

Day Ahead Market Generator LBMP

Generator Data		07/08/2025																							
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
59TH STREET_GT_1	24138	58.28	52.87	50.27	49.78	49.65	51.61	53.65	56.28	61.72	65.53	65.83	70.07	74.16	87.66	95.22	127.08	136.50	167.83	147.86	122.36	102.96	81.42	67.85	59.37
		3.09	3.13	3.07	3.21	2.99	2.97	3.08	3.68	4.15	4.29	4.31	5.55	6.06	7.97	10.00	12.01	12.24	12.44	13.66	10.18	8.04	5.47	3.60	3.04
		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	-0.47	-21.94	-30.14	-58.24	-22.24	-19.59	-11.12	0.00	0.00	0.00
74TH STREET_GT_1	24260	58.28	52.92	50.27	49.78	49.65	51.56	53.60	56.23	61.61	65.40	65.71	69.88	73.89	87.42	94.96	126.80	136.22	167.64	147.64	122.18	102.88	81.50	67.98	59.37
		3.09	3.18	3.07	3.21	2.99	2.92	3.03	3.63	4.03	4.16	4.18	5.36	5.79	7.73	9.75	11.73	11.95	12.24	13.44	10.00	7.96	5.54	3.73	3.04
		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	-0.47	-21.94	-30.15	-58.25	-22.24	-19.59	-11.12	0.00	0.00	0.00
74TH STREET_GT_2	24261	58.28	52.92	50.27	49.78	49.65	51.56	53.60	56.23	61.61	65.40	65.71	69.88	73.89	87.42	94.96	126.80	136.22	167.64	147.64	122.18	102.88	81.50	67.98	59.37
		3.09	3.18	3.07	3.21	2.99	2.92	3.03	3.63	4.03	4.16	4.18	5.36	5.79	7.73	9.75	11.73	11.95	12.24	13.44	10.00	7.96	5.54	3.73	3.04
		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	-0.47	-21.94	-30.15	-58.25	-22.24	-19.59	-11.12	0.00	0.00	0.00
ADK HUDSON___FALLS	24011	58.72	52.87	50.04	49.26	49.23	51.41	53.60	55.75	60.97	64.73	64.54	67.75	71.30	83.51	94.06	140.93	155.05	201.25	237.73	199.02	152.80	81.04	68.56	59.82
		3.53	3.13	2.83	2.70	2.57	2.77	3.03	3.16	3.40	3.49	3.01	3.23	3.20	3.83	4.83	5.21	5.46	6.02	8.06	6.57	6.12	5.09	4.31	3.49
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.48	-42.59	-55.47	-98.08	-117.71	-99.86	-62.88	0.00	0.00	0.00
ADK RESOURCE___RCVRY	23798	58.94	53.02	50.18	49.40	49.37	51.51	53.75	55.81	61.15	64.91	64.72	67.81	71.37	83.51	94.04	140.50	154.54	200.62	237.17	198.78	152.56	81.19	68.94	60.04
		3.75	3.28	2.98	2.84	2.71	2.87	3.19	3.21	3.57	3.67	3.20	3.29	3.27	3.82	4.91	5.31	5.55	6.22	8.28	6.85	6.45	5.24	4.69	3.72
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.38	-42.07	-54.87	-97.24	-116.93	-99.34	-62.31	0.00	0.00	0.00
ADK S GLENS___FALLS	24028	58.72	52.87	50.04	49.26	49.23	51.41	53.60	55.75	60.97	64.73	64.54	67.75	71.30	83.51	94.06	140.93	155.05	201.25	237.73	199.02	152.80	81.04	68.56	59.82
		3.53	3.13	2.83	2.70	2.57	2.77	3.03	3.16	3.40	3.49	3.01	3.23	3.20	3.83	4.83	5.21	5.46	6.02	8.06	6.57	6.12	5.09	4.31	3.49
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.48	-42.59	-55.47	-98.08	-117.71	-99.86	-62.88	0.00	0.00	0.00
ADK_NYS___DAM	23527	57.89	52.42	49.75	49.03	48.95	51.07	53.24	55.49	60.57	64.36	64.66	68.33	72.32	85.03	98.10	152.55	168.03	217.84	246.04	202.09	161.09	80.89	68.11	59.19
		2.70	2.68	2.55	2.47	2.29	2.43	2.68	2.89	2.99	3.12	3.14	3.81	4.22	5.34	6.53	7.27	7.43	7.78	8.96	7.31	6.29	4.93	3.86	2.87
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.83	-52.16	-66.48	-112.91	-125.12	-102.18	-71.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	24190	55.85	50.48	48.01	47.40	47.32	49.27	51.22	53.44	58.38	62.04	62.32	65.75	69.32	81.36	79.22	65.86	67.21	77.35	76.26	74.69	51.76	77.40	65.09	56.83
		0.66	0.75	0.80	0.84	0.65	0.63	0.66	0.84	0.81	0.80	0.80	1.23	1.23	1.67	2.54	2.79	2.82	3.01	3.47	2.69	2.18	1.44	0.84	0.51
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.07	30.06	29.74	22.82	39.17	20.59	34.22	0.00	0.00	0.00
AKWESSNE_115KV_BK	355683	55.24	49.68	47.06	46.42	46.71	48.79	50.66	52.54	57.40	61.06	61.28	63.75	67.21	78.41	82.14	89.80	90.63	93.31	106.72	89.40	81.65	75.04	64.06	56.21
		0.06	-0.05	-0.14	-0.14	0.05	0.15	0.10	-0.05	-0.17	-0.18	-0.25	-0.77	-0.89	-1.28	-2.54	-2.79	-2.92	-3.11	-3.69	-2.69	-2.10	-0.91	-0.19	-0.11
		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	0.07	0.53	0.58	0.73	1.54	0.51	0.06	0.00	0.00	0.00
ALBANY_1_SOLAR	323833	57.17	51.62	49.09	48.43	48.34	50.34	52.28	54.28	59.30	62.89	63.06	66.46	69.87	80.72	78.67	66.80	68.32	78.91	69.01	68.24	48.78	77.47	65.47	57.17
		1.98	1.89	1.89	1.86	1.68	1.70	1.72	1.68	1.73	1.65	1.54	1.93	1.77	1.03	1.95	2.23	2.26	2.52	3.13	2.69	2.26	1.52	1.22	0.85
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.03	28.55	28.06	20.77	46.08	27.03	37.29	0.00	0.00	0.00
ALBANY_2_SOLAR	323834	57.12	51.62	49.04	48.43	48.34	50.34	52.28	54.23	59.30	62.89	63.06	66.46	69.87	80.72	78.68	66.80	68.33	79.06	69.16	68.25	48.87	77.47	65.47	57.11
		1.93	1.89	1.84	1.86	1.68	1.70	1.72	1.63	1.73	1.65	1.54	1.93	1.77	1.03	1.95	2.14	2.17	2.52	3.13	2.59	2.26	1.52	1.22	0.79
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.01	28.46	27.96	20.62	45.93	26.93	37.19	0.00	0.00	0.00
ALBANY___1	23571	55.85	50.48	48.01	47.40	47.32	49.27	51.22	53.44	58.38	62.04	62.32	65.75	69.32	81.36	79.22	65.86	67.21	77.35	76.26	74.69	51.76	77.40	65.09	56.83
		0.66	0.75	0.80	0.84	0.65	0.63	0.66	0.84	0.81	0.80	0.80	1.23	1.23	1.67	2.54	2.79	2.82	3.01	3.47	2.69	2.18	1.44	0.84	0.51
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.07	30.06	29.74	22.82	39.17	20.59	34.22	0.00	0.00	0.00

ALBANY___2 23572	55.85 0.66 0.00	50.48 0.75 0.00	48.01 0.80 0.00	47.40 0.84 0.00	47.32 0.65 0.00	49.27 0.63 0.00	51.22 0.66 0.00	53.44 0.84 0.00	58.38 0.81 0.00	62.04 0.80 0.00	62.32 0.80 0.00	65.75 1.23 0.00	69.32 1.23 0.00	81.36 1.67 0.00	79.22 2.54 8.07	65.86 2.79 30.06	67.21 2.82 29.74	77.35 3.01 22.82	76.26 3.47 39.17	74.69 2.69 20.59	51.76 2.18 34.22	77.40 1.44 0.00	65.09 0.84 0.00	56.83 0.51 0.00
ALBANY___3 23573	55.85 0.66 0.00	50.48 0.75 0.00	48.01 0.80 0.00	47.40 0.84 0.00	47.32 0.65 0.00	49.27 0.63 0.00	51.22 0.66 0.00	53.44 0.84 0.00	58.38 0.81 0.00	62.04 0.80 0.00	62.32 0.80 0.00	65.75 1.23 0.00	69.32 1.23 0.00	81.36 1.67 0.00	79.22 2.54 8.07	65.86 2.79 30.06	67.21 2.82 29.74	77.35 3.01 22.82	76.26 3.47 39.17	74.69 2.69 20.59	51.76 2.18 34.22	77.40 1.44 0.00	65.09 0.84 0.00	56.83 0.51 0.00
ALBANY___4 23574	55.85 0.66 0.00	50.48 0.75 0.00	48.01 0.80 0.00	47.40 0.84 0.00	47.32 0.65 0.00	49.27 0.63 0.00	51.22 0.66 0.00	53.44 0.84 0.00	58.38 0.81 0.00	62.04 0.80 0.00	62.32 0.80 0.00	65.75 1.23 0.00	69.32 1.23 0.00	81.36 1.67 0.00	79.22 2.54 8.07	65.86 2.79 30.06	67.21 2.82 29.74	77.35 3.01 22.82	76.26 3.47 39.17	74.69 2.69 20.59	51.76 2.18 34.22	77.40 1.44 0.00	65.09 0.84 0.00	56.83 0.51 0.00
ALBANY___LFGE 323615	56.57 1.38 0.00	51.12 1.39 0.00	48.57 1.37 0.00	47.92 1.35 0.00	47.88 1.21 0.00	49.86 1.22 0.00	51.83 1.26 0.00	53.96 1.37 0.00	59.13 1.56 0.00	62.83 1.59 0.00	63.12 1.60 0.00	66.59 2.06 0.00	70.14 2.04 0.00	82.31 2.63 0.00	90.08 3.64 -1.69	122.40 4.00 -25.28	133.25 4.04 -35.09	170.30 4.27 -68.87	186.62 4.81 -69.85	157.49 3.80 -61.11	122.35 3.18 -35.36	78.23 2.28 0.00	66.05 1.80 0.00	57.56 1.24 0.00
ALCOA_PA_115KV_PL-6C 55860	55.46 0.28 0.00	49.88 0.15 0.00	47.25 0.05 0.00	46.61 0.05 0.00	46.95 0.28 0.00	49.03 0.39 0.00	50.97 0.40 0.00	52.81 0.21 0.00	57.63 0.06 0.00	61.18 -0.06 0.00	61.34 -0.18 0.00	63.75 -0.77 0.00	67.21 -0.89 0.00	78.49 -1.20 0.00	81.71 -2.97 0.07	89.34 -3.26 0.53	90.06 -3.48 0.58	92.73 -3.69 0.73	106.17 -4.25 1.54	88.94 -3.15 0.51	81.40 -2.35 0.06	75.27 -0.68 0.00	64.32 0.06 0.00	56.44 0.11 0.00
ALCOA_RYNLDS___DRP 24188	55.46 0.28 0.00	49.88 0.15 0.00	47.25 0.05 0.00	46.61 0.05 0.00	46.95 0.28 0.00	49.03 0.39 0.00	50.97 0.40 0.00	52.81 0.21 0.00	57.63 0.06 0.00	61.18 -0.06 0.00	61.34 -0.18 0.00	63.75 -0.77 0.00	67.21 -0.89 0.00	78.49 -1.20 0.00	81.71 -2.97 0.07	89.34 -3.26 0.53	90.06 -3.48 0.58	92.73 -3.69 0.73	106.17 -4.25 1.54	88.94 -3.15 0.51	81.40 -2.35 0.06	75.27 -0.68 0.00	64.32 0.06 0.00	56.44 0.11 0.00
ALCOA___DSASP 323711	55.47 0.28 0.00	49.88 0.15 0.00	47.25 0.05 0.00	46.61 0.05 0.00	46.95 0.28 0.00	49.03 0.39 0.00	50.97 0.40 0.00	52.91 0.32 0.00	57.63 0.06 0.00	61.18 -0.06 0.00	61.34 -0.18 0.00	63.75 -0.77 0.00	67.21 -0.89 0.00	78.49 -1.19 0.00	81.71 -2.97 0.07	89.33 -3.26 0.53	90.06 -3.48 0.58	92.73 -3.69 0.73	106.17 -4.25 1.54	88.94 -3.15 0.51	81.40 -2.35 0.06	75.27 -0.68 0.00	64.13 -0.13 0.00	56.44 0.11 0.00
ALLEGHENY___COGEN 23514	55.41 0.22 0.00	49.49 -0.25 0.00	46.88 -0.33 0.00	45.73 -0.84 0.00	45.87 -0.79 0.00	47.77 -0.87 0.00	49.65 -0.91 0.00	51.49 -1.11 0.00	55.79 -1.79 0.00	59.28 -1.96 0.00	59.00 -2.53 0.00	61.81 -2.71 0.00	65.37 -2.73 0.00	75.63 -4.06 0.00	80.85 -3.90 0.00	91.60 -4.38 -2.85	94.27 -3.95 -4.10	102.60 -3.01 -8.45	113.45 -1.68 -3.16	96.53 1.02 -2.91	87.09 1.84 -1.45	76.71 0.76 0.00	64.90 0.64 0.00	57.34 1.01 0.00
ALTAMONT_115KV_TB 2 55880	56.40 1.21 0.00	50.98 1.24 0.00	48.48 1.27 0.00	47.91 1.35 0.00	47.83 1.17 0.00	49.81 1.17 0.00	51.78 1.21 0.00	53.91 1.31 0.00	58.90 1.32 0.00	62.59 1.35 0.00	62.88 1.35 0.00	66.33 1.81 0.00	70.01 1.91 0.00	82.08 2.39 0.00	83.61 3.22 4.36	89.77 3.54 6.89	95.18 3.67 2.62	116.41 3.79 -15.47	109.93 4.48 6.51	98.39 3.43 -2.37	74.96 2.93 11.77	78.08 2.13 0.00	65.67 1.41 0.00	57.39 1.07 0.00
ALTONA_WT_PWR 323606	54.47 -0.72 0.00	49.24 -0.50 0.00	46.92 -0.28 0.00	46.24 -0.32 0.00	46.57 -0.09 0.00	48.35 -0.29 0.00	50.31 -0.25 0.00	52.23 -0.37 0.00	56.72 -0.86 0.00	60.26 -0.98 0.00	60.48 -1.05 0.00	62.91 -1.61 0.00	66.40 -1.70 0.00	77.54 -2.15 0.00	81.12 -3.48 0.15	88.14 -3.82 1.16	88.90 -3.95 1.27	91.37 -4.17 1.61	103.67 -4.92 3.37	87.87 -3.61 1.11	80.99 -2.68 0.12	74.28 -1.67 0.00	63.16 -1.09 0.00	55.54 -0.79 0.00
AMERICAN_REF_FUEL 24010	53.03 -2.15 0.00	47.35 -2.39 0.00	44.75 -2.46 0.00	43.30 -3.26 0.00	43.35 -3.31 0.00	44.99 -3.65 0.00	46.87 -3.69 0.00	48.13 -4.47 0.00	52.86 -4.72 0.00	57.07 -4.17 0.00	57.04 -4.49 0.00	60.00 -4.52 0.00	63.67 -4.43 0.00	73.24 -6.45 0.00	78.05 -6.70 0.00	87.75 -7.92 -2.54	89.78 -8.00 -3.65	97.02 -7.68 -7.54	106.13 -8.62 -2.79	89.23 -5.93 -2.57	79.80 -5.28 -1.28	70.56 -5.39 0.00	60.27 -3.98 0.00	54.30 -2.03 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	54.86 -0.33 0.00	48.99 -0.74 0.00	46.31 -0.90 0.00	45.26 -1.30 0.00	45.36 -1.31 0.00	47.18 -1.46 0.00	49.20 -1.36 0.00	51.07 -1.53 0.00	56.26 -1.32 0.00	60.57 -0.67 0.00	60.60 -0.92 0.00	63.68 -0.84 0.00	67.63 -0.47 0.00	78.09 -1.59 0.00	83.22 -1.52 0.00	93.28 -2.70 -2.86	95.70 -2.54 -4.11	103.30 -2.33 -8.47	113.92 -1.23 -3.19	95.72 0.19 -2.94	85.43 0.17 -1.46	75.27 -0.68 0.00	63.87 -0.38 0.00	57.00 0.68 0.00
ARTHUR KILL_GT_1 23520	52.07 1.88 4.99	51.75 2.04 0.02	49.80 2.60 0.00	49.54 2.98 0.00	49.33 2.66 0.00	50.73 2.09 0.00	51.65 1.77 0.68	52.26 2.37 2.70	52.08 2.65 8.15	52.09 2.76 11.90	52.65 2.89 11.76	53.97 4.06 14.62	55.90 4.43 16.63	67.57 6.14 18.26	82.34 8.22 10.63	105.19 10.43 -1.64	108.30 10.45 -3.73	145.20 10.98 -37.07	124.68 11.64 -1.07	98.30 8.33 2.62	77.48 6.70 13.02	63.29 4.33 16.99	53.44 2.70 13.52	52.34 1.97 5.95
ARTHUR_KILL_2 23512	51.84 1.65 5.00	51.90 2.19 0.02	49.61 2.41 0.00	49.40 2.84 0.00	49.14 2.47 0.00	50.38 1.75 0.01	51.49 1.62 0.69	51.83 1.95 2.71	51.84 2.42 8.16	51.84 2.51 11.91	52.34 2.58 11.77	53.70 3.81 14.63	55.62 4.15 16.64	67.16 5.74 18.27	81.91 7.79 10.63	104.73 9.97 -1.64	107.73 9.88 -3.73	144.52 10.29 -37.07	123.78 10.75 -1.07	97.74 7.78 2.63	76.80 6.04 13.03	62.83 3.87 16.99	53.31 2.57 13.52	52.12 1.75 5.95
ARTHUR_KILL_3 23513	52.55 2.37 5.01	52.24 2.54 0.03	49.65 2.45 0.01	49.21 2.65 0.01	49.04 2.38 0.01	50.76 2.14 0.02	52.24 2.38 0.70	52.56 2.68 2.72	52.64 3.22 8.16	52.56 3.24 11.92	52.94 3.20 11.78	54.21 4.32 14.63	56.15 4.70 16.64	67.79 6.38 18.27	82.50 8.39 10.64	104.90 10.15 -1.63	108.19 10.35 -3.72	144.80 10.59 -37.06	124.56 11.53 -1.06	98.38 8.42 2.64	77.21 6.45 13.04	63.13 4.17 17.00	53.62 2.89 13.53	52.56 2.19 5.96

ARTHUR_KILL_COGEN 323718	52.06 1.88 5.00	52.10 2.39 0.02	49.80 2.59 0.00	49.55 2.98 0.00	49.33 2.66 0.00	50.53 1.90 0.01	51.64 1.77 0.69	51.99 2.11 2.71	52.07 2.65 8.16	52.09 2.76 11.91	52.58 2.83 11.77	53.96 4.07 14.63	55.89 4.42 16.64	67.47 6.05 18.27	82.33 8.22 10.63	105.28 10.52 -1.64	108.30 10.45 -3.73	145.10 10.88 -37.07	124.57 11.53 -1.07	98.30 8.34 2.63	77.31 6.54 13.03	63.21 4.25 16.99	53.63 2.89 13.52	52.34 1.97 5.95
ASHOKAN____ 23654	58.44 3.26 0.00	52.87 3.14 0.00	50.18 2.98 0.00	49.45 2.89 0.00	49.33 2.66 0.00	51.26 2.62 0.00	53.24 2.68 0.00	55.28 2.68 0.00	60.45 2.88 0.00	63.87 2.63 0.00	64.05 2.52 0.00	67.62 3.10 0.00	71.57 3.47 0.00	84.47 4.78 0.00	87.09 8.39 6.05	86.09 9.97 17.00	89.57 10.35 14.90	104.97 11.26 3.45	92.56 12.76 32.16	84.95 10.37 18.01	65.58 8.71 26.93	81.58 5.62 0.00	68.37 4.12 0.00	59.65 3.32 0.00
ASTORIA_EAST_ENERGY_CC1 323581	57.39 2.21 0.01	52.17 2.44 0.00	49.47 2.27 0.00	49.31 2.75 0.00	49.05 2.38 0.00	50.33 1.70 0.01	52.43 1.87 0.01	54.75 2.16 0.01	60.10 2.53 0.01	63.80 2.57 0.01	64.35 2.83 0.01	68.65 4.13 0.01	72.51 4.42 0.01	85.66 5.98 0.01	93.93 8.22 -0.96	126.81 10.24 -23.45	137.61 10.35 -33.13	170.39 10.69 -62.55	147.80 10.98 -24.86	121.73 7.96 -21.17	101.20 6.29 -11.11	80.05 4.10 0.01	67.14 2.89 0.01	58.63 2.31 0.00
ASTORIA_EAST_ENERGY_CC2 323582	57.39 2.21 0.01	52.17 2.44 0.00	49.47 2.27 0.00	49.31 2.75 0.00	49.05 2.38 0.00	50.33 1.70 0.01	52.43 1.87 0.01	54.75 2.16 0.01	60.10 2.53 0.01	63.80 2.57 0.01	64.35 2.83 0.01	68.65 4.13 0.01	72.51 4.42 0.01	85.66 5.98 0.01	93.93 8.22 -0.96	126.81 10.24 -23.45	137.61 10.35 -33.13	170.39 10.69 -62.55	147.80 10.98 -24.86	121.73 7.96 -21.17	101.20 6.29 -11.11	80.05 4.10 0.01	67.14 2.89 0.01	58.63 2.31 0.00
ASTORIA_GT2_1 24094	57.45 2.26 0.00	52.07 2.34 0.00	49.52 2.31 0.00	49.36 2.79 0.00	49.09 2.43 0.00	50.54 1.90 0.00	52.48 1.92 0.00	55.02 2.42 0.00	60.11 2.53 0.00	63.81 2.57 0.00	64.42 2.89 0.00	68.72 4.19 0.00	72.53 4.43 0.00	85.74 6.06 0.00	93.93 8.22 -0.96	126.81 10.24 -23.45	137.71 10.45 -33.13	170.49 10.78 -62.55	147.91 11.08 -24.86	121.82 8.06 -21.18	101.37 6.45 -11.12	80.20 4.25 0.01	66.95 2.70 0.01	58.69 2.37 0.00
ASTORIA_GT2_2 24095	57.45 2.26 0.00	52.07 2.34 0.00	49.52 2.31 0.00	49.36 2.79 0.00	49.09 2.43 0.00	50.54 1.90 0.00	52.48 1.92 0.00	55.02 2.42 0.00	60.11 2.53 0.00	63.81 2.57 0.00	64.42 2.89 0.00	68.72 4.19 0.00	72.53 4.43 0.00	85.74 6.06 0.00	93.93 8.22 -0.96	126.81 10.24 -23.45	137.71 10.45 -33.13	170.49 10.78 -62.55	147.91 11.08 -24.86	121.82 8.06 -21.18	101.37 6.45 -11.12	80.20 4.25 0.01	66.95 2.70 0.01	58.69 2.37 0.00
ASTORIA_GT2_3 24096	57.45 2.26 0.00	52.07 2.34 0.00	49.52 2.31 0.00	49.36 2.79 0.00	49.09 2.43 0.00	50.54 1.90 0.00	52.48 1.92 0.00	55.02 2.42 0.00	60.11 2.53 0.00	63.81 2.57 0.00	64.42 2.89 0.00	68.72 4.19 0.00	72.53 4.43 0.00	85.74 6.06 0.00	93.93 8.22 -0.96	126.81 10.24 -23.45	137.71 10.45 -33.13	170.49 10.78 -62.55	147.91 11.08 -24.86	121.82 8.06 -21.18	101.37 6.45 -11.12	80.20 4.25 0.01	66.95 2.70 0.01	58.69 2.37 0.00
ASTORIA_GT2_4 24097	57.45 2.26 0.00	52.07 2.34 0.00	49.52 2.31 0.00	49.36 2.79 0.00	49.09 2.43 0.00	50.54 1.90 0.00	52.48 1.92 0.00	55.02 2.42 0.00	60.11 2.53 0.00	63.81 2.57 0.00	64.42 2.89 0.00	68.72 4.19 0.00	72.53 4.43 0.00	85.74 6.06 0.00	93.93 8.22 -0.96	126.81 10.24 -23.45	137.71 10.45 -33.13	170.49 10.78 -62.55	147.91 11.08 -24.86	121.82 8.06 -21.18	101.37 6.45 -11.12	80.20 4.25 0.01	66.95 2.70 0.01	58.69 2.37 0.00
ASTORIA_GT3_1 24098	57.45 2.26 0.00	52.07 2.34 0.00	49.52 2.31 0.00	49.36 2.79 0.00	49.09 2.43 0.00	50.54 1.90 0.00	52.48 1.92 0.00	55.02 2.42 0.00	60.11 2.53 0.00	63.81 2.57 0.00	64.42 2.89 0.00	68.72 4.19 0.00	72.53 4.43 0.00	85.74 6.06 0.00	93.93 8.22 -0.96	126.81 10.24 -23.45	137.71 10.45 -33.13	170.49 10.78 -62.55	147.91 11.08 -24.86	121.82 8.06 -21.18	101.37 6.45 -11.12	80.20 4.25 0.01	66.95 2.70 0.01	58.69 2.37 0.00
ASTORIA_GT3_2 24099	57.45 2.26 0.00	52.07 2.34 0.00	49.52 2.31 0.00	49.36 2.79 0.00	49.09 2.43 0.00	50.54 1.90 0.00	52.48 1.92 0.00	55.02 2.42 0.00	60.11 2.53 0.00	63.81 2.57 0.00	64.42 2.89 0.00	68.72 4.19 0.00	72.53 4.43 0.00	85.74 6.06 0.00	93.93 8.22 -0.96	126.81 10.24 -23.45	137.71 10.45 -33.13	170.49 10.78 -62.55	147.91 11.08 -24.86	121.82 8.06 -21.18	101.37 6.45 -11.12	80.20 4.25 0.01	66.95 2.70 0.01	58.69 2.37 0.00
ASTORIA_GT3_3 24100	57.45 2.26 0.00	52.07 2.34 0.00	49.52 2.31 0.00	49.36 2.79 0.00	49.09 2.43 0.00	50.54 1.90 0.00	52.48 1.92 0.00	55.02 2.42 0.00	60.11 2.53 0.00	63.81 2.57 0.00	64.42 2.89 0.00	68.72 4.19 0.00	72.53 4.43 0.00	85.74 6.06 0.00	93.93 8.22 -0.96	126.81 10.24 -23.45	137.71 10.45 -33.13	170.49 10.78 -62.55	147.91 11.08 -24.86	121.82 8.06 -21.18	101.37 6.45 -11.12	80.20 4.25 0.01	66.95 2.70 0.01	58.69 2.37 0.00
ASTORIA_GT3_4 24101	57.45 2.26 0.00	52.07 2.34 0.00	49.52 2.31 0.00	49.36 2.79 0.00	49.09 2.43 0.00	50.54 1.90 0.00	52.48 1.92 0.00	55.02 2.42 0.00	60.11 2.53 0.00	63.81 2.57 0.00	64.42 2.89 0.00	68.72 4.19 0.00	72.53 4.43 0.00	85.74 6.06 0.00	93.93 8.22 -0.96	126.81 10.24 -23.45	137.71 10.45 -33.13	170.49 10.78 -62.55	147.91 11.08 -24.86	121.82 8.06 -21.18	101.37 6.45 -11.12	80.20 4.25 0.01	66.95 2.70 0.01	58.69 2.37 0.00
ASTORIA_GT4_1 24102	57.45 2.26 0.00	52.07 2.34 0.00	49.52 2.31 0.00	49.36 2.79 0.00	49.09 2.43 0.00	50.54 1.90 0.00	52.48 1.92 0.00	55.02 2.42 0.00	60.11 2.53 0.00	63.81 2.57 0.00	64.42 2.89 0.00	68.72 4.19 0.00	72.53 4.43 0.00	85.74 6.06 0.00	93.93 8.22 -0.96	126.81 10.24 -23.45	137.71 10.45 -33.13	170.49 10.78 -62.55	147.91 11.08 -24.86	121.82 8.06 -21.18	101.37 6.45 -11.12	80.20 4.25 0.01	66.95 2.70 0.01	58.69 2.37 0.00
ASTORIA_GT4_2 24103	57.45 2.26 0.00	52.07 2.34 0.00	49.52 2.31 0.00	49.36 2.79 0.00	49.09 2.43 0.00	50.54 1.90 0.00	52.48 1.92 0.00	55.02 2.42 0.00	60.11 2.53 0.00	63.81 2.57 0.00	64.42 2.89 0.00	68.72 4.19 0.00	72.53 4.43 0.00	85.74 6.06 0.00	93.93 8.22 -0.96	126.81 10.24 -23.45	137.71 10.45 -33.13	170.49 10.78 -62.55	147.91 11.08 -24.86	121.82 8.06 -21.18	101.37 6.45 -11.12	80.20 4.25 0.01	66.95 2.70 0.01	58.69 2.37 0.00
ASTORIA_GT4_3 24104	57.45 2.26 0.00	52.07 2.34 0.00	49.52 2.31 0.00	49.36 2.79 0.00	49.09 2.43 0.00	50.54 1.90 0.00	52.48 1.92 0.00	55.02 2.42 0.00	60.11 2.53 0.00	63.81 2.57 0.00	64.42 2.89 0.00	68.72 4.19 0.00	72.53 4.43 0.00	85.74 6.06 0.00	93.93 8.22 -0.96	126.81 10.24 -23.45	137.71 10.45 -33.13	170.49 10.78 -62.55	147.91 11.08 -24.86	121.82 8.06 -21.18	101.37 6.45 -11.12	80.20 4.25 0.01	66.95 2.70 0.01	58.69 2.37 0.00

ASTORIA_GT4_4 24105	57.45 2.26 0.00	52.07 2.34 0.00	49.52 2.31 0.00	49.36 2.79 0.00	49.09 2.43 0.00	50.54 1.90 0.00	52.48 1.92 0.00	55.02 2.42 0.00	60.11 2.53 0.00	63.81 2.57 0.00	64.42 2.89 0.00	68.72 4.19 0.00	72.53 4.43 0.00	85.74 6.06 0.00	93.93 8.22 -0.96	126.81 10.24 -23.45	137.71 10.45 -33.13	170.49 10.78 -62.55	147.91 11.08 -24.86	121.82 8.06 -21.18	101.37 6.45 -11.12	80.20 4.25 0.01	66.95 2.70 0.01	58.69 2.37 0.00
ASTORIA_GT_1 23523	57.56 2.37 0.00	52.17 2.44 0.00	49.61 2.41 0.00	49.45 2.89 0.00	49.19 2.52 0.00	50.68 2.04 0.00	52.59 2.02 0.00	55.17 2.58 0.00	60.28 2.71 0.00	64.00 2.76 0.00	64.60 3.08 0.00	68.91 4.39 0.00	72.73 4.63 0.00	86.06 6.38 0.00	94.27 8.56 -0.96	127.19 10.62 -23.45	137.99 10.73 -33.13	170.88 11.17 -62.55	148.35 11.53 -24.86	122.10 8.33 -21.18	101.62 6.70 -11.12	80.43 4.48 0.01	67.14 2.89 0.01	58.86 2.53 0.00
ASTORIA_GT_10 24110	57.40 2.21 0.00	52.17 2.44 0.00	49.71 2.50 0.00	49.40 2.84 0.00	49.19 2.52 0.00	50.78 2.14 0.00	52.79 2.22 0.00	55.33 2.74 0.00	60.51 2.94 0.00	64.24 3.00 0.00	64.60 3.08 0.00	68.72 4.19 0.00	72.59 4.49 0.00	85.90 6.22 0.00	93.52 8.31 -0.47	125.50 10.43 -21.95	134.72 10.45 -30.15	166.28 10.88 -58.25	145.51 11.31 -22.24	120.33 8.15 -19.59	101.28 6.37 -11.11	77.62 4.18 2.51	66.69 2.57 0.14	58.63 2.31 0.00
ASTORIA_GT_11 24225	57.40 2.21 0.00	52.17 2.44 0.00	49.71 2.50 0.00	49.40 2.84 0.00	49.19 2.52 0.00	50.78 2.14 0.00	52.79 2.22 0.00	55.33 2.74 0.00	60.51 2.94 0.00	64.24 3.00 0.00	64.60 3.08 0.00	68.72 4.19 0.00	72.59 4.49 0.00	85.90 6.22 0.00	93.52 8.31 -0.47	125.50 10.43 -21.95	134.72 10.45 -30.15	166.28 10.88 -58.25	145.51 11.31 -22.24	120.33 8.15 -19.59	101.28 6.37 -11.11	77.62 4.18 2.51	66.69 2.57 0.14	58.63 2.31 0.00
ASTORIA_GT_12 24226	57.40 2.21 0.00	52.17 2.44 0.00	49.71 2.50 0.00	49.40 2.84 0.00	49.19 2.52 0.00	50.78 2.14 0.00	52.79 2.22 0.00	55.33 2.74 0.00	60.51 2.94 0.00	64.24 3.00 0.00	64.60 3.08 0.00	68.72 4.19 0.00	72.59 4.49 0.00	85.90 6.22 0.00	93.52 8.31 -0.47	125.50 10.43 -21.95	134.72 10.45 -30.15	166.28 10.88 -58.25	145.51 11.31 -22.24	120.33 8.15 -19.59	101.28 6.37 -11.11	77.62 4.18 2.51	66.69 2.57 0.14	58.63 2.31 0.00
ASTORIA_GT_13 24227	57.40 2.21 0.00	52.17 2.44 0.00	49.71 2.50 0.00	49.40 2.84 0.00	49.19 2.52 0.00	50.78 2.14 0.00	52.79 2.22 0.00	55.33 2.74 0.00	60.51 2.94 0.00	64.24 3.00 0.00	64.60 3.08 0.00	68.72 4.19 0.00	72.59 4.49 0.00	85.90 6.22 0.00	93.52 8.31 -0.47	125.50 10.43 -21.95	134.72 10.45 -30.15	166.28 10.88 -58.25	145.51 11.31 -22.24	120.33 8.15 -19.59	101.28 6.37 -11.11	77.62 4.18 2.51	66.69 2.57 0.14	58.63 2.31 0.00
ASTORIA_GT_5 24106	57.56 2.37 0.00	52.17 2.44 0.00	49.61 2.41 0.00	49.45 2.89 0.00	49.19 2.52 0.00	50.68 2.04 0.00	52.59 2.02 0.00	55.17 2.58 0.00	60.28 2.71 0.00	64.00 2.76 0.00	64.60 3.08 0.00	68.91 4.39 0.00	72.73 4.63 0.00	86.06 6.38 0.00	94.27 8.56 -0.96	127.19 10.62 -23.45	137.99 10.73 -33.13	170.88 11.17 -62.55	148.35 11.53 -24.86	122.10 8.33 -21.18	101.62 6.70 -11.12	80.43 4.48 0.01	67.14 2.89 0.01	58.86 2.53 0.00
ASTORIA_GT_7 24107	57.56 2.37 0.00	52.17 2.44 0.00	49.61 2.41 0.00	49.45 2.89 0.00	49.19 2.52 0.00	50.68 2.04 0.00	52.59 2.02 0.00	55.17 2.58 0.00	60.28 2.71 0.00	64.00 2.76 0.00	64.60 3.08 0.00	68.91 4.39 0.00	72.73 4.63 0.00	86.06 6.38 0.00	94.27 8.56 -0.96	127.19 10.62 -23.45	137.99 10.73 -33.13	170.88 11.17 -62.55	148.35 11.53 -24.86	122.10 8.33 -21.18	101.62 6.70 -11.12	80.43 4.48 0.01	67.14 2.89 0.01	58.86 2.53 0.00
ASTORIA_GT_8 24108	57.56 2.37 0.00	52.17 2.44 0.00	49.61 2.41 0.00	49.45 2.89 0.00	49.19 2.52 0.00	50.68 2.04 0.00	52.59 2.02 0.00	55.17 2.58 0.00	60.28 2.71 0.00	64.00 2.76 0.00	64.60 3.08 0.00	68.91 4.39 0.00	72.73 4.63 0.00	86.06 6.38 0.00	94.27 8.56 -0.96	127.19 10.62 -23.45	137.99 10.73 -33.13	170.88 11.17 -62.55	148.35 11.53 -24.86	122.10 8.33 -21.18	101.62 6.70 -11.12	80.43 4.48 0.01	67.14 2.89 0.01	58.86 2.53 0.00
ASTORIA___2 24149	57.44 2.26 0.01	52.17 2.44 0.00	49.52 2.31 0.00	49.36 2.79 0.00	49.09 2.43 0.00	50.38 1.75 0.01	52.48 1.92 0.01	54.80 2.21 0.01	60.10 2.53 0.01	63.80 2.57 0.01	64.41 2.89 0.01	68.70 4.19 0.01	72.51 4.42 0.01	85.66 5.98 0.01	93.93 8.22 -0.96	126.90 10.34 -23.45	137.61 10.35 -33.13	170.39 10.69 -62.55	147.80 10.98 -24.86	121.73 7.96 -21.17	101.20 6.29 -11.11	80.12 4.17 0.01	67.14 2.89 0.01	58.69 2.37 0.00
ASTORIA___3 23516	57.39 2.21 0.01	52.27 2.54 0.00	49.70 2.50 0.00	49.40 2.84 0.00	49.19 2.52 0.00	50.63 1.99 0.01	52.78 2.22 0.01	55.06 2.47 0.01	60.50 2.93 0.01	64.23 3.00 0.01	64.53 3.01 0.01	68.70 4.19 0.01	72.58 4.49 0.01	85.82 6.14 0.01	93.53 8.31 -0.47	125.50 10.43 -21.95	134.72 10.45 -30.15	166.18 10.78 -58.25	145.50 11.30 -22.24	120.32 8.15 -19.58	101.18 6.29 -11.10	77.54 4.10 2.51	66.94 2.82 0.14	58.63 2.31 0.00
ASTORIA___4 23517	57.40 2.21 0.00	52.17 2.44 0.00	49.71 2.50 0.00	49.40 2.84 0.00	49.19 2.52 0.00	50.78 2.14 0.00	52.79 2.22 0.00	55.33 2.74 0.00	60.51 2.94 0.00	64.24 3.00 0.00	64.60 3.08 0.00	68.72 4.19 0.00	72.59 4.49 0.00	85.90 6.22 0.00	93.52 8.31 -0.47	125.50 10.43 -21.95	134.72 10.45 -30.15	166.28 10.88 -58.25	145.51 11.31 -22.24	120.33 8.15 -19.59	101.28 6.37 -11.11	77.62 4.18 2.51	66.69 2.57 0.14	58.63 2.31 0.00
ASTORIA___5 23518	57.39 2.21 0.01	52.27 2.54 0.00	49.70 2.50 0.00	49.40 2.84 0.00	49.19 2.52 0.00	50.63 1.99 0.01	52.78 2.22 0.01	55.06 2.47 0.01	60.50 2.93 0.01	64.23 3.00 0.01	64.53 3.01 0.01	68.70 4.19 0.01	72.58 4.49 0.01	85.82 6.14 0.01	93.53 8.31 -0.47	125.50 10.43 -21.95	134.72 10.45 -30.15	166.18 10.78 -58.25	145.50 11.30 -22.24	120.32 8.15 -19.58	101.18 6.29 -11.10	77.54 4.10 2.51	66.94 2.82 0.14	58.63 2.31 0.00
AST_ENERGY_2_CC3 323677	37.72 2.65 20.12	37.72 2.78 14.80	37.72 2.69 12.17	37.72 2.84 11.68	37.72 2.61 11.56	37.72 2.33 13.25	37.72 2.58 15.42	37.72 2.94 17.82	37.72 3.45 23.31	37.72 3.49 27.01	40.28 3.51 24.75	40.28 4.65 28.89	40.28 5.04 32.86	51.71 6.77 34.75	66.46 8.81 27.10	89.28 10.61 14.46	92.28 10.82 12.66	129.07 11.07 -20.84	112.91 12.10 11.15	86.84 8.98 14.73	65.67 6.95 25.08	51.59 4.63 29.00	40.99 3.28 26.54	40.28 2.48 18.52
AST_ENERGY_2_CC4 323678	37.72 2.65 20.12	37.72 2.78 14.80	37.72 2.69 12.17	37.72 2.84 11.68	37.72 2.61 11.56	37.72 2.33 13.25	37.72 2.58 15.42	37.72 2.94 17.82	37.72 3.45 23.31	37.72 3.49 27.01	40.28 3.51 24.75	40.28 4.65 28.89	40.28 5.04 32.86	51.71 6.77 34.75	66.46 8.81 27.10	89.28 10.61 14.46	92.28 10.82 12.66	129.07 11.07 -20.84	112.91 12.10 11.15	86.84 8.98 14.73	65.67 6.95 25.08	51.59 4.63 29.00	40.99 3.28 26.54	40.28 2.48 18.52

ATHENS_STG_1 23668	56.40 1.21 0.00	51.08 1.34 0.00	48.67 1.46 0.00	48.19 1.63 0.00	48.07 1.40 0.00	49.95 1.31 0.00	51.88 1.31 0.00	54.02 1.42 0.00	59.19 1.61 0.00	62.83 1.59 0.00	63.19 1.66 0.00	66.84 2.32 0.00	70.62 2.52 0.00	83.11 3.42 0.00	89.32 4.57 0.00	116.62 5.12 -18.38	125.71 5.17 -26.41	156.89 5.24 -54.49	135.15 5.93 -17.26	112.94 4.44 -15.91	95.38 3.68 -7.89	78.54 2.58 0.00	65.99 1.74 0.00	57.51 1.18 0.00
ATHENS_STG_2 23670	56.40 1.21 0.00	51.08 1.34 0.00	48.67 1.46 0.00	48.19 1.63 0.00	48.07 1.40 0.00	49.95 1.31 0.00	51.88 1.31 0.00	54.02 1.42 0.00	59.19 1.61 0.00	62.83 1.59 0.00	63.19 1.66 0.00	66.84 2.32 0.00	70.62 2.52 0.00	83.11 3.42 0.00	89.32 4.57 0.00	116.62 5.12 -18.38	125.71 5.17 -26.41	156.89 5.24 -54.49	135.15 5.93 -17.26	112.94 4.44 -15.91	95.38 3.68 -7.89	78.54 2.58 0.00	65.99 1.74 0.00	57.51 1.18 0.00
ATHENS_STG_3 23677	56.40 1.21 0.00	51.08 1.34 0.00	48.67 1.46 0.00	48.19 1.63 0.00	48.07 1.40 0.00	49.95 1.31 0.00	51.88 1.31 0.00	54.02 1.42 0.00	59.19 1.61 0.00	62.83 1.59 0.00	63.19 1.66 0.00	66.84 2.32 0.00	70.62 2.52 0.00	83.11 3.42 0.00	89.32 4.57 0.00	116.62 5.12 -18.38	125.71 5.17 -26.41	156.89 5.24 -54.49	135.15 5.93 -17.26	112.94 4.44 -15.91	95.38 3.68 -7.89	78.54 2.58 0.00	65.99 1.74 0.00	57.51 1.18 0.00
AUBURN___LFGE 323710	55.35 0.17 0.00	49.78 0.05 0.00	47.20 0.00 0.00	46.33 -0.23 0.00	46.43 -0.23 0.00	48.35 -0.29 0.00	50.41 -0.15 0.00	52.44 -0.16 0.00	57.58 0.00 0.00	61.36 0.12 0.00	61.77 0.25 0.00	64.91 0.39 0.00	68.51 0.41 0.00	80.01 0.32 0.00	85.51 0.76 0.00	95.79 0.56 -2.11	97.82 0.66 -3.03	104.39 0.97 -6.26	115.58 1.34 -2.27	96.26 1.57 -2.09	86.43 1.59 -1.04	76.87 0.91 0.00	64.64 0.39 0.00	56.77 0.45 0.00
BABYLON_RES_REC 323704	57.56 2.37 0.00	53.27 3.53 0.00	51.18 3.97 -0.01	50.62 4.05 -0.01	50.50 3.83 -0.01	51.57 2.92 -0.01	53.49 2.93 0.00	54.75 2.16 0.00	60.35 2.82 0.05	64.79 3.55 0.00	66.55 4.49 -0.54	91.38 5.87 -20.99	94.32 6.47 -19.75	105.07 8.44 -16.94	128.53 10.25 -33.53	189.45 12.10 -84.22	277.28 12.33 -170.83	333.50 12.72 -223.62	227.80 14.33 -101.51	166.29 11.01 -62.69	113.71 8.97 -20.93	94.67 6.60 -12.11	80.30 4.69 -11.35	63.92 3.55 -4.04
BALL_HILL_WT_PWR 323825	54.20 -0.99 0.00	48.39 -1.34 0.00	45.69 -1.51 0.00	44.70 -1.86 0.00	44.75 -1.92 0.00	46.50 -2.14 0.00	48.44 -2.12 0.00	50.18 -2.42 0.00	55.21 -2.36 0.00	59.46 -1.78 0.00	59.50 -2.03 0.00	62.59 -1.93 0.00	66.33 -1.77 0.00	76.66 -3.03 0.00	81.70 -3.05 0.00	91.60 -4.28 -2.76	93.95 -4.14 -3.97	101.45 -3.89 -8.18	111.78 -3.25 -3.07	93.84 -1.57 -2.83	83.86 -1.34 -1.40	73.91 -2.05 0.00	62.78 -1.48 0.00	56.10 -0.22 0.00
BARON_WINDS___WT_PWR 323822	54.69 -0.50 0.00	49.04 -0.70 0.00	46.45 -0.76 0.00	45.45 -1.12 0.00	45.55 -1.12 0.00	47.43 -1.21 0.00	49.35 -1.21 0.00	51.33 -1.26 0.00	56.31 -1.27 0.00	60.20 -1.04 0.00	60.17 -1.35 0.00	63.16 -1.36 0.00	66.74 -1.36 0.00	77.54 -2.15 0.00	82.80 -1.95 0.00	93.82 -2.98 -3.68	96.68 -2.73 -5.29	105.64 -2.43 -10.91	114.56 -1.57 -4.17	96.34 -0.09 -3.84	85.96 0.25 -1.91	75.50 -0.45 0.00	63.87 -0.38 0.00	56.38 0.06 0.00
BARRETT_IC_1 23704	57.35 2.15 -0.01	52.82 3.08 0.00	50.56 3.35 -0.01	50.07 3.49 -0.01	49.94 3.27 -0.01	51.17 2.53 -0.01	53.09 2.53 0.00	54.54 1.95 0.00	60.00 2.42 0.00	64.12 2.88 0.00	65.34 3.82 0.00	178.98 5.04 -109.42	160.89 5.38 -87.41	164.57 7.09 -77.80	120.24 8.65 -26.85	188.31 10.24 -84.95	294.76 10.45 -190.19	464.88 10.78 -356.94	344.47 11.99 -220.52	270.10 8.98 -168.53	102.22 7.29 -11.13	94.45 5.32 -13.18	79.97 4.17 -11.54	59.56 3.15 -0.08
BARRETT_IC_10 23701	57.35 2.15 -0.01	52.82 3.08 0.00	50.56 3.35 -0.01	50.07 3.49 -0.01	49.94 3.27 -0.01	51.17 2.53 -0.01	53.09 2.53 0.00	54.54 1.95 0.00	60.00 2.42 0.00	64.12 2.88 0.00	65.34 3.82 0.00	103.00 5.04 -33.44	100.20 5.38 -26.72	110.56 7.09 -23.78	84.88 8.65 8.52	81.38 10.24 21.99	81.38 10.45 23.19	81.38 10.78 26.56	81.38 11.99 42.57	81.38 8.98 20.19	102.20 7.29 -11.11	85.29 5.32 -4.02	79.97 4.17 -11.54	59.56 3.15 -0.08
BARRETT_IC_11 23702	57.35 2.15 -0.01	52.82 3.08 0.00	50.56 3.35 -0.01	50.07 3.49 -0.01	49.94 3.27 -0.01	51.17 2.53 -0.01	53.09 2.53 0.00	54.54 1.95 0.00	60.00 2.42 0.00	64.12 2.88 0.00	65.34 3.82 0.00	103.00 5.04 -33.44	100.20 5.38 -26.72	110.56 7.09 -23.78	84.88 8.65 8.52	81.38 10.24 21.99	81.38 10.45 23.19	81.38 10.78 26.56	81.38 11.99 42.57	81.38 8.98 20.19	102.20 7.29 -11.11	85.29 5.32 -4.02	79.97 4.17 -11.54	59.56 3.15 -0.08
BARRETT_IC_12 23703	57.35 2.15 -0.01	52.82 3.08 0.00	50.56 3.35 -0.01	50.07 3.49 -0.01	49.94 3.27 -0.01	51.17 2.53 -0.01	53.09 2.53 0.00	54.54 1.95 0.00	60.00 2.42 0.00	64.12 2.88 0.00	65.34 3.82 0.00	103.00 5.04 -33.44	100.20 5.38 -26.72	110.56 7.09 -23.78	84.88 8.65 8.52	81.38 10.24 21.99	81.38 10.45 23.19	81.38 10.78 26.56	81.38 11.99 42.57	81.38 8.98 20.19	102.20 7.29 -11.11	85.29 5.32 -4.02	79.97 4.17 -11.54	59.56 3.15 -0.08
BARRETT_IC_2 23705	57.35 2.15 -0.01	52.82 3.08 0.00	50.56 3.35 -0.01	50.07 3.49 -0.01	49.94 3.27 -0.01	51.17 2.53 -0.01	53.09 2.53 0.00	54.54 1.95 0.00	60.00 2.42 0.00	64.12 2.88 0.00	65.34 3.82 0.00	178.98 5.04 -109.42	160.89 5.38 -87.41	164.57 7.09 -77.80	120.24 8.65 -26.85	188.31 10.24 -84.95	294.76 10.45 -190.19	464.88 10.78 -356.94	344.47 11.99 -220.52	270.10 8.98 -168.53	102.22 7.29 -11.13	94.45 5.32 -13.18	79.97 4.17 -11.54	59.56 3.15 -0.08
BARRETT_IC_3 23706	57.35 2.15 -0.01	52.82 3.08 0.00	50.56 3.35 -0.01	50.07 3.49 -0.01	49.94 3.27 -0.01	51.17 2.53 -0.01	53.09 2.53 0.00	54.54 1.95 0.00	60.00 2.42 0.00	64.12 2.88 0.00	65.34 3.82 0.00	178.98 5.04 -109.42	160.89 5.38 -87.41	164.57 7.09 -77.80	120.24 8.65 -26.85	188.31 10.24 -84.95	294.76 10.45 -190.19	464.88 10.78 -356.94	344.47 11.99 -220.52	270.10 8.98 -168.53	102.22 7.29 -11.13	94.45 5.32 -13.18	79.97 4.17 -11.54	59.56 3.15 -0.08
BARRETT_IC_4 23707	57.35 2.15 -0.01	52.82 3.08 0.00	50.56 3.35 -0.01	50.07 3.49 -0.01	49.94 3.27 -0.01	51.17 2.53 -0.01	53.09 2.53 0.00	54.54 1.95 0.00	60.00 2.42 0.00	64.12 2.88 0.00	65.34 3.82 0.00	178.98 5.04 -109.42	160.89 5.38 -87.41	164.57 7.09 -77.80	120.24 8.65 -26.85	188.31 10.24 -84.95	294.76 10.45 -190.19	464.88 10.78 -356.94	344.47 11.99 -220.52	270.10 8.98 -168.53	102.22 7.29 -11.13	94.45 5.32 -13.18	79.97 4.17 -11.54	59.56 3.15 -0.08
BARRETT_IC_5 23708	57.35 2.15 -0.01	52.82 3.08 0.00	50.56 3.35 -0.01	50.07 3.49 -0.01	49.94 3.27 -0.01	51.17 2.53 -0.01	53.09 2.53 0.00	54.54 1.95 0.00	60.00 2.42 0.00	64.12 2.88 0.00	65.34 3.82 0.00	178.98 5.04 -109.42	160.89 5.38 -87.41	164.57 7.09 -77.80	120.24 8.65 -26.85	188.31 10.24 -84.95	294.76 10.45 -190.19	464.88 10.78 -356.94	344.47 11.99 -220.52	270.10 8.98 -168.53	102.22 7.29 -11.13	94.45 5.32 -13.18	79.97 4.17 -11.54	59.56 3.15 -0.08

BARRETT_IC_6 23709	57.35 2.15 -0.01	52.82 3.08 0.00	50.56 3.35 -0.01	50.07 3.49 -0.01	49.94 3.27 -0.01	51.17 2.53 -0.01	53.09 2.53 0.00	54.54 1.95 0.00	60.00 2.42 0.00	64.12 2.88 0.00	65.34 3.82 0.00	178.98 5.04 -109.42	160.89 5.38 -87.41	164.57 7.09 -77.80	120.24 8.65 -26.85	188.31 10.24 -84.95	294.76 10.45 -190.19	464.88 10.78 -356.94	344.47 11.99 -220.52	270.10 8.98 -168.53	102.22 7.29 -11.13	94.45 5.32 -13.18	79.97 4.17 -11.54	59.56 3.15 -0.08
BARRETT_IC_7 23710	57.34 2.15 0.00	53.02 3.28 0.00	50.56 3.35 0.00	50.06 3.49 0.00	49.93 3.27 0.00	51.85 3.21 0.00	53.09 2.53 0.00	55.23 2.63 0.00	60.00 2.42 0.00	64.12 2.88 0.00	65.34 3.81 0.00	178.98 5.03 -109.42	160.89 5.38 -87.41	164.58 7.09 -77.80	120.24 8.64 -26.85	188.31 10.24 -84.95	294.76 10.45 -190.19	464.88 10.78 -356.94	344.46 11.98 -220.52	270.10 8.98 -168.53	102.38 7.46 -11.12	94.53 5.39 -13.18	79.78 3.98 -11.54	59.56 3.15 -0.08
BARRETT_IC_8 23711	57.35 2.15 -0.01	52.82 3.08 0.00	50.56 3.35 -0.01	50.07 3.49 -0.01	49.94 3.27 -0.01	51.17 2.53 -0.01	53.09 2.53 0.00	54.54 1.95 0.00	60.00 2.42 0.00	64.12 2.88 0.00	65.34 3.82 0.00	178.98 5.04 -109.42	160.89 5.38 -87.41	164.57 7.09 -77.80	120.24 8.65 -26.85	188.31 10.24 -84.95	294.76 10.45 -190.19	464.88 10.78 -356.94	344.47 11.99 -220.52	270.10 8.98 -168.53	102.22 7.29 -11.13	94.45 5.32 -13.18	79.97 4.17 -11.54	59.56 3.15 -0.08
BARRETT_IC_9 23700	57.35 2.15 -0.01	52.82 3.08 0.00	50.56 3.35 -0.01	50.07 3.49 -0.01	49.94 3.27 -0.01	51.17 2.53 -0.01	53.09 2.53 0.00	54.54 1.95 0.00	60.00 2.42 0.00	64.12 2.88 0.00	65.34 3.82 0.00	103.00 5.04 -33.44	100.20 5.38 -26.72	110.56 7.09 -23.78	84.88 8.65 8.52	81.38 10.24 21.99	81.38 10.45 23.19	81.38 10.78 26.56	81.38 11.99 42.57	81.38 8.98 20.19	102.20 7.29 -11.11	85.29 5.32 -4.02	79.97 4.17 -11.54	59.56 3.15 -0.08
BARRETT___1 23545	57.35 2.15 -0.01	52.82 3.08 0.00	50.56 3.35 -0.01	50.07 3.49 -0.01	49.94 3.27 -0.01	51.17 2.53 -0.01	53.09 2.53 0.00	54.54 1.95 0.00	60.00 2.42 0.00	64.12 2.88 0.00	65.34 3.82 0.00	178.98 5.04 -109.42	160.89 5.38 -87.41	164.57 7.09 -77.80	120.24 8.65 -26.85	188.31 10.24 -84.95	294.76 10.45 -190.19	464.88 10.78 -356.94	344.47 11.99 -220.52	270.10 8.98 -168.53	102.22 7.29 -11.13	94.45 5.32 -13.18	79.97 4.17 -11.54	59.56 3.15 -0.08
BARRETT___2 23546	57.35 2.15 -0.01	52.82 3.08 0.00	50.56 3.35 -0.01	50.07 3.49 -0.01	49.94 3.27 -0.01	51.17 2.53 -0.01	53.09 2.53 0.00	54.54 1.95 0.00	60.00 2.42 0.00	64.12 2.88 0.00	65.34 3.82 0.00	103.00 5.04 -33.44	100.20 5.38 -26.72	110.56 7.09 -23.78	84.88 8.65 8.52	81.38 10.24 21.99	81.38 10.45 23.19	81.38 10.78 26.56	81.38 11.99 42.57	81.38 8.98 20.19	102.20 7.29 -11.11	85.29 5.32 -4.02	79.97 4.17 -11.54	59.56 3.15 -0.08
BATAVIA___115KV_TB1 55881	55.30 0.11 0.00	49.29 -0.45 0.00	46.54 -0.66 0.00	45.49 -1.07 0.00	45.55 -1.12 0.00	47.33 -1.31 0.00	49.00 -1.57 0.00	50.18 -2.42 0.00	55.85 -1.73 0.00	60.32 -0.92 0.00	60.17 -1.35 0.00	63.04 -1.48 0.00	66.74 -1.36 0.00	76.82 -2.87 0.00	82.12 -2.63 0.00	92.38 -3.07 -2.33	94.08 -3.39 -3.34	100.74 -3.30 -6.89	111.14 -3.36 -2.53	93.54 -1.39 -2.34	84.12 -0.84 -1.16	74.28 -1.67 0.00	62.97 -1.29 0.00	56.66 0.34 0.00
BAYONEEC___CTG1 323682	57.84 2.65 0.00	52.52 2.78 0.00	49.89 2.69 0.00	49.45 2.89 0.00	49.28 2.61 0.00	51.02 2.38 0.00	53.19 2.63 0.00	55.54 2.94 0.00	61.09 3.51 0.00	64.79 3.55 0.00	65.03 3.51 0.00	69.17 4.65 0.00	73.14 5.04 0.00	86.46 6.77 0.00	94.03 8.81 -0.47	125.68 10.61 -21.94	135.09 10.82 -30.14	166.47 11.07 -58.24	146.29 12.10 -22.24	121.07 8.89 -19.59	101.80 6.87 -11.13	80.59 4.63 0.00	67.34 3.21 0.13	58.80 2.48 0.00
BAYONEEC___CTG10 323750	57.84 2.65 0.00	52.52 2.78 0.00	49.89 2.69 0.00	49.45 2.89 0.00	49.28 2.61 0.00	51.02 2.38 0.00	53.19 2.63 0.00	55.54 2.94 0.00	61.09 3.51 0.00	64.79 3.55 0.00	65.03 3.51 0.00	69.17 4.65 0.00	73.14 5.04 0.00	86.46 6.77 0.00	94.03 8.81 -0.47	125.68 10.61 -21.94	135.09 10.82 -30.14	166.47 11.07 -58.24	146.29 12.10 -22.24	121.07 8.89 -19.59	101.80 6.87 -11.13	80.59 4.63 0.00	67.34 3.21 0.13	58.80 2.48 0.00
BAYONEEC___CTG2 323683	57.84 2.65 0.00	52.52 2.78 0.00	49.89 2.69 0.00	49.45 2.89 0.00	49.28 2.61 0.00	51.02 2.38 0.00	53.19 2.63 0.00	55.54 2.94 0.00	61.09 3.51 0.00	64.79 3.55 0.00	65.03 3.51 0.00	69.17 4.65 0.00	73.14 5.04 0.00	86.46 6.77 0.00	94.03 8.81 -0.47	125.68 10.61 -21.94	135.09 10.82 -30.14	166.47 11.07 -58.24	146.29 12.10 -22.24	121.07 8.89 -19.59	101.80 6.87 -11.13	80.59 4.63 0.00	67.34 3.21 0.13	58.80 2.48 0.00
BAYONEEC___CTG3 323684	57.84 2.65 0.00	52.52 2.78 0.00	49.89 2.69 0.00	49.45 2.89 0.00	49.28 2.61 0.00	51.02 2.38 0.00	53.19 2.63 0.00	55.54 2.94 0.00	61.09 3.51 0.00	64.79 3.55 0.00	65.03 3.51 0.00	69.17 4.65 0.00	73.14 5.04 0.00	86.46 6.77 0.00	94.03 8.81 -0.47	125.68 10.61 -21.94	135.09 10.82 -30.14	166.47 11.07 -58.24	146.29 12.10 -22.24	121.07 8.89 -19.59	101.80 6.87 -11.13	80.59 4.63 0.00	67.34 3.21 0.13	58.80 2.48 0.00
BAYONEEC___CTG4 323685	57.84 2.65 0.00	52.52 2.78 0.00	49.89 2.69 0.00	49.45 2.89 0.00	49.28 2.61 0.00	51.02 2.38 0.00	53.19 2.63 0.00	55.54 2.94 0.00	61.09 3.51 0.00	64.79 3.55 0.00	65.03 3.51 0.00	69.17 4.65 0.00	73.14 5.04 0.00	86.46 6.77 0.00	94.03 8.81 -0.47	125.68 10.61 -21.94	135.09 10.82 -30.14	166.47 11.07 -58.24	146.29 12.10 -22.24	121.07 8.89 -19.59	101.80 6.87 -11.13	80.59 4.63 0.00	67.34 3.21 0.13	58.80 2.48 0.00
BAYONEEC___CTG5 323686	57.84 2.65 0.00	52.52 2.78 0.00	49.89 2.69 0.00	49.45 2.89 0.00	49.28 2.61 0.00	51.02 2.38 0.00	53.19 2.63 0.00	55.54 2.94 0.00	61.09 3.51 0.00	64.79 3.55 0.00	65.03 3.51 0.00	69.17 4.65 0.00	73.14 5.04 0.00	86.46 6.77 0.00	94.03 8.81 -0.47	125.68 10.61 -21.94	135.09 10.82 -30.14	166.47 11.07 -58.24	146.29 12.10 -22.24	121.07 8.89 -19.59	101.80 6.87 -11.13	80.59 4.63 0.00	67.34 3.21 0.13	58.80 2.48 0.00
BAYONEEC___CTG6 323687	57.84 2.65 0.00	52.52 2.78 0.00	49.89 2.69 0.00	49.45 2.89 0.00	49.28 2.61 0.00	51.02 2.38 0.00	53.19 2.63 0.00	55.54 2.94 0.00	61.09 3.51 0.00	64.79 3.55 0.00	65.03 3.51 0.00	69.17 4.65 0.00	73.14 5.04 0.00	86.46 6.77 0.00	94.03 8.81 -0.47	125.68 10.61 -21.94	135.09 10.82 -30.14	166.47 11.07 -58.24	146.29 12.10 -22.24	121.07 8.89 -19.59	101.80 6.87 -11.13	80.59 4.63 0.00	67.34 3.21 0.13	58.80 2.48 0.00
BAYONEEC___CTG7 323688	57.84 2.65 0.00	52.52 2.78 0.00	49.89 2.69 0.00	49.45 2.89 0.00	49.28 2.61 0.00	51.02 2.38 0.00	53.19 2.63 0.00	55.54 2.94 0.00	61.09 3.51 0.00	64.79 3.55 0.00	65.03 3.51 0.00	69.17 4.65 0.00	73.14 5.04 0.00	86.46 6.77 0.00	94.03 8.81 -0.47	125.68 10.61 -21.94	135.09 10.82 -30.14	166.47 11.07 -58.24	146.29 12.10 -22.24	121.07 8.89 -19.59	101.80 6.87 -11.13	80.59 4.63 0.00	67.34 3.21 0.13	58.80 2.48 0.00

BAYONEEC___CTG8 323689	57.84 2.65 0.00	52.52 2.78 0.00	49.89 2.69 0.00	49.45 2.89 0.00	49.28 2.61 0.00	51.02 2.38 0.00	53.19 2.63 0.00	55.54 2.94 0.00	61.09 3.51 0.00	64.79 3.55 0.00	65.03 3.51 0.00	69.17 4.65 0.00	73.14 5.04 0.00	86.46 6.77 0.00	94.03 8.81 -0.47	125.68 10.61 -21.94	135.09 10.82 -30.14	166.47 11.07 -58.24	146.29 12.10 -22.24	121.07 8.89 -19.59	101.80 6.87 -11.13	80.59 4.63 0.00	67.34 3.21 0.13	58.80 2.48 0.00
BAYONEEC___CTG9 323749	57.84 2.65 0.00	52.52 2.78 0.00	49.89 2.69 0.00	49.45 2.89 0.00	49.28 2.61 0.00	51.02 2.38 0.00	53.19 2.63 0.00	55.54 2.94 0.00	61.09 3.51 0.00	64.79 3.55 0.00	65.03 3.51 0.00	69.17 4.65 0.00	73.14 5.04 0.00	86.46 6.77 0.00	94.03 8.81 -0.47	125.68 10.61 -21.94	135.09 10.82 -30.14	166.47 11.07 -58.24	146.29 12.10 -22.24	121.07 8.89 -19.59	101.80 6.87 -11.13	80.59 4.63 0.00	67.34 3.21 0.13	58.80 2.48 0.00
BEACON___LESR 323632	56.90 1.71 0.00	51.37 1.64 0.00	48.76 1.56 0.00	48.15 1.58 0.00	48.07 1.40 0.00	50.05 1.41 0.00	52.13 1.57 0.00	54.23 1.63 0.00	59.36 1.79 0.00	63.07 1.84 0.00	63.37 1.84 0.00	66.84 2.32 0.00	70.42 2.32 0.00	82.55 2.86 0.00	73.25 3.98 15.48	25.06 4.47 72.53	19.28 4.61 79.46	8.99 4.86 93.02	2.34 5.60 115.22	20.69 4.54 76.43	3.62 3.77 83.96	78.77 2.81 0.00	66.50 2.25 0.00	57.96 1.63 0.00
BEAVER RIVER___HYD 24048	57.07 1.88 0.00	51.33 1.59 0.00	48.67 1.46 0.00	47.77 1.21 0.00	48.07 1.40 0.00	50.20 1.56 0.00	52.23 1.67 0.00	54.28 1.68 0.00	59.02 1.44 0.00	62.71 1.47 0.00	61.34 -0.18 0.00	64.20 -0.32 0.00	67.83 -0.27 0.00	79.29 -0.40 0.00	84.31 -0.76 -0.33	95.59 -0.75 -3.21	97.68 -0.19 -3.75	102.49 -0.19 -5.53	120.63 1.35 -7.32	96.02 1.02 -2.41	87.17 3.10 -0.26	78.77 2.81 0.00	66.31 2.06 0.00	58.07 1.75 0.00
BEEBEE_GT_13 23619	54.69 -0.50 0.00	48.94 -0.80 0.00	46.31 -0.90 0.00	45.35 -1.21 0.00	45.41 -1.26 0.00	47.23 -1.41 0.00	49.10 -1.47 0.00	50.65 -1.95 0.00	56.08 -1.50 0.00	60.38 -0.86 0.00	60.54 -0.98 0.00	63.49 -1.03 0.00	67.28 -0.82 0.00	78.01 -1.67 0.00	83.22 -1.53 0.00	93.45 -1.68 -2.00	94.93 -2.07 -2.88	101.74 -1.36 -5.94	110.06 -1.90 0.00	92.03 -0.56 0.00	83.55 -0.25 0.00	74.97 -0.99 0.00	63.36 -0.90 0.00	56.49 0.17 0.00
BENSHRST_27_KV_BENSHRST_1 355998	57.78 2.59 0.00	52.42 2.69 0.00	50.08 2.88 0.00	49.78 3.21 0.00	49.56 2.89 0.00	51.12 2.48 0.00	52.99 2.43 0.00	55.59 3.00 0.00	60.97 3.40 0.00	64.85 3.61 0.00	65.28 3.75 0.00	69.49 4.97 0.00	73.48 5.38 0.00	86.94 7.25 0.00	94.62 9.41 -0.47	126.81 11.73 -21.95	136.03 11.77 -30.14	167.64 12.24 -58.24	147.19 12.99 -22.24	121.72 9.54 -19.59	102.67 7.71 -11.16	81.26 5.32 0.01	67.59 3.47 0.14	59.03 2.70 0.00
BETHLEHEM___GRP 23843	55.85 0.66 0.00	50.48 0.75 0.00	48.01 0.80 0.00	47.40 0.84 0.00	47.32 0.65 0.00	49.27 0.63 0.00	51.22 0.66 0.00	53.44 0.84 0.00	58.38 0.81 0.00	62.04 0.80 0.00	62.32 0.80 0.00	65.75 1.23 0.00	69.32 1.23 0.00	81.36 1.67 0.00	79.22 2.54 8.07	65.86 2.79 30.06	67.21 2.82 29.74	77.35 3.01 22.82	76.26 3.47 39.17	74.69 2.69 20.59	51.76 2.18 34.22	77.40 1.44 0.00	65.09 0.84 0.00	56.83 0.51 0.00
BETHLEHEM___GS1 323560	55.85 0.66 0.00	50.48 0.75 0.00	48.01 0.80 0.00	47.40 0.84 0.00	47.32 0.65 0.00	49.27 0.63 0.00	51.22 0.66 0.00	53.33 0.74 0.00	58.38 0.81 0.00	62.03 0.79 0.00	62.32 0.80 0.00	65.74 1.22 0.00	69.33 1.23 0.00	81.28 1.59 0.00	79.22 2.54 8.07	65.95 2.89 30.06	67.21 2.82 29.74	77.35 3.02 22.82	76.26 3.47 39.17	74.69 2.69 20.59	51.76 2.18 34.22	77.32 1.37 0.00	65.16 0.90 0.00	56.83 0.51 0.00
BETHLEHEM___GS2 323561	55.85 0.66 0.00	50.48 0.75 0.00	48.01 0.80 0.00	47.40 0.84 0.00	47.32 0.65 0.00	49.27 0.63 0.00	51.22 0.66 0.00	53.33 0.74 0.00	58.38 0.81 0.00	62.03 0.79 0.00	62.32 0.80 0.00	65.74 1.22 0.00	69.33 1.23 0.00	81.28 1.59 0.00	79.22 2.54 8.07	65.95 2.89 30.06	67.21 2.82 29.74	77.35 3.02 22.82	76.26 3.47 39.17	74.69 2.69 20.59	51.76 2.18 34.22	77.32 1.37 0.00	65.16 0.90 0.00	56.83 0.51 0.00
BETHLEHEM___GS3 323562	55.85 0.66 0.00	50.48 0.75 0.00	48.01 0.80 0.00	47.40 0.84 0.00	47.32 0.65 0.00	49.27 0.63 0.00	51.22 0.66 0.00	53.33 0.74 0.00	58.38 0.81 0.00	62.03 0.79 0.00	62.32 0.80 0.00	65.74 1.22 0.00	69.33 1.23 0.00	81.28 1.59 0.00	79.22 2.54 8.07	65.95 2.89 30.06	67.21 2.82 29.74	77.35 3.02 22.82	76.26 3.47 39.17	74.69 2.69 20.59	51.76 2.18 34.22	77.32 1.37 0.00	65.16 0.90 0.00	56.83 0.51 0.00
BETHLEHEM___STEEL 23779	54.03 -1.16 0.00	48.24 -1.49 0.00	45.55 -1.65 0.00	44.56 -2.00 0.00	44.61 -2.05 0.00	46.30 -2.33 0.00	48.19 -2.38 0.00	49.23 -3.37 0.00	54.81 -2.76 0.00	59.10 -2.14 0.00	59.06 -2.46 0.00	62.13 -2.39 0.00	65.92 -2.18 0.00	76.02 -3.67 0.00	81.10 -3.64 0.00	90.92 -4.94 -2.73	93.25 -4.80 -3.92	100.67 -4.57 -8.09	110.85 -4.14 -3.03	93.06 -2.31 -2.79	83.17 -2.01 -1.38	73.30 -2.66 0.00	62.01 -2.25 0.00	55.87 -0.45 0.00
BETHLHEM_115KV_TB1 79974	55.96 0.77 0.00	50.58 0.85 0.00	48.10 0.90 0.00	47.50 0.93 0.00	47.41 0.75 0.00	49.42 0.78 0.00	51.32 0.76 0.00	53.49 0.89 0.00	58.50 0.92 0.00	62.16 0.92 0.00	62.45 0.92 0.00	65.88 1.35 0.00	69.46 1.36 0.00	81.52 1.83 0.00	79.86 2.71 7.60	69.02 2.98 27.08	70.88 3.01 26.25	82.45 3.21 17.91	79.95 3.69 35.70	77.07 2.78 18.30	54.47 2.35 31.68	77.47 1.52 0.00	65.16 0.90 0.00	56.89 0.56 0.00
BETHPAGE_CC_5 323564	57.23 2.04 0.00	52.87 3.14 0.00	50.75 3.54 -0.01	50.25 3.68 -0.01	50.08 3.40 -0.01	51.22 2.58 -0.01	53.14 2.58 0.00	54.54 1.95 0.00	60.13 2.59 0.04	64.42 3.18 0.00	65.73 4.06 -0.14	84.32 5.42 -14.38	86.44 6.06 -12.29	98.27 7.81 -10.76	120.36 9.66 -25.95	181.21 11.45 -76.63	274.60 11.67 -168.80	335.84 11.95 -226.74	228.61 13.43 -103.22	162.95 10.09 -60.26	105.77 8.22 -13.76	86.18 5.93 -4.30	72.58 4.24 -4.08	60.50 3.10 -1.09
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	54.08 -1.10 0.00	48.29 -1.44 0.00	45.60 -1.60 0.00	44.61 -1.96 0.00	44.66 -2.01 0.00	46.35 -2.29 0.00	48.24 -2.33 0.00	49.34 -3.26 0.00	54.93 -2.65 0.00	59.22 -2.02 0.00	59.19 -2.34 0.00	62.26 -2.26 0.00	66.06 -2.04 0.00	76.26 -3.43 0.00	81.36 -3.39 0.00	91.14 -4.75 -2.77	93.39 -4.71 -3.97	100.88 -4.47 -8.19	111.23 -3.81 -3.07	93.38 -2.04 -2.83	83.45 -1.76 -1.40	73.52 -2.43 0.00	62.14 -2.12 0.00	55.99 -0.34 0.00
BINGHAMTON___COGEN 23790	55.35 0.17 0.00	49.83 0.10 0.00	47.30 0.09 0.00	46.56 0.00 0.00	46.62 -0.05 0.00	48.49 -0.15 0.00	50.46 -0.10 0.00	52.49 -0.11 0.00	57.69 0.12 0.00	61.73 0.49 0.00	61.96 0.43 0.00	65.23 0.71 0.00	69.05 0.95 0.00	80.72 1.04 0.00	86.27 1.53 0.00	99.88 1.30 -5.46	103.09 1.13 -7.84	114.49 1.17 -16.17	120.30 1.90 -6.44	100.37 1.85 -5.93	88.42 1.68 -2.94	76.94 0.99 0.00	64.58 0.32 0.00	56.77 0.45 0.00

BIXINCNT_115KV_LOAD 355685	54.19 -0.99 0.00	48.44 -1.29 0.00	45.69 -1.51 0.00	44.75 -1.82 0.00	44.75 -1.91 0.00	46.55 -2.09 0.00	48.54 -2.02 0.00	49.91 -2.68 0.00	55.50 -2.07 0.00	59.71 -1.53 0.00	59.68 -1.85 0.00	62.65 -1.87 0.00	66.53 -1.57 0.00	76.98 -2.71 0.00	82.12 -2.63 0.00	91.67 -4.38 -2.93	94.19 -4.14 -4.21	101.75 -4.08 -8.67	112.55 -2.69 -3.27	94.50 -1.11 -3.02	84.38 -0.92 -1.50	74.21 -1.75 0.00	62.52 -1.73 0.00	56.10 -0.23 0.00
BLACK RIVER___HYD 24047	57.51 2.32 0.00	51.73 1.99 0.00	49.04 1.84 0.00	48.10 1.53 0.00	48.44 1.77 0.00	50.59 1.95 0.00	52.64 2.07 0.00	54.70 2.11 0.00	59.42 1.84 0.00	63.14 1.90 0.00	61.71 0.19 0.00	64.59 0.06 0.00	68.24 0.14 0.00	79.77 0.08 0.00	84.72 -0.25 -0.23	95.77 0.00 -2.65	97.81 0.47 -3.21	102.95 0.68 -5.11	119.69 2.68 -5.05	96.57 2.32 -1.66	88.42 4.44 -0.18	79.68 3.72 0.00	66.95 2.70 0.00	58.58 2.26 0.00
BLACKRVR_115KV_TB2 79977	57.51 2.32 0.00	51.72 1.99 0.00	49.04 1.84 0.00	48.05 1.49 0.00	48.44 1.77 0.00	50.58 1.95 0.00	52.64 2.07 0.00	54.65 2.05 0.00	59.42 1.84 0.00	63.14 1.90 0.00	61.71 0.18 0.00	64.59 0.06 0.00	68.24 0.14 0.00	79.77 0.08 0.00	84.72 -0.25 -0.23	95.77 0.00 -2.65	97.80 0.47 -3.21	102.94 0.68 -5.11	119.70 2.69 -5.05	96.57 2.31 -1.66	88.42 4.44 -0.18	79.68 3.72 0.00	66.89 2.63 0.00	58.58 2.25 0.00
BLDWN_LI_69_KV_BK4 356085	57.84 2.65 0.00	53.46 3.73 0.00	50.98 3.78 0.00	50.43 3.86 0.00	50.31 3.64 0.00	52.24 3.60 0.00	53.50 2.93 0.00	55.70 3.10 0.00	60.63 3.05 0.00	64.85 3.61 0.00	65.95 4.43 0.00	105.96 5.81 -35.63	102.90 6.33 -28.46	113.07 8.05 -25.33	118.65 9.83 -24.08	181.34 11.64 -76.57	279.56 11.95 -173.48	368.56 12.34 -259.06	257.91 13.88 -132.07	189.05 10.56 -85.91	103.56 8.63 -11.12	87.01 6.76 -4.30	73.00 4.75 -3.99	60.06 3.72 -0.02
BLISS_WT_PWR 323608	54.14 -1.05 0.00	48.39 -1.34 0.00	45.69 -1.51 0.00	44.65 -1.91 0.00	44.71 -1.96 0.00	46.50 -2.14 0.00	48.49 -2.08 0.00	50.39 -2.21 0.00	55.56 -2.02 0.00	59.71 -1.53 0.00	59.74 -1.79 0.00	62.65 -1.87 0.00	66.54 -1.56 0.00	76.98 -2.71 0.00	82.21 -2.54 0.00	91.68 -4.38 -2.93	94.19 -4.14 -4.21	101.75 -4.08 -8.67	112.55 -2.69 -3.27	94.50 -1.11 -3.02	84.30 -1.00 -1.50	74.21 -1.74 0.00	62.90 -1.35 0.00	56.10 -0.22 0.00
BLUESTONE___WT_PWR 323821	58.28 3.09 0.00	52.52 2.78 0.00	49.89 2.69 0.00	48.98 2.42 0.00	49.23 2.56 0.00	51.31 2.67 0.00	53.39 2.83 0.00	55.70 3.10 0.00	60.92 3.34 0.00	65.16 3.92 0.00	65.22 3.69 0.00	68.52 4.00 0.00	72.52 4.42 0.00	84.86 5.18 0.00	90.68 5.93 0.00	105.51 6.52 -5.87	109.52 6.97 -8.44	121.56 7.00 -17.41	130.85 9.51 -9.38	108.73 7.50 -8.64	94.96 6.87 -4.29	81.43 5.47 0.00	68.37 4.12 0.00	59.76 3.44 0.00
BLUE_CIRC_CHEM_DRP 24182	56.68 1.49 0.00	51.23 1.49 0.00	48.71 1.51 0.00	48.10 1.54 0.00	48.02 1.35 0.00	50.00 1.36 0.00	51.93 1.37 0.00	54.02 1.42 0.00	58.96 1.38 0.00	62.59 1.35 0.00	62.82 1.29 0.00	66.20 1.68 0.00	69.67 1.57 0.00	80.33 0.64 0.00	78.46 1.36 7.64	68.37 1.49 26.24	70.28 1.51 25.35	81.92 1.65 16.89	71.75 2.02 42.23	69.93 1.57 24.23	50.40 1.34 34.74	76.71 0.76 0.00	64.58 0.32 0.00	56.44 0.11 0.00
BOC_GAS_DRP 24189	56.13 0.94 0.00	50.73 0.99 0.00	48.29 1.09 0.00	47.73 1.16 0.00	47.65 0.98 0.00	49.61 0.97 0.00	51.52 0.96 0.00	53.70 1.10 0.00	58.67 1.09 0.00	62.34 1.10 0.00	62.63 1.11 0.00	66.13 1.61 0.00	69.73 1.63 0.00	81.84 2.15 0.00	82.73 2.97 4.98	85.86 3.26 10.52	90.53 3.29 6.89	109.92 3.40 -9.37	99.45 3.92 16.43	89.98 2.96 5.57	68.74 2.51 17.57	77.70 1.75 0.00	65.28 1.03 0.00	57.06 0.73 0.00
BOONVILLE_115KV_TB1 79983	57.01 1.82 0.00	51.33 1.59 0.00	48.71 1.51 0.00	47.91 1.35 0.00	48.11 1.45 0.00	50.20 1.56 0.00	52.23 1.67 0.00	54.33 1.74 0.00	59.36 1.78 0.00	63.14 1.90 0.00	62.82 1.29 0.00	65.94 1.42 0.00	69.67 1.57 0.00	81.60 1.91 0.00	86.90 2.03 -0.12	96.95 2.33 -1.50	98.69 2.73 -1.83	102.82 2.72 -2.95	118.76 4.03 -2.76	96.65 3.15 -0.91	87.50 3.60 -0.10	78.99 3.04 0.00	66.44 2.18 0.00	58.13 1.80 0.00
BORALEX_4TH_BRANCH 23824	57.89 2.70 0.00	52.42 2.69 0.00	49.75 2.55 0.00	49.03 2.47 0.00	48.95 2.29 0.00	51.12 2.48 0.00	53.24 2.68 0.00	55.59 3.00 0.00	60.57 2.99 0.00	64.36 3.12 0.00	64.66 3.14 0.00	68.33 3.81 0.00	72.32 4.22 0.00	85.11 5.42 0.00	98.10 6.53 -6.83	152.55 7.26 -52.16	168.04 7.44 -66.48	217.84 7.77 -112.91	246.04 8.96 -125.12	202.09 7.31 -102.18	161.17 6.37 -71.00	80.97 5.01 0.00	67.98 3.73 0.00	59.20 2.87 0.00
BOWLINE___1 23526	57.07 1.88 0.00	51.77 2.04 0.00	49.23 2.03 0.00	48.71 2.14 0.00	48.58 1.91 0.00	50.39 1.75 0.00	52.48 1.92 0.00	54.75 2.16 0.00	60.17 2.59 0.00	63.81 2.57 0.00	64.23 2.70 0.00	68.26 3.74 0.00	72.25 4.15 0.00	85.35 5.66 0.00	92.47 7.29 -0.43	122.85 8.66 -21.07	131.96 8.84 -28.99	162.34 9.04 -56.15	143.21 9.96 -21.29	118.79 7.41 -18.79	100.27 5.86 -10.60	79.90 3.95 0.00	66.89 2.64 0.00	58.18 1.86 0.00
BOWLINE___2 23595	57.01 1.82 0.00	51.73 1.99 0.00	49.14 1.94 0.00	48.61 2.05 0.00	48.49 1.82 0.00	50.29 1.65 0.00	52.38 1.82 0.00	54.70 2.11 0.00	60.05 2.47 0.00	63.75 2.51 0.00	64.11 2.58 0.00	68.13 3.61 0.00	72.12 4.02 0.00	85.18 5.49 0.00	92.30 7.12 -0.43	122.67 8.47 -21.07	131.77 8.65 -28.99	162.15 8.84 -56.15	143.10 9.85 -21.29	118.61 7.23 -18.79	100.10 5.70 -10.60	79.83 3.87 0.00	66.76 2.50 0.00	58.07 1.75 0.00
BRADY___115KV_TB2 356060	56.13 0.94 0.00	50.43 0.70 0.00	47.82 0.61 0.00	47.08 0.51 0.00	47.51 0.84 0.00	49.66 1.02 0.00	51.57 1.01 0.00	53.39 0.79 0.00	58.04 0.46 0.00	61.48 0.24 0.00	61.40 -0.12 0.00	63.68 -0.84 0.00	67.15 -0.95 0.00	78.33 -1.35 0.00	80.23 -3.31 1.21	80.17 -3.63 9.32	80.35 -3.58 10.19	80.66 -3.59 12.90	81.10 -3.81 27.05	81.00 -2.69 8.90	81.07 -1.76 0.97	76.03 0.08 0.00	64.96 0.71 0.00	57.06 0.73 0.00
BRANSCOMB___SOLAR 323811	58.22 3.03 0.00	52.52 2.78 0.00	49.80 2.59 0.00	49.08 2.51 0.00	49.00 2.33 0.00	51.12 2.48 0.00	53.24 2.68 0.00	55.33 2.73 0.00	60.45 2.88 0.00	64.18 2.94 0.00	64.17 2.64 0.00	67.49 2.97 0.00	71.17 3.07 0.00	83.43 3.75 0.00	94.87 4.74 -5.38	145.29 5.21 -46.95	160.03 5.36 -60.54	208.20 5.93 -105.12	243.66 7.39 -124.32	202.92 6.11 -104.22	157.13 5.62 -67.71	80.51 4.56 0.00	68.11 3.86 0.00	59.36 3.04 0.00
BRDGHMPT_69_KV_BK1 55812	58.61 3.42 0.00	54.67 4.92 -0.01	52.21 5.00 0.00	51.50 4.94 0.00	51.38 4.71 0.00	53.55 4.91 0.00	54.41 3.84 0.00	56.70 4.10 0.00	62.06 4.61 0.12	67.00 5.76 0.00	76.86 7.01 -8.32	259.93 8.13 -187.28	272.34 8.85 -195.39	254.76 11.00 -164.07	282.85 12.97 -185.14	349.75 14.81 -241.82	336.54 14.68 -227.73	356.52 15.16 -244.21	262.11 17.02 -133.13	261.79 13.43 -155.78	257.06 11.40 -161.86	254.43 8.73 -169.74	229.82 5.91 -159.65	124.07 5.58 -62.17

BRENTWOD_69_KV_W. BRTWOOD 56703	57.76 2.54 -0.03	53.96 4.23 0.00	51.59 4.39 0.00	51.08 4.52 0.00	50.96 4.29 0.00	52.87 4.23 0.00	53.85 3.29 0.00	55.80 3.21 0.00	60.53 2.99 0.04	65.07 3.80 -0.03	67.87 4.61 -1.74	113.02 5.55 -42.95	118.16 6.20 -43.86	124.88 8.21 -36.99	151.34 9.92 -56.68	212.81 11.64 -108.04	284.90 11.95 -178.82	329.01 12.24 -219.61	226.20 13.77 -100.47	176.07 10.46 -73.02	135.07 8.72 -42.56	118.13 6.30 -35.87	102.10 4.11 -33.73	72.89 3.60 -12.96
BRISTLHL_115KV_TB1 79998	54.25 -0.94 0.00	48.84 -0.90 0.00	46.35 -0.85 0.00	45.54 -1.02 0.00	45.64 -1.03 0.00	47.52 -1.12 0.00	49.50 -1.06 0.00	51.49 -1.10 0.00	56.48 -1.09 0.00	60.20 -1.04 0.00	60.54 -0.98 0.00	63.55 -0.97 0.00	67.15 -0.95 0.00	78.49 -1.20 0.00	83.84 -0.93 -0.03	93.56 -1.12 -1.55	95.24 -1.04 -2.15	100.44 -0.97 -4.25	111.59 -1.01 -0.64	92.24 -0.56 -0.21	83.32 -0.50 -0.02	75.12 -0.84 0.00	63.29 -0.96 0.00	55.54 -0.79 0.00
BROOKHAVEN___DRP 24191	57.62 2.43 0.00	53.87 4.13 -0.01	51.45 4.25 0.00	50.85 4.28 0.00	50.73 4.06 0.00	52.73 4.09 0.00	53.65 3.08 0.00	55.59 3.00 0.00	60.39 2.94 0.12	65.04 3.80 0.00	74.60 4.80 -8.28	256.85 6.13 -186.19	269.09 6.74 -194.25	251.49 8.69 -163.12	279.36 10.42 -184.19	345.88 11.92 -240.83	333.53 12.05 -227.36	353.15 12.44 -243.56	258.52 14.00 -132.57	258.56 10.83 -155.14	254.25 9.47 -160.98	251.85 7.14 -168.75	227.86 4.88 -158.72	122.18 4.06 -61.80
BROOKLYN_NAVY_YARD 23515	57.95 2.76 0.00	52.57 2.83 0.00	49.94 2.74 0.00	49.45 2.89 0.00	49.33 2.66 0.00	51.07 2.43 0.00	53.29 2.73 0.00	55.70 3.10 0.00	61.27 3.69 0.00	64.98 3.74 0.00	65.15 3.63 0.00	69.30 4.77 0.00	73.34 5.24 0.00	86.70 7.01 0.00	95.02 9.07 -1.20	128.27 10.98 -24.16	139.89 11.20 -34.57	173.24 11.46 -64.62	150.62 12.54 -26.12	123.86 9.35 -21.93	102.21 7.29 -11.12	80.82 4.87 0.00	67.72 3.47 0.00	58.97 2.65 0.00
BROOKLYN___ARMY_DRP 323595	57.45 2.26 0.00	52.12 2.39 0.00	49.85 2.64 0.00	49.54 2.98 0.00	49.33 2.66 0.00	50.88 2.24 0.00	52.69 2.12 0.00	55.33 2.74 0.00	60.63 3.05 0.00	64.49 3.25 0.00	64.85 3.32 0.00	69.04 4.52 0.00	73.00 4.90 0.00	86.30 6.61 0.00	93.95 8.73 -0.47	125.97 10.90 -21.95	135.19 10.92 -30.15	166.77 11.37 -58.25	146.18 11.98 -22.24	120.88 8.70 -19.59	101.98 7.04 -11.14	80.66 4.71 0.01	67.14 3.02 0.14	58.69 2.37 0.00
BROOME_2_LFGE 323671	55.35 0.17 0.00	49.83 0.10 0.00	47.30 0.09 0.00	46.56 0.00 0.00	46.57 -0.09 0.00	48.49 -0.15 0.00	50.46 -0.10 0.00	52.60 0.00 0.00	57.69 0.12 0.00	61.73 0.49 0.00	62.01 0.49 0.00	65.23 0.71 0.00	69.05 0.95 0.00	80.72 1.03 0.00	86.27 1.53 0.00	99.88 1.30 -5.46	103.10 1.13 -7.84	114.50 1.17 -16.17	120.30 1.90 -6.44	100.37 1.85 -5.93	88.42 1.68 -2.94	76.87 0.91 0.00	64.77 0.51 0.00	56.77 0.45 0.00
BROOME___LFGE 323600	55.35 0.17 0.00	49.83 0.10 0.00	47.30 0.09 0.00	46.56 0.00 0.00	46.57 -0.09 0.00	48.49 -0.15 0.00	50.46 -0.10 0.00	52.60 0.00 0.00	57.69 0.12 0.00	61.73 0.49 0.00	62.01 0.49 0.00	65.23 0.71 0.00	69.05 0.95 0.00	80.72 1.03 0.00	86.27 1.53 0.00	99.88 1.30 -5.46	103.10 1.13 -7.84	114.50 1.17 -16.17	120.30 1.90 -6.44	100.37 1.85 -5.93	88.42 1.68 -2.94	76.87 0.91 0.00	64.77 0.51 0.00	56.77 0.45 0.00
BROWNFLS_115KV_TB_3_5 80003	56.24 1.05 0.00	50.58 0.85 0.00	47.96 0.76 0.00	47.12 0.56 0.00	47.46 0.79 0.00	49.61 0.97 0.00	51.62 1.06 0.00	53.54 0.95 0.00	58.33 0.75 0.00	61.79 0.55 0.00	60.91 -0.62 0.00	63.49 -1.03 0.00	67.01 -1.09 0.00	78.33 -1.35 0.00	83.23 -2.37 -0.86	97.17 -2.98 -7.03	99.23 -2.73 -7.83	104.75 -2.82 -10.41	128.87 -2.24 -19.15	97.13 -1.76 -6.30	84.32 -0.17 -0.69	76.64 0.68 0.00	65.09 0.84 0.00	57.17 0.84 0.00
BROWNSV1_27_KV_LOAD 356125	58.50 3.31 0.00	53.07 3.33 0.00	50.41 3.21 0.00	49.92 3.35 0.00	49.79 3.13 0.00	51.70 3.06 0.00	53.75 3.19 0.00	56.38 3.79 0.00	61.78 4.20 0.00	65.59 4.35 0.00	65.89 4.37 0.00	70.07 5.55 0.00	74.16 6.06 0.00	87.74 8.05 0.00	95.39 10.17 -0.47	127.27 12.20 -21.94	136.69 12.42 -30.14	168.12 12.73 -58.24	148.19 14.00 -22.24	122.73 10.56 -19.59	103.38 8.46 -11.12	81.80 5.85 0.00	68.24 3.98 0.00	59.59 3.27 0.00
BURROWS___LYONSDAL 23803	57.01 1.82 0.00	51.33 1.59 0.00	48.71 1.51 0.00	47.87 1.30 0.00	48.11 1.45 0.00	50.20 1.56 0.00	52.23 1.67 0.00	54.33 1.74 0.00	59.25 1.67 0.00	63.02 1.78 0.00	62.51 0.98 0.00	65.55 1.03 0.00	69.26 1.16 0.00	81.12 1.43 0.00	86.35 1.44 -0.16	96.64 1.68 -1.84	98.50 2.16 -2.21	102.75 2.14 -3.46	119.09 3.47 -3.66	96.48 2.69 -1.20	87.45 3.52 -0.13	78.92 2.96 0.00	66.38 2.12 0.00	58.13 1.80 0.00
CAITHNESS_CC_1 323624	57.56 2.37 0.00	53.48 3.73 -0.01	51.41 4.20 -0.01	50.81 4.24 -0.01	50.69 4.01 -0.01	51.71 3.07 -0.01	53.60 3.03 0.00	54.59 2.00 0.00	60.28 2.82 0.12	64.85 3.61 0.00	74.37 4.62 -8.23	255.56 5.93 -185.11	267.75 6.54 -193.12	250.30 8.44 -162.16	278.16 10.17 -183.24	344.70 11.73 -239.84	332.98 11.86 -227.00	352.20 12.14 -242.90	257.62 13.65 -132.00	257.64 10.55 -154.50	252.88 8.97 -160.11	250.32 6.60 -167.76	226.93 4.88 -157.79	121.60 3.83 -61.44
CALPINE BETH_PAGE_GT4 24209	57.23 2.04 0.00	53.07 3.33 0.00	50.65 3.45 0.00	50.15 3.59 0.00	50.03 3.36 0.00	51.95 3.31 0.00	53.09 2.53 0.00	55.28 2.68 0.00	60.18 2.59 -0.01	64.36 3.12 0.00	65.69 4.06 -0.11	86.60 5.42 -16.66	87.99 5.99 -13.90	99.82 7.89 -12.24	119.81 9.66 -25.41	180.90 11.36 -76.42	275.39 11.67 -169.60	340.37 11.95 -231.26	232.48 13.44 -107.08	166.13 10.09 -63.45	105.18 8.30 -13.08	85.95 6.08 -3.92	71.99 3.98 -3.75	60.23 3.10 -0.81
CALPINE_BETH_PAGE_GT_4 323586	57.23 2.04 0.00	52.82 3.08 0.00	50.66 3.44 -0.01	50.16 3.59 -0.01	50.04 3.36 -0.01	51.13 2.48 -0.01	53.09 2.53 0.00	54.54 1.95 0.00	60.18 2.59 -0.01	64.42 3.18 0.00	65.69 4.06 -0.11	86.60 5.42 -16.66	88.06 6.06 -13.90	99.75 7.81 -12.24	119.81 9.66 -25.41	180.90 11.36 -76.42	275.39 11.67 -169.60	340.36 11.95 -231.26	232.36 13.32 -107.08	166.13 10.09 -63.45	105.10 8.22 -13.09	85.88 6.00 -3.92	72.25 4.24 -3.75	60.23 3.10 -0.81
CALPINE_BP_GT1 23823	57.23 2.04 0.00	52.82 3.08 0.00	50.66 3.44 -0.01	50.16 3.59 -0.01	50.04 3.36 -0.01	51.13 2.48 -0.01	53.09 2.53 0.00	54.54 1.95 0.00	60.18 2.59 -0.01	64.42 3.18 0.00	65.69 4.06 -0.11	86.60 5.42 -16.66	88.06 6.06 -13.90	99.75 7.81 -12.24	119.81 9.66 -25.41	180.90 11.36 -76.42	275.39 11.67 -169.60	340.36 11.95 -231.26	232.36 13.32 -107.08	166.13 10.09 -63.45	105.10 8.22 -13.09	85.88 6.00 -3.92	72.25 4.24 -3.75	60.23 3.10 -0.81
CALSPAN___DRP 24200	54.03 -1.16 0.00	48.24 -1.49 0.00	45.55 -1.65 0.00	44.56 -2.00 0.00	44.61 -2.05 0.00	46.30 -2.33 0.00	48.19 -2.38 0.00	49.23 -3.37 0.00	54.81 -2.76 0.00	59.10 -2.14 0.00	59.06 -2.46 0.00	62.13 -2.39 0.00	65.92 -2.18 0.00	76.02 -3.67 0.00	81.10 -3.64 0.00	90.92 -4.94 -2.73	93.25 -4.80 -3.92	100.67 -4.57 -8.09	110.85 -4.14 -3.03	93.06 -2.31 -2.79	83.17 -2.01 -1.38	73.30 -2.66 0.00	62.01 -2.25 0.00	55.87 -0.45 0.00

CALVERTON___SOLAR 323806	57.78 2.59 0.00	53.67 3.93 -0.01	51.55 4.34 -0.01	50.95 4.38 -0.01	50.78 4.11 -0.01	51.86 3.21 -0.01	53.75 3.19 0.00	54.75 2.16 0.00	60.56 3.11 0.12	65.22 3.98 0.00	74.87 5.05 -8.30	257.56 6.39 -186.65	269.91 7.08 -194.73	252.13 8.92 -163.52	280.10 10.76 -184.59	346.76 12.39 -241.25	334.06 12.42 -227.52	353.79 12.82 -243.81	259.20 14.45 -132.79	259.29 11.29 -155.41	254.88 9.72 -161.36	252.26 7.14 -169.17	228.77 5.40 -159.11	122.62 4.34 -61.96
CANDIGU_WT_PWR 323617	54.69 -0.50 0.00	49.04 -0.70 0.00	46.45 -0.76 0.00	45.45 -1.12 0.00	45.55 -1.12 0.00	47.43 -1.21 0.00	49.35 -1.21 0.00	51.33 -1.26 0.00	56.31 -1.27 0.00	60.20 -1.04 0.00	60.17 -1.35 0.00	63.16 -1.36 0.00	66.74 -1.36 0.00	77.54 -2.15 0.00	82.80 -1.95 0.00	93.82 -2.98 -3.68	96.68 -2.73 -5.29	105.64 -2.43 -10.91	114.56 -1.57 -4.17	96.34 -0.09 -3.84	85.96 0.25 -1.91	75.50 -0.45 0.00	63.87 -0.38 0.00	56.38 0.06 0.00
CARR STREET_E_SYR 24060	54.53 -0.66 0.00	49.09 -0.65 0.00	46.59 -0.61 0.00	45.82 -0.75 0.00	45.87 -0.79 0.00	47.77 -0.87 0.00	49.75 -0.81 0.00	51.86 -0.74 0.00	56.89 -0.69 0.00	60.63 -0.61 0.00	60.97 -0.55 0.00	64.07 -0.45 0.00	67.76 -0.34 0.00	79.13 -0.55 0.00	84.49 -0.25 0.00	94.27 -0.37 -1.52	95.93 -0.38 -2.18	101.37 -0.29 -4.51	111.63 -0.33 0.00	92.59 0.00 0.00	83.80 0.00 0.00	75.50 -0.45 0.00	63.74 -0.52 0.00	55.87 -0.45 0.00
CARTHAGE___PAPER 23857	57.28 2.10 0.00	51.52 1.79 0.00	48.86 1.65 0.00	47.92 1.35 0.00	48.25 1.59 0.00	50.44 1.80 0.00	52.43 1.87 0.00	54.49 1.89 0.00	59.19 1.61 0.00	62.83 1.59 0.00	60.60 -0.92 0.00	63.42 -1.10 0.00	66.94 -1.16 0.00	78.33 -1.36 0.00	83.07 -1.95 -0.27	94.03 -1.96 -2.87	96.13 -1.41 -3.42	101.16 -1.27 -5.27	118.11 0.22 -5.93	94.82 0.28 -1.95	87.61 3.60 -0.21	79.14 3.19 0.00	66.57 2.31 0.00	58.29 1.97 0.00
CASSADAGA_WT_PWR 323784	55.13 -0.06 0.00	49.24 -0.50 0.00	46.50 -0.71 0.00	45.45 -1.12 0.00	45.55 -1.12 0.00	47.43 -1.21 0.00	49.50 -1.06 0.00	51.44 -1.16 0.00	56.72 -0.86 0.00	61.00 -0.24 0.00	61.10 -0.43 0.00	64.20 -0.32 0.00	68.10 0.00 0.00	78.81 -0.87 0.00	83.90 -0.85 0.00	93.87 -2.14 -2.88	96.28 -1.98 -4.14	103.84 -1.85 -8.53	114.95 -0.22 -3.22	96.48 0.93 -2.96	86.11 0.84 -1.47	75.80 -0.15 0.00	64.26 0.00 0.00	57.28 0.96 0.00
CE_DUNWOOD___DRP 24194	57.51 2.32 0.00	52.22 2.49 0.00	49.66 2.45 0.00	49.13 2.56 0.00	49.00 2.33 0.00	50.93 2.29 0.00	52.94 2.38 0.00	55.44 2.84 0.00	60.63 3.05 0.00	64.36 3.12 0.00	64.79 3.26 0.00	68.91 4.39 0.00	73.00 4.90 0.00	86.30 6.61 0.00	93.52 8.31 -0.47	124.89 9.87 -21.89	134.27 10.07 -30.08	165.56 10.30 -58.11	145.57 10.30 -22.19	120.65 8.52 -19.54	101.77 6.87 -11.09	80.66 4.71 0.00	67.21 2.96 0.00	58.63 2.31 0.00
CE_MILLWOOD___DRP 24193	57.40 2.21 0.00	52.12 2.39 0.00	49.52 2.31 0.00	49.03 2.47 0.00	48.91 2.24 0.00	50.83 2.19 0.00	52.79 2.22 0.00	55.28 2.68 0.00	60.51 2.94 0.00	64.24 3.00 0.00	64.66 3.14 0.00	68.72 4.19 0.00	72.73 4.63 0.00	85.98 6.30 0.00	93.18 7.97 -0.47	124.32 9.41 -21.79	133.76 9.69 -29.94	164.92 9.91 -57.86	145.01 10.97 -22.08	120.19 8.15 -19.45	101.37 6.54 -11.04	80.51 4.56 0.00	67.08 2.83 0.00	58.52 2.20 0.00
CE_NYC2_DRP 24202	57.45 2.26 0.00	52.22 2.49 0.00	49.75 2.55 0.00	49.45 2.89 0.00	49.23 2.57 0.00	50.88 2.24 0.00	52.84 2.28 0.00	55.38 2.79 0.00	60.63 3.05 0.00	64.36 3.12 0.00	64.66 3.14 0.00	68.78 4.26 0.00	72.66 4.56 0.00	85.98 6.30 0.00	93.61 8.39 -0.47	125.59 9.87 -21.95	134.81 10.52 -30.15	166.28 10.88 -58.25	145.62 11.42 -22.24	120.42 8.24 -19.59	101.36 6.45 -11.11	77.69 4.25 2.51	66.81 2.70 0.14	58.63 2.31 0.00
CE_NYC_DRP 24195	58.00 2.81 0.00	52.62 2.88 0.00	49.99 2.79 0.00	49.54 2.98 0.00	49.42 2.75 0.00	51.31 2.68 0.00	53.29 2.73 0.00	55.91 3.31 0.00	61.26 3.68 0.00	64.98 3.74 0.00	65.28 3.75 0.00	69.43 4.90 0.00	73.48 5.38 0.00	86.86 7.17 0.00	94.37 9.15 -0.47	126.05 10.99 -21.94	135.47 11.20 -30.14	166.86 11.46 -58.24	146.74 12.54 -22.24	121.53 9.35 -19.59	102.29 7.37 -11.12	80.97 5.01 0.00	67.53 3.28 0.00	58.97 2.65 0.00
CHAFFEE___LFGE 323603	54.08 -1.10 0.00	48.29 -1.44 0.00	45.65 -1.56 0.00	44.56 -2.00 0.00	44.61 -2.05 0.00	46.35 -2.29 0.00	48.29 -2.27 0.00	49.92 -2.68 0.00	54.99 -2.59 0.00	59.28 -1.96 0.00	59.25 -2.28 0.00	62.33 -2.19 0.00	66.12 -1.98 0.00	76.34 -3.34 0.00	81.44 -3.31 0.00	91.30 -4.65 -2.83	93.67 -4.52 -4.06	101.26 -4.27 -8.38	111.52 -3.59 -3.15	93.64 -1.85 -2.90	83.57 -1.68 -1.44	73.60 -2.36 0.00	62.59 -1.67 0.00	56.04 -0.28 0.00
CHATEAUG_35_KV_LOAD 355732	54.80 -0.39 0.00	49.44 -0.30 0.00	46.97 -0.24 0.00	46.33 -0.23 0.00	46.62 -0.05 0.00	48.54 -0.10 0.00	50.46 -0.10 0.00	52.18 -0.42 0.00	57.00 -0.58 0.00	60.57 -0.67 0.00	60.79 -0.74 0.00	63.17 -1.35 0.00	66.60 -1.50 0.00	77.70 -1.99 0.00	81.28 -3.22 0.25	87.67 -3.54 1.91	88.45 -3.58 2.09	90.72 -3.79 2.65	102.04 -4.37 5.56	87.71 -3.06 1.83	81.34 -2.26 0.20	74.74 -1.22 0.00	63.81 -0.45 0.00	55.87 -0.45 0.00
CHATEAUG_WT_PWR 323614	54.64 -0.55 0.00	49.29 -0.45 0.00	46.88 -0.33 0.00	46.24 -0.32 0.00	46.53 -0.14 0.00	48.45 -0.19 0.00	50.31 -0.25 0.00	52.28 -0.31 0.00	56.89 -0.69 0.00	60.44 -0.80 0.00	60.66 -0.86 0.00	63.10 -1.42 0.00	66.54 -1.56 0.00	77.70 -1.99 0.00	81.29 -3.31 0.15	88.45 -3.54 1.13	89.21 -3.67 1.24	91.70 -3.89 1.57	104.08 -4.60 3.28	88.18 -3.33 1.08	81.08 -2.60 0.12	74.44 -1.52 0.00	63.36 -0.90 0.00	55.65 -0.67 0.00
CHAT_HIGH_FALL_HYD 323578	54.80 -0.39 0.00	49.44 -0.30 0.00	46.97 -0.24 0.00	46.33 -0.23 0.00	46.62 -0.05 0.00	48.54 -0.10 0.00	50.46 -0.10 0.00	52.18 -0.42 0.00	57.00 -0.58 0.00	60.57 -0.67 0.00	60.79 -0.74 0.00	63.17 -1.35 0.00	66.60 -1.50 0.00	77.70 -1.99 0.00	81.28 -3.22 0.25	87.67 -3.54 1.91	88.45 -3.58 2.09	90.72 -3.79 2.65	102.04 -4.37 5.56	87.71 -3.06 1.83	81.34 -2.26 0.20	74.74 -1.22 0.00	63.81 -0.45 0.00	55.87 -0.45 0.00
CHAUTAUQUA___LFGE 323629	54.69 -0.50 0.00	48.89 -0.85 0.00	46.17 -1.04 0.00	45.12 -1.44 0.00	45.22 -1.45 0.00	46.99 -1.65 0.00	48.99 -1.57 0.00	50.86 -1.73 0.00	56.03 -1.55 0.00	60.26 -0.98 0.00	60.29 -1.23 0.00	63.42 -1.10 0.00	67.28 -0.81 0.00	77.77 -1.91 0.00	82.88 -1.86 0.00	92.87 -3.07 -2.81	95.25 -2.92 -4.04	102.78 -2.72 -8.34	113.42 -1.68 -3.13	95.29 -0.18 -2.89	85.07 -0.17 -1.43	74.97 -0.99 0.00	63.61 -0.64 0.00	56.77 0.45 0.00
CHERRYST_13_KV_LD 356241	58.22 3.04 0.00	52.82 3.08 0.00	50.18 2.97 0.00	49.73 3.17 0.00	49.61 2.94 0.00	51.51 2.87 0.00	53.55 2.98 0.00	56.17 3.58 0.00	61.55 3.97 0.00	65.34 4.10 0.00	65.65 4.12 0.00	69.81 5.29 0.00	73.89 5.79 0.00	87.42 7.73 0.00	94.96 9.75 -0.47	126.71 11.64 -21.94	136.13 11.86 -30.14	167.54 12.14 -58.24	147.41 13.21 -22.24	121.99 9.81 -19.59	102.80 7.88 -11.12	81.27 5.32 0.00	67.79 3.53 0.00	59.20 2.87 0.00

CHESTROR_138KV_BK263 355645	56.90 1.71 0.00	51.57 1.84 0.00	49.04 1.84 0.00	48.47 1.91 0.00	48.39 1.73 0.00	50.34 1.70 0.00	52.28 1.72 0.00	54.70 2.10 0.00	59.88 2.30 0.00	63.51 2.27 0.00	63.86 2.34 0.00	67.75 3.23 0.00	71.71 3.61 0.00	84.71 5.02 0.00	91.10 6.36 0.00	120.50 7.54 -19.84	129.21 7.72 -27.36	158.33 7.97 -53.21	136.94 8.84 -16.13	114.12 6.67 -14.86	96.54 5.36 -7.38	79.68 3.72 0.00	66.51 2.25 0.00	58.01 1.69 0.00
CH_MIDHUDSON___DRP 24192	57.51 2.32 0.00	52.12 2.39 0.00	49.56 2.36 0.00	48.99 2.42 0.00	48.86 2.19 0.00	50.83 2.19 0.00	52.84 2.28 0.00	55.28 2.68 0.00	60.46 2.88 0.00	64.18 2.94 0.00	64.54 3.01 0.00	68.46 3.94 0.00	72.53 4.43 0.00	85.66 5.98 0.00	92.29 7.54 0.00	123.32 8.85 -21.35	132.70 9.04 -29.54	164.18 9.33 -57.70	140.33 10.41 -17.96	117.01 7.87 -16.55	98.47 6.45 -8.21	80.59 4.63 0.00	67.21 2.96 0.00	58.63 2.31 0.00
CH_MISC_IPPS 23765	57.84 2.65 0.00	52.47 2.73 0.00	49.85 2.64 0.00	49.26 2.70 0.00	49.09 2.43 0.00	51.02 2.38 0.00	53.14 2.58 0.00	55.43 2.84 0.00	60.86 3.28 0.00	64.54 3.30 0.00	64.91 3.38 0.00	68.84 4.32 0.00	73.00 4.91 0.00	86.22 6.54 0.00	92.97 8.22 0.00	123.54 9.68 -20.73	132.83 9.97 -28.74	163.76 10.29 -56.31	141.04 11.43 -17.65	117.56 8.70 -16.27	98.91 7.04 -8.07	81.19 5.24 0.00	67.85 3.60 0.00	59.03 2.70 0.00
CH_RES_BVR_FALLS 23983	55.08 -0.11 0.00	49.59 -0.15 0.00	47.06 -0.14 0.00	46.42 -0.14 0.00	46.62 -0.05 0.00	48.59 -0.05 0.00	50.51 -0.05 0.00	52.49 -0.10 0.00	57.41 -0.17 0.00	61.06 -0.18 0.00	61.28 -0.25 0.00	64.14 -0.38 0.00	67.21 -0.89 0.00	78.57 -1.12 0.00	83.11 -1.61 0.03	91.13 -1.77 0.22	92.09 -1.79 0.24	95.00 -1.85 0.30	109.19 -2.13 0.64	90.62 -1.76 0.21	82.35 -1.43 0.02	74.97 -0.99 0.00	63.61 -0.64 0.00	56.16 -0.17 0.00
CH_RES_NIAGARA 23895	52.26 -2.92 0.00	46.65 -3.08 0.00	44.09 -3.12 0.00	43.12 -3.45 0.00	43.17 -3.50 0.00	44.75 -3.89 0.00	46.57 -3.99 0.00	47.23 -5.36 0.00	52.63 -4.95 0.00	56.89 -4.35 0.00	56.79 -4.74 0.00	59.88 -4.65 0.00	63.47 -4.63 0.00	72.83 -6.85 0.00	77.71 -7.03 0.00	87.35 -8.29 -2.51	89.36 -8.38 -3.61	96.37 -8.16 -7.38	105.32 -9.40 -2.76	88.47 -6.67 -2.55	79.45 -5.61 -1.26	70.03 -5.92 0.00	59.57 -4.69 0.00	54.07 -2.25 0.00
CH_RES_SYRACUSE 23985	55.02 -0.17 0.00	49.49 -0.25 0.00	46.97 -0.23 0.00	46.14 -0.42 0.00	46.25 -0.42 0.00	48.15 -0.49 0.00	50.16 -0.41 0.00	52.28 -0.31 0.00	57.35 -0.23 0.00	61.06 -0.18 0.00	61.46 -0.06 0.00	64.59 0.06 0.00	67.90 -0.20 0.00	79.21 -0.48 0.00	84.58 -0.17 0.00	94.54 -0.28 -1.70	96.37 -0.19 -2.44	102.09 -0.10 -5.03	111.85 -0.11 0.00	92.87 0.28 0.00	83.97 0.17 0.00	75.73 -0.23 0.00	64.00 -0.26 0.00	56.32 0.00 0.00
CLINTON_WT_PWR 323605	54.64 -0.55 0.00	49.29 -0.45 0.00	46.88 -0.33 0.00	46.24 -0.32 0.00	46.53 -0.14 0.00	48.45 -0.19 0.00	50.31 -0.25 0.00	52.28 -0.31 0.00	56.89 -0.69 0.00	60.44 -0.80 0.00	60.66 -0.86 0.00	63.10 -1.42 0.00	66.54 -1.56 0.00	77.70 -1.99 0.00	81.29 -3.31 0.15	88.45 -3.54 1.13	89.21 -3.67 1.24	91.70 -3.89 1.57	104.08 -4.60 3.28	88.18 -3.33 1.08	81.08 -2.60 0.12	74.44 -1.52 0.00	63.36 -0.90 0.00	55.65 -0.67 0.00
CLINTON___LFGE 323618	54.69 -0.50 0.00	49.44 -0.30 0.00	47.16 -0.05 0.00	46.47 -0.09 0.00	46.81 0.14 0.00	48.54 -0.10 0.00	50.51 -0.05 0.00	52.44 -0.16 0.00	56.95 -0.63 0.00	60.44 -0.80 0.00	60.72 -0.80 0.00	63.10 -1.42 0.00	66.60 -1.50 0.00	77.86 -1.83 0.00	81.27 -3.31 0.17	88.25 -3.54 1.34	88.99 -3.67 1.46	91.41 -3.89 1.85	103.48 -4.60 3.88	88.26 -3.05 1.28	81.57 -2.09 0.14	74.74 -1.22 0.00	63.55 -0.71 0.00	55.76 -0.56 0.00
COBBLENY_34_KV_TB1 80064	54.08 -1.10 0.00	48.29 -1.44 0.00	45.60 -1.60 0.00	44.61 -1.96 0.00	44.71 -1.96 0.00	46.40 -2.24 0.00	48.29 -2.28 0.00	49.39 -3.21 0.00	54.99 -2.59 0.00	59.28 -1.96 0.00	59.19 -2.34 0.00	62.33 -2.19 0.00	66.12 -1.97 0.00	76.34 -3.35 0.00	81.44 -3.31 0.00	91.30 -4.66 -2.83	93.67 -4.52 -4.06	101.26 -4.27 -8.38	111.53 -3.58 -3.15	93.64 -1.85 -2.90	83.65 -1.59 -1.44	73.60 -2.35 0.00	62.20 -2.06 0.00	56.04 -0.28 0.00
COFFEEN___115KV_TB3 355620	57.89 2.70 0.00	52.07 2.34 0.00	49.38 2.17 0.00	48.38 1.82 0.00	48.77 2.10 0.00	50.93 2.29 0.00	52.99 2.43 0.00	55.02 2.42 0.00	59.77 2.19 0.00	63.57 2.33 0.00	62.14 0.62 0.00	65.04 0.52 0.00	68.64 0.54 0.00	80.25 0.56 0.00	85.14 0.17 -0.22	96.29 0.56 -2.61	98.43 1.13 -3.17	103.59 1.36 -5.08	120.55 3.69 -4.89	97.44 3.24 -1.61	89.17 5.20 -0.18	80.36 4.41 0.00	67.40 3.15 0.00	59.03 2.70 0.00
COLDSPRG_115KV_BK1 355956	54.97 -0.22 0.00	49.14 -0.60 0.00	46.35 -0.85 0.00	45.40 -1.16 0.00	45.50 -1.17 0.00	47.37 -1.26 0.00	49.45 -1.11 0.00	51.02 -1.58 0.00	56.77 -0.81 0.00	60.99 -0.24 0.00	60.97 -0.55 0.00	64.13 -0.39 0.00	68.10 0.00 0.00	78.89 -0.80 0.00	83.98 -0.76 0.00	93.69 -2.42 -2.98	96.15 -2.26 -4.29	103.86 -2.14 -8.84	115.19 -0.11 -3.34	96.69 1.02 -3.08	86.34 1.01 -1.53	75.96 0.00 0.00	63.81 -0.45 0.00	57.11 0.79 0.00
COLONIE_LFGE___ 323577	57.40 2.21 0.00	51.87 2.14 0.00	49.23 2.03 0.00	48.56 2.00 0.00	48.49 1.82 0.00	50.59 1.95 0.00	52.64 2.07 0.00	54.81 2.21 0.00	59.88 2.31 0.00	63.69 2.45 0.00	63.86 2.34 0.00	67.36 2.84 0.00	71.17 3.07 0.00	83.51 3.82 0.00	97.20 4.91 -7.54	156.27 5.40 -57.75	172.79 5.55 -73.11	225.59 5.83 -122.61	258.55 6.94 -139.64	212.34 5.55 -114.20	167.74 4.86 -79.08	79.75 3.80 0.00	67.28 3.02 0.00	58.58 2.26 0.00
COOPERNY_115KV_TB1 80082	56.40 1.21 0.00	51.03 1.29 0.00	48.53 1.32 0.00	48.01 1.44 0.00	47.93 1.26 0.00	49.86 1.22 0.00	51.78 1.21 0.00	54.07 1.47 0.00	59.19 1.61 0.00	62.89 1.65 0.00	63.25 1.72 0.00	66.91 2.39 0.00	70.82 2.72 0.00	83.43 3.75 0.00	89.49 4.75 0.00	113.90 5.59 -15.19	121.02 5.74 -21.16	144.74 5.83 -41.75	131.81 6.61 -13.25	109.70 4.91 -12.21	93.88 4.02 -6.06	78.69 2.73 0.00	65.86 1.61 0.00	57.56 1.24 0.00
COPENHAGEN_WT_PWR 323753	57.17 1.98 0.00	51.47 1.74 0.00	48.81 1.61 0.00	47.82 1.26 0.00	48.16 1.49 0.00	50.29 1.65 0.00	52.33 1.77 0.00	54.39 1.79 0.00	59.13 1.56 0.00	62.89 1.65 0.00	61.59 0.06 0.00	64.46 -0.06 0.00	68.10 0.00 0.00	79.61 -0.08 0.00	84.62 -0.34 -0.21	95.57 -0.09 -2.54	97.52 0.28 -3.11	102.57 0.39 -5.03	118.82 2.24 -4.62	96.14 2.03 -1.52	87.82 3.86 -0.17	79.22 3.26 0.00	66.57 2.31 0.00	58.29 1.97 0.00
CORNELL_____ 23752	56.24 1.05 0.00	50.58 0.85 0.00	48.01 0.80 0.00	47.12 0.56 0.00	47.23 0.56 0.00	49.17 0.54 0.00	51.22 0.66 0.00	53.28 0.68 0.00	58.44 0.86 0.00	62.28 1.04 0.00	62.51 0.98 0.00	65.62 1.10 0.00	69.39 1.29 0.00	81.04 1.35 0.00	86.53 1.78 0.00	98.66 1.77 -3.77	101.61 2.07 -5.42	110.76 2.43 -11.18	119.98 3.58 -4.44	100.01 3.33 -4.09	88.93 3.10 -2.03	78.23 2.28 0.00	65.67 1.41 0.00	57.62 1.30 0.00

CORONA__69_KV_TB1 355595	57.89 2.70 0.00	53.36 3.63 0.00	50.84 3.63 0.00	50.34 3.77 0.00	50.21 3.55 0.00	52.19 3.55 0.00	53.55 2.98 0.00	55.75 3.16 0.00	60.74 3.17 0.00	64.91 3.67 0.00	66.14 4.61 0.00	139.66 5.87 -69.27	129.84 6.40 -55.34	137.22 8.29 -49.25	120.43 10.08 -25.60	186.03 11.73 -81.17	288.84 12.05 -182.66	415.43 12.34 -305.94	299.61 13.88 -173.76	227.64 10.65 -124.40	103.81 8.88 -11.12	90.83 6.53 -8.35	76.17 4.63 -7.28	60.09 3.72 -0.05
CORTLAND__115KV_TB3 80093	55.74 0.55 0.00	50.18 0.45 0.00	47.63 0.42 0.00	46.84 0.28 0.00	46.95 0.28 0.00	48.88 0.24 0.00	50.87 0.30 0.00	52.96 0.37 0.00	58.10 0.52 0.00	61.91 0.67 0.00	62.14 0.62 0.00	65.36 0.84 0.00	69.05 0.95 0.00	80.80 1.12 0.00	86.27 1.53 0.00	97.65 1.49 -3.04	100.18 1.69 -4.36	108.00 1.85 -9.00	117.90 2.58 -3.37	98.10 2.41 -3.10	87.60 2.26 -1.54	77.47 1.52 0.00	65.09 0.84 0.00	57.11 0.79 0.00
COXSACKIE__GT 23611	58.77 3.59 0.00	53.07 3.33 0.00	50.32 3.11 0.00	49.55 2.98 0.00	49.47 2.80 0.00	51.66 3.02 0.00	53.75 3.19 0.00	55.81 3.21 0.00	60.92 3.34 0.00	64.24 3.00 0.00	64.17 2.64 0.00	67.43 2.91 0.00	70.89 2.79 0.00	82.96 3.27 0.00	81.53 5.08 8.30	68.86 5.97 30.23	70.25 6.31 30.18	80.25 7.38 24.29	70.03 8.74 50.67	69.53 7.68 30.74	50.73 6.87 39.94	81.43 5.47 0.00	68.50 4.24 0.00	59.70 3.38 0.00
CPV_VALLEY__CC1 323721	56.51 1.32 0.00	51.18 1.44 0.00	48.67 1.46 0.00	48.15 1.58 0.00	48.02 1.35 0.00	49.86 1.22 0.00	51.93 1.37 0.00	54.12 1.53 0.00	59.42 1.84 0.00	63.07 1.84 0.00	63.43 1.91 0.00	67.23 2.71 0.00	71.17 3.07 0.00	83.91 4.22 0.00	90.25 5.51 0.00	117.92 6.52 -18.28	126.07 6.68 -25.26	153.23 6.80 -49.28	134.62 7.62 -15.04	112.10 5.65 -13.86	95.12 4.44 -6.88	78.91 2.96 0.00	66.12 1.86 0.00	57.62 1.30 0.00
CPV_VALLEY__CC2 323722	56.51 1.32 0.00	51.18 1.44 0.00	48.67 1.46 0.00	48.15 1.58 0.00	48.02 1.35 0.00	49.86 1.22 0.00	51.93 1.37 0.00	54.12 1.53 0.00	59.42 1.84 0.00	63.07 1.84 0.00	63.43 1.91 0.00	67.23 2.71 0.00	71.17 3.07 0.00	83.91 4.22 0.00	90.25 5.51 0.00	117.92 6.52 -18.28	126.07 6.68 -25.26	153.23 6.80 -49.28	134.62 7.62 -15.04	112.10 5.65 -13.86	95.12 4.44 -6.88	78.91 2.96 0.00	66.12 1.86 0.00	57.62 1.30 0.00
CRESCENT__HYD 24018	57.40 2.21 0.00	51.87 2.14 0.00	49.23 2.03 0.00	48.56 2.00 0.00	48.49 1.82 0.00	50.59 1.95 0.00	52.64 2.07 0.00	54.81 2.21 0.00	59.88 2.31 0.00	63.69 2.45 0.00	63.86 2.34 0.00	67.36 2.84 0.00	71.17 3.07 0.00	83.51 3.82 0.00	97.20 4.91 -7.54	156.27 5.40 -57.75	172.79 5.55 -73.11	225.59 5.83 -122.61	258.55 6.94 -139.64	212.34 5.55 -114.20	167.74 4.86 -79.08	79.75 3.80 0.00	67.28 3.02 0.00	58.58 2.26 0.00
CRICKET__VALLEY_CC1 323756	56.84 1.65 0.00	51.58 1.84 0.00	49.04 1.84 0.00	48.43 1.86 0.00	48.34 1.68 0.00	50.24 1.60 0.00	52.33 1.77 0.00	54.54 1.95 0.00	59.76 2.19 0.00	63.44 2.20 0.00	63.80 2.28 0.00	67.68 3.16 0.00	71.64 3.54 0.00	84.47 4.78 0.00	91.97 6.27 -0.95	125.21 7.36 -24.73	135.19 7.43 -33.63	168.79 7.67 -63.97	149.53 8.62 -28.95	123.92 6.48 -24.85	104.15 5.20 -15.15	79.53 3.57 0.00	66.70 2.44 0.00	57.96 1.63 0.00
CRICKET__VALLEY_CC2 323757	56.84 1.65 0.00	51.58 1.84 0.00	49.04 1.84 0.00	48.43 1.86 0.00	48.34 1.68 0.00	50.24 1.60 0.00	52.33 1.77 0.00	54.54 1.95 0.00	59.76 2.19 0.00	63.44 2.20 0.00	63.80 2.28 0.00	67.68 3.16 0.00	71.64 3.54 0.00	84.47 4.78 0.00	91.97 6.27 -0.95	125.21 7.36 -24.73	135.19 7.43 -33.63	168.79 7.67 -63.97	149.53 8.62 -28.95	123.92 6.48 -24.85	104.15 5.20 -15.15	79.53 3.57 0.00	66.70 2.44 0.00	57.96 1.63 0.00
CRICKET__VALLEY_CC3 323758	56.84 1.65 0.00	51.58 1.84 0.00	49.04 1.84 0.00	48.43 1.86 0.00	48.34 1.68 0.00	50.24 1.60 0.00	52.33 1.77 0.00	54.54 1.95 0.00	59.76 2.19 0.00	63.44 2.20 0.00	63.80 2.28 0.00	67.68 3.16 0.00	71.64 3.54 0.00	84.47 4.78 0.00	91.97 6.27 -0.95	125.21 7.36 -24.73	135.19 7.43 -33.63	168.79 7.67 -63.97	149.53 8.62 -28.95	123.92 6.48 -24.85	104.15 5.20 -15.15	79.53 3.57 0.00	66.70 2.44 0.00	57.96 1.63 0.00
CRUCIBLE__METL_DRP 24180	55.02 -0.17 0.00	49.49 -0.25 0.00	46.97 -0.24 0.00	46.15 -0.42 0.00	46.25 -0.42 0.00	48.15 -0.49 0.00	50.16 -0.40 0.00	52.23 -0.37 0.00	57.35 -0.23 0.00	61.06 -0.18 0.00	61.46 -0.06 0.00	64.59 0.06 0.00	67.89 -0.20 0.00	79.21 -0.48 0.00	84.58 -0.17 0.00	94.54 -0.28 -1.70	96.37 -0.19 -2.44	102.09 -0.10 -5.03	111.85 -0.11 0.00	92.77 0.19 0.00	84.05 0.25 0.00	75.80 -0.15 0.00	63.87 -0.39 0.00	56.32 0.00 0.00
DAHOWA__HYDRO 323763	58.44 3.26 0.00	52.67 2.93 0.00	49.94 2.74 0.00	49.22 2.65 0.00	49.14 2.47 0.00	51.26 2.62 0.00	53.44 2.88 0.00	55.49 2.89 0.00	60.68 3.11 0.00	64.42 3.18 0.00	64.36 2.83 0.00	67.62 3.10 0.00	71.30 3.20 0.00	83.51 3.82 0.00	94.70 4.91 -5.04	143.81 5.40 -45.29	158.28 5.55 -58.61	205.71 6.12 -102.43	241.48 7.72 -121.80	201.53 6.38 -102.56	155.62 5.95 -65.87	80.74 4.79 0.00	68.37 4.12 0.00	59.59 3.27 0.00
DANC__LFGE 323619	56.02 0.83 0.00	50.43 0.70 0.00	47.82 0.61 0.00	46.93 0.37 0.00	47.18 0.51 0.00	49.23 0.59 0.00	51.22 0.66 0.00	53.28 0.68 0.00	58.09 0.52 0.00	61.79 0.55 0.00	61.10 -0.43 0.00	64.07 -0.45 0.00	67.69 -0.41 0.00	79.13 -0.55 0.00	84.20 -0.68 -0.14	94.74 -0.56 -2.17	96.50 -0.37 -2.75	101.61 -0.29 -4.75	115.85 0.79 -3.10	94.44 0.83 -1.02	86.01 2.10 -0.11	77.47 1.52 0.00	65.28 1.02 0.00	57.22 0.90 0.00
DANSKAMMER__1 23586	57.84 2.65 0.00	52.47 2.73 0.00	49.85 2.64 0.00	49.26 2.70 0.00	49.09 2.43 0.00	51.02 2.38 0.00	53.14 2.58 0.00	55.43 2.84 0.00	60.86 3.28 0.00	64.54 3.30 0.00	64.91 3.38 0.00	68.84 4.32 0.00	73.00 4.91 0.00	86.22 6.54 0.00	92.97 8.22 0.00	123.54 9.68 -20.73	132.83 9.97 -28.74	163.76 10.29 -56.31	141.04 11.43 -17.65	117.56 8.70 -16.27	98.91 7.04 -8.07	81.19 5.24 0.00	67.85 3.60 0.00	59.03 2.70 0.00
DANSKAMMER__2 23589	57.84 2.65 0.00	52.47 2.73 0.00	49.85 2.64 0.00	49.26 2.70 0.00	49.09 2.43 0.00	51.02 2.38 0.00	53.14 2.58 0.00	55.43 2.84 0.00	60.86 3.28 0.00	64.54 3.30 0.00	64.91 3.38 0.00	68.84 4.32 0.00	73.00 4.91 0.00	86.22 6.54 0.00	92.97 8.22 0.00	123.54 9.68 -20.73	132.83 9.97 -28.74	163.76 10.29 -56.31	141.04 11.43 -17.65	117.56 8.70 -16.27	98.91 7.04 -8.07	81.19 5.24 0.00	67.85 3.60 0.00	59.03 2.70 0.00
DANSKAMMER__3 23590	57.84 2.65 0.00	52.47 2.73 0.00	49.85 2.64 0.00	49.26 2.70 0.00	49.09 2.43 0.00	51.02 2.38 0.00	53.14 2.58 0.00	55.43 2.84 0.00	60.86 3.28 0.00	64.54 3.30 0.00	64.91 3.38 0.00	68.84 4.32 0.00	73.00 4.91 0.00	86.22 6.54 0.00	92.97 8.22 0.00	123.54 9.68 -20.73	132.83 9.97 -28.74	163.76 10.29 -56.31	141.04 11.43 -17.65	117.56 8.70 -16.27	98.91 7.04 -8.07	81.19 5.24 0.00	67.85 3.60 0.00	59.03 2.70 0.00

DANSKAMMER___4 23591	57.84 2.65 0.00	52.47 2.73 0.00	49.85 2.64 0.00	49.26 2.70 0.00	49.09 2.43 0.00	51.02 2.38 0.00	53.14 2.58 0.00	55.43 2.84 0.00	60.86 3.28 0.00	64.54 3.30 0.00	64.91 3.38 0.00	68.84 4.32 0.00	73.00 4.91 0.00	86.22 6.54 0.00	92.97 8.22 0.00	123.54 9.68 -20.73	132.83 9.97 -28.74	163.76 10.29 -56.31	141.04 11.43 -17.65	117.56 8.70 -16.27	98.91 7.04 -8.07	81.19 5.24 0.00	67.85 3.60 0.00	59.03 2.70 0.00
DANSKAMMER___DIESEL 23592	57.84 2.65 0.00	52.47 2.74 0.00	49.85 2.64 0.00	49.26 2.70 0.00	49.09 2.43 0.00	51.12 2.48 0.00	53.14 2.58 0.00	55.59 3.00 0.00	60.86 3.28 0.00	64.55 3.31 0.00	64.91 3.38 0.00	68.84 4.32 0.00	73.00 4.90 0.00	86.30 6.61 0.00	92.97 8.22 0.00	123.54 9.68 -20.73	132.84 9.98 -28.74	163.76 10.30 -56.31	141.03 11.42 -17.65	117.56 8.70 -16.27	99.00 7.12 -8.07	81.27 5.32 0.00	67.66 3.41 0.00	59.03 2.70 0.00
DARBY___SOLAR 323810	58.22 3.03 0.00	52.47 2.73 0.00	49.75 2.55 0.00	49.03 2.47 0.00	49.00 2.33 0.00	51.07 2.43 0.00	53.24 2.68 0.00	55.28 2.68 0.00	60.45 2.88 0.00	64.18 2.94 0.00	64.17 2.64 0.00	67.43 2.91 0.00	71.17 3.07 0.00	83.36 3.67 0.00	94.85 4.74 -5.36	145.20 5.21 -46.87	159.93 5.36 -60.45	208.07 5.93 -104.98	243.65 7.50 -124.19	202.84 6.11 -104.14	157.04 5.62 -67.62	80.44 4.48 0.00	68.11 3.86 0.00	59.36 3.04 0.00
DASHVILLE___HYD 23610	57.34 2.15 0.00	51.97 2.24 0.00	49.42 2.22 0.00	48.89 2.33 0.00	48.72 2.05 0.00	50.68 2.04 0.00	52.59 2.02 0.00	54.96 2.37 0.00	60.11 2.53 0.00	63.69 2.45 0.00	64.05 2.52 0.00	67.94 3.42 0.00	71.98 3.88 0.00	85.19 5.50 0.00	90.61 7.54 1.68	110.72 8.94 -8.65	117.98 9.13 -14.73	143.65 9.52 -36.97	126.35 10.64 -3.76	107.34 8.06 -6.70	88.74 6.62 1.68	80.44 4.48 0.00	67.08 2.83 0.00	58.58 2.25 0.00
DELAWARE___LFGE 323621	56.73 1.55 0.00	51.23 1.49 0.00	48.76 1.56 0.00	48.24 1.68 0.00	48.21 1.54 0.00	50.15 1.51 0.00	52.08 1.52 0.00	54.23 1.63 0.00	59.42 1.84 0.00	63.26 2.02 0.00	63.55 2.03 0.00	66.97 2.45 0.00	70.82 2.72 0.00	83.19 3.51 0.00	88.98 4.24 0.00	104.95 4.56 -7.27	109.18 4.61 -10.44	123.27 4.57 -21.55	132.37 5.71 -14.70	110.49 4.35 -13.55	94.38 3.85 -6.72	78.92 2.96 0.00	66.18 1.93 0.00	57.96 1.63 0.00
DERFIELD_115KV_TB7 355931	55.41 0.22 0.00	49.98 0.25 0.00	47.49 0.28 0.00	46.84 0.28 0.00	46.90 0.23 0.00	48.88 0.24 0.00	50.82 0.25 0.00	52.91 0.32 0.00	57.87 0.29 0.00	61.55 0.31 0.00	61.83 0.31 0.00	64.97 0.45 0.00	68.58 0.48 0.00	80.41 0.72 0.00	85.76 1.02 0.00	94.24 1.12 0.00	95.25 1.13 0.00	98.22 1.07 0.00	113.30 1.34 0.00	93.52 0.93 0.00	84.64 0.84 0.00	76.49 0.53 0.00	64.58 0.32 0.00	56.55 0.23 0.00
DOGLEVILLE___HYD 23807	54.36 -0.83 0.00	48.99 -0.75 0.00	46.50 -0.71 0.00	45.87 -0.70 0.00	46.01 -0.65 0.00	47.96 -0.68 0.00	49.91 -0.66 0.00	51.91 -0.68 0.00	56.77 -0.81 0.00	60.38 -0.86 0.00	60.60 -0.92 0.00	63.62 -0.90 0.00	67.15 -0.95 0.00	78.65 -1.04 0.00	83.81 -0.93 0.00	92.19 -0.93 0.00	92.90 -1.22 0.00	95.89 -1.26 0.00	110.73 -1.23 0.00	91.29 -1.30 0.00	82.71 -1.09 0.00	74.82 -1.14 0.00	63.29 -0.96 0.00	55.48 -0.84 0.00
DUNKIRK__115KV_TB_200 55889	54.58 -0.61 0.00	48.79 -0.94 0.00	46.07 -1.13 0.00	45.07 -1.49 0.00	45.17 -1.49 0.00	46.94 -1.70 0.00	48.89 -1.67 0.00	50.23 -2.37 0.00	55.85 -1.73 0.00	60.14 -1.10 0.00	60.11 -1.42 0.00	63.30 -1.23 0.00	67.15 -0.95 0.00	77.54 -2.15 0.00	82.71 -2.03 0.00	92.67 -3.26 -2.81	95.05 -3.11 -4.03	102.66 -2.82 -8.32	113.07 -2.02 -3.13	95.01 -0.46 -2.88	84.90 -0.34 -1.43	74.82 -1.14 0.00	63.04 -1.22 0.00	56.61 0.28 0.00
DUNKIRK___1 23563	54.58 -0.61 0.00	48.79 -0.94 0.00	46.07 -1.13 0.00	45.07 -1.49 0.00	45.17 -1.49 0.00	46.94 -1.70 0.00	48.89 -1.67 0.00	50.23 -2.37 0.00	55.85 -1.73 0.00	60.14 -1.10 0.00	60.11 -1.42 0.00	63.30 -1.23 0.00	67.15 -0.95 0.00	77.54 -2.15 0.00	82.71 -2.03 0.00	92.67 -3.26 -2.81	95.05 -3.11 -4.03	102.66 -2.82 -8.32	113.07 -2.02 -3.13	95.01 -0.46 -2.88	84.90 -0.34 -1.43	74.82 -1.14 0.00	63.04 -1.22 0.00	56.61 0.28 0.00
DUNKIRK___2 23564	54.58 -0.61 0.00	48.79 -0.94 0.00	46.07 -1.13 0.00	45.07 -1.49 0.00	45.17 -1.49 0.00	46.94 -1.70 0.00	48.89 -1.67 0.00	50.23 -2.37 0.00	55.85 -1.73 0.00	60.14 -1.10 0.00	60.11 -1.42 0.00	63.30 -1.23 0.00	67.15 -0.95 0.00	77.54 -2.15 0.00	82.71 -2.03 0.00	92.67 -3.26 -2.81	95.05 -3.11 -4.03	102.66 -2.82 -8.32	113.07 -2.02 -3.13	95.01 -0.46 -2.88	84.90 -0.34 -1.43	74.82 -1.14 0.00	63.04 -1.22 0.00	56.61 0.28 0.00
DUNKIRK___3 23565	54.25 -0.94 0.00	48.49 -1.24 0.00	45.79 -1.42 0.00	44.84 -1.72 0.00	44.89 -1.77 0.00	46.65 -1.99 0.00	48.59 -1.97 0.00	49.86 -2.74 0.00	55.45 -2.13 0.00	59.65 -1.59 0.00	59.62 -1.91 0.00	62.78 -1.74 0.00	66.60 -1.50 0.00	76.98 -2.71 0.00	82.04 -2.71 0.00	92.00 -3.91 -2.79	94.37 -3.76 -4.01	101.83 -3.59 -8.27	112.15 -2.91 -3.11	94.15 -1.30 -2.86	84.22 -1.01 -1.42	74.21 -1.75 0.00	62.59 -1.67 0.00	56.21 -0.11 0.00
DUNKIRK___4 23566	54.25 -0.94 0.00	48.49 -1.24 0.00	45.79 -1.42 0.00	44.84 -1.72 0.00	44.89 -1.77 0.00	46.65 -1.99 0.00	48.59 -1.97 0.00	49.86 -2.74 0.00	55.45 -2.13 0.00	59.65 -1.59 0.00	59.62 -1.91 0.00	62.78 -1.74 0.00	66.60 -1.50 0.00	76.98 -2.71 0.00	82.04 -2.71 0.00	92.00 -3.91 -2.79	94.37 -3.76 -4.01	101.83 -3.59 -8.27	112.15 -2.91 -3.11	94.15 -1.30 -2.86	84.22 -1.01 -1.42	74.21 -1.75 0.00	62.59 -1.67 0.00	56.21 -0.11 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	57.67 2.48 0.00	52.37 2.64 0.00	49.80 2.60 0.00	49.26 2.70 0.00	49.14 2.47 0.00	51.07 2.43 0.00	53.04 2.48 0.00	55.59 3.00 0.00	60.80 3.22 0.00	64.55 3.31 0.00	64.97 3.45 0.00	69.10 4.58 0.00	73.21 5.11 0.00	86.54 6.85 0.00	93.78 8.56 -0.47	125.31 10.24 -21.94	134.72 10.45 -30.14	166.18 10.78 -58.24	146.07 11.87 -22.24	121.07 8.89 -19.59	102.04 7.12 -11.12	80.89 4.94 0.00	67.34 3.08 0.00	58.80 2.48 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	57.40 2.21 0.00	52.07 2.34 0.00	49.47 2.27 0.00	48.89 2.33 0.00	48.77 2.10 0.00	50.78 2.14 0.00	52.74 2.17 0.00	55.17 2.58 0.00	60.40 2.82 0.00	64.06 2.82 0.00	64.42 2.89 0.00	68.33 3.81 0.00	72.46 4.36 0.00	85.59 5.90 0.00	92.20 7.46 0.00	121.62 8.75 -19.75	130.63 9.04 -27.47	160.58 9.33 -54.10	139.47 10.30 -17.21	116.32 7.87 -15.86	98.04 6.37 -7.87	80.59 4.63 0.00	67.15 2.89 0.00	58.58 2.25 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	57.56 2.37 0.00	52.22 2.49 0.00	49.71 2.50 0.00	49.50 2.93 0.00	49.23 2.57 0.00	50.73 2.09 0.00	52.64 2.07 0.00	55.17 2.58 0.00	60.34 2.76 0.00	64.06 2.82 0.00	64.54 3.01 0.00	68.84 4.32 0.00	72.66 4.56 0.00	85.98 6.30 0.00	93.69 8.47 -0.47	125.69 10.62 -21.95	135.01 10.73 -30.15	166.48 11.08 -58.25	145.63 11.42 -22.25	120.53 8.33 -19.61	101.45 6.54 -11.12	80.28 4.33 0.01	67.01 2.76 0.01	58.75 2.42 0.00

E179THST_13_KV_LOAD 356214	57.95 2.76 0.00	52.57 2.83 0.00	49.99 2.79 0.00	49.78 3.21 0.00	49.51 2.85 0.00	51.02 2.38 0.00	52.99 2.43 0.00	55.54 2.95 0.00	60.74 3.17 0.00	64.49 3.25 0.00	64.97 3.45 0.00	69.30 4.77 0.00	73.21 5.11 0.00	86.62 6.93 0.00	94.45 9.24 -0.47	126.53 11.45 -21.95	135.85 11.58 -30.15	167.46 12.05 -58.25	146.75 12.54 -22.25	121.36 9.17 -19.61	102.21 7.29 -11.12	80.96 5.01 0.01	67.53 3.28 0.01	59.20 2.87 0.00
EAST HAMPTON___GT 23717	58.61 3.42 0.00	54.32 4.57 -0.01	52.12 4.91 -0.01	51.46 4.89 -0.01	51.34 4.67 -0.01	52.68 4.03 -0.01	54.36 3.79 0.00	55.91 3.32 0.00	62.58 5.12 0.12	67.67 6.43 0.00	77.54 7.69 -8.33	259.97 8.13 -187.32	272.44 8.92 -195.42	254.62 10.84 -164.10	282.79 12.88 -185.17	349.50 14.52 -241.85	335.98 14.11 -227.74	355.96 14.57 -244.24	261.46 16.35 -133.15	261.25 12.87 -155.80	256.25 10.56 -161.89	253.18 7.45 -169.77	229.47 5.53 -159.68	124.36 5.86 -62.18
EAST RIVER___6 23660	57.95 2.76 0.00	52.57 2.83 0.00	49.94 2.74 0.00	49.50 2.94 0.00	49.33 2.66 0.00	51.07 2.43 0.00	53.14 2.58 0.00	55.49 2.89 0.00	61.03 3.45 0.00	64.79 3.55 0.00	65.03 3.51 0.00	69.23 4.71 0.00	73.21 5.11 0.00	86.54 6.85 0.00	94.11 8.90 -0.47	125.77 10.70 -21.94	135.18 10.91 -30.14	166.56 11.17 -58.24	146.40 12.21 -22.24	121.16 8.98 -19.59	101.87 6.95 -11.12	80.59 4.63 0.00	67.53 3.28 0.00	58.80 2.48 0.00
EAST RIVER___7 23524	57.95 2.76 0.00	52.57 2.83 0.00	49.94 2.74 0.00	49.50 2.94 0.00	49.33 2.66 0.00	51.07 2.43 0.00	53.14 2.58 0.00	55.49 2.89 0.00	61.03 3.45 0.00	64.79 3.55 0.00	65.03 3.51 0.00	69.23 4.71 0.00	73.21 5.11 0.00	86.54 6.85 0.00	94.11 8.90 -0.47	125.77 10.70 -21.94	135.18 10.91 -30.14	166.56 11.17 -58.24	146.40 12.21 -22.24	121.16 8.98 -19.59	101.87 6.95 -11.12	80.59 4.63 0.00	67.53 3.28 0.00	58.80 2.48 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	57.51 2.32 0.00	52.22 2.49 0.00	49.66 2.45 0.00	49.13 2.56 0.00	49.00 2.33 0.00	50.93 2.29 0.00	52.94 2.38 0.00	55.44 2.84 0.00	60.63 3.05 0.00	64.36 3.12 0.00	64.79 3.26 0.00	68.91 4.39 0.00	73.00 4.90 0.00	86.30 6.61 0.00	93.52 8.31 -0.47	124.89 9.87 -21.89	134.27 10.07 -30.08	165.56 10.30 -58.11	145.57 11.42 -22.19	120.65 8.52 -19.54	101.77 6.87 -11.09	80.66 4.71 0.00	67.21 2.96 0.00	58.63 2.31 0.00
EAST_HAMPTON___DIESEL 23722	58.50 3.31 0.00	54.22 4.48 -0.01	52.03 4.82 -0.01	51.37 4.80 -0.01	51.30 4.62 -0.01	52.59 3.94 -0.01	54.25 3.69 0.00	55.86 3.26 0.00	62.52 5.07 0.12	67.67 6.43 0.00	77.48 7.63 -8.33	259.90 8.06 -187.31	272.37 8.85 -195.42	254.54 10.75 -164.10	282.62 12.71 -185.17	349.31 14.34 -241.85	335.79 13.93 -227.74	355.77 14.38 -244.24	261.12 16.01 -133.15	261.07 12.69 -155.79	256.08 10.39 -161.89	253.02 7.29 -169.77	229.34 5.40 -159.68	124.30 5.80 -62.18
EAST_POINT___SOLAR 323840	61.04 5.85 0.00	54.91 5.17 0.00	52.02 4.82 0.00	51.32 4.75 0.00	51.38 4.71 0.00	53.70 5.06 0.00	55.72 5.16 0.00	57.28 4.68 0.00	62.35 4.78 0.00	66.08 4.84 0.00	66.14 4.62 0.00	68.78 4.26 0.00	72.59 4.49 0.00	84.79 5.10 0.00	92.72 5.68 -2.30	133.04 6.14 -33.77	145.05 5.27 -45.66	189.22 6.03 -86.04	212.70 8.28 -92.45	182.45 9.08 -80.78	140.27 9.55 -46.92	84.09 8.13 0.00	71.45 7.20 0.00	62.24 5.91 0.00
EAST_PULASKI___ESR 323781	54.86 -0.33 0.00	49.39 -0.35 0.00	46.88 -0.33 0.00	46.05 -0.51 0.00	46.20 -0.47 0.00	48.15 -0.49 0.00	50.11 -0.46 0.00	52.17 -0.42 0.00	57.06 -0.52 0.00	60.69 -0.55 0.00	60.60 -0.92 0.00	63.62 -0.90 0.00	67.21 -0.89 0.00	78.57 -1.12 0.00	83.81 -1.01 -0.07	93.81 -1.11 -1.80	95.57 -0.94 -2.39	100.63 -0.97 -4.45	112.91 -0.67 -1.61	92.84 -0.28 -0.53	84.11 0.25 -0.06	75.80 -0.15 0.00	64.00 -0.26 0.00	56.10 -0.22 0.00
EAST_RIVER___1 323558	58.00 2.81 0.00	52.62 2.88 0.00	49.99 2.78 0.00	49.55 2.98 0.00	49.42 2.75 0.00	51.12 2.48 0.00	53.29 2.73 0.00	55.70 3.10 0.00	61.27 3.69 0.00	64.98 3.74 0.00	65.28 3.75 0.00	69.42 4.90 0.00	73.48 5.38 0.00	86.78 7.09 0.00	94.37 9.16 -0.47	126.14 11.08 -21.94	135.46 11.20 -30.14	166.85 11.46 -58.24	146.74 12.54 -22.24	121.44 9.26 -19.59	102.21 7.29 -11.12	80.89 4.93 0.00	67.72 3.47 0.00	58.97 2.65 0.00
EAST_RIVER___2 323559	57.95 2.76 0.00	52.57 2.83 0.00	49.94 2.74 0.00	49.50 2.94 0.00	49.33 2.66 0.00	51.07 2.43 0.00	53.14 2.58 0.00	55.49 2.89 0.00	61.03 3.45 0.00	64.79 3.55 0.00	65.03 3.51 0.00	69.23 4.71 0.00	73.21 5.11 0.00	86.54 6.85 0.00	94.11 8.90 -0.47	125.77 10.70 -21.94	135.18 10.91 -30.14	166.56 11.17 -58.24	146.40 12.21 -22.24	121.16 8.98 -19.59	101.87 6.95 -11.12	80.59 4.63 0.00	67.53 3.28 0.00	58.80 2.48 0.00
EAST___DELAWARE_HYD 23607	57.07 1.88 0.00	51.67 1.94 0.00	49.14 1.94 0.00	48.52 1.96 0.00	48.44 1.77 0.00	50.34 1.70 0.00	52.38 1.82 0.00	54.65 2.05 0.00	59.94 2.36 0.00	63.57 2.33 0.00	63.86 2.34 0.00	67.68 3.16 0.00	71.77 3.67 0.00	84.71 5.02 0.00	91.27 6.53 0.00	116.30 7.82 -15.35	124.37 8.18 -22.06	151.22 8.55 -45.51	138.55 9.74 -16.85	115.43 7.31 -15.53	97.46 5.95 -7.71	80.28 4.33 0.00	67.15 2.89 0.00	58.41 2.09 0.00
EIGHT_POINT___WT_PWR 323820	55.35 0.17 0.00	49.54 -0.20 0.00	46.97 -0.23 0.00	45.91 -0.65 0.00	46.06 -0.61 0.00	47.91 -0.73 0.00	49.96 -0.60 0.00	51.97 -0.63 0.00	56.89 -0.69 0.00	60.87 -0.37 0.00	60.79 -0.74 0.00	63.75 -0.77 0.00	67.42 -0.68 0.00	78.26 -1.43 0.00	83.64 -1.10 0.00	94.42 -2.14 -3.43	97.17 -1.88 -4.93	105.88 -1.45 -10.18	115.73 -0.11 -3.88	97.46 1.30 -3.58	87.25 1.68 -1.78	76.71 0.76 0.00	64.83 0.58 0.00	57.22 0.90 0.00
ELBRIDGE_115KV_TB2 80188	54.75 -0.44 0.00	49.24 -0.50 0.00	46.73 -0.47 0.00	45.91 -0.65 0.00	46.01 -0.65 0.00	47.91 -0.73 0.00	49.85 -0.71 0.00	51.91 -0.68 0.00	56.94 -0.63 0.00	60.69 -0.55 0.00	61.03 -0.49 0.00	64.13 -0.39 0.00	67.69 -0.41 0.00	79.05 -0.64 0.00	84.41 -0.34 0.00	94.36 -0.56 -1.80	96.24 -0.47 -2.58	102.10 -0.39 -5.33	111.62 -0.34 0.00	92.68 0.09 0.00	83.88 0.08 0.00	75.65 -0.30 0.00	63.74 -0.51 0.00	56.04 -0.28 0.00
ELEC_TRO_TEK 24086	57.40 2.21 0.00	52.97 3.23 0.00	50.51 3.30 0.00	49.96 3.40 0.00	49.84 3.17 0.00	51.80 3.16 0.00	53.14 2.58 0.00	55.33 2.74 0.00	60.28 2.71 0.00	64.42 3.18 0.00	65.59 4.06 0.00	101.37 5.29 -31.56	99.03 5.72 -25.21	109.70 7.57 -22.44	118.06 9.24 -24.08	180.59 10.90 -76.57	278.80 11.20 -173.48	363.61 11.46 -254.99	252.73 12.76 -128.00	184.06 9.63 -81.84	102.88 7.96 -11.12	85.53 5.77 -3.81	71.67 3.98 -3.43	59.44 3.10 -0.02
ELLENBURG_WT_PWR 323604	54.64 -0.55 0.00	49.29 -0.45 0.00	46.88 -0.33 0.00	46.24 -0.32 0.00	46.53 -0.14 0.00	48.45 -0.19 0.00	50.31 -0.25 0.00	52.28 -0.31 0.00	56.89 -0.69 0.00	60.44 -0.80 0.00	60.66 -0.86 0.00	63.10 -1.42 0.00	66.54 -1.56 0.00	77.70 -1.99 0.00	81.29 -3.31 0.15	88.45 -3.54 1.13	89.21 -3.67 1.24	91.70 -3.89 1.57	104.08 -4.60 3.28	88.18 -3.33 1.08	81.08 -2.60 0.12	74.44 -1.52 0.00	63.36 -0.90 0.00	55.65 -0.67 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	53.75 -1.43 0.00	48.04 -1.69 0.00	45.36 -1.84 0.00	44.38 -2.19 0.00	44.43 -2.24 0.00	46.11 -2.53 0.00	47.98 -2.58 0.00	48.97 -3.63 0.00	54.53 -3.05 0.00	58.79 -2.45 0.00	58.76 -2.77 0.00	61.88 -2.65 0.00	65.58 -2.52 0.00	75.62 -4.06 0.00	80.68 -4.07 0.00	90.55 -5.21 -2.65	92.75 -5.18 -3.80	100.04 -4.95 -7.84	109.96 -4.93 -2.92	92.32 -2.96 -2.69	82.62 -2.51 -1.34	72.84 -3.11 0.00	61.62 -2.63 0.00	55.65 -0.68 0.00
EMPIRE_CC_1 323656	56.62 1.43 0.00	51.28 1.54 0.00	48.71 1.51 0.00	48.05 1.49 0.00	48.02 1.35 0.00	50.05 1.41 0.00	52.03 1.47 0.00	54.17 1.58 0.00	59.25 1.67 0.00	62.95 1.71 0.00	63.19 1.66 0.00	66.78 2.26 0.00	70.55 2.45 0.00	82.88 3.19 0.00	96.81 4.15 -7.92	147.10 4.65 -49.32	161.82 4.70 -62.99	209.52 4.95 -107.42	228.73 5.71 -111.07	184.26 4.54 -87.14	154.35 3.77 -66.78	78.69 2.73 0.00	66.31 2.06 0.00	57.73 1.41 0.00
EMPIRE_CC_2 323658	56.62 1.43 0.00	51.28 1.54 0.00	48.71 1.51 0.00	48.05 1.49 0.00	48.02 1.35 0.00	50.05 1.41 0.00	52.03 1.47 0.00	54.17 1.58 0.00	59.25 1.67 0.00	62.95 1.71 0.00	63.19 1.66 0.00	66.78 2.26 0.00	70.55 2.45 0.00	82.88 3.19 0.00	96.81 4.15 -7.92	147.10 4.65 -49.32	161.82 4.70 -62.99	209.52 4.95 -107.42	228.73 5.71 -111.07	184.26 4.54 -87.14	154.35 3.77 -66.78	78.69 2.73 0.00	66.31 2.06 0.00	57.73 1.41 0.00
ENORWICH_115KV_TB1 80156	59.38 4.19 0.00	53.46 3.73 0.00	50.74 3.54 0.00	49.73 3.17 0.00	50.03 3.36 0.00	52.14 3.50 0.00	54.30 3.74 0.00	56.49 3.89 0.00	61.78 4.20 0.00	65.95 4.72 0.00	65.83 4.31 0.00	69.04 4.52 0.00	73.07 4.97 0.00	85.43 5.74 0.00	91.19 6.44 0.00	105.60 7.26 -5.22	109.62 8.00 -7.50	120.98 8.36 -15.47	131.46 11.64 -7.85	109.18 9.35 -7.24	96.19 8.80 -3.59	83.09 7.14 0.00	69.46 5.20 0.00	60.89 4.56 0.00
ERIE_ST__34_KV_TB1-2 80199	53.92 -1.27 0.00	48.14 -1.59 0.00	45.46 -1.75 0.00	44.42 -2.14 0.00	44.52 -2.15 0.00	46.26 -2.38 0.00	48.14 -2.43 0.00	49.34 -3.26 0.00	54.93 -2.65 0.00	59.22 -2.02 0.00	59.19 -2.34 0.00	62.33 -2.19 0.00	66.12 -1.97 0.00	76.50 -3.19 0.00	81.61 -3.14 0.00	90.95 -4.94 -2.77	93.30 -4.80 -3.97	100.78 -4.57 -8.20	111.67 -3.36 -3.07	93.66 -1.76 -2.83	83.61 -1.59 -1.40	73.60 -2.35 0.00	62.07 -2.18 0.00	55.82 -0.51 0.00
ERIE_WT_PWR 323693	54.03 -1.16 0.00	48.24 -1.49 0.00	45.60 -1.61 0.00	44.52 -2.05 0.00	44.61 -2.05 0.00	46.31 -2.33 0.00	48.19 -2.38 0.00	49.81 -2.79 0.00	54.87 -2.71 0.00	59.16 -2.08 0.00	59.12 -2.40 0.00	62.20 -2.32 0.00	65.92 -2.18 0.00	76.10 -3.58 0.00	81.19 -3.56 0.00	91.01 -4.85 -2.73	93.25 -4.47 -3.92	100.77 -4.47 -8.09	110.96 -4.03 -3.03	93.16 -2.22 -2.79	83.26 -1.92 -1.38	73.37 -2.58 0.00	62.46 -1.80 0.00	55.93 -0.39 0.00
ESPRGFLD_115KV_TB1 80157	59.33 4.14 0.00	53.41 3.68 0.00	50.74 3.54 0.00	50.10 3.54 0.00	50.17 3.50 0.00	52.29 3.65 0.00	54.41 3.84 0.00	56.49 3.89 0.00	61.84 4.26 0.00	65.71 4.47 0.00	65.89 4.37 0.00	69.10 4.58 0.00	73.14 5.04 0.00	85.66 5.98 0.00	93.15 6.78 -1.62	108.19 7.36 -7.71	110.39 7.25 -9.02	117.47 7.58 -12.74	189.34 9.74 -67.64	159.95 8.15 -59.21	125.71 7.71 -34.20	82.34 6.38 0.00	69.33 5.08 0.00	60.66 4.34 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	56.13 0.94 0.00	50.48 0.75 0.00	47.96 0.76 0.00	47.08 0.51 0.00	47.18 0.51 0.00	49.13 0.49 0.00	51.17 0.61 0.00	53.23 0.63 0.00	58.38 0.81 0.00	62.22 0.98 0.00	62.39 0.86 0.00	65.55 1.03 0.00	69.26 1.16 0.00	80.96 1.28 0.00	86.44 1.69 0.00	98.55 1.68 -3.75	101.49 1.98 -5.39	110.61 2.33 -11.12	119.75 3.36 -4.43	99.82 3.15 -4.08	88.76 2.93 -2.03	78.08 2.13 0.00	65.54 1.29 0.00	57.51 1.18 0.00
ETNA____115KV_TB2 80207	56.13 0.94 0.00	50.48 0.75 0.00	47.96 0.76 0.00	47.08 0.51 0.00	47.18 0.51 0.00	49.13 0.49 0.00	51.17 0.61 0.00	53.23 0.63 0.00	58.38 0.81 0.00	62.22 0.98 0.00	62.39 0.86 0.00	65.55 1.03 0.00	69.26 1.16 0.00	80.96 1.28 0.00	86.44 1.69 0.00	98.55 1.68 -3.75	101.49 1.98 -5.39	110.61 2.33 -11.12	119.75 3.36 -4.43	99.82 3.15 -4.08	88.76 2.93 -2.03	78.08 2.13 0.00	65.54 1.29 0.00	57.51 1.18 0.00
EUCLID__115KV_TB2 356179	54.36 -0.83 0.00	48.94 -0.80 0.00	46.45 -0.76 0.00	45.68 -0.88 0.00	45.73 -0.93 0.00	47.62 -1.02 0.00	49.60 -0.96 0.00	51.60 -1.00 0.00	56.66 -0.92 0.00	60.38 -0.86 0.00	60.72 -0.80 0.00	63.81 -0.71 0.00	67.42 -0.68 0.00	78.81 -0.88 0.00	84.07 -0.68 0.00	93.79 -0.74 -1.42	95.40 -0.75 -2.03	100.67 -0.68 -4.20	111.18 -0.78 0.00	92.22 -0.37 0.00	83.47 -0.34 0.00	75.20 -0.76 0.00	63.42 -0.84 0.00	55.70 -0.62 0.00
E_CANADA_CAP_HY 24051	60.76 5.57 0.00	54.71 4.97 0.00	51.88 4.67 0.00	51.17 4.61 0.00	51.19 4.53 0.00	53.46 4.82 0.00	55.62 5.06 0.00	57.54 4.94 0.00	62.82 5.24 0.00	66.56 5.33 0.00	66.69 5.17 0.00	69.69 5.16 0.00	73.55 5.45 0.00	86.07 6.38 0.00	94.16 7.29 -2.13	134.95 7.91 -33.92	147.73 7.53 -46.08	192.88 8.25 -87.47	208.88 10.64 -86.27	177.54 9.54 -75.41	136.77 9.22 -43.75	83.71 7.75 0.00	71.14 6.88 0.00	62.01 5.69 0.00
E_CANADA_MHWK_HY 24050	54.36 -0.83 0.00	48.99 -0.74 0.00	46.50 -0.71 0.00	45.91 -0.65 0.00	46.01 -0.65 0.00	47.96 -0.68 0.00	49.90 -0.66 0.00	51.91 -0.69 0.00	56.77 -0.81 0.00	60.38 -0.86 0.00	60.60 -0.92 0.00	63.62 -0.90 0.00	67.15 -0.95 0.00	78.65 -1.04 0.00	83.82 -0.93 0.00	92.19 -0.93 0.00	92.90 -1.23 0.00	95.89 -1.27 0.00	110.73 -1.23 0.00	91.29 -1.30 0.00	82.71 -1.09 0.00	74.82 -1.14 0.00	63.36 -0.90 0.00	55.48 -0.84 0.00
E_FISHKILL__LBMP 23776	57.12 1.93 0.00	51.82 2.09 0.00	49.28 2.08 0.00	48.75 2.19 0.00	48.63 1.96 0.00	50.58 1.95 0.00	52.53 1.97 0.00	54.96 2.37 0.00	60.11 2.53 0.00	63.81 2.57 0.00	64.17 2.65 0.00	68.13 3.61 0.00	72.12 4.02 0.00	85.19 5.50 0.00	92.18 6.95 -0.48	123.76 8.19 -22.44	133.32 8.38 -30.82	165.23 8.55 -59.52	144.32 9.63 -22.73	119.73 7.13 -20.01	100.96 5.78 -11.37	79.90 3.95 0.00	66.70 2.44 0.00	58.24 1.92 0.00
FALCON__SEABRD_CC1 323796	53.92 -1.27 0.00	48.94 -0.80 0.00	46.73 -0.47 0.00	46.10 -0.47 0.00	46.43 -0.23 0.00	48.06 -0.58 0.00	49.96 -0.60 0.00	51.91 -0.69 0.00	56.19 -1.38 0.00	59.71 -1.53 0.00	59.92 -1.60 0.00	62.33 -2.19 0.00	65.78 -2.32 0.00	76.82 -2.87 0.00	80.27 -4.32 0.16	87.24 -4.65 1.23	87.88 -4.90 1.34	90.30 -5.15 1.70	102.35 -6.05 3.57	86.97 -4.44 1.17	80.32 -3.35 0.13	73.68 -2.28 0.00	62.59 -1.67 0.00	54.97 -1.35 0.00
FALCON__SEABRD_CC2 323797	53.92 -1.27 0.00	48.94 -0.80 0.00	46.73 -0.47 0.00	46.10 -0.47 0.00	46.43 -0.23 0.00	48.06 -0.58 0.00	49.96 -0.60 0.00	51.91 -0.69 0.00	56.19 -1.38 0.00	59.71 -1.53 0.00	59.92 -1.60 0.00	62.33 -2.19 0.00	65.78 -2.32 0.00	76.82 -2.87 0.00	80.27 -4.32 0.16	87.24 -4.65 1.23	87.88 -4.90 1.34	90.30 -5.15 1.70	102.35 -6.05 3.57	86.97 -4.44 1.17	80.32 -3.35 0.13	73.68 -2.28 0.00	62.59 -1.67 0.00	54.97 -1.35 0.00

FAR ROCKAWAY___4 23548	58.55 3.37 0.00	54.01 4.28 0.00	51.41 4.20 0.00	50.85 4.28 0.00	50.73 4.06 0.00	52.73 4.09 0.00	54.05 3.49 0.00	56.33 3.73 0.00	61.38 3.80 0.00	65.71 4.47 0.00	67.06 5.54 0.00	144.97 6.90 -73.54	134.34 7.49 -58.75	141.62 9.64 -52.29	121.99 11.53 -25.72	187.70 13.04 -81.54	290.89 13.37 -183.40	422.22 13.80 -311.27	306.20 15.56 -178.68	233.97 12.31 -129.06	105.15 10.22 -11.12	92.49 7.67 -8.86	77.51 5.53 -7.73	60.88 4.51 -0.05
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	58.00 2.81 0.00	52.62 2.88 0.00	50.04 2.83 0.00	49.54 2.98 0.00	49.42 2.75 0.00	51.31 2.68 0.00	53.34 2.78 0.00	55.91 3.31 0.00	61.26 3.68 0.00	64.98 3.74 0.00	65.28 3.75 0.00	69.43 4.90 0.00	73.41 5.31 0.00	86.86 7.17 0.00	94.37 9.15 -0.47	126.05 10.99 -21.94	135.47 11.20 -30.14	166.86 11.46 -58.24	146.85 12.65 -22.24	121.53 9.35 -19.59	102.29 7.37 -11.12	80.97 5.01 0.00	67.53 3.28 0.00	58.97 2.65 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	58.00 2.81 0.00	52.62 2.88 0.00	50.04 2.83 0.00	49.54 2.98 0.00	49.42 2.75 0.00	51.31 2.68 0.00	53.34 2.78 0.00	55.91 3.31 0.00	61.26 3.68 0.00	64.98 3.74 0.00	65.28 3.75 0.00	69.43 4.90 0.00	73.41 5.31 0.00	86.86 7.17 0.00	94.37 9.15 -0.47	126.05 10.99 -21.94	135.47 11.20 -30.14	166.86 11.46 -58.24	146.85 12.65 -22.24	121.53 9.35 -19.59	102.38 7.46 -11.12	80.97 5.01 0.00	67.53 3.28 0.00	59.03 2.70 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	57.95 2.76 0.00	52.57 2.83 0.00	49.99 2.79 0.00	49.50 2.93 0.00	49.37 2.71 0.00	51.27 2.63 0.00	53.29 2.73 0.00	55.86 3.26 0.00	61.20 3.63 0.00	64.91 3.67 0.00	65.22 3.69 0.00	69.36 4.84 0.00	73.34 5.24 0.00	86.78 7.09 0.00	94.29 9.07 -0.47	125.96 10.90 -21.94	135.37 11.11 -30.14	166.76 11.37 -58.24	146.63 12.43 -22.24	121.44 9.26 -19.59	102.21 7.29 -11.12	80.89 4.94 0.00	67.47 3.21 0.00	58.91 2.59 0.00
FARRAGUT___LBMP 323566	57.89 2.70 0.00	52.52 2.79 0.00	49.94 2.74 0.00	49.45 2.89 0.00	49.33 2.66 0.00	51.22 2.58 0.00	53.24 2.68 0.00	55.80 3.21 0.00	61.15 3.57 0.00	64.85 3.61 0.00	65.15 3.63 0.00	69.30 4.77 0.00	73.27 5.18 0.00	86.70 7.01 0.00	94.12 8.90 -0.47	125.78 10.71 -21.94	135.28 11.01 -30.14	166.67 11.27 -58.24	146.51 12.32 -22.24	121.25 9.07 -19.59	102.13 7.21 -11.12	80.82 4.86 0.00	67.40 3.15 0.00	58.86 2.53 0.00
FENNER___WINDPWR 24204	56.40 1.21 0.00	50.78 1.05 0.00	48.20 0.99 0.00	47.40 0.84 0.00	47.55 0.88 0.00	49.56 0.92 0.00	51.57 1.01 0.00	53.75 1.16 0.00	58.84 1.27 0.00	62.65 1.41 0.00	62.82 1.29 0.00	65.94 1.42 0.00	69.73 1.63 0.00	81.60 1.91 0.00	87.07 2.29 -0.03	97.92 2.52 -2.28	100.13 2.82 -3.18	106.31 2.82 -6.34	116.54 3.81 -0.77	95.99 3.15 -0.25	86.84 3.01 -0.03	78.23 2.28 0.00	65.92 1.67 0.00	57.67 1.35 0.00
FIBERTEK___ENERGY 23856	55.02 -0.17 0.00	49.49 -0.25 0.00	46.97 -0.24 0.00	46.15 -0.42 0.00	46.25 -0.42 0.00	48.15 -0.49 0.00	50.16 -0.40 0.00	52.23 -0.37 0.00	57.35 -0.23 0.00	61.06 -0.18 0.00	61.46 -0.06 0.00	64.59 0.06 0.00	67.89 -0.20 0.00	79.21 -0.48 0.00	84.58 -0.17 0.00	94.54 -0.28 -1.70	96.37 -0.19 -2.44	102.09 -0.10 -5.03	111.85 -0.11 0.00	92.77 0.19 0.00	84.05 0.25 0.00	75.80 -0.15 0.00	63.87 -0.39 0.00	56.32 0.00 0.00
FITZPATRICK___ 23598	53.59 -1.60 0.00	48.24 -1.49 0.00	45.79 -1.41 0.00	45.03 -1.54 0.00	45.13 -1.54 0.00	46.99 -1.65 0.00	48.90 -1.67 0.00	50.91 -1.69 0.00	55.79 -1.79 0.00	59.40 -1.84 0.00	59.74 -1.79 0.00	62.72 -1.81 0.00	66.26 -1.84 0.00	77.46 -2.23 0.00	82.54 -2.20 0.00	91.70 -2.42 -1.00	93.11 -2.45 -1.43	97.69 -2.43 -2.96	109.05 -2.91 0.00	90.46 -2.13 0.00	81.88 -1.92 0.00	73.91 -2.05 0.00	62.46 -1.80 0.00	54.81 -1.52 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP-G 345010	58.00 2.81 0.00	52.57 2.83 0.00	49.94 2.74 0.00	49.36 2.79 0.00	49.23 2.57 0.00	51.22 2.58 0.00	53.24 2.68 0.00	55.70 3.10 0.00	60.97 3.40 0.00	64.73 3.49 0.00	65.09 3.57 0.00	69.04 4.52 0.00	73.21 5.11 0.00	86.54 6.85 0.00	93.22 8.47 0.00	124.16 9.96 -21.07	133.54 10.26 -29.16	164.82 10.69 -56.97	141.42 11.76 -17.70	117.88 8.98 -16.31	99.27 7.37 -8.10	81.42 5.47 0.00	67.85 3.60 0.00	59.20 2.87 0.00
FORT ORANGE___ 23900	56.18 0.99 0.00	50.78 1.05 0.00	48.24 1.04 0.00	47.64 1.07 0.00	47.55 0.88 0.00	49.52 0.88 0.00	51.52 0.96 0.00	53.54 0.95 0.00	58.61 1.04 0.00	62.22 0.98 0.00	62.45 0.92 0.00	65.88 1.36 0.00	69.33 1.23 0.00	81.28 1.59 0.00	72.81 2.63 14.57	29.15 3.17 67.15	24.15 3.20 73.17	16.42 3.49 84.23	9.09 4.02 106.90	25.87 3.80 70.52	8.68 3.18 78.31	78.16 2.20 0.00	65.92 1.67 0.00	57.45 1.13 0.00
FORT_DRUM_COGEN 23780	57.45 2.26 0.00	51.67 1.94 0.00	49.00 1.79 0.00	48.05 1.49 0.00	48.39 1.73 0.00	50.54 1.90 0.00	52.59 2.02 0.00	54.60 2.00 0.00	59.42 1.84 0.00	63.14 1.90 0.00	61.65 0.12 0.00	64.59 0.06 0.00	68.17 0.07 0.00	79.69 0.00 0.00	84.64 -0.34 -0.23	95.72 -0.09 -2.69	97.75 0.38 -3.25	102.78 0.49 -5.14	119.64 2.46 -5.21	96.53 2.22 -1.72	88.26 4.27 -0.19	79.60 3.65 0.00	66.83 2.57 0.00	58.52 2.20 0.00
FOX_HILLS___ESR 323835	52.18 1.99 4.99	51.85 2.14 0.02	49.75 2.55 0.00	49.50 2.93 0.00	49.23 2.57 0.00	50.73 2.09 0.00	51.75 1.87 0.68	52.31 2.42 2.70	52.19 2.76 8.15	52.21 2.88 11.90	52.77 3.01 11.76	54.10 4.19 14.62	55.97 4.49 16.63	67.65 6.22 18.26	93.43 8.22 -0.46	105.10 10.34 -1.64	108.30 10.45 -3.73	145.10 10.88 -37.07	124.45 11.42 -1.07	98.21 8.24 2.62	77.40 6.62 13.02	63.29 4.33 16.99	53.44 2.70 13.52	52.40 2.03 5.95
FPL_FAR_ROCK_GT1 24212	58.56 3.37 0.00	53.81 4.08 0.00	51.41 4.20 -0.01	50.85 4.28 -0.01	50.73 4.06 -0.01	52.05 3.40 -0.01	54.05 3.49 0.00	55.65 3.05 0.00	61.38 3.80 0.00	65.71 4.47 0.00	67.00 5.47 0.00	144.97 6.91 -73.54	134.34 7.49 -58.75	141.53 9.56 -52.29	121.99 11.52 -25.72	187.80 13.13 -81.54	290.88 13.36 -183.40	422.22 13.79 -311.27	306.20 15.56 -178.68	233.97 12.32 -129.06	105.07 10.14 -11.13	92.41 7.59 -8.86	77.77 5.79 -7.73	60.88 4.51 -0.05
FPL_FAR_ROCK_GT2 23815	58.56 3.37 0.00	53.81 4.08 0.00	51.41 4.20 -0.01	50.85 4.28 -0.01	50.73 4.06 -0.01	52.05 3.40 -0.01	54.05 3.49 0.00	55.65 3.05 0.00	61.38 3.80 0.00	65.71 4.47 0.00	67.00 5.47 0.00	144.97 6.91 -73.54	134.34 7.49 -58.75	141.53 9.56 -52.29	121.99 11.52 -25.72	187.80 13.13 -81.54	290.88 13.36 -183.40	422.22 13.79 -311.27	306.20 15.56 -178.68	233.97 12.32 -129.06	105.07 10.14 -11.13	92.41 7.59 -8.86	77.77 5.79 -7.73	60.88 4.51 -0.05
FRANKLIN_FALL_HYD 24054	55.46 0.28 0.00	49.93 0.20 0.00	47.39 0.19 0.00	46.70 0.14 0.00	47.09 0.42 0.00	49.08 0.44 0.00	51.07 0.51 0.00	52.86 0.26 0.00	57.75 0.17 0.00	61.30 0.06 0.00	61.40 -0.12 0.00	63.75 -0.77 0.00	67.28 -0.82 0.00	78.57 -1.12 0.00	81.54 -2.71 0.49	86.27 -3.07 3.78	86.78 -3.20 4.14	88.52 -3.40 5.24	96.95 -4.03 10.98	86.48 -2.50 3.61	81.90 -1.51 0.39	75.58 -0.38 0.00	64.51 0.26 0.00	56.49 0.17 0.00

FREEPORT_EQUS_GT1 23764	57.78 2.59 0.00	53.21 3.48 0.00	50.94 3.73 -0.01	50.43 3.86 -0.01	50.32 3.64 -0.01	51.52 2.87 -0.01	53.49 2.93 0.00	55.02 2.42 0.00	60.63 3.05 0.00	64.91 3.67 0.00	65.96 4.43 0.00	96.85 5.81 -26.52	95.68 6.40 -21.18	106.51 7.97 -18.85	118.65 9.83 -24.08	181.33 11.64 -76.57	279.56 11.96 -173.48	359.44 12.34 -249.95	248.69 13.77 -122.96	179.84 10.46 -76.79	103.39 8.46 -11.13	85.84 6.69 -3.20	72.19 4.88 -3.05	60.00 3.66 -0.02
FREEPORT___CT2 23818	57.78 2.59 0.00	53.21 3.48 0.00	50.94 3.73 -0.01	50.43 3.86 -0.01	50.32 3.64 -0.01	51.52 2.87 -0.01	53.49 2.93 0.00	55.02 2.42 0.00	60.63 3.05 0.00	64.91 3.67 0.00	65.96 4.43 0.00	96.85 5.81 -26.52	95.68 6.40 -21.18	106.51 7.97 -18.85	118.65 9.83 -24.08	181.33 11.64 -76.57	279.56 11.96 -173.48	359.44 12.34 -249.95	248.69 13.77 -122.96	179.84 10.46 -76.79	103.39 8.46 -11.13	85.84 6.69 -3.20	72.19 4.88 -3.05	60.00 3.66 -0.02
FRESHKLS_33_KV_LOAD 356253	52.07 1.88 4.99	51.75 2.04 0.02	49.80 2.60 0.00	49.54 2.98 0.00	49.33 2.66 0.00	50.73 2.09 0.00	51.65 1.77 0.68	52.26 2.37 2.70	52.08 2.65 8.15	52.09 2.76 11.90	52.65 2.89 11.76	53.97 4.06 14.62	55.90 4.43 16.63	67.57 6.14 18.26	82.34 8.22 10.63	105.19 10.43 -1.64	108.30 10.45 -3.73	145.20 10.98 -37.07	124.68 11.64 -1.07	98.30 8.33 2.62	77.48 6.70 13.02	63.29 4.33 16.99	53.44 2.70 13.52	52.34 1.97 5.95
FULTON COGEN____ 23766	54.25 -0.94 0.00	48.84 -0.90 0.00	46.35 -0.85 0.00	45.54 -1.02 0.00	45.64 -1.03 0.00	47.52 -1.12 0.00	49.50 -1.06 0.00	51.49 -1.10 0.00	56.48 -1.09 0.00	60.20 -1.04 0.00	60.54 -0.98 0.00	63.55 -0.97 0.00	67.15 -0.95 0.00	78.49 -1.20 0.00	83.84 -0.93 -0.03	93.56 -1.12 -1.55	95.24 -1.04 -2.15	100.44 -0.97 -4.25	111.59 -1.01 -0.64	92.24 -0.56 -0.21	83.32 -0.50 -0.02	75.12 -0.84 0.00	63.29 -0.96 0.00	55.54 -0.79 0.00
FULTON___LFGE 323630	60.37 5.19 0.00	54.36 4.63 0.00	51.54 4.34 0.00	50.80 4.24 0.00	50.87 4.20 0.00	53.06 4.43 0.00	55.27 4.70 0.00	57.17 4.57 0.00	62.47 4.89 0.00	66.14 4.90 0.00	66.26 4.74 0.00	69.23 4.71 0.00	73.07 4.97 0.00	85.50 5.81 0.00	93.78 6.69 -2.34	134.21 7.36 -33.73	146.93 7.25 -45.56	190.80 7.97 -85.68	216.05 10.08 -94.00	183.70 8.98 -82.13	140.06 8.55 -47.71	83.17 7.22 0.00	70.62 6.36 0.00	61.56 5.24 0.00
G.F.CEMENT___DRP 24184	58.72 3.53 0.00	52.87 3.13 0.00	50.04 2.83 0.00	49.26 2.70 0.00	49.23 2.57 0.00	51.41 2.77 0.00	53.60 3.03 0.00	55.75 3.16 0.00	60.97 3.40 0.00	64.73 3.49 0.00	64.54 3.01 0.00	67.75 3.23 0.00	71.30 3.20 0.00	83.51 3.83 0.00	94.06 4.83 -4.48	140.93 5.21 -42.59	155.05 5.46 -55.47	201.25 6.02 -98.08	237.73 8.06 -117.71	199.02 6.57 -99.86	152.80 6.12 -62.88	81.04 5.09 0.00	68.56 4.31 0.00	59.82 3.49 0.00
GARDENVILLE___LBMP 24039	53.92 -1.27 0.00	48.14 -1.59 0.00	45.50 -1.70 0.00	44.52 -2.05 0.00	44.57 -2.10 0.00	46.26 -2.38 0.00	48.09 -2.48 0.00	49.13 -3.47 0.00	54.70 -2.88 0.00	58.91 -2.33 0.00	58.88 -2.65 0.00	61.94 -2.58 0.00	65.65 -2.45 0.00	75.70 -3.98 0.00	80.76 -3.98 0.00	90.63 -5.31 -2.82	92.99 -5.18 -4.05	100.54 -4.95 -8.34	110.39 -4.70 -3.13	92.79 -2.69 -2.88	83.05 -2.18 -1.43	73.14 -2.81 0.00	61.81 -2.44 0.00	55.70 -0.62 0.00
GARDNVLA_35_KV_LD 355827	54.14 -1.05 0.00	48.34 -1.39 0.00	45.65 -1.56 0.00	44.65 -1.91 0.00	44.71 -1.96 0.00	46.40 -2.24 0.00	48.29 -2.28 0.00	49.34 -3.26 0.00	54.93 -2.65 0.00	59.28 -1.96 0.00	59.19 -2.34 0.00	62.33 -2.19 0.00	66.12 -1.97 0.00	76.26 -3.43 0.00	81.36 -3.39 0.00	91.30 -4.56 -2.74	93.54 -4.52 -3.93	100.98 -4.27 -8.10	111.19 -3.81 -3.03	93.35 -2.04 -2.80	83.43 -1.76 -1.39	73.52 -2.43 0.00	62.20 -2.06 0.00	56.04 -0.28 0.00
GELCKHM___115KV_LOAD 80723	54.64 -0.55 0.00	49.14 -0.60 0.00	46.64 -0.57 0.00	45.87 -0.70 0.00	45.92 -0.75 0.00	47.81 -0.83 0.00	49.80 -0.76 0.00	51.81 -0.79 0.00	56.89 -0.69 0.00	60.63 -0.61 0.00	60.97 -0.55 0.00	64.13 -0.39 0.00	67.62 -0.48 0.00	78.97 -0.72 0.00	84.24 -0.51 0.00	93.99 -0.65 -1.52	95.74 -0.56 -2.18	101.17 -0.49 -4.50	111.40 -0.56 0.00	92.40 -0.19 0.00	83.63 -0.17 0.00	75.42 -0.53 0.00	63.55 -0.71 0.00	55.93 -0.39 0.00
GENERAL___MILLS 23808	54.03 -1.16 0.00	48.24 -1.49 0.00	45.55 -1.65 0.00	44.56 -2.00 0.00	44.61 -2.05 0.00	46.30 -2.33 0.00	48.19 -2.38 0.00	49.23 -3.37 0.00	54.81 -2.76 0.00	59.10 -2.14 0.00	59.06 -2.46 0.00	62.13 -2.39 0.00	65.92 -2.18 0.00	76.02 -3.67 0.00	81.10 -3.64 0.00	90.92 -4.94 -2.73	93.25 -4.80 -3.92	100.67 -4.57 -8.09	110.85 -4.14 -3.03	93.06 -2.31 -2.79	83.17 -2.01 -1.38	73.30 -2.66 0.00	62.01 -2.25 0.00	55.87 -0.45 0.00
GE_PLASTICS___DRP 24183	56.24 1.05 0.00	50.83 1.09 0.00	48.34 1.13 0.00	47.77 1.21 0.00	47.69 1.03 0.00	49.66 1.02 0.00	51.57 1.01 0.00	53.75 1.16 0.00	58.73 1.15 0.00	62.40 1.16 0.00	62.69 1.17 0.00	66.13 1.61 0.00	69.53 1.43 0.00	81.44 1.75 0.00	78.51 2.63 8.86	62.55 2.89 33.46	63.29 2.92 33.75	71.70 3.11 28.57	62.43 3.58 53.11	63.46 2.78 31.91	43.87 2.26 42.19	77.47 1.52 0.00	65.16 0.90 0.00	56.89 0.56 0.00
GILBOA___1 23756	56.23 1.05 0.00	50.88 1.14 0.00	48.67 1.46 0.00	48.43 1.86 0.00	48.20 1.54 0.00	50.15 1.51 0.00	51.77 1.21 0.00	53.75 1.16 0.00	58.90 1.33 0.00	62.59 1.35 0.00	62.88 1.35 0.00	66.39 1.87 0.00	70.21 2.11 0.00	82.48 2.79 0.00	88.47 3.72 0.00	112.82 3.54 -16.16	120.82 3.48 -23.21	148.45 3.40 -47.90	131.08 4.14 -14.98	109.54 3.15 -13.80	93.41 2.76 -6.85	78.16 2.20 0.00	65.74 1.48 0.00	57.39 1.07 0.00
GILBOA___2 23757	56.23 1.05 0.00	50.88 1.14 0.00	48.67 1.46 0.00	48.43 1.86 0.00	48.20 1.54 0.00	50.15 1.51 0.00	51.77 1.21 0.00	53.75 1.16 0.00	58.90 1.33 0.00	62.59 1.35 0.00	62.88 1.35 0.00	66.39 1.87 0.00	70.21 2.11 0.00	82.48 2.79 0.00	88.47 3.72 0.00	112.82 3.54 -16.16	120.82 3.48 -23.21	148.45 3.40 -47.90	131.08 4.14 -14.98	109.54 3.15 -13.80	93.41 2.76 -6.85	78.16 2.20 0.00	65.74 1.48 0.00	57.39 1.07 0.00
GILBOA___3 23758	56.23 1.05 0.00	50.88 1.14 0.00	48.67 1.46 0.00	48.43 1.86 0.00	48.20 1.54 0.00	50.15 1.51 0.00	51.77 1.21 0.00	53.75 1.16 0.00	58.90 1.33 0.00	62.59 1.35 0.00	62.88 1.35 0.00	66.39 1.87 0.00	70.21 2.11 0.00	82.48 2.79 0.00	88.47 3.72 0.00	112.82 3.54 -16.16	120.82 3.48 -23.21	148.45 3.40 -47.90	131.08 4.14 -14.98	109.54 3.15 -13.80	93.41 2.76 -6.85	78.16 2.20 0.00	65.74 1.48 0.00	57.39 1.07 0.00
GILBOA___4 23759	56.23 1.05 0.00	50.88 1.14 0.00	48.67 1.46 0.00	48.43 1.86 0.00	48.20 1.54 0.00	50.15 1.51 0.00	51.77 1.21 0.00	53.75 1.16 0.00	58.90 1.33 0.00	62.59 1.35 0.00	62.88 1.35 0.00	66.39 1.87 0.00	70.21 2.11 0.00	82.48 2.79 0.00	88.47 3.72 0.00	112.82 3.54 -16.16	120.82 3.48 -23.21	148.45 3.40 -47.90	131.08 4.14 -14.98	109.54 3.15 -13.80	93.41 2.76 -6.85	78.16 2.20 0.00	65.74 1.48 0.00	57.39 1.07 0.00

GILBOA____ 23599	56.24 1.05 0.00	50.88 1.14 0.00	48.67 1.46 0.00	48.43 1.86 0.00	48.21 1.54 0.00	50.00 1.36 0.00	51.78 1.21 0.00	53.86 1.26 0.00	58.90 1.32 0.00	62.59 1.35 0.00	62.88 1.35 0.00	66.39 1.87 0.00	70.21 2.11 0.00	82.56 2.87 0.00	88.48 3.73 0.00	112.82 3.54 -16.16	120.82 3.48 -23.21	148.45 3.40 -47.90	131.08 4.14 -14.98	109.54 3.15 -13.80	93.50 2.85 -6.85	78.23 2.28 0.00	65.61 1.35 0.00	57.39 1.07 0.00
GINNA____ 23603	52.43 -2.76 0.00	46.90 -2.83 0.00	44.46 -2.74 0.00	43.54 -3.03 0.00	43.59 -3.08 0.00	45.38 -3.26 0.00	47.18 -3.39 0.00	49.12 -3.47 0.00	53.95 -3.63 0.00	57.99 -3.25 0.00	58.26 -3.26 0.00	61.04 -3.49 0.00	64.70 -3.40 0.00	75.06 -4.62 0.00	80.17 -4.58 0.00	89.94 -5.12 -1.94	91.35 -5.55 -2.78	97.95 -4.95 -5.74	106.02 -5.94 0.00	88.52 -4.07 0.00	80.28 -3.52 0.00	72.08 -3.87 0.00	61.11 -3.15 0.00	54.07 -2.25 0.00
GLEN PARK____ 23778	57.78 2.59 0.00	51.97 2.24 0.00	49.28 2.07 0.00	48.29 1.72 0.00	48.67 2.01 0.00	50.83 2.19 0.00	52.89 2.33 0.00	54.97 2.37 0.00	59.71 2.13 0.00	63.44 2.20 0.00	62.01 0.49 0.00	64.91 0.39 0.00	68.51 0.41 0.00	80.09 0.40 0.00	85.05 0.08 -0.22	96.12 0.37 -2.62	98.25 0.94 -3.18	103.31 1.07 -5.09	120.25 3.36 -4.93	97.18 2.96 -1.62	88.92 4.94 -0.18	80.13 4.17 0.00	67.28 3.02 0.00	58.86 2.54 0.00
GLENDALE_27_KV_LOAD 356172	57.84 2.65 0.00	52.52 2.79 0.00	50.04 2.83 0.00	49.68 3.12 0.00	49.51 2.85 0.00	51.17 2.53 0.00	53.14 2.58 0.00	55.75 3.16 0.00	61.03 3.45 0.00	64.79 3.55 0.00	65.09 3.57 0.00	69.30 4.77 0.00	73.21 5.11 0.00	86.62 6.93 0.00	94.29 9.07 -0.47	126.43 11.36 -21.95	135.66 11.39 -30.15	167.25 11.85 -58.25	146.74 12.54 -22.24	121.25 9.07 -19.59	102.11 7.21 -11.10	78.30 4.86 2.51	67.26 3.15 0.14	59.03 2.70 0.00
GLENWOOD_IC_1_G5 23712	57.84 2.65 0.00	53.02 3.28 0.00	50.46 3.26 0.00	49.96 3.40 0.00	49.79 3.13 0.00	51.75 3.11 0.00	53.34 2.78 0.00	55.75 3.16 0.00	60.92 3.34 0.00	64.55 3.31 0.00	65.52 4.00 0.00	87.68 5.23 -17.94	88.22 5.79 -14.33	100.09 7.65 -12.75	118.32 9.49 -24.08	180.87 11.17 -76.57	278.99 11.39 -173.48	350.18 11.66 -241.37	239.33 12.99 -114.38	170.53 9.72 -68.22	102.80 7.88 -11.12	83.74 5.62 -2.17	69.91 3.60 -2.06	59.15 2.82 -0.01
GLENWOOD_IC_2_G1 23688	57.61 2.43 0.00	52.62 2.88 0.00	50.14 2.93 -0.01	49.64 3.07 -0.01	49.52 2.85 -0.01	51.08 2.43 -0.01	53.14 2.58 0.00	55.17 2.58 0.00	60.68 3.11 0.00	64.54 3.30 0.00	65.34 3.82 0.00	78.56 4.97 -9.07	80.86 5.51 -7.25	93.39 7.25 -6.45	117.90 9.07 -24.08	180.40 10.70 -76.57	278.52 10.91 -173.48	340.83 11.17 -232.50	229.90 12.43 -105.51	161.29 9.35 -59.35	102.39 7.46 -11.13	82.37 5.32 -1.10	68.98 3.73 -1.00	59.08 2.76 0.00
GLENWOOD_IC_3_G1 23689	57.61 2.43 0.00	52.62 2.88 0.00	50.14 2.93 -0.01	49.64 3.07 -0.01	49.52 2.85 -0.01	51.08 2.43 -0.01	53.14 2.58 0.00	55.17 2.58 0.00	60.68 3.11 0.00	64.54 3.30 0.00	65.34 3.82 0.00	78.56 4.97 -9.07	80.86 5.51 -7.25	93.39 7.25 -6.45	117.90 9.07 -24.08	180.40 10.70 -76.57	278.52 10.91 -173.48	340.83 11.17 -232.50	229.90 12.43 -105.51	161.29 9.35 -59.35	102.39 7.46 -11.13	82.37 5.32 -1.10	68.98 3.73 -1.00	59.08 2.76 0.00
GLENWOOD____4 23550	57.84 2.65 0.00	53.02 3.28 0.00	50.46 3.26 0.00	49.96 3.40 0.00	49.79 3.13 0.00	51.75 3.11 0.00	53.34 2.78 0.00	55.75 3.16 0.00	60.92 3.34 0.00	64.67 3.43 0.00	65.65 4.12 0.00	87.88 5.42 -17.94	88.35 5.92 -14.33	100.25 7.81 -12.75	118.48 9.66 -24.08	181.06 11.36 -76.57	279.27 11.67 -173.48	350.47 11.95 -241.37	239.55 13.21 -114.38	170.81 10.00 -68.22	103.05 8.13 -11.12	83.89 5.77 -2.17	70.10 3.79 -2.06	59.32 2.99 -0.01
GLENWOOD____5 23614	57.84 2.65 0.00	53.02 3.28 0.00	50.46 3.26 0.00	49.96 3.40 0.00	49.79 3.13 0.00	51.75 3.11 0.00	53.34 2.78 0.00	55.75 3.16 0.00	60.92 3.34 0.00	64.67 3.43 0.00	65.65 4.12 0.00	87.88 5.42 -17.94	88.35 5.92 -14.33	100.25 7.81 -12.75	118.48 9.66 -24.08	181.06 11.36 -76.57	279.27 11.67 -173.48	350.47 11.95 -241.37	239.55 13.21 -114.38	170.81 10.00 -68.22	103.05 8.13 -11.12	83.89 5.77 -2.17	70.10 3.79 -2.06	59.32 2.99 -0.01
GLOBAL GREEN_PORT_GT1 23814	58.95 3.75 0.00	54.62 4.88 -0.01	52.40 5.19 -0.01	51.69 5.12 -0.01	51.62 4.94 -0.01	52.88 4.23 -0.01	54.61 4.05 0.00	56.12 3.52 0.00	62.64 5.18 0.12	67.73 6.49 0.00	77.60 7.75 -8.33	259.50 7.61 -187.37	272.02 8.44 -195.48	254.27 10.44 -164.15	282.43 12.46 -185.22	349.18 14.15 -241.90	335.81 13.93 -227.76	355.81 14.38 -244.28	261.27 16.13 -133.18	261.01 12.59 -155.83	256.04 10.30 -161.94	253.07 7.29 -169.82	229.32 5.33 -159.73	124.60 6.08 -62.20
GLOBE____DSASP 323697	52.10 -3.09 0.00	46.55 -3.18 0.00	43.95 -3.26 0.00	42.98 -3.59 0.00	43.07 -3.59 0.00	44.65 -3.99 0.00	46.42 -4.15 0.00	47.13 -5.47 0.00	52.51 -5.07 0.00	56.71 -4.53 0.00	56.66 -4.86 0.00	59.68 -4.84 0.00	63.26 -4.84 0.00	72.60 -7.09 0.00	77.46 -7.29 0.00	87.07 -8.57 -2.51	89.07 -8.66 -3.61	96.17 -8.36 -7.37	105.09 -9.63 -2.76	88.28 -6.85 -2.54	79.28 -5.78 -1.26	69.88 -6.08 0.00	59.44 -4.82 0.00	53.90 -2.42 0.00
GOETHSLN____LBMP 323567	52.55 2.37 5.01	52.24 2.54 0.03	49.65 2.45 0.01	49.21 2.65 0.01	49.04 2.38 0.01	50.96 2.33 0.02	52.24 2.38 0.70	52.82 2.95 2.72	52.64 3.22 8.16	52.57 3.25 11.92	52.94 3.20 11.78	54.21 4.32 14.63	56.15 4.70 16.64	67.87 6.45 18.27	82.50 8.39 10.64	104.90 10.15 -1.63	108.19 10.35 -3.72	144.80 10.59 -37.06	124.56 11.53 -1.06	98.38 8.43 2.64	77.38 6.62 13.04	63.21 4.25 17.00	53.43 2.70 13.53	52.56 2.20 5.96
GOLAH____69_KV_TB 1_2 80279	54.80 -0.39 0.00	48.99 -0.75 0.00	46.31 -0.90 0.00	45.31 -1.26 0.00	45.36 -1.31 0.00	47.18 -1.46 0.00	49.10 -1.47 0.00	50.49 -2.10 0.00	55.97 -1.61 0.00	60.20 -1.04 0.00	60.29 -1.23 0.00	63.30 -1.23 0.00	67.01 -1.09 0.00	77.62 -2.07 0.00	82.97 -1.78 0.00	93.11 -2.05 -2.03	94.51 -2.54 -2.92	101.24 -1.94 -6.03	109.61 -2.35 0.00	91.85 -0.74 0.00	83.47 -0.34 0.00	74.89 -1.06 0.00	63.36 -0.90 0.00	56.72 0.39 0.00
GOODYEAR_LAKE_HYD 323669	57.62 2.43 0.00	51.97 2.24 0.00	49.42 2.22 0.00	48.85 2.28 0.00	48.91 2.24 0.00	50.93 2.29 0.00	52.94 2.38 0.00	55.07 2.47 0.00	60.34 2.76 0.00	64.30 3.06 0.00	64.54 3.01 0.00	67.94 3.42 0.00	71.91 3.81 0.00	84.39 4.70 0.00	90.91 5.51 -0.66	107.61 5.87 -8.62	111.62 6.02 -11.47	124.14 5.93 -21.06	151.80 7.50 -32.34	126.96 5.83 -28.54	105.28 5.36 -16.11	80.21 4.25 0.00	67.28 3.02 0.00	58.91 2.59 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	55.35 0.17 0.00	49.83 0.10 0.00	47.30 0.09 0.00	46.56 0.00 0.00	46.62 -0.05 0.00	48.49 -0.15 0.00	50.46 -0.10 0.00	52.49 -0.11 0.00	57.69 0.12 0.00	61.79 0.55 0.00	62.08 0.55 0.00	65.30 0.77 0.00	69.12 1.02 0.00	80.80 1.12 0.00	86.36 1.61 0.00	99.96 1.40 -5.44	102.97 1.04 -7.81	114.43 1.17 -16.11	120.25 1.90 -6.39	100.33 1.85 -5.89	88.40 1.68 -2.92	76.87 0.91 0.00	64.58 0.32 0.00	56.77 0.45 0.00

GOUDEY___7 23579	55.35 0.17 0.00	49.83 0.10 0.00	47.30 0.09 0.00	46.56 0.00 0.00	46.62 -0.05 0.00	48.49 -0.15 0.00	50.46 -0.10 0.00	52.49 -0.11 0.00	57.69 0.12 0.00	61.79 0.55 0.00	62.08 0.55 0.00	65.30 0.77 0.00	69.12 1.02 0.00	80.80 1.12 0.00	86.36 1.61 0.00	99.96 1.40 -5.44	102.97 1.04 -7.81	114.43 1.17 -16.11	120.25 1.90 -6.39	100.33 1.85 -5.89	88.40 1.68 -2.92	76.87 0.91 0.00	64.58 0.32 0.00	56.77 0.45 0.00
GOUDEY___8 23580	55.35 0.17 0.00	49.83 0.10 0.00	47.30 0.09 0.00	46.56 0.00 0.00	46.62 -0.05 0.00	48.49 -0.15 0.00	50.46 -0.10 0.00	52.49 -0.11 0.00	57.69 0.12 0.00	61.79 0.55 0.00	62.08 0.55 0.00	65.30 0.77 0.00	69.12 1.02 0.00	80.80 1.12 0.00	86.36 1.61 0.00	99.96 1.40 -5.44	102.97 1.04 -7.81	114.43 1.17 -16.11	120.25 1.90 -6.39	100.33 1.85 -5.89	88.40 1.68 -2.92	76.87 0.91 0.00	64.58 0.32 0.00	56.77 0.45 0.00
GOWANUS_GT1_1 24077	57.45 2.26 0.00	52.12 2.39 0.00	49.85 2.64 0.00	49.54 2.98 0.00	49.33 2.66 0.00	50.88 2.24 0.00	52.69 2.12 0.00	55.33 2.74 0.00	60.63 3.05 0.00	64.49 3.25 0.00	64.85 3.32 0.00	69.04 4.52 0.00	73.00 4.90 0.00	86.30 6.61 0.00	93.95 8.73 -0.47	125.98 10.90 -21.96	135.19 10.92 -30.15	166.77 11.37 -58.25	146.18 11.98 -22.24	120.88 8.70 -19.59	102.02 7.04 -11.18	80.66 4.71 0.01	67.14 3.02 0.14	58.69 2.37 0.00
GOWANUS_GT1_2 24078	57.45 2.26 0.00	52.12 2.39 0.00	49.85 2.64 0.00	49.54 2.98 0.00	49.33 2.66 0.00	50.88 2.24 0.00	52.69 2.12 0.00	55.33 2.74 0.00	60.63 3.05 0.00	64.49 3.25 0.00	64.85 3.32 0.00	69.04 4.52 0.00	73.00 4.90 0.00	86.30 6.61 0.00	93.95 8.73 -0.47	125.98 10.90 -21.96	135.19 10.92 -30.15	166.77 11.37 -58.25	146.18 11.98 -22.24	120.88 8.70 -19.59	102.02 7.04 -11.18	80.66 4.71 0.01	67.14 3.02 0.14	58.69 2.37 0.00
GOWANUS_GT1_3 24079	57.45 2.26 0.00	52.12 2.39 0.00	49.85 2.64 0.00	49.54 2.98 0.00	49.33 2.66 0.00	50.88 2.24 0.00	52.69 2.12 0.00	55.33 2.74 0.00	60.63 3.05 0.00	64.49 3.25 0.00	64.85 3.32 0.00	69.04 4.52 0.00	73.00 4.90 0.00	86.30 6.61 0.00	93.95 8.73 -0.47	125.98 10.90 -21.96	135.19 10.92 -30.15	166.77 11.37 -58.25	146.18 11.98 -22.24	120.88 8.70 -19.59	102.02 7.04 -11.18	80.66 4.71 0.01	67.14 3.02 0.14	58.69 2.37 0.00
GOWANUS_GT1_4 24080	57.45 2.26 0.00	52.12 2.39 0.00	49.85 2.64 0.00	49.54 2.98 0.00	49.33 2.66 0.00	50.88 2.24 0.00	52.69 2.12 0.00	55.33 2.74 0.00	60.63 3.05 0.00	64.49 3.25 0.00	64.85 3.32 0.00	69.04 4.52 0.00	73.00 4.90 0.00	86.30 6.61 0.00	93.95 8.73 -0.47	125.98 10.90 -21.96	135.19 10.92 -30.15	166.77 11.37 -58.25	146.18 11.98 -22.24	120.88 8.70 -19.59	102.02 7.04 -11.18	80.66 4.71 0.01	67.14 3.02 0.14	58.69 2.37 0.00
GOWANUS_GT1_5 24084	57.45 2.26 0.00	52.12 2.39 0.00	49.85 2.64 0.00	49.54 2.98 0.00	49.33 2.66 0.00	50.88 2.24 0.00	52.69 2.12 0.00	55.33 2.74 0.00	60.63 3.05 0.00	64.49 3.25 0.00	64.85 3.32 0.00	69.04 4.52 0.00	73.00 4.90 0.00	86.30 6.61 0.00	93.95 8.73 -0.47	125.98 10.90 -21.96	135.19 10.92 -30.15	166.77 11.37 -58.25	146.18 11.98 -22.24	120.88 8.70 -19.59	102.02 7.04 -11.18	80.66 4.71 0.01	67.14 3.02 0.14	58.69 2.37 0.00
GOWANUS_GT1_6 24111	57.45 2.26 0.00	52.12 2.39 0.00	49.85 2.64 0.00	49.54 																				

GOWANUS_GT2_6 24119	57.44 2.26 0.01	52.31 2.58 0.01	49.85 2.64 0.00	49.55 2.98 0.00	49.33 2.66 0.00	50.67 2.04 0.01	52.68 2.12 0.01	55.11 2.52 0.01	60.62 3.05 0.01	64.47 3.24 0.01	64.78 3.26 0.01	69.03 4.51 0.01	73.00 4.91 0.01	86.22 6.54 0.01	93.94 8.73 -0.46	126.04 10.98 -21.94	135.08 10.82 -30.14	166.66 11.26 -58.24	146.05 11.86 -22.23	120.87 8.70 -19.58	101.80 6.87 -11.13	80.58 4.63 0.01	67.39 3.28 0.14	58.69 2.37 0.00
GOWANUS_GT2_7 24120	57.44 2.26 0.01	52.31 2.58 0.01	49.85 2.64 0.00	49.55 2.98 0.00	49.33 2.66 0.00	50.67 2.04 0.01	52.68 2.12 0.01	55.11 2.52 0.01	60.62 3.05 0.01	64.47 3.24 0.01	64.78 3.26 0.01	69.03 4.51 0.01	73.00 4.91 0.01	86.22 6.54 0.01	93.94 8.73 -0.46	126.04 10.98 -21.94	135.08 10.82 -30.14	166.66 11.26 -58.24	146.05 11.86 -22.23	120.87 8.70 -19.58	101.80 6.87 -11.13	80.58 4.63 0.01	67.39 3.28 0.14	58.69 2.37 0.00
GOWANUS_GT2_8 24121	57.44 2.26 0.01	52.31 2.58 0.01	49.85 2.64 0.00	49.55 2.98 0.00	49.33 2.66 0.00	50.67 2.04 0.01	52.68 2.12 0.01	55.11 2.52 0.01	60.62 3.05 0.01	64.47 3.24 0.01	64.78 3.26 0.01	69.03 4.51 0.01	73.00 4.91 0.01	86.22 6.54 0.01	93.94 8.73 -0.46	126.04 10.98 -21.94	135.08 10.82 -30.14	166.66 11.26 -58.24	146.05 11.86 -22.23	120.87 8.70 -19.58	101.80 6.87 -11.13	80.58 4.63 0.01	67.39 3.28 0.14	58.69 2.37 0.00
GOWANUS_GT3_1 24122	57.44 2.26 0.01	52.32 2.58 0.00	49.85 2.64 0.00	49.55 2.98 0.00	49.33 2.66 0.00	50.67 2.04 0.01	52.68 2.12 0.01	55.11 2.52 0.01	60.62 3.05 0.01	64.47 3.24 0.01	64.78 3.26 0.01	69.03 4.51 0.01	73.00 4.91 0.01	86.22 6.54 0.01	93.95 8.73 -0.47	126.07 10.98 -21.96	135.09 10.82 -30.15	166.67 11.26 -58.25	146.06 11.86 -22.24	120.87 8.70 -19.58	101.84 6.87 -11.17	80.58 4.63 0.01	67.39 3.28 0.14	58.69 2.37 0.00
GOWANUS_GT3_2 24123	57.44 2.26 0.01	52.32 2.58 0.00	49.85 2.64 0.00	49.55 2.98 0.00	49.33 2.66 0.00	50.67 2.04 0.01	52.68 2.12 0.01	55.11 2.52 0.01	60.62 3.05 0.01	64.47 3.24 0.01	64.78 3.26 0.01	69.03 4.51 0.01	73.00 4.91 0.01	86.22 6.54 0.01	93.95 8.73 -0.47	126.07 10.98 -21.96	135.09 10.82 -30.15	166.67 11.26 -58.25	146.06 11.86 -22.24	120.87 8.70 -19.58	101.84 6.87 -11.17	80.58 4.63 0.01	67.39 3.28 0.14	58.69 2.37 0.00
GOWANUS_GT3_3 24124	57.44 2.26 0.01	52.32 2.58 0.00	49.85 2.64 0.00	49.55 2.98 0.00	49.33 2.66 0.00	50.67 2.04 0.01	52.68 2.12 0.01	55.11 2.52 0.01	60.62 3.05 0.01	64.47 3.24 0.01	64.78 3.26 0.01	69.03 4.51 0.01	73.00 4.91 0.01	86.22 6.54 0.01	93.95 8.73 -0.47	126.07 10.98 -21.96	135.09 10.82 -30.15	166.67 11.26 -58.25	146.06 11.86 -22.24	120.87 8.70 -19.58	101.84 6.87 -11.17	80.58 4.63 0.01	67.39 3.28 0.14	58.69 2.37 0.00
GOWANUS_GT3_4 24125	57.44 2.26 0.01	52.32 2.58 0.00	49.85 2.64 0.00	49.55 2.98 0.00	49.33 2.66 0.00	50.67 2.04 0.01	52.68 2.12 0.01	55.11 2.52 0.01	60.62 3.05 0.01	64.47 3.24 0.01	64.78 3.26 0.01	69.03 4.51 0.01	73.00 4.91 0.01	86.22 6.54 0.01	93.95 8.73 -0.47	126.07 10.98 -21.96	135.09 10.82 -30.15	166.67 11.26 -58.25	146.06 11.86 -22.24	120.87 8.70 -19.58	101.84 6.87 -11.17	80.58 4.63 0.01	67.39 3.28 0.14	58.69 2.37 0.00
GOWANUS_GT3_5 24126	57.44 2.26 0.01	52.32 2.58 0.00	49.85 2.																					

GOWANUS_GT4_5 24134	57.45 2.26 0.00	52.11 2.39 0.01	49.85 2.64 0.00	49.54 2.98 0.00	49.33 2.66 0.00	50.88 2.24 0.00	52.69 2.12 0.00	55.33 2.74 0.00	60.63 3.05 0.00	64.49 3.25 0.00	64.85 3.32 0.00	69.04 4.52 0.00	73.00 4.90 0.00	86.30 6.61 0.00	93.94 8.73 -0.46	125.96 10.90 -21.94	135.18 10.92 -30.14	166.76 11.37 -58.24	146.17 11.98 -22.23	120.88 8.70 -19.59	101.98 7.04 -11.14	80.66 4.71 0.01	67.14 3.02 0.14	58.69 2.37 0.00
GOWANUS_GT4_6 24135	57.45 2.26 0.00	52.11 2.39 0.01	49.85 2.64 0.00	49.54 2.98 0.00	49.33 2.66 0.00	50.88 2.24 0.00	52.69 2.12 0.00	55.33 2.74 0.00	60.63 3.05 0.00	64.49 3.25 0.00	64.85 3.32 0.00	69.04 4.52 0.00	73.00 4.90 0.00	86.30 6.61 0.00	93.94 8.73 -0.46	125.96 10.90 -21.94	135.18 10.92 -30.14	166.76 11.37 -58.24	146.17 11.98 -22.23	120.88 8.70 -19.59	101.98 7.04 -11.14	80.66 4.71 0.01	67.14 3.02 0.14	58.69 2.37 0.00
GOWANUS_GT4_7 24136	57.45 2.26 0.00	52.11 2.39 0.01	49.85 2.64 0.00	49.54 2.98 0.00	49.33 2.66 0.00	50.88 2.24 0.00	52.69 2.12 0.00	55.33 2.74 0.00	60.63 3.05 0.00	64.49 3.25 0.00	64.85 3.32 0.00	69.04 4.52 0.00	73.00 4.90 0.00	86.30 6.61 0.00	93.94 8.73 -0.46	125.96 10.90 -21.94	135.18 10.92 -30.14	166.76 11.37 -58.24	146.17 11.98 -22.23	120.88 8.70 -19.59	101.98 7.04 -11.14	80.66 4.71 0.01	67.14 3.02 0.14	58.69 2.37 0.00
GOWANUS_GT4_8 24137	57.45 2.26 0.00	52.11 2.39 0.01	49.85 2.64 0.00	49.54 2.98 0.00	49.33 2.66 0.00	50.88 2.24 0.00	52.69 2.12 0.00	55.33 2.74 0.00	60.63 3.05 0.00	64.49 3.25 0.00	64.85 3.32 0.00	69.04 4.52 0.00	73.00 4.90 0.00	86.30 6.61 0.00	93.94 8.73 -0.46	125.96 10.90 -21.94	135.18 10.92 -30.14	166.76 11.37 -58.24	146.17 11.98 -22.23	120.88 8.70 -19.59	101.98 7.04 -11.14	80.66 4.71 0.01	67.14 3.02 0.14	58.69 2.37 0.00
GREATVRV_69_KV_BK1 356245	58.51 3.31 -0.01	54.56 4.82 -0.01	52.11 4.91 0.00	51.55 4.98 0.00	51.38 4.71 0.00	53.41 4.77 0.00	54.41 3.84 0.00	56.44 3.84 0.00	61.29 3.80 0.09	65.97 4.72 -0.01	72.30 5.78 -4.99	186.72 7.10 -115.10	195.31 7.83 -119.38	190.17 10.12 -100.36	216.91 12.03 -120.13	281.30 13.97 -174.20	311.55 14.21 -203.21	348.00 14.67 -236.18	248.34 16.57 -119.81	220.27 12.78 -114.90	195.98 10.73 -101.45	186.07 8.05 -102.06	165.91 5.65 -96.00	98.19 4.62 -37.25
GREENBSH_115KV_TB3 55895	56.13 0.94 0.00	50.73 0.99 0.00	48.24 1.04 0.00	47.64 1.07 0.00	47.55 0.89 0.00	49.51 0.88 0.00	51.47 0.91 0.00	53.65 1.05 0.00	58.61 1.04 0.00	62.28 1.04 0.00	62.57 1.05 0.00	66.01 1.48 0.00	69.60 1.50 0.00	81.68 1.99 0.00	72.15 2.88 15.48	23.85 3.26 72.53	17.96 3.29 79.46	7.63 4.03 93.02	0.77 3.50 115.22	19.31 3.15 76.43	2.53 2.68 83.96	77.78 1.82 0.00	65.35 1.09 0.00	57.06 0.73 0.00
GREENDGE_115KV_TB5 80291	55.46 0.28 0.00	49.88 0.15 0.00	47.30 0.09 0.00	46.33 -0.23 0.00	46.43 -0.23 0.00	48.40 -0.24 0.00	50.46 -0.10 0.00	52.39 -0.21 0.00	57.29 -0.29 0.00	61.12 -0.12 0.00	61.28 -0.25 0.00	64.33 -0.19 0.00	68.03 -0.07 0.00	79.29 -0.40 0.00	84.75 0.00 0.00	94.80 -1.40 -3.07	96.93 -1.60 -4.41	105.09 -1.17 -9.10	114.84 -0.56 -3.44	96.13 0.37 -3.17	86.88 1.51 -1.57	76.79 0.84 0.00	64.51 0.26 0.00	56.83 0.51 0.00
GREENIDGE___3 23582	55.46 0.28 0.00	49.88 0.15 0.00	47.30 0.09 0.00	46.33 -0.23 0.00	46.43 -0.23 0.00	48.40 -0.24 0.00	50.46 -0.10 0.00	52.39 -0.21 0.00	57.29 -0.29 0.00	61.12 -0.12 0.00	61.28 -0.25 0.00	64.33 -0.19 0.00	68.03 -0.07 0.00	79.29 -0.40 0.00	84.75 0.00 0.00	94.80 -1.40 -3.07	96.93 -1.60 -4.41	105.09 -1.17 -9.10	114.84 -0.56 -3.44	96.13 0.37 -3.17	86.88 1.51 -1.57	76.79 0.84 0.00	64.51 0.26 0.00	56.83 0.51 0.00
GREENIDGE___4 23583	55.47 0.28 0.00	49.88 0.15 0.00	47.30 0.09 0.00	46.33 -0.23 0.00	46.43 -0.23 0.00	48.40 -0.24 0.00	50.46 -0.10 0.00	52.60 0.00 0.00	57.29 -0.29 0.00	61.12 -0.12 0.00	61.34 -0.18 0.00	64.33 -0.19 0.00	68.03 -0.07 0.00	79.29 -0.40 0.00	84.75 0.00 0.00	94.61 -1.58 -3.07	96.93 -1.60 -4.41	105.09 -1.16 -9.10	114.84 -0.56 -3.44	96.13 0.37 -3.17	86.80 1.42 -1.57	76.79 0.84 0.00	64.77 0.51 0.00	56.83 0.51 0.00
GREENLWN_69_KV_BK 3 55738	56.34 1.16 0.01	52.37 2.64 0.00	50.32 3.12 0.00	49.92 3.35 0.00	49.79 3.13 0.00	51.56 2.92 0.00	52.38 1.82 0.00	54.38 1.79 0.00	58.81 1.61 0.38	63.44 2.20 0.00	62.88 3.20 1.85	33.40 4.77 35.90	34.66 5.38 38.82	54.57 7.25 32.37	80.46 8.90 13.19	138.63 10.24 -35.26	258.16 10.45 -153.59	307.67 10.69 -199.82	201.88 11.87 -78.05	129.05 8.98 -27.47	69.06 7.54 22.28	44.27 5.24 36.93	32.78 3.28 34.75	44.85 2.31 13.78
GREENWD_138_KV_38B11_REV_LBMP_J 345004	57.45 2.26 0.00	52.12 2.39 0.00	49.85 2.64 0.00	49.54 2.98 0.00	49.33 2.66 0.00	50.88 2.24 0.00	52.69 2.12 0.00	55.33 2.74 0.00	60.63 3.05 0.00	64.49 3.25 0.00	64.85 3.32 0.00	69.04 4.52 0.00	73.00 4.90 0.00	86.30 6.61 0.00	93.95 8.73 -0.47	125.97 10.90 -21.95	135.19 10.92 -30.15	166.77 11.37 -58.25	146.18 11.98 -22.24	120.88 8.70 -19.59	101.98 7.04 -11.14	80.66 4.71 0.01	67.14 3.02 0.14	58.69 2.37 0.00
GRISSOM___SOLAR 323813	59.99 4.80 0.00	54.01 4.28 0.00	51.17 3.97 0.00	50.48 3.91 0.00	50.54 3.87 0.00	52.73 4.09 0.00	54.91 4.35 0.00	56.85 4.26 0.00	62.12 4.55 0.00	65.77 4.53 0.00	65.96 4.43 0.00	68.97 4.45 0.00	72.73 4.63 0.00	85.11 5.42 0.00	93.48 6.36 -2.38	133.81 6.99 -33.69	146.45 6.87 -45.46	190.09 7.58 -85.35	216.90 9.51 -95.43	184.38 8.42 -83.36	140.21 7.97 -48.44	82.64 6.69 0.00	70.10 5.85 0.00	61.11 4.78 0.00
GROVEVILLE___HYD 323602	58.00 2.81 0.00	52.57 2.83 0.00	49.94 2.74 0.00	49.36 2.79 0.00	49.23 2.57 0.00	51.22 2.58 0.00	53.24 2.68 0.00	55.70 3.10 0.00	60.97 3.40 0.00	64.73 3.49 0.00	65.09 3.57 0.00	69.04 4.52 0.00	73.21 5.11 0.00	86.54 6.85 0.00	93.22 8.47 0.00	124.16 9.96 -21.07	133.54 10.26 -29.16	164.82 10.69 -56.97	141.42 11.76 -17.70	117.88 8.98 -16.31	99.27 7.37 -8.10	81.42 5.47 0.00	67.85 3.60 0.00	59.20 2.87 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	55.02 -0.17 0.00	49.49 -0.25 0.00	46.97 -0.24 0.00	46.15 -0.42 0.00	46.25 -0.42 0.00	48.15 -0.49 0.00	50.16 -0.40 0.00	52.23 -0.37 0.00	57.35 -0.23 0.00	61.06 -0.18 0.00	61.46 -0.06 0.00	64.59 0.06 0.00	67.89 -0.20 0.00	79.21 -0.48 0.00	84.58 -0.17 0.00	94.54 -0.28 -1.70	96.37 -0.19 -2.44	102.09 -0.10 -5.03	111.85 -0.11 0.00	92.77 0.19 0.00	84.05 0.25 0.00	75.80 -0.15 0.00	63.87 -0.39 0.00	56.32 0.00 0.00
HAMLTNNY_34_KV_TB 80303	55.13 -0.06 0.00	49.58 -0.15 0.00	47.06 -0.14 0.00	46.19 -0.37 0.00	46.29 -0.37 0.00	48.15 -0.49 0.00	50.16 -0.40 0.00	52.18 -0.42 0.00	57.35 -0.23 0.00	61.18 -0.06 0.00	61.52 0.00 0.00	64.65 0.13 0.00	68.24 0.14 0.00	79.69 0.00 0.00	85.00 0.25 0.00	95.04 0.09 -1.82	96.93 0.19 -2.62	102.94 0.39 -5.40	112.52 0.56 0.00	93.52 0.93 0.00	84.64 0.84 0.00	76.26 0.30 0.00	64.26 0.00 0.00	56.55 0.23 0.00

HAMPSHIRE___PAPER_HYD 323593	56.23 1.05 0.00	50.58 0.84 0.00	47.96 0.75 0.00	47.12 0.56 0.00	47.46 0.79 0.00	49.61 0.97 0.00	51.63 1.06 0.00	53.59 1.00 0.00	58.32 0.75 0.00	61.79 0.55 0.00	60.91 -0.62 0.00	63.49 -1.03 0.00	67.01 -1.09 0.00	78.41 -1.28 0.00	83.23 -2.37 -0.86	97.17 -2.98 -7.03	99.23 -2.73 -7.83	104.75 -2.82 -10.41	128.87 -2.24 -19.15	97.13 -1.76 -6.30	84.40 -0.08 -0.69	76.64 0.68 0.00	65.03 0.77 0.00	57.17 0.85 0.00
HARDSCRABBLE_WT_PWR 323673	54.69 -0.50 0.00	49.29 -0.45 0.00	46.78 -0.43 0.00	46.14 -0.42 0.00	46.25 -0.42 0.00	48.25 -0.39 0.00	50.21 -0.35 0.00	52.17 -0.42 0.00	57.11 -0.46 0.00	60.75 -0.49 0.00	60.97 -0.55 0.00	64.00 -0.52 0.00	67.55 -0.55 0.00	79.13 -0.55 0.00	84.33 -0.42 0.00	92.75 -0.37 0.00	93.56 -0.56 0.00	96.48 -0.68 0.00	111.40 -0.56 0.00	91.95 -0.64 0.00	83.22 -0.58 0.00	75.27 -0.68 0.00	63.74 -0.52 0.00	55.82 -0.51 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	57.40 2.21 0.00	52.02 2.29 0.00	49.42 2.22 0.00	48.89 2.33 0.00	48.77 2.10 0.00	50.73 2.09 0.00	52.74 2.17 0.00	55.23 2.63 0.00	60.51 2.94 0.00	64.18 2.94 0.00	64.60 3.08 0.00	68.52 4.00 0.00	72.66 4.56 0.00	85.82 6.14 0.00	92.46 7.71 0.00	122.40 9.13 -20.15	131.22 9.32 -27.78	160.74 9.62 -53.97	138.91 10.64 -16.32	115.59 7.96 -15.04	97.80 6.54 -7.46	80.66 4.71 0.00	67.15 2.89 0.00	58.58 2.25 0.00
HARSNRAD_115KV_TB1 81005	53.31 -1.88 0.00	47.60 -2.14 0.00	44.94 -2.27 0.00	43.96 -2.61 0.00	44.01 -2.66 0.00	45.62 -3.02 0.00	47.23 -3.34 0.00	47.97 -4.63 0.00	53.60 -3.97 0.00	57.87 -3.37 0.00	57.59 -3.94 0.00	60.65 -3.87 0.00	64.08 -4.02 0.00	73.63 -6.06 0.00	78.56 -6.19 0.00	88.15 -7.45 -2.47	90.15 -7.53 -3.56	97.29 -7.19 -7.33	106.73 -7.95 -2.72	89.73 -5.37 -2.51	80.52 -4.53 -1.24	71.09 -4.86 0.00	60.40 -3.86 0.00	54.69 -1.63 0.00
HARZA MOOSE___RIVER 24016	57.01 1.82 0.00	51.33 1.59 0.00	48.71 1.51 0.00	47.87 1.30 0.00	48.11 1.45 0.00	50.20 1.56 0.00	52.23 1.67 0.00	54.33 1.74 0.00	59.25 1.67 0.00	63.02 1.78 0.00	62.51 0.98 0.00	65.55 1.03 0.00	69.26 1.16 0.00	81.12 1.43 0.00	86.35 1.44 -0.16	96.64 1.68 -1.84	98.50 2.16 -2.21	102.75 2.14 -3.46	119.09 3.47 -3.66	96.48 2.69 -1.20	87.45 3.52 -0.13	78.92 2.96 0.00	66.38 2.12 0.00	58.13 1.80 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	54.58 -0.61 0.00	49.14 -0.60 0.00	46.64 -0.57 0.00	45.82 -0.75 0.00	45.92 -0.75 0.00	47.81 -0.83 0.00	49.80 -0.76 0.00	51.81 -0.79 0.00	56.89 -0.69 0.00	60.69 -0.55 0.00	61.03 -0.49 0.00	64.13 -0.39 0.00	67.76 -0.34 0.00	79.21 -0.48 0.00	84.58 -0.17 0.00	94.29 -0.37 -1.54	96.05 -0.28 -2.21	101.52 -0.19 -4.56	111.74 -0.22 0.00	92.68 0.09 0.00	83.88 0.08 0.00	75.58 -0.38 0.00	63.68 -0.58 0.00	55.93 -0.39 0.00
HELLGATE_13_KV_LD 55870	57.78 2.59 0.00	52.52 2.79 0.00	50.04 2.83 0.00	49.73 3.17 0.00	49.51 2.85 0.00	51.12 2.48 0.00	53.09 2.53 0.00	55.70 3.10 0.00	60.97 3.40 0.00	64.73 3.49 0.00	65.09 3.57 0.00	69.23 4.71 0.00	73.21 5.11 0.00	86.62 6.93 0.00	94.37 9.15 -0.47	126.43 11.36 -21.95	135.66 11.39 -30.15	167.26 11.85 -58.25	146.63 12.43 -22.24	121.26 9.07 -19.60	102.11 7.21 -11.11	79.16 4.79 1.58	67.31 3.15 0.09	59.03 2.70 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	57.78 2.59 0.00	52.52 2.79 0.00	50.04 2.83 0.00	49.73 3.17 0.00	49.51 2.85 0.00	51.12 2.48 0.00	53.09 2.53 0.00	55.70 3.10 0.00	60.97 3.40 0.00	64.73 3.49 0.00	65.09 3.57 0.00	69.23 4.71 0.00	73.21 5.11 0.00	86.62 6.93 0.00	94.37 9.15 -0.47	126.43 11.36 -21.95	135.66 11.39 -30.15	167.26 11.85 -58.25	146.63 12.43 -22.24	121.26 9.07 -19.60	102.11 7.21 -11.11	79.16 4.79 1.58	67.31 3.15 0.09	59.03 2.70 0.00
HEMPSTEAD___ 23647	57.40 2.21 0.00	52.77 3.03 0.00	50.47 3.25 -0.01	49.97 3.40 -0.01	49.85 3.17 -0.01	51.13 2.48 -0.01	53.14 2.58 0.00	54.75 2.16 0.00	60.34 2.76 0.00	64.42 3.18 0.00	65.52 4.00 -20.06	89.88 5.29 -16.03	89.99 5.86 -14.27	101.53 7.57 -24.08	118.23 9.41 -24.08	180.86 11.17 -76.57	278.99 11.38 -173.48	352.30 11.65 -243.50	241.45 12.98 -116.50	172.74 9.81 -70.34	102.81 7.87 -11.13	84.15 5.77 -2.42	70.76 4.12 -2.39	59.32 2.98 -0.01
HICKLING___1 23621	55.24 0.06 0.00	49.58 -0.15 0.00	46.97 -0.24 0.00	46.01 -0.56 0.00	46.11 -0.56 0.00	48.01 -0.63 0.00	50.01 -0.56 0.00	51.91 -0.68 0.00	57.29 -0.29 0.00	61.12 -0.12 0.00	61.28 -0.25 0.00	64.46 -0.06 0.00	68.17 0.07 0.00	79.45 -0.24 0.00	84.83 0.08 0.00	96.61 -0.74 -4.23	99.83 -0.38 -6.08	109.51 -0.19 -12.55	117.70 0.90 -4.85	98.63 1.57 -4.47	87.69 1.68 -2.22	76.71 0.76 0.00	64.38 0.13 0.00	56.83 0.51 0.00
HICKLING___2 23622	55.24 0.06 0.00	49.58 -0.15 0.00	46.97 -0.24 0.00	46.01 -0.56 0.00	46.11 -0.56 0.00	48.01 -0.63 0.00	50.01 -0.56 0.00	51.91 -0.68 0.00	57.29 -0.29 0.00	61.12 -0.12 0.00	61.28 -0.25 0.00	64.46 -0.06 0.00	68.17 0.07 0.00	79.45 -0.24 0.00	84.83 0.08 0.00	96.61 -0.74 -4.23	99.83 -0.38 -6.08	109.51 -0.19 -12.55	117.70 0.90 -4.85	98.63 1.57 -4.47	87.69 1.68 -2.22	76.71 0.76 0.00	64.38 0.13 0.00	56.83 0.51 0.00
HIGH FALLS___HY 23754	57.67 2.48 0.00	52.32 2.59 0.00	49.71 2.50 0.00	49.13 2.56 0.00	49.00 2.33 0.00	51.02 2.38 0.00	52.99 2.43 0.00	55.49 2.89 0.00	60.74 3.17 0.00	64.36 3.12 0.00	64.72 3.20 0.00	68.59 4.06 0.00	72.87 4.77 0.00	86.30 6.61 0.00	91.81 8.22 1.16	114.30 9.78 -11.40	122.11 10.17 -17.82	148.73 10.69 -40.88	131.72 11.98 -7.78	111.07 9.07 -9.40	92.47 7.46 -1.21	81.58 5.62 0.00	67.79 3.53 0.00	59.14 2.82 0.00
HIGH_RIVER___SOLAR 323847	58.17 2.98 0.00	52.47 2.73 0.00	49.80 2.59 0.00	49.12 2.56 0.00	49.14 2.47 0.00	51.22 2.58 0.00	53.24 2.68 0.00	55.12 2.52 0.00	60.11 2.53 0.00	63.57 2.33 0.00	63.74 2.21 0.00	66.72 2.19 0.00	70.48 2.38 0.00	82.64 2.95 0.00	90.99 3.72 -2.52	130.79 4.09 -33.57	143.38 4.14 -45.12	186.18 4.86 -84.17	218.99 6.49 -100.53	186.23 5.84 -87.80	140.30 5.44 -51.06	80.36 4.40 0.00	67.98 3.73 0.00	59.31 2.98 0.00
HILLBURN___GT 23639	57.23 2.04 0.00	51.92 2.19 0.00	49.33 2.13 0.00	48.80 2.24 0.00	48.67 2.01 0.00	50.49 1.85 0.00	52.64 2.07 0.00	54.97 2.37 0.00	60.40 2.82 0.00	64.06 2.82 0.00	64.48 2.95 0.00	68.52 4.00 0.00	72.59 4.49 0.00	85.74 6.05 0.00	92.46 7.71 0.00	122.80 9.13 -20.55	131.75 9.32 -28.30	161.60 9.53 -54.92	139.03 10.52 -16.55	115.70 7.87 -15.25	97.57 6.20 -7.57	80.28 4.33 0.00	67.15 2.89 0.00	58.41 2.09 0.00
HILLSIDE_115KV_TB1 80332	54.47 -0.72 0.00	48.89 -0.85 0.00	46.31 -0.90 0.00	45.49 -1.07 0.00	45.55 -1.12 0.00	47.42 -1.22 0.00	49.40 -1.16 0.00	51.33 -1.26 0.00	56.54 -1.04 0.00	60.32 -0.92 0.00	60.48 -1.05 0.00	63.62 -0.90 0.00	67.35 -0.75 0.00	78.49 -1.20 0.00	83.90 -0.85 0.00	95.74 -1.77 -4.39	98.92 -1.51 -6.31	108.81 -1.36 -13.01	116.43 -0.56 -5.03	97.41 0.19 -4.64	86.52 0.42 -2.30	75.65 -0.30 0.00	63.49 -0.77 0.00	55.99 -0.34 0.00

HISHELDN_WT_PWR 323625	54.03 -1.16 0.00	48.29 -1.44 0.00	45.65 -1.56 0.00	44.61 -1.95 0.00	44.71 -1.96 0.00	46.45 -2.19 0.00	48.34 -2.22 0.00	49.97 -2.63 0.00	54.93 -2.65 0.00	59.09 -2.15 0.00	59.00 -2.53 0.00	61.94 -2.58 0.00	65.58 -2.52 0.00	75.71 -3.98 0.00	80.85 -3.90 0.00	91.00 -5.12 -3.00	93.44 -4.99 -4.31	101.28 -4.76 -8.88	110.94 -4.37 -3.35	93.36 -2.31 -3.08	83.49 -1.84 -1.53	73.52 -2.43 0.00	62.52 -1.73 0.00	55.76 -0.56 0.00
HOLTSVILLE_IC_1 23690	57.40 2.21 0.00	53.37 3.63 -0.01	51.32 4.10 -0.01	50.76 4.19 -0.01	50.64 3.96 -0.01	51.66 3.02 -0.01	53.55 2.98 0.00	54.44 1.84 0.00	60.11 2.65 0.11	64.67 3.43 0.00	74.05 4.37 -8.16	253.75 5.68 -183.55	265.85 6.26 -191.49	248.53 8.05 -160.80	276.46 9.83 -181.89	342.91 11.36 -238.43	332.07 11.48 -226.47	350.73 11.75 -241.82	256.27 13.20 -131.10	256.27 10.09 -153.59	251.11 8.46 -158.85	248.53 6.23 -166.35	225.28 4.56 -156.46	120.74 3.49 -60.92
HOLTSVILLE_IC_10 23699	57.84 2.65 0.00	53.73 3.98 -0.01	51.65 4.44 -0.01	51.09 4.52 -0.01	50.92 4.25 -0.01	51.96 3.31 -0.01	53.85 3.28 0.00	54.80 2.21 0.00	60.54 3.11 0.15	65.17 3.92 0.00	75.25 4.92 -8.80	268.66 6.19 -197.94	281.35 6.74 -206.51	261.79 8.69 -173.41	289.30 10.17 -194.39	356.34 11.73 -251.48	337.42 11.96 -231.34	361.02 12.24 -251.62	265.04 13.77 -139.31	265.21 10.55 -162.07	263.21 8.97 -170.44	262.04 6.69 -179.40	238.13 5.14 -168.73	125.97 3.94 -65.70
HOLTSVILLE_IC_2 23691	57.40 2.21 0.00	53.37 3.63 -0.01	51.32 4.10 -0.01	50.76 4.19 -0.01	50.64 3.96 -0.01	51.66 3.02 -0.01	53.55 2.98 0.00	54.44 1.84 0.00	60.11 2.65 0.11	64.67 3.43 0.00	74.05 4.37 -8.16	253.75 5.68 -183.55	265.85 6.26 -191.49	248.53 8.05 -160.80	276.46 9.83 -181.89	342.91 11.36 -238.43	332.07 11.48 -226.47	350.73 11.75 -241.82	256.27 13.20 -131.10	256.27 10.09 -153.59	251.11 8.46 -158.85	248.53 6.23 -166.35	225.28 4.56 -156.46	120.74 3.49 -60.92
HOLTSVILLE_IC_3 23692	57.40 2.21 0.00	53.37 3.63 -0.01	51.32 4.10 -0.01	50.76 4.19 -0.01	50.64 3.96 -0.01	51.66 3.02 -0.01	53.55 2.98 0.00	54.44 1.84 0.00	60.11 2.65 0.11	64.67 3.43 0.00	74.05 4.37 -8.16	253.75 5.68 -183.55	265.85 6.26 -191.49	248.53 8.05 -160.80	276.46 9.83 -181.89	342.91 11.36 -238.43	332.07 11.48 -226.47	350.73 11.75 -241.82	256.27 13.20 -131.10	256.27 10.09 -153.59	251.11 8.46 -158.85	248.53 6.23 -166.35	225.28 4.56 -156.46	120.74 3.49 -60.92
HOLTSVILLE_IC_4 23693	57.40 2.21 0.00	53.37 3.63 -0.01	51.32 4.10 -0.01	50.76 4.19 -0.01	50.64 3.96 -0.01	51.66 3.02 -0.01	53.55 2.98 0.00	54.44 1.84 0.00	60.11 2.65 0.11	64.67 3.43 0.00	74.05 4.37 -8.16	253.75 5.68 -183.55	265.85 6.26 -191.49	248.53 8.05 -160.80	276.46 9.83 -181.89	342.91 11.36 -238.43	332.07 11.48 -226.47	350.73 11.75 -241.82	256.27 13.20 -131.10	256.27 10.09 -153.59	251.11 8.46 -158.85	248.53 6.23 -166.35	225.28 4.56 -156.46	120.74 3.49 -60.92
HOLTSVILLE_IC_5 23694	57.40 2.21 0.00	53.37 3.63 -0.01	51.32 4.10 -0.01	50.76 4.19 -0.01	50.64 3.96 -0.01	51.66 3.02 -0.01	53.55 2.98 0.00	54.44 1.84 0.00	60.11 2.65 0.11	64.67 3.43 0.00	74.05 4.37 -8.16	253.75 5.68 -183.55	265.85 6.26 -191.49	248.53 8.05 -160.80	276.46 9.83 -181.89	342.91 11.36 -238.43	332.07 11.48 -226.47	350.73 11.75 -241.82	256.27 13.20 -131.10	256.27 10.09 -153.59	251.11 8.46 -158.85	248.53 6.23 -166.35	225.28 4.56 -156.46	120.74 3.49 -60.92
HOLTSVILLE_IC_6 23695	57.84 2.65 0.00	53.73 3.98 -0.01	51.65 4.44 -0.01	51.09 4.52 -0.01	50.92 4.25 -0.01	51.96 3.31 -0.01	53.85 3.28 0.00	54.80 2.21 0.00	60.54 3.11 0.15	65.17 3.92 0.00	75.25 4.92 -8.80	268.66 6.19 -197.94	281.35 6.74 -206.51	261.79 8.69 -173.41	289.30 10.17 -194.39	356.34 11.73 -251.48	337.42 11.96 -231.34	361.02 12.24 -251.62	265.04 13.77 -139.31	265.21 10.55 -162.07	263.21 8.97 -170.44	262.04 6.69 -179.40	238.13 5.14 -168.73	125.97 3.94 -65.70
HOLTSVILLE_IC_7 23696	57.84 2.65 0.00	53.73 3.98 -0.01	51.65 4.44 -0.01	51.09 4.52 -0.01	50.92 4.25 -0.01	51.96 3.31 -0.01	53.85 3.28 0.00	54.80 2.21 0.00	60.54 3.11 0.15	65.17 3.92 0.00	75.25 4.92 -8.80	268.66 6.19 -197.94	281.35 6.74 -206.51	261.79 8.69 -173.41	289.30 10.17 -194.39	356.34 11.73 -251.48	337.42 11.96 -231.34	361.02 12.24 -251.62	265.04 13.77 -139.31	265.21 10.55 -162.07	263.21 8.97 -170.44	262.04 6.69 -179.40	238.13 5.14 -168.73	125.97 3.94 -65.70
HOLTSVILLE_IC_8 23697	57.84 2.65 0.00	53.73 3.98 -0.01	51.65 4.44 -0.01	51.09 4.52 -0.01	50.92 4.25 -0.01	51.96 3.31 -0.01	53.85 3.28 0.00	54.80 2.21 0.00	60.54 3.11 0.15	65.17 3.92 0.00	75.25 4.92 -8.80	268.66 6.19 -197.94	281.35 6.74 -206.51	261.79 8.69 -173.41	289.30 10.17 -194.39	356.34 11.73 -251.48	337.42 11.96 -231.34	361.02 12.24 -251.62	265.04 13.77 -139.31	265.21 10.55 -162.07	263.21 8.97 -170.44	262.04 6.69 -179.40	238.13 5.14 -168.73	125.97 3.94 -65.70
HOLTSVILLE_IC_9 23698	57.84 2.65 0.00	53.73 3.98 -0.01	51.65 4.44 -0.01	51.09 4.52 -0.01	50.92 4.25 -0.01	51.96 3.31 -0.01	53.85 3.28 0.00	54.80 2.21 0.00	60.54 3.11 0.15	65.17 3.92 0.00	75.25 4.92 -8.80	268.66 6.19 -197.94	281.35 6.74 -206.51	261.79 8.69 -173.41	289.30 10.17 -194.39	356.34 11.73 -251.48	337.42 11.96 -231.34	361.02 12.24 -251.62	265.04 13.77 -139.31	265.21 10.55 -162.07	263.21 8.97 -170.44	262.04 6.69 -179.40	238.13 5.14 -168.73	125.97 3.94 -65.70
HOMER_HL_115KV_TB2 355744	53.42 -1.77 0.00	47.79 -1.94 0.00	45.08 -2.12 0.00	44.19 -2.37 0.00	44.29 -2.38 0.00	46.06 -2.58 0.00	48.09 -2.48 0.00	49.70 -2.89 0.00	55.10 -2.48 0.00	59.03 -2.20 0.00	59.06 -2.46 0.00	62.13 -2.39 0.00	65.92 -2.18 0.00	76.50 -3.19 0.00	81.61 -3.14 0.00	90.70 -5.49 -3.07	93.27 -5.27 -4.42	101.11 -5.15 -9.11	112.06 -3.36 -3.46	94.11 -1.67 -3.18	84.04 -1.34 -1.58	73.83 -2.13 0.00	62.01 -2.25 0.00	55.37 -0.96 0.00
HOWARD_WT_PWR 323690	55.41 0.22 0.00	49.59 -0.15 0.00	46.97 -0.23 0.00	45.96 -0.61 0.00	46.06 -0.61 0.00	47.96 -0.68 0.00	50.01 -0.56 0.00	52.02 -0.58 0.00	56.95 -0.63 0.00	60.93 -0.30 0.00	60.85 -0.68 0.00	63.81 -0.71 0.00	67.48 -0.61 0.00	78.33 -1.36 0.00	83.73 -1.01 0.00	94.57 -2.05 -3.49	97.35 -1.79 -5.02	106.15 -1.36 -10.36	115.92 0.00 -3.96	97.63 1.39 -3.65	87.37 1.76 -1.81	76.79 0.84 0.00	64.90 0.64 0.00	57.28 0.96 0.00
HQ_GEN_CEDARS 23644	55.46 0.28 0.00	49.88 0.15 0.00	47.25 0.05 0.00	46.61 0.05 0.00	46.95 0.28 0.00	49.13 0.49 0.00	51.02 0.46 0.00	52.86 0.26 0.00	57.63 0.06 0.00	61.12 -0.12 0.00	61.22 -0.31 0.00	63.62 -0.90 0.00	67.08 -1.02 0.00	78.25 -1.43 0.00	79.98 -3.56 1.21	79.98 -3.82 9.32	79.98 -3.95 10.19	79.98 -4.27 12.90	79.98 -4.93 27.06	79.98 -3.70 8.90	79.98 -2.85 0.97	75.12 -0.84 0.00	64.26 0.00 0.00	56.44 0.11 0.00
HQ_GEN_CEDARS_PROXY 323590	55.47 0.28 0.00	49.88 0.15 0.00	47.25 0.05 0.00	46.61 0.05 0.00	46.95 0.28 0.00	49.13 0.49 0.00	51.02 0.45 0.00	52.97 0.37 0.00	57.63 0.06 0.00	61.12 -0.12 0.00	61.22 -0.31 0.00	63.62 -0.90 0.00	67.08 -1.02 0.00	78.33 -1.36 0.00	79.98 -3.56 1.21	79.98 -3.82 9.32	79.98 -3.95 10.19	79.98 -4.27 12.90	79.98 -4.92 27.06	79.98 -3.71 8.90	79.98 -2.85 0.97	75.20 -0.76 0.00	64.06 -0.19 0.00	56.44 0.11 0.00

HQ_GEN_IMPORT 323601	55.02 -0.17 0.00	49.49 -0.25 0.00	46.88 -0.33 0.00	46.24 -0.32 0.00	46.48 -0.19 0.00	48.54 -0.10 0.00	50.46 -0.10 0.00	52.44 -0.16 0.00	57.29 -0.29 0.00	60.93 -0.30 0.00	61.16 -0.37 0.00	63.75 -0.77 0.00	67.15 -0.95 0.00	78.41 -1.28 0.00	82.50 -2.20 0.04	90.39 -2.42 0.31	91.34 -2.45 0.34	94.20 -2.53 0.43	108.04 -3.02 0.90	89.98 -2.31 0.30	78.41 -1.92 3.47	78.40 -0.99 -3.43	63.74 -0.52 0.00	56.04 -0.28 0.00
HQ_GEN_WHEEL 23651	55.02 -0.17 0.00	49.49 -0.25 0.00	46.88 -0.33 0.00	46.24 -0.32 0.00	46.48 -0.19 0.00	48.54 -0.10 0.00	50.46 -0.10 0.00	52.44 -0.16 0.00	57.29 -0.29 0.00	60.93 -0.30 0.00	61.16 -0.37 0.00	63.75 -0.77 0.00	67.15 -0.95 0.00	78.41 -1.28 0.00	82.50 -2.20 0.04	90.39 -2.42 0.31	91.34 -2.45 0.34	94.20 -2.53 0.43	108.04 -3.02 0.90	89.98 -2.31 0.30	78.41 -1.92 3.47	78.40 -0.99 -3.43	63.74 -0.52 0.00	56.04 -0.28 0.00
HUDSON AVE_GT_3 23810	58.00 2.81 0.00	52.67 2.93 0.00	50.04 2.83 0.00	49.54 2.98 0.00	49.42 2.75 0.00	51.31 2.68 0.00	53.34 2.78 0.00	55.96 3.37 0.00	61.26 3.68 0.00	65.04 3.80 0.00	65.34 3.81 0.00	69.49 4.97 0.00	73.48 5.38 0.00	86.94 7.25 0.00	94.46 9.24 -0.47	126.15 11.08 -21.94	135.56 11.29 -30.14	166.96 11.56 -58.24	146.85 12.65 -22.24	121.62 9.44 -19.59	102.38 7.46 -11.12	80.97 5.01 0.00	67.53 3.28 0.00	59.03 2.70 0.00
HUDSON AVE_GT_4 23540	58.00 2.81 0.00	52.67 2.93 0.00	50.04 2.83 0.00	49.54 2.98 0.00	49.42 2.75 0.00	51.31 2.68 0.00	53.34 2.78 0.00	55.96 3.37 0.00	61.26 3.68 0.00	65.04 3.80 0.00	65.34 3.81 0.00	69.49 4.97 0.00	73.48 5.38 0.00	86.94 7.25 0.00	94.46 9.24 -0.47	126.15 11.08 -21.94	135.56 11.29 -30.14	166.96 11.56 -58.24	146.85 12.65 -22.24	121.62 9.44 -19.59	102.38 7.46 -11.12	80.97 5.01 0.00	67.53 3.28 0.00	59.03 2.70 0.00
HUDSON AVE_GT_5 23657	58.00 2.81 0.00	52.67 2.93 0.00	50.04 2.83 0.00	49.54 2.98 0.00	49.42 2.75 0.00	51.31 2.68 0.00	53.34 2.78 0.00	55.96 3.37 0.00	61.26 3.68 0.00	65.04 3.80 0.00	65.34 3.81 0.00	69.49 4.97 0.00	73.48 5.38 0.00	86.94 7.25 0.00	94.46 9.24 -0.47	126.15 11.08 -21.94	135.56 11.29 -30.14	166.96 11.56 -58.24	146.85 12.65 -22.24	121.62 9.44 -19.59	102.38 7.46 -11.12	80.97 5.01 0.00	67.53 3.28 0.00	59.03 2.70 0.00
HUDSON_AVE_10 24168	57.95 2.76 0.00	52.57 2.83 0.00	49.94 2.74 0.00	49.45 2.89 0.00	49.33 2.66 0.00	51.27 2.63 0.00	53.29 2.73 0.00	55.91 3.31 0.00	61.26 3.68 0.00	64.98 3.74 0.00	65.22 3.69 0.00	69.30 4.77 0.00	73.34 5.24 0.00	86.78 7.09 0.00	95.02 9.07 -1.20	128.27 10.99 -24.16	139.90 11.20 -34.57	173.24 11.46 -64.62	150.62 12.54 -26.12	123.87 9.35 -21.93	102.30 7.37 -11.12	80.89 4.94 0.00	67.53 3.28 0.00	58.97 2.65 0.00
HUDSON___115KV_TB 4 355613	57.40 2.21 0.00	51.82 2.09 0.00	49.19 1.98 0.00	48.52 1.96 0.00	48.44 1.77 0.00	50.44 1.80 0.00	52.48 1.92 0.00	54.60 2.00 0.00	59.59 2.02 0.00	63.14 1.90 0.00	63.25 1.72 0.00	66.65 2.13 0.00	70.07 1.97 0.00	82.16 2.47 0.00	77.70 3.73 10.78	52.70 4.38 44.80	51.53 4.52 47.11	54.44 5.05 47.76	45.62 6.05 72.39	51.96 5.37 46.00	33.62 4.69 54.87	79.53 3.57 0.00	66.89 2.63 0.00	58.41 2.08 0.00
HUNTER MOUNT___DRP 323613	57.78 2.59 0.00	52.17 2.44 0.00	49.52 2.31 0.00	48.80 2.24 0.00	48.72 2.05 0.00	50.78 2.14 0.00	52.84 2.28 0.00	54.96 2.37 0.00	59.94 2.36 0.00	63.44 2.20 0.00	63.49 1.97 0.00	66.78 2.26 0.00	70.21 2.11 0.00	82.24 2.55 0.00	80.51 4.07 8.30	67.55 4.66 30.23	68.84 4.89 30.18	78.50 5.63 24.29	68.00 6.72 50.67	67.68 5.83 30.74	49.05 5.20 39.94	79.83 3.87 0.00	67.15 2.89 0.00	58.69 2.37 0.00
HUNTINGTON_RES_REC 323705	56.95 1.77 0.01	52.75 3.03 0.01	50.94 3.73 -0.01	50.48 3.91 -0.01	50.32 3.64 -0.01	51.13 2.48 -0.01	52.99 2.43 0.00	54.07 1.47 0.00	59.33 2.24 0.49	64.17 2.94 0.00	86.15 3.94 -20.68	529.34 5.42 -459.40	554.90 6.13 -480.67	491.14 8.05 -403.40	520.59 9.83 -426.02	597.21 11.36 -492.73	422.36 11.57 -316.66	463.38 11.95 -354.28	363.15 13.32 -237.87	415.60 10.18 -312.83	477.65 8.38 -385.47	502.80 6.00 -420.84	464.29 4.17 -395.85	213.70 2.98 -154.40
HUNTLEY___63 23557	53.75 -1.43 0.00	47.99 -1.74 0.00	45.32 -1.89 0.00	44.28 -2.28 0.00	44.33 -2.33 0.00	46.01 -2.63 0.00	47.73 -2.83 0.00	48.60 -4.00 0.00	54.24 -3.34 0.00	58.61 -2.63 0.00	58.51 -3.01 0.00	61.55 -2.97 0.00	65.03 -3.06 0.00	74.67 -5.02 0.00	79.58 -5.17 0.00	89.35 -6.33 -2.56	91.40 -6.40 -3.68	98.60 -6.12 -7.56	108.29 -6.49 -2.82	90.93 -4.26 -2.60	81.49 -3.60 -1.29	71.93 -4.03 0.00	61.30 -2.96 0.00	55.48 -0.84 0.00
HUNTLEY___64 23558	53.75 -1.43 0.00	47.99 -1.74 0.00	45.32 -1.89 0.00	44.28 -2.28 0.00	44.33 -2.33 0.00	46.01 -2.63 0.00	47.73 -2.83 0.00	48.60 -4.00 0.00	54.24 -3.34 0.00	58.61 -2.63 0.00	58.51 -3.01 0.00	61.55 -2.97 0.00	65.03 -3.06 0.00	74.67 -5.02 0.00	79.58 -5.17 0.00	89.35 -6.33 -2.56	91.40 -6.40 -3.68	98.60 -6.12 -7.56	108.29 -6.49 -2.82	90.93 -4.26 -2.60	81.49 -3.60 -1.29	71.93 -4.03 0.00	61.30 -2.96 0.00	55.48 -0.84 0.00
HUNTLEY___65 23559	53.75 -1.43 0.00	47.99 -1.74 0.00	45.32 -1.89 0.00	44.28 -2.28 0.00	44.33 -2.33 0.00	46.01 -2.63 0.00	47.73 -2.83 0.00	48.60 -4.00 0.00	54.24 -3.34 0.00	58.61 -2.63 0.00	58.51 -3.01 0.00	61.55 -2.97 0.00	65.03 -3.06 0.00	74.67 -5.02 0.00	79.58 -5.17 0.00	89.35 -6.33 -2.56	91.40 -6.40 -3.68	98.60 -6.12 -7.56	108.29 -6.49 -2.82	90.93 -4.26 -2.60	81.49 -3.60 -1.29	71.93 -4.03 0.00	61.30 -2.96 0.00	55.48 -0.84 0.00
HUNTLEY___66 23560	53.75 -1.43 0.00	47.99 -1.74 0.00	45.32 -1.89 0.00	44.28 -2.28 0.00	44.33 -2.33 0.00	46.01 -2.63 0.00	47.73 -2.83 0.00	48.60 -4.00 0.00	54.24 -3.34 0.00	58.61 -2.63 0.00	58.51 -3.01 0.00	61.55 -2.97 0.00	65.03 -3.06 0.00	74.67 -5.02 0.00	79.58 -5.17 0.00	89.35 -6.33 -2.56	91.40 -6.40 -3.68	98.60 -6.12 -7.56	108.29 -6.49 -2.82	90.93 -4.26 -2.60	81.49 -3.60 -1.29	71.93 -4.03 0.00	61.30 -2.96 0.00	55.48 -0.84 0.00
HUNTLEY___67 23561	53.42 -1.77 0.00	47.70 -2.04 0.00	45.08 -2.12 0.00	44.10 -2.47 0.00	44.15 -2.52 0.00	45.82 -2.82 0.00	47.63 -2.93 0.00	48.55 -4.05 0.00	54.07 -3.51 0.00	58.30 -2.94 0.00	58.26 -3.26 0.00	61.36 -3.16 0.00	65.10 -3.00 0.00	74.91 -4.78 0.00	80.00 -4.75 0.00	89.86 -5.87 -2.60	92.02 -5.84 -3.74	99.23 -5.63 -7.71	108.89 -5.93 -2.87	91.44 -3.80 -2.64	81.84 -3.27 -1.31	72.16 -3.80 0.00	61.17 -3.08 0.00	55.25 -1.07 0.00
HUNTLEY___68 23562	53.42 -1.77 0.00	47.70 -2.04 0.00	45.08 -2.12 0.00	44.10 -2.47 0.00	44.15 -2.52 0.00	45.82 -2.82 0.00	47.63 -2.93 0.00	48.55 -4.05 0.00	54.07 -3.51 0.00	58.30 -2.94 0.00	58.26 -3.26 0.00	61.36 -3.16 0.00	65.10 -3.00 0.00	74.91 -4.78 0.00	80.00 -4.75 0.00	89.86 -5.87 -2.60	92.02 -5.84 -3.74	99.23 -5.63 -7.71	108.89 -5.93 -2.87	91.44 -3.80 -2.64	81.84 -3.27 -1.31	72.16 -3.80 0.00	61.17 -3.08 0.00	55.25 -1.07 0.00

HYLAND___LFGE 323620	55.68 0.50 0.00	49.73 0.00 0.00	47.06 -0.14 0.00	45.96 -0.61 0.00	46.06 -0.61 0.00	48.01 -0.63 0.00	49.85 -0.71 0.00	51.65 -0.95 0.00	55.85 -1.73 0.00	59.16 -2.08 0.00	58.82 -2.71 0.00	61.62 -2.90 0.00	65.17 -2.93 0.00	75.31 -4.38 0.00	80.51 -4.23 0.00	91.41 -4.56 -2.85	94.08 -4.14 -4.10	102.60 -3.01 -8.45	113.67 -1.46 -3.16	96.98 1.48 -2.91	87.59 2.34 -1.45	77.17 1.21 0.00	65.28 1.02 0.00	57.62 1.30 0.00
INDECK___CORINTH 23802	57.95 2.76 0.00	52.22 2.49 0.00	49.42 2.22 0.00	48.71 2.14 0.00	48.67 2.01 0.00	50.73 2.09 0.00	52.94 2.38 0.00	55.02 2.42 0.00	60.28 2.71 0.00	64.00 2.76 0.00	63.74 2.21 0.00	66.84 2.32 0.00	70.42 2.32 0.00	82.40 2.71 0.00	92.58 3.64 -4.19	138.31 4.00 -41.19	152.10 4.14 -53.84	197.63 4.66 -95.81	234.15 6.60 -115.59	196.41 5.37 -98.45	150.16 5.03 -61.33	79.98 4.02 0.00	67.79 3.53 0.00	59.08 2.76 0.00
INDECK___ILION 23567	55.08 -0.11 0.00	49.68 -0.05 0.00	47.20 0.00 0.00	46.56 0.00 0.00	46.62 -0.05 0.00	48.59 -0.05 0.00	50.56 0.00 0.00	52.60 0.00 0.00	57.58 0.00 0.00	61.24 0.00 0.00	61.46 -0.06 0.00	64.59 0.06 0.00	68.17 0.07 0.00	79.85 0.16 0.00	85.17 0.42 0.00	93.59 0.47 0.00	94.59 0.47 0.00	97.54 0.39 0.00	112.52 0.56 0.00	92.87 0.28 0.00	84.05 0.25 0.00	76.03 0.08 0.00	64.19 -0.06 0.00	56.27 -0.06 0.00
INDECK___OLEAN 23982	53.42 -1.77 0.00	47.79 -1.94 0.00	45.13 -2.08 0.00	44.14 -2.42 0.00	44.19 -2.47 0.00	46.01 -2.63 0.00	48.04 -2.53 0.00	50.02 -2.58 0.00	55.10 -2.47 0.00	59.04 -2.20 0.00	59.12 -2.40 0.00	62.14 -2.39 0.00	65.92 -2.18 0.00	76.50 -3.19 0.00	81.61 -3.13 0.00	90.70 -5.49 -3.07	93.27 -5.27 -4.42	101.11 -5.15 -9.11	112.17 -3.25 -3.46	94.20 -1.57 -3.18	83.96 -1.43 -1.58	73.83 -2.13 0.00	62.46 -1.80 0.00	55.37 -0.96 0.00
INDECK___OSWEGO 23783	53.64 -1.54 0.00	48.29 -1.44 0.00	45.88 -1.32 0.00	45.12 -1.44 0.00	45.17 -1.50 0.00	47.08 -1.56 0.00	48.99 -1.57 0.00	51.02 -1.58 0.00	55.85 -1.73 0.00	59.40 -1.84 0.00	59.68 -1.84 0.00	62.72 -1.81 0.00	66.19 -1.91 0.00	77.37 -2.31 0.00	82.58 -2.20 -0.04	92.28 -2.42 -1.58	93.95 -2.35 -2.17	98.96 -2.43 -4.23	110.09 -2.69 -0.82	90.91 -1.95 -0.27	82.15 -1.68 -0.03	74.13 -1.82 0.00	62.59 -1.67 0.00	54.86 -1.46 0.00
INDECK___YERKES 23781	53.81 -1.38 0.00	48.04 -1.69 0.00	45.36 -1.84 0.00	44.42 -2.14 0.00	44.52 -2.15 0.00	46.21 -2.43 0.00	47.78 -2.78 0.00	49.28 -3.31 0.00	54.30 -3.28 0.00	58.67 -2.57 0.00	58.63 -2.89 0.00	61.62 -2.90 0.00	65.04 -3.06 0.00	74.67 -5.02 0.00	79.57 -5.17 0.00	89.35 -6.34 -2.56	91.40 -6.40 -3.68	98.60 -6.12 -7.56	108.41 -6.38 -2.82	91.03 -4.16 -2.60	81.49 -3.60 -1.29	71.93 -4.03 0.00	61.81 -2.44 0.00	55.59 -0.73 0.00
INDIAN POINT_GT_1 24139	57.34 2.15 0.00	52.02 2.29 0.00	49.47 2.27 0.00	48.99 2.42 0.00	48.81 2.15 0.00	50.78 2.14 0.00	52.74 2.17 0.00	55.23 2.63 0.00	60.46 2.88 0.00	64.12 2.88 0.00	64.54 3.01 0.00	68.59 4.06 0.00	72.66 4.56 0.00	85.90 6.22 0.00	93.09 7.88 -0.46	124.09 9.31 -21.66	133.49 9.60 -29.76	164.51 9.81 -57.54	144.75 10.86 -21.93	119.98 8.06 -19.33	101.29 6.54 -10.96	80.44 4.48 0.00	67.02 2.76 0.00	58.46 2.14 0.00
INDIAN POINT_GT_2 23659	57.34 2.15 0.00	52.02 2.29 0.00	49.47 2.27 0.00	48.99 2.42 0.00	48.81 2.15 0.00	50.78 2.14 0.00	52.74 2.17 0.00	55.23 2.63 0.00	60.46 2.88 0.00	64.12 2.88 0.00	64.54 3.01 0.00	68.59 4.06 0.00	72.66 4.56 0.00	85.90 6.22 0.00	93.09 7.88 -0.46	124.09 9.31 -21.66	133.49 9.60 -29.76	164.51 9.81 -57.54	144.75 10.86 -21.93	119.98 8.06 -19.33	101.29 6.54 -10.96	80.44 4.48 0.00	67.02 2.76 0.00	58.46 2.14 0.00
INDIAN POINT_GT_3 24019	57.34 2.15 0.00	52.02 2.29 0.00	49.47 2.27 0.00	48.99 2.42 0.00	48.81 2.15 0.00	50.78 2.14 0.00	52.74 2.17 0.00	55.23 2.63 0.00	60.46 2.88 0.00	64.12 2.88 0.00	64.54 3.01 0.00	68.59 4.06 0.00	72.66 4.56 0.00	85.90 6.22 0.00	93.09 7.88 -0.46	124.09 9.31 -21.66	133.49 9.60 -29.76	164.51 9.81 -57.54	144.75 10.86 -21.93	119.98 8.06 -19.33	101.29 6.54 -10.96	80.44 4.48 0.00	67.02 2.76 0.00	58.46 2.14 0.00
INDIAN POINT___2 23530	57.23 2.04 0.00	51.92 2.19 0.00	49.38 2.17 0.00	48.85 2.28 0.00	48.72 2.05 0.00	50.53 1.90 0.00	52.64 2.07 0.00	54.91 2.31 0.00	60.34 2.76 0.00	64.06 2.82 0.00	64.42 2.89 0.00	68.46 3.94 0.00	72.52 4.42 0.00	85.67 5.98 0.00	92.81 7.63 -0.44	123.40 9.03 -21.24	132.58 9.23 -29.22	163.26 9.53 -56.57	143.96 10.52 -21.48	119.32 7.78 -18.95	100.71 6.20 -10.70	80.13 4.17 0.00	67.08 2.82 0.00	58.35 2.02 0.00
INDIAN POINT___3 23531	57.23 2.04 0.00	51.97 2.24 0.00	49.38 2.17 0.00	48.85 2.28 0.00	48.72 2.05 0.00	50.68 2.04 0.00	52.64 2.07 0.00	55.12 2.52 0.00	60.34 2.76 0.00	64.06 2.82 0.00	64.42 2.89 0.00	68.46 3.94 0.00	72.53 4.43 0.00	85.66 5.98 0.00	92.83 7.63 -0.46	123.83 9.03 -21.67	133.13 9.22 -29.78	164.15 9.42 -57.57	144.32 10.41 -21.95	119.71 7.78 -19.34	101.05 6.29 -10.97	80.21 4.25 0.00	66.89 2.63 0.00	58.35 2.03 0.00
INGHAM_C_115KV_TB7 356103	54.36 -0.83 0.00	48.99 -0.75 0.00	46.50 -0.71 0.00	45.87 -0.70 0.00	46.01 -0.65 0.00	47.96 -0.68 0.00	49.91 -0.66 0.00	51.91 -0.68 0.00	56.77 -0.81 0.00	60.38 -0.86 0.00	60.60 -0.92 0.00	63.62 -0.90 0.00	67.15 -0.95 0.00	78.65 -1.04 0.00	83.81 -0.93 0.00	92.19 -0.93 0.00	92.90 -1.22 0.00	95.89 -1.26 0.00	110.73 -1.23 0.00	91.29 -1.30 0.00	82.71 -1.09 0.00	74.82 -1.14 0.00	63.29 -0.96 0.00	55.48 -0.84 0.00
IP CORINTH___1 23988	58.28 3.09 0.00	52.47 2.74 0.00	49.71 2.50 0.00	48.94 2.37 0.00	48.91 2.24 0.00	51.02 2.38 0.00	53.19 2.63 0.00	55.38 2.79 0.00	60.57 2.99 0.00	64.36 3.12 0.00	64.05 2.52 0.00	67.23 2.71 0.00	70.75 2.66 0.00	82.88 3.19 0.00	93.09 4.15 -4.19	138.78 4.47 -41.19	152.57 4.61 -53.84	198.11 5.15 -95.81	234.71 7.17 -115.59	196.88 5.83 -98.45	150.66 5.53 -61.33	80.51 4.56 0.00	68.05 3.79 0.00	59.42 3.10 0.00
IP___TICONDEROGA 23804	60.98 5.79 0.00	54.81 5.07 0.00	51.69 4.48 0.00	50.80 4.24 0.00	50.82 4.15 0.00	53.07 4.43 0.00	55.37 4.80 0.00	57.38 4.79 0.00	62.87 5.30 0.00	66.75 5.51 0.00	66.51 4.98 0.00	69.55 5.03 0.00	73.07 4.97 0.00	85.43 5.74 0.00	96.07 6.95 -4.38	142.55 7.36 -42.07	156.62 7.62 -54.87	203.04 8.65 -97.24	240.42 11.53 -116.93	201.56 9.63 -99.34	155.07 8.97 -62.31	83.78 7.82 0.00	71.13 6.88 0.00	62.13 5.80 0.00
ISLIP_RES_REC 323679	58.23 3.03 -0.01	54.07 4.32 -0.01	51.93 4.72 -0.01	51.37 4.80 -0.01	51.20 4.53 -0.01	52.25 3.60 -0.01	54.15 3.59 0.00	55.17 2.58 0.00	60.96 3.51 0.13	65.66 4.41 -0.01	75.01 5.47 -8.01	252.25 6.91 -180.82	264.09 7.49 -188.50	247.64 9.64 -158.31	275.06 11.27 -179.04	341.57 12.94 -235.51	332.83 13.18 -225.53	359.13 13.50 -248.47	262.49 15.22 -135.31	256.58 11.67 -152.32	249.87 9.88 -156.18	246.82 7.45 -163.41	223.61 5.66 -153.70	120.54 4.40 -59.82

JAMAICA__27_KV_LOAD 355505	58.50 3.31 0.00	53.02 3.28 0.00	50.32 3.12 0.00	49.87 3.31 0.00	49.70 3.03 0.00	51.70 3.06 0.00	53.85 3.29 0.00	56.54 3.94 0.00	62.01 4.43 0.00	65.77 4.53 0.00	65.71 4.18 0.00	69.88 5.36 0.00	73.96 5.86 0.00	87.66 7.97 0.00	96.31 10.17 -1.40	130.09 12.20 -24.76	142.40 12.52 -35.76	176.30 12.82 -66.32	153.34 14.22 -27.16	125.89 10.74 -22.56	103.55 8.63 -11.12	81.80 5.85 0.00	68.43 4.18 0.00	59.65 3.32 0.00
JANIS__SOLAR 323808	57.73 2.54 0.00	51.92 2.19 0.00	49.28 2.07 0.00	48.33 1.77 0.00	48.54 1.87 0.00	50.59 1.95 0.00	52.69 2.12 0.00	54.81 2.21 0.00	59.82 2.24 0.00	63.69 2.45 0.00	63.62 2.09 0.00	66.72 2.19 0.00	70.48 2.38 0.00	82.40 2.71 0.00	87.97 3.22 0.00	101.13 3.45 -4.56	104.81 4.14 -6.55	115.33 4.66 -13.51	125.33 7.06 -6.31	104.61 6.20 -5.82	92.55 5.86 -2.89	80.59 4.63 0.00	67.72 3.47 0.00	59.19 2.87 0.00
JARVIS____ 23743	55.41 0.22 0.00	49.98 0.25 0.00	47.49 0.28 0.00	46.85 0.28 0.00	46.90 0.23 0.00	48.88 0.24 0.00	50.82 0.25 0.00	52.86 0.26 0.00	57.87 0.29 0.00	61.55 0.31 0.00	61.83 0.31 0.00	64.98 0.45 0.00	68.58 0.48 0.00	80.40 0.72 0.00	85.77 1.02 0.00	94.25 1.12 0.00	95.26 1.13 0.00	98.23 1.07 0.00	113.31 1.35 0.00	93.52 0.93 0.00	84.64 0.84 0.00	76.49 0.54 0.00	64.64 0.39 0.00	56.55 0.23 0.00
JENNISON____1 23625	58.00 2.81 0.00	52.27 2.54 0.00	49.61 2.41 0.00	48.80 2.24 0.00	48.95 2.29 0.00	51.02 2.38 0.00	53.09 2.53 0.00	55.28 2.68 0.00	60.57 2.99 0.00	64.73 3.49 0.00	64.79 3.26 0.00	68.13 3.61 0.00	72.05 3.95 0.00	84.39 4.70 0.00	90.17 5.42 0.00	104.86 5.87 -5.87	108.87 6.31 -8.44	120.97 6.41 -17.41	129.96 8.62 -9.38	108.09 6.85 -8.64	94.46 6.37 -4.29	81.04 5.09 0.00	67.79 3.53 0.00	59.42 3.10 0.00
JENNISON____2 23626	58.00 2.81 0.00	52.27 2.54 0.00	49.61 2.41 0.00	48.80 2.24 0.00	48.95 2.29 0.00	51.02 2.38 0.00	53.09 2.53 0.00	55.28 2.68 0.00	60.57 2.99 0.00	64.73 3.49 0.00	64.79 3.26 0.00	68.13 3.61 0.00	72.05 3.95 0.00	84.39 4.70 0.00	90.17 5.42 0.00	104.86 5.87 -5.87	108.87 6.31 -8.44	120.97 6.41 -17.41	129.96 8.62 -9.38	108.09 6.85 -8.64	94.46 6.37 -4.29	81.04 5.09 0.00	67.79 3.53 0.00	59.42 3.10 0.00
JERICOHO_RISE_WT_PWR 323719	54.69 -0.50 0.00	49.33 -0.40 0.00	46.88 -0.33 0.00	46.24 -0.32 0.00	46.53 -0.14 0.00	48.45 -0.19 0.00	50.36 -0.20 0.00	52.28 -0.31 0.00	56.95 -0.63 0.00	60.51 -0.73 0.00	60.72 -0.80 0.00	63.16 -1.36 0.00	66.60 -1.50 0.00	77.77 -1.91 0.00	81.28 -3.22 0.25	87.66 -3.54 1.93	88.34 -3.67 2.11	90.60 -3.89 2.67	101.88 -4.48 5.60	87.42 -3.33 1.84	81.09 -2.51 0.20	74.51 -1.45 0.00	63.42 -0.84 0.00	55.76 -0.56 0.00
KATONAH__115KV_46KV_TB4 355592	57.78 2.59 0.00	52.42 2.69 0.00	49.80 2.60 0.00	49.36 2.79 0.00	49.19 2.52 0.00	51.12 2.48 0.00	53.09 2.53 0.00	55.59 3.00 0.00	60.86 3.28 0.00	64.67 3.43 0.00	65.15 3.63 0.00	69.30 4.77 0.00	73.55 5.45 0.00	86.94 7.25 0.00	94.12 8.90 -0.48	125.88 10.52 -22.23	135.49 10.82 -30.54	167.33 11.17 -59.00	146.94 12.43 -22.55	121.62 9.17 -19.87	102.53 7.46 -11.27	81.20 5.24 0.00	67.60 3.34 0.00	58.91 2.59 0.00
KCE_NY_1 323755	58.39 3.20 0.00	52.67 2.93 0.00	49.94 2.74 0.00	49.22 2.65 0.00	49.14 2.47 0.00	51.22 2.58 0.00	53.39 2.83 0.00	55.43 2.84 0.00	60.68 3.11 0.00	64.48 3.24 0.00	64.54 3.01 0.00	67.87 3.35 0.00	71.57 3.47 0.00	83.91 4.22 0.00	94.63 5.26 -4.63	142.22 5.78 -43.32	156.37 5.93 -56.32	202.82 6.41 -99.25	238.61 7.83 -118.82	199.56 6.38 -100.59	153.27 5.78 -63.69	80.67 4.71 0.00	68.24 3.99 0.00	59.53 3.21 0.00
KCE_NY_6_ESR 323823	54.03 -1.16 0.00	48.24 -1.49 0.00	45.60 -1.61 0.00	44.52 -2.05 0.00	44.61 -2.05 0.00	46.31 -2.33 0.00	48.19 -2.38 0.00	49.81 -2.79 0.00	54.87 -2.71 0.00	59.16 -2.08 0.00	59.12 -2.40 0.00	62.20 -2.32 0.00	65.92 -2.18 0.00	76.10 -3.58 0.00	81.19 -3.56 0.00	91.01 -4.85 -2.73	93.25 -4.80 -3.92	100.77 -4.47 -8.09	110.96 -4.03 -3.03	93.16 -2.22 -2.79	83.26 -1.92 -1.38	73.37 -2.58 0.00	62.46 -1.80 0.00	55.93 -0.39 0.00
KEDC PORT_JEFF_GT2 24210	57.62 2.43 0.00	53.58 3.83 -0.01	51.51 4.30 -0.01	50.95 4.38 -0.01	50.78 4.11 -0.01	51.81 3.16 -0.01	53.65 3.08 0.00	54.44 1.84 0.00	60.11 2.71 0.17	64.73 3.49 0.00	75.46 4.12 -9.81	290.20 5.55 -220.13	304.03 6.13 -229.80	280.60 7.97 -192.95	308.55 9.66 -214.14	376.44 11.26 -272.06	344.47 11.48 -238.87	368.01 11.75 -259.11	271.84 13.09 -146.79	277.38 10.00 -174.79	280.96 8.38 -188.78	282.01 6.08 -199.98	256.72 4.37 -188.10	132.86 3.27 -73.27
KEDC PORT_JEFF_GT3 24211	57.62 2.43 0.00	53.58 3.83 -0.01	51.51 4.30 -0.01	50.95 4.38 -0.01	50.78 4.11 -0.01	51.81 3.16 -0.01	53.65 3.08 0.00	54.44 1.84 0.00	60.11 2.71 0.17	64.73 3.49 0.00	75.46 4.12 -9.81	290.20 5.55 -220.13	304.03 6.13 -229.80	280.60 7.97 -192.95	308.55 9.66 -214.14	376.44 11.26 -272.06	344.47 11.48 -238.87	368.01 11.75 -259.11	271.84 13.09 -146.79	277.38 10.00 -174.79	280.96 8.38 -188.78	282.01 6.08 -199.98	256.72 4.37 -188.10	132.86 3.27 -73.27
KEDC_GLWD_GT4 24219	57.84 2.65 0.00	52.87 3.14 0.00	50.47 3.25 -0.01	49.97 3.40 -0.01	49.80 3.13 -0.01	51.32 2.67 -0.01	53.34 2.78 0.00	55.28 2.68 0.00	60.92 3.34 0.00	64.54 3.30 0.00	65.47 3.94 0.00	87.68 5.22 -17.94	88.21 5.79 -14.33	100.02 7.57 -12.75	118.31 9.49 -24.08	180.86 11.17 -76.57	278.99 11.38 -173.48	350.18 11.65 -241.37	239.32 12.98 -114.38	170.53 9.72 -68.22	102.73 7.79 -11.13	83.66 5.54 -2.17	70.17 3.86 -2.06	59.15 2.82 -0.01
KEDC_GLWD_GT5 24220	57.84 2.65 0.00	52.87 3.14 0.00	50.47 3.25 -0.01	49.97 3.40 -0.01	49.80 3.13 -0.01	51.32 2.67 -0.01	53.34 2.78 0.00	55.28 2.68 0.00	60.92 3.34 0.00	64.54 3.30 0.00	65.47 3.94 0.00	87.68 5.22 -17.94	88.21 5.79 -14.33	100.02 7.57 -12.75	118.31 9.49 -24.08	180.86 11.17 -76.57	278.99 11.38 -173.48	350.18 11.65 -241.37	239.32 12.98 -114.38	170.53 9.72 -68.22	102.73 7.79 -11.13	83.66 5.54 -2.17	70.17 3.86 -2.06	59.15 2.82 -0.01
KENSICO____ 23655	57.51 2.32 0.00	52.22 2.49 0.00	49.66 2.45 0.00	49.13 2.56 0.00	49.00 2.33 0.00	50.93 2.29 0.00	52.94 2.38 0.00	55.44 2.84 0.00	60.63 3.05 0.00	64.36 3.12 0.00	64.79 3.26 0.00	68.91 4.39 0.00	73.00 4.90 0.00	86.30 6.61 0.00	93.52 8.31 -0.47	124.89 9.87 -21.89	134.27 10.07 -30.08	165.56 10.30 -58.11	145.57 11.42 -22.19	120.65 8.52 -19.54	101.77 6.87 -11.09	80.66 4.71 0.00	67.21 2.96 0.00	58.63 2.31 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	57.73 2.54 0.00	52.32 2.59 0.00	49.71 2.50 0.00	49.13 2.56 0.00	49.00 2.33 0.00	51.02 2.38 0.00	52.99 2.43 0.00	55.44 2.84 0.00	60.69 3.11 0.00	64.30 3.06 0.00	64.66 3.14 0.00	68.52 4.00 0.00	72.66 4.56 0.00	85.98 6.30 0.00	92.01 7.88 0.62	118.66 9.41 -16.13	127.09 9.79 -23.17	155.27 10.30 -47.82	135.33 11.53 -11.84	113.48 8.80 -12.09	95.26 7.29 -4.17	81.42 5.47 0.00	67.79 3.53 0.00	59.08 2.76 0.00

KIAC_JFK_GT1 23816	58.00 2.81 0.00	52.62 2.88 0.00	49.99 2.79 0.00	49.50 2.93 0.00	49.37 2.71 0.00	51.36 2.72 0.00	53.44 2.88 0.00	56.12 3.52 0.00	61.55 3.97 0.00	65.28 4.04 0.00	65.22 3.69 0.00	69.36 4.84 0.00	73.41 5.31 0.00	86.94 7.25 0.00	95.55 9.41 -1.40	129.25 11.36 -24.76	141.46 11.58 -35.76	175.43 11.95 -66.32	152.33 13.21 -27.16	124.97 9.81 -22.56	102.80 7.88 -11.12	81.12 5.16 0.00	67.85 3.60 0.00	59.20 2.87 0.00
KIAC_JFK_GT2 23817	58.00 2.81 0.00	52.62 2.88 0.00	49.99 2.79 0.00	49.50 2.93 0.00	49.37 2.71 0.00	51.36 2.72 0.00	53.44 2.88 0.00	56.12 3.52 0.00	61.55 3.97 0.00	65.28 4.04 0.00	65.22 3.69 0.00	69.36 4.84 0.00	73.41 5.31 0.00	86.94 7.25 0.00	95.55 9.41 -1.40	129.25 11.36 -24.76	141.46 11.58 -35.76	175.43 11.95 -66.32	152.33 13.21 -27.16	124.97 9.81 -22.56	102.80 7.88 -11.12	81.12 5.16 0.00	67.85 3.60 0.00	59.20 2.87 0.00
KIAC_JFK____ 323774	58.00 2.81 0.00	52.62 2.88 0.00	49.99 2.78 0.00	49.50 2.94 0.00	49.37 2.71 0.00	51.17 2.53 0.00	53.44 2.88 0.00	55.91 3.32 0.00	61.55 3.97 0.00	65.28 4.04 0.00	65.22 3.69 0.00	69.36 4.84 0.00	73.41 5.32 0.00	86.86 7.17 0.00	95.55 9.41 -1.40	129.24 11.36 -24.76	141.45 11.57 -35.76	175.42 11.95 -66.32	152.22 13.09 -27.16	124.96 9.81 -22.56	102.63 7.70 -11.12	80.97 5.01 0.00	68.05 3.79 0.00	59.19 2.87 0.00
KINTIGH__24_KV_GSU 356498	53.48 -1.71 0.00	47.84 -1.89 0.00	45.22 -1.98 0.00	44.28 -2.28 0.00	44.33 -2.33 0.00	46.06 -2.58 0.00	47.88 -2.68 0.00	49.44 -3.15 0.00	54.35 -3.22 0.00	58.55 -2.69 0.00	58.63 -2.89 0.00	61.68 -2.84 0.00	65.30 -2.80 0.00	75.38 -4.30 0.00	80.43 -4.32 0.00	90.53 -4.85 -2.25	92.46 -4.90 -3.24	99.37 -4.47 -6.68	108.46 -5.94 -2.44	91.41 -3.42 -2.24	81.90 -3.01 -1.11	72.46 -3.49 0.00	61.75 -2.51 0.00	55.25 -1.07 0.00
KINTIGH____ 23543	53.48 -1.71 0.00	47.79 -1.94 0.00	45.22 -1.98 0.00	44.24 -2.33 0.00	44.33 -2.33 0.00	46.01 -2.63 0.00	47.88 -2.68 0.00	48.91 -3.68 0.00	54.35 -3.22 0.00	58.54 -2.69 0.00	58.57 -2.95 0.00	61.68 -2.84 0.00	65.31 -2.79 0.00	75.38 -4.30 0.00	80.43 -4.32 0.00	90.53 -4.84 -2.25	92.46 -4.89 -3.24	99.36 -4.47 -6.68	108.57 -5.82 -2.44	91.32 -3.52 -2.24	81.98 -2.93 -1.11	72.46 -3.49 0.00	61.43 -2.83 0.00	55.25 -1.07 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	54.69 -0.50 0.00	49.44 -0.30 0.00	47.16 -0.05 0.00	46.47 -0.09 0.00	46.81 0.14 0.00	48.54 -0.10 0.00	50.51 -0.05 0.00	52.07 -0.53 0.00	56.94 -0.63 0.00	60.44 -0.80 0.00	60.72 -0.80 0.00	63.10 -1.42 0.00	66.60 -1.50 0.00	77.78 -1.91 0.00	81.27 -3.31 0.17	88.25 -3.54 1.34	88.99 -3.67 1.46	91.42 -3.89 1.85	103.49 -4.59 3.88	88.26 -3.06 1.28	81.48 -2.18 0.14	74.66 -1.29 0.00	63.74 -0.51 0.00	55.76 -0.56 0.00
LACHUTE____HYDRO 323717	60.98 5.79 0.00	54.81 5.08 0.00	51.69 4.49 0.00	50.80 4.24 0.00	50.82 4.15 0.00	53.06 4.43 0.00	55.37 4.81 0.00	57.33 4.74 0.00	62.87 5.29 0.00	66.75 5.51 0.00	66.51 4.98 0.00	69.56 5.04 0.00	73.07 4.97 0.00	85.35 5.66 0.00	96.07 6.95 -4.38	142.55 7.36 -42.07	156.61 7.62 -54.87	203.04 8.64 -97.24	240.42 11.53 -116.93	201.56 9.63 -99.34	155.16 9.05 -62.31	83.62 7.67 0.00	71.26 7.00 0.00	62.13 5.80 0.00
LAWRNCV_115KV_TB1 80681	55.46 0.28 0.00	49.88 0.15 0.00	47.25 0.05 0.00	46.61 0.05 0.00	46.99 0.33 0.00	49.13 0.49 0.00	51.07 0.51 0.00	52.91 0.32 0.00	57.58 0.00 0.00	60.93 -0.31 0.00	60.72 -0.80 0.00	62.84 -1.68 0.00	66.33 -1.77 0.00	77.38 -2.31 0.00	79.05 -4.49 1.21	78.59 -5.21 9.32	78.57 -5.37 10.19	78.62 -5.63 12.90	78.65 -6.27 27.04	78.88 -4.81 8.90	79.14 -3.69 0.97	74.59 -1.37 0.00	63.87 -0.39 0.00	56.27 -0.06 0.00
LEDERLE____ 23769	57.40 2.21 0.00	52.07 2.34 0.00	49.47 2.27 0.00	48.94 2.37 0.00	48.81 2.15 0.00	50.78 2.14 0.00	52.89 2.33 0.00	55.44 2.84 0.00	60.74 3.17 0.00	64.42 3.18 0.00	64.85 3.32 0.00	68.91 4.39 0.00	73.00 4.90 0.00	86.30 6.61 0.00	93.47 8.31 -0.42	123.80 9.78 -20.90	132.87 9.98 -28.77	163.11 10.20 -55.76	144.39 11.31 -21.12	119.76 8.52 -18.66	101.18 6.87 -10.51	80.82 4.86 0.00	67.34 3.08 0.00	58.75 2.42 0.00
LIGHTHSE_115KV_TB6 355974	55.19 0.00 0.00	49.68 -0.05 0.00	47.16 -0.05 0.00	46.28 -0.28 0.00	46.48 -0.19 0.00	48.44 -0.19 0.00	50.41 -0.15 0.00	52.44 -0.16 0.00	57.35 -0.23 0.00	61.06 -0.18 0.00	60.85 -0.68 0.00	63.88 -0.65 0.00	67.42 -0.68 0.00	78.81 -0.88 0.00	84.07 -0.76 -0.09	94.17 -0.84 -1.88	95.84 -0.75 -2.47	100.90 -0.78 -4.53	113.65 -0.22 -1.92	93.31 0.09 -0.63	84.62 0.75 -0.07	76.26 0.30 0.00	64.26 0.00 0.00	56.44 0.11 0.00
LINDEN COGEN____ 23786	52.55 2.37 5.01	52.19 2.49 0.03	49.65 2.45 0.01	49.16 2.61 0.01	49.04 2.38 0.01	50.76 2.14 0.02	52.24 2.38 0.70	52.56 2.68 2.72	52.64 3.22 8.16	52.50 3.18 11.92	52.88 3.14 11.78	54.14 4.26 14.63	56.15 4.70 16.64	67.71 6.29 18.27	82.42 8.31 10.64	104.90 10.15 -1.63	108.10 10.26 -3.72	144.71 10.50 -37.06	124.45 11.43 -1.06	98.38 8.42 2.64	77.21 6.45 13.04	63.13 4.17 17.00	53.62 2.89 13.53	52.51 2.14 5.96
LINDHRST_69_KV_BK1 356055	58.01 2.81 0.00	53.96 4.23 0.00	51.50 4.30 0.00	50.99 4.42 0.00	50.82 4.15 0.00	52.82 4.18 0.00	53.90 3.34 0.00	56.01 3.42 0.00	60.87 3.34 0.04	65.35 4.10 -0.01	67.35 5.11 -0.72	95.96 6.45 -24.99	99.19 7.15 -23.94	109.39 9.24 -20.45	132.99 11.10 -37.14	194.29 13.04 -88.13	280.11 13.37 -172.62	335.29 13.80 -224.34	229.93 15.56 -102.41	169.76 11.94 -65.22	117.90 9.89 -24.21	99.12 7.37 -15.80	84.16 5.08 -14.83	65.78 4.06 -5.40
LIPA_MISC_IPP 23656	57.62 2.43 0.00	53.87 4.13 -0.01	51.45 4.25 0.00	50.85 4.28 0.00	50.73 4.06 0.00	52.73 4.09 0.00	53.65 3.08 0.00	55.59 3.00 0.00	60.39 2.94 0.12	65.04 3.80 0.00	74.60 4.80 -8.28	256.85 6.13 -186.19	269.09 6.74 -194.25	251.49 8.69 -163.12	279.36 10.42 -184.19	345.88 11.92 -240.83	333.53 12.05 -227.36	353.15 12.44 -243.56	258.52 14.00 -132.57	258.56 10.83 -155.14	254.25 9.47 -160.98	251.85 7.14 -168.75	227.86 4.88 -158.72	122.18 4.06 -61.80
LISF____SOLAR 323691	57.84 2.65 0.00	53.72 3.98 -0.01	51.60 4.39 -0.01	51.00 4.43 -0.01	50.83 4.15 -0.01	51.91 3.26 -0.01	53.80 3.24 0.00	54.80 2.21 0.00	60.56 3.11 0.13	65.17 3.92 0.00	74.90 4.98 -8.39	259.79 6.39 -188.88	272.17 7.02 -197.05	254.08 8.92 -165.47	282.04 10.76 -186.52	348.78 12.39 -243.27	334.92 12.52 -228.27	355.43 12.92 -245.35	260.59 14.55 -134.08	260.60 11.29 -156.72	256.67 9.72 -163.15	254.36 7.22 -171.19	230.67 5.40 -161.01	123.30 4.28 -62.69
LITTLE FALLS____HYD 24013	54.36 -0.83 0.00	48.99 -0.75 0.00	46.50 -0.71 0.00	45.87 -0.70 0.00	46.01 -0.65 0.00	47.96 -0.68 0.00	49.91 -0.66 0.00	51.91 -0.68 0.00	56.77 -0.81 0.00	60.38 -0.86 0.00	60.60 -0.92 0.00	63.62 -0.90 0.00	67.15 -0.95 0.00	78.65 -1.04 0.00	83.81 -0.93 0.00	92.19 -0.93 0.00	92.90 -1.22 0.00	95.89 -1.26 0.00	110.73 -1.23 0.00	91.29 -1.30 0.00	82.71 -1.09 0.00	74.82 -1.14 0.00	63.29 -0.96 0.00	55.48 -0.84 0.00

LITTLRIV_115KV_TB1 356100	56.29 1.10 0.00	50.58 0.85 0.00	47.91 0.71 0.00	47.22 0.65 0.00	47.65 0.98 0.00	49.90 1.26 0.00	51.83 1.26 0.00	53.60 1.00 0.00	58.21 0.63 0.00	61.55 0.31 0.00	61.28 -0.25 0.00	63.36 -1.16 0.00	66.81 -1.29 0.00	77.93 -1.75 0.00	79.64 -3.90 1.21	79.34 -4.47 9.32	79.51 -4.42 10.19	79.69 -4.57 12.89	80.10 -4.81 27.04	80.27 -3.43 8.90	80.57 -2.26 0.97	75.80 -0.15 0.00	64.83 0.58 0.00	57.06 0.73 0.00
LI_NEWBRDGE___DRP 323616	57.01 1.82 0.00	52.82 3.08 0.00	50.41 3.21 0.00	49.92 3.35 0.00	49.79 3.13 0.00	51.70 3.06 0.00	52.89 2.33 0.00	55.02 2.42 0.00	59.88 2.30 0.00	64.06 2.82 0.00	65.22 3.69 0.00	70.45 4.97 -0.96	74.32 5.45 -0.77	87.63 7.25 -0.69	116.09 8.90 -22.45	175.20 10.43 -71.64	268.41 10.64 -163.65	318.36 10.98 -210.23	212.95 12.20 -88.78	147.80 9.17 -46.05	102.55 7.63 -11.12	81.47 5.39 -0.12	68.00 3.66 -0.08	59.13 2.82 0.01
LOCKPORT_115KV_TB60_63_64 80432	53.48 -1.71 0.00	47.74 -1.99 0.00	45.08 -2.12 0.00	44.10 -2.47 0.00	44.15 -2.52 0.00	45.82 -2.82 0.00	47.33 -3.24 0.00	48.07 -4.52 0.00	53.78 -3.80 0.00	58.06 -3.18 0.00	57.83 -3.69 0.00	60.84 -3.68 0.00	64.29 -3.81 0.00	73.87 -5.82 0.00	78.81 -5.93 0.00	88.41 -7.17 -2.45	90.40 -7.25 -3.52	97.61 -6.80 -7.26	107.15 -7.50 -2.69	90.07 -5.00 -2.48	80.76 -4.27 -1.23	71.32 -4.63 0.00	60.59 -3.66 0.00	54.86 -1.46 0.00
LOCKPORT___CC1 323769	53.31 -1.88 0.00	47.60 -2.14 0.00	44.94 -2.26 0.00	43.68 -2.89 0.00	43.73 -2.94 0.00	45.38 -3.26 0.00	47.22 -3.34 0.00	48.60 -4.00 0.00	53.61 -3.97 0.00	57.87 -3.37 0.00	57.65 -3.87 0.00	60.65 -3.87 0.00	64.08 -4.02 0.00	73.63 -6.06 0.00	78.56 -6.18 0.00	88.15 -7.45 -2.47	90.15 -7.53 -3.56	97.30 -7.19 -7.33	106.84 -7.84 -2.72	89.82 -5.27 -2.51	80.52 -4.53 -1.24	71.09 -4.86 0.00	60.79 -3.47 0.00	54.69 -1.64 0.00
LOCKPORT___CC2 323770	53.31 -1.88 0.00	47.60 -2.14 0.00	44.94 -2.26 0.00	43.68 -2.89 0.00	43.73 -2.94 0.00	45.38 -3.26 0.00	47.22 -3.34 0.00	48.60 -4.00 0.00	53.61 -3.97 0.00	57.87 -3.37 0.00	57.65 -3.87 0.00	60.65 -3.87 0.00	64.08 -4.02 0.00	73.63 -6.06 0.00	78.56 -6.18 0.00	88.15 -7.45 -2.47	90.15 -7.53 -3.56	97.30 -7.19 -7.33	106.84 -7.84 -2.72	89.82 -5.27 -2.51	80.52 -4.53 -1.24	71.09 -4.86 0.00	60.79 -3.47 0.00	54.69 -1.64 0.00
LOCKPORT___CC3 323771	53.31 -1.88 0.00	47.60 -2.14 0.00	44.94 -2.26 0.00	43.68 -2.89 0.00	43.73 -2.94 0.00	45.38 -3.26 0.00	47.22 -3.34 0.00	48.60 -4.00 0.00	53.61 -3.97 0.00	57.87 -3.37 0.00	57.65 -3.87 0.00	60.65 -3.87 0.00	64.08 -4.02 0.00	73.63 -6.06 0.00	78.56 -6.18 0.00	88.15 -7.45 -2.47	90.15 -7.53 -3.56	97.30 -7.19 -7.33	106.84 -7.84 -2.72	89.82 -5.27 -2.51	80.52 -4.53 -1.24	71.09 -4.86 0.00	60.79 -3.47 0.00	54.69 -1.64 0.00
LOCUSVLY_69_KV_BK2 55797	57.73 2.54 0.00	53.17 3.43 0.00	50.74 3.54 0.00	50.24 3.68 0.00	50.12 3.45 0.00	52.04 3.40 0.00	53.34 2.78 0.00	55.70 3.10 0.00	60.74 3.17 0.00	64.79 3.55 0.00	65.95 4.43 0.00	85.13 5.87 -14.74	86.34 6.47 -11.77	98.69 8.53 -10.48	118.76 10.42 -23.59	180.42 12.20 -75.09	277.08 12.42 -170.53	343.81 12.73 -233.93	234.66 14.11 -108.60	166.79 10.74 -63.46	103.72 8.80 -11.12	84.12 6.38 -1.78	70.12 4.18 -1.69	59.60 3.27 -0.01
LONG_LAKE_PHOENIX 24014	54.25 -0.94 0.00	48.84 -0.90 0.00	46.35 -0.85 0.00	45.54 -1.02 0.00	45.64 -1.03 0.00	47.52 -1.12 0.00	49.50 -1.06 0.00	51.49 -1.10 0.00	56.48 -1.09 0.00	60.20 -1.04 0.00	60.54 -0.98 0.00	63.55 -0.97 0.00	67.15 -0.95 0.00	78.49 -1.20 0.00	83.84 -0.93 -0.03	93.56 -1.12 -1.55	95.24 -1.04 -2.15	100.44 -0.97 -4.25	111.59 -1.01 -0.64	92.24 -0.56 -0.21	83.32 -0.50 -0.02	75.12 -0.84 0.00	63.29 -0.96 0.00	55.54 -0.79 0.00
LOVETT___3 23632	57.12 1.93 0.00	51.82 2.09 0.00	49.28 2.08 0.00	48.75 2.19 0.00	48.63 1.96 0.00	50.58 1.95 0.00	52.53 1.97 0.00	55.02 2.42 0.00	60.23 2.65 0.00	63.87 2.63 0.00	64.29 2.77 0.00	68.33 3.81 0.00	72.32 4.22 0.00	85.51 5.82 0.00	92.55 7.37 -0.43	123.01 8.75 -21.13	132.23 9.04 -29.07	162.68 9.23 -56.30	143.50 10.19 -21.36	119.03 7.59 -18.85	100.47 6.03 -10.64	80.06 4.10 0.00	66.70 2.44 0.00	58.24 1.92 0.00
LOVETT___4 23642	57.12 1.93 0.00	51.82 2.09 0.00	49.28 2.08 0.00	48.75 2.19 0.00	48.63 1.96 0.00	50.58 1.95 0.00	52.53 1.97 0.00	55.02 2.42 0.00	60.23 2.65 0.00	63.87 2.63 0.00	64.29 2.77 0.00	68.33 3.81 0.00	72.32 4.22 0.00	85.51 5.82 0.00	92.55 7.37 -0.43	123.01 8.75 -21.13	132.23 9.04 -29.07	162.68 9.23 -56.30	143.50 10.19 -21.36	119.03 7.59 -18.85	100.47 6.03 -10.64	80.06 4.10 0.00	66.70 2.44 0.00	58.24 1.92 0.00
LOVETT___5 23593	57.12 1.93 0.00	51.82 2.09 0.00	49.28 2.08 0.00	48.75 2.19 0.00	48.63 1.96 0.00	50.58 1.95 0.00	52.53 1.97 0.00	55.02 2.42 0.00	60.23 2.65 0.00	63.87 2.63 0.00	64.29 2.77 0.00	68.33 3.81 0.00	72.32 4.22 0.00	85.51 5.82 0.00	92.55 7.37 -0.43	123.01 8.75 -21.13	132.23 9.04 -29.07	162.68 9.23 -56.30	143.50 10.19 -21.36	119.03 7.59 -18.85	100.47 6.03 -10.64	80.06 4.10 0.00	66.70 2.44 0.00	58.24 1.92 0.00
LOWER RAQUET___HYD 24057	55.52 0.33 0.00	49.88 0.15 0.00	47.30 0.09 0.00	46.61 0.05 0.00	47.00 0.33 0.00	49.18 0.54 0.00	51.12 0.56 0.00	53.02 0.42 0.00	57.58 0.00 0.00	60.87 -0.37 0.00	60.54 -0.99 0.00	62.59 -1.93 0.00	66.06 -2.04 0.00	77.13 -2.55 0.00	78.71 -4.83 1.21	78.12 -5.68 9.32	78.19 -5.74 10.19	78.24 -6.02 12.89	78.21 -6.71 27.04	78.51 -5.18 8.90	78.98 -3.85 0.97	74.51 -1.45 0.00	63.55 -0.71 0.00	56.21 -0.11 0.00
LOWER___HUDSON 24059	57.40 2.21 0.00	51.87 2.14 0.00	49.23 2.03 0.00	48.56 2.00 0.00	48.49 1.82 0.00	50.59 1.95 0.00	52.64 2.07 0.00	54.81 2.21 0.00	59.88 2.31 0.00	63.69 2.45 0.00	63.86 2.34 0.00	67.36 2.84 0.00	71.17 3.07 0.00	83.51 3.82 0.00	97.20 4.91 -7.54	156.27 5.40 -57.75	172.79 5.55 -73.11	225.59 5.83 -122.61	258.55 6.94 -139.64	212.34 5.55 -114.20	167.74 4.86 -79.08	79.75 3.80 0.00	67.28 3.02 0.00	58.58 2.26 0.00
LOWVILLE_115KV_TB2 356335	57.23 2.04 0.00	51.52 1.79 0.00	48.86 1.65 0.00	47.96 1.40 0.00	48.25 1.59 0.00	50.39 1.75 0.00	52.43 1.87 0.00	54.44 1.84 0.00	59.30 1.73 0.00	63.02 1.78 0.00	62.02 0.49 0.00	64.97 0.45 0.00	68.64 0.54 0.00	80.33 0.64 0.00	85.50 0.51 -0.25	96.31 0.65 -2.54	98.25 1.13 -2.99	102.93 1.26 -4.51	120.29 2.80 -5.53	96.63 2.22 -1.82	87.60 3.60 -0.20	79.15 3.19 0.00	66.57 2.31 0.00	58.30 1.97 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	58.33 3.15 0.00	52.62 2.88 0.00	49.89 2.69 0.00	49.17 2.61 0.00	49.14 2.47 0.00	51.22 2.58 0.00	53.34 2.78 0.00	55.49 2.89 0.00	60.63 3.05 0.00	64.42 3.18 0.00	64.48 2.95 0.00	67.81 3.29 0.00	71.50 3.40 0.00	83.91 4.22 0.00	94.55 5.17 -4.63	142.12 5.68 -43.32	156.28 5.84 -56.32	202.72 6.32 -99.25	238.50 7.73 -118.82	199.47 6.30 -100.59	153.19 5.70 -63.69	80.66 4.71 0.00	68.05 3.79 0.00	59.48 3.15 0.00

LUTHERNY_35_KV_BK2 355980	58.39 3.20 0.00	52.67 2.93 0.00	49.94 2.74 0.00	49.22 2.65 0.00	49.14 2.47 0.00	51.27 2.63 0.00	53.39 2.83 0.00	55.54 2.95 0.00	60.69 3.11 0.00	64.49 3.25 0.00	64.54 3.01 0.00	67.88 3.36 0.00	71.57 3.47 0.00	83.91 4.22 0.00	94.63 5.25 -4.63	142.21 5.77 -43.32	156.37 5.93 -56.32	202.82 6.41 -99.25	238.61 7.84 -118.82	199.56 6.39 -100.59	153.27 5.78 -63.69	80.74 4.79 0.00	68.11 3.86 0.00	59.53 3.21 0.00
LWR___OSWEGATCHIE_HYD 23850	56.24 1.05 0.00	50.58 0.85 0.00	47.96 0.76 0.00	47.12 0.56 0.00	47.46 0.79 0.00	49.61 0.97 0.00	51.62 1.06 0.00	53.54 0.95 0.00	58.33 0.75 0.00	61.79 0.55 0.00	60.91 -0.62 0.00	63.49 -1.03 0.00	67.01 -1.09 0.00	78.33 -1.35 0.00	83.23 -2.37 -0.86	97.17 -2.98 -7.03	99.23 -2.73 -7.83	104.75 -2.82 -10.41	128.87 -2.24 -19.15	97.13 -1.76 -6.30	84.32 -0.17 -0.69	76.64 0.68 0.00	65.09 0.84 0.00	57.17 0.84 0.00
LYONS_FALL_HYD 23570	57.01 1.82 0.00	51.33 1.59 0.00	48.71 1.51 0.00	47.87 1.30 0.00	48.12 1.45 0.00	50.20 1.56 0.00	52.23 1.67 0.00	54.33 1.73 0.00	59.25 1.67 0.00	63.02 1.78 0.00	62.51 0.98 0.00	65.55 1.03 0.00	69.26 1.16 0.00	81.12 1.44 0.00	86.35 1.44 -0.16	96.64 1.68 -1.84	98.50 2.17 -2.21	102.74 2.13 -3.46	119.09 3.47 -3.66	96.48 2.69 -1.20	87.37 3.44 -0.13	78.91 2.96 0.00	66.44 2.19 0.00	58.13 1.80 0.00
MADISON___COUNTY_LFGE 323628	56.90 1.71 0.00	51.28 1.54 0.00	48.67 1.46 0.00	47.82 1.26 0.00	48.02 1.35 0.00	50.05 1.41 0.00	52.08 1.52 0.00	54.23 1.63 0.00	59.36 1.78 0.00	63.20 1.96 0.00	63.25 1.72 0.00	66.46 1.94 0.00	70.28 2.18 0.00	82.40 2.71 0.00	87.85 3.05 -0.05	97.82 3.35 -1.35	99.69 3.76 -1.80	104.33 3.79 -3.39	118.10 5.04 -1.10	96.93 3.98 -0.36	87.70 3.85 -0.04	79.07 3.11 0.00	66.44 2.18 0.00	58.18 1.86 0.00
MALONE___115KV_TB1 356076	55.46 0.28 0.00	49.93 0.20 0.00	47.39 0.19 0.00	46.70 0.14 0.00	47.09 0.42 0.00	49.08 0.44 0.00	51.07 0.51 0.00	52.86 0.26 0.00	57.75 0.17 0.00	61.30 0.06 0.00	61.40 -0.12 0.00	63.75 -0.77 0.00	67.28 -0.82 0.00	78.57 -1.12 0.00	81.54 -2.71 0.49	86.27 -3.07 3.78	86.78 -3.20 4.14	88.52 -3.40 5.24	96.95 -4.03 10.98	86.48 -2.50 3.61	81.90 -1.51 0.39	75.58 -0.38 0.00	64.51 0.26 0.00	56.49 0.17 0.00
MAPLEWOD_115KV_TB3 80458	57.06 1.88 0.00	51.52 1.79 0.00	48.95 1.75 0.00	48.29 1.72 0.00	48.21 1.54 0.00	50.24 1.61 0.00	52.28 1.72 0.00	54.49 1.89 0.00	59.53 1.96 0.00	63.26 2.02 0.00	63.55 2.03 0.00	67.04 2.52 0.00	70.69 2.59 0.00	83.03 3.35 0.00	97.15 4.32 -8.08	158.76 4.84 -60.80	175.67 4.89 -76.65	229.83 5.15 -127.52	253.90 5.93 -136.01	207.12 4.72 -109.81	166.41 4.11 -78.51	79.07 3.11 0.00	66.51 2.25 0.00	58.07 1.75 0.00
MAPLE_RIDGE_WT_1 323574	55.08 -0.11 0.00	49.68 -0.05 0.00	47.16 -0.05 0.00	46.52 -0.05 0.00	46.67 0.00 0.00	48.64 0.00 0.00	50.56 0.00 0.00	52.54 -0.05 0.00	57.52 -0.06 0.00	61.12 -0.12 0.00	61.40 -0.12 0.00	64.26 -0.26 0.00	67.69 -0.41 0.00	79.13 -0.55 0.00	83.90 -0.85 0.00	92.19 -0.93 0.00	93.18 -0.94 0.00	96.18 -0.97 0.00	110.84 -1.12 0.00	91.75 -0.83 0.00	83.13 -0.67 0.00	75.50 -0.45 0.00	64.00 -0.26 0.00	56.21 -0.11 0.00
MAPLE_RIDGE_WT_2 323611	55.08 -0.11 0.00	49.68 -0.05 0.00	47.16 -0.05 0.00	46.52 -0.05 0.00	46.67 0.00 0.00	48.64 0.00 0.00	50.56 0.00 0.00	52.54 -0.05 0.00	57.52 -0.06 0.00	61.12 -0.12 0.00	61.40 -0.12 0.00	64.26 -0.26 0.00	67.69 -0.41 0.00	79.13 -0.55 0.00	83.90 -0.85 0.00	92.19 -0.93 0.00	93.18 -0.94 0.00	96.18 -0.97 0.00	110.84 -1.12 0.00	91.75 -0.83 0.00	83.13 -0.67 0.00	75.50 -0.45 0.00	64.00 -0.26 0.00	56.21 -0.11 0.00
MARBLE_RIVER_WT_PWR 323696	54.58 -0.61 0.00	49.29 -0.45 0.00	46.88 -0.33 0.00	46.24 -0.32 0.00	46.53 -0.14 0.00	48.40 -0.24 0.00	50.31 -0.25 0.00	52.28 -0.31 0.00	56.89 -0.69 0.00	60.44 -0.80 0.00	60.66 -0.86 0.00	63.10 -1.42 0.00	66.54 -1.56 0.00	77.70 -1.99 0.00	81.29 -3.31 0.15	88.36 -3.63 1.13	89.12 -3.77 1.24	91.70 -3.89 1.57	104.07 -4.60 3.29	88.18 -3.33 1.08	81.08 -2.60 0.12	74.44 -1.52 0.00	63.29 -0.96 0.00	55.65 -0.67 0.00
MARSHVLE_115KV_TB1 80742	60.82 5.63 0.00	54.76 5.02 0.00	51.88 4.67 0.00	51.17 4.61 0.00	51.24 4.57 0.00	53.45 4.82 0.00	55.62 5.06 0.00	57.54 4.94 0.00	62.82 5.24 0.00	66.51 5.27 0.00	66.63 5.11 0.00	69.62 5.10 0.00	73.48 5.38 0.00	85.98 6.30 0.00	94.05 7.12 -2.18	134.82 7.82 -33.87	147.51 7.44 -45.95	192.35 8.16 -87.04	210.64 10.52 -88.15	179.26 9.63 -77.04	137.82 9.30 -44.71	83.85 7.90 0.00	71.00 6.75 0.00	62.07 5.75 0.00
MARSH_HILL_WT_PWR 323713	55.35 0.17 0.00	49.54 -0.20 0.00	46.97 -0.23 0.00	45.91 -0.65 0.00	46.06 -0.61 0.00	47.91 -0.73 0.00	49.96 -0.60 0.00	51.97 -0.63 0.00	56.89 -0.69 0.00	60.87 -0.37 0.00	60.79 -0.74 0.00	63.75 -0.77 0.00	67.42 -0.68 0.00	78.26 -1.43 0.00	83.64 -1.10 0.00	94.42 -2.14 -3.43	97.17 -1.88 -4.93	105.88 -1.45 -10.18	115.73 -0.11 -3.88	97.46 1.30 -3.58	87.25 1.68 -1.78	76.71 0.76 0.00	64.83 0.58 0.00	57.22 0.90 0.00
MCINTYRE_115KV_TB2 80467	56.62 1.43 0.00	50.93 1.19 0.00	48.24 1.04 0.00	47.50 0.93 0.00	47.97 1.31 0.00	50.20 1.56 0.00	52.13 1.57 0.00	53.86 1.26 0.00	58.44 0.86 0.00	61.79 0.55 0.00	61.59 0.06 0.00	63.75 -0.77 0.00	67.15 -0.95 0.00	78.33 -1.35 0.00	80.06 -3.47 1.21	79.89 -3.91 9.32	80.26 -3.67 10.19	80.57 -3.69 12.90	81.22 -3.69 27.04	81.28 -2.41 8.90	81.49 -1.34 0.97	76.56 0.61 0.00	65.41 1.16 0.00	57.51 1.18 0.00
MECO_____69_KV_BK1 80468	61.20 6.02 0.00	55.06 5.32 0.00	52.16 4.96 0.00	51.41 4.84 0.00	51.47 4.81 0.00	53.70 5.06 0.00	55.97 5.41 0.00	57.96 5.36 0.00	63.28 5.70 0.00	67.00 5.76 0.00	67.12 5.60 0.00	70.01 5.48 0.00	73.82 5.72 0.00	86.30 6.61 0.00	94.72 7.63 -2.35	135.32 8.47 -33.72	148.13 8.47 -45.54	192.10 9.33 -85.62	217.97 11.76 -94.25	185.21 10.28 -82.34	141.28 9.64 -47.84	84.31 8.36 0.00	71.39 7.13 0.00	62.35 6.03 0.00
MENANDS___115KV_TB5 355628	56.62 1.43 0.00	51.18 1.44 0.00	48.62 1.42 0.00	48.01 1.44 0.00	47.93 1.26 0.00	49.95 1.31 0.00	51.93 1.37 0.00	54.17 1.58 0.00	59.19 1.61 0.00	62.89 1.65 0.00	63.19 1.66 0.00	66.65 2.13 0.00	70.35 2.25 0.00	82.64 2.95 0.00	95.69 3.90 -7.05	152.28 4.28 -54.87	168.16 4.33 -69.71	219.40 4.57 -117.68	241.01 5.26 -123.79	197.19 4.07 -100.53	158.16 3.52 -70.84	78.54 2.58 0.00	66.06 1.80 0.00	57.62 1.30 0.00
MG INDUSTRY___DRP 24185	56.68 1.49 0.00	51.23 1.49 0.00	48.71 1.51 0.00	48.10 1.54 0.00	48.02 1.35 0.00	50.00 1.36 0.00	51.93 1.37 0.00	54.02 1.42 0.00	58.96 1.38 0.00	62.59 1.35 0.00	62.82 1.29 0.00	66.20 1.68 0.00	69.67 1.57 0.00	80.33 0.64 0.00	78.46 1.36 7.64	68.37 1.49 26.24	70.28 1.51 25.35	81.92 1.65 16.89	71.75 2.02 42.23	69.93 1.57 24.23	50.40 1.34 34.74	76.71 0.76 0.00	64.58 0.32 0.00	56.44 0.11 0.00

MID___OSWEGATCHIE_HYD 23849	56.24 1.05 0.00	50.58 0.85 0.00	47.96 0.76 0.00	47.12 0.56 0.00	47.46 0.79 0.00	49.61 0.97 0.00	51.62 1.06 0.00	53.54 0.95 0.00	58.33 0.75 0.00	61.79 0.55 0.00	60.91 -0.62 0.00	63.49 -1.03 0.00	67.01 -1.09 0.00	78.33 -1.35 0.00	83.23 -2.37 -0.86	97.17 -2.98 -7.03	99.23 -2.73 -7.83	104.75 -2.82 -10.41	128.87 -2.24 -19.15	97.13 -1.76 -6.30	84.32 -0.17 -0.69	76.64 0.68 0.00	65.09 0.84 0.00	57.17 0.84 0.00
MID___RAQUETTE_HYD 23851	55.52 0.33 0.00	49.88 0.15 0.00	47.30 0.09 0.00	46.61 0.05 0.00	46.99 0.33 0.00	49.17 0.54 0.00	51.12 0.56 0.00	52.91 0.32 0.00	57.58 0.00 0.00	60.87 -0.37 0.00	60.54 -0.98 0.00	62.65 -1.87 0.00	66.06 -2.04 0.00	77.06 -2.63 0.00	78.71 -4.83 1.21	78.13 -5.68 9.32	78.19 -5.74 10.19	78.24 -6.02 12.89	78.20 -6.72 27.04	78.51 -5.19 8.90	78.89 -3.94 0.97	74.44 -1.52 0.00	63.81 -0.45 0.00	56.21 -0.11 0.00
MILLIKEN___1 23584	56.18 0.99 0.00	50.53 0.80 0.00	47.96 0.76 0.00	47.08 0.51 0.00	47.18 0.51 0.00	49.13 0.49 0.00	51.17 0.61 0.00	53.23 0.63 0.00	58.38 0.81 0.00	62.22 0.98 0.00	62.45 0.92 0.00	65.62 1.10 0.00	69.32 1.23 0.00	80.96 1.28 0.00	86.44 1.69 0.00	98.18 1.68 -3.38	100.96 1.98 -4.86	109.51 2.33 -10.03	119.26 3.36 -3.94	99.37 3.15 -3.63	88.54 2.93 -1.80	78.08 2.13 0.00	65.61 1.35 0.00	57.56 1.24 0.00
MILLIKEN___2 23585	56.18 0.99 0.00	50.53 0.80 0.00	47.96 0.76 0.00	47.08 0.51 0.00	47.18 0.51 0.00	49.13 0.49 0.00	51.17 0.61 0.00	53.23 0.63 0.00	58.38 0.81 0.00	62.22 0.98 0.00	62.45 0.92 0.00	65.62 1.10 0.00	69.32 1.23 0.00	80.96 1.28 0.00	86.44 1.69 0.00	98.18 1.68 -3.38	100.96 1.98 -4.86	109.51 2.33 -10.03	119.26 3.36 -3.94	99.37 3.15 -3.63	88.54 2.93 -1.80	78.08 2.13 0.00	65.61 1.35 0.00	57.56 1.24 0.00
MILLIKEN___DIESEL 23629	56.18 0.99 0.00	50.53 0.80 0.00	47.96 0.76 0.00	47.08 0.51 0.00	47.18 0.51 0.00	49.13 0.49 0.00	51.17 0.61 0.00	53.23 0.63 0.00	58.38 0.81 0.00	62.22 0.98 0.00	62.45 0.92 0.00	65.62 1.10 0.00	69.32 1.23 0.00	80.96 1.28 0.00	86.44 1.69 0.00	98.18 1.68 -3.38	100.96 1.98 -4.86	109.51 2.33 -10.03	119.26 3.36 -3.94	99.37 3.15 -3.63	88.54 2.93 -1.80	78.08 2.13 0.00	65.61 1.35 0.00	57.56 1.24 0.00
MILLSEAT___LFGE 323607	54.80 -0.38 0.00	48.84 -0.89 0.00	46.17 -1.04 0.00	44.79 -1.77 0.00	44.85 -1.82 0.00	46.64 -2.00 0.00	48.49 -2.08 0.00	50.13 -2.47 0.00	55.21 -2.36 0.00	59.65 -1.59 0.00	59.50 -2.03 0.00	62.39 -2.13 0.00	65.99 -2.11 0.00	75.94 -3.74 0.00	81.11 -3.64 0.00	91.20 -4.28 -2.36	92.91 -4.61 -3.39	99.78 -4.37 -7.00	110.06 -4.48 -2.58	92.56 -2.41 -2.38	83.06 -1.92 -1.18	73.45 -2.50 0.00	62.65 -1.60 0.00	56.16 -0.17 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	57.40 2.21 0.00	52.12 2.39 0.00	49.52 2.31 0.00	49.03 2.47 0.00	48.91 2.24 0.00	50.83 2.19 0.00	52.79 2.22 0.00	55.28 2.68 0.00	60.51 2.94 0.00	64.24 3.00 0.00	64.66 3.14 0.00	68.72 4.19 0.00	72.73 4.63 0.00	85.98 6.30 0.00	93.18 7.97 -0.47	124.32 9.41 -21.79	133.76 9.69 -29.94	164.92 9.91 -57.86	145.01 10.97 -22.08	120.19 8.15 -19.45	101.37 6.54 -11.04	80.51 4.56 0.00	67.08 2.83 0.00	58.52 2.20 0.00
MILLWOOD_13_KV_LOAD 356217	57.62 2.43 0.00	52.27 2.54 0.00	49.66 2.45 0.00	49.17 2.61 0.00	49.05 2.38 0.00	50.97 2.33 0.00	52.94 2.38 0.00	55.44 2.84 0.00	60.69 3.11 0.00	64.42 3.18 0.00	64.85 3.32 0.00	68.97 4.45 0.00	73.14 5.04 0.00	86.46 6.77 0.00	93.60 8.39 -0.47	124.88 9.96 -21.79	134.32 10.26 -29.94	165.60 10.59 -57.86	145.80 11.76 -22.08	120.75 8.70 -19.45	101.88 7.04 -11.04	80.82 4.86 0.00	67.28 3.02 0.00	58.69 2.37 0.00
MODEL_CITY_ENERGY 24167	53.15 -2.04 0.00	47.45 -2.29 0.00	44.85 -2.36 0.00	43.40 -3.17 0.00	43.45 -3.22 0.00	45.09 -3.55 0.00	46.97 -3.59 0.00	48.23 -4.36 0.00	52.68 -4.89 0.00	56.89 -4.35 0.00	56.79 -4.74 0.00	59.81 -4.71 0.00	63.81 -4.29 0.00	73.31 -6.38 0.00	78.22 -6.52 0.00	87.83 -7.82 -2.53	89.85 -7.91 -3.63	97.06 -7.58 -7.49	106.31 -8.40 -2.74	89.38 -5.74 -2.53	80.03 -5.03 -1.25	70.72 -5.24 0.00	60.40 -3.85 0.00	54.41 -1.92 0.00
MODERN_LFGE___ 323580	53.15 -2.04 0.00	47.45 -2.29 0.00	44.85 -2.36 0.00	43.40 -3.17 0.00	43.45 -3.22 0.00	45.09 -3.55 0.00	46.97 -3.59 0.00	48.23 -4.36 0.00	52.68 -4.89 0.00	56.89 -4.35 0.00	56.79 -4.74 0.00	59.81 -4.71 0.00	63.81 -4.29 0.00	73.31 -6.38 0.00	78.22 -6.52 0.00	87.83 -7.82 -2.53	89.85 -7.91 -3.63	97.06 -7.58 -7.49	106.31 -8.40 -2.74	89.38 -5.74 -2.53	80.03 -5.03 -1.25	70.72 -5.24 0.00	60.40 -3.85 0.00	54.41 -1.92 0.00
MOHAWK_PAPER___DRP 24187	57.06 1.88 0.00	51.52 1.79 0.00	48.95 1.75 0.00	48.29 1.72 0.00	48.21 1.54 0.00	50.24 1.61 0.00	52.28 1.72 0.00	54.49 1.89 0.00	59.53 1.96 0.00	63.26 2.02 0.00	63.55 2.03 0.00	67.04 2.52 0.00	70.69 2.59 0.00	83.03 3.35 0.00	97.15 4.32 -8.08	158.76 4.84 -60.80	175.67 4.89 -76.65	229.83 5.15 -127.52	253.90 5.93 -136.01	207.12 4.72 -109.81	166.41 4.11 -78.51	79.07 3.11 0.00	66.51 2.25 0.00	58.07 1.75 0.00
MOHICAN___35_KV_115KV_LD 80490	58.72 3.53 0.00	52.87 3.13 0.00	50.04 2.83 0.00	49.26 2.70 0.00	49.23 2.57 0.00	51.41 2.77 0.00	53.60 3.03 0.00	55.75 3.16 0.00	60.97 3.40 0.00	64.73 3.49 0.00	64.54 3.01 0.00	67.75 3.23 0.00	71.30 3.20 0.00	83.51 3.83 0.00	94.06 4.83 -4.48	140.93 5.21 -42.59	155.05 5.46 -55.47	201.25 6.02 -98.08	237.73 8.06 -117.71	199.02 6.57 -99.86	152.80 6.12 -62.88	81.04 5.09 0.00	68.56 4.31 0.00	59.82 3.49 0.00
MONGAUP___HYD 23641	57.56 2.37 0.00	52.12 2.39 0.00	49.52 2.31 0.00	48.89 2.33 0.00	48.77 2.10 0.00	50.68 2.04 0.00	52.74 2.17 0.00	54.91 2.31 0.00	60.17 2.59 0.00	63.69 2.45 0.00	63.92 2.40 0.00	67.62 3.10 0.00	71.30 3.20 0.00	84.07 4.38 0.00	90.51 5.77 0.00	118.62 6.05 -19.45	127.45 6.49 -26.84	156.47 7.09 -52.22	135.88 8.07 -15.85	114.33 7.13 -14.61	96.91 5.86 -7.25	80.36 4.40 0.00	67.60 3.34 0.00	58.80 2.48 0.00
MONTAUK___DIESEL 23721	58.61 3.42 0.00	54.62 4.87 -0.01	52.11 4.91 0.00	51.45 4.89 0.00	51.38 4.71 0.00	53.65 5.01 0.00	54.36 3.79 0.00	56.91 4.31 0.00	62.58 5.12 0.12	67.67 6.43 0.00	77.54 7.69 -8.33	259.97 8.13 -187.32	272.24 8.72 -195.42	254.55 10.76 -164.10	282.55 12.63 -185.17	349.41 14.43 -241.85	335.98 14.12 -227.74	355.97 14.57 -244.24	261.46 16.35 -133.15	261.26 12.87 -155.80	256.33 10.64 -161.89	253.78 8.05 -169.77	229.21 5.27 -159.68	124.36 5.86 -62.18
MOONROAD_115KV_HARTFLD_TB1-2 355988	55.13 -0.06 0.00	49.24 -0.50 0.00	46.50 -0.71 0.00	45.49 -1.07 0.00	45.59 -1.07 0.00	47.42 -1.22 0.00	49.50 -1.06 0.00	50.97 -1.63 0.00	56.71 -0.86 0.00	60.99 -0.24 0.00	61.03 -0.49 0.00	64.20 -0.32 0.00	68.10 0.00 0.00	78.81 -0.88 0.00	83.90 -0.85 0.00	93.86 -2.14 -2.88	96.28 -1.98 -4.14	103.84 -1.85 -8.53	114.84 -0.34 -3.22	96.48 0.93 -2.96	86.19 0.92 -1.47	75.88 -0.08 0.00	63.87 -0.39 0.00	57.28 0.96 0.00

MORRIS_RIDGE___SOLAR 323848	54.53 -0.66 0.00	48.79 -0.95 0.00	46.17 -1.04 0.00	45.17 -1.40 0.00	45.27 -1.40 0.00	47.08 -1.56 0.00	48.99 -1.57 0.00	50.81 -1.79 0.00	55.73 -1.84 0.00	59.77 -1.47 0.00	59.62 -1.91 0.00	62.45 -2.07 0.00	65.92 -2.18 0.00	76.42 -3.27 0.00	81.70 -3.05 0.00	92.27 -4.19 -3.33	94.86 -4.04 -4.78	103.33 -3.69 -9.87	112.69 -3.02 -3.75	95.02 -1.02 -3.45	85.10 -0.42 -1.71	74.82 -1.14 0.00	63.42 -0.84 0.00	56.21 -0.11 0.00
MORTIMER_115KV_TB3 55949	54.58 -0.61 0.00	48.84 -0.90 0.00	46.21 -0.99 0.00	45.26 -1.30 0.00	45.31 -1.35 0.00	47.13 -1.51 0.00	49.00 -1.57 0.00	50.55 -2.05 0.00	55.97 -1.61 0.00	60.20 -1.04 0.00	60.36 -1.17 0.00	63.36 -1.16 0.00	67.15 -0.95 0.00	77.78 -1.91 0.00	83.05 -1.69 0.00	93.18 -1.96 -2.02	94.86 -2.16 -2.90	101.48 -1.65 -5.98	109.83 -2.13 0.00	91.76 -0.83 0.00	83.30 -0.50 0.00	74.74 -1.22 0.00	63.23 -1.03 0.00	56.32 0.00 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	57.84 2.65 0.00	52.47 2.74 0.00	49.89 2.69 0.00	49.40 2.84 0.00	49.28 2.61 0.00	51.17 2.53 0.00	53.19 2.63 0.00	55.75 3.16 0.00	61.03 3.45 0.00	64.73 3.49 0.00	65.09 3.57 0.00	69.23 4.71 0.00	73.21 5.11 0.00	86.54 6.85 0.00	93.95 8.73 -0.47	125.59 10.52 -21.94	135.00 10.73 -30.15	166.38 10.98 -58.25	146.29 12.09 -22.24	121.16 8.98 -19.59	102.04 7.12 -11.12	80.82 4.86 0.00	67.40 3.15 0.00	58.86 2.53 0.00
MUNSVILLE_WIND_PWR 323609	59.77 4.58 0.00	53.81 4.08 0.00	51.08 3.87 0.00	50.06 3.49 0.00	50.35 3.69 0.00	52.53 3.89 0.00	54.66 4.09 0.00	57.02 4.42 0.00	62.24 4.66 0.00	66.44 5.20 0.00	66.33 4.80 0.00	69.56 5.04 0.00	73.61 5.51 0.00	85.98 6.29 0.00	91.78 7.03 0.00	106.25 7.91 -5.22	110.46 8.85 -7.50	121.75 9.13 -15.47	132.46 12.65 -7.85	109.92 10.09 -7.24	96.86 9.47 -3.59	83.71 7.75 0.00	70.10 5.85 0.00	61.33 5.01 0.00
N SALMON___HYD 24042	55.47 0.28 0.00	49.93 0.20 0.00	47.39 0.19 0.00	46.70 0.14 0.00	47.09 0.42 0.00	49.08 0.44 0.00	51.07 0.51 0.00	53.02 0.42 0.00	57.75 0.17 0.00	61.30 0.06 0.00	61.40 -0.12 0.00	63.75 -0.77 0.00	67.28 -0.81 0.00	78.65 -1.04 0.00	81.54 -2.72 0.49	86.27 -3.07 3.78	86.78 -3.20 4.14	88.51 -3.40 5.24	96.95 -4.03 10.98	86.48 -2.50 3.61	81.90 -1.51 0.39	75.58 -0.38 0.00	64.32 0.06 0.00	56.49 0.17 0.00
N.AKRON__115KV_KNAPP 355671	54.86 -0.33 0.00	48.89 -0.85 0.00	46.17 -1.04 0.00	45.12 -1.44 0.00	45.17 -1.49 0.00	46.94 -1.70 0.00	48.54 -2.02 0.00	49.60 -3.00 0.00	55.33 -2.25 0.00	59.71 -1.53 0.00	59.56 -1.97 0.00	62.46 -2.06 0.00	66.06 -2.04 0.00	76.02 -3.67 0.00	81.19 -3.56 0.00	90.83 -4.66 -2.36	92.63 -4.89 -3.40	99.59 -4.57 -7.00	109.73 -4.81 -2.58	92.29 -2.69 -2.38	82.89 -2.10 -1.18	73.22 -2.73 0.00	62.14 -2.12 0.00	56.04 -0.28 0.00
N.E_GEN_SANDY PD 24062	57.12 1.93 0.00	51.77 2.04 0.00	49.19 1.98 0.00	48.52 1.96 0.00	48.44 1.77 0.00	50.44 1.80 0.00	52.53 1.97 0.00	54.75 2.16 0.00	59.88 2.31 0.00	63.57 2.33 0.00	63.92 2.40 0.00	67.68 3.16 0.00	71.57 3.47 0.00	84.23 4.54 0.00	94.81 5.84 -4.22	135.59 6.61 -35.85	147.89 6.78 -46.99	188.14 7.00 -83.98	191.81 7.95 -71.90	156.94 6.20 -58.15	130.40 5.20 -41.40	94.00 3.80 -14.25	69.54 2.70 -2.59	58.24 1.92 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	57.23 2.04 0.00	51.92 2.19 0.00	49.33 2.12 0.00	48.85 2.28 0.00	48.67 2.01 0.00	50.63 1.99 0.00	52.64 2.07 0.00	55.17 2.58 0.00	60.40 2.82 0.00	64.06 2.82 0.00	64.48 2.95 0.00	68.52 4.00 0.00	72.59 4.49 0.00	85.82 6.14 0.00	92.89 7.71 -0.43	123.26 9.13 -21.01	132.44 9.41 -28.91	162.77 9.62 -56.00	143.82 10.64 -21.22	119.20 7.87 -18.74	100.73 6.37 -10.56	80.36 4.41 0.00	66.96 2.70 0.00	58.41 2.08 0.00
N.QUEENS_27_KV_LOAD 356247	57.56 2.37 0.00	52.17 2.44 0.00	49.61 2.41 0.00	49.45 2.89 0.00	49.19 2.52 0.00	50.68 2.04 0.00	52.59 2.02 0.00	55.17 2.58 0.00	60.28 2.71 0.00	64.00 2.76 0.00	64.60 3.08 0.00	68.91 4.39 0.00	72.73 4.63 0.00	86.06 6.38 0.00	94.27 8.56 -0.96	127.19 10.62 -23.45	137.99 10.73 -33.13	170.88 11.17 -62.55	148.35 11.53 -24.86	122.10 8.33 -21.18	101.62 6.70 -11.12	80.43 4.48 0.01	67.14 2.89 0.01	58.86 2.53 0.00
N.TROY___115KV_TB1 355778	57.40 2.21 0.00	51.87 2.14 0.00	49.23 2.03 0.00	48.57 2.00 0.00	48.49 1.82 0.00	50.58 1.95 0.00	52.64 2.07 0.00	54.86 2.26 0.00	59.88 2.30 0.00	63.69 2.45 0.00	63.92 2.40 0.00	67.36 2.84 0.00	71.16 3.06 0.00	83.59 3.90 0.00	97.20 4.92 -7.54	156.27 5.40 -57.75	172.79 5.55 -73.11	225.59 5.83 -122.61	258.55 6.94 -139.64	212.34 5.56 -114.20	167.74 4.86 -79.08	79.83 3.87 0.00	67.15 2.89 0.00	58.58 2.25 0.00
NARROWS_GT1_1 24228	57.44 2.26 0.01	52.31 2.58 0.01	49.85 2.64 0.00	49.55 2.98 0.00	49.33 2.66 0.00	50.67 2.04 0.01	52.68 2.12 0.01	55.11 2.52 0.01	60.62 3.05 0.01	64.47 3.24 0.01	64.78 3.26 0.01	69.03 4.51 0.01	73.00 4.91 0.01	86.22 6.54 0.01	93.94 8.73 -0.46	126.04 10.98 -21.94	135.08 10.82 -30.14	166.66 11.26 -58.24	146.05 11.86 -22.23	120.87 8.70 -19.58	101.80 6.87 -11.13	80.58 4.63 0.01	67.39 3.28 0.14	58.69 2.37 0.00
NARROWS_GT1_2 24229	57.44 2.26 0.01	52.31 2.58 0.01	49.85 2.64 0.00	49.55 2.98 0.00	49.33 2.66 0.00	50.67 2.04 0.01	52.68 2.12 0.01	55.11 2.52 0.01	60.62 3.05 0.01	64.47 3.24 0.01	64.78 3.26 0.01	69.03 4.51 0.01	73.00 4.91 0.01	86.22 6.54 0.01	93.94 8.73 -0.46	126.04 10.98 -21.94	135.08 10.82 -30.14	166.66 11.26 -58.24	146.05 11.86 -22.23	120.87 8.70 -19.58	101.80 6.87 -11.13	80.58 4.63 0.01	67.39 3.28 0.14	58.69 2.37 0.00
NARROWS_GT1_3 24230	57.44 2.26 0.01	52.31 2.58 0.01	49.85 2.64 0.00	49.55 2.98 0.00	49.33 2.66 0.00	50.67 2.04 0.01	52.68 2.12 0.01	55.11 2.52 0.01	60.62 3.05 0.01	64.47 3.24 0.01	64.78 3.26 0.01	69.03 4.51 0.01	73.00 4.91 0.01	86.22 6.54 0.01	93.94 8.73 -0.46	126.04 10.98 -21.94	135.08 10.82 -30.14	166.66 11.26 -58.24	146.05 11.86 -22.23	120.87 8.70 -19.58	101.80 6.87 -11.13	80.58 4.63 0.01	67.39 3.28 0.14	58.69 2.37 0.00
NARROWS_GT1_4 24231	57.44 2.26 0.01	52.31 2.58 0.01	49.85 2.64 0.00	49.55 2.98 0.00	49.33 2.66 0.00	50.67 2.04 0.01	52.68 2.12 0.01	55.11 2.52 0.01	60.62 3.05 0.01	64.47 3.24 0.01	64.78 3.26 0.01	69.03 4.51 0.01	73.00 4.91 0.01	86.22 6.54 0.01	93.94 8.73 -0.46	126.04 10.98 -21.94	135.08 10.82 -30.14	166.66 11.26 -58.24	146.05 11.86 -22.23	120.87 8.70 -19.58	101.80 6.87 -11.13	80.58 4.63 0.01	67.39 3.28 0.14	58.69 2.37 0.00
NARROWS_GT1_5 24232	57.44 2.26 0.01	52.31 2.58 0.01	49.85 2.64 0.00	49.55 2.98 0.00	49.33 2.66 0.00	50.67 2.04 0.01	52.68 2.12 0.01	55.11 2.52 0.01	60.62 3.05 0.01	64.47 3.24 0.01	64.78 3.26 0.01	69.03 4.51 0.01	73.00 4.91 0.01	86.22 6.54 0.01	93.94 8.73 -0.46	126.04 10.98 -21.94	135.08 10.82 -30.14	166.66 11.26 -58.24	146.05 11.86 -22.23	120.87 8.70 -19.58	101.80 6.87 -11.13	80.58 4.63 0.01	67.39 3.28 0.14	58.69 2.37 0.00

NARROWS_GT1_6 24233	57.44 2.26 0.01	52.31 2.58 0.01	49.85 2.64 0.00	49.55 2.98 0.00	49.33 2.66 0.00	50.67 2.04 0.01	52.68 2.12 0.01	55.11 2.52 0.01	60.62 3.05 0.01	64.47 3.24 0.01	64.78 3.26 0.01	69.03 4.51 0.01	73.00 4.91 0.01	86.22 6.54 0.01	93.94 8.73 -0.46	126.04 10.98 -21.94	135.08 10.82 -30.14	166.66 11.26 -58.24	146.05 11.86 -22.23	120.87 8.70 -19.58	101.80 6.87 -11.13	80.58 4.63 0.01	67.39 3.28 0.14	58.69 2.37 0.00
NARROWS_GT1_7 24234	57.44 2.26 0.01	52.31 2.58 0.01	49.85 2.64 0.00	49.55 2.98 0.00	49.33 2.66 0.00	50.67 2.04 0.01	52.68 2.12 0.01	55.11 2.52 0.01	60.62 3.05 0.01	64.47 3.24 0.01	64.78 3.26 0.01	69.03 4.51 0.01	73.00 4.91 0.01	86.22 6.54 0.01	93.94 8.73 -0.46	126.04 10.98 -21.94	135.08 10.82 -30.14	166.66 11.26 -58.24	146.05 11.86 -22.23	120.87 8.70 -19.58	101.80 6.87 -11.13	80.58 4.63 0.01	67.39 3.28 0.14	58.69 2.37 0.00
NARROWS_GT1_8 24235	57.44 2.26 0.01	52.31 2.58 0.01	49.85 2.64 0.00	49.55 2.98 0.00	49.33 2.66 0.00	50.67 2.04 0.01	52.68 2.12 0.01	55.11 2.52 0.01	60.62 3.05 0.01	64.47 3.24 0.01	64.78 3.26 0.01	69.03 4.51 0.01	73.00 4.91 0.01	86.22 6.54 0.01	93.94 8.73 -0.46	126.04 10.98 -21.94	135.08 10.82 -30.14	166.66 11.26 -58.24	146.05 11.86 -22.23	120.87 8.70 -19.58	101.80 6.87 -11.13	80.58 4.63 0.01	67.39 3.28 0.14	58.69 2.37 0.00
NARROWS_GT2_1 24236	57.44 2.26 0.01	52.32 2.58 0.00	49.85 2.64 0.00	49.55 2.98 0.00	49.33 2.66 0.00	50.67 2.04 0.01	52.68 2.12 0.01	55.11 2.52 0.01	60.62 3.05 0.01	64.47 3.24 0.01	64.78 3.26 0.01	69.03 4.51 0.01	73.00 4.91 0.01	86.22 6.54 0.01	93.95 8.73 -0.47	126.07 10.98 -21.96	135.09 10.82 -30.15	166.67 11.26 -58.25	146.06 11.86 -22.24	120.87 8.70 -19.58	101.84 6.87 -11.17	80.58 4.63 0.01	67.39 3.28 0.14	58.69 2.37 0.00
NARROWS_GT2_2 24237	57.44 2.26 0.01	52.32 2.58 0.00	49.85 2.64 0.00	49.55 2.98 0.00	49.33 2.66 0.00	50.67 2.04 0.01	52.68 2.12 0.01	55.11 2.52 0.01	60.62 3.05 0.01	64.47 3.24 0.01	64.78 3.26 0.01	69.03 4.51 0.01	73.00 4.91 0.01	86.22 6.54 0.01	93.95 8.73 -0.47	126.07 10.98 -21.96	135.09 10.82 -30.15	166.67 11.26 -58.25	146.06 11.86 -22.24	120.87 8.70 -19.58	101.84 6.87 -11.17	80.58 4.63 0.01	67.39 3.28 0.14	58.69 2.37 0.00
NARROWS_GT2_3 24238	57.44 2.26 0.01	52.32 2.58 0.00	49.85 2.64 0.00	49.55 2.98 0.00	49.33 2.66 0.00	50.67 2.04 0.01	52.68 2.12 0.01	55.11 2.52 0.01	60.62 3.05 0.01	64.47 3.24 0.01	64.78 3.26 0.01	69.03 4.51 0.01	73.00 4.91 0.01	86.22 6.54 0.01	93.95 8.73 -0.47	126.07 10.98 -21.96	135.09 10.82 -30.15	166.67 11.26 -58.25	146.06 11.86 -22.24	120.87 8.70 -19.58	101.84 6.87 -11.17	80.58 4.63 0.01	67.39 3.28 0.14	58.69 2.37 0.00
NARROWS_GT2_4 24239	57.44 2.26 0.01	52.32 2.58 0.00	49.85 2.64 0.00	49.55 2.98 0.00	49.33 2.66 0.00	50.67 2.04 0.01	52.68 2.12 0.01	55.11 2.52 0.01	60.62 3.05 0.01	64.47 3.24 0.01	64.78 3.26 0.01	69.03 4.51 0.01	73.00 4.91 0.01	86.22 6.54 0.01	93.95 8.73 -0.47	126.07 10.98 -21.96	135.09 10.82 -30.15	166.67 11.26 -58.25	146.06 11.86 -22.24	120.87 8.70 -19.58	101.84 6.87 -11.17	80.58 4.63 0.01	67.39 3.28 0.14	58.69 2.37 0.00
NARROWS_GT2_5 24240	57.44 2.26 0.01	52.32 2.58 0.00	49.85 2.64 0.00	49.55 2.98 0.00	49.33 2.66 0.00	50.67 2.04 0.01	52.68 2.12 0.01	55.11 2.52 0.01	60.62 3.05 0.01	64.47 3.24 0.01	64.78 3.26 0.01	69.03 4.51 0.01	73.00 4.91 0.01	86.22 6.54 0.01	93.95 8.73 -0.47	126.07 10.98 -21.96	135.09 10.82 -30.15	166.67 11.26 -58.25	146.06 11.86 -22.24	120.87 8.70 -19.58	101.84 6.87 -11.17	80.58 4.63 0.01	67.39 3.28 0.14	58.69 2.37 0.00
NARROWS_GT2_6 24241	57.44 2.26 0.01	52.32 2.58 0.00	49.85 2.64 0.00	49.55 2.98 0.00	49.33 2.66 0.00	50.67 2.04 0.01	52.68 2.12 0.01	55.11 2.52 0.01	60.62 3.05 0.01	64.47 3.24 0.01	64.78 3.26 0.01	69.03 4.51 0.01	73.00 4.91 0.01	86.22 6.54 0.01	93.95 8.73 -0.47	126.07 10.98 -21.96	135.09 10.82 -30.15	166.67 11.26 -58.25	146.06 11.86 -22.24	120.87 8.70 -19.58	101.84 6.87 -11.17	80.58 4.63 0.01	67.39 3.28 0.14	58.69 2.37 0.00
NARROWS_GT2_7 24242	57.44 2.26 0.01	52.32 2.58 0.00	49.85 2.64 0.00	49.55 2.98 0.00	49.33 2.66 0.00	50.67 2.04 0.01	52.68 2.12 0.01	55.11 2.52 0.01	60.62 3.05 0.01	64.47 3.24 0.01	64.78 3.26 0.01	69.03 4.51 0.01	73.00 4.91 0.01	86.22 6.54 0.01	93.95 8.73 -0.47	126.07 10.98 -21.96	135.09 10.82 -30.15	166.67 11.26 -58.25	146.06 11.86 -22.24	120.87 8.70 -19.58	101.84 6.87 -11.17	80.58 4.63 0.01	67.39 3.28 0.14	58.69 2.37 0.00
NARROWS_GT2_8 24243	57.44 2.26 0.01	52.32 2.58 0.00	49.85 2.64 0.00	49.55 2.98 0.00	49.33 2.66 0.00	50.67 2.04 0.01	52.68 2.12 0.01	55.11 2.52 0.01	60.62 3.05 0.01	64.47 3.24 0.01	64.78 3.26 0.01	69.03 4.51 0.01	73.00 4.91 0.01	86.22 6.54 0.01	93.95 8.73 -0.47	126.07 10.98 -21.96	135.09 10.82 -30.15	166.67 11.26 -58.25	146.06 11.86 -22.24	120.87 8.70 -19.58	101.84 6.87 -11.17	80.58 4.63 0.01	67.39 3.28 0.14	58.69 2.37 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	57.78 2.59 0.00	52.17 2.44 0.00	49.52 2.31 0.00	48.80 2.24 0.00	48.72 2.05 0.00	50.78 2.14 0.00	52.84 2.28 0.00	54.96 2.37 0.00	59.94 2.36 0.00	63.44 2.20 0.00	63.49 1.97 0.00	66.78 2.26 0.00	70.21 2.11 0.00	82.24 2.55 0.00	80.51 4.07 8.30	67.55 4.66 30.23	68.84 4.89 30.18	78.50 5.63 24.29	68.00 6.72 50.67	67.68 5.83 30.74	49.05 5.20 39.94	79.83 3.87 0.00	67.15 2.89 0.00	58.69 2.37 0.00
NCHELSEA_115KV_TR2 355582	57.89 2.70 0.00	52.47 2.74 0.00	49.89 2.69 0.00	49.31 2.75 0.00	49.14 2.47 0.00	51.17 2.53 0.00	53.14 2.58 0.00	55.65 3.05 0.00	60.86 3.28 0.00	64.61 3.37 0.00	64.97 3.45 0.00	68.91 4.39 0.00	73.07 4.97 0.00	86.38 6.69 0.00	93.05 8.31 0.00	123.80 9.78 -20.90	133.14 10.07 -28.95	164.19 10.40 -56.64	141.18 11.53 -17.69	117.68 8.80 -16.30	99.10 7.21 -8.09	81.35 5.39 0.00	67.73 3.47 0.00	59.08 2.76 0.00
NEG CAPITAL___MECHNVIL 23645	58.50 3.31 0.00	52.72 2.98 0.00	49.99 2.78 0.00	49.26 2.70 0.00	49.23 2.56 0.00	51.31 2.67 0.00	53.49 2.93 0.00	55.59 3.00 0.00	60.86 3.28 0.00	64.61 3.37 0.00	64.78 3.26 0.00	68.13 3.61 0.00	71.91 3.81 0.00	84.31 4.62 0.00	95.88 5.68 -5.46	146.70 6.24 -47.33	161.51 6.40 -60.99	209.78 6.90 -105.73	245.14 8.28 -124.89	203.95 6.76 -104.60	158.05 6.11 -68.13	80.89 4.93 0.00	68.43 4.17 0.00	59.65 3.32 0.00
NEG CENTRAL_HIGH_ACRES 23767	53.86 -1.33 0.00	48.24 -1.49 0.00	45.69 -1.51 0.00	44.75 -1.82 0.00	44.85 -1.82 0.00	46.64 -2.00 0.00	48.54 -2.02 0.00	50.54 -2.05 0.00	55.51 -2.07 0.00	59.59 -1.65 0.00	59.87 -1.66 0.00	62.78 -1.74 0.00	66.54 -1.56 0.00	77.22 -2.47 0.00	82.46 -2.28 0.00	92.47 -2.61 -1.95	94.10 -2.82 -2.80	100.60 -2.33 -5.78	109.05 -2.91 0.00	91.02 -1.57 0.00	82.55 -1.25 0.00	74.06 -1.90 0.00	62.78 -1.48 0.00	55.54 -0.79 0.00

NEG CENTRAL___DRP 24199	55.35 0.17 0.00	49.73 0.00 0.00	47.16 -0.05 0.00	46.24 -0.33 0.00	46.34 -0.33 0.00	48.25 -0.39 0.00	50.31 -0.25 0.00	52.28 -0.32 0.00	57.40 -0.17 0.00	61.30 0.06 0.00	61.59 0.06 0.00	64.65 0.13 0.00	68.37 0.27 0.00	79.69 0.00 0.00	85.17 0.42 0.00	95.06 -0.19 -2.12	96.98 -0.19 -3.04	103.53 0.10 -6.28	114.79 0.56 -2.27	95.79 1.11 -2.09	86.26 1.42 -1.04	76.71 0.76 0.00	64.51 0.26 0.00	56.77 0.45 0.00
NEG CENTRAL___INDECK 23768	54.86 -0.33 0.00	49.04 -0.70 0.00	46.45 -0.76 0.00	45.35 -1.21 0.00	45.45 -1.21 0.00	47.33 -1.31 0.00	49.25 -1.31 0.00	51.12 -1.47 0.00	55.73 -1.84 0.00	59.46 -1.78 0.00	59.37 -2.16 0.00	62.20 -2.32 0.00	65.85 -2.25 0.00	76.18 -3.50 0.00	81.35 -3.39 0.00	92.07 -3.91 -2.86	94.55 -3.67 -4.10	102.61 -3.01 -8.46	113.00 -2.13 -3.17	95.69 0.19 -2.92	86.00 0.75 -1.45	75.80 -0.15 0.00	64.19 -0.06 0.00	56.72 0.40 0.00
NEG CENTRAL___SENECA 23627	55.52 0.33 0.00	49.88 0.15 0.00	47.25 0.05 0.00	46.28 -0.28 0.00	46.43 -0.23 0.00	48.35 -0.29 0.00	50.41 -0.15 0.00	52.33 -0.26 0.00	57.40 -0.17 0.00	61.36 0.12 0.00	61.59 0.06 0.00	64.65 0.13 0.00	68.37 0.27 0.00	79.69 0.00 0.00	85.09 0.34 0.00	94.89 -0.56 -2.32	96.89 -0.56 -3.33	103.84 -0.19 -6.88	114.92 0.45 -2.52	96.02 1.11 -2.32	86.63 1.68 -1.15	76.94 0.99 0.00	64.64 0.39 0.00	57.00 0.68 0.00
NEG CENTRAL___STATE_STREET 24147	55.35 0.17 0.00	49.78 0.05 0.00	47.20 0.00 0.00	46.33 -0.23 0.00	46.43 -0.23 0.00	48.35 -0.29 0.00	50.41 -0.15 0.00	52.44 -0.16 0.00	57.58 0.00 0.00	61.36 0.12 0.00	61.77 0.25 0.00	64.91 0.39 0.00	68.51 0.41 0.00	80.01 0.32 0.00	85.51 0.76 0.00	95.79 0.56 -2.11	97.82 0.66 -3.03	104.39 0.97 -6.26	115.58 1.34 -2.27	96.26 1.57 -2.09	86.43 1.59 -1.04	76.87 0.91 0.00	64.64 0.39 0.00	56.77 0.45 0.00
NEG MILLWOOD___DRP 24198	58.11 2.92 0.00	52.67 2.93 0.00	50.04 2.83 0.00	49.54 2.98 0.00	49.37 2.71 0.00	51.36 2.72 0.00	53.34 2.78 0.00	55.86 3.26 0.00	61.15 3.57 0.00	64.98 3.74 0.00	65.40 3.88 0.00	69.55 5.03 0.00	73.89 5.79 0.00	87.34 7.65 0.00	94.07 9.32 0.00	125.81 10.99 -21.69	135.42 11.39 -29.91	167.12 11.85 -58.11	142.89 13.21 -17.71	118.73 9.81 -16.32	99.86 7.96 -8.10	81.80 5.85 0.00	68.05 3.79 0.00	59.25 2.93 0.00
NEG NORTH_FLCN_SEA 23793	53.92 -1.27 0.00	48.94 -0.80 0.00	46.73 -0.47 0.00	46.10 -0.47 0.00	46.43 -0.23 0.00	48.06 -0.58 0.00	49.96 -0.61 0.00	51.39 -1.21 0.00	56.20 -1.38 0.00	59.71 -1.53 0.00	59.92 -1.60 0.00	62.33 -2.19 0.00	65.78 -2.32 0.00	76.82 -2.87 0.00	80.27 -4.32 0.16	87.24 -4.66 1.23	87.89 -4.89 1.34	90.30 -5.15 1.70	102.35 -6.05 3.57	86.97 1.17 1.17	80.24 -0.13 0.13	73.60 -2.35 0.00	62.84 -1.41 0.00	54.97 -1.35 0.00
NEG NORTH_KES_CHATEGAY 23792	54.80 -0.39 0.00	49.44 -0.30 0.00	46.97 -0.24 0.00	46.33 -0.23 0.00	46.62 -0.05 0.00	48.54 -0.10 0.00	50.46 -0.10 0.00	52.18 -0.42 0.00	57.00 -0.58 0.00	60.57 -0.67 0.00	60.79 -0.74 0.00	63.17 -1.35 0.00	66.60 -1.50 0.00	77.70 -1.99 0.00	81.28 -3.22 0.25	87.67 -3.54 1.91	88.45 -3.58 2.09	90.72 -3.79 2.65	102.04 -4.37 5.56	87.71 -3.06 1.83	81.34 -2.26 0.20	74.74 -1.22 0.00	63.81 -0.45 0.00	55.87 -0.45 0.00
NEG NORTH___ALICE_FALLS 23915	54.69 -0.50 0.00	49.44 -0.30 0.00	47.16 -0.05 0.00	46.47 -0.09 0.00	46.81 0.14 0.00	48.54 -0.10 0.00	50.51 -0.05 0.00	52.07 -0.53 0.00	56.94 -0.63 0.00	60.44 -0.80 0.00	60.72 -0.80 0.00	63.10 -1.42 0.00	66.60 -1.50 0.00	77.78 -1.91 0.00	81.27 -3.31 0.17	88.25 -3.54 1.34	88.99 -3.67 1.46	91.42 -3.89 1.85	103.49 -4.59 3.88	88.26 -3.06 1.28	81.48 -2.18 0.14	74.66 -1.29 0.00	63.74 -0.51 0.00	55.76 -0.56 0.00
NEG NORTH___LWR_SARANAC 23913	54.69 -0.50 0.00	49.44 -0.30 0.00	47.16 -0.05 0.00	46.47 -0.09 0.00	46.81 0.14 0.00	48.54 -0.10 0.00	50.51 -0.05 0.00	52.07 -0.53 0.00	56.94 -0.63 0.00	60.44 -0.80 0.00	60.72 -0.80 0.00	63.10 -1.42 0.00	66.60 -1.50 0.00	77.78 -1.91 0.00	81.27 -3.31 0.17	88.25 -3.54 1.34	88.99 -3.67 1.46	91.42 -3.89 1.85	103.49 -4.59 3.88	88.26 -3.06 1.28	81.48 -2.18 0.14	74.66 -1.29 0.00	63.74 -0.51 0.00	55.76 -0.56 0.00
NEG NORTH___PLATTSBURG 23628	54.69 -0.50 0.00	49.44 -0.30 0.00	47.16 -0.05 0.00	46.47 -0.09 0.00	46.81 0.14 0.00	48.54 -0.10 0.00	50.51 -0.05 0.00	52.44 -0.16 0.00	56.95 -0.63 0.00	60.44 -0.80 0.00	60.72 -0.80 0.00	63.10 -1.42 0.00	66.60 -1.50 0.00	77.86 -1.83 0.00	81.27 -3.31 0.17	88.25 -3.54 1.34	88.99 -3.67 1.46	91.41 -3.89 1.85	103.48 -4.60 3.88	88.26 -3.05 1.28	81.57 -2.09 0.14	74.74 -1.22 0.00	63.55 -0.71 0.00	55.76 -0.56 0.00
NEG WEST_LEA_LOCKPORT 23791	53.31 -1.88 0.00	47.60 -2.14 0.00	44.94 -2.27 0.00	43.96 -2.61 0.00	44.01 -2.66 0.00	45.62 -3.02 0.00	47.23 -3.34 0.00	47.97 -4.63 0.00	53.60 -3.97 0.00	57.87 -3.37 0.00	57.59 -3.94 0.00	60.65 -3.87 0.00	64.08 -4.02 0.00	73.63 -6.06 0.00	78.56 -6.19 0.00	88.15 -7.45 -2.47	90.15 -7.53 -3.56	97.29 -7.19 -7.33	106.73 -7.95 -2.72	89.73 -5.37 -2.51	80.52 -4.53 -1.24	71.09 -4.86 0.00	60.40 -3.86 0.00	54.69 -1.63 0.00
NEG WEST___LANCASTR 23811	53.20 -1.99 0.00	47.55 -2.19 0.00	44.89 -2.31 0.00	43.96 -2.61 0.00	44.01 -2.66 0.00	45.72 -2.92 0.00	47.63 -2.93 0.00	48.91 -3.68 0.00	54.41 -3.17 0.00	58.48 -2.76 0.00	58.45 -3.08 0.00	61.55 -2.97 0.00	65.31 -2.79 0.00	75.54 -4.14 0.00	80.59 -4.15 0.00	89.40 -6.61 -2.89	91.78 -6.49 -4.15	99.30 -6.41 -8.56	110.48 -4.70 -3.22	92.69 -2.87 -2.97	82.76 -2.51 -1.47	72.84 -3.11 0.00	61.36 -2.89 0.00	55.08 -1.24 0.00
NEG_PENN_ALLEGHNY 23528	55.52 0.33 0.00	49.98 0.25 0.00	47.44 0.24 0.00	46.66 0.09 0.00	46.71 0.05 0.00	48.64 0.00 0.00	50.61 0.05 0.00	52.75 0.16 0.00	57.92 0.35 0.00	61.98 0.74 0.00	62.27 0.74 0.00	65.49 0.97 0.00	69.33 1.23 0.00	81.04 1.35 0.00	86.61 1.86 0.00	100.25 1.68 -5.45	103.46 1.50 -7.83	114.87 1.55 -16.16	120.74 2.35 -6.43	100.73 2.22 -5.92	88.67 1.93 -2.94	77.17 1.21 0.00	65.03 0.77 0.00	56.94 0.62 0.00
NEG___GEN_MONROE 24207	54.80 -0.39 0.00	48.99 -0.75 0.00	46.31 -0.90 0.00	45.31 -1.26 0.00	45.36 -1.31 0.00	47.18 -1.46 0.00	49.10 -1.47 0.00	50.49 -2.10 0.00	55.97 -1.61 0.00	60.20 -1.04 0.00	60.29 -1.23 0.00	63.30 -1.23 0.00	67.01 -1.09 0.00	77.62 -2.07 0.00	82.97 -1.78 0.00	93.11 -2.05 -2.03	94.51 -2.54 -2.92	101.24 -1.94 -6.03	109.61 -2.35 0.00	91.85 -0.74 0.00	83.47 -0.34 0.00	74.89 -1.06 0.00	63.36 -0.90 0.00	56.72 0.39 0.00
NEPA___ENERGY 23901	54.08 -1.10 0.00	48.39 -1.34 0.00	45.69 -1.51 0.00	44.75 -1.82 0.00	44.80 -1.87 0.00	46.60 -2.04 0.00	48.54 -2.02 0.00	49.97 -2.63 0.00	55.50 -2.07 0.00	59.59 -1.65 0.00	59.62 -1.91 0.00	62.84 -1.68 0.00	66.60 -1.50 0.00	77.14 -2.55 0.00	82.29 -2.46 0.00	92.20 -3.82 -2.90	94.71 -3.58 -4.16	102.34 -3.40 -8.59	112.52 -2.69 -3.24	94.47 -1.11 -2.99	84.45 -0.84 -1.48	74.36 -1.60 0.00	62.59 -1.67 0.00	56.04 -0.28 0.00

NEVERSINK___HYD 23608	57.17 1.98 0.00	51.82 2.09 0.00	49.23 2.03 0.00	48.61 2.05 0.00	48.54 1.87 0.00	50.44 1.80 0.00	52.48 1.92 0.00	54.75 2.16 0.00	60.11 2.53 0.00	63.75 2.51 0.00	63.99 2.46 0.00	67.81 3.29 0.00	71.91 3.81 0.00	84.86 5.18 0.00	91.36 6.61 0.00	116.30 7.91 -15.27	124.43 8.37 -21.93	151.16 8.75 -45.26	138.55 9.85 -16.73	115.51 7.50 -15.42	97.57 6.11 -7.65	80.44 4.48 0.00	67.28 3.02 0.00	58.52 2.19 0.00
NEWKRMKL_115KV_TB1 55635	56.35 1.16 0.00	50.93 1.19 0.00	48.38 1.18 0.00	47.77 1.21 0.00	47.69 1.03 0.00	49.71 1.07 0.00	51.68 1.11 0.00	53.86 1.26 0.00	58.90 1.32 0.00	62.59 1.35 0.00	62.88 1.35 0.00	66.33 1.81 0.00	69.94 1.84 0.00	82.08 2.39 0.00	86.30 3.31 1.75	102.52 3.63 -5.76	110.02 3.67 -12.22	137.57 3.89 -36.53	147.83 4.48 -31.40	128.40 3.52 -32.29	97.56 2.93 -10.82	78.08 2.13 0.00	65.67 1.41 0.00	57.34 1.01 0.00
NEWTON___FALLS_HYD 23847	56.24 1.05 0.00	50.58 0.85 0.00	47.96 0.76 0.00	47.12 0.56 0.00	47.46 0.79 0.00	49.61 0.97 0.00	51.62 1.06 0.00	53.54 0.95 0.00	58.33 0.75 0.00	61.79 0.55 0.00	60.91 -0.62 0.00	63.49 -1.03 0.00	67.01 -1.09 0.00	78.33 -1.35 0.00	83.23 -2.37 -0.86	97.17 -2.98 -7.03	99.23 -2.73 -7.83	104.75 -2.82 -10.41	128.87 -2.24 -19.15	97.13 -1.76 -6.30	84.32 -0.17 -0.69	76.64 0.68 0.00	65.09 0.84 0.00	57.17 0.84 0.00
NGRID_A1_DSASP 323792	52.26 -2.93 0.00	46.65 -3.08 0.00	44.09 -3.12 0.00	43.68 -2.89 0.00	43.73 -2.94 0.00	45.38 -3.26 0.00	46.57 -4.00 0.00	47.86 -4.73 0.00	52.63 -4.95 0.00	56.89 -4.35 0.00	56.85 -4.68 0.00	59.88 -4.65 0.00	63.47 -4.63 0.00	72.83 -6.85 0.00	77.71 -7.03 0.00	87.35 -8.29 -2.51	89.36 -8.38 -3.61	96.37 -8.16 -7.38	105.43 -9.29 -2.76	88.56 -6.57 -2.55	79.45 -5.61 -1.26	70.03 -5.92 0.00	59.95 -4.30 0.00	54.07 -2.25 0.00
NGRID_A2_DSASP 323793	52.26 -2.93 0.00	46.65 -3.08 0.00	44.09 -3.12 0.00	43.68 -2.89 0.00	43.73 -2.94 0.00	45.38 -3.26 0.00	46.57 -4.00 0.00	47.86 -4.73 0.00	52.63 -4.95 0.00	56.89 -4.35 0.00	56.85 -4.68 0.00	59.88 -4.65 0.00	63.47 -4.63 0.00	72.83 -6.85 0.00	77.71 -7.03 0.00	87.35 -8.29 -2.51	89.36 -8.38 -3.61	96.37 -8.16 -7.38	105.43 -9.29 -2.76	88.56 -6.57 -2.55	79.45 -5.61 -1.26	70.03 -5.92 0.00	59.95 -4.30 0.00	54.07 -2.25 0.00
NGRID_A4_DSASP 323807	52.26 -2.93 0.00	46.65 -3.08 0.00	44.09 -3.12 0.00	43.68 -2.89 0.00	43.73 -2.94 0.00	45.38 -3.26 0.00	46.57 -4.00 0.00	47.86 -4.73 0.00	52.63 -4.95 0.00	56.89 -4.35 0.00	56.85 -4.68 0.00	59.88 -4.65 0.00	63.47 -4.63 0.00	72.83 -6.85 0.00	77.71 -7.03 0.00	87.35 -8.29 -2.51	89.36 -8.38 -3.61	96.37 -8.16 -7.38	105.43 -9.29 -2.76	88.56 -6.57 -2.55	79.45 -5.61 -1.26	70.03 -5.92 0.00	59.95 -4.30 0.00	54.07 -2.25 0.00
NIAGARA_115E_LBMP 323715	52.98 -2.21 0.00	47.30 -2.44 0.00	44.70 -2.50 0.00	43.17 -3.40 0.00	43.21 -3.45 0.00	44.85 -3.79 0.00	46.77 -3.79 0.00	47.97 -4.63 0.00	52.68 -4.89 0.00	56.89 -4.35 0.00	56.85 -4.68 0.00	59.81 -4.71 0.00	63.47 -4.63 0.00	72.99 -6.69 0.00	77.89 -6.86 0.00	87.46 -8.20 -2.53	89.47 -8.28 -3.63	96.68 -7.96 -7.49	105.77 -8.96 -2.77	88.94 -6.20 -2.55	79.53 -5.53 -1.27	70.34 -5.62 0.00	60.08 -4.18 0.00	54.13 -2.20 0.00
NIAGARA_115W_LBMP 323714	52.10 -3.09 0.00	46.55 -3.18 0.00	43.99 -3.21 0.00	43.58 -2.98 0.00	43.63 -3.03 0.00	45.28 -3.36 0.00	46.42 -4.15 0.00	47.76 -4.84 0.00	52.51 -5.07 0.00	56.71 -4.53 0.00	56.66 -4.86 0.00	59.68 -4.84 0.00	63.27 -4.83 0.00	72.67 -7.01 0.00	77.46 -7.29 0.00	87.07 -8.57 -2.51	89.07 -8.66 -3.61	96.17 -8.36 -7.37	105.09 -9.63 -2.76	88.38 -6.76 -2.54	79.19 -5.87 -1.26	69.88 -6.08 0.00	59.82 -4.43 0.00	53.90 -2.42 0.00
NIAGARA_230_LBMP 323716	52.87 -2.32 0.00	47.25 -2.49 0.00	44.65 -2.55 0.00	43.68 -2.89 0.00	43.73 -2.94 0.00	45.38 -3.26 0.00	47.12 -3.44 0.00	48.49 -4.10 0.00	53.32 -4.26 0.00	57.57 -3.67 0.00	57.53 -4.00 0.00	60.58 -3.94 0.00	64.22 -3.88 0.00	73.87 -5.81 0.00	78.81 -5.93 0.00	88.71 -6.89 -2.48	90.72 -6.96 -3.56	97.80 -6.70 -7.35	107.06 -7.62 -2.72	90.00 -5.09 -2.50	80.52 -4.53 -1.24	71.09 -4.86 0.00	60.72 -3.53 0.00	54.64 -1.69 0.00
NIAGARA___115KV_198_GIBSON 55903	52.10 -3.09 0.00	46.55 -3.18 0.00	43.95 -3.26 0.00	42.98 -3.59 0.00	43.07 -3.59 0.00	44.65 -3.99 0.00	46.42 -4.15 0.00	47.13 -5.47 0.00	52.51 -5.07 0.00	56.71 -4.53 0.00	56.66 -4.86 0.00	59.68 -4.84 0.00	63.26 -4.84 0.00	72.60 -7.09 0.00	77.46 -7.29 0.00	87.07 -8.57 -2.51	89.07 -8.66 -3.61	96.17 -8.36 -7.37	105.09 -9.63 -2.76	88.28 -6.85 -2.54	79.28 -5.78 -1.26	69.88 -6.08 0.00	59.44 -4.82 0.00	53.90 -2.42 0.00
NIAGARA____ 23760	52.87 -2.32 0.00	47.25 -2.49 0.00	44.65 -2.55 0.00	43.68 -2.89 0.00	43.73 -2.94 0.00	45.38 -3.26 0.00	47.12 -3.44 0.00	48.49 -4.10 0.00	53.32 -4.26 0.00	57.57 -3.67 0.00	57.53 -4.00 0.00	60.58 -3.94 0.00	64.22 -3.88 0.00	73.87 -5.81 0.00	78.81 -5.93 0.00	88.73 -6.89 -2.50	90.75 -6.96 -3.59	97.84 -6.70 -7.39	107.08 -7.62 -2.74	90.02 -5.09 -2.53	80.53 -4.53 -1.25	71.09 -4.86 0.00	60.72 -3.53 0.00	54.64 -1.69 0.00
NINE_MILE_1 23575	53.59 -1.60 0.00	48.24 -1.49 0.00	45.79 -1.41 0.00	45.03 -1.54 0.00	45.13 -1.54 0.00	46.99 -1.65 0.00	48.90 -1.67 0.00	50.91 -1.69 0.00	55.79 -1.79 0.00	59.40 -1.84 0.00	59.74 -1.79 0.00	62.72 -1.81 0.00	66.26 -1.84 0.00	77.46 -2.23 0.00	82.54 -2.20 0.00	91.73 -2.42 -1.03	93.15 -2.45 -1.48	97.78 -2.43 -3.05	109.05 -2.91 0.00	90.46 -2.13 0.00	81.88 -1.92 0.00	73.91 -2.05 0.00	62.46 -1.80 0.00	54.81 -1.52 0.00
NINE_MILE_2 23744	53.59 -1.60 0.00	48.24 -1.49 0.00	45.79 -1.41 0.00	45.03 -1.54 0.00	45.13 -1.54 0.00	46.99 -1.65 0.00	48.90 -1.67 0.00	50.91 -1.69 0.00	55.79 -1.79 0.00	59.40 -1.84 0.00	59.74 -1.79 0.00	62.72 -1.81 0.00	66.26 -1.84 0.00	77.46 -2.23 0.00	82.54 -2.20 0.00	91.73 -2.42 -1.03	93.15 -2.45 -1.47	97.77 -2.43 -3.04	109.05 -2.91 0.00	90.46 -2.13 0.00	81.88 -1.92 0.00	73.91 -2.05 0.00	62.46 -1.80 0.00	54.81 -1.52 0.00
NM_CAPITAL___DRP 24208	56.46 1.27 0.00	51.03 1.29 0.00	48.53 1.32 0.00	47.87 1.30 0.00	47.79 1.12 0.00	49.81 1.17 0.00	51.78 1.21 0.00	54.02 1.42 0.00	59.02 1.44 0.00	62.71 1.47 0.00	63.00 1.48 0.00	66.46 1.94 0.00	70.14 2.04 0.00	82.40 2.71 0.00	93.78 3.64 -5.38	142.49 4.00 -45.37	156.74 4.05 -58.57	203.33 4.27 -101.90	221.45 4.93 -104.56	182.39 3.80 -86.00	145.76 3.27 -58.69	78.31 2.35 0.00	65.86 1.61 0.00	57.51 1.18 0.00
NM_CENTRAL___DRP 24181	54.69 -0.50 0.00	49.19 -0.55 0.00	46.68 -0.52 0.00	45.91 -0.65 0.00	45.97 -0.70 0.00	47.86 -0.78 0.00	49.85 -0.71 0.00	51.91 -0.68 0.00	57.00 -0.58 0.00	60.75 -0.49 0.00	61.09 -0.43 0.00	64.26 -0.26 0.00	67.89 -0.20 0.00	79.37 -0.32 0.00	84.66 -0.08 0.00	94.42 -0.19 -1.48	96.15 -0.09 -2.12	101.44 -0.10 -4.38	111.96 0.00 0.00	92.87 0.28 0.00	84.05 0.25 0.00	75.73 -0.23 0.00	63.74 -0.51 0.00	55.99 -0.34 0.00

NM_FRONTIER___DRP 24179	52.10 -3.09 0.00	46.55 -3.18 0.00	43.95 -3.26 0.00	42.98 -3.59 0.00	43.07 -3.59 0.00	44.65 -3.99 0.00	46.42 -4.15 0.00	47.13 -5.47 0.00	52.51 -5.07 0.00	56.71 -4.53 0.00	56.66 -4.86 0.00	59.68 -4.84 0.00	63.26 -4.84 0.00	72.60 -7.09 0.00	77.46 -7.29 0.00	87.07 -8.57 -2.51	89.07 -8.66 -3.61	96.17 -8.36 -7.37	105.09 -9.63 -2.76	88.28 -6.85 -2.54	79.28 -5.78 -1.26	69.88 -6.08 0.00	59.44 -4.82 0.00	53.90 -2.42 0.00
NM_ST_REGIS___HYD 24053	55.52 0.33 0.00	49.93 0.20 0.00	47.35 0.14 0.00	46.66 0.09 0.00	47.04 0.37 0.00	49.17 0.54 0.00	51.12 0.56 0.00	52.91 0.32 0.00	57.63 0.06 0.00	60.99 -0.24 0.00	60.79 -0.74 0.00	62.91 -1.61 0.00	66.40 -1.70 0.00	77.46 -2.23 0.00	79.45 -4.24 1.06	79.92 -5.03 8.18	80.10 -5.08 8.94	80.49 -5.34 11.32	82.18 -6.05 23.73	80.24 -4.54 7.81	79.68 -3.27 0.85	74.74 -1.22 0.00	64.00 -0.26 0.00	56.32 0.00 0.00
NORTHPORT___1 23551	56.34 1.16 0.00	52.67 2.93 0.00	50.85 3.63 -0.01	50.39 3.82 -0.01	50.22 3.54 -0.01	51.03 2.38 -0.01	52.89 2.33 0.00	53.59 1.00 0.00	57.26 1.56 1.87	63.56 2.33 0.00	63.93 3.14 0.73	56.00 4.32 12.85	58.61 4.84 14.32	74.35 6.54 11.87	101.37 8.22 -8.40	155.58 9.68 -52.77	149.07 9.88 -45.07	186.08 10.20 -78.72	144.30 11.30 -21.04	141.23 8.42 -40.22	88.36 6.78 2.23	66.01 4.63 14.58	53.73 3.21 13.74	53.07 2.26 5.51
NORTHPORT___2 23552	56.34 1.16 0.00	52.67 2.93 0.00	50.85 3.63 -0.01	50.39 3.82 -0.01	50.22 3.54 -0.01	51.03 2.38 -0.01	52.89 2.33 0.00	53.59 1.00 0.00	57.26 1.56 1.87	63.56 2.33 0.00	63.93 3.14 0.73	56.00 4.32 12.85	58.61 4.84 14.32	74.35 6.54 11.87	101.37 8.22 -8.40	155.58 9.68 -52.77	149.07 9.88 -45.07	186.08 10.20 -78.72	144.30 11.30 -21.04	141.23 8.42 -40.22	88.36 6.78 2.23	66.01 4.63 14.58	53.73 3.21 13.74	53.07 2.26 5.51
NORTHPORT___3 23553	55.89 0.72 0.01	51.67 1.94 0.00	50.04 2.83 -0.01	49.74 3.17 -0.01	49.62 2.94 -0.01	50.20 1.56 -0.01	52.03 1.47 0.00	53.27 0.68 0.01	56.91 1.21 1.88	62.88 1.65 0.01	63.43 2.64 0.74	55.75 4.19 12.97	58.45 4.77 14.42	74.27 6.54 11.96	101.13 8.06 -8.33	154.88 9.22 -52.54	147.54 9.32 -44.09	184.17 9.62 -77.40	142.86 10.64 -20.25	140.53 8.05 -39.89	88.27 6.71 2.23	65.91 4.56 14.60	53.45 2.96 13.76	52.72 1.92 5.52
NORTHPORT___4 23650	55.89 0.72 0.01	51.67 1.94 0.00	50.04 2.83 -0.01	49.74 3.17 -0.01	49.62 2.94 -0.01	50.20 1.56 -0.01	52.03 1.47 0.00	53.27 0.68 0.01	56.91 1.21 1.88	62.88 1.65 0.01	63.43 2.64 0.74	55.75 4.19 12.97	58.45 4.77 14.42	74.27 6.54 11.96	101.13 8.06 -8.33	154.88 9.22 -52.54	147.54 9.32 -44.09	184.17 9.62 -77.40	142.86 10.64 -20.25	140.53 8.05 -39.89	88.27 6.71 2.23	65.91 4.56 14.60	53.45 2.96 13.76	52.72 1.92 5.52
NORTHPORT___IC 23718	56.34 1.16 0.00	52.97 3.23 0.00	50.84 3.63 0.00	50.38 3.82 0.00	50.21 3.55 0.00	52.09 3.45 0.00	52.89 2.33 0.00	54.70 2.10 0.00	57.26 1.55 1.87	63.56 2.33 0.00	63.99 3.20 0.73	55.99 4.32 12.85	58.61 4.84 14.32	74.35 6.53 11.87	101.37 8.22 -8.40	155.58 9.68 -52.77	149.07 9.88 -45.07	186.08 10.20 -78.72	144.31 11.31 -21.04	141.23 8.43 -40.22	88.44 6.87 2.23	66.08 4.71 14.58	53.47 2.96 13.74	53.07 2.25 5.51
NORTH___COUNTRY_ESR 323785	54.69 -0.50 0.00	49.33 -0.40 0.00	46.88 -0.33 0.00	46.24 -0.32 0.00	46.53 -0.14 0.00	48.45 -0.19 0.00	50.36 -0.20 0.00	52.28 -0.31 0.00	56.95 -0.63 0.00	60.51 -0.73 0.00	60.72 -0.80 0.00	63.16 -1.36 0.00	66.60 -1.50 0.00	77.77 -1.91 0.00	81.28 -3.22 0.25	87.66 -3.54 1.93	88.34 -3.67 2.11	90.60 -3.89 2.67	101.88 -4.48 5.60	87.42 -3.33 1.84	81.09 -2.51 0.20	74.51 -1.45 0.00	63.42 -0.84 0.00	55.76 -0.56 0.00
NPX_GEN_1385_PROXY 323591	56.51 1.32 0.00	53.12 3.38 0.00	50.85 3.63 -0.01	50.39 3.82 -0.01	50.22 3.54 -0.01	51.03 2.38 -0.01	53.14 2.58 0.00	54.02 1.42 0.00	57.20 1.49 1.87	63.87 2.63 0.00	63.75 2.95 0.73	56.64 4.97 12.85	59.50 5.72 14.32	75.63 7.81 11.87	102.05 8.90 -8.40	156.23 10.34 -52.77	150.29 11.10 -45.07	187.24 11.36 -78.72	145.87 12.87 -21.04	142.43 9.63 -40.22	120.16 8.38 -27.98	74.86 6.08 7.17	54.50 3.99 13.74	53.57 2.76 5.51
NPX_GEN_CSC 323557	57.45 2.26 0.00	53.37 3.63 -0.01	51.32 4.10 -0.01	50.62 4.05 -0.01	50.50 3.83 -0.01	51.61 2.97 -0.01	53.49 2.93 0.00	54.49 1.89 0.00	60.28 2.82 0.12	64.92 3.67 0.00	74.57 4.74 -8.31	257.53 6.13 -186.88	269.88 6.81 -194.97	252.02 8.61 -163.72	279.96 10.42 -184.80	346.41 11.83 -241.46	333.48 11.76 -227.59	353.28 12.24 -243.88	258.48 13.65 -132.86	258.77 10.64 -155.54	254.82 9.47 -161.55	252.25 6.91 -169.38	228.84 5.27 -159.31	122.53 4.17 -62.03
NSINS_S_GLNS_FALLS 23858	58.67 3.48 0.00	52.82 3.08 0.00	49.99 2.79 0.00	49.22 2.65 0.00	49.19 2.52 0.00	51.36 2.72 0.00	53.55 2.98 0.00	55.70 3.10 0.00	60.92 3.34 0.00	64.73 3.49 0.00	64.48 2.95 0.00	67.68 3.16 0.00	71.23 3.13 0.00	83.43 3.75 0.00	93.86 4.75 -4.37	140.30 5.12 -42.05	154.24 5.27 -54.85	200.29 5.93 -97.21	236.81 7.95 -116.90	198.39 6.48 -99.32	152.12 6.03 -62.29	80.97 5.01 0.00	68.50 4.24 0.00	59.76 3.44 0.00
NUCOR_STEEL___DRP 24197	55.46 0.28 0.00	49.88 0.15 0.00	47.35 0.14 0.00	46.47 -0.09 0.00	46.57 -0.09 0.00	48.44 -0.19 0.00	50.46 -0.10 0.00	52.49 -0.11 0.00	57.63 0.06 0.00	61.42 0.18 0.00	61.77 0.25 0.00	64.91 0.39 0.00	68.51 0.41 0.00	79.93 0.24 0.00	85.43 0.68 0.00	95.71 0.56 -2.03	97.70 0.66 -2.92	104.05 0.87 -6.02	113.19 1.23 0.00	94.07 1.48 0.00	85.23 1.42 0.00	76.71 0.76 0.00	64.64 0.39 0.00	56.83 0.51 0.00
NUMBER_THREE_WT_PWR 323818	57.17 1.98 0.00	51.47 1.74 0.00	48.81 1.61 0.00	47.96 1.40 0.00	48.20 1.54 0.00	50.34 1.70 0.00	52.38 1.82 0.00	54.44 1.84 0.00	59.25 1.67 0.00	62.95 1.71 0.00	61.96 0.43 0.00	64.91 0.39 0.00	68.58 0.48 0.00	80.25 0.56 0.00	85.34 0.34 -0.26	96.20 0.47 -2.61	98.23 1.04 -3.07	102.85 1.07 -4.62	120.26 2.58 -5.72	96.51 2.03 -1.88	87.53 3.52 -0.21	79.07 3.12 0.00	66.57 2.31 0.00	58.24 1.92 0.00
NYISO_LBMP_REFERENCE 24008	55.19 0.00 0.00	49.73 0.00 0.00	47.20 0.00 0.00	46.56 0.00 0.00	46.67 0.00 0.00	48.64 0.00 0.00	50.56 0.00 0.00	52.60 0.00 0.00	57.58 0.00 0.00	61.24 0.00 0.00	61.52 0.00 0.00	64.52 0.00 0.00	68.10 0.00 0.00	79.69 0.00 0.00	84.75 0.00 0.00	93.12 0.00 0.00	94.12 0.00 0.00	97.15 0.00 0.00	111.96 0.00 0.00	92.59 0.00 0.00	83.80 0.00 0.00	75.96 0.00 0.00	64.26 0.00 0.00	56.32 0.00 0.00
NYPA_BRENTWD____GT 24164	57.76 2.54 -0.03	53.66 3.93 0.00	51.60 4.39 -0.01	51.09 4.52 -0.01	50.92 4.25 -0.01	51.91 3.26 -0.01	53.85 3.28 0.00	54.80 2.21 0.00	60.53 2.99 0.04	65.07 3.80 -0.03	67.88 4.62 -1.74	113.02 5.55 -42.95	118.16 6.20 -43.86	124.81 8.13 -36.99	151.33 9.91 -56.68	212.81 11.64 -108.04	284.90 11.96 -178.82	329.01 12.24 -219.61	226.20 13.77 -100.47	176.07 10.46 -73.02	134.92 8.55 -42.57	117.98 6.15 -35.87	102.36 4.37 -33.73	72.89 3.61 -12.96

NYPA_GOWANUS____GT5 24156	57.44 2.26 0.01	52.31 2.58 0.01	49.85 2.64 0.00	49.55 2.98 0.00	49.33 2.66 0.00	50.67 2.04 0.01	52.68 2.12 0.01	55.11 2.52 0.01	60.62 3.05 0.01	64.41 3.18 0.01	64.78 3.26 0.01	69.03 4.51 0.01	72.93 4.84 0.01	86.22 6.54 0.01	93.86 8.65 -0.46	126.04 10.98 -21.94	135.08 10.82 -30.14	166.66 11.26 -58.24	146.05 11.86 -22.23	120.78 8.61 -19.58	101.80 6.87 -11.13	80.58 4.63 0.01	67.33 3.21 0.14	58.69 2.37 0.00
NYPA_GOWANUS____GT6 24157	57.44 2.26 0.01	52.31 2.58 0.01	49.85 2.64 0.00	49.55 2.98 0.00	49.33 2.66 0.00	50.67 2.04 0.01	52.68 2.12 0.01	55.11 2.52 0.01	60.62 3.05 0.01	64.41 3.18 0.01	64.78 3.26 0.01	69.03 4.51 0.01	72.93 4.84 0.01	86.22 6.54 0.01	93.86 8.65 -0.46	126.04 10.98 -21.94	135.08 10.82 -30.14	166.66 11.26 -58.24	146.05 11.86 -22.23	120.78 8.61 -19.58	101.80 6.87 -11.13	80.58 4.63 0.01	67.33 3.21 0.14	58.69 2.37 0.00
NYPA_HARLEM__RVR__GT1 24160	57.44 2.26 0.01	52.22 2.49 0.00	49.56 2.36 0.00	49.40 2.84 0.00	49.14 2.47 0.00	50.43 1.80 0.01	52.52 1.97 0.01	54.85 2.26 0.01	60.16 2.59 0.01	63.86 2.63 0.01	64.41 2.89 0.01	68.70 4.19 0.01	72.51 4.42 0.01	85.66 5.98 0.01	93.53 8.31 -0.47	125.41 10.34 -21.95	134.72 10.45 -30.15	166.19 10.78 -58.25	145.29 11.09 -22.25	120.24 8.05 -19.60	101.20 6.29 -11.11	80.12 4.17 0.01	67.14 2.89 0.01	58.69 2.37 0.00
NYPA_HARLEM__RVR__GT2 24161	57.44 2.26 0.01	52.22 2.49 0.00	49.56 2.36 0.00	49.40 2.84 0.00	49.14 2.47 0.00	50.43 1.80 0.01	52.52 1.97 0.01	54.85 2.26 0.01	60.16 2.59 0.01	63.86 2.63 0.01	64.41 2.89 0.01	68.70 4.19 0.01	72.51 4.42 0.01	85.66 5.98 0.01	93.53 8.31 -0.47	125.41 10.34 -21.95	134.72 10.45 -30.15	166.19 10.78 -58.25	145.29 11.09 -22.25	120.24 8.05 -19.60	101.20 6.29 -11.11	80.12 4.17 0.01	67.14 2.89 0.01	58.69 2.37 0.00
NYPA_KENT____GT 24152	57.50 2.32 0.01	52.37 2.63 0.00	49.85 2.64 0.00	49.50 2.94 0.00	49.33 2.66 0.00	50.72 2.09 0.01	52.83 2.28 0.01	55.16 2.58 0.01	60.68 3.11 0.01	64.41 3.18 0.01	64.78 3.26 0.01	68.90 4.39 0.01	72.86 4.77 0.01	86.13 6.45 0.01	93.77 8.56 -0.47	125.87 10.80 -21.95	135.00 10.73 -30.15	166.47 11.07 -58.25	145.84 11.64 -22.24	120.68 8.51 -19.58	101.47 6.62 -11.05	79.31 4.40 1.05	67.20 3.08 0.14	58.69 2.37 0.00
NYPA_POUCH1____GT 24155	52.17 1.98 5.00	52.15 2.44 0.02	49.75 2.55 0.00	49.50 2.94 0.00	49.23 2.56 0.00	50.53 1.90 0.01	51.74 1.87 0.69	52.10 2.21 2.71	52.19 2.76 8.16	52.21 2.88 11.91	52.70 2.95 11.77	54.09 4.19 14.63	55.96 4.49 16.64	67.56 6.14 18.27	93.43 8.22 -0.46	105.19 10.43 -1.64	108.20 10.35 -3.73	145.00 10.78 -37.07	124.34 11.30 -1.07	98.20 8.24 2.63	77.22 6.45 13.03	63.21 4.25 16.99	53.63 2.89 13.52	52.40 2.02 5.95
NYPA_VERNON____GT2 24162	57.55 2.37 0.01	52.37 2.63 0.00	49.80 2.59 0.00	49.50 2.94 0.00	49.28 2.61 0.00	50.77 2.14 0.01	52.93 2.38 0.01	55.27 2.68 0.01	60.73 3.16 0.01	64.41 3.18 0.01	64.78 3.26 0.01	68.90 4.39 0.01	72.79 4.70 0.01	86.06 6.38 0.01	93.77 8.56 -0.47	125.68 10.61 -21.95	134.90 10.63 -30.15	166.38 10.98 -58.25	145.84 11.64 -22.24	120.60 8.42 -19.58	101.42 6.54 -11.08	78.11 4.25 2.10	67.14 3.02 0.14	58.74 2.42 0.00
NYPA_VERNON____GT3 24163	57.55 2.37 0.01	52.37 2.63 0.00	49.80 2.59 0.00	49.50 2.94 0.00	49.28 2.61 0.00	50.77 2.14 0.01	52.93 2.38 0.01	55.27 2.68 0.01	60.73 3.16 0.01	64.41 3.18 0.01	64.78 3.26 0.01	68.90 4.39 0.01	72.79 4.70 0.01	86.06 6.38 0.01	93.77 8.56 -0.47	125.68 10.61 -21.95	134.90 10.63 -30.15	166.38 10.98 -58.25	145.84 11.64 -22.24	120.60 8.42 -19.58	101.42 6.54 -11.08	78.11 4.25 2.10	67.14 3.02 0.14	58.74 2.42 0.00
NYPA____ASTORIA_CC1 323568	57.39 2.21 0.01	52.27 2.54 0.00	49.70 2.50 0.00	49.40 2.84 0.00	49.19 2.52 0.00	50.63 1.99 0.01	52.78 2.22 0.01	55.06 2.47 0.01	60.50 2.93 0.01	64.23 3.00 0.01	64.53 3.01 0.01	68.70 4.19 0.01	72.58 4.49 0.01	85.82 6.14 0.01	93.53 8.31 -0.47	125.50 10.43 -21.95	134.72 10.45 -30.15	166.18 10.78 -58.25	145.50 11.30 -22.24	120.32 8.15 -19.58	101.18 6.29 -11.10	77.54 4.10 2.51	66.94 2.82 0.14	58.63 2.31 0.00
NYPA____ASTORIA_CC2 323569	57.39 2.21 0.01	52.27 2.54 0.00	49.70 2.50 0.00	49.40 2.84 0.00	49.19 2.52 0.00	50.63 1.99 0.01	52.78 2.22 0.01	55.06 2.47 0.01	60.50 2.93 0.01	64.23 3.00 0.01	64.53 3.01 0.01	68.70 4.19 0.01	72.58 4.49 0.01	85.82 6.14 0.01	93.53 8.31 -0.47	125.50 10.43 -21.95	134.72 10.45 -30.15	166.18 10.78 -58.25	145.50 11.30 -22.24	120.32 8.15 -19.58	101.18 6.29 -11.10	77.54 4.10 2.51	66.94 2.82 0.14	58.63 2.31 0.00
NYPA____HOLTSVILL 23794	57.40 2.21 0.00	53.37 3.63 -0.01	51.32 4.10 -0.01	50.76 4.19 -0.01	50.64 3.96 -0.01	51.61 2.97 -0.01	53.49 2.93 0.00	54.44 1.84 0.00	60.11 2.65 0.11	64.67 3.43 0.00	73.99 4.31 -8.16	253.68 5.61 -183.55	265.78 6.20 -191.49	248.53 8.05 -160.80	276.38 9.74 -181.89	342.81 11.26 -238.43	332.07 11.48 -226.47	350.73 11.75 -241.82	256.16 13.09 -131.10	256.27 10.09 -153.59	251.11 8.46 -158.85	248.53 6.23 -166.35	225.28 4.56 -156.46	120.68 3.44 -60.92
NYPA____HELLGATE_GT1 24158	57.44 2.26 0.01	52.22 2.49 0.00	49.56 2.36 0.00	49.40 2.84 0.00	49.14 2.47 0.00	50.43 1.80 0.01	52.52 1.97 0.01	54.85 2.26 0.01	60.16 2.59 0.01	63.86 2.63 0.01	64.41 2.89 0.01	68.70 4.19 0.01	72.51 4.42 0.01	85.66 5.98 0.01	93.53 8.31 -0.47	125.41 10.34 -21.95	134.72 10.45 -30.15	166.19 10.78 -58.25	145.29 11.09 -22.25	120.24 8.05 -19.60	101.20 6.29 -11.11	80.12 4.17 0.01	67.14 2.89 0.01	58.69 2.37 0.00
NYPA____HELLGATE_GT2 24159	57.44 2.26 0.01	52.22 2.49 0.00	49.56 2.36 0.00	49.40 2.84 0.00	49.14 2.47 0.00	50.43 1.80 0.01	52.52 1.97 0.01	54.85 2.26 0.01	60.16 2.59 0.01	63.86 2.63 0.01	64.41 2.89 0.01	68.70 4.19 0.01	72.51 4.42 0.01	85.66 5.98 0.01	93.53 8.31 -0.47	125.41 10.34 -21.95	134.72 10.45 -30.15	166.19 10.78 -58.25	145.29 11.09 -22.25	120.24 8.05 -19.60	101.20 6.29 -11.11	80.12 4.17 0.01	67.14 2.89 0.01	58.69 2.37 0.00
NYS_BARGE____HYD 23848	53.48 -1.71 0.00	47.74 -1.99 0.00	45.13 -2.08 0.00	43.72 -2.84 0.00	43.82 -2.85 0.00	45.48 -3.16 0.00	47.33 -3.24 0.00	48.70 -3.89 0.00	53.78 -3.80 0.00	58.05 -3.19 0.00	57.89 -3.63 0.00	60.85 -3.68 0.00	64.29 -3.81 0.00	73.87 -5.81 0.00	78.81 -5.93 0.00	88.41 -7.17 -2.45	90.40 -7.25 -3.52	97.61 -6.80 -7.26	107.15 -7.50 -2.69	90.16 -4.91 -2.48	80.76 -4.27 -1.23	71.32 -4.64 0.00	60.98 -3.27 0.00	54.86 -1.46 0.00
OAK ORCHARD____HYD 24046	54.58 -0.61 0.00	48.84 -0.89 0.00	46.21 -0.99 0.00	45.26 -1.30 0.00	45.31 -1.35 0.00	47.13 -1.51 0.00	48.99 -1.57 0.00	50.97 -1.63 0.00	55.97 -1.61 0.00	60.20 -1.04 0.00	60.42 -1.11 0.00	63.36 -1.16 0.00	67.15 -0.95 0.00	77.77 -1.91 0.00	83.05 -1.69 0.00	93.18 -1.96 -2.02	94.86 -2.16 -2.90	101.48 -1.65 -5.98	109.83 -2.13 0.00	91.85 -0.74 0.00	83.30 -0.50 0.00	74.74 -1.22 0.00	63.49 -0.77 0.00	56.32 0.00 0.00

OAKDALE___35_KV_LOAD 356122	55.24 0.06 0.00	49.73 0.00 0.00	47.20 0.00 0.00	46.47 -0.09 0.00	46.53 -0.14 0.00	48.40 -0.24 0.00	50.36 -0.20 0.00	52.39 -0.21 0.00	57.58 0.00 0.00	61.61 0.37 0.00	61.83 0.31 0.00	65.10 0.58 0.00	68.92 0.82 0.00	80.56 0.88 0.00	86.10 1.36 0.00	99.76 1.21 -5.43	102.86 0.94 -7.80	114.21 0.97 -16.09	120.16 1.68 -6.52	100.27 1.67 -6.01	88.29 1.51 -2.98	76.71 0.76 0.00	64.45 0.19 0.00	56.66 0.34 0.00
OCC_CHEM___DRP 24175	52.26 -2.92 0.00	46.65 -3.08 0.00	44.09 -3.12 0.00	43.12 -3.45 0.00	43.17 -3.50 0.00	44.75 -3.89 0.00	46.57 -3.99 0.00	47.23 -5.36 0.00	52.63 -4.95 0.00	56.89 -4.35 0.00	56.79 -4.74 0.00	59.88 -4.65 0.00	63.47 -4.63 0.00	72.83 -6.85 0.00	77.71 -7.03 0.00	87.35 -8.29 -2.51	89.36 -8.38 -3.61	96.37 -8.16 -7.38	105.32 -9.40 -2.76	88.47 -6.67 -2.55	79.45 -5.61 -1.26	70.03 -5.92 0.00	59.57 -4.69 0.00	54.07 -2.25 0.00
OH_GEN_PROXY 24063	52.87 -2.32 0.00	47.25 -2.49 0.00	44.65 -2.55 0.00	43.68 -2.89 0.00	43.77 -2.89 0.00	45.43 -3.21 0.00	47.18 -3.39 0.00	48.60 -4.00 0.00	53.43 -4.15 0.00	57.69 -3.55 0.00	57.65 -3.87 0.00	60.71 -3.81 0.00	64.35 -3.75 0.00	74.11 -5.58 0.00	79.07 -5.68 0.00	89.00 -6.61 -2.49	91.01 -6.68 -3.57	98.21 -6.31 -7.37	107.41 -7.28 -2.73	90.28 -4.82 -2.51	80.78 -4.27 -1.25	71.32 -4.64 0.00	60.85 -3.41 0.00	54.69 -1.64 0.00
OLIN_CORP_DRP 24177	53.04 -2.15 0.00	47.35 -2.39 0.00	44.75 -2.45 0.00	43.77 -2.79 0.00	43.82 -2.85 0.00	45.43 -3.21 0.00	46.87 -3.69 0.00	47.49 -5.10 0.00	52.86 -4.72 0.00	57.08 -4.16 0.00	56.97 -4.55 0.00	60.00 -4.52 0.00	63.67 -4.43 0.00	73.15 -6.53 0.00	78.05 -6.70 0.00	87.75 -7.92 -2.54	89.78 -8.00 -3.65	97.02 -7.68 -7.54	106.02 -8.73 -2.79	89.14 -6.02 -2.57	79.88 -5.20 -1.28	70.49 -5.47 0.00	59.89 -4.37 0.00	54.30 -2.03 0.00
OLIN_CORP_DSASP 323712	52.26 -2.93 0.00	46.65 -3.08 0.00	44.09 -3.12 0.00	43.68 -2.89 0.00	43.73 -2.94 0.00	45.38 -3.26 0.00	46.57 -4.00 0.00	47.86 -4.73 0.00	52.63 -4.95 0.00	56.89 -4.35 0.00	56.85 -4.68 0.00	59.88 -4.65 0.00	63.47 -4.63 0.00	72.83 -6.85 0.00	77.71 -7.03 0.00	87.35 -8.29 -2.51	89.36 -8.38 -3.61	96.37 -8.16 -7.38	105.43 -9.29 -2.76	88.56 -6.57 -2.55	79.45 -5.61 -1.26	70.03 -5.92 0.00	59.95 -4.30 0.00	54.07 -2.25 0.00
ONEIDA_HERK_LFGE 323681	56.90 1.71 0.00	51.28 1.54 0.00	48.67 1.46 0.00	47.82 1.26 0.00	48.07 1.40 0.00	50.15 1.51 0.00	52.13 1.57 0.00	54.28 1.68 0.00	59.30 1.73 0.00	63.07 1.84 0.00	62.75 1.23 0.00	65.88 1.36 0.00	69.60 1.50 0.00	81.52 1.83 0.00	86.89 2.03 -0.12	96.88 2.33 -1.43	98.50 2.63 -1.74	102.67 2.72 -2.80	118.49 3.92 -2.62	96.50 3.05 -0.86	87.33 3.44 -0.09	78.84 2.89 0.00	66.37 2.12 0.00	58.07 1.75 0.00
ONEIDA___115KV_TB4 55905	56.90 1.71 0.00	51.28 1.54 0.00	48.67 1.46 0.00	47.82 1.26 0.00	48.02 1.35 0.00	50.05 1.41 0.00	52.08 1.52 0.00	54.23 1.63 0.00	59.36 1.78 0.00	63.20 1.96 0.00	63.25 1.72 0.00	66.46 1.94 0.00	70.28 2.18 0.00	82.40 2.71 0.00	87.85 3.05 -0.05	97.82 3.35 -1.35	99.69 3.76 -1.80	104.33 3.79 -3.39	118.10 5.04 -1.10	96.93 3.98 -0.36	87.70 3.85 -0.04	79.07 3.11 0.00	66.44 2.18 0.00	58.18 1.86 0.00
ONONDAGA_REF_OCCRA 23987	54.91 -0.28 0.00	49.39 -0.35 0.00	46.92 -0.28 0.00	46.10 -0.47 0.00	46.15 -0.51 0.00	48.06 -0.58 0.00	50.06 -0.51 0.00	52.12 -0.47 0.00	57.29 -0.29 0.00	60.99 -0.24 0.00	61.34 -0.18 0.00	64.52 0.00 0.00	68.10 0.00 0.00	79.61 -0.08 0.00	85.00 0.25 0.00	95.14 0.19 -1.83	97.04 0.28 -2.63	102.98 0.39 -5.43	112.52 0.56 0.00	93.33 0.74 0.00	84.47 0.67 0.00	76.11 0.15 0.00	64.06 -0.19 0.00	56.27 -0.06 0.00
ONONDAGA___COGEN 23986	55.02 -0.17 0.00	49.49 -0.25 0.00	46.97 -0.24 0.00	46.15 -0.42 0.00	46.25 -0.42 0.00	48.15 -0.49 0.00	50.16 -0.40 0.00	52.23 -0.37 0.00	57.35 -0.23 0.00	61.06 -0.18 0.00	61.46 -0.06 0.00	64.59 0.06 0.00	67.89 -0.20 0.00	79.21 -0.48 0.00	84.58 -0.17 0.00	94.54 -0.28 -1.70	96.37 -0.19 -2.44	102.09 -0.10 -5.03	111.85 -0.11 0.00	92.77 0.19 0.00	84.05 0.25 0.00	75.80 -0.15 0.00	63.87 -0.39 0.00	56.32 0.00 0.00
ONTARIO___LFGE 23819	55.52 0.33 0.00	49.88 0.15 0.00	47.25 0.05 0.00	46.29 -0.28 0.00	46.43 -0.23 0.00	48.35 -0.29 0.00	50.41 -0.15 0.00	52.54 -0.05 0.00	57.41 -0.17 0.00	61.36 0.12 0.00	61.59 0.06 0.00	64.65 0.13 0.00	68.37 0.27 0.00	79.69 0.00 0.00	85.09 0.34 0.00	94.80 -0.65 -2.32	96.90 -0.56 -3.33	103.84 -0.19 -6.88	114.93 0.45 -2.52	96.02 1.12 -2.32	86.63 1.68 -1.15	76.87 0.91 0.00	64.90 0.64 0.00	57.00 0.68 0.00
ORANGEVILLE_WT_PWR 323706	54.14 -1.05 0.00	48.44 -1.29 0.00	45.79 -1.41 0.00	44.79 -1.77 0.00	44.85 -1.82 0.00	46.60 -2.04 0.00	48.49 -2.08 0.00	50.23 -2.37 0.00	55.16 -2.42 0.00	59.28 -1.96 0.00	59.19 -2.34 0.00	62.07 -2.45 0.00	65.65 -2.45 0.00	75.94 -3.74 0.00	81.11 -3.64 0.00	91.37 -4.85 -3.09	93.86 -4.70 -4.44	101.85 -4.47 -9.16	111.39 -4.03 -3.46	93.83 -1.95 -3.19	83.96 -1.43 -1.58	73.91 -2.05 0.00	62.78 -1.48 0.00	55.93 -0.39 0.00
ORANGEVILLE___ESR 323794	54.14 -1.05 0.00	48.44 -1.29 0.00	45.79 -1.41 0.00	44.79 -1.77 0.00	44.85 -1.82 0.00	46.60 -2.04 0.00	48.49 -2.08 0.00	50.23 -2.37 0.00	55.16 -2.42 0.00	59.28 -1.96 0.00	59.19 -2.34 0.00	62.07 -2.45 0.00	65.65 -2.45 0.00	75.94 -3.74 0.00	81.11 -3.64 0.00	91.37 -4.85 -3.09	93.86 -4.70 -4.44	101.85 -4.47 -9.16	111.39 -4.03 -3.46	93.83 -1.95 -3.19	83.96 -1.43 -1.58	73.91 -2.05 0.00	62.78 -1.48 0.00	55.93 -0.39 0.00
OSWEGATCHIE___HYD 24044	56.23 1.05 0.00	50.58 0.84 0.00	47.96 0.75 0.00	47.12 0.56 0.00	47.46 0.79 0.00	49.61 0.97 0.00	51.63 1.06 0.00	53.59 1.00 0.00	58.32 0.75 0.00	61.79 0.55 0.00	60.91 -0.62 0.00	63.49 -1.03 0.00	67.01 -1.09 0.00	78.41 -1.28 0.00	83.23 -2.37 -0.86	97.17 -2.98 -7.03	99.23 -2.73 -7.83	104.75 -2.82 -10.41	128.87 -2.24 -19.15	97.13 -1.76 -6.30	84.40 -0.08 -0.69	76.64 0.68 0.00	65.03 0.77 0.00	57.17 0.85 0.00
OSWEGO___5 23606	53.97 -1.21 0.00	48.59 -1.14 0.00	46.12 -1.08 0.00	45.35 -1.21 0.00	45.45 -1.21 0.00	47.33 -1.31 0.00	49.25 -1.31 0.00	51.28 -1.31 0.00	56.19 -1.38 0.00	59.83 -1.41 0.00	60.17 -1.35 0.00	63.23 -1.29 0.00	66.74 -1.36 0.00	78.01 -1.68 0.00	83.22 -1.52 0.00	92.54 -1.77 -1.19	94.05 -1.79 -1.71	98.94 -1.75 -3.54	109.95 -2.01 0.00	91.20 -1.39 0.00	82.55 -1.25 0.00	74.51 -1.45 0.00	62.97 -1.28 0.00	55.20 -1.13 0.00
OSWEGO___6 23613	53.97 -1.21 0.00	48.59 -1.14 0.00	46.12 -1.08 0.00	45.35 -1.21 0.00	45.45 -1.21 0.00	47.33 -1.31 0.00	49.25 -1.31 0.00	51.28 -1.31 0.00	56.19 -1.38 0.00	59.83 -1.41 0.00	60.17 -1.35 0.00	63.23 -1.29 0.00	66.74 -1.36 0.00	78.01 -1.68 0.00	83.22 -1.52 0.00	92.54 -1.77 -1.19	94.05 -1.79 -1.71	98.94 -1.75 -3.54	109.95 -2.01 0.00	91.20 -1.39 0.00	82.55 -1.25 0.00	74.51 -1.45 0.00	62.97 -1.28 0.00	55.20 -1.13 0.00

OUTOKUMPU-AB___DRP 24206	53.75 -1.43 0.00	47.99 -1.74 0.00	45.32 -1.89 0.00	44.28 -2.28 0.00	44.33 -2.33 0.00	46.01 -2.63 0.00	47.73 -2.83 0.00	48.60 -4.00 0.00	54.24 -3.34 0.00	58.61 -2.63 0.00	58.51 -3.01 0.00	61.55 -2.97 0.00	65.03 -3.06 0.00	74.67 -5.02 0.00	79.58 -5.17 0.00	89.35 -6.33 -2.56	91.40 -6.40 -3.68	98.60 -6.12 -7.56	108.29 -6.49 -2.82	90.93 -4.26 -2.60	81.49 -3.60 -1.29	71.93 -4.03 0.00	61.30 -2.96 0.00	55.48 -0.84 0.00
OXBOW___BTM 323836	53.09 -2.10 0.00	47.40 -2.34 0.00	44.80 -2.41 0.00	44.09 -2.47 0.00	44.15 -2.52 0.00	45.82 -2.82 0.00	47.22 -3.34 0.00	48.65 -3.95 0.00	53.55 -4.03 0.00	57.87 -3.37 0.00	57.83 -3.69 0.00	60.85 -3.68 0.00	64.35 -3.75 0.00	73.55 -6.13 0.00	78.39 -6.36 0.00	88.03 -7.63 -2.54	90.15 -7.62 -3.65	97.24 -7.39 -7.47	106.59 -8.17 -2.79	89.51 -5.65 -2.57	80.22 -4.86 -1.28	70.79 -5.17 0.00	60.98 -3.27 0.00	54.92 -1.41 0.00
OXBOW___ 24026	53.09 -2.10 0.00	47.40 -2.34 0.00	44.80 -2.41 0.00	43.77 -2.79 0.00	43.82 -2.85 0.00	45.48 -3.16 0.00	47.23 -3.34 0.00	48.02 -4.58 0.00	53.55 -4.03 0.00	57.87 -3.37 0.00	57.77 -3.75 0.00	60.84 -3.68 0.00	64.35 -3.75 0.00	73.47 -6.22 0.00	78.39 -6.36 0.00	88.03 -7.64 -2.54	90.15 -7.62 -3.65	97.24 -7.38 -7.47	106.47 -8.29 -2.79	89.52 -5.65 -2.57	80.30 -4.78 -1.28	70.79 -5.16 0.00	60.59 -3.66 0.00	54.92 -1.41 0.00
OXY_CHEM_DSASP 323612	52.26 -2.92 0.00	46.65 -3.08 0.00	44.09 -3.12 0.00	43.12 -3.45 0.00	43.17 -3.50 0.00	44.75 -3.89 0.00	46.57 -3.99 0.00	47.23 -5.36 0.00	52.63 -4.95 0.00	56.89 -4.35 0.00	56.79 -4.74 0.00	59.88 -4.65 0.00	63.47 -4.63 0.00	72.83 -6.85 0.00	77.71 -7.03 0.00	87.35 -8.29 -2.51	89.36 -8.38 -3.61	96.37 -8.16 -7.38	105.32 -9.40 -2.76	88.47 -6.67 -2.55	79.45 -5.61 -1.26	70.03 -5.92 0.00	59.57 -4.69 0.00	54.07 -2.25 0.00
OZONE_PARK_ESR 323760	58.55 3.37 0.00	53.12 3.38 0.00	50.46 3.26 0.00	49.96 3.40 0.00	49.79 3.13 0.00	51.75 3.11 0.00	53.80 3.24 0.00	56.38 3.79 0.00	61.78 4.20 0.00	65.59 4.35 0.00	65.89 4.37 0.00	70.13 5.61 0.00	74.16 6.06 0.00	87.74 8.05 0.00	95.39 10.17 -0.47	127.27 12.20 -21.94	136.79 12.52 -30.14	168.22 12.82 -58.24	148.31 14.11 -22.24	122.83 10.65 -19.59	103.47 8.55 -11.12	81.88 5.92 0.00	68.30 4.05 0.00	59.65 3.32 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	52.26 -2.92 0.00	46.65 -3.08 0.00	44.09 -3.12 0.00	43.12 -3.45 0.00	43.17 -3.50 0.00	44.75 -3.89 0.00	46.57 -3.99 0.00	47.23 -5.36 0.00	52.63 -4.95 0.00	56.89 -4.35 0.00	56.79 -4.74 0.00	59.88 -4.65 0.00	63.47 -4.63 0.00	72.83 -6.85 0.00	77.71 -7.03 0.00	87.35 -8.29 -2.51	89.36 -8.38 -3.61	96.37 -8.16 -7.38	105.32 -9.40 -2.76	88.47 -6.67 -2.55	79.45 -5.61 -1.26	70.03 -5.92 0.00	59.57 -4.69 0.00	54.07 -2.25 0.00
PACKARD___115KV_DUPONT_184 80571	52.26 -2.92 0.00	46.65 -3.08 0.00	44.09 -3.12 0.00	43.12 -3.45 0.00	43.17 -3.50 0.00	44.75 -3.89 0.00	46.57 -3.99 0.00	47.23 -5.36 0.00	52.63 -4.95 0.00	56.89 -4.35 0.00	56.79 -4.74 0.00	59.88 -4.65 0.00	63.47 -4.63 0.00	72.83 -6.85 0.00	77.71 -7.03 0.00	87.35 -8.29 -2.51	89.36 -8.38 -3.61	96.37 -8.16 -7.38	105.32 -9.40 -2.76	88.47 -6.67 -2.55	79.45 -5.61 -1.26	70.03 -5.92 0.00	59.57 -4.69 0.00	54.07 -2.25 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	57.56 2.37 0.00	52.22 2.49 0.00	49.71 2.50 0.00	49.50 2.93 0.00	49.23 2.57 0.00	50.73 2.09 0.00	52.64 2.07 0.00	55.17 2.58 0.00	60.34 2.76 0.00	64.06 2.82 0.00	64.54 3.01 0.00	68.84 4.32 0.00	72.73 4.63 0.00	85.98 6.30 0.00	93.78 8.56 -0.47	125.69 10.62 -21.95	135.01 10.73 -30.15	166.58 11.17 -58.25	145.63 11.42 -22.25	120.53 8.33 -19.61	101.54 6.62 -11.12	80.35 4.41 0.01	67.08 2.83 0.01	58.75 2.42 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	58.55 3.37 0.00	53.12 3.38 0.00	50.51 3.30 0.00	50.29 3.73 0.00	50.03 3.36 0.00	51.56 2.92 0.00	53.44 2.88 0.00	55.96 3.37 0.00	61.20 3.63 0.00	64.98 3.74 0.00	65.59 4.06 0.00	69.81 5.29 0.00	73.75 5.65 0.00	87.26 7.57 0.00	95.30 10.08 -0.47	127.46 12.39 -21.95	136.80 12.52 -30.15	168.43 13.02 -58.25	147.87 13.66 -22.25	122.29 10.09 -19.61	103.05 8.13 -11.12	81.64 5.70 0.01	68.17 3.92 0.01	59.76 3.44 0.00
PATROON___115KV_TB1 80586	56.57 1.38 0.00	51.13 1.39 0.00	48.57 1.37 0.00	47.91 1.35 0.00	47.88 1.21 0.00	49.86 1.22 0.00	51.83 1.26 0.00	54.07 1.47 0.00	59.13 1.55 0.00	62.83 1.59 0.00	63.12 1.60 0.00	66.59 2.06 0.00	70.21 2.11 0.00	82.40 2.71 0.00	90.09 3.64 -1.69	122.41 4.00 -25.28	133.26 4.05 -35.09	170.30 4.27 -68.87	186.62 4.81 -69.85	157.49 3.80 -61.11	122.43 3.27 -35.36	78.31 2.35 0.00	65.93 1.67 0.00	57.56 1.24 0.00
PATTRSNVILLE___SOLAR 323815	57.84 2.65 0.00	52.17 2.44 0.00	49.52 2.31 0.00	48.89 2.33 0.00	48.86 2.19 0.00	50.93 2.29 0.00	52.94 2.38 0.00	54.97 2.37 0.00	60.05 2.47 0.00	63.69 2.45 0.00	63.86 2.34 0.00	67.04 2.51 0.00	70.75 2.65 0.00	82.96 3.27 0.00	91.36 4.07 -2.54	131.14 4.47 -33.55	143.78 4.61 -45.05	186.14 5.05 -83.94	219.85 6.38 -101.51	186.70 5.46 -88.65	140.30 4.94 -51.56	79.98 4.02 0.00	67.60 3.34 0.00	58.97 2.65 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	53.70 -1.49 0.00	47.94 -1.79 0.00	45.27 -1.94 0.00	44.28 -2.28 0.00	44.33 -2.33 0.00	46.06 -2.58 0.00	47.93 -2.63 0.00	49.18 -3.42 0.00	54.70 -2.88 0.00	58.91 -2.33 0.00	58.88 -2.65 0.00	62.01 -2.52 0.00	65.78 -2.32 0.00	76.02 -3.67 0.00	81.10 -3.64 0.00	90.33 -5.59 -2.79	92.68 -5.46 -4.02	100.09 -5.34 -8.28	111.04 -4.03 -3.11	93.14 -2.31 -2.86	83.21 -2.01 -1.42	73.30 -2.66 0.00	61.81 -2.44 0.00	55.54 -0.79 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	58.11 2.92 0.00	52.67 2.93 0.00	50.04 2.83 0.00	49.54 2.98 0.00	49.37 2.71 0.00	51.36 2.72 0.00	53.34 2.78 0.00	55.86 3.26 0.00	61.15 3.57 0.00	64.98 3.74 0.00	65.40 3.88 0.00	69.55 5.03 0.00	73.89 5.79 0.00	87.34 7.65 0.00	94.07 9.32 0.00	125.81 10.99 -21.69	135.42 11.39 -29.91	167.12 11.85 -58.11	142.89 13.21 -17.71	118.73 9.81 -16.32	99.86 7.96 -8.10	81.80 5.85 0.00	68.05 3.79 0.00	59.25 2.93 0.00
PEEKSKILL___ 23653	57.34 2.15 0.00	52.02 2.29 0.00	49.47 2.27 0.00	48.98 2.42 0.00	48.81 2.15 0.00	50.63 1.99 0.00	52.74 2.17 0.00	55.02 2.42 0.00	60.45 2.88 0.00	64.12 2.88 0.00	64.54 3.01 0.00	68.59 4.07 0.00	72.66 4.56 0.00	85.82 6.14 0.00	93.09 7.88 -0.46	124.09 9.31 -21.66	133.49 9.61 -29.76	164.51 9.81 -57.54	144.75 10.86 -21.93	119.97 8.05 -19.33	101.12 6.37 -10.96	80.36 4.40 0.00	67.21 2.96 0.00	58.46 2.14 0.00
PGE MADISON___WINDPWR 24146	59.77 4.58 0.00	53.81 4.08 0.00	51.08 3.87 0.00	50.06 3.49 0.00	50.35 3.69 0.00	52.53 3.89 0.00	54.66 4.09 0.00	57.02 4.42 0.00	62.24 4.66 0.00	66.44 5.20 0.00	66.33 4.80 0.00	69.56 5.04 0.00	73.61 5.51 0.00	85.98 6.29 0.00	91.78 7.03 0.00	106.25 7.91 -5.22	110.46 8.85 -7.50	121.75 9.13 -15.47	132.46 12.65 -7.85	109.92 10.09 -7.24	96.86 9.47 -3.59	83.71 7.75 0.00	70.10 5.85 0.00	61.33 5.01 0.00

PIERCEFIELD___HYD 23852	55.52 0.33 0.00	49.88 0.15 0.00	47.30 0.09 0.00	46.61 0.05 0.00	46.99 0.33 0.00	49.17 0.54 0.00	51.12 0.56 0.00	52.91 0.32 0.00	57.58 0.00 0.00	60.87 -0.37 0.00	60.54 -0.98 0.00	62.65 -1.87 0.00	66.06 -2.04 0.00	77.06 0.00 0.00	78.71 -4.83 1.21	78.13 -5.68 9.32	78.19 -5.74 10.19	78.24 -6.02 12.89	78.20 -6.72 27.04	78.51 -5.19 8.90	78.89 -3.94 0.97	74.44 -1.52 0.00	63.81 -0.45 0.00	56.21 -0.11 0.00
PINELAWN_CC_1 323563	57.56 2.37 0.00	53.27 3.53 0.00	51.18 3.97 -0.01	50.62 4.05 -0.01	50.50 3.83 -0.01	51.57 2.92 -0.01	53.49 2.93 0.00	54.75 2.16 0.00	60.35 2.82 0.05	64.79 3.55 0.00	66.55 4.49 -0.54	91.38 5.87 -20.99	94.32 6.47 -19.75	105.07 8.44 -16.94	128.53 10.25 -33.53	189.45 12.10 -84.22	277.28 12.33 -170.83	333.50 12.72 -223.62	227.80 14.33 -101.51	166.29 11.01 -62.69	113.71 8.97 -20.93	94.67 6.60 -12.11	80.30 4.69 -11.35	63.92 3.55 -4.04
PJM_GEN_HTTP_PROXY 323702	57.84 2.65 0.00	52.47 2.73 0.00	49.89 2.69 0.00	49.40 2.84 0.00	49.28 2.61 0.00	51.02 2.38 0.00	53.19 2.63 0.00	55.54 2.94 0.00	61.09 3.51 0.00	64.79 3.55 0.00	65.09 3.57 0.00	69.30 4.77 0.00	73.27 5.17 0.00	86.62 6.93 0.00	94.11 8.90 -0.47	125.77 10.70 -21.94	135.18 10.91 -30.14	166.46 11.07 -58.24	146.40 12.21 -22.24	121.15 8.98 -19.59	101.96 7.04 -11.12	80.67 4.71 0.00	67.60 3.34 0.00	58.86 2.54 0.00
PJM_GEN_KEystone 24065	54.78 -0.06 0.35	49.73 0.00 0.00	46.22 -0.05 0.94	45.31 -0.09 1.16	45.31 -0.23 1.12	48.20 -0.44 0.00	50.16 -0.35 0.05	52.14 -0.26 0.19	56.95 -0.06 0.57	60.41 0.00 0.83	60.70 0.00 0.82	64.08 0.58 1.02	67.75 0.82 1.17	79.52 1.12 1.28	86.00 2.03 0.78	106.82 2.14 -11.55	112.55 2.35 -16.07	133.02 2.43 -33.43	124.29 3.02 -9.31	103.48 2.50 -8.38	88.88 1.84 -3.24	75.37 0.60 1.19	63.50 0.19 0.95	56.13 0.23 0.42
PJM_GEN_NEPTUNE_PROXY 323594	56.95 1.77 0.00	52.57 2.83 0.00	50.37 3.16 -0.01	49.88 3.31 -0.01	49.75 3.08 -0.01	50.93 2.29 -0.01	52.84 2.28 0.00	54.28 1.68 0.00	59.82 2.24 0.00	64.06 2.82 0.00	65.22 3.69 0.00	70.39 4.90 -0.96	74.25 5.38 -0.77	87.47 7.09 -0.69	116.01 8.81 -22.45	175.19 10.43 -71.64	268.40 10.63 -163.65	318.26 10.88 -210.23	212.84 12.10 -88.78	147.72 9.08 -46.05	102.39 7.46 -11.13	81.39 5.32 -0.12	68.19 3.86 -0.08	59.13 2.82 0.01
PJM_GEN_VFT_PROXY 323633	52.55 2.37 5.01	52.19 2.49 0.03	49.65 2.45 0.01	49.16 2.61 0.01	49.04 2.38 0.01	50.76 2.14 0.02	52.24 2.38 0.70	52.56 2.68 2.72	52.64 3.22 8.16	52.50 3.18 11.92	52.88 3.14 11.78	54.14 4.26 14.63	56.15 4.70 16.64	67.71 6.29 18.27	82.42 8.31 10.64	104.90 10.15 -1.63	108.10 10.26 -3.72	144.71 10.50 -37.06	124.45 11.43 -1.06	98.38 8.42 2.64	77.21 6.45 13.04	63.13 4.17 17.00	53.62 2.89 13.53	52.51 2.14 5.96
PLATSBURG_115KV_PMLD1 355749	54.31 -0.88 0.00	49.19 -0.55 0.00	46.92 -0.28 0.00	46.28 -0.28 0.00	46.57 -0.09 0.00	48.30 -0.34 0.00	50.21 -0.35 0.00	51.75 -0.84 0.00	56.54 -1.04 0.00	60.14 -1.10 0.00	60.36 -1.17 0.00	62.78 -1.74 0.00	66.19 -1.91 0.00	77.30 -2.39 0.00	80.86 -3.73 0.16	87.80 -4.10 1.23	88.55 -4.24 1.34	90.99 -4.47 1.70	103.14 -5.26 3.56	87.62 -3.80 1.17	80.74 -2.93 0.13	74.06 -1.90 0.00	63.23 -1.03 0.00	55.37 -0.96 0.00
PLEASANTVLY___LBMP 24000	57.12 1.93 0.00	51.82 2.09 0.00	49.28 2.08 0.00	48.71 2.14 0.00	48.63 1.96 0.00	50.54 1.90 0.00	52.53 1.97 0.00	54.96 2.37 0.00	60.05 2.48 0.00	63.75 2.51 0.00	64.17 2.65 0.00	68.07 3.55 0.00	72.05 3.95 0.00	85.11 5.42 0.00	92.17 6.86 -0.56	124.64 8.10 -23.42	134.47 8.28 -32.06	167.22 8.45 -61.62	145.29 9.40 -23.92	120.60 7.04 -20.97	101.56 5.70 -12.06	79.90 3.95 0.00	66.70 2.44 0.00	58.18 1.86 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	57.56 2.37 0.00	52.27 2.54 0.00	49.71 2.50 0.00	49.17 2.61 0.00	49.05 2.38 0.00	50.97 2.33 0.00	52.94 2.38 0.00	55.44 2.84 0.00	60.69 3.11 0.00	64.42 3.18 0.00	64.85 3.32 0.00	68.97 4.45 0.00	73.14 5.04 0.00	86.46 6.77 0.00	93.70 8.47 -0.48	125.30 10.06 -22.12	134.77 10.26 -30.38	166.44 10.59 -58.70	146.13 11.76 -22.41	121.03 8.70 -19.74	102.05 7.04 -11.21	80.82 4.86 0.00	67.34 3.08 0.00	58.69 2.37 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	57.56 2.37 0.00	52.27 2.54 0.00	49.71 2.50 0.00	49.17 2.61 0.00	49.05 2.38 0.00	50.97 2.33 0.00	52.94 2.38 0.00	55.44 2.84 0.00	60.69 3.11 0.00	64.42 3.18 0.00	64.85 3.32 0.00	68.97 4.45 0.00	73.14 5.04 0.00	86.46 6.77 0.00	93.70 8.47 -0.48	125.30 10.06 -22.12	134.77 10.26 -30.38	166.44 10.59 -58.70	146.13 11.76 -22.41	121.03 8.70 -19.74	102.05 7.04 -11.21	80.82 4.86 0.00	67.34 3.08 0.00	58.69 2.37 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	57.62 2.43 0.00	52.22 2.49 0.00	49.66 2.45 0.00	49.08 2.51 0.00	48.95 2.29 0.00	50.97 2.33 0.00	52.94 2.38 0.00	55.38 2.79 0.00	60.57 2.99 0.00	64.30 3.06 0.00	64.66 3.14 0.00	68.59 4.06 0.00	72.66 4.56 0.00	85.82 6.14 0.00	92.99 7.71 -0.53	124.22 9.03 -22.06	133.83 9.32 -30.39	165.75 9.62 -58.97	146.56 10.75 -23.85	121.69 8.15 -20.96	102.48 6.70 -11.98	80.89 4.94 0.00	67.40 3.15 0.00	58.80 2.48 0.00
POLETTI____ 23519	57.84 2.65 0.00	52.47 2.74 0.00	49.89 2.69 0.00	49.40 2.84 0.00	49.28 2.61 0.00	51.17 2.53 0.00	53.19 2.63 0.00	55.75 3.16 0.00	61.03 3.45 0.00	64.73 3.49 0.00	65.03 3.51 0.00	69.17 4.65 0.00	73.14 5.04 0.00	86.54 6.85 0.00	94.03 8.81 -0.47	125.68 10.62 -21.94	135.09 10.82 -30.14	166.47 11.08 -58.24	146.40 12.20 -22.24	121.16 8.98 -19.59	101.96 7.04 -11.12	80.66 4.71 0.00	67.28 3.02 0.00	58.80 2.48 0.00
POMONA___ESR 323819	57.23 2.04 0.00	51.92 2.19 0.00	49.33 2.13 0.00	48.85 2.28 0.00	48.67 2.01 0.00	50.49 1.85 0.00	52.64 2.07 0.00	54.97 2.37 0.00	60.40 2.82 0.00	64.06 2.82 0.00	64.48 2.95 0.00	68.52 4.00 0.00	72.59 4.49 0.00	85.74 6.05 0.00	92.88 7.71 -0.43	123.35 9.22 -21.01	132.44 9.41 -28.91	162.78 9.62 -56.00	143.82 10.64 -21.22	119.19 7.87 -18.74	100.65 6.29 -10.56	80.28 4.33 0.00	67.15 2.89 0.00	58.41 2.09 0.00
PORT_JEFF_3 23555	57.45 2.26 0.00	53.48 3.73 -0.01	51.41 4.20 -0.01	50.85 4.28 -0.01	50.73 4.06 -0.01	51.71 3.07 -0.01	53.55 2.98 0.00	54.28 1.68 0.00	59.98 2.53 0.13	64.55 3.30 0.00	74.16 4.12 -8.51	261.26 5.42 -191.32	273.79 6.06 -199.63	255.21 7.89 -167.63	283.05 9.57 -188.73	349.76 11.08 -245.56	334.51 11.29 -229.10	354.40 11.56 -245.69	259.40 12.87 -134.57	260.60 9.91 -158.10	257.22 8.22 -165.20	255.44 6.00 -173.49	231.74 4.31 -163.17	123.13 3.27 -63.54
PORT_JEFF_4 23616	57.45 2.26 0.00	53.48 3.73 -0.01	51.41 4.20 -0.01	50.85 4.28 -0.01	50.73 4.06 -0.01	51.71 3.07 -0.01	53.55 2.98 0.00	54.28 1.68 0.00	59.98 2.53 0.13	64.55 3.30 0.00	74.16 4.12 -8.51	261.26 5.42 -191.32	273.79 6.06 -199.63	255.21 7.89 -167.63	283.05 9.57 -188.73	349.76 11.08 -245.56	334.51 11.29 -229.10	354.40 11.56 -245.69	259.40 12.87 -134.57	260.60 9.91 -158.10	257.22 8.22 -165.20	255.44 6.00 -173.49	231.74 4.31 -163.17	123.13 3.27 -63.54

PORT_JEFF_IC 23713	57.62 2.43 0.00	53.88 4.13 -0.01	51.50 4.30 0.00	50.94 4.38 0.00	50.77 4.11 0.00	52.77 4.13 0.00	53.65 3.08 0.00	55.44 2.84 0.00	60.11 2.71 0.17	64.73 3.49 0.00	75.52 4.18 -9.81	290.13 5.48 -220.13	304.03 6.13 -229.80	280.68 8.05 -192.95	308.63 9.75 -214.14	376.45 11.27 -272.06	344.48 11.48 -238.87	368.02 11.76 -259.11	271.96 13.21 -146.79	277.47 10.09 -174.79	281.04 8.46 -188.78	282.09 6.15 -199.98	256.53 4.18 -188.10	132.86 3.27 -73.27
PPL PILGRIM_ST_GT1 24216	57.76 2.54 -0.03	53.66 3.93 0.00	51.60 4.39 -0.01	51.09 4.52 -0.01	50.92 4.25 -0.01	51.91 3.26 -0.01	53.85 3.28 0.00	54.80 2.21 0.00	60.53 2.99 0.04	65.07 3.80 -0.03	67.88 4.62 -1.74	113.02 5.55 -42.95	118.16 6.20 -43.86	124.81 8.13 -36.99	151.33 9.91 -56.68	212.81 11.64 -108.04	284.90 11.96 -178.82	329.01 12.24 -219.61	226.20 13.77 -100.47	176.07 10.46 -73.02	134.92 8.55 -42.57	117.98 6.15 -35.87	102.36 4.37 -33.73	72.89 3.61 -12.96
PPL PILGRIM_ST_GT2 24217	57.76 2.54 -0.03	53.66 3.93 0.00	51.60 4.39 -0.01	51.09 4.52 -0.01	50.92 4.25 -0.01	51.91 3.26 -0.01	53.85 3.28 0.00	54.80 2.21 0.00	60.53 2.99 0.04	65.07 3.80 -0.03	67.88 4.62 -1.74	113.02 5.55 -42.95	118.16 6.20 -43.86	124.81 8.13 -36.99	151.33 9.91 -56.68	212.81 11.64 -108.04	284.90 11.96 -178.82	329.01 12.24 -219.61	226.20 13.77 -100.47	176.07 10.46 -73.02	134.92 8.55 -42.57	117.98 6.15 -35.87	102.36 4.37 -33.73	72.89 3.61 -12.96
PPL_SHRM_GT3 24213	57.56 2.37 0.00	53.48 3.73 -0.01	51.37 4.15 -0.01	50.71 4.14 -0.01	50.55 3.87 -0.01	51.66 3.02 -0.01	53.55 2.98 0.00	54.54 1.95 0.00	60.32 2.88 0.13	64.92 3.67 0.00	75.02 4.80 -8.69	266.15 6.26 -195.38	278.91 6.95 -203.86	259.64 8.77 -171.18	287.61 10.59 -192.27	354.48 12.10 -249.25	335.98 11.38 -230.48	357.08 11.75 -248.17	261.86 13.20 -136.69	264.08 11.01 -160.47	261.92 9.63 -168.48	260.27 7.14 -177.17	236.30 5.40 -166.64	125.50 4.28 -64.89
PPL_SHRM_GT4 24214	57.56 2.37 0.00	53.48 3.73 -0.01	51.37 4.15 -0.01	50.71 4.14 -0.01	50.55 3.87 -0.01	51.66 3.02 -0.01	53.55 2.98 0.00	54.54 1.95 0.00	60.32 2.88 0.13	64.92 3.67 0.00	75.02 4.80 -8.69	266.15 6.26 -195.38	278.91 6.95 -203.86	259.64 8.77 -171.18	287.61 10.59 -192.27	354.48 12.10 -249.25	335.98 11.38 -230.48	357.08 11.75 -248.17	261.86 13.20 -136.69	264.08 11.01 -160.47	261.92 9.63 -168.48	260.27 7.14 -177.17	236.30 5.40 -166.64	125.50 4.28 -64.89
PROJECT___ORANGE 1 24174	54.69 -0.50 0.00	49.24 -0.50 0.00	46.73 -0.47 0.00	45.91 -0.65 0.00	46.01 -0.65 0.00	47.91 -0.73 0.00	49.85 -0.71 0.00	51.91 -0.68 0.00	57.06 -0.52 0.00	60.81 -0.43 0.00	61.16 -0.37 0.00	64.33 -0.19 0.00	67.96 -0.14 0.00	79.45 -0.24 0.00	84.75 0.00 0.00	94.53 -0.09 -1.50	96.28 0.00 -2.15	101.60 0.00 -4.45	112.07 0.11 0.00	92.96 0.37 0.00	84.05 0.25 0.00	75.80 -0.15 0.00	63.81 -0.45 0.00	56.04 -0.28 0.00
PROJECT___ORANGE 2 24166	54.69 -0.50 0.00	49.24 -0.50 0.00	46.73 -0.47 0.00	45.91 -0.65 0.00	46.01 -0.65 0.00	47.91 -0.73 0.00	49.85 -0.71 0.00	51.91 -0.68 0.00	57.06 -0.52 0.00	60.81 -0.43 0.00	61.16 -0.37 0.00	64.33 -0.19 0.00	67.96 -0.14 0.00	79.45 -0.24 0.00	84.75 0.00 0.00	94.53 -0.09 -1.50	96.28 0.00 -2.15	101.60 0.00 -4.45	112.07 0.11 0.00	92.96 0.37 0.00	84.05 0.25 0.00	75.80 -0.15 0.00	63.81 -0.45 0.00	56.04 -0.28 0.00
PUCKETT___SOLAR 323809	56.35 1.16 0.00	50.68 0.94 0.00	48.15 0.94 0.00	47.35 0.79 0.00	47.46 0.79 0.00	49.42 0.78 0.00	51.42 0.86 0.00	53.54 0.95 0.00	58.67 1.09 0.00	62.65 1.41 0.00	62.82 1.29 0.00	66.01 1.49 0.00	69.80 1.70 0.00	81.60 1.91 0.00	87.21 2.46 0.00	101.23 2.52 -5.59	104.69 2.54 -8.03	116.43 2.72 -16.56	123.46 4.14 -7.35	103.07 3.71 -6.77	90.52 3.36 -3.36	78.39 2.43 0.00	65.99 1.74 0.00	57.73 1.41 0.00
PYRITES___HYD 24023	56.62 1.43 0.00	50.88 1.14 0.00	48.20 0.99 0.00	47.45 0.88 0.00	47.97 1.31 0.00	50.20 1.56 0.00	52.13 1.57 0.00	53.91 1.31 0.00	58.50 0.92 0.00	61.85 0.61 0.00	61.52 0.00 0.00	63.62 -0.90 0.00	67.08 -1.02 0.00	78.33 -1.35 0.00	80.06 -3.47 1.21	79.71 -4.10 9.32	79.98 -3.95 10.19	80.28 -3.98 12.90	80.89 -4.03 27.04	80.91 -2.78 8.90	81.15 -1.68 0.97	76.33 0.38 0.00	65.22 0.96 0.00	57.39 1.07 0.00
QUAKERRD_115KV_BK1 80622	53.59 -1.60 0.00	47.94 -1.79 0.00	45.46 -1.75 0.00	44.52 -2.05 0.00	44.57 -2.10 0.00	46.40 -2.24 0.00	48.24 -2.33 0.00	49.91 -2.68 0.00	55.10 -2.48 0.00	59.22 -2.02 0.00	59.43 -2.09 0.00	62.33 -2.19 0.00	66.06 -2.04 0.00	76.66 -3.03 0.00	81.87 -2.88 0.00	91.80 -3.26 -1.94	93.43 -3.48 -2.79	99.89 -3.01 -5.75	108.15 -3.81 0.00	90.28 -2.31 0.00	81.96 -1.84 0.00	73.52 -2.43 0.00	62.14 -2.12 0.00	55.20 -1.13 0.00
QUENSBRY_115KV_TB8 356137	58.67 3.48 0.00	52.82 3.08 0.00	49.99 2.79 0.00	49.22 2.65 0.00	49.19 2.52 0.00	51.31 2.68 0.00	53.55 2.98 0.00	55.70 3.10 0.00	60.97 3.40 0.00	64.79 3.55 0.00	64.54 3.01 0.00	67.68 3.16 0.00	71.23 3.13 0.00	83.35 3.67 0.00	93.68 4.66 -4.28	139.83 5.12 -41.59	153.70 5.27 -54.30	199.44 5.83 -96.46	236.10 7.95 -116.19	197.93 6.48 -98.85	151.69 6.12 -61.77	81.04 5.09 0.00	68.50 4.24 0.00	59.82 3.49 0.00
RAMAPO___LBMP 323565	57.01 1.82 0.00	51.72 1.99 0.00	49.14 1.94 0.00	48.66 2.10 0.00	48.53 1.87 0.00	50.49 1.85 0.00	52.43 1.87 0.00	54.91 2.31 0.00	60.11 2.53 0.00	63.75 2.51 0.00	64.17 2.65 0.00	68.13 3.61 0.00	72.18 4.09 0.00	85.35 5.66 0.00	91.87 7.12 0.00	122.40 8.47 -20.80	131.42 8.66 -28.63	161.50 8.84 -55.51	138.50 9.85 -16.69	115.28 7.31 -15.38	97.30 5.87 -7.63	79.90 3.95 0.00	66.63 2.38 0.00	58.13 1.80 0.00
RANKINE____ 23646	54.03 -1.16 0.00	48.24 -1.49 0.00	45.55 -1.65 0.00	44.56 -2.00 0.00	44.61 -2.05 0.00	46.30 -2.33 0.00	48.19 -2.38 0.00	49.23 -3.37 0.00	54.81 -2.76 0.00	59.10 -2.14 0.00	59.06 -2.46 0.00	62.13 -2.39 0.00	65.92 -2.18 0.00	76.02 -3.67 0.00	81.10 -3.64 0.00	90.92 -4.94 -2.73	93.25 -4.80 -3.92	100.67 -4.57 -8.09	110.85 -4.14 -3.03	93.06 -2.31 -2.79	83.17 -2.01 -1.38	73.30 -2.66 0.00	62.01 -2.25 0.00	55.87 -0.45 0.00
RAVENSWOOD_GT2_1 24244	57.84 2.65 0.00	52.47 2.74 0.00	49.89 2.69 0.00	49.45 2.89 0.00	49.28 2.61 0.00	51.17 2.53 0.00	53.19 2.63 0.00	55.75 3.16 0.00	61.03 3.45 0.00	64.73 3.49 0.00	65.09 3.57 0.00	69.23 4.71 0.00	73.14 5.04 0.00	86.54 6.85 0.00	93.95 8.73 -0.47	125.59 10.52 -21.94	135.00 10.73 -30.15	166.38 10.98 -58.25	146.29 12.09 -22.24	121.07 8.89 -19.59	101.96 7.04 -11.12	80.66 4.71 0.00	67.34 3.08 0.00	58.86 2.53 0.00
RAVENSWOOD_GT2_2 24245	57.84 2.65 0.00	52.47 2.74 0.00	49.89 2.69 0.00	49.45 2.89 0.00	49.28 2.61 0.00	51.17 2.53 0.00	53.19 2.63 0.00	55.75 3.16 0.00	61.03 3.45 0.00	64.73 3.49 0.00	65.09 3.57 0.00	69.23 4.71 0.00	73.14 5.04 0.00	86.54 6.85 0.00	93.95 8.73 -0.47	125.59 10.52 -21.94	135.00 10.73 -30.15	166.38 10.98 -58.25	146.29 12.09 -22.24	121.07 8.89 -19.59	101.96 7.04 -11.12	80.66 4.71 0.00	67.34 3.08 0.00	58.86 2.53 0.00

RAVENSWOOD_GT2_3 24246	57.89 2.70 0.00	52.52 2.79 0.00	49.94 2.74 0.00	49.45 2.89 0.00	49.33 2.66 0.00	51.22 2.58 0.00	53.19 2.63 0.00	55.80 3.21 0.00	61.09 3.51 0.00	64.79 3.55 0.00	65.15 3.63 0.00	69.23 4.71 0.00	73.21 5.11 0.00	86.62 6.93 0.00	94.03 8.81 -0.47	125.68 10.62 -21.94	135.09 10.82 -30.15	166.48 11.08 -58.25	146.40 12.20 -22.24	121.16 8.98 -19.59	102.04 7.12 -11.12	80.74 4.79 0.00	67.40 3.15 0.00	58.91 2.59 0.00
RAVENSWOOD_GT2_4 24247	57.89 2.70 0.00	52.52 2.79 0.00	49.94 2.74 0.00	49.45 2.89 0.00	49.33 2.66 0.00	51.22 2.58 0.00	53.19 2.63 0.00	55.80 3.21 0.00	61.09 3.51 0.00	64.79 3.55 0.00	65.15 3.63 0.00	69.23 4.71 0.00	73.21 5.11 0.00	86.62 6.93 0.00	94.03 8.81 -0.47	125.68 10.62 -21.94	135.09 10.82 -30.15	166.48 11.08 -58.25	146.40 12.20 -22.24	121.16 8.98 -19.59	102.04 7.12 -11.12	80.74 4.79 0.00	67.40 3.15 0.00	58.91 2.59 0.00
RAVENSWOOD_GT3_1 24248	57.84 2.65 0.00	52.52 2.79 0.00	49.89 2.69 0.00	49.45 2.89 0.00	49.28 2.61 0.00	51.22 2.58 0.00	53.19 2.63 0.00	55.75 3.16 0.00	61.03 3.45 0.00	64.79 3.55 0.00	65.09 3.57 0.00	69.23 4.71 0.00	73.14 5.04 0.00	86.54 6.85 0.00	93.95 8.73 -0.47	125.59 10.52 -21.94	135.00 10.73 -30.15	166.38 10.98 -58.25	146.29 12.09 -22.24	121.07 8.89 -19.59	101.96 7.04 -11.12	80.74 4.79 0.00	67.34 3.08 0.00	58.86 2.53 0.00
RAVENSWOOD_GT3_2 24249	57.84 2.65 0.00	52.52 2.79 0.00	49.89 2.69 0.00	49.45 2.89 0.00	49.28 2.61 0.00	51.22 2.58 0.00	53.19 2.63 0.00	55.75 3.16 0.00	61.03 3.45 0.00	64.79 3.55 0.00	65.09 3.57 0.00	69.23 4.71 0.00	73.14 5.04 0.00	86.54 6.85 0.00	93.95 8.73 -0.47	125.59 10.52 -21.94	135.00 10.73 -30.15	166.38 10.98 -58.25	146.29 12.09 -22.24	121.07 8.89 -19.59	101.96 7.04 -11.12	80.74 4.79 0.00	67.34 3.08 0.00	58.86 2.53 0.00
RAVENSWOOD_GT3_3 24250	57.95 2.76 0.00	52.57 2.83 0.00	49.99 2.79 0.00	49.50 2.93 0.00	49.37 2.71 0.00	51.27 2.63 0.00	53.29 2.73 0.00	55.86 3.26 0.00	61.15 3.57 0.00	64.91 3.67 0.00	65.22 3.69 0.00	69.36 4.84 0.00	73.34 5.24 0.00	86.70 7.01 0.00	94.20 8.98 -0.47	125.87 10.80 -21.94	135.28 11.01 -30.15	166.67 11.27 -58.25	146.63 12.43 -22.24	121.35 9.17 -19.59	102.21 7.29 -11.12	80.89 4.94 0.00	67.53 3.28 0.00	58.97 2.65 0.00
RAVENSWOOD_GT3_4 24251	57.95 2.76 0.00	52.57 2.83 0.00	49.99 2.79 0.00	49.50 2.93 0.00	49.37 2.71 0.00	51.27 2.63 0.00	53.29 2.73 0.00	55.86 3.26 0.00	61.15 3.57 0.00	64.91 3.67 0.00	65.22 3.69 0.00	69.36 4.84 0.00	73.34 5.24 0.00	86.70 7.01 0.00	94.20 8.98 -0.47	125.87 10.80 -21.94	135.28 11.01 -30.15	166.67 11.27 -58.25	146.63 12.43 -22.24	121.35 9.17 -19.59	102.21 7.29 -11.12	80.89 4.94 0.00	67.53 3.28 0.00	58.97 2.65 0.00
RAVENSWOOD_GT_1 23729	57.56 2.37 0.00	52.27 2.54 0.00	49.85 2.64 0.00	49.50 2.93 0.00	49.28 2.61 0.00	50.93 2.29 0.00	52.94 2.38 0.00	55.49 2.89 0.00	60.74 3.17 0.00	64.42 3.18 0.00	64.79 3.26 0.00	68.91 4.39 0.00	72.80 4.70 0.00	86.14 6.45 0.00	93.78 8.56 -0.47	125.69 10.62 -21.95	135.00 10.73 -30.15	166.48 11.08 -58.25	145.84 11.64 -22.24	120.60 8.43 -19.59	101.51 6.62 -11.09	78.19 4.33 2.10	66.88 2.76 0.14	58.75 2.42 0.00
RAVENSWOOD_GT_10 24258	57.84 2.65 0.00	52.52 2.79 0.00	49.89 2.69 0.00	49.45 2.89 0.00	49.28 2.61 0.00	51.22 2.58 0.00	53.19 2.63 0.00	55.75 3.16 0.00	61.03 3.45 0.00	64.79 3.55 0.00	65.09 3.57 0.00	69.23 4.71 0.00	73.21 5.11 0.00	86.54 6.85 0.00	94.03 8.81 -0.47	125.59 10.52 -21.94	135.00 10.73 -30.15	166.48 11.08 -58.25	146.29 12.09 -22.24	121.16 8.98 -19.59	102.04 7.12 -11.12	80.74 4.79 0.00	67.40 3.15 0.00	58.86 2.53 0.00
RAVENSWOOD_GT_11 24259	57.84 2.65 0.00	52.52 2.79 0.00	49.89 2.69 0.00	49.45 2.89 0.00	49.28 2.61 0.00	51.22 2.58 0.00	53.19 2.63 0.00	55.75 3.16 0.00	61.03 3.45 0.00	64.79 3.55 0.00	65.09 3.57 0.00	69.23 4.71 0.00	73.21 5.11 0.00	86.54 6.85 0.00	94.03 8.81 -0.47	125.59 10.52 -21.94	135.00 10.73 -30.15	166.48 11.08 -58.25	146.29 12.09 -22.24	121.16 8.98 -19.59	102.04 7.12 -11.12	80.74 4.79 0.00	67.40 3.15 0.00	58.86 2.53 0.00
RAVENSWOOD_GT_4 24252	57.84 2.65 0.00	52.52 2.79 0.00	49.89 2.69 0.00	49.45 2.89 0.00	49.28 2.61 0.00	51.22 2.58 0.00	53.19 2.63 0.00	55.75 3.16 0.00	61.03 3.45 0.00	64.79 3.55 0.00	65.09 3.57 0.00	69.23 4.71 0.00	73.14 5.04 0.00	86.54 6.85 0.00	93.95 8.73 -0.47	125.59 10.52 -21.94	135.00 10.73 -30.15	166.48 11.08 -58.25	146.29 12.09 -22.24	121.16 8.98 -19.59	101.96 7.04 -11.12	80.74 4.79 0.00	67.34 3.08 0.00	58.86 2.53 0.00
RAVENSWOOD_GT_5 24254	57.84 2.65 0.00	52.52 2.79 0.00	49.89 2.69 0.00	49.45 2.89 0.00	49.28 2.61 0.00	51.22 2.58 0.00	53.19 2.63 0.00	55.75 3.16 0.00	61.03 3.45 0.00	64.79 3.55 0.00	65.09 3.57 0.00	69.23 4.71 0.00	73.14 5.04 0.00	86.54 6.85 0.00	93.95 8.73 -0.47	125.59 10.52 -21.94	135.00 10.73 -30.15	166.48 11.08 -58.25	146.29 12.09 -22.24	121.16 8.98 -19.59	101.96 7.04 -11.12	80.74 4.79 0.00	67.34 3.08 0.00	58.86 2.53 0.00
RAVENSWOOD_GT_6 24253	57.84 2.65 0.00	52.52 2.79 0.00	49.89 2.69 0.00	49.45 2.89 0.00	49.28 2.61 0.00	51.22 2.58 0.00	53.19 2.63 0.00	55.75 3.16 0.00	61.03 3.45 0.00	64.79 3.55 0.00	65.09 3.57 0.00	69.23 4.71 0.00	73.14 5.04 0.00	86.54 6.85 0.00	93.95 8.73 -0.47	125.59 10.52 -21.94	135.00 10.73 -30.15	166.48 11.08 -58.25	146.29 12.09 -22.24	121.16 8.98 -19.59	101.96 7.04 -11.12	80.74 4.79 0.00	67.34 3.08 0.00	58.86 2.53 0.00
RAVENSWOOD_GT_7 24255	57.84 2.65 0.00	52.52 2.79 0.00	49.89 2.69 0.00	49.45 2.89 0.00	49.28 2.61 0.00	51.22 2.58 0.00	53.19 2.63 0.00	55.75 3.16 0.00	61.03 3.45 0.00	64.79 3.55 0.00	65.09 3.57 0.00	69.23 4.71 0.00	73.14 5.04 0.00	86.54 6.85 0.00	93.95 8.73 -0.47	125.59 10.52 -21.94	135.00 10.73 -30.15	166.48 11.08 -58.25	146.29 12.09 -22.24	121.16 8.98 -19.59	101.96 7.04 -11.12	80.74 4.79 0.00	67.34 3.08 0.00	58.86 2.53 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	57.84 2.65 0.00	52.52 2.79 0.00	49.89 2.69 0.00	49.45 2.89 0.00	49.28 2.61 0.00	51.22 2.58 0.00	53.19 2.63 0.00	55.75 3.16 0.00	61.03 3.45 0.00	64.79 3.55 0.00	65.09 3.57 0.00	69.23 4.71 0.00	73.21 5.11 0.00	86.54 6.85 0.00	94.03 8.81 -0.47	125.59 10.52 -21.94	135.00 10.73 -30.15	166.48 11.08 -58.25	146.29 12.09 -22.24	121.16 8.98 -19.59	102.04 7.12 -11.12	80.74 4.79 0.00	67.40 3.15 0.00	58.86 2.53 0.00
RAVENSWOOD_GT_9 24257	57.84 2.65 0.00	52.52 2.79 0.00	49.89 2.69 0.00	49.45 2.89 0.00	49.28 2.61 0.00	51.22 2.58 0.00	53.19 2.63 0.00	55.75 3.16 0.00	61.03 3.45 0.00	64.79 3.55 0.00	65.09 3.57 0.00	69.23 4.71 0.00	73.21 5.11 0.00	86.54 6.85 0.00	94.03 8.81 -0.47	125.59 10.52 -21.94	135.00 10.73 -30.15	166.48 11.08 -58.25	146.29 12.09 -22.24	121.16 8.98 -19.59	102.04 7.12 -11.12	80.74 4.79 0.00	67.40 3.15 0.00	58.86 2.53 0.00

RAVENSWOOD___1 23533	57.44 2.26 0.01	52.32 2.58 0.00	49.75 2.55 0.00	49.45 2.89 0.00	49.23 2.56 0.00	50.67 2.04 0.01	52.83 2.28 0.01	55.16 2.58 0.01	60.62 3.05 0.01	64.35 3.12 0.01	64.65 3.14 0.01	68.77 4.26 0.01	72.65 4.56 0.01	85.90 6.22 0.01	93.61 8.39 -0.47	125.59 10.52 -21.95	134.81 10.54 -30.15	166.28 10.88 -58.25	145.63 11.43 -22.24	120.41 8.24 -19.58	101.26 6.37 -11.09	77.62 4.17 2.51	67.01 2.89 0.14	58.69 2.37 0.00
RAVENSWOOD___2 23534	57.33 2.15 0.01	52.22 2.49 0.00	49.66 2.45 0.00	49.36 2.79 0.00	49.14 2.47 0.00	50.58 1.95 0.01	52.68 2.12 0.01	55.06 2.47 0.01	60.50 2.93 0.01	64.05 2.82 0.01	64.10 2.58 0.01	68.19 3.68 0.01	72.04 3.95 0.01	85.17 5.49 0.01	92.85 7.63 -0.47	124.85 9.78 -21.95	133.87 9.61 -30.15	165.41 10.01 -58.25	144.61 10.41 -22.24	119.58 7.41 -19.58	100.51 5.62 -11.09	76.93 3.50 2.52	66.43 2.31 0.14	58.46 2.14 0.00
RAVENSWOOD___3 23535	57.84 2.65 0.00	52.52 2.78 0.00	49.89 2.69 0.00	49.45 2.89 0.00	49.28 2.61 0.00	51.02 2.38 0.00	53.19 2.63 0.00	55.54 2.94 0.00	61.03 3.45 0.00	64.79 3.55 0.00	65.09 3.57 0.00	69.23 4.71 0.00	73.14 5.04 0.00	86.46 6.77 0.00	93.95 8.73 -0.47	125.68 10.61 -21.94	135.00 10.73 -30.15	166.38 10.98 -58.25	146.30 12.10 -22.24	121.07 8.89 -19.59	101.87 6.95 -11.12	80.67 4.71 0.00	67.60 3.34 0.00	58.86 2.54 0.00
RAVENSWOOD___4 23820	57.39 2.21 0.01	52.27 2.54 0.00	49.70 2.50 0.00	49.40 2.84 0.00	49.19 2.52 0.00	50.63 1.99 0.01	52.78 2.22 0.01	55.11 2.52 0.01	60.56 2.99 0.01	64.29 3.06 0.01	64.59 3.07 0.01	68.70 4.19 0.01	72.58 4.49 0.01	85.73 6.05 0.01	93.53 8.31 -0.47	125.50 10.43 -21.95	134.72 10.45 -30.14	166.18 10.78 -58.24	145.39 11.19 -22.24	120.22 8.05 -19.58	101.19 6.29 -11.10	77.12 4.10 2.93	66.94 2.82 0.14	58.58 2.26 0.00
RCPL_TRUST___DRP 24196	57.95 2.76 0.00	52.57 2.83 0.00	49.99 2.79 0.00	49.50 2.93 0.00	49.37 2.71 0.00	51.31 2.68 0.00	53.29 2.73 0.00	55.91 3.31 0.00	61.20 3.63 0.00	64.98 3.74 0.00	65.34 3.81 0.00	69.49 4.97 0.00	73.48 5.38 0.00	86.94 7.25 0.00	94.37 9.15 -0.47	126.05 10.99 -21.94	135.47 11.20 -30.14	166.86 11.46 -58.24	146.74 12.54 -22.24	121.53 9.35 -19.59	102.29 7.37 -11.12	80.89 4.94 0.00	67.47 3.21 0.00	58.97 2.65 0.00
RED___ROCHESTER 323720	55.02 -0.17 0.00	49.19 -0.55 0.00	46.54 -0.66 0.00	45.54 -1.02 0.00	45.64 -1.03 0.00	47.47 -1.17 0.00	49.35 -1.21 0.00	51.33 -1.26 0.00	56.43 -1.15 0.00	60.75 -0.49 0.00	60.97 -0.55 0.00	63.94 -0.58 0.00	67.76 -0.34 0.00	78.49 -1.19 0.00	83.73 -1.01 0.00	93.92 -1.21 -2.01	95.49 -1.51 -2.88	102.32 -0.78 -5.94	110.73 -1.23 0.00	92.59 0.00 0.00	84.05 0.25 0.00	75.50 -0.45 0.00	64.06 -0.19 0.00	56.83 0.51 0.00
REGAN___SOLAR 323812	60.65 5.46 0.00	54.56 4.82 0.00	51.69 4.49 0.00	50.99 4.43 0.00	51.01 4.34 0.00	53.26 4.62 0.00	55.47 4.90 0.00	57.43 4.84 0.00	62.76 5.18 0.00	66.44 5.20 0.00	66.57 5.05 0.00	69.56 5.04 0.00	73.34 5.24 0.00	85.74 6.05 0.00	94.24 7.12 -2.37	134.65 7.82 -33.70	147.41 7.81 -45.48	191.20 8.64 -85.40	218.02 10.86 -95.20	185.20 9.45 -83.16	141.00 8.88 -48.32	83.40 7.45 0.00	70.88 6.62 0.00	61.73 5.41 0.00
RENSSELAER___COGEN 23796	56.13 0.94 0.00	50.73 0.99 0.00	48.20 0.99 0.00	47.64 1.07 0.00	47.55 0.88 0.00	49.52 0.88 0.00	51.47 0.91 0.00	53.54 0.95 0.00	58.61 1.04 0.00	62.28 1.04 0.00	62.57 1.04 0.00	66.01 1.49 0.00	69.60 1.50 0.00	81.60 1.91 0.00	72.15 2.88 15.48	23.85 3.26 72.53	17.96 3.29 79.46	7.62 3.49 93.02	0.66 3.92 115.22	19.31 3.15 76.43	2.45 2.60 83.96	77.70 1.75 0.00	65.47 1.22 0.00	57.05 0.73 0.00
REPUBLIC_115KV_BARTNBRK 55605	61.65 6.46 0.00	55.35 5.62 0.00	52.21 5.00 0.00	51.27 4.70 0.00	51.29 4.62 0.00	53.60 4.96 0.00	55.87 5.31 0.00	57.96 5.36 0.00	63.51 5.93 0.00	67.42 6.19 0.00	67.18 5.66 0.00	70.20 5.68 0.00	73.75 5.65 0.00	86.14 6.45 0.00	96.92 7.80 -4.38	143.48 8.29 -42.07	157.56 8.57 -54.87	204.01 9.62 -97.24	241.43 12.54 -116.93	202.39 10.46 -99.34	155.91 9.80 -62.31	84.54 8.58 0.00	71.84 7.58 0.00	62.74 6.42 0.00
REVERE_CPPR_DRP 24186	57.56 2.37 0.00	51.87 2.14 0.00	49.19 1.98 0.00	48.33 1.77 0.00	48.58 1.91 0.00	50.68 2.04 0.00	52.69 2.12 0.00	54.86 2.26 0.00	60.00 2.42 0.00	63.93 2.69 0.00	63.80 2.28 0.00	67.04 2.52 0.00	70.89 2.79 0.00	83.03 3.35 0.00	88.55 3.73 -0.07	98.71 4.19 -1.40	100.64 4.71 -1.81	105.06 4.66 -3.24	120.00 6.38 -1.65	98.04 4.91 -0.54	88.72 4.86 -0.06	79.98 4.03 0.00	67.21 2.96 0.00	58.86 2.53 0.00
REYNLDPA_13_KV_LD 356490	55.46 0.28 0.00	49.88 0.15 0.00	47.25 0.05 0.00	46.61 0.05 0.00	46.95 0.28 0.00	48.98 0.34 0.00	50.87 0.30 0.00	52.75 0.16 0.00	57.63 0.06 0.00	61.30 0.06 0.00	61.52 0.00 0.00	64.01 -0.52 0.00	67.49 -0.61 0.00	78.73 -0.96 0.00	82.39 -2.29 0.07	90.08 -2.51 0.53	90.91 -2.64 0.58	93.60 -2.82 0.73	107.06 -3.36 1.54	89.68 -2.41 0.51	82.07 -1.68 0.06	75.35 -0.61 0.00	64.38 0.13 0.00	56.44 0.11 0.00
REYNOLDS_115KV_TB3 80639	56.62 1.43 0.00	51.18 1.44 0.00	48.67 1.46 0.00	48.01 1.44 0.00	47.93 1.26 0.00	49.95 1.31 0.00	51.93 1.37 0.00	54.17 1.58 0.00	59.19 1.61 0.00	62.89 1.65 0.00	63.19 1.66 0.00	66.72 2.19 0.00	70.41 2.32 0.00	82.72 3.03 0.00	100.50 3.98 -11.77	178.31 4.38 -80.81	198.59 4.42 -100.05	262.23 4.66 -160.42	287.45 5.37 -170.12	231.00 4.26 -134.15	188.96 3.60 -101.56	78.61 2.66 0.00	66.06 1.80 0.00	57.68 1.35 0.00
RIVERBAY____ 323610	58.55 3.37 0.00	53.12 3.38 0.00	50.51 3.30 0.00	50.29 3.73 0.00	50.03 3.36 0.00	51.56 2.92 0.00	53.44 2.88 0.00	55.96 3.37 0.00	61.20 3.63 0.00	64.98 3.74 0.00	65.59 4.06 0.00	69.81 5.29 0.00	73.75 5.65 0.00	87.26 7.57 0.00	95.30 10.08 -0.47	127.46 12.39 -21.95	136.80 12.52 -30.15	168.43 13.02 -58.25	147.87 13.66 -22.25	122.29 10.09 -19.61	103.05 8.13 -11.12	81.64 5.70 0.01	68.17 3.92 0.01	59.76 3.44 0.00
RIVERSDE_115KV_TB3 55908	56.46 1.27 0.00	51.03 1.29 0.00	48.53 1.32 0.00	47.87 1.30 0.00	47.79 1.12 0.00	49.81 1.17 0.00	51.78 1.21 0.00	54.02 1.42 0.00	59.02 1.44 0.00	62.71 1.47 0.00	63.00 1.48 0.00	66.46 1.94 0.00	70.14 2.04 0.00	82.40 2.71 0.00	93.78 3.64 -5.38	142.49 4.00 -45.37	156.74 4.05 -58.57	203.33 4.27 -101.90	221.45 4.93 -104.56	182.39 3.80 -86.00	145.76 3.27 -58.69	78.31 2.35 0.00	65.86 1.61 0.00	57.51 1.18 0.00
ROARING___BROOK_WT_PWR 323790	55.08 -0.11 0.00	49.68 -0.05 0.00	47.16 -0.05 0.00	46.52 -0.05 0.00	46.67 0.00 0.00	48.64 0.00 0.00	50.56 0.00 0.00	52.54 -0.05 0.00	57.52 -0.06 0.00	61.12 -0.12 0.00	61.40 -0.12 0.00	64.26 -0.26 0.00	67.69 -0.41 0.00	79.13 -0.55 0.00	83.90 -0.85 0.00	92.19 -0.93 0.00	93.18 -0.94 0.00	96.18 -0.97 0.00	110.84 -1.12 0.00	91.75 -0.83 0.00	83.13 -0.67 0.00	75.50 -0.45 0.00	64.00 -0.26 0.00	56.21 -0.11 0.00

ROCHESRG_115KV_T4 355643	54.36 -0.83 0.00	48.64 -1.09 0.00	46.02 -1.18 0.00	45.07 -1.49 0.00	45.17 -1.49 0.00	46.94 -1.70 0.00	48.84 -1.72 0.00	50.33 -2.26 0.00	55.73 -1.84 0.00	59.89 -1.35 0.00	60.05 -1.48 0.00	63.10 -1.42 0.00	66.81 -1.29 0.00	77.38 -2.31 0.00	82.63 -2.12 0.00	92.79 -2.33 -1.99	94.35 -2.64 -2.86	101.01 -2.04 -5.90	109.27 -2.69 0.00	91.29 -1.30 0.00	82.88 -0.92 0.00	74.36 -1.60 0.00	62.91 -1.35 0.00	56.04 -0.28 0.00
ROCHESTER_9_IC 23652	54.69 -0.50 0.00	48.94 -0.80 0.00	46.31 -0.90 0.00	45.35 -1.21 0.00	45.41 -1.26 0.00	47.23 -1.41 0.00	49.10 -1.47 0.00	50.65 -1.95 0.00	56.08 -1.50 0.00	60.38 -0.86 0.00	60.54 -0.98 0.00	63.49 -1.03 0.00	67.28 -0.82 0.00	78.01 -1.67 0.00	83.22 -1.53 0.00	93.45 -1.68 -2.00	94.93 -2.07 -2.88	101.74 -1.36 -5.94	110.06 -1.90 0.00	92.03 -0.56 0.00	83.55 -0.25 0.00	74.97 -0.99 0.00	63.36 -0.90 0.00	56.49 0.17 0.00
ROCKVIEW_13_KV_LD 356306	57.89 2.70 0.00	52.52 2.79 0.00	49.94 2.74 0.00	49.45 2.89 0.00	49.33 2.66 0.00	51.22 2.58 0.00	53.24 2.68 0.00	55.75 3.16 0.00	61.03 3.45 0.00	64.85 3.61 0.00	65.28 3.75 0.00	69.49 4.97 0.00	73.68 5.58 0.00	87.10 7.41 0.00	94.46 9.24 -0.47	126.15 11.08 -21.94	135.56 11.29 -30.14	167.06 11.66 -58.24	147.07 12.88 -22.24	121.71 9.54 -19.59	102.71 7.79 -11.12	81.35 5.39 0.00	67.66 3.41 0.00	59.03 2.70 0.00
ROME____115KV_TB2 80656	57.56 2.37 0.00	51.87 2.14 0.00	49.19 1.98 0.00	48.33 1.77 0.00	48.58 1.91 0.00	50.68 2.04 0.00	52.69 2.12 0.00	54.86 2.26 0.00	60.00 2.42 0.00	63.93 2.69 0.00	63.80 2.28 0.00	67.04 2.52 0.00	70.89 2.79 0.00	83.03 3.35 0.00	88.55 3.73 -0.07	98.71 4.19 -1.40	100.64 4.71 -1.81	105.06 4.66 -3.24	120.00 6.38 -1.65	98.04 4.91 -0.54	88.72 4.86 -0.06	79.98 4.03 0.00	67.21 2.96 0.00	58.86 2.53 0.00
ROSETON___1 23587	56.95 1.77 0.00	51.67 1.94 0.00	49.14 1.94 0.00	48.61 2.05 0.00	48.49 1.82 0.00	50.29 1.65 0.00	52.38 1.82 0.00	54.59 2.00 0.00	59.88 2.31 0.00	63.57 2.33 0.00	63.92 2.40 0.00	67.81 3.29 0.00	71.84 3.74 0.00	84.71 5.02 0.00	91.27 6.53 0.00	122.22 7.73 -21.37	131.40 7.81 -29.47	162.41 7.97 -57.29	138.13 8.96 -17.21	115.12 6.67 -15.86	96.95 5.28 -7.87	79.60 3.65 0.00	66.64 2.38 0.00	58.01 1.69 0.00
ROSETON___2 23588	56.95 1.77 0.00	51.67 1.94 0.00	49.14 1.94 0.00	48.61 2.05 0.00	48.49 1.82 0.00	50.29 1.65 0.00	52.38 1.82 0.00	54.59 2.00 0.00	59.88 2.31 0.00	63.57 2.33 0.00	63.92 2.40 0.00	67.81 3.29 0.00	71.84 3.74 0.00	84.71 5.02 0.00	91.27 6.53 0.00	122.22 7.73 -21.37	131.40 7.81 -29.47	162.41 7.97 -57.29	138.13 8.96 -17.21	115.12 6.67 -15.86	96.95 5.28 -7.87	79.60 3.65 0.00	66.64 2.38 0.00	58.01 1.69 0.00
ROTTTRDAM_115KV_TB3 80664	56.95 1.77 0.00	51.43 1.69 0.00	48.86 1.65 0.00	48.24 1.68 0.00	48.21 1.54 0.00	50.20 1.56 0.00	52.18 1.62 0.00	54.33 1.74 0.00	59.36 1.78 0.00	63.08 1.84 0.00	63.31 1.78 0.00	66.59 2.06 0.00	70.35 2.25 0.00	82.56 2.87 0.00	91.00 3.64 -2.61	130.61 4.00 -33.49	143.06 4.05 -44.89	184.81 4.27 -83.38	221.04 5.15 -103.93	187.51 4.17 -90.75	140.29 3.69 -52.80	78.84 2.89 0.00	66.44 2.18 0.00	58.07 1.75 0.00
RUSSELL___1 23602	55.02 -0.17 0.00	49.19 -0.55 0.00	46.54 -0.66 0.00	45.54 -1.02 0.00	45.64 -1.03 0.00	47.42 -1.22 0.00	49.35 -1.21 0.00	50.97 -1.63 0.00	56.43 -1.15 0.00	60.75 -0.49 0.00	60.97 -0.55 0.00	63.94 -0.58 0.00	67.76 -0.34 0.00	78.49 -1.20 0.00	83.73 -1.02 0.00	93.92 -1.21 -2.01	95.50 -1.51 -2.88	102.32 -0.78 -5.94	110.73 -1.23 0.00	92.59 0.00 0.00	84.05 0.25 0.00	75.50 -0.46 0.00	63.81 -0.45 0.00	56.83 0.51 0.00
RUSSELL___2 23532	55.02 -0.17 0.00	49.19 -0.55 0.00	46.54 -0.66 0.00	45.54 -1.02 0.00	45.64 -1.03 0.00	47.42 -1.22 0.00	49.35 -1.21 0.00	50.97 -1.63 0.00	56.43 -1.15 0.00	60.75 -0.49 0.00	60.97 -0.55 0.00	63.94 -0.58 0.00	67.76 -0.34 0.00	78.49 -1.20 0.00	83.73 -1.02 0.00	93.92 -1.21 -2.01	95.50 -1.51 -2.88	102.32 -0.78 -5.94	110.73 -1.23 0.00	92.59 0.00 0.00	84.05 0.25 0.00	75.50 -0.46 0.00	63.81 -0.45 0.00	56.83 0.51 0.00
RUSSELL___3 23549	55.02 -0.17 0.00	49.19 -0.55 0.00	46.54 -0.66 0.00	45.54 -1.02 0.00	45.64 -1.03 0.00	47.42 -1.22 0.00	49.35 -1.21 0.00	50.97 -1.63 0.00	56.43 -1.15 0.00	60.75 -0.49 0.00	60.97 -0.55 0.00	63.94 -0.58 0.00	67.76 -0.34 0.00	78.49 -1.20 0.00	83.73 -1.02 0.00	93.92 -1.21 -2.01	95.50 -1.51 -2.88	102.32 -0.78 -5.94	110.73 -1.23 0.00	92.59 0.00 0.00	84.05 0.25 0.00	75.50 -0.46 0.00	63.81 -0.45 0.00	56.83 0.51 0.00
RUSSELL___4 23556	55.02 -0.17 0.00	49.19 -0.55 0.00	46.54 -0.66 0.00	45.54 -1.02 0.00	45.64 -1.03 0.00	47.42 -1.22 0.00	49.35 -1.21 0.00	50.97 -1.63 0.00	56.43 -1.15 0.00	60.75 -0.49 0.00	60.97 -0.55 0.00	63.94 -0.58 0.00	67.76 -0.34 0.00	78.49 -1.20 0.00	83.73 -1.02 0.00	93.92 -1.21 -2.01	95.50 -1.51 -2.88	102.32 -0.78 -5.94	110.73 -1.23 0.00	92.59 0.00 0.00	84.05 0.25 0.00	75.50 -0.46 0.00	63.81 -0.45 0.00	56.83 0.51 0.00
RUSSELL___STATION 23914	55.02 -0.17 0.00	49.19 -0.55 0.00	46.54 -0.66 0.00	45.54 -1.02 0.00	45.64 -1.03 0.00	47.42 -1.22 0.00	49.35 -1.21 0.00	50.97 -1.63 0.00	56.43 -1.15 0.00	60.75 -0.49 0.00	60.97 -0.55 0.00	63.94 -0.58 0.00	67.76 -0.34 0.00	78.49 -1.20 0.00	83.73 -1.02 0.00	93.92 -1.21 -2.01	95.50 -1.51 -2.88	102.32 -0.78 -5.94	110.73 -1.23 0.00	92.59 0.00 0.00	84.05 0.25 0.00	75.50 -0.46 0.00	63.81 -0.45 0.00	56.83 0.51 0.00
S SALMON___HYD 24043	55.19 0.00 0.00	49.68 -0.05 0.00	47.16 -0.05 0.00	46.29 -0.28 0.00	46.48 -0.19 0.00	48.45 -0.19 0.00	50.41 -0.15 0.00	52.49 -0.10 0.00	57.35 -0.23 0.00	61.06 -0.18 0.00	60.85 -0.68 0.00	63.88 -0.65 0.00	67.42 -0.68 0.00	78.81 -0.87 0.00	84.07 -0.76 -0.09	94.16 -0.84 -1.88	95.84 -0.76 -2.47	100.90 -0.78 -4.53	113.65 -0.22 -1.92	93.31 0.09 -0.63	84.62 0.75 -0.07	76.26 0.31 0.00	64.32 0.06 0.00	56.44 0.11 0.00
S.PERRY__115KV_TB1 80734	54.86 -0.33 0.00	49.04 -0.70 0.00	46.45 -0.76 0.00	45.35 -1.21 0.00	45.45 -1.21 0.00	47.33 -1.31 0.00	49.25 -1.31 0.00	50.76 -1.84 0.00	55.73 -1.84 0.00	59.46 -1.78 0.00	59.31 -2.21 0.00	62.20 -2.32 0.00	65.85 -2.25 0.00	76.18 -3.51 0.00	81.36 -3.39 0.00	92.07 -3.91 -2.86	94.56 -3.67 -4.10	102.61 -3.01 -8.46	112.89 -2.24 -3.17	95.60 0.09 -2.92	86.09 0.84 -1.45	75.80 -0.15 0.00	63.87 -0.39 0.00	56.72 0.39 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	53.59 -1.60 0.00	47.84 -1.89 0.00	45.22 -1.98 0.00	44.24 -2.33 0.00	44.29 -2.38 0.00	45.96 -2.68 0.00	47.78 -2.78 0.00	48.65 -3.94 0.00	54.18 -3.40 0.00	58.48 -2.76 0.00	58.45 -3.08 0.00	61.55 -2.97 0.00	65.31 -2.79 0.00	75.23 -4.46 0.00	80.26 -4.49 0.00	90.14 -5.59 -2.60	92.30 -5.55 -3.73	99.61 -5.25 -7.70	109.23 -5.60 -2.87	91.80 -3.43 -2.64	82.18 -2.93 -1.31	72.46 -3.49 0.00	61.36 -2.89 0.00	55.42 -0.90 0.00

SAWYER___23_KV_LOAD 55526	53.59 -1.60 0.00	47.84 -1.89 0.00	45.22 -1.98 0.00	44.24 -2.33 0.00	44.29 -2.38 0.00	45.96 -2.68 0.00	47.78 -2.78 0.00	48.65 -3.94 0.00	54.18 -3.40 0.00	58.48 -2.76 0.00	58.45 -3.08 0.00	61.55 -2.97 0.00	65.31 -2.79 0.00	75.23 -4.46 0.00	80.26 -4.49 0.00	90.14 -5.59 -2.60	92.30 -5.55 -3.73	99.61 -5.25 -7.70	109.23 -5.60 -2.87	91.80 -3.43 -2.64	82.18 -2.93 -1.31	72.46 -3.49 0.00	61.36 -2.89 0.00	55.42 -0.90 0.00
SELKIRK___I 23801	56.68 1.49 0.00	51.22 1.49 0.00	48.71 1.51 0.00	48.10 1.53 0.00	48.02 1.35 0.00	50.00 1.36 0.00	51.93 1.37 0.00	53.91 1.32 0.00	58.96 1.38 0.00	62.59 1.35 0.00	62.82 1.29 0.00	66.26 1.74 0.00	69.67 1.57 0.00	80.25 0.56 0.00	78.46 1.35 7.64	68.36 1.49 26.24	70.28 1.50 25.35	81.92 1.65 16.89	71.75 2.02 42.23	69.93 1.57 24.23	50.32 1.26 34.74	76.64 0.68 0.00	64.71 0.45 0.00	56.44 0.11 0.00
SELKIRK___II 23799	56.23 1.05 0.00	50.83 1.09 0.00	48.33 1.13 0.00	47.77 1.21 0.00	47.69 1.03 0.00	49.66 1.02 0.00	51.57 1.01 0.00	53.65 1.05 0.00	58.73 1.15 0.00	62.40 1.16 0.00	62.69 1.17 0.00	66.14 1.61 0.00	69.53 1.43 0.00	81.44 1.75 0.00	78.51 2.63 8.86	62.55 2.89 33.46	63.30 2.92 33.75	71.70 3.11 28.57	62.43 3.58 53.11	63.46 2.78 31.91	43.87 2.26 42.19	77.39 1.44 0.00	65.22 0.97 0.00	56.89 0.56 0.00
SENECA OSWGO___HYD 24041	54.25 -0.94 0.00	48.84 -0.89 0.00	46.36 -0.85 0.00	45.54 -1.02 0.00	45.64 -1.03 0.00	47.52 -1.12 0.00	49.50 -1.06 0.00	51.54 -1.05 0.00	56.48 -1.10 0.00	60.20 -1.04 0.00	60.54 -0.99 0.00	63.62 -0.90 0.00	67.15 -0.95 0.00	78.49 -1.19 0.00	83.85 -0.93 -0.03	93.56 -1.11 -1.55	95.24 -1.03 -2.15	100.44 -0.97 -4.25	111.59 -1.01 -0.64	92.25 -0.55 -0.21	83.32 -0.50 -0.02	75.05 -0.91 0.00	63.36 -0.90 0.00	55.54 -0.79 0.00
SENECA___115KV_TB3 355854	54.08 -1.10 0.00	48.29 -1.44 0.00	45.65 -1.56 0.00	44.61 -1.96 0.00	44.71 -1.96 0.00	46.40 -2.24 0.00	48.24 -2.33 0.00	49.28 -3.31 0.00	54.93 -2.65 0.00	59.22 -2.02 0.00	59.19 -2.34 0.00	62.26 -2.26 0.00	66.06 -2.04 0.00	76.18 -3.51 0.00	81.27 -3.47 0.00	91.10 -4.75 -2.73	93.43 -4.61 -3.92	100.87 -4.37 -8.09	111.07 -3.92 -3.03	93.16 -2.22 -2.79	83.34 -1.84 -1.38	73.45 -2.51 0.00	62.07 -2.18 0.00	55.99 -0.34 0.00
SENECA___ENERGY 23797	55.02 -0.17 0.00	49.44 -0.30 0.00	46.88 -0.33 0.00	46.01 -0.56 0.00	46.11 -0.56 0.00	48.01 -0.63 0.00	50.06 -0.51 0.00	52.17 -0.42 0.00	57.18 -0.40 0.00	61.06 -0.18 0.00	61.40 -0.12 0.00	64.46 -0.06 0.00	68.10 0.00 0.00	79.45 -0.24 0.00	84.83 0.08 0.00	94.78 -0.46 -2.12	96.70 -0.47 -3.04	103.33 -0.10 -6.27	114.45 0.22 -2.27	95.42 0.74 -2.09	85.76 0.92 -1.04	76.26 0.31 0.00	64.39 0.13 0.00	56.49 0.17 0.00
SHOEMAKER___GT 23640	56.84 1.65 0.00	51.52 1.79 0.00	48.95 1.75 0.00	48.38 1.81 0.00	48.30 1.63 0.00	50.15 1.51 0.00	52.18 1.62 0.00	54.44 1.84 0.00	59.71 2.13 0.00	63.32 2.08 0.00	63.68 2.15 0.00	67.43 2.91 0.00	71.37 3.27 0.00	84.15 4.46 0.00	90.51 5.77 0.00	119.36 6.79 -19.45	127.93 6.97 -26.84	156.57 7.19 -52.22	135.88 8.07 -15.85	113.40 6.20 -14.61	95.99 4.94 -7.25	79.45 3.50 0.00	66.57 2.31 0.00	58.01 1.69 0.00
SHOEMAKR_138KV_BK 111 55601	56.79 1.60 0.00	51.47 1.74 0.00	48.90 1.70 0.00	48.38 1.82 0.00	48.25 1.59 0.00	50.24 1.61 0.00	52.18 1.62 0.00	54.54 1.95 0.00	59.65 2.07 0.00	63.32 2.08 0.00	63.68 2.15 0.00	67.42 2.90 0.00	71.44 3.34 0.00	84.23 4.54 0.00	90.59 5.85 0.00	119.30 6.89 -19.29	127.81 7.06 -26.62	156.26 7.29 -51.82	135.88 8.17 -15.75	113.21 6.11 -14.51	96.03 5.03 -7.20	79.45 3.49 0.00	66.38 2.12 0.00	57.96 1.63 0.00
SHOREHAM_IC_1 23715	57.56 2.37 0.00	53.48 3.73 -0.01	51.37 4.15 -0.01	50.71 4.14 -0.01	50.55 3.87 -0.01	51.66 3.02 -0.01	53.55 2.98 0.00	54.54 1.95 0.00	60.32 2.88 0.13	64.92 3.67 0.00	75.02 4.80 -8.69	266.15 6.26 -195.38	278.91 6.95 -203.86	259.64 8.77 -171.18	287.61 10.59 -192.27	354.48 12.10 -249.25	335.98 11.38 -230.48	357.08 11.75 -248.17	261.86 13.20 -136.69	264.08 11.01 -160.47	261.92 9.63 -168.48	260.27 7.14 -177.17	236.30 5.40 -166.64	125.50 4.28 -64.89
SHOREHAM_IC_2 23716	57.56 2.37 0.00	53.77 4.03 -0.01	51.36 4.15 0.00	50.71 4.14 0.00	50.54 3.87 0.00	52.63 3.99 0.00	53.55 2.98 0.00	55.49 2.89 0.00	60.32 2.88 0.13	64.92 3.67 0.00	75.01 4.80 -8.69	266.09 6.19 -195.38	278.84 6.88 -203.86	259.64 8.77 -171.18	287.52 10.51 -192.27	354.39 12.01 -249.25	335.99 11.39 -230.48	357.08 11.76 -248.17	261.86 13.21 -136.69	264.08 11.02 -160.47	262.08 9.80 -168.47	260.65 7.52 -177.17	236.04 5.14 -166.64	125.50 4.28 -64.89
SISSONVILLE____ 23735	55.52 0.33 0.00	49.88 0.15 0.00	47.30 0.09 0.00	46.61 0.05 0.00	46.99 0.33 0.00	49.17 0.54 0.00	51.12 0.56 0.00	52.91 0.32 0.00	57.58 0.00 0.00	60.87 -0.37 0.00	60.54 -0.98 0.00	62.65 -1.87 0.00	66.06 -2.04 0.00	77.06 -2.63 0.00	78.71 -4.83 1.21	78.13 -5.68 9.32	78.19 -5.74 10.19	78.24 -6.02 12.89	78.20 -6.72 27.04	78.51 -5.19 8.90	78.89 -3.94 0.97	74.44 -1.52 0.00	63.81 -0.45 0.00	56.21 -0.11 0.00
SITHE_IND_GS1 24169	53.53 -1.65 0.00	48.19 -1.54 0.00	45.79 -1.41 0.00	45.03 -1.54 0.00	45.08 -1.59 0.00	46.99 -1.65 0.00	48.90 -1.67 0.00	50.86 -1.73 0.00	55.73 -1.84 0.00	59.40 -1.84 0.00	59.74 -1.79 0.00	62.72 -1.81 0.00	66.26 -1.84 0.00	77.37 -2.31 0.00	82.54 -2.20 0.00	91.65 -2.51 -1.04	93.17 -2.45 -1.49	97.81 -2.43 -3.08	109.05 -2.91 0.00	90.46 -2.13 0.00	81.88 -1.92 0.00	73.91 -2.05 0.00	62.46 -1.80 0.00	54.81 -1.52 0.00
SITHE_IND_GS2 24170	53.53 -1.65 0.00	48.19 -1.54 0.00	45.79 -1.41 0.00	45.03 -1.54 0.00	45.08 -1.59 0.00	46.99 -1.65 0.00	48.90 -1.67 0.00	50.86 -1.73 0.00	55.73 -1.84 0.00	59.40 -1.84 0.00	59.74 -1.79 0.00	62.72 -1.81 0.00	66.26 -1.84 0.00	77.37 -2.31 0.00	82.54 -2.20 0.00	91.65 -2.51 -1.04	93.17 -2.45 -1.49	97.81 -2.43 -3.08	109.05 -2.91 0.00	90.46 -2.13 0.00	81.88 -1.92 0.00	73.91 -2.05 0.00	62.46 -1.80 0.00	54.81 -1.52 0.00
SITHE_IND_GS3 24171	53.53 -1.65 0.00	48.19 -1.54 0.00	45.79 -1.41 0.00	45.03 -1.54 0.00	45.08 -1.59 0.00	46.99 -1.65 0.00	48.90 -1.67 0.00	50.86 -1.73 0.00	55.73 -1.84 0.00	59.40 -1.84 0.00	59.74 -1.79 0.00	62.72 -1.81 0.00	66.26 -1.84 0.00	77.37 -2.31 0.00	82.54 -2.20 0.00	91.65 -2.51 -1.04	93.17 -2.45 -1.49	97.81 -2.43 -3.08	109.05 -2.91 0.00	90.46 -2.13 0.00	81.88 -1.92 0.00	73.91 -2.05 0.00	62.46 -1.80 0.00	54.81 -1.52 0.00
SITHE_IND_GS4 24172	53.53 -1.65 0.00	48.19 -1.54 0.00	45.79 -1.41 0.00	45.03 -1.54 0.00	45.08 -1.59 0.00	46.99 -1.65 0.00	48.90 -1.67 0.00	50.86 -1.73 0.00	55.73 -1.84 0.00	59.40 -1.84 0.00	59.74 -1.79 0.00	62.72 -1.81 0.00	66.26 -1.84 0.00	77.37 -2.31 0.00	82.54 -2.20 0.00	91.65 -2.51 -1.04	93.17 -2.45 -1.49	97.81 -2.43 -3.08	109.05 -2.91 0.00	90.46 -2.13 0.00	81.88 -1.92 0.00	73.91 -2.05 0.00	62.46 -1.80 0.00	54.81 -1.52 0.00

SITHE___BATAVIA 24024	55.35 0.17 0.00	49.33 -0.40 0.00	46.64 -0.56 0.00	45.31 -1.26 0.00	45.41 -1.26 0.00	47.18 -1.46 0.00	49.05 -1.52 0.00	50.81 -1.79 0.00	55.97 -1.61 0.00	60.38 -0.86 0.00	60.29 -1.23 0.00	63.10 -1.42 0.00	66.80 -1.30 0.00	77.06 -2.63 0.00	82.29 -2.46 0.00	92.54 -2.89 -2.30	94.23 -3.20 -3.30	100.85 -3.11 -6.81	111.44 -3.02 -2.50	93.79 -1.11 -2.30	84.19 -0.76 -1.14	74.44 -1.52 0.00	63.42 -0.84 0.00	56.77 0.45 0.00
SITHE___INDEPEND 23800	53.53 -1.66 0.00	48.19 -1.54 0.00	45.79 -1.42 0.00	45.03 -1.54 0.00	45.08 -1.59 0.00	46.94 -1.70 0.00	48.89 -1.67 0.00	50.81 -1.79 0.00	55.73 -1.84 0.00	59.40 -1.84 0.00	59.68 -1.85 0.00	62.71 -1.81 0.00	66.26 -1.84 0.00	77.46 -2.23 0.00	82.54 -2.20 0.00	91.74 -2.42 -1.04	93.17 -2.45 -1.49	97.80 -2.43 -3.08	109.05 -2.91 0.00	90.46 -2.13 0.00	81.87 -1.93 0.00	73.90 -2.05 0.00	62.39 -1.86 0.00	54.80 -1.52 0.00
SITHE___MASSENA 23902	55.47 0.28 0.00	49.88 0.15 0.00	47.25 0.05 0.00	46.61 0.05 0.00	46.95 0.28 0.00	49.08 0.44 0.00	50.97 0.40 0.00	52.91 0.32 0.00	57.63 0.06 0.00	61.18 -0.06 0.00	61.34 -0.18 0.00	63.75 -0.77 0.00	67.21 -0.89 0.00	78.49 -1.19 0.00	81.67 -3.05 0.03	89.57 -3.35 0.20	90.42 -3.48 0.22	93.18 -3.69 0.28	107.11 -4.25 0.59	89.25 -3.15 0.20	81.43 -2.35 0.02	75.27 -0.68 0.00	64.13 -0.13 0.00	56.44 0.11 0.00
SITHE___OGDNSBRG 24021	56.51 1.32 0.00	50.78 1.04 0.00	48.10 0.90 0.00	47.36 0.79 0.00	47.83 1.17 0.00	50.05 1.41 0.00	51.98 1.42 0.00	53.70 1.10 0.00	58.33 0.75 0.00	61.67 0.43 0.00	61.52 0.00 0.00	63.75 -0.77 0.00	67.15 -0.95 0.00	78.33 -1.35 0.00	80.15 -3.39 1.21	79.99 -3.82 9.32	80.26 -3.67 10.19	80.57 -3.69 12.90	81.22 -3.69 27.05	81.19 -2.50 8.90	81.41 -1.42 0.97	76.41 0.46 0.00	65.28 1.03 0.00	57.34 1.01 0.00
SITHE___STERLING 23777	56.90 1.71 0.00	51.28 1.54 0.00	48.67 1.46 0.00	47.82 1.26 0.00	48.02 1.35 0.00	50.05 1.41 0.00	52.08 1.52 0.00	54.23 1.63 0.00	59.36 1.79 0.00	63.20 1.96 0.00	63.24 1.72 0.00	66.46 1.93 0.00	70.28 2.18 0.00	82.31 2.63 0.00	87.84 3.05 -0.05	97.82 3.35 -1.35	99.69 3.77 -1.80	104.33 3.79 -3.39	118.11 5.04 -1.10	96.93 3.98 -0.36	87.70 3.86 -0.04	79.00 3.04 0.00	66.50 2.25 0.00	58.18 1.86 0.00
SLEIGHT__34_KV_TB1 80719	54.64 -0.55 0.00	48.94 -0.80 0.00	46.40 -0.80 0.00	45.45 -1.12 0.00	45.55 -1.12 0.00	47.42 -1.22 0.00	49.35 -1.21 0.00	51.18 -1.42 0.00	56.48 -1.09 0.00	60.57 -0.67 0.00	60.85 -0.68 0.00	63.81 -0.71 0.00	67.55 -0.54 0.00	78.57 -1.12 0.00	83.90 -0.85 0.00	94.06 -1.02 -1.96	95.72 -1.22 -2.82	102.19 -0.78 -5.81	110.95 -0.78 0.00	92.59 0.00 0.00	83.97 0.17 0.00	75.35 -0.61 0.00	63.55 -0.71 0.00	56.27 -0.06 0.00
SMITHTWN_69_KV_BK 1 55830	57.73 2.54 0.00	53.88 4.13 -0.02	51.55 4.34 0.00	50.99 4.42 0.00	50.87 4.20 0.00	52.77 4.13 0.00	53.65 3.08 0.00	55.59 3.00 0.00	60.23 2.94 0.28	64.98 3.74 0.00	79.69 4.68 -13.49	371.80 6.13 -301.15	389.65 6.81 -314.74	352.82 8.93 -264.21	381.37 10.76 -285.86	452.23 12.39 -346.72	371.12 12.61 -264.39	401.06 13.02 -290.88	304.00 14.55 -177.49	325.35 11.20 -221.55	348.53 9.39 -255.35	357.53 6.84 -274.74	327.37 4.69 -258.42	160.71 3.66 -100.73
SOUTH CAIRO___GT 23612	58.44 3.26 0.00	52.72 2.98 0.00	50.04 2.83 0.00	49.26 2.70 0.00	49.19 2.52 0.00	51.31 2.68 0.00	53.39 2.83 0.00	55.54 2.95 0.00	60.51 2.94 0.00	63.93 2.69 0.00	63.92 2.40 0.00	67.17 2.65 0.00	70.69 2.59 0.00	82.80 3.11 0.00	81.19 4.75 8.30	68.39 5.49 30.23	69.69 5.74 30.18	79.67 6.80 24.29	69.35 8.06 50.67	68.89 7.04 30.74	50.14 6.29 39.94	80.97 5.01 0.00	67.98 3.73 0.00	59.37 3.04 0.00
SOUTH HAMPTN___IC 23720	58.33 3.14 0.00	54.12 4.38 -0.01	51.98 4.77 -0.01	51.32 4.75 -0.01	51.20 4.53 -0.01	52.34 3.69 -0.01	54.21 3.64 0.00	55.38 2.79 0.00	61.54 4.09 0.12	66.39 5.14 0.00	76.19 6.34 -8.32	259.40 7.61 -187.27	271.84 8.37 -195.37	254.18 10.44 -164.06	282.34 12.46 -185.13	349.08 14.15 -241.81	335.96 14.11 -227.73	355.93 14.57 -244.20	261.43 16.35 -133.12	261.14 12.78 -155.77	256.54 10.89 -161.85	253.73 8.05 -169.73	229.93 6.04 -159.64	123.66 5.18 -62.16
SOUTHDOW_115KV_TB1 355954	55.35 0.17 0.00	49.44 -0.30 0.00	46.68 -0.52 0.00	45.68 -0.88 0.00	45.78 -0.89 0.00	47.67 -0.97 0.00	49.75 -0.81 0.00	51.33 -1.26 0.00	57.12 -0.46 0.00	61.42 0.18 0.00	61.46 -0.06 0.00	64.59 0.06 0.00	68.64 0.54 0.00	79.37 -0.32 0.00	84.49 -0.25 0.00	94.49 -1.58 -2.95	96.85 -1.51 -4.23	104.43 -1.46 -8.73	115.71 0.45 -3.30	97.20 1.57 -3.04	86.82 1.51 -1.51	76.33 0.38 0.00	64.19 -0.06 0.00	57.51 1.18 0.00
SOUTHOLD_69_KV_BK 2 55809	58.94 3.75 0.00	54.92 5.17 -0.01	52.40 5.19 0.00	51.69 5.12 0.00	51.61 4.95 0.00	53.84 5.20 0.00	54.61 4.05 0.00	57.07 4.47 0.00	62.64 5.18 0.12	67.73 6.49 0.00	77.60 7.75 -8.33	259.51 7.61 -187.37	271.89 8.31 -195.48	254.20 10.36 -164.15	282.25 12.29 -185.22	349.09 14.06 -241.90	335.82 13.93 -227.76	355.81 14.38 -244.28	261.27 16.12 -133.18	261.01 12.59 -155.83	256.12 10.39 -161.93	253.60 7.82 -169.82	229.06 5.08 -159.73	124.60 6.08 -62.20
SOUTHOLD___IC 23719	58.95 3.75 0.00	54.62 4.88 -0.01	52.40 5.19 -0.01	51.69 5.12 -0.01	51.62 4.94 -0.01	52.88 4.23 -0.01	54.61 4.05 0.00	56.12 3.52 0.00	62.64 5.18 0.12	67.73 6.49 0.00	77.60 7.75 -8.33	259.50 7.61 -187.37	272.02 8.44 -195.48	254.27 10.44 -164.15	282.43 12.46 -185.22	349.18 14.15 -241.90	335.81 13.93 -227.76	355.81 14.38 -244.28	261.27 16.13 -133.18	261.01 12.59 -155.83	256.04 10.30 -161.94	253.07 7.29 -169.82	229.32 5.33 -159.73	124.60 6.08 -62.20
SOUTH_FORK_WT_PWR 323839	58.50 3.31 0.00	54.22 4.48 -0.01	52.03 4.82 -0.01	51.37 4.80 -0.01	51.30 4.62 -0.01	52.59 3.94 -0.01	54.25 3.69 0.00	55.86 3.26 0.00	62.52 5.07 0.12	67.67 6.43 0.00	77.48 7.63 -8.33	259.90 8.06 -187.31	272.37 8.85 -195.42	254.54 10.75 -164.10	282.62 12.71 -185.17	349.31 14.34 -241.85	335.79 13.93 -227.74	355.77 14.38 -244.24	261.12 16.01 -133.15	261.07 12.69 -155.79	256.08 10.39 -161.89	253.02 7.29 -169.77	229.34 5.40 -159.68	124.30 5.80 -62.18
SPIERFLS_115KV_TB 1 80737	58.28 3.09 0.00	52.47 2.74 0.00	49.71 2.50 0.00	48.94 2.37 0.00	48.91 2.24 0.00	51.02 2.38 0.00	53.19 2.63 0.00	55.38 2.79 0.00	60.57 2.99 0.00	64.36 3.12 0.00	64.05 2.52 0.00	67.23 2.71 0.00	70.75 2.66 0.00	82.88 3.19 0.00	93.09 4.15 -4.19	138.78 4.47 -41.19	152.57 4.61 -53.84	198.11 5.15 -95.81	234.71 7.17 -115.59	196.88 5.83 -98.45	150.66 5.53 -61.33	80.51 4.56 0.00	68.05 3.79 0.00	59.42 3.10 0.00
ST LAWRENCE____ 23600	54.86 -0.33 0.00	49.33 -0.40 0.00	46.78 -0.43 0.00	46.14 -0.42 0.00	46.39 -0.28 0.00	48.45 -0.19 0.00	50.31 -0.25 0.00	52.28 -0.31 0.00	57.06 -0.52 0.00	60.63 -0.61 0.00	60.91 -0.62 0.00	63.36 -1.16 0.00	66.80 -1.30 0.00	77.93 -1.75 0.00	81.80 -2.88 0.07	89.43 -3.17 0.53	90.34 -3.20 0.58	93.02 -3.40 0.74	106.50 -3.92 1.54	89.03 -3.05 0.51	81.31 -2.43 0.06	74.59 -1.36 0.00	63.49 -0.77 0.00	55.82 -0.51 0.00

STATE_CA_115KV_115_LB 55624	56.57 1.38 0.00	51.13 1.39 0.00	48.57 1.37 0.00	47.96 1.40 0.00	47.88 1.21 0.00	49.86 1.22 0.00	51.88 1.31 0.00	54.07 1.47 0.00	59.13 1.55 0.00	62.83 1.59 0.00	63.12 1.60 0.00	66.59 2.06 0.00	70.21 2.11 0.00	82.40 2.71 0.00	90.48 3.64 -2.09	124.68 4.00 -27.55	135.92 4.05 -37.75	174.08 4.27 -72.65	191.27 4.81 -74.50	161.01 3.80 -64.63	125.36 3.27 -38.29	78.31 2.35 0.00	65.93 1.67 0.00	57.56 1.24 0.00
STATE_ST_34_KV_LOAD 55959	55.35 0.17 0.00	49.78 0.05 0.00	47.20 0.00 0.00	46.33 -0.23 0.00	46.43 -0.23 0.00	48.35 -0.29 0.00	50.41 -0.15 0.00	52.44 -0.16 0.00	57.58 0.00 0.00	61.36 0.12 0.00	61.77 0.25 0.00	64.91 0.39 0.00	68.51 0.41 0.00	80.01 0.32 0.00	85.51 0.76 0.00	95.79 0.56 -2.11	97.82 0.66 -3.03	104.39 0.97 -6.26	115.58 1.34 -2.27	96.26 1.57 -2.09	86.43 1.59 -1.04	76.87 0.91 0.00	64.64 0.39 0.00	56.77 0.45 0.00
STATION_5_MISC_HYD 23604	54.69 -0.50 0.00	48.94 -0.80 0.00	46.31 -0.90 0.00	45.35 -1.21 0.00	45.41 -1.26 0.00	47.23 -1.41 0.00	49.09 -1.47 0.00	51.02 -1.58 0.00	56.08 -1.50 0.00	60.32 -0.92 0.00	60.54 -0.99 0.00	63.49 -1.03 0.00	67.28 -0.81 0.00	78.01 -1.68 0.00	83.22 -1.52 0.00	93.36 -1.77 -2.00	94.93 -2.07 -2.88	101.74 -1.36 -5.94	110.06 -1.90 0.00	92.04 -0.55 0.00	83.47 -0.33 0.00	74.97 -0.99 0.00	63.61 -0.64 0.00	56.49 0.17 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	54.80 -0.39 0.00	49.14 -0.60 0.00	46.54 -0.66 0.00	45.63 -0.93 0.00	45.69 -0.98 0.00	47.57 -1.07 0.00	49.50 -1.06 0.00	51.33 -1.26 0.00	56.60 -0.98 0.00	60.69 -0.55 0.00	60.91 -0.62 0.00	63.88 -0.65 0.00	67.62 -0.48 0.00	78.57 -1.12 0.00	83.98 -0.76 0.00	93.93 -1.21 -2.02	95.61 -1.41 -2.90	102.26 -0.87 -5.98	110.95 -1.01 0.00	92.59 0.00 0.00	84.14 0.34 0.00	75.58 -0.38 0.00	63.74 -0.51 0.00	56.44 0.11 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	54.42 -0.77 0.00	48.69 -1.04 0.00	46.12 -1.09 0.00	45.12 -1.44 0.00	45.22 -1.45 0.00	47.03 -1.61 0.00	48.89 -1.67 0.00	50.55 -2.05 0.00	55.91 -1.67 0.00	60.14 -1.10 0.00	60.36 -1.17 0.00	63.30 -1.23 0.00	67.08 -1.02 0.00	77.78 -1.91 0.00	83.05 -1.69 0.00	93.16 -1.96 -1.99	94.72 -2.26 -2.85	101.39 -1.65 -5.89	109.72 -2.24 0.00	91.76 -0.83 0.00	83.21 -0.59 0.00	74.66 -1.29 0.00	63.10 -1.16 0.00	56.15 -0.17 0.00
STA_56___34_KV_BUS2 355983	54.42 -0.77 0.00	48.69 -1.04 0.00	46.12 -1.09 0.00	45.12 -1.44 0.00	45.22 -1.45 0.00	47.03 -1.61 0.00	48.89 -1.67 0.00	50.55 -2.05 0.00	55.91 -1.67 0.00	60.14 -1.10 0.00	60.36 -1.17 0.00	63.30 -1.23 0.00	67.08 -1.02 0.00	77.78 -1.91 0.00	83.05 -1.69 0.00	93.16 -1.96 -1.99	94.72 -2.26 -2.85	101.39 -1.65 -5.89	109.72 -2.24 0.00	91.76 -0.83 0.00	83.21 -0.59 0.00	74.66 -1.29 0.00	63.10 -1.16 0.00	56.15 -0.17 0.00
STA_67___115KV_BK2 355882	54.58 -0.61 0.00	48.79 -0.94 0.00	46.21 -0.99 0.00	45.21 -1.35 0.00	45.31 -1.35 0.00	47.08 -1.56 0.00	49.00 -1.57 0.00	50.55 -2.05 0.00	55.91 -1.67 0.00	60.20 -1.04 0.00	60.36 -1.17 0.00	63.36 -1.16 0.00	67.08 -1.02 0.00	77.78 -1.91 0.00	82.97 -1.78 0.00	93.17 -1.96 -2.00	94.74 -2.26 -2.88	101.44 -1.65 -5.94	109.72 -2.24 0.00	91.76 -0.83 0.00	83.30 -0.50 0.00	74.74 -1.22 0.00	63.16 -1.09 0.00	56.32 0.00 0.00
STA_7___115KV_9TRANS 80674	55.02 -0.17 0.00	49.19 -0.55 0.00	46.54 -0.66 0.00	45.54 -1.02 0.00	45.64 -1.03 0.00	47.42 -1.22 0.00	49.35 -1.21 0.00	50.97 -1.63 0.00	56.43 -1.15 0.00	60.75 -0.49 0.00	60.97 -0.55 0.00	63.94 -0.58 0.00	67.76 -0.34 0.00	78.49 -1.20 0.00	83.73 -1.02 0.00	93.92 -1.21 -2.01	95.50 -1.51 -2.88	102.32 -0.78 -5.94	110.73 -1.23 0.00	92.59 0.00 0.00	84.05 0.25 0.00	75.50 -0.46 0.00	63.81 -0.45 0.00	56.83 0.51 0.00
STA_82___115KV_TB1 80780	54.58 -0.61 0.00	48.79 -0.94 0.00	46.21 -0.99 0.00	45.26 -1.30 0.00	45.31 -1.35 0.00	47.13 -1.51 0.00	49.00 -1.57 0.00	50.55 -2.05 0.00	55.97 -1.61 0.00	60.20 -1.04 0.00	60.36 -1.17 0.00	63.36 -1.16 0.00	67.08 -1.02 0.00	77.78 -1.91 0.00	83.05 -1.69 0.00	93.18 -1.96 -2.01	94.76 -2.26 -2.89	101.47 -1.65 -5.97	109.72 -2.24 0.00	91.76 -0.83 0.00	83.30 -0.50 0.00	74.74 -1.22 0.00	63.16 -1.09 0.00	56.32 0.00 0.00
STEEL___WIND 323596	54.03 -1.16 0.00	48.24 -1.49 0.00	45.60 -1.61 0.00	44.52 -2.05 0.00	44.61 -2.05 0.00	46.31 -2.33 0.00	48.19 -2.38 0.00	49.81 -2.79 0.00	54.87 -2.71 0.00	59.16 -2.08 0.00	59.12 -2.40 0.00	62.20 -2.32 0.00	65.92 -2.18 0.00	76.10 -3.58 0.00	81.19 -3.56 0.00	91.01 -4.85 -2.73	93.25 -4.80 -3.92	100.77 -4.47 -8.09	110.96 -4.03 -3.03	93.16 -2.22 -2.79	83.26 -1.92 -1.38	73.37 -2.58 0.00	62.46 -1.80 0.00	55.93 -0.39 0.00
STEPHTWN_115KV_BK_2 55603	56.90 1.71 0.00	51.38 1.64 0.00	48.76 1.56 0.00	48.15 1.58 0.00	48.07 1.40 0.00	50.10 1.46 0.00	52.13 1.57 0.00	54.33 1.74 0.00	59.36 1.78 0.00	63.08 1.84 0.00	63.37 1.85 0.00	66.84 2.32 0.00	70.41 2.32 0.00	82.64 2.95 0.00	73.25 3.98 15.48	25.06 4.47 72.53	19.28 4.61 79.46	8.99 4.86 93.02	2.34 5.60 115.22	20.69 4.54 76.43	3.70 3.85 83.96	78.84 2.89 0.00	66.38 2.12 0.00	57.96 1.63 0.00
STEBEN_REC_LFGE 323667	55.52 0.33 0.00	49.73 0.00 0.00	47.06 -0.14 0.00	46.05 -0.51 0.00	46.20 -0.47 0.00	48.06 -0.58 0.00	50.11 -0.46 0.00	51.81 -0.79 0.00	57.12 -0.46 0.00	61.12 -0.12 0.00	61.03 -0.49 0.00	64.07 -0.45 0.00	67.76 -0.34 0.00	78.73 -0.96 0.00	84.07 -0.68 0.00	95.03 -1.77 -3.67	97.90 -1.51 -5.28	106.98 -1.07 -10.89	116.48 0.34 -4.19	98.11 1.67 -3.86	87.81 2.10 -1.91	77.09 1.14 0.00	64.77 0.51 0.00	57.45 1.13 0.00
STILLWATER___SOLAR 323814	58.22 3.03 0.00	52.52 2.78 0.00	49.80 2.59 0.00	49.08 2.51 0.00	49.05 2.38 0.00	51.12 2.48 0.00	53.24 2.68 0.00	55.33 2.73 0.00	60.51 2.93 0.00	64.30 3.06 0.00	64.36 2.83 0.00	67.68 3.16 0.00	71.37 3.27 0.00	83.67 3.98 0.00	94.73 5.00 -4.99	143.66 5.49 -45.05	158.10 5.65 -58.33	205.32 6.12 -102.04	241.01 7.62 -121.43	201.11 6.20 -102.32	155.02 5.62 -65.60	80.51 4.56 0.00	68.11 3.86 0.00	59.36 3.04 0.00
STONY___BROOK 24151	57.73 2.54 0.00	53.63 3.88 -0.02	51.60 4.39 -0.01	51.04 4.47 -0.01	50.88 4.20 -0.01	51.86 3.21 -0.01	53.75 3.19 0.00	54.64 2.05 0.00	60.26 2.88 0.20	64.92 3.67 0.00	76.70 4.49 -10.69	309.89 5.87 -239.50	324.74 6.54 -250.10	298.11 8.44 -209.98	326.27 10.25 -231.27	394.86 11.83 -289.91	351.61 12.05 -245.44	377.00 12.44 -267.41	280.35 13.88 -154.51	289.21 10.64 -185.97	297.36 8.88 -204.68	300.33 6.53 -217.84	273.91 4.75 -204.90	139.70 3.55 -79.83
STURGEON_POOL_HYD 23609	57.29 2.10 0.00	51.97 2.24 0.00	49.42 2.22 0.00	48.89 2.33 0.00	48.77 2.10 0.00	50.68 2.04 0.00	52.64 2.07 0.00	55.07 2.47 0.00	60.23 2.65 0.00	63.87 2.63 0.00	64.23 2.71 0.00	68.13 3.61 0.00	72.32 4.22 0.00	85.59 5.90 0.00	90.96 7.71 1.50	111.89 9.03 -9.73	119.41 9.32 -15.97	145.34 9.52 -38.66	127.85 10.64 -5.26	108.37 8.06 -7.73	89.71 6.54 0.63	80.59 4.63 0.00	67.15 2.89 0.00	58.58 2.25 0.00

ST_LAW_115_BK7_LBMP 345037	54.86 -0.33 0.00	49.33 -0.40 0.00	46.78 -0.43 0.00	46.14 -0.42 0.00	46.43 -0.23 0.00	48.49 -0.15 0.00	50.36 -0.20 0.00	52.28 -0.31 0.00	57.06 -0.52 0.00	60.63 -0.61 0.00	60.85 -0.68 0.00	63.29 -1.23 0.00	66.74 -1.36 0.00	77.86 -1.83 0.00	81.63 -3.05 0.07	89.24 -3.35 0.53	90.06 -3.48 0.58	92.83 -3.59 0.73	106.17 -4.25 1.54	88.84 -3.24 0.51	81.15 -2.60 0.06	74.59 -1.36 0.00	63.49 -0.77 0.00	55.82 -0.51 0.00
ST_LAW_115_BK8_LBMP 345038	54.86 -0.33 0.00	49.33 -0.40 0.00	46.78 -0.43 0.00	46.14 -0.42 0.00	46.43 -0.23 0.00	48.49 -0.15 0.00	50.36 -0.20 0.00	52.28 -0.31 0.00	57.06 -0.52 0.00	60.63 -0.61 0.00	60.85 -0.68 0.00	63.29 -1.23 0.00	66.74 -1.36 0.00	77.86 -1.83 0.00	81.63 -3.05 0.07	89.24 -3.35 0.53	90.06 -3.48 0.58	92.83 -3.59 0.73	106.17 -4.25 1.54	88.84 -3.24 0.51	81.15 -2.60 0.06	74.59 -1.36 0.00	63.49 -0.77 0.00	55.82 -0.51 0.00
ST_LAW_230_BK5_LBMP 345035	54.86 -0.33 0.00	49.33 -0.40 0.00	46.78 -0.43 0.00	46.14 -0.42 0.00	46.39 -0.28 0.00	48.45 -0.19 0.00	50.31 -0.25 0.00	52.28 -0.31 0.00	57.06 -0.52 0.00	60.63 -0.61 0.00	60.91 -0.62 0.00	63.36 -1.16 0.00	66.80 -1.30 0.00	77.93 -1.75 0.00	81.80 -2.88 0.07	89.43 -3.17 0.53	90.34 -3.20 0.58	93.02 -3.40 0.74	106.50 -3.92 1.54	89.03 -3.05 0.51	81.31 -2.43 0.06	74.59 -1.36 0.00	63.49 -0.77 0.00	55.82 -0.51 0.00
ST_LAW_230_BK6_LBMP 345036	54.86 -0.33 0.00	49.33 -0.40 0.00	46.78 -0.43 0.00	46.14 -0.42 0.00	46.39 -0.28 0.00	48.45 -0.19 0.00	50.31 -0.25 0.00	52.28 -0.31 0.00	57.06 -0.52 0.00	60.63 -0.61 0.00	60.91 -0.62 0.00	63.36 -1.16 0.00	66.80 -1.30 0.00	77.93 -1.75 0.00	81.80 -2.88 0.07	89.43 -3.17 0.53	90.34 -3.20 0.58	93.02 -3.40 0.74	106.50 -3.92 1.54	89.03 -3.05 0.51	81.31 -2.43 0.06	74.59 -1.36 0.00	63.49 -0.77 0.00	55.82 -0.51 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	56.95 1.77 0.00	51.67 1.94 0.00	49.09 1.89 0.00	48.57 2.00 0.00	48.44 1.77 0.00	50.39 1.75 0.00	52.38 1.82 0.00	54.81 2.21 0.00	60.00 2.42 0.00	63.63 2.39 0.00	64.05 2.52 0.00	67.94 3.42 0.00	71.91 3.81 0.00	84.95 5.26 0.00	91.44 6.70 0.00	121.02 7.92 -19.98	129.77 8.09 -27.55	159.06 8.36 -53.55	137.47 9.29 -16.22	114.48 6.94 -14.94	96.83 5.61 -7.42	79.83 3.87 0.00	66.57 2.31 0.00	58.13 1.80 0.00
SWANROAD_115KV_TB1 355699	53.09 -2.10 0.00	47.40 -2.34 0.00	44.80 -2.41 0.00	43.82 -2.75 0.00	43.87 -2.80 0.00	45.48 -3.16 0.00	46.87 -3.69 0.00	47.49 -5.10 0.00	52.91 -4.66 0.00	57.14 -4.10 0.00	56.97 -4.55 0.00	60.00 -4.52 0.00	63.67 -4.43 0.00	73.15 -6.53 0.00	78.05 -6.70 0.00	87.62 -8.01 -2.51	89.63 -8.09 -3.60	96.81 -7.77 -7.43	105.98 -8.73 -2.75	89.10 -6.02 -2.53	79.86 -5.20 -1.26	70.56 -5.39 0.00	59.89 -4.37 0.00	54.30 -2.03 0.00
SYNERGY___BIOGAS 323694	55.35 0.17 0.00	49.34 -0.40 0.00	46.64 -0.57 0.00	45.54 -1.02 0.00	45.59 -1.07 0.00	47.37 -1.26 0.00	49.05 -1.52 0.00	50.28 -2.31 0.00	55.97 -1.61 0.00	60.38 -0.86 0.00	60.23 -1.29 0.00	63.10 -1.42 0.00	66.81 -1.29 0.00	76.98 -2.71 0.00	82.29 -2.46 0.00	92.54 -2.89 -2.30	94.23 -3.20 -3.30	100.86 -3.11 -6.81	111.33 -3.13 -2.50	93.69 -1.20 -2.30	84.27 -0.67 -1.14	74.44 -1.52 0.00	63.10 -1.16 0.00	56.77 0.45 0.00
SYRACUSE___ENERGY_ST1 323597	55.02 -0.17 0.00	49.49 -0.25 0.00	46.97 -0.24 0.00	46.15 -0.42 0.00	46.25 -0.42 0.00	48.15 -0.49 0.00	50.16 -0.40 0.00	52.23 -0.37 0.00	57.35 -0.23 0.00	61.06 -0.18 0.00	61.46 -0.06 0.00	64.59 0.06 0.00	67.89 -0.20 0.00	79.21 -0.48 0.00	84.58 -0.17 0.00	94.54 -0.28 -1.70	96.37 -0.19 -2.44	102.09 -0.10 -5.03	111.85 -0.11 0.00	92.77 0.19 0.00	84.05 0.25 0.00	75.80 -0.15 0.00	63.87 -0.39 0.00	56.32 0.00 0.00
SYRACUSE___ENERGY_ST2 323598	55.02 -0.17 0.00	49.49 -0.25 0.00	46.97 -0.24 0.00	46.15 -0.42 0.00	46.25 -0.42 0.00	48.15 -0.49 0.00	50.16 -0.40 0.00	52.23 -0.37 0.00	57.35 -0.23 0.00	61.06 -0.18 0.00	61.46 -0.06 0.00	64.59 0.06 0.00	67.89 -0.20 0.00	79.21 -0.48 0.00	84.58 -0.17 0.00	94.54 -0.28 -1.70	96.37 -0.19 -2.44	102.09 -0.10 -5.03	111.85 -0.11 0.00	92.77 0.19 0.00	84.05 0.25 0.00	75.80 -0.15 0.00	63.87 -0.39 0.00	56.32 0.00 0.00
SYRACUSE___POWER 24017	54.86 -0.33 0.00	49.39 -0.35 0.00	46.87 -0.33 0.00	46.05 -0.51 0.00	46.15 -0.51 0.00	48.06 -0.58 0.00	50.06 -0.51 0.00	52.12 -0.47 0.00	57.23 -0.35 0.00	60.99 -0.24 0.00	61.34 -0.18 0.00	64.46 -0.06 0.00	68.10 0.00 0.00	79.53 -0.16 0.00	84.92 0.17 0.00	94.99 0.09 -1.77	96.86 0.19 -2.55	102.71 0.29 -5.26	112.41 0.45 0.00	93.24 0.65 0.00	84.39 0.59 0.00	76.03 0.08 0.00	64.00 -0.26 0.00	56.21 -0.11 0.00
TALLMAN_138KV_BK151 55660	57.17 1.99 0.00	51.87 2.14 0.00	49.28 2.08 0.00	48.75 2.19 0.00	48.63 1.96 0.00	50.58 1.95 0.00	52.59 2.02 0.00	55.12 2.52 0.00	60.34 2.76 0.00	64.00 2.76 0.00	64.42 2.89 0.00	68.46 3.94 0.00	72.53 4.43 0.00	85.74 6.06 0.00	92.37 7.63 0.00	122.94 9.03 -20.78	131.96 9.22 -28.61	162.05 9.42 -55.47	139.06 10.41 -16.68	115.74 7.78 -15.37	97.63 6.20 -7.63	80.28 4.33 0.00	66.83 2.57 0.00	58.30 1.97 0.00
TEALLAVE_115KV_TB7 355573	54.69 -0.50 0.00	49.19 -0.55 0.00	46.68 -0.52 0.00	45.91 -0.65 0.00	45.97 -0.70 0.00	47.86 -0.78 0.00	49.85 -0.71 0.00	51.91 -0.68 0.00	57.00 -0.58 0.00	60.75 -0.49 0.00	61.09 -0.43 0.00	64.26 -0.26 0.00	67.89 -0.20 0.00	79.37 -0.32 0.00	84.66 -0.08 0.00	94.42 -0.19 -1.48	96.15 -0.09 -2.12	101.44 -0.10 -4.38	111.96 0.00 0.00	92.87 0.28 0.00	84.05 0.25 0.00	75.73 -0.23 0.00	63.74 -0.51 0.00	55.99 -0.34 0.00
TELGRAPH_34_KV_EAST 80808	54.25 -0.94 0.00	48.39 -1.34 0.00	45.74 -1.46 0.00	44.70 -1.86 0.00	44.75 -1.91 0.00	46.45 -2.19 0.00	48.03 -2.53 0.00	49.02 -3.58 0.00	54.70 -2.88 0.00	59.10 -2.14 0.00	58.88 -2.65 0.00	61.81 -2.71 0.00	65.44 -2.66 0.00	75.23 -4.46 0.00	80.34 -4.41 0.00	90.01 -5.49 -2.38	91.80 -5.74 -3.42	98.96 -5.25 -7.05	108.85 -5.71 -2.60	91.56 -3.43 -2.40	82.23 -2.77 -1.19	72.61 -3.34 0.00	61.62 -2.63 0.00	55.59 -0.73 0.00
TEMPLE___115KV_TB 2 55572	54.69 -0.50 0.00	49.24 -0.50 0.00	46.73 -0.47 0.00	45.91 -0.65 0.00	46.01 -0.65 0.00	47.91 -0.73 0.00	49.85 -0.71 0.00	51.91 -0.68 0.00	57.06 -0.52 0.00	60.81 -0.43 0.00	61.16 -0.37 0.00	64.33 -0.19 0.00	67.96 -0.14 0.00	79.45 -0.24 0.00	84.75 0.00 0.00	94.53 -0.09 -1.50	96.28 0.00 -2.15	101.60 0.00 -4.45	112.07 0.11 0.00	92.96 0.37 0.00	84.05 0.25 0.00	75.80 -0.15 0.00	63.81 -0.45 0.00	56.04 -0.28 0.00
TIANA___69_KV_BK 1 55817	58.23 3.04 0.00	54.32 4.58 -0.01	51.88 4.67 0.00	51.22 4.66 0.00	51.10 4.43 0.00	53.21 4.57 0.00	54.10 3.54 0.00	56.22 3.63 0.00	61.26 3.80 0.12	66.08 4.84 0.00	75.88 6.03 -8.33	259.23 7.36 -187.35	271.60 8.04 -195.46	253.94 10.12 -164.13	281.98 12.03 -185.20	348.79 13.78 -241.89	335.71 13.84 -227.75	355.70 14.28 -244.26	261.25 16.12 -133.17	261.00 12.59 -155.82	256.61 10.89 -161.92	254.12 8.36 -169.81	229.69 5.72 -159.71	123.47 4.96 -62.19

TILDEN___115KV_TB1 80814	54.86 -0.33 0.00	49.39 -0.35 0.00	46.87 -0.33 0.00	46.05 -0.51 0.00	46.15 -0.51 0.00	48.06 -0.58 0.00	50.06 -0.51 0.00	52.12 -0.47 0.00	57.23 -0.35 0.00	60.99 -0.24 0.00	61.34 -0.18 0.00	64.46 -0.06 0.00	68.10 0.00 0.00	79.53 -0.16 0.00	84.92 0.17 0.00	94.99 0.09 -1.77	96.86 0.19 -2.55	102.71 0.29 -5.26	112.41 0.45 0.00	93.24 0.65 0.00	84.39 0.59 0.00	76.03 0.08 0.00	64.00 -0.26 0.00	56.21 -0.11 0.00
TRIGEN___CC 323695	57.40 2.21 0.00	52.97 3.23 0.00	50.51 3.30 0.00	49.96 3.40 0.00	49.84 3.17 0.00	51.80 3.16 0.00	53.14 2.58 0.00	55.33 2.74 0.00	60.28 2.71 0.00	64.42 3.18 0.00	65.59 4.06 -31.56	101.37 5.29 -25.21	99.03 5.72 -22.44	109.70 7.57 -24.48	118.06 9.24 -24.08	180.59 10.90 -76.57	278.80 11.20 -173.48	363.61 11.46 -254.99	252.73 12.76 -128.00	184.06 9.63 -81.84	102.88 7.96 -11.12	85.53 5.77 -3.81	71.67 3.98 -3.43	59.44 3.10 -0.02
TRINITY___115KV___4 BK 55933	56.29 1.10 0.00	50.88 1.14 0.00	48.34 1.13 0.00	47.73 1.16 0.00	47.65 0.98 0.00	49.66 1.02 0.00	51.62 1.06 0.00	53.81 1.21 0.00	58.84 1.27 0.00	62.53 1.29 0.00	62.82 1.29 0.00	66.26 1.74 0.00	69.87 1.77 0.00	82.08 2.39 0.00	85.30 3.22 2.67	96.99 3.63 -0.23	103.53 3.67 -5.73	128.32 3.89 -27.28	134.89 4.37 -18.56	118.24 3.43 -22.23	89.84 2.93 -3.10	78.01 2.05 0.00	65.61 1.35 0.00	57.28 0.96 0.00
UNION___PROCESSING_DRP 323587	54.58 -0.61 0.00	48.84 -0.90 0.00	46.21 -0.99 0.00	45.26 -1.30 0.00	45.31 -1.35 0.00	47.13 -1.51 0.00	49.00 -1.57 0.00	50.55 -2.05 0.00	55.97 -1.61 0.00	60.20 -1.04 0.00	60.36 -1.17 0.00	63.36 -1.16 0.00	67.15 -0.95 0.00	77.78 -1.91 0.00	83.05 -1.69 0.00	93.18 -1.96 -2.02	94.86 -2.16 -2.90	101.48 -1.65 -5.98	109.83 -2.13 0.00	91.76 -0.83 0.00	83.30 -0.50 0.00	74.74 -1.22 0.00	63.23 -1.03 0.00	56.32 0.00 0.00
UPPER HUDSON___HYD 24058	58.28 3.09 0.00	52.47 2.73 0.00	49.70 2.50 0.00	48.94 2.37 0.00	48.91 2.24 0.00	51.02 2.38 0.00	53.19 2.63 0.00	55.28 2.68 0.00	60.57 2.99 0.00	64.36 3.12 0.00	64.05 2.52 0.00	67.23 2.71 0.00	70.75 2.65 0.00	82.79 3.10 0.00	93.09 4.15 -4.19	138.78 4.47 -41.19	152.57 4.61 -53.84	198.11 5.15 -95.81	234.72 7.17 -115.59	196.88 5.84 -98.45	150.66 5.53 -61.33	80.36 4.40 0.00	68.18 3.92 0.00	59.42 3.10 0.00
UPPER RAQUET___HYD 24056	55.52 0.33 0.00	49.88 0.15 0.00	47.30 0.09 0.00	46.61 0.05 0.00	47.00 0.33 0.00	49.18 0.54 0.00	51.12 0.56 0.00	53.02 0.42 0.00	57.58 0.00 0.00	60.87 -0.37 0.00	60.54 -0.99 0.00	62.59 -1.93 0.00	66.06 -2.04 0.00	77.13 -2.55 0.00	78.71 -4.83 1.21	78.12 -5.68 9.32	78.19 -5.74 10.19	78.24 -6.02 12.89	78.21 -6.71 27.04	78.51 -5.18 8.90	78.98 -3.85 0.97	74.51 -1.45 0.00	63.55 -0.71 0.00	56.21 -0.11 0.00
VALLEY44_115KV_TB2 355964	53.42 -1.77 0.00	47.79 -1.94 0.00	45.08 -2.12 0.00	44.19 -2.37 0.00	44.24 -2.43 0.00	46.06 -2.58 0.00	47.98 -2.58 0.00	49.55 -3.05 0.00	54.99 -2.59 0.00	58.97 -2.27 0.00	58.94 -2.58 0.00	62.07 -2.45 0.00	65.78 -2.32 0.00	76.34 -3.35 0.00	81.44 -3.31 0.00	90.58 -5.59 -3.04	93.23 -5.27 -4.37	100.93 -5.25 -9.02	111.80 -3.58 -3.42	93.89 -1.85 -3.15	83.77 -1.59 -1.56	73.68 -2.28 0.00	61.88 -2.38 0.00	55.31 -1.01 0.00
VALLEY___115KV_TB 1-4 80826	55.02 -0.17 0.00	49.58 -0.15 0.00	47.11 -0.09 0.00	46.42 -0.14 0.00	46.53 -0.14 0.00	48.54 -0.10 0.00	50.46 -0.10 0.00	52.54 -0.05 0.00	57.46 -0.12 0.00	61.18 -0.06 0.00	61.40 -0.12 0.00	64.46 -0.06 0.00	68.10 0.00 0.00	79.77 0.08 0.00	85.00 0.25 0.00	93.40 0.28 0.00	94.31 0.19 0.00	97.25 0.10 0.00	112.30 0.34 0.00	92.59 0.00 0.00	83.80 0.00 0.00	75.80 -0.15 0.00	64.06 -0.19 0.00	56.15 -0.17 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	57.56 2.37 0.00	51.97 2.24 0.00	49.47 2.27 0.00	48.89 2.33 0.00	48.91 2.24 0.00	50.88 2.24 0.00	52.84 2.28 0.00	55.07 2.47 0.00	60.34 2.76 0.00	64.36 3.12 0.00	64.54 3.01 0.00	68.07 3.55 0.00	72.05 3.95 0.00	84.55 4.86 0.00	90.43 5.68 0.00	106.54 6.15 -7.27	110.87 6.31 -10.44	124.92 6.22 -21.55	134.39 7.73 -14.70	111.97 5.83 -13.55	95.72 5.20 -6.72	80.06 4.10 0.00	67.15 2.89 0.00	58.75 2.42 0.00
VISCHER___FERRY HYD 24020	57.40 2.21 0.00	51.87 2.14 0.00	49.23 2.03 0.00	48.56 2.00 0.00	48.49 1.82 0.00	50.59 1.95 0.00	52.64 2.07 0.00	54.81 2.21 0.00	59.88 2.31 0.00	63.69 2.45 0.00	63.86 2.34 0.00	67.36 2.84 0.00	71.17 3.07 0.00	83.51 3.82 0.00	97.20 4.91 -7.54	156.27 5.40 -57.75	172.79 5.55 -73.11	225.59 5.83 -122.61	258.55 6.94 -139.64	212.34 5.55 -114.20	167.74 4.86 -79.08	79.75 3.80 0.00	67.28 3.02 0.00	58.58 2.26 0.00
V_A_10_SYNC_DSASP 323832	53.48 -1.71 0.00	47.79 -1.94 0.00	45.22 -1.98 0.00	44.24 -2.33 0.00	44.33 -2.33 0.00	46.01 -2.63 0.00	47.88 -2.68 0.00	48.91 -3.68 0.00	54.35 -3.22 0.00	58.54 -2.69 0.00	58.57 -2.95 0.00	61.68 -2.84 0.00	65.31 -2.79 0.00	75.38 -4.30 0.00	80.43 -4.32 0.00	90.53 -4.84 -2.25	92.46 -4.89 -3.24	99.36 -4.47 -6.68	108.57 -5.82 -2.44	91.32 -3.52 -2.24	81.98 -2.93 -1.11	72.46 -3.49 0.00	61.43 -2.83 0.00	55.25 -1.07 0.00
V_CMM_10_SYNC_DSASP 323787	55.13 -0.06 0.00	49.59 -0.15 0.00	47.02 -0.19 0.00	46.38 -0.19 0.00	46.67 0.00 0.00	48.74 0.10 0.00	50.61 0.05 0.00	52.54 -0.05 0.00	57.35 -0.23 0.00	60.93 -0.30 0.00	61.22 -0.31 0.00	63.68 -0.84 0.00	67.15 -0.95 0.00	78.33 -1.36 0.00	82.05 -2.63 0.07	89.61 -2.98 0.53	90.53 -3.02 0.58	93.22 -3.20 0.73	106.61 -3.81 1.54	89.31 -2.78 0.51	81.65 -2.09 0.06	74.97 -0.99 0.00	63.81 -0.45 0.00	56.16 -0.17 0.00
V_CMP_10_SYNC_DSASP 323788	54.30 -0.89 0.00	49.19 -0.55 0.00	46.92 -0.28 0.00	46.29 -0.28 0.00	46.57 -0.09 0.00	48.30 -0.34 0.00	50.21 -0.35 0.00	52.17 -0.42 0.00	56.54 -1.03 0.00	60.14 -1.10 0.00	60.35 -1.17 0.00	62.78 -1.74 0.00	66.19 -1.91 0.00	77.37 -2.31 0.00	80.86 -3.73 0.16	87.80 -4.10 1.23	88.55 -4.23 1.34	90.99 -4.47 1.70	103.14 -5.26 3.56	87.62 -3.80 1.17	80.82 -2.85 0.13	74.13 -1.82 0.00	63.03 -1.22 0.00	55.37 -0.96 0.00
V_D_10_SYNC_DSASP 323841	55.47 0.28 0.00	49.88 0.15 0.00	47.25 0.05 0.00	46.61 0.05 0.00	46.95 0.28 0.00	49.03 0.39 0.00	50.97 0.40 0.00	52.91 0.32 0.00	57.63 0.06 0.00	61.18 -0.06 0.00	61.34 -0.18 0.00	63.75 -0.77 0.00	67.21 -0.89 0.00	78.49 -1.19 0.00	81.71 -2.97 0.07	89.33 -3.26 0.53	90.06 -3.48 0.58	92.73 -3.69 0.73	106.17 -4.25 1.54	88.94 -3.15 0.51	81.40 -2.35 0.06	75.27 -0.68 0.00	64.13 -0.13 0.00	56.44 0.11 0.00
V_E_10_SYNC_DSASP 323830	59.77 4.58 0.00	53.81 4.08 0.00	51.08 3.87 0.00	50.06 3.49 0.00	50.35 3.69 0.00	52.53 3.89 0.00	54.66 4.09 0.00	57.02 4.42 0.00	62.24 4.66 0.00	66.44 5.20 0.00	66.33 4.80 0.00	69.56 5.04 0.00	73.61 5.51 0.00	85.98 6.29 0.00	91.78 7.03 0.00	106.25 7.91 -5.22	110.46 8.85 -7.50	121.75 9.13 -15.47	132.46 12.65 -7.85	109.92 10.09 -7.24	96.86 9.47 -3.59	83.71 7.75 0.00	70.10 5.85 0.00	61.33 5.01 0.00

V_F_30_NSYNC___DSASP 323816	58.33 3.14 0.00	52.62 2.88 0.00	49.89 2.69 0.00	49.17 2.61 0.00	49.14 2.47 0.00	51.22 2.58 0.00	53.34 2.78 0.00	55.43 2.84 0.00	60.63 3.05 0.00	64.42 3.18 0.00	64.48 2.95 0.00	67.81 3.29 0.00	71.50 3.40 0.00	83.83 4.14 0.00	94.55 5.17 -4.63	142.12 5.68 -43.32	156.28 5.84 -56.32	202.72 6.31 -99.25	238.50 7.72 -118.82	199.48 6.30 -100.59	153.19 5.70 -63.69	80.59 4.63 0.00	68.18 3.92 0.00	59.48 3.15 0.00
V_F_30_SYNC_DSASP 323786	56.57 1.38 0.00	51.13 1.39 0.00	48.57 1.37 0.00	47.91 1.35 0.00	47.88 1.21 0.00	49.86 1.22 0.00	51.83 1.26 0.00	54.07 1.47 0.00	59.13 1.55 0.00	62.83 1.59 0.00	63.12 1.60 0.00	66.59 2.06 0.00	70.21 2.11 0.00	82.40 2.71 0.00	90.09 3.64 -1.69	122.41 4.00 -25.28	133.26 4.05 -35.09	170.30 4.27 -68.87	186.62 4.81 -69.85	157.49 3.80 -61.11	122.43 3.27 -35.36	78.31 2.35 0.00	65.93 1.67 0.00	57.56 1.24 0.00
V_XM_10_SYNC_DSASP 323789	54.30 -0.89 0.00	49.19 -0.55 0.00	46.92 -0.28 0.00	46.29 -0.28 0.00	46.57 -0.09 0.00	48.30 -0.34 0.00	50.21 -0.35 0.00	52.17 -0.42 0.00	56.54 -1.03 0.00	60.14 -1.10 0.00	60.35 -1.17 0.00	62.78 -1.74 0.00	66.19 -1.91 0.00	77.37 -2.31 0.00	80.86 -3.73 0.16	87.80 -4.10 1.23	88.55 -4.23 1.34	90.99 -4.47 1.70	103.14 -5.26 3.56	87.62 -3.80 1.17	80.82 -2.85 0.13	74.13 -1.82 0.00	63.03 -1.22 0.00	55.37 -0.96 0.00
W.BABYLN_69_KV_BK1 56697	58.23 3.04 -0.01	54.21 4.48 0.00	51.78 4.58 0.00	51.22 4.66 0.00	51.05 4.39 0.00	53.02 4.38 0.00	54.10 3.54 0.00	56.17 3.58 0.00	61.04 3.51 0.05	65.59 4.35 -0.01	67.88 5.35 -1.01	102.49 6.71 -31.25	106.03 7.42 -30.51	115.22 9.56 -25.97	138.92 11.53 -42.64	200.30 13.41 -93.76	282.31 13.74 -174.44	335.60 14.18 -224.26	231.07 16.01 -103.09	173.67 12.41 -68.67	123.48 10.31 -29.37	105.21 7.67 -21.59	89.80 5.27 -20.27	68.13 4.28 -7.53
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	57.34 2.15 0.00	52.02 2.29 0.00	49.42 2.22 0.00	48.89 2.33 0.00	48.77 2.10 0.00	50.73 2.09 0.00	52.94 2.38 0.00	55.49 2.89 0.00	60.74 3.17 0.00	64.49 3.25 0.00	64.91 3.38 0.00	68.91 4.39 0.00	73.07 4.97 0.00	86.38 6.69 0.00	93.48 8.31 -0.42	123.94 9.87 -20.95	133.03 10.07 -28.83	163.32 10.30 -55.87	144.46 11.31 -21.20	119.83 8.52 -18.72	101.30 6.96 -10.55	80.89 4.94 0.00	67.34 3.08 0.00	58.75 2.42 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	57.95 2.76 0.00	52.57 2.83 0.00	49.99 2.79 0.00	49.50 2.93 0.00	49.37 2.71 0.00	51.31 2.68 0.00	53.29 2.73 0.00	55.91 3.31 0.00	61.20 3.63 0.00	64.98 3.74 0.00	65.34 3.81 0.00	69.49 4.97 0.00	73.48 5.38 0.00	86.94 7.25 0.00	94.37 9.15 -0.47	126.05 10.99 -21.94	135.47 11.20 -30.14	166.86 12.54 -58.24	146.74 9.35 -22.24	121.53 7.37 -19.59	102.29 4.94 -11.12	80.89 3.21 0.00	67.47 2.65 0.00	58.97 2.65 0.00
W50THST__13_KV_LOAD 356117	58.28 3.09 0.00	52.87 3.13 0.00	50.27 3.07 0.00	49.78 3.21 0.00	49.65 2.99 0.00	51.61 2.97 0.00	53.70 3.13 0.00	56.28 3.68 0.00	61.72 4.15 0.00	65.53 4.29 0.00	65.89 4.37 0.00	70.07 5.55 0.00	74.16 6.06 0.00	87.74 8.05 0.00	95.30 10.08 -0.47	127.08 12.01 -21.94	136.50 12.24 -30.14	167.93 12.53 -58.24	147.86 13.66 -22.24	122.36 10.18 -19.59	102.96 8.04 -11.12	81.42 5.47 0.00	67.85 3.60 0.00	59.37 3.04 0.00
WADING RIVER_IC_1 23522	57.51 2.32 0.00	53.37 3.63 -0.01	51.32 4.10 -0.01	50.62 4.05 -0.01	50.50 3.83 -0.01	51.61 2.97 -0.01	53.49 2.93 0.00	54.49 1.89 0.00	60.28 2.82 0.12	64.92 3.67 0.00	74.56 4.74 -8.30	257.49 6.19 -186.77	269.76 6.81 -194.86	251.92 8.61 -163.62	279.87 10.42 -184.70	346.22 11.73 -241.36	333.45 11.76 -227.56	353.12 12.14 -243.82	258.42 13.65 -132.81	258.71 10.64 -155.47	254.73 9.47 -161.46	252.15 6.91 -169.28	228.75 5.27 -159.22	122.55 4.23 -62.00
WADING RIVER_IC_2 23547	57.51 2.32 0.00	53.37 3.63 -0.01	51.32 4.10 -0.01	50.62 4.05 -0.01	50.50 3.83 -0.01	51.61 2.97 -0.01	53.49 2.93 0.00	54.49 1.89 0.00	60.28 2.82 0.12	64.92 3.67 0.00	74.56 4.74 -8.30	257.49 6.19 -186.77	269.76 6.81 -194.86	251.92 8.61 -163.62	279.87 10.42 -184.70	346.22 11.73 -241.36	333.45 11.76 -227.56	353.12 12.14 -243.82	258.42 13.65 -132.81	258.71 10.64 -155.47	254.73 9.47 -161.46	252.15 6.91 -169.28	228.75 5.27 -159.22	122.55 4.23 -62.00
WADING RIVER_IC_3 23601	57.51 2.32 0.00	53.37 3.63 -0.01	51.32 4.10 -0.01	50.62 4.05 -0.01	50.50 3.83 -0.01	51.61 2.97 -0.01	53.49 2.93 0.00	54.49 1.89 0.00	60.28 2.82 0.12	64.92 3.67 0.00	74.56 4.74 -8.30	257.49 6.19 -186.77	269.76 6.81 -194.86	251.92 8.61 -163.62	279.87 10.42 -184.70	346.22 11.73 -241.36	333.45 11.76 -227.56	353.12 12.14 -243.82	258.42 13.65 -132.81	258.71 10.64 -155.47	254.73 9.47 -161.46	252.15 6.91 -169.28	228.75 5.27 -159.22	122.55 4.23 -62.00
WALDENNY_12_KV_BK2 80841	54.14 -1.05 0.00	48.34 -1.39 0.00	45.65 -1.56 0.00	44.65 -1.91 0.00	44.71 -1.96 0.00	46.45 -2.19 0.00	48.24 -2.33 0.00	49.23 -3.37 0.00	54.87 -2.71 0.00	59.22 -2.02 0.00	59.13 -2.40 0.00	62.26 -2.26 0.00	66.06 -2.04 0.00	76.18 -3.51 0.00	81.27 -3.47 0.00	91.17 -4.66 -2.71	93.40 -4.61 -3.89	100.80 -4.37 -8.02	110.93 -4.03 -3.00	93.13 -2.22 -2.76	83.24 -1.93 -1.37	73.37 -2.58 0.00	62.07 -2.18 0.00	55.99 -0.34 0.00
WALDEN___HYDRO 24148	57.45 2.26 0.00	52.07 2.34 0.00	49.52 2.31 0.00	48.94 2.37 0.00	48.81 2.15 0.00	50.78 2.14 0.00	52.79 2.22 0.00	55.23 2.63 0.00	60.40 2.82 0.00	64.12 2.88 0.00	64.48 2.95 0.00	68.33 3.81 0.00	72.46 4.36 0.00	85.59 5.90 0.00	92.20 7.46 0.00	121.62 8.75 -19.75	130.63 9.04 -27.47	160.58 9.33 -54.10	139.58 10.41 -17.21	116.32 7.87 -15.86	98.12 6.45 -7.87	80.66 4.71 0.00	67.21 2.96 0.00	58.63 2.31 0.00
WARRENSBURG____ 23737	58.28 3.09 0.00	52.47 2.74 0.00	49.71 2.50 0.00	48.94 2.37 0.00	48.91 2.24 0.00	51.02 2.38 0.00	53.19 2.63 0.00	55.38 2.79 0.00	60.57 2.99 0.00	64.36 3.12 0.00	64.05 2.52 0.00	67.23 2.71 0.00	70.75 2.66 0.00	82.88 3.19 0.00	93.09 4.15 -4.19	138.78 4.47 -41.19	152.57 4.61 -53.84	198.11 5.15 -95.81	234.71 7.17 -115.59	196.88 5.83 -98.45	150.66 5.53 -61.33	80.51 4.56 0.00	68.05 3.79 0.00	59.42 3.10 0.00
WATERSIDE___6 8 9 23538	57.40 2.21 0.00	52.17 2.44 0.00	49.71 2.50 0.00	49.40 2.84 0.00	49.19 2.52 0.00	50.83 2.19 0.00	52.79 2.22 0.00	55.33 2.74 0.00	60.57 2.99 0.00	64.30 3.06 0.00	64.60 3.08 0.00	68.72 4.19 0.00	72.59 4.49 0.00	85.82 6.14 0.00	93.52 8.31 -0.47	125.50 10.43 -21.95	134.72 10.45 -30.14	166.18 10.78 -58.24	145.51 11.31 -22.24	120.33 8.15 -19.59	101.28 6.37 -11.11	77.20 4.18 2.93	66.75 2.63 0.14	58.58 2.25 0.00
WATKINRD_115KV_LN8_ILLION 55919	55.08 -0.11 0.00	49.68 -0.05 0.00	47.20 0.00 0.00	46.56 0.00 0.00	46.62 -0.05 0.00	48.59 -0.05 0.00	50.56 0.00 0.00	52.60 0.00 0.00	57.58 0.00 0.00	61.24 0.00 0.00	61.46 -0.06 0.00	64.59 0.06 0.00	68.17 0.07 0.00	79.85 0.16 0.00	85.17 0.42 0.00	93.59 0.47 0.00	94.59 0.47 0.00	97.54 0.39 0.00	112.52 0.56 0.00	92.87 0.28 0.00	84.05 0.25 0.00	76.03 0.08 0.00	64.19 -0.06 0.00	56.27 -0.06 0.00

WDELAWARE___HYD 323627	57.07 1.88 0.00	51.67 1.94 0.00	49.09 1.89 0.00	48.52 1.96 0.00	48.39 1.73 0.00	50.29 1.65 0.00	52.38 1.82 0.00	54.59 2.00 0.00	59.94 2.36 0.00	63.57 2.33 0.00	63.86 2.34 0.00	67.62 3.10 0.00	71.71 3.61 0.00	84.71 5.02 0.00	91.18 6.44 0.00	116.19 7.73 -15.34	124.34 8.18 -22.04	151.17 8.55 -45.47	138.42 9.63 -16.83	115.32 7.23 -15.51	97.36 5.86 -7.70	80.28 4.33 0.00	67.08 2.82 0.00	58.35 2.02 0.00
WEST BABYLON___IC 23714	58.23 3.04 -0.01	54.21 4.48 0.00	51.78 4.58 0.00	51.22 4.66 0.00	51.05 4.39 0.00	53.02 4.38 0.00	54.10 3.54 0.00	56.17 3.58 0.00	61.04 3.51 0.05	65.59 4.35 -0.01	67.88 5.35 -1.01	102.49 6.71 -31.25	106.03 7.42 -30.51	115.22 9.56 -25.97	138.92 11.53 -42.64	200.30 13.41 -93.76	282.31 13.74 -174.44	335.60 14.18 -224.26	231.07 16.01 -103.09	173.67 12.41 -68.67	123.48 10.31 -29.37	105.21 7.67 -21.59	89.80 5.27 -20.27	68.13 4.28 -7.53
WEST CANADA___HYD 24049	55.41 0.22 0.00	49.98 0.25 0.00	47.49 0.28 0.00	46.85 0.28 0.00	46.90 0.23 0.00	48.88 0.24 0.00	50.82 0.25 0.00	52.86 0.26 0.00	57.87 0.29 0.00	61.55 0.31 0.00	61.83 0.31 0.00	64.98 0.45 0.00	68.58 0.48 0.00	80.40 0.72 0.00	85.77 1.02 0.00	94.25 1.12 0.00	95.26 1.13 0.00	98.23 1.07 0.00	113.31 1.35 0.00	93.52 0.93 0.00	84.64 0.84 0.00	76.49 0.54 0.00	64.64 0.39 0.00	56.55 0.23 0.00
WESTERN_NY_WIND 24143	55.30 0.11 0.00	49.29 -0.45 0.00	46.54 -0.66 0.00	45.49 -1.07 0.00	45.55 -1.12 0.00	47.33 -1.31 0.00	49.00 -1.57 0.00	50.18 -2.42 0.00	55.85 -1.73 0.00	60.32 -0.92 0.00	60.17 -1.35 0.00	63.04 -1.48 0.00	66.74 -1.36 0.00	76.82 -2.87 0.00	82.12 -2.63 0.00	92.38 -3.07 -2.33	94.08 -3.39 -3.34	100.74 -3.30 -6.89	111.14 -3.36 -2.53	93.54 -1.39 -2.34	84.12 -0.84 -1.16	74.28 -1.67 0.00	62.97 -1.29 0.00	56.66 0.34 0.00
WESTOVER___LESR 323668	55.35 0.17 0.00	49.83 0.10 0.00	47.30 0.09 0.00	46.56 0.00 0.00	46.62 -0.05 0.00	48.49 -0.15 0.00	50.46 -0.10 0.00	52.49 -0.11 0.00	57.69 0.12 0.00	61.79 0.55 0.00	62.08 0.55 0.00	65.30 0.77 0.00	69.12 1.02 0.00	80.80 1.12 0.00	86.36 1.61 0.00	99.96 1.40 -5.44	102.97 1.04 -7.81	114.43 1.17 -16.11	120.25 1.90 -6.39	100.33 1.85 -5.89	88.40 1.68 -2.92	76.87 0.91 0.00	64.58 0.32 0.00	56.77 0.45 0.00
WETHRSFD_WT_PWR 323626	54.20 -0.99 0.00	48.49 -1.24 0.00	45.83 -1.37 0.00	44.79 -1.77 0.00	44.89 -1.77 0.00	46.64 -2.00 0.00	48.54 -2.02 0.00	50.28 -2.31 0.00	55.21 -2.36 0.00	59.34 -1.90 0.00	59.19 -2.34 0.00	62.14 -2.39 0.00	65.71 -2.39 0.00	75.94 -3.74 0.00	81.11 -3.64 0.00	91.50 -4.75 -3.12	93.90 -4.70 -4.48	102.02 -4.37 -9.24	111.53 -3.92 -3.49	93.95 -1.85 -3.22	84.05 -1.34 -1.60	73.98 -1.98 0.00	62.84 -1.41 0.00	55.93 -0.39 0.00
WHAVSTOR_138KV_BK127 55557	57.12 1.93 0.00	51.82 2.09 0.00	49.23 2.03 0.00	48.75 2.19 0.00	48.63 1.96 0.00	50.58 1.95 0.00	52.53 1.97 0.00	55.02 2.42 0.00	60.23 2.65 0.00	63.93 2.69 0.00	64.29 2.77 0.00	68.33 3.81 0.00	72.39 4.29 0.00	85.59 5.90 0.00	92.63 7.46 -0.43	123.04 8.85 -21.07	132.15 9.04 -28.99	162.53 9.23 -56.15	143.44 10.19 -21.29	118.97 7.59 -18.79	100.52 6.12 -10.60	80.13 4.18 0.00	66.76 2.51 0.00	58.24 1.92 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	57.12 1.93 0.00	51.82 2.09 0.00	49.23 2.03 0.00	48.75 2.19 0.00	48.63 1.96 0.00	50.58 1.95 0.00	52.53 1.97 0.00	55.02 2.42 0.00	60.23 2.65 0.00	63.93 2.69 0.00	64.29 2.77 0.00	68.33 3.81 0.00	72.39 4.29 0.00	85.59 5.90 0.00	92.63 7.46 -0.43	123.04 8.85 -21.07	132.15 9.04 -28.99	162.53 9.23 -56.15	143.44 10.19 -21.29	118.97 7.59 -18.79	100.52 6.12 -10.60	80.13 4.18 0.00	66.76 2.51 0.00	58.24 1.92 0.00
WHITEHAL_115KV_TB1 80871	59.11 3.92 0.00	53.17 3.43 0.00	50.27 3.07 0.00	49.45 2.89 0.00	49.47 2.80 0.00	51.65 3.02 0.00	53.90 3.34 0.00	55.96 3.37 0.00	61.26 3.68 0.00	65.04 3.80 0.00	64.79 3.26 0.00	67.88 3.36 0.00	71.37 3.27 0.00	83.51 3.83 0.00	94.04 4.92 -4.38	140.50 5.31 -42.07	154.55 5.55 -54.87	200.71 6.32 -97.24	237.40 8.51 -116.93	198.97 7.04 -99.34	152.73 6.62 -62.31	81.58 5.62 0.00	69.08 4.82 0.00	60.27 3.94 0.00
WHITEPLN_13_KV_LOAD 356215	58.22 3.04 0.00	52.87 3.13 0.00	50.22 3.02 0.00	49.68 3.12 0.00	49.61 2.94 0.00	51.51 2.87 0.00	53.60 3.03 0.00	56.12 3.52 0.00	61.49 3.92 0.00	65.34 4.10 0.00	65.89 4.37 0.00	70.33 5.81 0.00	74.77 6.67 0.00	88.45 8.77 0.00	95.89 10.68 0.00	127.77 12.76 -21.89	137.28 13.08 -30.08	168.87 13.60 -58.11	149.04 14.89 -22.19	123.06 10.93 -19.54	103.95 9.05 -11.09	82.34 6.38 0.00	68.24 3.98 0.00	59.48 3.15 0.00
WM_FLOYD_69_KV_BK2 356380	58.01 2.81 0.00	54.17 4.43 -0.01	51.74 4.53 0.00	51.13 4.56 0.00	50.96 4.29 0.00	53.02 4.38 0.00	53.95 3.39 0.00	55.91 3.31 0.00	60.73 3.28 0.13	65.35 4.10 0.00	75.22 5.23 -8.47	261.63 6.58 -190.53	274.09 7.22 -198.78	255.93 9.32 -166.92	283.72 11.02 -187.96	350.55 12.66 -244.76	335.85 12.89 -228.83	356.94 13.31 -246.47	261.98 15.00 -135.01	261.95 11.67 -157.69	258.41 10.14 -164.47	256.39 7.75 -172.68	232.01 5.33 -162.42	123.96 4.39 -63.24
WOODARD___115KV_TB2 355635	54.64 -0.55 0.00	49.14 -0.60 0.00	46.64 -0.57 0.00	45.87 -0.70 0.00	45.97 -0.70 0.00	47.86 -0.78 0.00	49.80 -0.76 0.00	51.86 -0.74 0.00	56.94 -0.63 0.00	60.69 -0.55 0.00	61.03 -0.49 0.00	64.13 -0.39 0.00	67.76 -0.34 0.00	79.21 -0.48 0.00	84.49 -0.25 0.00	94.26 -0.37 -1.51	96.01 -0.28 -2.17	101.43 -0.19 -4.47	111.74 -0.22 0.00	92.68 0.09 0.00	83.88 0.08 0.00	75.58 -0.38 0.00	63.68 -0.58 0.00	55.93 -0.39 0.00
WOODMERE_69_KV_BK1 55827	58.33 3.15 0.00	53.81 4.08 0.00	51.26 4.06 0.00	50.71 4.14 0.00	50.59 3.92 0.00	52.58 3.94 0.00	53.90 3.34 0.00	56.17 3.58 0.00	61.20 3.63 0.00	65.47 4.23 0.00	66.82 5.29 0.00	144.71 6.65 -73.54	134.07 7.22 -58.75	141.30 9.32 -52.29	121.65 11.19 -25.72	187.52 12.85 -81.54	290.61 13.08 -183.40	421.93 13.50 -311.27	305.87 15.23 -178.68	233.59 11.94 -129.06	104.81 9.89 -11.12	92.18 7.37 -8.86	77.32 5.33 -7.73	60.66 4.28 -0.05
YORK___WARBASSE 23770	57.45 2.26 0.00	52.12 2.39 0.01	49.85 2.64 0.00	49.54 2.98 0.00	49.33 2.66 0.00	50.88 2.24 0.00	52.69 2.12 0.00	55.33 2.74 0.00	60.63 3.05 0.00	64.49 3.25 0.00	64.85 3.32 0.00	69.04 4.52 0.00	73.00 4.90 0.00	86.30 6.61 0.00	93.94 8.73 -0.47	125.96 10.90 -21.94	135.18 10.92 -30.14	166.76 11.37 -58.24	146.17 11.98 -22.23	120.88 8.70 -19.59	101.98 7.04 -11.14	80.66 4.71 0.01	67.14 3.02 0.14	58.69 2.37 0.00