0.98 0.00	47.72 -1.07 0.00	47.69 -1.07 0.00	48.67 -1.05 0.00	54.75 -1.00 0.00	58.53 -0.89 0.00	61.26 -0.81 0.00	64.38 -0.52 0.00	71.97 -0.07 0.00	76.51 0.15 0.00	82.17 -0.08 0.00	92.37 -0.09 0.00	99.39 -0.30 0.00	110.34 -0.44 0.00	134.29 -0.54 0.00	162.35 -0.97 0.00	152.05 -0.61 0.00	114.70 -0.11 0.00	91.96 0.37 0.00	83.50 0.00 0.00	69.51 -0.56 0.00	61.62 -0.75 0.00
SENECA___115KV_TB3 355854	64.58 2.06 0.00	53.46 0.27 0.00	48.42 -0.49 0.00	48.02 -0.78 0.00	48.03 -0.73 0.00	49.02 -0.70 0.00	55.25 -0.50 0.00	59.60 0.18 0.00	63.63 1.55 0.00	67.37 2.47 0.00	76.29 4.25 0.00	80.25 3.89 0.00	85.79 3.54 0.00	95.51 3.05 0.00	102.58 2.89 0.00	113.66 2.88 0.00	137.39 2.56 0.00	162.34 -0.98 0.00	154.33 1.68 0.00	118.03 3.21 0.00	96.45 4.85 0.00	87.84 4.34 0.00	71.82 1.75 0.00	64.48 2.12 0.00
SENECA___ENERGY 23797	63.21 0.69 0.00	53.19 0.00 0.00	48.67 -0.24 0.00	48.36 -0.44 0.00	48.37 -0.39 0.00	49.37 -0.35 0.00	55.64 -0.11 0.00	59.72 0.30 0.00	62.69 0.62 0.00	66.07 1.17 0.00	74.13 2.09 0.00	78.73 2.37 0.00	84.47 2.22 0.00	94.59 2.13 0.00	101.28 1.59 0.00	112.33 1.55 0.00	136.71 1.89 0.00	164.79 1.47 0.00	154.95 2.29 0.00	117.45 2.64 0.00	94.71 3.12 0.00	85.92 2.42 0.00	71.19 1.12 0.00	63.11 0.75 0.00
SHOEMAKER___GT 23640	63.39 0.87 0.00	54.20 1.01 0.00	49.94 1.03 0.00	49.82 1.03 0.00	49.79 1.03 0.00	50.76 1.05 0.00	56.87 1.11 0.00	60.49 1.07 0.00	63.01 0.93 0.00	66.26 1.37 0.00	74.35 2.30 0.00	80.02 3.66 0.00	86.69 4.44 0.00	97.73 5.27 0.00	105.88 6.18 0.00	120.41 7.20 -2.43	147.21 9.71 -2.68	178.67 11.43 -3.92	163.04 10.39 0.00	122.05 7.24 0.00	96.54 4.94 0.00	87.00 3.51 0.00	72.17 2.10 0.00	63.36 0.99 0.00
SHOEMAKR_138KV_BK 111 55601	63.33 0.81 0.00	54.20 1.01 0.00	49.89 0.98 0.00	49.82 1.02 0.00	49.74 0.98 0.00	50.76 1.04 0.00	56.87 1.12 0.00	60.43 1.01 0.00	63.00 0.93 0.00	66.26 1.36 0.00	74.42 2.38 0.00	80.02 3.67 0.00	86.69 4.44 0.00	97.73 5.27 0.00	105.87 6.18 0.00	120.38 7.20 -2.39	147.04 9.57 -2.64	178.78 11.60 -3.86	162.88 10.23 0.00	121.93 7.12 0.00	96.26 4.67 0.00	86.92 3.42 0.00	72.10 2.03 0.00	63.30 0.94 0.00
SHOREHAM_IC_1 23715	64.96 2.44 0.00	56.33 3.14 -0.01	51.90 2.98 -0.01	51.48 2.68 0.00	51.20 2.44 0.00	52.80 3.08 0.00	58.82 3.06 0.00	61.55 2.14 0.00	63.31 1.24 0.00	65.68 0.78 0.00	73.47 1.44 0.01	80.32 3.97 0.00	89.24 6.99 0.00	101.89 9.07 -0.36	126.66 10.37 -16.60	241.20 11.97 -118.45	248.55 15.36 -98.36	287.92 20.25 -104.35	245.11 18.31 -74.15	221.71 12.63 -94.27	125.43 8.79 -25.05	89.34 5.84 0.00	72.87 2.81 0.00	62.47 0.12 0.02
SHOREHAM_IC_2 23716	64.96 2.44 0.00	56.33 3.14 0.00	51.90 2.98 0.00	51.48 2.68 0.00	51.25 2.49 0.00	52.80 3.08 0.00	58.88 3.12 0.00	61.56 2.14 0.00	63.32 1.24 0.00	65.94 1.04 0.00	73.69 1.66 0.01	80.48 4.12 0.00	89.24 6.99 0.00	101.78 8.97 -0.35	126.65 10.37 -16.59	241.20 11.96 -118.45	248.56 15.37 -98.36	287.76 20.09 -104.35	245.11 18.32 -74.14	221.70 12.63 -94.26	125.43 8.79 -25.05	89.34 5.84 0.00	72.94 2.87 0.00	62.53 0.19 0.02
SISSONVILLE____ 23735	64.27 1.75 0.00	54.84 1.65 0.00	50.33 1.42 0.00	50.16 1.37 0.00	50.17 1.41 0.00	51.21 1.49 0.00	57.76 2.01 0.00	61.26 1.84 0.00	63.81 1.74 0.00	65.68 0.78 0.00	71.68 -0.36 0.00	73.91 -2.44 0.00	79.21 -3.04 0.00	88.40 -4.07 0.00	93.91 -5.78 0.00	104.36 -6.43 0.00	126.60 -8.22 0.00	154.83 -8.49 0.00	144.87 -7.79 0.00	109.53 -5.28 0.00	88.48 -3.11 0.00	81.32 -2.17 0.00	69.93 -0.14 0.00	63.17 0.81 0.00
SITHE_IND_GS1 24169	60.77 -1.75 0.00	51.54 -1.65 0.00	47.35 -1.57 0.00	47.09 -1.71 0.00	47.10 -1.66 0.00	48.03 -1.69 0.00	53.97 -1.79 0.00	57.64 -1.78 0.00	60.34 -1.74 0.00	63.34 -1.56 0.00	70.67 -1.37 0.00	75.06 -1.30 0.00	80.69 -1.57 0.00	90.70 -1.76 0.00	97.59 -2.10 0.00	108.35 -2.44 0.00	131.86 -2.97 0.00	159.40 -3.92 0.00	149.15 -3.50 0.00	112.52 -2.30 0.00	90.12 -1.47 0.00	81.91 -1.59 0.00	68.39 -1.68 0.00	60.68 -1.68 0.00
SITHE_IND_GS2 24170	60.77 -1.75 0.00	51.54 -1.65 0.00	47.35 -1.57 0.00	47.09 -1.71 0.00	47.10 -1.66 0.00	48.03 -1.69 0.00	53.97 -1.79 0.00	57.64 -1.78 0.00	60.34 -1.74 0.00	63.34 -1.56 0.00	70.67 -1.37 0.00	75.06 -1.30 0.00	80.69 -1.57 0.00	90.70 -1.76 0.00	97.59 -2.10 0.00	108.35 -2.44 0.00	131.86 -2.97 0.00	159.40 -3.92 0.00	149.15 -3.50 0.00	112.52 -2.30 0.00	90.12 -1.47 0.00	81.91 -1.59 0.00	68.39 -1.68 0.00	60.68 -1.68 0.00
SITHE_IND_GS3 24171	60.77 -1.75 0.00	51.54 -1.65 0.00	47.35 -1.57 0.00	47.09 -1.71 0.00	47.10 -1.66 0.00	48.03 -1.69 0.00	53.97 -1.79 0.00	57.64 -1.78 0.00	60.34 -1.74 0.00	63.34 -1.56 0.00	70.67 -1.37 0.00	75.06 -1.30 0.00	80.69 -1.57 0.00	90.70 -1.76 0.00	97.59 -2.10 0.00	108.35 -2.44 0.00	131.86 -2.97 0.00	159.40 -3.92 0.00	149.15 -3.50 0.00	112.52 -2.30 0.00	90.12 -1.47 0.00	81.91 -1.59 0.00	68.39 -1.68 0.00	60.68 -1.68 0.00
SITHE_IND_GS4 24172	60.77 -1.75 0.00	51.54 -1.65 0.00	47.35 -1.57 0.00	47.09 -1.71 0.00	47.10 -1.66 0.00	48.03 -1.69 0.00	53.97 -1.79 0.00	57.64 -1.78 0.00	60.34 -1.74 0.00	63.34 -1.56 0.00	70.67 -1.37 0.00	75.06 -1.30 0.00	80.69 -1.57 0.00	90.70 -1.76 0.00	97.59 -2.10 0.00	108.35 -2.44 0.00	131.86 -2.97 0.00	159.40 -3.92 0.00	149.15 -3.50 0.00	112.52 -2.30 0.00	90.12 -1.47 0.00	81.91 -1.59 0.00	68.39 -1.68 0.00	60.68 -1.68 0.00

SITHE___BATAVIA 24024	65.64 3.12 0.00	54.46 1.27 0.00	49.45 0.54 0.00	48.80 0.00 0.00	48.86 0.10 0.00	50.02 0.30 0.00	56.25 0.50 0.00	60.43 1.01 0.00	64.37 2.30 0.00	67.95 3.05 0.00	77.08 5.04 0.00	81.01 4.66 0.00	86.61 4.36 0.00	96.99 4.53 0.00	103.58 3.88 0.00	114.43 3.65 0.00	138.59 3.77 0.00	164.96 1.63 0.00	156.17 3.51 0.00	119.52 4.71 0.00	97.91 6.32 0.00	88.84 5.35 0.00	72.94 2.87 0.00	65.10 2.74 0.00
SITHE___INDEPEND 23800	60.77 -1.75 0.00	51.54 -1.65 0.00	47.35 -1.57 0.00	47.09 -1.71 0.00	47.10 -1.66 0.00	48.03 -1.69 0.00	53.91 -1.84 0.00	57.63 -1.78 0.00	60.34 -1.74 0.00	63.34 -1.56 0.00	70.67 -1.37 0.00	75.06 -1.30 0.00	80.69 -1.56 0.00	90.61 -1.85 0.00	97.60 -2.09 0.00	108.35 -2.44 0.00	131.86 -2.97 0.00	159.24 -4.08 0.00	149.14 -3.51 0.00	112.52 -2.30 0.00	90.04 -1.56 0.00	81.91 -1.59 0.00	68.32 -1.75 0.00	60.68 -1.68 0.00
SITHE___MASSENA 23902	64.08 1.56 0.00	54.57 1.38 0.00	50.18 1.27 0.00	49.97 1.17 0.00	49.98 1.22 0.00	50.96 1.24 0.00	57.37 1.62 0.00	60.90 1.49 0.00	63.50 1.43 0.00	65.81 0.91 0.00	72.04 0.00 0.00	74.83 -1.53 0.00	80.03 -2.22 0.00	89.14 -3.32 0.00	96.01 -3.69 0.00	106.69 -4.10 0.00	129.43 -5.40 0.00	157.77 -5.55 0.00	147.31 -5.35 0.00	111.03 -3.79 0.00	88.93 -2.66 0.00	82.33 -1.17 0.00	70.35 0.28 0.00	63.42 1.06 0.00
SITHE___OGDNSBRG 24021	65.52 3.00 0.00	55.74 2.55 0.00	51.16 2.25 0.00	50.99 2.20 0.00	51.00 2.24 0.00	52.05 2.34 0.00	58.65 2.90 0.00	62.03 2.61 0.00	64.43 2.36 0.00	66.33 1.43 0.00	72.19 0.14 0.00	74.60 -1.76 0.00	79.95 -2.30 0.00	89.41 -3.05 0.00	95.41 -4.29 0.00	106.02 -4.76 0.00	128.62 -6.20 0.00	157.77 -5.55 0.00	148.23 -4.43 0.00	112.29 -2.53 0.00	90.77 -0.82 0.00	83.41 -0.08 0.00	71.61 1.54 0.00	64.54 2.18 0.00
SITHE___STERLING 23777	64.65 2.13 0.00	54.68 1.49 0.00	50.08 1.17 0.00	49.97 1.17 0.00	49.93 1.17 0.00	51.01 1.29 0.00	57.37 1.62 0.00	61.32 1.90 0.00	63.93 1.86 0.00	67.11 2.21 0.00	74.93 2.88 0.00	79.80 3.44 0.00	84.88 2.63 0.00	95.70 3.23 0.00	102.98 3.28 0.00	114.55 3.77 0.00	139.14 4.31 0.00	168.88 5.56 0.00	158.45 5.80 0.00	119.52 4.71 0.00	95.44 3.85 0.00	86.50 3.00 0.00	72.88 2.81 0.00	64.48 2.12 0.00
SLEIGHT__34_KV_TB1 80719	63.40 0.88 0.00	53.14 -0.05 0.00	48.52 -0.39 0.00	48.11 -0.68 0.00	48.13 -0.63 0.00	49.22 -0.50 0.00	55.42 -0.33 0.00	59.54 0.12 0.00	62.94 0.87 0.00	66.39 1.49 0.00	74.85 2.81 0.00	79.18 2.83 0.00	84.64 2.39 0.00	94.68 2.22 0.00	101.99 2.29 0.00	112.89 2.10 0.00	136.98 2.16 0.00	164.47 1.14 0.00	154.79 2.14 0.00	117.34 2.53 0.00	94.62 3.02 0.00	86.00 2.50 0.00	70.91 0.84 0.00	63.05 0.69 0.00
SMITHTWN_69_KV_BK 1 55830	65.33 2.81 0.00	56.70 3.51 0.00	52.19 3.28 0.00	51.77 2.98 0.00	51.54 2.78 0.00	53.05 3.33 0.00	59.21 3.46 0.00	62.57 3.15 0.00	64.43 2.36 0.00	67.04 2.14 0.00	74.84 2.81 0.01	81.47 5.12 0.00	90.15 7.90 0.00	103.46 10.08 -0.92	135.33 11.66 -23.97	300.89 13.52 -176.59	273.25 17.12 -121.31	310.20 20.58 -126.30	288.12 18.47 -117.00	273.85 12.74 -146.30	139.58 8.70 -39.28	89.17 5.68 0.00	73.15 3.08 0.00	62.66 0.31 0.02
SOUTH CAIRO___GT 23612	64.83 2.31 0.00	55.00 1.81 0.00	50.62 1.71 0.00	50.60 1.81 0.00	50.56 1.80 0.00	51.41 1.69 0.00	57.65 1.90 0.00	60.78 1.37 0.00	62.94 0.87 0.00	65.68 0.78 0.00	73.05 1.01 0.00	78.19 1.83 0.00	84.55 2.30 0.00	95.42 2.96 0.00	102.98 3.29 0.00	86.79 5.21 29.20	98.40 8.09 44.51	115.31 11.43 59.45	142.31 11.14 21.49	103.22 8.50 20.09	86.30 6.23 11.52	82.22 5.09 6.37	73.29 3.22 0.00	64.54 2.18 0.00
SOUTH HAMPTN___IC 23720	65.89 3.37 0.00	57.08 3.88 -0.01	52.69 3.77 -0.01	52.26 3.46 0.00	52.03 3.27 0.00	53.60 3.88 0.00	59.71 3.96 0.00	62.98 3.56 0.00	64.93 2.86 0.00	67.50 2.60 0.00	75.71 3.67 0.01	82.77 6.41 0.00	91.87 9.62 0.00	104.89 12.11 -0.31	129.16 13.45 -16.01	240.19 15.39 -114.01	250.97 19.54 -96.61	289.83 23.85 -102.66	244.74 21.21 -70.88	219.93 14.82 -90.30	126.08 10.53 -23.96	90.76 7.26 0.00	73.85 3.78 0.00	63.53 1.18 0.02
SOUTHDOW_115KV_TB1 355954	65.83 3.31 0.00	54.36 1.17 0.00	49.11 0.20 0.00	48.85 0.05 0.00	48.91 0.15 0.00	49.87 0.15 0.00	56.70 0.95 0.00	61.50 2.08 0.00	65.55 3.48 0.00	69.44 4.54 0.00	78.60 6.56 0.00	82.77 6.41 0.00	88.75 6.50 0.00	98.84 6.38 0.00	106.07 6.38 0.00	117.54 6.76 0.00	142.64 7.82 0.00	168.39 5.06 0.00	160.29 7.63 0.00	122.62 7.81 0.00	99.84 8.24 0.00	90.93 7.43 0.00	74.13 4.06 0.00	66.23 3.87 0.00
SOUTHOLD_69_KV_BK 2 55809	66.58 4.06 0.00	57.76 4.57 0.00	53.31 4.40 0.00	52.95 4.15 0.00	52.76 4.00 0.00	54.44 4.72 0.00	60.60 4.85 0.00	63.93 4.52 0.00	65.86 3.79 0.00	68.73 3.83 0.00	77.44 5.40 0.01	84.53 8.17 0.00	93.60 11.35 0.00	106.73 13.96 -0.31	129.27 13.56 -16.01	240.14 15.29 -114.07	250.87 19.41 -96.63	288.87 22.87 -102.68	244.32 20.76 -70.91	219.39 14.24 -90.34	127.38 11.82 -23.97	91.85 8.35 0.00	74.62 4.55 0.00	64.47 2.12 0.02
SOUTHOLD___IC 23719	66.58 4.06 0.00	57.72 4.52 -0.01	53.32 4.40 -0.01	52.94 4.15 0.00	52.76 4.00 0.00	54.44 4.73 0.00	60.55 4.80 0.00	63.88 4.46 0.00	65.86 3.79 0.00	68.53 3.63 0.00	77.22 5.19 0.01	84.37 8.02 0.00	93.68 11.43 0.00	106.92 14.15 -0.31	129.27 13.56 -16.02	240.15 15.29 -114.07	250.99 19.54 -96.63	289.85 23.85 -102.68	244.33 20.76 -70.92	219.39 14.23 -90.35	127.39 11.82 -23.97	91.84 8.35 0.00	74.55 4.49 0.00	64.40 2.05 0.02
SOUTH_FORK_WT_PWR 323839	66.21 3.69 0.00	57.50 4.31 -0.01	53.17 4.25 -0.01	52.85 4.05 0.00	52.66 3.90 0.00	54.39 4.67 0.00	60.44 4.68 0.00	63.75 4.34 0.00	65.61 3.54 0.00	68.27 3.37 0.00	76.94 4.90 0.01	84.07 7.71 0.00	93.28 11.03 0.00	106.37 13.60 -0.31	129.67 13.96 -16.02	240.55 15.72 -114.04	251.12 19.68 -96.62	290.16 24.17 -102.67	244.31 20.76 -70.89	219.48 14.35 -90.32	126.36 10.80 -23.96	90.92 7.43 0.00	73.85 3.78 0.00	64.03 1.68 0.02
SPIERFLS_115KV_TB 1 80737	65.02 2.50 0.00	55.21 2.02 0.00	50.67 1.76 0.00	50.55 1.76 0.00	50.56 1.80 0.00	51.61 1.89 0.00	57.93 2.17 0.00	61.62 2.20 0.00	64.18 2.11 0.00	67.17 2.27 0.00	74.20 2.16 0.00	79.41 3.05 0.00	85.95 3.70 0.00	96.62 4.16 0.00	103.98 4.29 0.00	127.72 5.21 -11.73	168.15 6.61 -26.72	205.51 9.47 -32.71	186.52 9.77 -24.10	145.04 7.69 -22.53	110.47 5.95 -12.92	95.23 4.59 -7.15	73.71 3.64 0.00	65.04 2.68 0.00
ST LAWRENCE____ 23600	63.02 0.50 0.00	53.61 0.42 0.00	49.30 0.39 0.00	49.14 0.34 0.00	49.10 0.34 0.00	50.07 0.35 0.00	56.31 0.56 0.00	59.89 0.47 0.00	62.51 0.44 0.00	64.90 0.00 0.00	71.18 -0.86 0.00	74.37 -1.99 0.00	79.79 -2.47 0.00	89.22 -3.24 0.00	96.20 -3.49 0.00	107.02 -3.77 0.00	129.84 -4.99 0.00	157.94 -5.39 0.00	147.46 -5.19 0.00	111.03 -3.79 0.00	88.66 -2.93 0.00	81.74 -1.76 0.00	69.58 -0.49 0.00	62.61 0.25 0.00

STATE_CA_115KV_115_LB 55624	62.64 0.13 0.00	53.46 0.27 0.00	49.25 0.34 0.00	49.24 0.44 0.00	49.20 0.44 0.00	50.12 0.40 0.00	56.14 0.39 0.00	59.66 0.24 0.00	62.14 0.06 0.00	65.22 0.32 0.00	72.91 0.86 0.00	78.19 1.83 0.00	84.64 2.39 0.00	95.33 2.87 0.00	102.88 3.19 0.00	118.46 3.66 -4.02	126.45 4.85 13.23	158.36 6.21 11.17	127.09 5.34 30.90	89.59 3.67 28.89	77.41 2.38 16.56	75.92 1.59 9.16	70.98 0.91 0.00	62.61 0.25 0.00
STATE_ST_34_KV_LOAD 55959	63.21 0.69 0.00	53.35 0.16 0.00	48.86 -0.05 0.00	48.60 -0.20 0.00	48.57 -0.20 0.00	49.62 -0.10 0.00	55.81 0.06 0.00	59.77 0.36 0.00	62.69 0.62 0.00	65.94 1.04 0.00	73.92 1.87 0.00	78.57 2.21 0.00	84.23 1.97 0.00	94.31 1.85 0.00	101.59 1.89 0.00	112.78 1.99 0.00	137.25 2.43 0.00	165.61 2.29 0.00	155.71 3.05 0.00	117.80 2.99 0.00	94.52 2.93 0.00	85.92 2.42 0.00	71.19 1.12 0.00	63.11 0.75 0.00
STATION_5_MISC_HYD 23604	64.08 1.56 0.00	53.51 0.32 0.00	48.81 -0.10 0.00	48.31 -0.49 0.00	48.32 -0.44 0.00	49.37 -0.35 0.00	55.59 -0.17 0.00	59.78 0.36 0.00	63.44 1.36 0.00	67.04 2.14 0.00	75.71 3.67 0.00	79.87 3.51 0.00	85.54 3.29 0.00	95.89 3.42 0.00	102.68 2.99 0.00	113.55 2.77 0.00	137.52 2.70 0.00	164.62 1.30 0.00	154.95 2.29 0.00	117.79 2.98 0.00	95.72 4.13 0.00	86.84 3.34 0.00	71.68 1.61 0.00	63.67 1.31 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	63.65 1.13 0.00	53.30 0.11 0.00	48.72 -0.20 0.00	48.31 -0.49 0.00	48.32 -0.44 0.00	49.37 -0.35 0.00	55.59 -0.17 0.00	59.71 0.30 0.00	63.13 1.06 0.00	66.59 1.69 0.00	75.07 3.03 0.00	79.41 3.05 0.00	84.88 2.63 0.00	94.87 2.40 0.00	102.09 2.39 0.00	113.11 2.33 0.00	137.25 2.43 0.00	164.63 1.31 0.00	155.10 2.44 0.00	117.68 2.87 0.00	95.07 3.48 0.00	86.42 2.92 0.00	71.26 1.19 0.00	63.36 1.00 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	63.65 1.13 0.00	53.14 -0.05 0.00	48.52 -0.39 0.00	48.02 -0.78 0.00	48.03 -0.73 0.00	49.12 -0.60 0.00	55.25 -0.50 0.00	59.42 0.00 0.00	63.13 1.06 0.00	66.65 1.75 0.00	75.28 3.24 0.00	79.49 3.13 0.00	84.97 2.71 0.00	94.87 2.40 0.00	102.28 2.59 0.00	113.11 2.33 0.00	137.12 2.29 0.00	163.98 0.65 0.00	154.49 1.83 0.00	117.22 2.41 0.00	94.98 3.39 0.00	86.33 2.84 0.00	71.05 0.98 0.00	63.23 0.87 0.00
STA_56___34_KV_BUS2 355983	63.65 1.13 0.00	53.14 -0.05 0.00	48.52 -0.39 0.00	48.02 -0.78 0.00	48.03 -0.73 0.00	49.12 -0.60 0.00	55.25 -0.50 0.00	59.42 0.00 0.00	63.13 1.06 0.00	66.65 1.75 0.00	75.28 3.24 0.00	79.49 3.13 0.00	84.97 2.71 0.00	94.87 2.40 0.00	102.28 2.59 0.00	113.11 2.33 0.00	137.12 2.29 0.00	163.98 0.65 0.00	154.49 1.83 0.00	117.22 2.41 0.00	94.98 3.39 0.00	86.33 2.84 0.00	71.05 0.98 0.00	63.23 0.87 0.00
STA_67___115KV_BK2 355882	63.90 1.38 0.00	53.35 0.16 0.00	48.67 -0.24 0.00	48.16 -0.63 0.00	48.18 -0.59 0.00	49.27 -0.45 0.00	55.42 -0.33 0.00	59.54 0.12 0.00	63.25 1.18 0.00	66.78 1.88 0.00	75.43 3.39 0.00	79.56 3.21 0.00	85.05 2.80 0.00	94.96 2.50 0.00	102.28 2.59 0.00	113.22 2.44 0.00	136.98 2.16 0.00	163.81 0.49 0.00	154.33 1.68 0.00	117.34 2.53 0.00	95.17 3.57 0.00	86.58 3.09 0.00	71.26 1.19 0.00	63.48 1.12 0.00
STA_7___115KV_9TRANS 80674	64.52 2.00 0.00	53.83 0.64 0.00	49.11 0.20 0.00	48.55 -0.24 0.00	48.57 -0.20 0.00	49.72 0.00 0.00	55.92 0.17 0.00	60.13 0.71 0.00	63.94 1.86 0.00	67.56 2.66 0.00	76.44 4.39 0.00	80.63 4.28 0.00	86.04 3.78 0.00	96.07 3.61 0.00	103.68 3.99 0.00	114.44 3.66 0.00	138.60 3.78 0.00	165.77 2.45 0.00	156.32 3.66 0.00	118.71 3.90 0.00	96.26 4.67 0.00	87.50 4.01 0.00	72.03 1.96 0.00	64.11 1.75 0.00
STA_82___115KV_TB1 80780	63.90 1.38 0.00	53.35 0.16 0.00	48.67 -0.24 0.00	48.16 -0.63 0.00	48.18 -0.59 0.00	49.27 -0.45 0.00	55.42 -0.33 0.00	59.54 0.12 0.00	63.25 1.18 0.00	66.78 1.88 0.00	75.50 3.46 0.00	79.64 3.28 0.00	85.05 2.80 0.00	94.96 2.50 0.00	102.28 2.59 0.00	113.22 2.44 0.00	136.98 2.16 0.00	163.81 0.49 0.00	154.49 1.83 0.00	117.34 2.53 0.00	95.17 3.57 0.00	86.58 3.09 0.00	71.26 1.19 0.00	63.48 1.12 0.00
STEEL___WIND 323596	64.52 2.00 0.00	53.46 0.27 0.00	48.38 -0.54 0.00	47.97 -0.83 0.00	47.98 -0.78 0.00	48.92 -0.80 0.00	55.20 -0.56 0.00	59.60 0.18 0.00	63.56 1.49 0.00	67.17 2.27 0.00	76.15 4.10 0.00	80.10 3.74 0.00	85.79 3.53 0.00	96.17 3.70 0.00	102.39 2.69 0.00	113.44 2.65 0.00	137.11 2.29 0.00	162.35 -0.97 0.00	153.87 1.22 0.00	117.91 3.10 0.00	96.63 5.03 0.00	87.83 4.34 0.00	72.10 2.03 0.00	64.42 2.05 0.00
STEPHTWN_115KV_BK_2 55603	62.83 0.31 0.00	53.56 0.37 0.00	49.40 0.49 0.00	49.38 0.59 0.00	49.30 0.54 0.00	50.26 0.55 0.00	56.37 0.61 0.00	59.83 0.42 0.00	62.32 0.25 0.00	65.42 0.52 0.00	73.05 1.01 0.00	78.34 1.99 0.00	84.80 2.55 0.00	95.51 3.05 0.00	103.08 3.39 0.00	60.23 3.99 54.54	59.21 5.39 81.01	61.43 7.02 108.91	122.36 6.11 36.40	85.02 4.25 34.04	74.83 2.75 19.51	74.62 1.92 10.79	71.26 1.19 0.00	62.86 0.50 0.00
STEUBEN_REC_LFGE 323667	65.21 2.69 0.00	54.15 0.96 0.00	49.16 0.24 0.00	48.75 -0.05 0.00	48.76 0.00 0.00	49.82 0.10 0.00	56.37 0.61 0.00	60.61 1.19 0.00	63.81 1.74 0.00	67.43 2.53 0.00	76.00 3.96 0.00	80.40 4.05 0.00	85.71 3.45 0.00	95.24 2.77 0.00	102.18 2.49 0.00	113.33 2.55 0.00	137.79 2.97 0.00	164.79 1.47 0.00	156.93 4.27 0.00	120.44 5.63 0.00	98.10 6.50 0.00	89.51 6.01 0.00	73.08 3.01 0.00	65.23 2.87 0.00
STILLWATER___SOLAR 323814	64.96 2.44 0.00	55.26 2.07 0.00	50.77 1.86 0.00	50.70 1.90 0.00	50.66 1.90 0.00	51.65 1.94 0.00	57.93 2.17 0.00	61.62 2.20 0.00	64.12 2.05 0.00	67.04 2.14 0.00	74.56 2.52 0.00	79.87 3.51 0.00	86.44 4.19 0.00	97.36 4.90 0.00	104.97 5.28 0.00	131.04 6.20 -14.05	178.28 7.95 -35.51	216.48 10.46 -42.70	197.56 9.92 -34.99	155.10 7.58 -32.71	116.30 5.95 -18.75	98.38 4.51 -10.37	73.57 3.50 0.00	64.98 2.62 0.00
STONY___BROOK 24151	65.34 2.82 0.00	56.65 3.46 -0.01	52.20 3.28 -0.01	51.77 2.98 0.00	51.54 2.78 0.00	53.05 3.33 0.00	59.15 3.40 0.00	62.51 3.09 0.00	64.37 2.30 0.00	66.78 1.88 0.00	74.34 2.30 0.01	81.01 4.66 0.00	89.81 7.56 0.00	102.77 9.71 -0.60	130.45 11.06 -19.70	266.20 12.73 -142.68	258.93 16.17 -107.93	296.25 19.43 -113.50	262.07 17.40 -92.02	242.82 12.05 -115.95	130.82 8.25 -30.98	88.92 5.42 0.00	72.94 2.87 0.00	62.47 0.12 0.02
STURGEON_POOL_HYD 23609	63.96 1.44 0.00	54.73 1.54 0.00	50.43 1.52 0.00	50.31 1.51 0.00	50.27 1.51 0.00	51.21 1.49 0.00	57.31 1.56 0.00	60.90 1.49 0.00	63.44 1.37 0.00	66.85 1.95 0.00	75.21 3.17 0.00	81.01 4.66 0.00	87.93 5.68 0.00	99.03 6.56 0.00	107.47 7.78 0.00	115.83 9.42 4.37	140.28 12.67 7.22	169.06 15.19 9.45	162.05 13.59 4.19	120.20 9.30 3.91	95.49 6.14 2.24	87.01 4.76 1.24	72.87 2.80 0.00	63.86 1.50 0.00

ST_LAW_115_BK7_LBMP 345037	63.08 0.56 0.00	53.72 0.53 0.00	49.35 0.44 0.00	49.24 0.44 0.00	49.20 0.44 0.00	50.16 0.45 0.00	56.37 0.61 0.00	59.95 0.53 0.00	62.57 0.49 0.00	64.96 0.06 0.00	71.10 -0.94 0.00	74.22 -2.14 0.00	79.62 -2.64 0.00	88.95 -3.51 0.00	95.90 -3.79 0.00	106.57 -4.21 0.00	129.43 -5.40 0.00	157.45 -5.87 0.00	147.01 -5.65 0.00	110.68 -4.13 0.00	88.48 -3.11 0.00	81.66 -1.84 0.00	69.58 -0.49 0.00	62.61 0.25 0.00
ST_LAW_115_BK8_LBMP 345038	63.08 0.56 0.00	53.72 0.53 0.00	49.35 0.44 0.00	49.24 0.44 0.00	49.20 0.44 0.00	50.16 0.45 0.00	56.37 0.61 0.00	59.95 0.53 0.00	62.57 0.49 0.00	64.96 0.06 0.00	71.10 -0.94 0.00	74.22 -2.14 0.00	79.62 -2.64 0.00	88.95 -3.51 0.00	95.90 -3.79 0.00	106.57 -4.21 0.00	129.43 -5.40 0.00	157.45 -5.87 0.00	147.01 -5.65 0.00	110.68 -4.13 0.00	88.48 -3.11 0.00	81.66 -1.84 0.00	69.58 -0.49 0.00	62.61 0.25 0.00
ST_LAW_230_BK5_LBMP 345035	63.02 0.50 0.00	53.61 0.42 0.00	49.30 0.39 0.00	49.14 0.34 0.00	49.10 0.34 0.00	50.07 0.35 0.00	56.31 0.56 0.00	59.89 0.47 0.00	62.51 0.44 0.00	64.90 0.00 0.00	71.18 -0.86 0.00	74.37 -1.99 0.00	79.79 -2.47 0.00	89.22 -3.24 0.00	96.20 -3.49 0.00	107.02 -3.77 0.00	129.84 -4.99 0.00	157.94 -5.39 0.00	147.46 -5.19 0.00	111.03 -3.79 0.00	88.66 -2.93 0.00	81.74 -1.76 0.00	69.58 -0.49 0.00	62.61 0.25 0.00
ST_LAW_230_BK6_LBMP 345036	63.02 0.50 0.00	53.61 0.42 0.00	49.30 0.39 0.00	49.14 0.34 0.00	49.10 0.34 0.00	50.07 0.35 0.00	56.31 0.56 0.00	59.89 0.47 0.00	62.51 0.44 0.00	64.90 0.00 0.00	71.18 -0.86 0.00	74.37 -1.99 0.00	79.79 -2.47 0.00	89.22 -3.24 0.00	96.20 -3.49 0.00	107.02 -3.77 0.00	129.84 -4.99 0.00	157.94 -5.39 0.00	147.46 -5.19 0.00	111.03 -3.79 0.00	88.66 -2.93 0.00	81.74 -1.76 0.00	69.58 -0.49 0.00	62.61 0.25 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	63.40 0.88 0.00	54.31 1.12 0.00	49.99 1.08 0.00	49.87 1.07 0.00	49.83 1.07 0.00	50.81 1.09 0.00	56.98 1.23 0.00	60.55 1.13 0.00	63.13 1.06 0.00	66.52 1.62 0.00	74.78 2.74 0.00	80.56 4.20 0.00	87.35 5.10 0.00	98.47 6.01 0.00	106.77 7.08 0.00	121.63 8.31 -2.54	148.68 11.06 -2.80	180.65 13.23 -4.10	164.26 11.60 0.00	122.73 7.92 0.00	96.72 5.13 0.00	87.25 3.76 0.00	72.31 2.24 0.00	63.36 1.00 0.00
SWANROAD_115KV_TB1 355699	63.33 0.81 0.00	52.39 -0.80 0.00	47.59 -1.32 0.00	47.14 -1.66 0.00	47.15 -1.61 0.00	48.08 -1.64 0.00	53.97 -1.78 0.00	57.58 -1.84 0.00	61.64 -0.43 0.00	65.22 0.32 0.00	73.92 1.87 0.00	77.50 1.15 0.00	82.58 0.33 0.00	91.91 -0.55 0.00	98.70 -1.00 0.00	109.23 -1.55 0.00	131.59 -3.24 0.00	155.48 -7.84 0.00	147.62 -5.04 0.00	113.09 -1.72 0.00	92.88 1.28 0.00	84.58 1.09 0.00	69.30 -0.77 0.00	62.92 0.56 0.00
SYNERGY___BIOGAS 323694	65.65 3.13 0.00	54.36 1.17 0.00	49.45 0.54 0.00	48.80 0.00 0.00	48.86 0.10 0.00	50.02 0.30 0.00	56.26 0.50 0.00	60.37 0.95 0.00	64.37 2.30 0.00	68.01 3.12 0.00	77.08 5.04 0.00	81.01 4.66 0.00	86.36 4.11 0.00	96.25 3.79 0.00	103.58 3.89 0.00	114.44 3.66 0.00	138.46 3.64 0.00	164.47 1.14 0.00	156.16 3.51 0.00	119.40 4.59 0.00	97.64 6.05 0.00	88.76 5.26 0.00	72.52 2.45 0.00	65.10 2.74 0.00
SYRACUSE___ENERGY_ST1 323597	62.27 -0.25 0.00	52.71 -0.48 0.00	48.28 -0.64 0.00	48.07 -0.73 0.00	48.03 -0.73 0.00	49.02 -0.70 0.00	55.08 -0.67 0.00	59.00 -0.42 0.00	61.83 -0.25 0.00	64.96 0.06 0.00	72.62 0.58 0.00	77.20 0.84 0.00	82.83 0.58 0.00	92.93 0.46 0.00	100.09 0.40 0.00	111.12 0.33 0.00	135.09 0.27 0.00	163.16 -0.16 0.00	152.96 0.31 0.00	115.39 0.57 0.00	92.42 0.82 0.00	84.00 0.50 0.00	69.93 -0.14 0.00	61.99 -0.37 0.00
SYRACUSE___ENERGY_ST2 323598	62.27 -0.25 0.00	52.71 -0.48 0.00	48.28 -0.64 0.00	48.07 -0.73 0.00	48.03 -0.73 0.00	49.02 -0.70 0.00	55.08 -0.67 0.00	59.00 -0.42 0.00	61.83 -0.25 0.00	64.96 0.06 0.00	72.62 0.58 0.00	77.20 0.84 0.00	82.83 0.58 0.00	92.93 0.46 0.00	100.09 0.40 0.00	111.12 0.33 0.00	135.09 0.27 0.00	163.16 -0.16 0.00	152.96 0.31 0.00	115.39 0.57 0.00	92.42 0.82 0.00	84.00 0.50 0.00	69.93 -0.14 0.00	61.99 -0.37 0.00
SYRACUSE___POWER 24017	62.27 -0.25 0.00	52.71 -0.48 0.00	48.33 -0.59 0.00	48.11 -0.68 0.00	48.08 -0.68 0.00	49.07 -0.65 0.00	55.14 -0.61 0.00	59.06 -0.36 0.00	61.89 -0.19 0.00	65.09 0.19 0.00	72.83 0.79 0.00	77.50 1.15 0.00	83.07 0.82 0.00	93.30 0.83 0.00	100.49 0.80 0.00	111.56 0.78 0.00	135.77 0.94 0.00	163.98 0.65 0.00	153.72 1.07 0.00	115.96 1.15 0.00	92.78 1.19 0.00	84.33 0.83 0.00	70.14 0.07 0.00	62.17 -0.19 0.00
TALLMAN_138KV_BK151 55660	63.40 0.88 0.00	54.36 1.17 0.00	50.09 1.17 0.00	49.97 1.17 0.00	49.88 1.12 0.00	50.91 1.19 0.00	57.09 1.34 0.00	60.67 1.25 0.00	63.19 1.12 0.00	66.65 1.75 0.00	75.07 3.03 0.00	81.01 4.66 0.00	87.93 5.68 0.00	99.12 6.66 0.00	107.57 7.88 0.00	122.84 9.31 -2.75	150.13 12.27 -3.04	182.46 14.70 -4.44	165.48 12.82 0.00	123.54 8.73 0.00	97.18 5.59 0.00	87.50 4.01 0.00	72.38 2.31 0.00	63.36 1.00 0.00
TEALLAVE_115KV_TB7 355573	62.08 -0.44 0.00	52.50 -0.69 0.00	48.13 -0.78 0.00	47.92 -0.88 0.00	47.93 -0.83 0.00	48.92 -0.80 0.00	54.97 -0.78 0.00	58.88 -0.53 0.00	61.70 -0.37 0.00	64.90 0.00 0.00	72.69 0.65 0.00	77.27 0.92 0.00	82.91 0.66 0.00	93.02 0.55 0.00	100.19 0.50 0.00	111.34 0.55 0.00	135.36 0.54 0.00	163.32 0.00 0.00	153.11 0.46 0.00	115.50 0.69 0.00	92.42 0.82 0.00	84.00 0.50 0.00	69.86 -0.21 0.00	61.99 -0.37 0.00
TELGRAPH_34_KV_EAST 80808	64.46 1.94 0.00	53.40 0.21 0.00	48.47 -0.44 0.00	47.97 -0.83 0.00	47.98 -0.78 0.00	49.02 -0.70 0.00	55.14 -0.61 0.00	59.06 -0.36 0.00	63.13 1.06 0.00	66.72 1.82 0.00	75.64 3.60 0.00	79.41 3.05 0.00	84.64 2.39 0.00	94.22 1.76 0.00	101.39 1.69 0.00	112.11 1.33 0.00	135.36 0.54 0.00	160.22 -3.10 0.00	152.20 -0.46 0.00	116.42 1.61 0.00	95.35 3.76 0.00	86.75 3.26 0.00	70.98 0.91 0.00	63.98 1.62 0.00
TEMPLE___115KV_TB 2 55572	62.08 -0.44 0.00	52.55 -0.64 0.00	48.18 -0.73 0.00	47.97 -0.83 0.00	47.93 -0.83 0.00	48.92 -0.80 0.00	55.03 -0.72 0.00	58.88 -0.53 0.00	61.76 -0.31 0.00	64.96 0.06 0.00	72.76 0.72 0.00	77.43 1.07 0.00	82.99 0.74 0.00	93.11 0.65 0.00	100.39 0.70 0.00	111.45 0.66 0.00	135.50 0.67 0.00	163.49 0.16 0.00	153.11 0.46 0.00	115.61 0.80 0.00	92.51 0.92 0.00	84.08 0.58 0.00	69.93 -0.14 0.00	61.99 -0.37 0.00
TIANA___69_KV_BK 1 55817	65.71 3.19 0.00	56.97 3.78 0.00	52.53 3.62 0.00	52.12 3.32 0.00	51.88 3.12 0.00	53.45 3.73 0.00	59.60 3.85 0.00	62.86 3.45 0.00	64.74 2.67 0.00	67.50 2.60 0.00	75.71 3.67 0.01	82.62 6.26 0.00	91.46 9.21 0.00	104.33 11.56 -0.31	128.77 13.06 -16.01	239.91 15.07 -114.06	250.46 19.01 -96.62	289.03 23.03 -102.68	244.47 20.91 -70.90	219.72 14.58 -90.33	125.82 10.26 -23.97	90.59 7.10 0.00	73.85 3.78 0.00	63.41 1.06 0.02

TILDEN___115KV_TB1 80814	62.27 -0.25 0.00	52.71 -0.48 0.00	48.33 -0.59 0.00	48.11 -0.68 0.00	48.08 -0.68 0.00	49.07 -0.65 0.00	55.14 -0.61 0.00	59.06 -0.36 0.00	61.89 -0.19 0.00	65.09 0.19 0.00	72.83 0.79 0.00	77.50 1.15 0.00	83.07 0.82 0.00	93.30 0.83 0.00	100.49 0.80 0.00	111.56 0.78 0.00	135.77 0.94 0.00	163.98 0.65 0.00	153.72 1.07 0.00	115.96 1.15 0.00	92.78 1.19 0.00	84.33 0.83 0.00	70.14 0.07 0.00	62.17 -0.19 0.00
TRIGEN___CC 323695	64.46 1.94 0.00	55.69 2.50 0.00	51.31 2.40 0.00	50.99 2.20 0.00	50.86 2.10 0.00	52.15 2.44 0.00	58.26 2.51 0.00	61.68 2.26 0.00	63.69 1.61 0.00	66.59 1.69 0.00	74.92 2.88 0.01	81.47 5.12 0.00	89.33 7.07 0.00	101.06 8.60 0.00	109.76 10.07 0.00	137.81 11.63 -15.40	211.70 14.83 -62.05	252.60 17.80 -71.48	168.38 15.72 0.00	125.60 10.79 0.00	98.92 7.33 0.00	88.34 4.84 0.00	72.75 2.66 -0.02	62.91 0.56 0.01
TRINITY___115KV___4 BK 55933	62.27 -0.25 0.00	53.19 0.00 0.00	49.06 0.15 0.00	49.04 0.24 0.00	49.00 0.24 0.00	49.92 0.20 0.00	55.87 0.11 0.00	59.36 -0.06 0.00	61.83 -0.25 0.00	64.90 0.00 0.00	72.47 0.43 0.00	77.73 1.37 0.00	84.14 1.89 0.00	94.78 2.31 0.00	102.38 2.69 0.00	101.98 3.10 11.90	105.54 4.18 33.46	129.16 5.39 39.55	121.67 4.58 35.57	84.66 3.10 33.25	74.45 1.92 19.06	74.12 1.17 10.55	70.63 0.56 0.00	62.30 -0.06 0.00
UNION___PROCESSING_DRP 323587	63.90 1.38 0.00	53.35 0.16 0.00	48.67 -0.24 0.00	48.21 -0.59 0.00	48.18 -0.59 0.00	49.27 -0.45 0.00	55.42 -0.33 0.00	59.60 0.18 0.00	63.32 1.24 0.00	66.85 1.95 0.00	75.50 3.46 0.00	79.64 3.28 0.00	85.05 2.80 0.00	94.96 2.50 0.00	102.38 2.69 0.00	113.22 2.44 0.00	137.12 2.29 0.00	163.81 0.49 0.00	154.49 1.83 0.00	117.45 2.64 0.00	95.26 3.66 0.00	86.58 3.09 0.00	71.26 1.19 0.00	63.55 1.18 0.00
UPPER HUDSON___HYD 24058	65.02 2.50 0.00	55.21 2.02 0.00	50.67 1.76 0.00	50.55 1.75 0.00	50.57 1.81 0.00	51.61 1.89 0.00	57.93 2.17 0.00	61.62 2.20 0.00	64.19 2.11 0.00	67.11 2.21 0.00	74.13 2.09 0.00	79.41 3.06 0.00	85.96 3.70 0.00	96.72 4.26 0.00	103.98 4.28 0.00	127.72 5.21 -11.73	168.14 6.60 -26.72	205.34 9.30 -32.71	186.53 9.78 -24.10	145.04 7.69 -22.53	110.74 6.23 -12.92	95.23 4.59 -7.15	73.71 3.64 0.00	65.04 2.68 0.00
UPPER RAQUET___HYD 24056	64.27 1.75 0.00	54.84 1.65 0.00	50.33 1.42 0.00	50.16 1.36 0.00	50.18 1.41 0.00	51.21 1.49 0.00	57.76 2.00 0.00	61.26 1.84 0.00	63.81 1.74 0.00	65.74 0.84 0.00	71.83 -0.22 0.00	73.99 -2.37 0.00	78.96 -3.29 0.00	87.65 -4.81 0.00	93.91 -5.78 0.00	104.36 -6.43 0.00	126.46 -8.36 0.00	154.82 -8.50 0.00	144.87 -7.78 0.00	109.53 -5.28 0.00	87.75 -3.84 0.00	81.32 -2.17 0.00	69.93 -0.14 0.00	63.17 0.81 0.00
VALLEY44_115KV_TB2 355964	63.27 0.75 0.00	52.55 -0.64 0.00	47.64 -1.27 0.00	47.33 -1.46 0.00	47.35 -1.41 0.00	48.33 -1.39 0.00	54.53 -1.23 0.00	58.88 -0.53 0.00	62.63 0.56 0.00	66.13 1.23 0.00	74.78 2.74 0.00	79.11 2.75 0.00	84.55 2.30 0.00	94.31 1.85 0.00	101.29 1.60 0.00	112.45 1.66 0.00	136.71 1.89 0.00	162.18 -1.14 0.00	154.18 1.53 0.00	118.03 3.21 0.00	95.81 4.21 0.00	87.17 3.67 0.00	70.91 0.84 0.00	63.36 1.00 0.00
VALLEY___115KV_TB 1-4 80826	62.89 0.38 0.00	53.46 0.27 0.00	49.16 0.24 0.00	49.04 0.24 0.00	49.00 0.24 0.00	50.02 0.30 0.00	56.09 0.33 0.00	59.83 0.42 0.00	62.45 0.37 0.00	65.48 0.58 0.00	72.91 0.86 0.00	77.65 1.30 0.00	83.57 1.32 0.00	94.13 1.66 0.00	101.49 1.79 0.00	112.78 1.99 0.00	137.12 2.29 0.00	166.10 2.78 0.00	155.40 2.75 0.00	116.65 1.84 0.00	92.88 1.28 0.00	84.58 1.09 0.00	70.77 0.70 0.00	62.73 0.37 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	64.71 2.19 0.00	55.00 1.81 0.00	50.53 1.61 0.00	50.60 1.81 0.00	50.56 1.80 0.00	51.56 1.84 0.00	57.76 2.01 0.00	61.73 2.32 0.00	64.37 2.30 0.00	67.69 2.79 0.00	75.86 3.82 0.00	81.17 4.81 0.00	87.35 5.10 0.00	98.57 6.10 0.00	106.37 6.68 0.00	117.98 7.20 0.00	143.45 8.63 0.00	173.78 10.45 0.00	162.73 10.08 0.00	122.04 7.23 0.00	97.00 5.40 0.00	88.00 4.51 0.00	73.15 3.08 0.00	64.54 2.18 0.00
VISCHER___FERRY HYD 24020	63.89 1.37 0.00	54.46 1.27 0.00	50.18 1.27 0.00	50.12 1.32 0.00	50.08 1.32 0.00	51.06 1.34 0.00	57.15 1.39 0.00	60.79 1.37 0.00	63.38 1.31 0.00	66.39 1.49 0.00	74.13 2.09 0.00	79.56 3.21 0.00	86.20 3.95 0.00	97.08 4.62 0.00	104.77 5.08 0.00	138.34 5.87 -21.68	206.16 7.55 -63.79	247.67 9.47 -74.88	231.10 8.70 -69.74	186.33 6.31 -65.21	133.65 4.67 -37.38	107.68 3.51 -20.68	72.52 2.45 0.00	63.98 1.62 0.00
V_A_10_SYNC_DSASP 323832	63.14 0.63 0.00	52.50 -0.69 0.00	47.74 -1.17 0.00	47.28 -1.51 0.00	47.35 -1.41 0.00	48.28 -1.44 0.00	54.36 -1.39 0.00	58.41 -1.01 0.00	62.32 0.25 0.00	65.87 0.97 0.00	74.49 2.45 0.00	78.27 1.91 0.00	83.40 1.15 0.00	93.02 0.55 0.00	100.09 0.40 0.00	110.78 0.00 0.00	133.48 -1.35 0.00	158.59 -4.74 0.00	150.21 -2.44 0.00	114.70 -0.11 0.00	93.70 2.11 0.00	85.33 1.84 0.00	70.07 0.00 0.00	62.86 0.50 0.00
V_CMM_10_SYNC_DSASP 323787	63.46 0.94 0.00	53.99 0.80 0.00	49.65 0.73 0.00	49.48 0.68 0.00	49.44 0.68 0.00	50.41 0.70 0.00	56.70 0.95 0.00	60.37 0.95 0.00	63.01 0.93 0.00	65.36 0.46 0.00	71.68 -0.36 0.00	74.83 -1.53 0.00	80.11 -2.14 0.00	89.41 -3.05 0.00	96.41 -3.29 0.00	107.02 -3.77 0.00	129.98 -4.85 0.00	158.26 -5.06 0.00	147.62 -5.03 0.00	111.13 -3.68 0.00	88.85 -2.75 0.00	82.16 -1.34 0.00	70.00 -0.07 0.00	62.98 0.62 0.00
V_CMP_10_SYNC_DSASP 323788	63.46 0.94 0.00	53.93 0.74 0.00	49.55 0.63 0.00	49.38 0.59 0.00	49.35 0.59 0.00	50.36 0.64 0.00	56.76 1.00 0.00	60.49 1.07 0.00	63.19 1.12 0.00	65.61 0.72 0.00	71.97 -0.07 0.00	75.13 -1.22 0.00	80.28 -1.97 0.00	89.32 -3.14 0.00	96.41 -3.29 0.00	107.13 -3.65 0.00	129.98 -4.85 0.00	158.58 -4.74 0.00	147.76 -4.89 0.00	111.37 -3.44 0.00	89.31 -2.29 0.00	82.74 -0.75 0.00	70.21 0.14 0.00	62.98 0.62 0.00
V_D_10_SYNC_DSASP 323841	64.08 1.56 0.00	54.57 1.38 0.00	50.14 1.22 0.00	49.97 1.17 0.00	49.93 1.17 0.00	50.91 1.19 0.00	57.31 1.56 0.00	60.84 1.42 0.00	63.50 1.43 0.00	65.81 0.91 0.00	72.04 0.00 0.00	74.83 -1.53 0.00	80.03 -2.22 0.00	89.14 -3.32 0.00	96.11 -3.58 0.00	106.80 -3.98 0.00	129.56 -5.26 0.00	157.94 -5.39 0.00	147.31 -5.35 0.00	111.03 -3.79 0.00	88.93 -2.66 0.00	82.33 -1.17 0.00	70.35 0.28 0.00	63.42 1.06 0.00
V_E_10_SYNC_DSASP 323830	67.96 5.44 0.00	57.07 3.88 0.00	52.00 3.08 0.00	51.92 3.13 0.00	51.98 3.22 0.00	53.25 3.53 0.00	60.22 4.46 0.00	64.70 5.29 0.00	67.29 5.21 0.00	70.67 5.77 0.00	79.25 7.20 0.00	84.53 8.17 0.00	90.23 7.98 0.00	102.17 9.71 0.00	109.76 10.06 0.00	122.20 11.41 0.00	148.30 13.48 0.00	180.47 17.14 0.00	170.51 17.85 0.00	128.70 13.89 0.00	102.95 11.36 0.00	93.01 9.51 0.00	76.94 6.87 0.00	67.91 5.55 0.00

V_F_30_NSYNC___DSASP 323816	65.08 2.56 0.00	55.32 2.13 0.00	50.87 1.96 0.00	50.75 1.95 0.00	50.76 2.00 0.00	51.76 2.04 0.00	58.04 2.29 0.00	61.67 2.26 0.00	64.25 2.17 0.00	67.23 2.33 0.00	74.78 2.74 0.00	80.10 3.74 0.00	86.61 4.36 0.00	97.64 5.17 0.00	105.17 5.48 0.00	130.22 6.42 -13.01	174.62 8.23 -31.57	212.16 10.61 -38.22	193.00 10.23 -30.11	150.78 7.81 -28.16	113.78 6.04 -16.14	97.10 4.67 -8.93	73.64 3.57 0.00	65.04 2.68 0.00
V_F_30_SYNC_DSASP 323786	62.64 0.13 0.00	53.46 0.27 0.00	49.25 0.34 0.00	49.24 0.44 0.00	49.20 0.44 0.00	50.12 0.40 0.00	56.14 0.39 0.00	59.66 0.24 0.00	62.14 0.06 0.00	65.22 0.32 0.00	72.83 0.79 0.00	78.19 1.83 0.00	84.55 2.30 0.00	95.33 2.87 0.00	102.88 3.19 0.00	117.13 3.66 -2.69	124.78 4.85 14.90	156.00 6.21 13.52	126.57 5.19 31.28	89.24 3.67 29.24	77.12 2.29 16.76	75.81 1.59 9.27	70.98 0.91 0.00	62.61 0.25 0.00
V_XM_10_SYNC_DSASP 323789	63.46 0.94 0.00	53.93 0.74 0.00	49.55 0.63 0.00	49.38 0.59 0.00	49.35 0.59 0.00	50.36 0.64 0.00	56.76 1.00 0.00	60.49 1.07 0.00	63.19 1.12 0.00	65.61 0.72 0.00	71.97 -0.07 0.00	75.13 -1.22 0.00	80.28 -1.97 0.00	89.32 -3.14 0.00	96.41 -3.29 0.00	107.13 -3.65 0.00	129.98 -4.85 0.00	158.58 -4.74 0.00	147.76 -4.89 0.00	111.37 -3.44 0.00	89.31 -2.29 0.00	82.74 -0.75 0.00	70.21 0.14 0.00	62.98 0.62 0.00
W.BABYLN_69_KV_BK1 56697	65.77 3.25 0.00	56.97 3.78 0.00	52.43 3.52 0.00	52.02 3.22 0.00	51.78 3.02 0.00	53.30 3.58 0.00	59.49 3.74 0.00	62.92 3.51 0.00	64.87 2.79 0.00	67.50 2.60 0.00	75.42 3.39 0.01	82.31 5.96 0.00	90.64 8.39 0.00	102.47 10.45 0.44	115.02 12.06 -3.26	150.72 14.18 -25.76	215.45 18.07 -62.56	255.46 21.72 -70.42	178.33 19.54 -6.13	139.40 13.66 -10.93	103.41 9.43 -2.39	89.92 6.43 0.00	73.71 3.64 0.00	63.34 1.00 0.01
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	63.65 1.13 0.00	54.57 1.38 0.00	50.28 1.37 0.00	50.11 1.32 0.00	50.08 1.32 0.00	51.11 1.39 0.00	57.31 1.56 0.00	60.90 1.49 0.00	63.50 1.43 0.00	66.91 2.01 0.00	75.36 3.31 0.00	81.40 5.04 0.00	88.34 6.09 0.00	99.58 7.12 0.00	108.07 8.37 0.00	123.46 9.86 -2.81	150.87 12.94 -3.11	183.38 15.52 -4.55	166.24 13.59 0.00	124.00 9.18 0.00	97.64 6.05 0.00	87.92 4.43 0.00	72.73 2.66 0.00	63.61 1.25 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	63.83 1.31 0.00	55.00 1.81 0.00	50.67 1.76 0.00	50.51 1.71 0.00	50.47 1.71 0.00	51.51 1.79 0.00	57.70 1.95 0.00	61.26 1.84 0.00	63.87 1.80 0.00	67.50 2.60 0.00	76.00 3.96 0.00	82.16 5.80 0.00	89.33 7.07 0.00	100.51 8.04 0.00	109.36 9.67 0.00	125.14 11.30 -3.05	152.49 14.29 -3.37	185.41 17.15 -4.93	167.31 14.65 0.00	124.69 9.87 0.00	98.01 6.41 0.00	88.09 4.59 0.00	73.01 2.94 0.00	63.79 1.43 0.00
W50THST__13_KV_LOAD 356117	64.15 1.63 0.00	55.26 2.07 0.00	50.92 2.01 0.00	50.75 1.95 0.00	50.71 1.95 0.00	51.81 2.09 0.00	58.10 2.34 0.00	61.68 2.26 0.00	64.31 2.23 0.00	67.95 3.05 0.00	76.65 4.61 0.00	82.77 6.41 0.00	90.07 7.81 0.00	101.43 8.97 0.00	110.26 10.57 0.00	126.25 12.41 -3.05	153.70 15.50 -3.37	187.04 18.78 -4.93	168.68 16.03 0.00	125.49 10.68 0.00	98.65 7.05 0.00	88.67 5.18 0.00	73.43 3.36 0.00	64.11 1.75 0.00
WADING RIVER_IC_1 23522	64.89 2.38 0.00	56.23 3.03 -0.01	51.85 2.93 -0.01	51.43 2.63 0.00	51.15 2.39 0.00	52.70 2.98 0.00	58.76 3.01 0.00	61.91 2.50 0.00	63.68 1.61 0.00	66.13 1.23 0.00	73.98 1.95 0.01	80.78 4.43 0.00	89.81 7.56 0.00	102.48 9.71 -0.31	126.73 11.06 -15.97	237.16 12.62 -113.75	247.49 16.17 -96.50	285.80 19.92 -102.56	241.34 18.00 -70.68	217.28 12.40 -90.06	124.09 8.61 -23.89	89.18 5.68 0.00	72.80 2.73 0.00	62.41 0.06 0.02
WADING RIVER_IC_2 23547	64.89 2.38 0.00	56.23 3.03 -0.01	51.85 2.93 -0.01	51.43 2.63 0.00	51.15 2.39 0.00	52.70 2.98 0.00	58.76 3.01 0.00	61.91 2.50 0.00	63.68 1.61 0.00	66.13 1.23 0.00	73.98 1.95 0.01	80.78 4.43 0.00	89.81 7.56 0.00	102.48 9.71 -0.31	126.73 11.06 -15.97	237.16 12.62 -113.75	247.49 16.17 -96.50	285.80 19.92 -102.56	241.34 18.00 -70.68	217.28 12.40 -90.06	124.09 8.61 -23.89	89.18 5.68 0.00	72.80 2.73 0.00	62.41 0.06 0.02
WADING RIVER_IC_3 23601	64.89 2.38 0.00	56.23 3.03 -0.01	51.85 2.93 -0.01	51.43 2.63 0.00	51.15 2.39 0.00	52.70 2.98 0.00	58.76 3.01 0.00	61.91 2.50 0.00	63.68 1.61 0.00	66.13 1.23 0.00	73.98 1.95 0.01	80.78 4.43 0.00	89.81 7.56 0.00	102.48 9.71 -0.31	126.73 11.06 -15.97	237.16 12.62 -113.75	247.49 16.17 -96.50	285.80 19.92 -102.56	241.34 18.00 -70.68	217.28 12.40 -90.06	124.09 8.61 -23.89	89.18 5.68 0.00	72.80 2.73 0.00	62.41 0.06 0.02
WALDENNY_12_KV_BK2 80841	64.71 2.19 0.00	53.56 0.37 0.00	48.47 -0.44 0.00	48.07 -0.73 0.00	48.08 -0.68 0.00	49.07 -0.65 0.00	55.31 -0.45 0.00	59.60 0.18 0.00	63.69 1.61 0.00	67.43 2.53 0.00	76.44 4.39 0.00	80.40 4.05 0.00	85.87 3.62 0.00	95.70 3.24 0.00	102.78 3.09 0.00	113.77 2.99 0.00	137.52 2.70 0.00	162.34 -0.98 0.00	154.33 1.68 0.00	118.03 3.21 0.00	96.54 4.95 0.00	87.84 4.34 0.00	71.82 1.75 0.00	64.54 2.18 0.00
WALDEN__HYDRO 24148	63.83 1.31 0.00	54.63 1.44 0.00	50.28 1.37 0.00	50.16 1.37 0.00	50.13 1.37 0.00	51.11 1.39 0.00	57.31 1.56 0.00	60.90 1.49 0.00	63.50 1.43 0.00	66.91 2.01 0.00	75.28 3.24 0.00	81.09 4.73 0.00	87.93 5.68 0.00	99.12 6.66 0.00	107.47 7.78 0.00	121.91 9.08 -2.04	149.21 12.13 -2.26	181.32 14.70 -3.30	165.63 12.98 0.00	123.77 8.96 0.00	97.55 5.95 0.00	87.92 4.43 0.00	72.87 2.80 0.00	63.79 1.43 0.00
WARRENSBURG____ 23737	65.02 2.50 0.00	55.21 2.02 0.00	50.67 1.76 0.00	50.55 1.76 0.00	50.56 1.80 0.00	51.61 1.89 0.00	57.93 2.17 0.00	61.62 2.20 0.00	64.18 2.11 0.00	67.17 2.27 0.00	74.20 2.16 0.00	79.41 3.05 0.00	85.95 3.70 0.00	96.62 4.16 0.00	103.98 4.29 0.00	127.72 5.21 -11.73	168.15 6.61 -26.72	205.51 9.47 -32.71	186.52 9.77 -24.10	145.04 7.69 -22.53	110.47 5.95 -12.92	95.23 4.59 -7.15	73.71 3.64 0.00	65.04 2.68 0.00
WATERSIDE____6 8 9 23538	61.41 0.75 1.86	54.84 1.65 0.00	50.87 1.96 0.00	50.75 1.95 0.00	50.66 1.90 0.00	51.56 1.84 0.00	57.54 1.78 0.00	60.67 1.25 0.00	62.78 1.12 0.41	66.17 1.82 0.54	67.25 3.17 7.96	75.07 4.89 6.17	88.34 6.09 0.00	99.31 6.84 0.00	107.97 8.27 0.00	123.70 9.86 -3.05	143.54 12.54 3.82	183.28 15.03 -4.93	146.42 12.98 19.21	94.67 8.50 28.64	74.92 5.31 21.99	63.32 3.67 23.85	62.63 2.17 9.61	61.91 0.81 1.26
WATKINRD_115KV_LN8_ILLION 55919	62.71 0.19 0.00	53.35 0.16 0.00	49.06 0.15 0.00	48.94 0.15 0.00	48.91 0.15 0.00	49.92 0.20 0.00	55.98 0.22 0.00	59.66 0.24 0.00	62.26 0.19 0.00	65.22 0.32 0.00	72.62 0.58 0.00	77.27 0.92 0.00	83.24 0.99 0.00	93.76 1.29 0.00	101.09 1.40 0.00	112.33 1.55 0.00	136.71 1.89 0.00	165.61 2.29 0.00	154.94 2.29 0.00	116.42 1.61 0.00	92.69 1.10 0.00	84.33 0.83 0.00	70.56 0.49 0.00	62.61 0.25 0.00

WDELAWARE___HYD 323627	63.96 1.44 0.00	54.57 1.38 0.00	50.23 1.32 0.00	50.12 1.32 0.00	50.03 1.27 0.00	51.06 1.34 0.00	57.26 1.51 0.00	60.96 1.54 0.00	63.56 1.49 0.00	66.91 2.01 0.00	75.21 3.17 0.00	80.86 4.50 0.00	87.68 5.43 0.00	98.93 6.47 0.00	107.17 7.48 0.00	119.43 8.65 0.00	146.55 11.72 0.00	177.85 14.53 0.00	165.93 13.27 0.00	124.00 9.19 0.00	97.91 6.32 0.00	88.25 4.76 0.00	73.01 2.94 0.00	63.98 1.62 0.00
WEST BABYLON___IC 23714	65.77 3.25 0.00	56.97 3.78 0.00	52.43 3.52 0.00	52.02 3.22 0.00	51.78 3.02 0.00	53.30 3.58 0.00	59.49 3.74 0.00	62.92 3.51 0.00	64.87 2.79 0.00	67.50 2.60 0.00	75.42 3.39 0.01	82.31 5.96 0.00	90.64 8.39 0.00	102.47 10.45 0.44	115.02 12.06 -3.26	150.72 14.18 -25.76	215.45 18.07 -62.56	255.46 21.72 -70.42	178.33 19.54 -6.13	139.40 13.66 -10.93	103.41 9.43 -2.39	89.92 6.43 0.00	73.71 3.64 0.00	63.34 1.00 0.01
WEST CANADA___HYD 24049	62.52 0.00 0.00	53.19 0.00 0.00	48.96 0.05 0.00	48.85 0.05 0.00	48.81 0.05 0.00	49.77 0.05 0.00	55.75 0.00 0.00	59.48 0.06 0.00	62.07 0.00 0.00	64.96 0.06 0.00	72.33 0.29 0.00	76.96 0.61 0.00	82.99 0.74 0.00	93.39 0.92 0.00	100.69 1.00 0.00	111.89 1.11 0.00	136.31 1.49 0.00	165.12 1.80 0.00	154.34 1.68 0.00	115.96 1.15 0.00	92.42 0.82 0.00	84.08 0.59 0.00	70.35 0.28 0.00	62.42 0.06 0.00
WESTERN_NY_WIND 24143	65.58 3.06 0.00	54.31 1.12 0.00	49.35 0.44 0.00	48.75 -0.05 0.00	48.76 0.00 0.00	49.92 0.20 0.00	56.14 0.39 0.00	60.25 0.83 0.00	64.31 2.23 0.00	67.88 2.99 0.00	76.94 4.90 0.00	80.86 4.51 0.00	86.20 3.95 0.00	96.07 3.61 0.00	103.38 3.69 0.00	114.22 3.43 0.00	138.19 3.37 0.00	164.14 0.82 0.00	155.86 3.21 0.00	119.17 4.36 0.00	97.46 5.86 0.00	88.59 5.09 0.00	72.45 2.38 0.00	65.04 2.68 0.00
WESTOVER___LESR 323668	63.33 0.81 0.00	53.51 0.32 0.00	48.96 0.05 0.00	48.80 0.00 0.00	48.81 0.05 0.00	49.77 0.05 0.00	55.92 0.17 0.00	59.89 0.48 0.00	62.76 0.68 0.00	66.07 1.17 0.00	74.13 2.09 0.00	78.88 2.52 0.00	84.64 2.39 0.00	94.96 2.50 0.00	102.28 2.59 0.00	113.55 2.77 0.00	138.33 3.51 0.00	166.59 3.27 0.00	156.62 3.97 0.00	118.49 3.67 0.00	94.89 3.30 0.00	86.33 2.84 0.00	71.33 1.26 0.00	63.30 0.94 0.00
WETHRSFD_WT_PWR 323626	63.96 1.44 0.00	53.08 -0.11 0.00	48.08 -0.83 0.00	47.68 -1.12 0.00	47.69 -1.07 0.00	48.67 -1.05 0.00	54.92 -0.83 0.00	59.00 -0.41 0.00	62.45 0.37 0.00	65.93 1.04 0.00	74.42 2.37 0.00	78.42 2.06 0.00	83.98 1.73 0.00	94.13 1.67 0.00	100.19 0.50 0.00	111.12 0.33 0.00	134.55 -0.27 0.00	160.39 -2.94 0.00	152.35 -0.30 0.00	116.99 2.18 0.00	95.81 4.22 0.00	87.08 3.59 0.00	71.61 1.54 0.00	63.98 1.62 0.00
WHAVSTOR_138KV_BK127 55557	63.27 0.75 0.00	54.31 1.12 0.00	50.04 1.12 0.00	49.92 1.12 0.00	49.83 1.07 0.00	50.86 1.14 0.00	56.98 1.23 0.00	60.55 1.13 0.00	63.07 0.99 0.00	66.52 1.62 0.00	74.85 2.81 0.00	80.79 4.43 0.00	87.76 5.51 0.00	98.84 6.38 0.00	107.37 7.68 0.00	122.70 9.08 -2.83	149.81 11.86 -3.12	182.10 14.21 -4.57	165.02 12.36 0.00	123.19 8.38 0.00	96.91 5.31 0.00	87.34 3.84 0.00	72.24 2.17 0.00	63.23 0.87 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	63.27 0.75 0.00	54.31 1.12 0.00	50.04 1.12 0.00	49.92 1.12 0.00	49.83 1.07 0.00	50.86 1.14 0.00	56.98 1.23 0.00	60.55 1.13 0.00	63.07 0.99 0.00	66.52 1.62 0.00	74.85 2.81 0.00	80.79 4.43 0.00	87.76 5.51 0.00	98.84 6.38 0.00	107.37 7.68 0.00	122.70 9.08 -2.83	149.81 11.86 -3.12	182.10 14.21 -4.57	165.02 12.36 0.00	123.19 8.38 0.00	96.91 5.31 0.00	87.34 3.84 0.00	72.24 2.17 0.00	63.23 0.87 0.00
WHITEHAL_115KV_TB1 80871	66.33 3.81 0.00	56.17 2.98 0.00	51.50 2.59 0.00	51.33 2.54 0.00	51.39 2.63 0.00	52.45 2.73 0.00	59.04 3.29 0.00	62.63 3.21 0.00	65.12 3.04 0.00	68.08 3.18 0.00	75.28 3.24 0.00	80.63 4.28 0.00	87.19 4.94 0.00	98.10 5.64 0.00	105.47 5.78 0.00	129.91 6.87 -12.26	172.45 8.90 -28.73	210.90 12.58 -35.00	191.92 12.67 -26.60	149.90 10.22 -24.87	113.82 7.97 -14.26	97.64 6.26 -7.89	75.19 5.12 0.00	66.35 3.99 0.00
WHITEPLN_13_KV_LOAD 356215	64.52 2.00 0.00	55.32 2.13 0.00	50.92 2.01 0.00	50.80 2.00 0.00	50.76 2.00 0.00	51.76 2.04 0.00	58.15 2.40 0.00	61.79 2.38 0.00	64.56 2.48 0.00	68.08 3.18 0.00	76.80 4.75 0.00	83.00 6.64 0.00	90.31 8.06 0.00	102.08 9.62 0.00	111.76 12.06 0.00	127.79 13.96 -3.05	155.85 17.66 -3.36	189.47 21.23 -4.92	171.12 18.47 0.00	127.33 12.51 0.00	100.02 8.43 0.00	89.76 6.26 0.00	73.85 3.78 0.00	64.54 2.18 0.00
WM_FLOYD_69_KV_BK2 356380	65.52 3.00 0.00	56.81 3.62 0.00	52.34 3.42 0.00	51.87 3.07 0.00	51.64 2.88 0.00	53.20 3.48 0.00	59.38 3.62 0.00	62.63 3.21 0.00	64.43 2.36 0.00	67.11 2.21 0.00	74.99 2.95 0.01	81.78 5.42 0.00	90.48 8.23 0.00	103.24 10.45 -0.32	127.92 11.96 -16.27	240.30 13.74 -115.78	249.66 17.53 -97.31	287.90 21.23 -103.34	244.21 19.39 -72.17	220.22 13.55 -91.86	125.42 9.43 -24.39	89.92 6.43 0.00	73.50 3.43 0.00	63.03 0.69 0.02
WOODARD___115KV_TB2 355635	62.02 -0.50 0.00	52.50 -0.69 0.00	48.13 -0.78 0.00	47.92 -0.88 0.00	47.88 -0.88 0.00	48.87 -0.85 0.00	54.92 -0.84 0.00	58.82 -0.59 0.00	61.64 -0.43 0.00	64.77 -0.13 0.00	72.47 0.43 0.00	77.04 0.69 0.00	82.75 0.49 0.00	92.83 0.37 0.00	99.99 0.30 0.00	111.00 0.22 0.00	135.09 0.27 0.00	163.00 -0.33 0.00	152.81 0.15 0.00	115.27 0.46 0.00	92.23 0.64 0.00	83.83 0.33 0.00	69.79 -0.28 0.00	61.86 -0.50 0.00
WOODMERE_69_KV_BK1 55827	65.58 3.06 0.00	56.59 3.40 0.00	52.09 3.18 0.00	51.77 2.98 0.00	51.54 2.78 0.00	52.90 3.18 0.00	59.04 3.29 0.00	62.51 3.09 0.00	64.62 2.55 0.00	67.63 2.73 0.00	76.29 4.25 0.01	83.00 6.64 0.00	91.13 8.88 0.00	103.94 10.63 -0.84	112.15 12.46 0.00	143.37 14.40 -18.19	221.04 17.66 -68.56	264.75 21.40 -80.04	176.07 19.08 -4.33	128.47 13.66 0.00	101.85 9.34 -0.91	90.18 6.68 0.00	74.19 4.06 -0.05	64.10 1.75 0.01
YORK___WARBASSE 23770	63.57 1.06 0.01	55.05 1.86 0.00	51.11 2.20 0.00	50.99 2.20 0.00	50.91 2.15 0.00	51.66 1.94 0.00	57.59 1.84 0.00	60.78 1.37 0.00	63.09 1.43 0.41	66.56 2.21 0.54	67.76 3.67 7.96	75.68 5.50 6.17	89.00 6.74 0.00	99.95 7.49 0.00	108.66 8.97 0.00	124.47 10.64 -3.05	151.67 13.48 -3.36	184.43 16.17 -4.93	166.69 14.04 0.01	105.19 9.41 19.04	97.43 6.05 0.20	87.83 4.34 0.01	63.12 2.66 9.61	62.28 1.18 1.26