

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

12/13/2024

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	67.49	60.07	59.32	58.93	59.39	65.96	93.67	113.94	90.23	77.87	76.42	72.82	70.98	72.86	74.72	91.77	99.55	133.80	138.92	110.16	99.11	87.77	90.20	80.34
24138	5.10	4.81	4.34	4.11	4.35	5.11	7.26	9.59	7.90	7.02	6.50	6.26	5.96	6.18	6.36	8.04	8.89	12.06	12.06	9.56	8.76	7.32	6.99	5.61
	-6.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.95	-6.02	-3.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	67.49	60.01	59.33	58.93	59.39	65.96	93.67	113.84	90.14	77.73	76.49	72.83	70.99	72.80	74.71	91.60	99.36	133.68	139.05	110.06	99.12	87.77	90.20	80.34
24260	5.11	4.75	4.34	4.11	4.35	5.11	7.26	9.50	7.82	6.87	6.57	6.26	5.96	6.11	6.36	7.87	8.70	11.93	12.18	9.46	8.76	7.32	6.99	5.61
	-6.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.96	-6.03	-3.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	67.49	60.01	59.33	58.93	59.39	65.96	93.67	113.84	90.14	77.73	76.49	72.83	70.99	72.80	74.71	91.60	99.36	133.68	139.05	110.06	99.12	87.77	90.20	80.34
24261	5.11	4.75	4.34	4.11	4.35	5.11	7.26	9.50	7.82	6.87	6.57	6.26	5.96	6.11	6.36	7.87	8.70	11.93	12.18	9.46	8.76	7.32	6.99	5.61
	-6.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.96	-6.03	-3.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	69.71	60.12	59.49	58.93	59.34	66.44	94.96	114.47	89.90	76.88	75.44	68.73	67.68	69.13	73.76	90.77	98.45	133.07	137.52	108.65	97.85	86.88	89.61	80.27
24011	4.94	4.86	4.51	4.11	4.29	5.60	8.55	10.12	7.57	6.02	5.52	4.82	4.48	4.92	5.40	7.03	7.80	11.32	10.66	8.05	7.50	6.44	6.41	5.53
	-9.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.30	-4.19	-1.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	70.00	60.45	59.76	59.15	59.61	66.81	95.56	115.10	90.39	77.30	75.72	68.97	67.92	69.38	74.10	91.18	98.99	133.80	138.15	109.25	98.39	87.37	90.03	80.64
23798	5.22	5.19	4.78	4.33	4.57	5.97	9.16	10.75	8.07	6.45	5.80	5.07	4.72	5.17	5.74	7.45	8.34	12.06	11.29	8.65	8.04	6.92	6.82	5.90
	-9.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.29	-4.19	-1.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	69.71	60.12	59.49	58.93	59.34	66.44	94.96	114.47	89.90	76.88	75.44	68.73	67.68	69.13	73.76	90.77	98.45	133.07	137.52	108.65	97.85	86.88	89.61	80.27
24028	4.94	4.86	4.51	4.11	4.29	5.60	8.55	10.12	7.57	6.02	5.52	4.82	4.48	4.92	5.40	7.03	7.80	11.32	10.66	8.05	7.50	6.44	6.41	5.53
	-9.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.30	-4.19	-1.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	68.79	59.46	58.89	58.55	58.95	65.60	93.23	112.59	88.82	76.45	75.30	69.23	68.01	69.43	73.55	90.18	97.73	131.12	136.39	108.24	97.40	86.56	89.28	80.04
23527	4.33	4.20	3.90	3.73	3.91	4.75	6.82	8.24	6.50	5.60	5.38	5.01	4.61	4.92	5.19	6.45	7.08	9.38	9.52	7.64	7.05	6.11	6.07	5.31
	-8.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.61	-4.40	-1.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	66.32	56.97	56.47	56.13	56.53	62.67	88.83	107.27	84.63	72.98	72.78	66.63	65.70	66.90	71.09	86.75	93.56	125.40	130.67	103.82	93.51	83.26	85.95	77.20
24190	1.78	1.71	1.48	1.32	1.49	1.83	2.42	2.92	2.31	2.13	2.87	2.69	2.54	2.65	2.73	3.01	2.90	3.65	3.81	3.22	3.16	2.82	2.75	2.47
	-9.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.33	-4.15	-1.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	54.61	54.76	54.76	54.76	54.77	59.99	84.85	102.16	80.92	69.72	68.80	61.54	58.06	61.95	67.40	82.30	88.75	119.19	124.08	98.49	88.45	79.16	81.96	73.91
355683	-0.89	-0.50	-0.22	-0.05	-0.28	-0.85	-1.56	-2.19	-1.40	-1.13	-1.12	-1.06	-0.94	-1.07	-0.96	-1.42	-1.90	-2.56	-2.79	-2.11	-1.90	-1.29	-1.25	-0.82
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	66.84	57.80	57.34	56.95	57.30	63.65	90.30	108.73	85.45	73.34	72.57	66.34	65.30	66.68	71.16	87.41	94.55	127.10	132.19	105.13	94.69	84.31	87.12	78.25
323833	2.50	2.54	2.36	2.14	2.26	2.80	3.89	4.38	3.13	2.48	2.66	2.57	2.36	2.58	2.80	3.68	3.90	5.35	5.33	4.53	4.34	3.86	3.91	3.51
	-8.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.16	-3.93	-1.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	66.78	57.80	57.34	56.95	57.30	63.65	90.30	108.73	85.45	73.34	72.57	66.28	65.30	66.68	71.16	87.41	94.55	126.98	132.19	105.13	94.69	84.31	87.12	78.25
323834	2.44	2.54	2.36	2.14	2.26	2.80	3.89	4.38	3.13	2.48	2.66	2.51	2.36	2.58	2.80	3.68	3.90	5.23	5.33	4.53	4.34	3.86	3.91	3.51
	-8.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.17	-3.93	-1.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	66.32	56.97	56.47	56.13	56.53	62.67	88.83	107.27	84.63	72.98	72.78	66.63	65.70	66.90	71.09	86.75	93.56	125.40	130.67	103.82	93.51	83.26	85.95	77.20
23571	1.78	1.71	1.48	1.32	1.49	1.83	2.42	2.92	2.31	2.13	2.87	2.69	2.54	2.65	2.73	3.01	2.90	3.65	3.81	3.22	3.16	2.82	2.75	2.47
	-9.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.33	-4.15	-1.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	66.32 1.78 -9.04	56.97 1.71 0.00	56.47 1.48 0.00	56.13 1.32 0.00	56.53 1.49 0.00	62.67 1.83 0.00	88.83 2.42 0.00	107.27 2.92 0.00	84.63 2.31 0.00	72.98 2.13 0.00	72.78 2.87 0.00	66.63 2.69 -1.33	65.70 2.54 -4.15	66.90 2.65 -1.23	71.09 2.73 0.00	86.75 3.01 0.00	93.56 2.90 0.00	125.40 3.65 0.00	130.67 3.81 0.00	103.82 3.22 0.00	93.51 3.16 0.00	83.26 2.82 0.00	85.95 2.75 0.00	77.20 2.47 0.00
ALBANY___3 23573	66.32 1.78 -9.04	56.97 1.71 0.00	56.47 1.48 0.00	56.13 1.32 0.00	56.53 1.49 0.00	62.67 1.83 0.00	88.83 2.42 0.00	107.27 2.92 0.00	84.63 2.31 0.00	72.98 2.13 0.00	72.78 2.87 0.00	66.63 2.69 -1.33	65.70 2.54 -4.15	66.90 2.65 -1.23	71.09 2.73 0.00	86.75 3.01 0.00	93.56 2.90 0.00	125.40 3.65 0.00	130.67 3.81 0.00	103.82 3.22 0.00	93.51 3.16 0.00	83.26 2.82 0.00	85.95 2.75 0.00	77.20 2.47 0.00
ALBANY___4 23574	66.32 1.78 -9.04	56.97 1.71 0.00	56.47 1.48 0.00	56.13 1.32 0.00	56.53 1.49 0.00	62.67 1.83 0.00	88.83 2.42 0.00	107.27 2.92 0.00	84.63 2.31 0.00	72.98 2.13 0.00	72.78 2.87 0.00	66.63 2.69 -1.33	65.70 2.54 -4.15	66.90 2.65 -1.23	71.09 2.73 0.00	86.75 3.01 0.00	93.56 2.90 0.00	125.40 3.65 0.00	130.67 3.81 0.00	103.82 3.22 0.00	93.51 3.16 0.00	83.26 2.82 0.00	85.95 2.75 0.00	77.20 2.47 0.00
ALBANY___LFGE 323615	66.90 2.28 -9.13	57.47 2.21 0.00	56.96 1.98 0.00	56.57 1.75 0.00	56.97 1.93 0.00	63.22 2.37 0.00	89.69 3.28 0.00	108.31 3.96 0.00	85.37 3.05 0.00	73.62 2.76 0.00	73.20 3.29 0.00	66.99 3.07 -1.32	66.01 2.83 -4.17	67.33 3.09 -1.22	71.57 3.21 0.00	87.41 3.68 0.00	94.38 3.72 0.00	126.49 4.74 0.00	131.56 4.70 0.00	104.73 4.13 0.00	94.32 3.97 0.00	83.98 3.54 0.00	86.62 3.41 0.00	77.80 3.07 0.00
ALCOA_PA_115KV_PL-6C 55860	54.72 -0.78 0.00	54.87 -0.39 0.00	54.87 -0.11 0.00	54.87 0.05 0.00	54.88 -0.17 0.00	60.12 -0.73 0.00	85.03 -1.38 0.00	102.36 -1.98 0.00	81.09 -1.23 0.00	69.86 -0.99 0.00	68.94 -0.98 0.00	61.67 -0.94 0.00	58.18 -0.83 0.00	62.13 -0.88 0.00	67.54 -0.82 0.00	82.46 -1.26 0.01	88.93 -1.72 0.00	119.31 -2.43 0.00	124.20 -2.66 0.00	98.69 -1.91 0.00	88.64 -1.72 0.00	79.32 -1.13 0.00	82.13 -1.08 0.00	74.06 -0.67 0.00
ALCOA_RYNLDS___DRP 24188	54.72 -0.78 0.00	54.87 -0.39 0.00	54.87 -0.11 0.00	54.87 0.05 0.00	54.88 -0.17 0.00	60.12 -0.73 0.00	85.03 -1.38 0.00	102.36 -1.98 0.00	81.09 -1.23 0.00	69.86 -0.99 0.00	68.94 -0.98 0.00	61.67 -0.94 0.00	58.18 -0.83 0.00	62.13 -0.88 0.00	67.54 -0.82 0.00	82.46 -1.26 0.01	88.93 -1.72 0.00	119.31 -2.43 0.00	124.20 -2.66 0.00	98.69 -1.91 0.00	88.64 -1.72 0.00	79.32 -1.13 0.00	82.13 -1.08 0.00	74.06 -0.67 0.00
ALCOA___DSASP 323711	54.72 -0.78 0.00	54.82 -0.44 0.00	54.87 -0.11 0.00	54.87 0.05 0.00	54.88 -0.16 0.00	60.12 -0.73 0.00	85.02 -1.39 0.00	102.36 -1.99 0.00	81.09 -1.23 0.00	69.80 -1.06 0.00	69.08 -0.84 0.00	61.67 -0.94 0.00	58.36 -0.65 0.00	62.13 -0.88 0.00	67.54 -0.82 0.00	82.47 -1.25 0.01	88.93 -1.73 0.00	119.31 -2.43 0.00	124.45 -2.41 0.00	98.69 -1.91 0.00	88.63 -1.72 0.00	79.32 -1.13 0.00	82.12 -1.08 0.00	73.99 -0.75 0.00
ALLEGHENY___COGEN 23514	55.28 -1.50 -1.28	53.66 -1.60 0.00	53.22 -1.76 0.00	53.18 -1.64 0.00	53.78 -1.26 0.00	60.42 -0.42 0.00	86.06 -0.34 0.00	102.93 -1.36 0.05	80.43 -1.89 0.00	68.31 -2.55 0.00	67.19 -2.73 0.00	59.58 -2.69 0.34	55.93 -3.13 -0.05	60.31 -2.39 0.32	65.83 -2.53 0.00	75.11 -8.62 0.00	83.40 -7.26 0.00	112.00 -9.74 0.00	117.31 -9.39 0.17	91.84 -8.75 0.00	82.32 -7.95 0.08	73.21 -7.24 0.00	76.47 -6.74 0.00	74.14 -0.60 0.00
ALTAMONT_115KV_TB 2 55880	66.59 2.05 -9.04	57.19 1.93 0.00	56.74 1.76 0.00	56.41 1.59 0.00	56.80 1.76 0.00	63.04 2.19 0.00	89.52 3.11 0.00	108.10 3.76 0.00	85.20 2.88 0.00	73.34 2.48 0.00	72.57 2.66 0.00	66.35 2.44 -1.30	65.43 2.30 -4.12	66.68 2.46 -1.20	70.95 2.60 0.00	86.91 3.18 0.00	93.92 3.26 0.00	126.01 4.26 0.00	131.43 4.57 0.00	104.32 3.72 0.00	93.88 3.52 0.00	83.50 3.06 0.00	86.29 3.08 0.00	77.43 2.69 0.00
ALTONA_WT_PWR 323606	53.84 -1.66 0.00	53.99 -1.27 0.00	54.05 -0.94 0.00	54.32 -0.49 0.00	54.22 -0.82 0.00	58.90 -1.95 0.00	81.66 -4.75 0.00	98.19 -6.16 0.00	77.96 -4.37 0.00	67.03 -3.83 0.00	67.33 -2.59 0.00	59.79 -2.82 0.00	56.41 -2.59 0.00	59.93 -3.09 0.00	65.49 -2.87 0.00	78.76 -4.77 0.20	85.49 -5.16 0.00	114.93 -6.82 0.00	120.01 -6.85 0.00	95.07 -5.53 0.00	85.65 -4.70 0.00	76.83 -3.62 0.00	79.63 -3.58 0.00	71.82 -2.92 0.00
AMERICAN_REF_FUEL 24010	52.24 -4.39 -1.13	50.95 -4.31 0.00	50.53 -4.45 0.00	50.27 -4.55 0.00	50.91 -4.13 0.00	57.02 -3.83 0.00	79.76 -6.65 0.00	93.08 -11.48 -0.21	72.70 -9.63 -0.01	62.28 -8.58 0.00	62.02 -7.90 0.00	55.30 -7.01 0.30	51.85 -7.14 0.01	56.50 -6.24 0.28	61.32 -7.04 0.00	73.77 -9.97 -0.01	80.87 -9.79 -0.01	109.83 -11.93 -0.01	115.82 -12.06 -1.01	89.27 -11.37 -0.04	79.34 -11.48 -0.47	70.48 -9.98 -0.01	75.38 -7.82 0.00	69.05 -5.68 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	53.98 -2.77 -1.25	53.77 -1.49 0.00	53.44 -1.54 0.00	53.18 -1.64 0.00	54.05 -0.99 0.00	60.66 -0.18 0.00	85.81 -0.60 0.00	100.71 -3.44 0.20	79.11 -3.21 0.00	67.67 -3.19 0.00	67.40 -2.51 0.00	59.96 -2.32 0.34	55.58 -3.42 0.00	61.32 -1.39 0.31	66.58 -1.78 0.00	80.30 -3.44 0.00	88.12 -2.54 0.00	119.56 -2.19 0.00	124.11 -2.16 0.60	97.06 -3.52 0.02	85.57 -4.52 0.27	76.91 -3.54 0.00	81.96 -1.25 0.00	74.59 -0.15 0.00
ARTHUR KILL_GT_1 23520	67.78 5.38 -6.89	60.24 4.98 -0.01	59.50 4.51 -0.01	59.16 4.33 -0.01	59.62 4.57 -0.01	66.33 5.48 -0.01	93.58 7.17 0.00	113.84 9.49 0.00	90.15 7.82 -0.01	77.67 6.80 -0.01	76.35 6.43 -0.01	72.21 5.64 -3.97	69.10 5.37 -4.73	70.66 5.48 -2.16	70.74 5.61 3.22	80.64 6.95 10.04	73.09 7.70 25.27	98.86 10.59 33.48	105.71 10.66 31.82	81.91 8.45 27.14	73.32 7.95 24.99	72.21 6.60 14.83	71.06 6.24 18.40	70.62 4.71 8.82
ARTHUR_KILL_2 23512	67.56 5.16 -6.89	60.07 4.81 -0.01	59.33 4.34 -0.01	58.99 4.16 -0.01	59.40 4.35 -0.01	66.15 5.29 -0.01	93.32 6.92 0.00	113.53 9.18 0.00	89.82 7.49 -0.01	77.46 6.59 -0.01	76.14 6.22 -0.01	72.02 5.44 -3.97	68.93 5.19 -4.73	70.53 5.35 -2.16	70.54 5.40 3.22	80.39 6.70 10.04	72.73 7.34 25.27	98.37 10.10 33.48	105.20 10.15 31.82	81.60 8.15 27.14	72.96 7.59 24.99	71.97 6.35 14.83	70.72 5.91 18.40	70.40 4.48 8.82
ARTHUR_KILL_3 23513	66.99 4.60 -6.89	59.57 4.31 0.00	58.83 3.85 0.00	58.49 3.67 0.00	58.89 3.85 0.00	65.35 4.50 0.00	92.54 6.14 0.01	112.48 8.14 0.01	89.15 6.83 0.00	76.95 6.09 0.00	75.44 5.52 0.00	72.01 5.44 -3.96	68.99 5.25 -4.73	70.48 5.29 -2.17	70.48 5.34 3.21	80.48 6.78 10.03	72.83 7.44 25.26	98.50 10.23 33.47	105.21 10.15 31.81	81.61 8.15 27.14	72.87 7.50 24.98	71.82 6.19 14.82	70.64 5.82 18.39	70.48 4.56 8.82

ARTHUR_KILL_COGEN 323718	67.78 5.38 -6.89	60.24 4.98 -0.01	59.50 4.51 -0.01	59.16 4.33 -0.01	59.62 4.57 -0.01	66.33 5.48 -0.01	93.58 7.17 0.00	113.84 9.49 0.00	90.15 7.82 -0.01	77.67 6.80 -0.01	76.35 6.43 -0.01	72.21 5.64 -3.97	69.10 5.37 -4.73	70.66 5.48 -2.16	70.74 5.61 3.22	80.64 6.95 10.04	73.09 7.70 25.27	98.86 10.59 33.48	105.71 10.66 31.82	81.91 8.45 27.14	73.32 7.95 24.99	72.21 6.60 14.83	71.06 6.24 18.40	70.62 4.71 8.82
ASHOKAN____ 23654	66.84 3.33 -8.01	60.07 4.81 0.00	59.60 4.62 0.00	59.21 4.39 0.00	59.72 4.68 0.00	66.51 5.66 0.00	95.05 8.64 0.00	114.37 10.02 0.00	90.06 7.74 0.00	76.81 5.95 0.00	75.44 5.52 0.00	69.42 6.39 -0.42	67.73 5.79 -2.94	69.65 6.24 -0.39	73.96 5.61 0.00	91.52 7.79 0.00	100.17 9.52 0.00	135.62 13.87 0.00	140.95 14.08 0.00	111.06 10.46 0.00	99.57 9.22 0.00	88.66 8.21 0.00	91.45 8.24 0.00	81.76 7.02 0.00
ASTORIA_EAST_ENERGY_CC1 323581	67.89 5.50 -6.89	60.41 5.14 -0.01	59.72 4.73 -0.01	59.37 4.55 -0.01	59.84 4.79 -0.01	66.33 5.48 -0.01	93.85 7.43 -0.01	113.95 9.59 -0.01	90.40 8.07 -0.01	77.95 7.08 -0.01	76.29 6.36 -0.01	73.03 6.45 -3.97	71.06 6.02 -6.03	73.06 6.36 -3.68	74.93 6.56 -0.01	91.86 8.12 -0.01	99.37 8.70 -0.01	133.56 11.81 -0.01	138.80 11.92 -0.01	110.17 9.56 -0.01	99.31 8.95 -0.01	88.01 7.56 -0.01	90.37 7.16 -0.01	80.58 5.83 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	67.89 5.50 -6.89	60.46 5.19 -0.01	59.72 4.73 -0.01	59.37 4.55 -0.01	59.84 4.79 -0.01	66.33 5.48 -0.01	93.85 7.43 -0.01	113.95 9.59 -0.01	90.40 8.07 -0.01	77.95 7.08 -0.01	76.29 6.36 -0.01	73.03 6.45 -3.97	71.06 6.02 -6.03	73.06 6.36 -3.68	74.93 6.56 -0.01	91.95 8.21 -0.01	99.46 8.79 -0.01	133.69 11.94 -0.01	138.80 11.92 -0.01	110.17 9.56 -0.01	99.39 9.03 -0.01	88.01 7.56 -0.01	90.45 7.24 -0.01	80.65 5.90 -0.01
ASTORIA_GT2_1 24094	67.89 5.49 -6.89	60.41 5.14 -0.01	59.72 4.73 -0.01	59.38 4.55 -0.01	59.84 4.79 -0.01	66.39 5.54 -0.01	93.93 7.52 -0.01	114.06 9.70 -0.01	90.40 8.07 -0.01	77.95 7.09 -0.01	76.36 6.43 -0.01	73.03 6.45 -3.97	71.18 6.14 -6.03	73.06 6.36 -3.68	75.00 6.63 -0.01	91.95 8.21 -0.01	99.46 8.79 -0.01	133.68 11.93 -0.01	139.05 12.18 -0.01	110.17 9.56 -0.01	99.40 9.04 -0.01	88.02 7.56 -0.01	90.45 7.24 -0.01	80.65 5.90 -0.01
ASTORIA_GT2_2 24095	67.89 5.49 -6.89	60.41 5.14 -0.01	59.72 4.73 -0.01	59.38 4.55 -0.01	59.84 4.79 -0.01	66.39 5.54 -0.01	93.93 7.52 -0.01	114.06 9.70 -0.01	90.40 8.07 -0.01	77.95 7.09 -0.01	76.36 6.43 -0.01	73.03 6.45 -3.97	71.18 6.14 -6.03	73.06 6.36 -3.68	75.00 6.63 -0.01	91.95 8.21 -0.01	99.46 8.79 -0.01	133.68 11.93 -0.01	139.05 12.18 -0.01	110.17 9.56 -0.01	99.40 9.04 -0.01	88.02 7.56 -0.01	90.45 7.24 -0.01	80.65 5.90 -0.01
ASTORIA_GT2_3 24096	67.89 5.49 -6.89	60.41 5.14 -0.01	59.72 4.73 -0.01	59.38 4.55 -0.01	59.84 4.79 -0.01	66.39 5.54 -0.01	93.93 7.52 -0.01	114.06 9.70 -0.01	90.40 8.07 -0.01	77.95 7.09 -0.01	76.36 6.43 -0.01	73.03 6.45 -3.97	71.18 6.14 -6.03	73.06 6.36 -3.68	75.00 6.63 -0.01	91.95 8.21 -0.01	99.46 8.79 -0.01	133.68 11.93 -0.01	139.05 12.18 -0.01	110.17 9.56 -0.01	99.40 9.04 -0.01	88.02 7.56 -0.01	90.45 7.24 -0.01	80.65 5.90 -0.01
ASTORIA_GT2_4 24097	67.89 5.49 -6.89	60.41 5.14 -0.01	59.72 4.73 -0.01	59.38 4.55 -0.01	59.84 4.79 -0.01	66.39 5.54 -0.01	93.93 7.52 -0.01	114.06 9.70 -0.01	90.40 8.07 -0.01	77.95 7.09 -0.01	76.36 6.43 -0.01	73.03 6.45 -3.97	71.18 6.14 -6.03	73.06 6.36 -3.68	75.00 6.63 -0.01	91.95 8.21 -0.01	99.46 8.79 -0.01	133.68 11.93 -0.01	139.05 12.18 -0.01	110.17 9.56 -0.01	99.40 9.04 -0.01	88.02 7.56 -0.01	90.45 7.24 -0.01	80.65 5.90 -0.01
ASTORIA_GT3_1 24098	67.89 5.49 -6.89	60.41 5.14 -0.01	59.72 4.73 -0.01	59.38 4.55 -0.01	59.84 4.79 -0.01	66.39 5.54 -0.01	93.93 7.52 -0.01	114.06 9.70 -0.01	90.40 8.07 -0.01	77.95 7.09 -0.01	76.36 6.43 -0.01	73.03 6.45 -3.97	71.18 6.14 -6.03	73.06 6.36 -3.68	75.00 6.63 -0.01	91.95 8.21 -0.01	99.46 8.79 -0.01	133.68 11.93 -0.01	139.05 12.18 -0.01	110.17 9.56 -0.01	99.40 9.04 -0.01	88.02 7.56 -0.01	90.45 7.24 -0.01	80.65 5.90 -0.01
ASTORIA_GT3_2 24099	67.89 5.49 -6.89	60.41 5.14 -0.01	59.72 4.73 -0.01	59.38 4.55 -0.01	59.84 4.79 -0.01	66.39 5.54 -0.01	93.93 7.52 -0.01	114.06 9.70 -0.01	90.40 8.07 -0.01	77.95 7.09 -0.01	76.36 6.43 -0.01	73.03 6.45 -3.97	71.18 6.14 -6.03	73.06 6.36 -3.68	75.00 6.63 -0.01	91.95 8.21 -0.01	99.46 8.79 -0.01	133.68 11.93 -0.01	139.05 12.18 -0.01	110.17 9.56 -0.01	99.40 9.04 -0.01	88.02 7.56 -0.01	90.45 7.24 -0.01	80.65 5.90 -0.01
ASTORIA_GT3_3 24100	67.89 5.49 -6.89	60.41 5.14 -0.01	59.72 4.73 -0.01	59.38 4.55 -0.01	59.84 4.79 -0.01	66.39 5.54 -0.01	93.93 7.52 -0.01	114.06 9.70 -0.01	90.40 8.07 -0.01	77.95 7.09 -0.01	76.36 6.43 -0.01	73.03 6.45 -3.97	71.18 6.14 -6.03	73.06 6.36 -3.68	75.00 6.63 -0.01	91.95 8.21 -0.01	99.46 8.79 -0.01	133.68 11.93 -0.01	139.05 12.18 -0.01	110.17 9.56 -0.01	99.40 9.04 -0.01	88.02 7.56 -0.01	90.45 7.24 -0.01	80.65 5.90 -0.01
ASTORIA_GT3_4 24101	67.89 5.49 -6.89	60.41 5.14 -0.01	59.72 4.73 -0.01	59.38 4.55 -0.01	59.84 4.79 -0.01	66.39 5.54 -0.01	93.93 7.52 -0.01	114.06 9.70 -0.01	90.40 8.07 -0.01	77.95 7.09 -0.01	76.36 6.43 -0.01	73.03 6.45 -3.97	71.18 6.14 -6.03	73.06 6.36 -3.68	75.00 6.63 -0.01	91.95 8.21 -0.01	99.46 8.79 -0.01	133.68 11.93 -0.01	139.05 12.18 -0.01	110.17 9.56 -0.01	99.40 9.04 -0.01	88.02 7.56 -0.01	90.45 7.24 -0.01	80.65 5.90 -0.01
ASTORIA_GT4_1 24102	67.89 5.49 -6.89	60.41 5.14 -0.01	59.72 4.73 -0.01	59.38 4.55 -0.01	59.84 4.79 -0.01	66.39 5.54 -0.01	93.93 7.52 -0.01	114.06 9.70 -0.01	90.40 8.07 -0.01	77.95 7.09 -0.01	76.36 6.43 -0.01	73.03 6.45 -3.97	71.18 6.14 -6.03	73.06 6.36 -3.68	75.00 6.63 -0.01	91.95 8.21 -0.01	99.46 8.79 -0.01	133.68 11.93 -0.01	139.05 12.18 -0.01	110.17 9.56 -0.01	99.40 9.04 -0.01	88.02 7.56 -0.01	90.45 7.24 -0.01	80.65 5.90 -0.01
ASTORIA_GT4_2 24103	67.89 5.49 -6.89	60.41 5.14 -0.01	59.72 4.73 -0.01	59.38 4.55 -0.01	59.84 4.79 -0.01	66.39 5.54 -0.01	93.93 7.52 -0.01	114.06 9.70 -0.01	90.40 8.07 -0.01	77.95 7.09 -0.01	76.36 6.43 -0.01	73.03 6.45 -3.97	71.18 6.14 -6.03	73.06 6.36 -3.68	75.00 6.63 -0.01	91.95 8.21 -0.01	99.46 8.79 -0.01	133.68 11.93 -0.01	139.05 12.18 -0.01	110.17 9.56 -0.01	99.40 9.04 -0.01	88.02 7.56 -0.01	90.45 7.24 -0.01	80.65 5.90 -0.01
ASTORIA_GT4_3 24104	67.89 5.49 -6.89	60.41 5.14 -0.01	59.72 4.73 -0.01	59.38 4.55 -0.01	59.84 4.79 -0.01	66.39 5.54 -0.01	93.93 7.52 -0.01	114.06 9.70 -0.01	90.40 8.07 -0.01	77.95 7.09 -0.01	76.36 6.43 -0.01	73.03 6.45 -3.97	71.18 6.14 -6.03	73.06 6.36 -3.68	75.00 6.63 -0.01	91.95 8.21 -0.01	99.46 8.79 -0.01	133.68 11.93 -0.01	139.05 12.18 -0.01	110.17 9.56 -0.01	99.40 9.04 -0.01	88.02 7.56 -0.01	90.45 7.24 -0.01	80.65 5.90 -0.01

ASTORIA_GT4_4 24105	67.89 5.49 -6.89	60.41 5.14 -0.01	59.72 4.73 -0.01	59.38 4.55 -0.01	59.84 4.79 -0.01	66.39 5.54 -0.01	93.93 7.52 -0.01	114.06 9.70 -0.01	90.40 8.07 -0.01	77.95 7.09 -0.01	76.36 6.43 -0.01	73.03 6.45 -3.97	71.18 6.14 -6.03	73.06 6.36 -3.68	75.00 6.63 -0.01	91.95 8.21 -0.01	99.46 8.79 -0.01	133.68 11.93 -0.01	139.05 12.18 -0.01	110.17 9.56 -0.01	99.40 9.04 -0.01	88.02 7.56 -0.01	90.45 7.24 -0.01	80.65 5.90 -0.01
ASTORIA_GT_1 23523	68.00 5.60 -6.89	60.52 5.25 -0.01	59.83 4.84 -0.01	59.48 4.66 -0.01	59.95 4.90 -0.01	66.45 5.59 -0.01	94.02 7.61 -0.01	114.27 9.92 -0.01	90.64 8.31 -0.01	78.16 7.30 -0.01	76.43 6.50 -0.01	73.15 6.57 -3.97	71.24 6.19 -6.03	73.19 6.49 -3.68	75.07 6.70 -0.01	92.11 8.37 -0.01	99.64 8.98 -0.01	133.93 12.17 -0.01	139.05 12.18 -0.01	110.47 9.86 -0.01	99.58 9.22 -0.01	88.18 7.72 -0.01	90.62 7.40 -0.01	80.73 5.98 -0.01
ASTORIA_GT_10 24110	67.56 5.16 -6.89	60.08 4.81 -0.01	59.39 4.40 -0.01	58.99 4.17 -0.01	59.45 4.40 -0.01	66.03 5.17 -0.01	93.58 7.17 0.00	113.64 9.29 0.00	90.15 7.82 -0.01	77.74 6.87 -0.01	76.50 6.57 -0.01	72.78 6.20 -3.97	70.94 5.90 -6.03	72.81 6.11 -3.68	74.72 6.36 -0.01	91.61 7.87 0.00	99.09 8.43 0.00	133.31 11.57 0.00	138.54 11.67 0.00	109.86 9.26 0.00	99.03 8.67 0.00	87.69 7.24 0.00	90.12 6.91 0.00	80.27 5.53 0.00
ASTORIA_GT_11 24225	67.56 5.16 -6.89	60.08 4.81 -0.01	59.39 4.40 -0.01	58.99 4.17 -0.01	59.45 4.40 -0.01	66.03 5.17 -0.01	93.58 7.17 0.00	113.64 9.29 0.00	90.15 7.82 -0.01	77.74 6.87 -0.01	76.50 6.57 -0.01	72.78 6.20 -3.97	70.94 5.90 -6.03	72.81 6.11 -3.68	74.72 6.36 -0.01	91.61 7.87 0.00	99.09 8.43 0.00	133.31 11.57 0.00	138.54 11.67 0.00	109.86 9.26 0.00	99.03 8.67 0.00	87.69 7.24 0.00	90.12 6.91 0.00	80.27 5.53 0.00
ASTORIA_GT_12 24226	67.56 5.16 -6.89	60.08 4.81 -0.01	59.39 4.40 -0.01	58.99 4.17 -0.01	59.45 4.40 -0.01	66.03 5.17 -0.01	93.58 7.17 0.00	113.64 9.29 0.00	90.15 7.82 -0.01	77.74 6.87 -0.01	76.50 6.57 -0.01	72.78 6.20 -3.97	70.94 5.90 -6.03	72.81 6.11 -3.68	74.72 6.36 -0.01	91.61 7.87 0.00	99.09 8.43 0.00	133.31 11.57 0.00	138.54 11.67 0.00	109.86 9.26 0.00	99.03 8.67 0.00	87.69 7.24 0.00	90.12 6.91 0.00	80.27 5.53 0.00
ASTORIA_GT_13 24227	67.56 5.16 -6.89	60.08 4.81 -0.01	59.39 4.40 -0.01	58.99 4.17 -0.01	59.45 4.40 -0.01	66.03 5.17 -0.01	93.58 7.17 0.00	113.64 9.29 0.00	90.15 7.82 -0.01	77.74 6.87 -0.01	76.50 6.57 -0.01	72.78 6.20 -3.97	70.94 5.90 -6.03	72.81 6.11 -3.68	74.72 6.36 -0.01	91.61 7.87 0.00	99.09 8.43 0.00	133.31 11.57 0.00	138.54 11.67 0.00	109.86 9.26 0.00	99.03 8.67 0.00	87.69 7.24 0.00	90.12 6.91 0.00	80.27 5.53 0.00
ASTORIA_GT_5 24106	68.00 5.61 -6.89	60.52 5.25 -0.01	59.83 4.84 -0.01	59.43 4.60 -0.01	59.89 4.84 -0.01	66.45 5.60 -0.01	94.02 7.60 -0.01	114.27 9.91 -0.01	90.64 8.31 -0.01	78.09 7.23 -0.01	76.50 6.57 -0.01	73.15 6.57 -3.97	71.30 6.25 -6.03	73.19 6.49 -3.68	75.13 6.77 -0.01	92.11 8.37 -0.01	99.64 8.98 -0.01	133.93 12.17 -0.01	139.31 12.43 -0.01	110.47 9.86 -0.01	99.58 9.22 -0.01	88.18 7.72 -0.01	90.62 7.41 -0.01	80.80 6.05 -0.01
ASTORIA_GT_7 24107	68.00 5.61 -6.89	60.52 5.25 -0.01	59.83 4.84 -0.01	59.43 4.60 -0.01	59.89 4.84 -0.01	66.45 5.60 -0.01	94.02 7.60 -0.01	114.27 9.91 -0.01	90.64 8.31 -0.01	78.09 7.23 -0.01	76.50 6.57 -0.01	73.15 6.57 -3.97	71.30 6.25 -6.03	73.19 6.49 -3.68	75.13 6.77 -0.01	92.11 8.37 -0.01	99.64 8.98 -0.01	133.93 12.17 -0.01	139.31 12.43 -0.01	110.47 9.86 -0.01	99.58 9.22 -0.01	88.18 7.72 -0.01	90.62 7.41 -0.01	80.80 6.05 -0.01
ASTORIA_GT_8 24108	68.00 5.61 -6.89	60.52 5.25 -0.01	59.83 4.84 -0.01	59.43 4.60 -0.01	59.89 4.84 -0.01	66.45 5.60 -0.01	94.02 7.60 -0.01	114.27 9.91 -0.01	90.64 8.31 -0.01	78.09 7.23 -0.01	76.50 6.57 -0.01	73.15 6.57 -3.97	71.30 6.25 -6.03	73.19 6.49 -3.68	75.13 6.77 -0.01	92.11 8.37 -0.01	99.64 8.98 -0.01	133.93 12.17 -0.01	139.31 12.43 -0.01	110.47 9.86 -0.01	99.58 9.22 -0.01	88.18 7.72 -0.01	90.62 7.41 -0.01	80.80 6.05 -0.01
ASTORIA___2 24149	67.89 5.50 -6.89	60.46 5.19 -0.01	59.72 4.73 -0.01	59.37 4.55 -0.01	59.84 4.79 -0.01	66.33 5.48 -0.01	93.93 7.51 -0.01	114.06 9.71 -0.01	90.40 8.07 -0.01	77.95 7.08 -0.01	76.29 6.36 -0.01	73.03 6.45 -3.97	71.06 6.02 -6.03	73.06 6.36 -3.68	74.93 6.56 -0.01	91.95 8.21 -0.01	99.46 8.79 -0.01	133.69 11.94 -0.01	138.80 11.92 -0.01	110.17 9.56 -0.01	99.39 9.03 -0.01	88.01 7.56 -0.01	90.45 7.24 -0.01	80.65 5.90 -0.01
ASTORIA___3 23516	67.56 5.16 -6.89	60.13 4.86 -0.01	59.39 4.40 -0.01	59.05 4.22 -0.01	59.46 4.41 -0.01	66.02 5.17 -0.01	93.58 7.17 0.00	113.63 9.28 0.00	90.15 7.82 -0.01	77.74 6.87 -0.01	76.29 6.36 -0.01	72.78 6.20 -3.97	70.94 5.90 -6.03	72.81 6.11 -3.68	74.65 6.28 -0.01	91.60 7.87 0.00	99.09 8.43 0.00	133.19 11.44 0.00	138.29 11.42 0.00	109.76 9.15 0.00	98.94 8.59 0.00	87.69 7.24 0.00	90.11 6.90 0.00	80.19 5.45 0.00
ASTORIA___4 23517	67.56 5.16 -6.89	60.02 4.75 -0.01	59.39 4.40 -0.01	58.99 4.17 -0.01	59.45 4.40 -0.01	66.03 5.17 -0.01	93.58 7.17 0.00	113.63 9.29 0.00	90.15 7.82 -0.01	77.67 6.80 -0.01	76.43 6.50 -0.01	72.78 6.20 -3.97	70.94 5.90 -6.03	72.81 6.11 -3.68	74.72 6.36 -0.01	91.52 7.79 0.00	99.09 8.43 0.00	133.19 11.44 0.00	138.54 11.67 0.00	109.76 9.15 0.00	98.94 8.58 0.00	87.69 7.24 0.00	90.11 6.91 0.00	80.19 5.46 0.00
ASTORIA___5 23518	67.56 5.16 -6.89	60.13 4.86 -0.01	59.39 4.40 -0.01	59.05 4.22 -0.01	59.46 4.41 -0.01	66.02 5.17 -0.01	93.58 7.17 0.00	113.63 9.28 0.00	90.15 7.82 -0.01	77.74 6.87 -0.01	76.29 6.36 -0.01	72.78 6.20 -3.97	70.94 5.90 -6.03	72.81 6.11 -3.68	74.65 6.28 -0.01	91.60 7.87 0.00	99.09 8.43 0.00	133.19 11.44 0.00	138.29 11.42 0.00	109.76 9.15 0.00	98.94 8.59 0.00	87.69 7.24 0.00	90.11 6.90 0.00	80.19 5.45 0.00
AST_ENERGY_2_CC3 323677	67.16 4.77 -6.89	59.73 4.47 0.00	58.99 4.01 0.00	58.65 3.84 0.00	59.12 4.07 0.00	65.53 4.69 0.00	92.97 6.56 0.00	113.00 8.66 0.00	89.48 7.16 0.00	77.24 6.38 0.00	75.86 5.94 0.00	72.39 5.82 -3.96	70.64 5.61 -6.02	72.42 5.73 -3.67	74.10 5.74 0.00	91.01 7.28 0.00	98.64 7.98 0.00	132.71 10.96 0.00	137.78 10.91 0.00	109.25 8.65 0.00	98.39 8.04 0.00	87.12 6.67 0.00	89.61 6.41 0.00	79.74 5.01 0.00
AST_ENERGY_2_CC4 323678	67.16 4.77 -6.89	59.73 4.47 0.00	58.99 4.01 0.00	58.65 3.84 0.00	59.12 4.07 0.00	65.53 4.69 0.00	92.97 6.56 0.00	113.00 8.66 0.00	89.48 7.16 0.00	77.24 6.38 0.00	75.86 5.94 0.00	72.39 5.82 -3.96	70.64 5.61 -6.02	72.42 5.73 -3.67	74.10 5.74 0.00	91.01 7.28 0.00	98.64 7.98 0.00	132.71 10.96 0.00	137.78 10.91 0.00	109.25 8.65 0.00	98.39 8.04 0.00	87.12 6.67 0.00	89.61 6.41 0.00	79.74 5.01 0.00

ATHENS_STG_1 23668	66.19	57.80	57.24	56.95	57.35	63.65	90.39	109.25	86.27	74.33	73.27	67.99	66.63	68.20	71.64	87.83	95.01	127.47	132.58	105.33	94.87	84.31	87.04	77.95
	2.66	2.54	2.26	2.14	2.31	2.80	3.98	4.91	3.95	3.47	3.36	3.19	2.95	3.15	3.28	4.10	4.35	5.72	5.71	4.73	4.52	3.86	3.83	3.21
	-8.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.19	-4.67	-2.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ATHENS_STG_2 23670	66.19	57.80	57.24	56.95	57.35	63.65	90.39	109.25	86.27	74.33	73.27	67.99	66.63	68.20	71.64	87.83	95.01	127.47	132.58	105.33	94.87	84.31	87.04	77.95
	2.66	2.54	2.26	2.14	2.31	2.80	3.98	4.91	3.95	3.47	3.36	3.19	2.95	3.15	3.28	4.10	4.35	5.72	5.71	4.73	4.52	3.86	3.83	3.21
	-8.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.19	-4.67	-2.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ATHENS_STG_3 23677	66.19	57.80	57.24	56.95	57.35	63.65	90.39	109.25	86.27	74.33	73.27	67.99	66.63	68.20	71.64	87.83	95.01	127.47	132.58	105.33	94.87	84.31	87.04	77.95
	2.66	2.54	2.26	2.14	2.31	2.80	3.98	4.91	3.95	3.47	3.36	3.19	2.95	3.15	3.28	4.10	4.35	5.72	5.71	4.73	4.52	3.86	3.83	3.21
	-8.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.19	-4.67	-2.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AUBURN___LFGE 323710	56.29	54.93	54.54	54.38	54.77	61.09	87.27	105.08	82.73	70.93	69.85	62.25	58.77	62.74	68.29	83.73	91.29	123.08	128.26	101.41	90.71	80.61	83.46	74.89
	-0.17	-0.33	-0.44	-0.44	-0.28	0.24	0.86	0.73	0.41	0.07	-0.07	-0.13	-0.30	-0.06	-0.07	0.00	0.63	1.34	1.40	0.80	0.36	0.16	0.25	0.15
	-0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23	-0.06	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BABYLON_RES_REC 323704	68.88	61.29	60.15	59.70	60.05	66.81	95.83	116.55	92.11	78.93	77.83	73.91	71.96	74.02	76.09	102.54	136.29	150.72	143.71	136.48	132.51	132.94	103.89	88.41
	6.49	6.02	5.17	4.88	5.01	5.97	9.42	12.20	9.79	8.07	7.90	7.32	6.90	7.31	7.72	9.71	10.69	14.73	14.84	11.66	10.66	9.17	9.15	7.70
	-6.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-3.98	-6.05	-3.69	-0.01	-9.09	-34.94	-14.25	-2.01	-24.22	-31.50	-43.33	-11.53	-5.97
BABYLON__69_KV_BK2 356345	69.55	61.89	60.81	60.30	60.66	67.54	97.12	118.02	93.19	79.57	78.88	74.79	72.79	74.90	77.12	103.71	137.65	152.68	145.88	138.00	133.87	134.23	105.14	89.60
	7.16	6.63	5.83	5.48	5.61	6.69	10.71	13.67	10.87	8.72	8.95	8.20	7.73	8.19	8.75	10.89	12.06	16.68	17.00	13.18	12.02	10.46	10.40	8.89
	-6.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-3.98	-6.05	-3.69	-0.01	-9.10	-34.94	-14.25	-2.01	-24.22	-31.50	-43.33	-11.53	-5.97
BALL_HILL_WT_PWR 323825	53.71	53.44	53.06	52.79	53.56	59.99	84.59	98.81	77.63	66.39	66.07	58.84	54.58	60.13	65.28	78.71	86.40	117.12	121.39	95.05	83.82	75.30	80.21	73.16
	-3.00	-1.82	-1.93	-2.03	-1.48	-0.85	-1.82	-5.32	-4.69	-4.46	-3.85	-3.44	-4.43	-2.59	-3.07	-5.02	-4.26	-4.63	-4.82	-5.53	-6.23	-5.15	-2.99	-1.57
	-1.21	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.00	0.00	0.00	0.32	0.01	0.30	0.00	0.00	0.00	0.00	0.65	0.02	0.30	0.00	0.00	0.00
BARON_WINDS___WT_PWR 323822	55.32	54.43	53.99	53.83	54.44	60.91	86.50	102.52	80.43	68.58	67.82	60.22	56.34	61.27	66.92	81.48	89.48	120.90	125.24	98.67	87.78	78.60	82.46	74.89
	-1.83	-0.83	-0.99	-0.99	-0.60	0.06	0.09	-1.67	-1.89	-2.27	-2.10	-1.94	-2.71	-1.33	-1.44	-2.26	-1.18	-0.85	-1.14	-1.91	-2.35	-1.85	-0.75	0.15
	-1.65	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.45	-0.05	0.42	0.00	0.00	0.00	0.00	0.48	0.01	0.22	0.00	0.00	0.00
BARRETT_IC_1 23704	68.21	60.68	59.60	59.21	59.56	66.20	94.19	114.47	90.47	77.80	76.50	72.79	71.01	72.89	74.80	100.86	134.11	147.32	140.29	133.97	130.43	131.01	102.65	87.29
	5.83	5.42	4.62	4.39	4.51	5.36	7.78	10.12	8.15	6.95	6.57	6.20	5.96	6.18	6.42	8.04	8.52	11.32	11.42	9.15	8.59	7.24	7.91	6.58
	-6.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-3.98	-6.05	-3.69	-0.01	-9.09	-34.93	-14.25	-2.00	-24.21	-31.49	-43.32	-11.53	-5.97
BARRETT_IC_10 23701	68.21	60.68	59.60	59.21	59.56	66.20	94.19	114.47	90.47	77.80	76.50	72.79	71.01	72.89	74.80	100.86	134.11	147.32	140.29	133.97	130.43	131.01	102.65	87.29
	5.83	5.42	4.62	4.39	4.51	5.36	7.78	10.12	8.15	6.95	6.57	6.20	5.96	6.18	6.42	8.04	8.52	11.32	11.42	9.15	8.59	7.24	7.91	6.58
	-6.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-3.98	-6.05	-3.69	-0.01	-9.09	-34.93	-14.25	-2.00	-24.21	-31.49	-43.32	-11.53	-5.97
BARRETT_IC_11 23702	68.21	60.68	59.60	59.21	59.56	66.20	94.19	114.47	90.47	77.80	76.50	72.79	71.01	72.89	74.80	100.86	134.11	147.32	140.29	133.97	130.43	131.01	102.65	87.29
	5.83	5.42	4.62	4.39	4.51	5.36	7.78	10.12	8.15	6.95	6.57	6.20	5.96	6.18	6.42	8.04	8.52	11.32	11.42	9.15	8.59	7.24	7.91	6.58
	-6.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-3.98	-6.05	-3.69	-0.01	-9.09	-34.93	-14.25	-2.00	-24.21	-31.49	-43.32	-11.53	-5.97
BARRETT_IC_12 23703	68.21	60.68	59.60	59.21	59.56	66.20	94.19	114.47	90.47	77.80	76.50	72.79	71.01	72.89	74.80	100.86	134.11	147.32	140.29	133.97	130.43	131.01	102.65	87.29
	5.83	5.42	4.62	4.39	4.51	5.36	7.78	10.12	8.15	6.95	6.57	6.20	5.96	6.18	6.42	8.04	8.52	11.32	11.42	9.15	8.59	7.24	7.91	6.58
	-6.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-3.98	-6.05	-3.69	-0.01	-9.09	-34.93	-14.25	-2.00	-24.21	-31.49	-43.32	-11.53	-5.97
BARRETT_IC_2 23705	68.21	60.68	59.60	59.21	59.56	66.20	94.19	114.47	90.47	77.80	76.50	72.79	71.01	72.89	74.80	100.86	134.11	147.32	140.29	133.97	130.43	131.01	102.65	87.29
	5.83	5.42	4.62	4.39	4.51	5.36	7.78	10.12	8.15	6.95	6.57	6.20	5.96	6.18	6.42	8.04	8.52	11.32	11.42	9.15	8.59	7.24	7.91	6.58
	-6.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-3.98	-6.05	-3.69	-0.01	-9.09	-34.93	-14.25	-2.00	-24.21	-31.49	-43.32	-11.53	-5.97
BARRETT_IC_3 23706	68.21	60.68	59.60	59.21	59.56	66.20	94.19	114.47	90.47	77.80	76.50	72.79	71.01	72.89	74.80	100.86	134.11	147.32	140.29	133.97	130.43	131.01	102.65	87.29
	5.83	5.42	4.62	4.39	4.51	5.36	7.78	10.12	8.15	6.95	6.57	6.20	5.96	6.18	6.42	8.04	8.52	11.32	11.42	9.15	8.59	7.24	7.91	6.58
	-6.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-3.98	-6.05	-3.69	-0.01	-9.09	-34.93	-14.25	-2.00	-24.21	-31.49	-43.32	-11.53	-5.97
BARRETT_IC_4 23707	68.21	60.68	59.60	59.21	59.56	66.20	94.19	114.47	90.47	77.80	76.50	72.79	71.01	72.89	74.80	100.86	134.11	147.32	140.29	133.97	130.43	131.01	102.65	87.29
	5.83	5.42	4.62	4.39	4.51	5.36	7.78	10.12	8.15	6.95	6.57	6.20	5.96	6.18	6.42	8.04	8.52	11.32	11.42	9.15	8.59	7.24	7.91	6.58
	-6.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-3.98	-6.05	-3.69	-0.01	-9.09	-34.93	-14.25	-2.00	-24.21	-31.49	-43.32	-11.53	-5.97

BARRETT_IC_5 23708	68.21 5.83 -6.89	60.68 5.42 0.00	59.60 4.62 0.00	59.21 4.39 0.00	59.56 4.51 0.00	66.20 5.36 0.00	94.19 7.78 0.00	114.47 10.12 0.00	90.47 8.15 0.00	77.80 6.95 0.00	76.50 6.57 -0.01	72.79 6.20 -3.98	71.01 5.96 -6.05	72.89 6.18 -3.69	74.80 6.42 -0.01	100.86 8.04 -9.09	134.11 8.52 -34.93	147.32 11.32 -14.25	140.29 11.42 -2.00	133.97 9.15 -24.21	130.43 8.59 -31.49	131.01 7.24 -43.32	102.65 7.91 -11.53	87.29 6.58 -5.97
BARRETT_IC_6 23709	68.21 5.83 -6.89	60.68 5.42 0.00	59.60 4.62 0.00	59.21 4.39 0.00	59.56 4.51 0.00	66.20 5.36 0.00	94.19 7.78 0.00	114.47 10.12 0.00	90.47 8.15 0.00	77.80 6.95 0.00	76.50 6.57 -0.01	72.79 6.20 -3.98	71.01 5.96 -6.05	72.89 6.18 -3.69	74.80 6.42 -0.01	100.86 8.04 -9.09	134.11 8.52 -34.93	147.32 11.32 -14.25	140.29 11.42 -2.00	133.97 9.15 -24.21	130.43 8.59 -31.49	131.01 7.24 -43.32	102.65 7.91 -11.53	87.29 6.58 -5.97
BARRETT_IC_7 23710	68.16 5.77 -6.89	60.62 5.36 0.00	59.60 4.62 0.00	59.15 4.33 0.00	59.56 4.51 0.00	66.20 5.35 0.00	94.19 7.78 0.00	114.47 10.12 0.00	90.47 8.15 0.00	77.73 6.87 0.00	76.57 6.64 -0.01	72.79 6.20 -3.98	71.02 5.96 -6.05	72.89 6.18 -3.69	74.87 6.49 -0.01	100.78 7.95 -9.09	134.11 8.52 -34.93	147.32 11.32 -14.25	140.54 11.67 -2.00	134.07 9.26 -24.21	130.43 8.58 -31.49	131.01 7.24 -43.32	102.65 7.90 -11.53	87.28 6.58 -5.97
BARRETT_IC_8 23711	68.21 5.83 -6.89	60.68 5.42 0.00	59.60 4.62 0.00	59.21 4.39 0.00	59.56 4.51 0.00	66.20 5.36 0.00	94.19 7.78 0.00	114.47 10.12 0.00	90.47 8.15 0.00	77.80 6.95 0.00	76.50 6.57 -0.01	72.79 6.20 -3.98	71.01 5.96 -6.05	72.89 6.18 -3.69	74.80 6.42 -0.01	100.86 8.04 -9.09	134.11 8.52 -34.93	147.32 11.32 -14.25	140.29 11.42 -2.00	133.97 9.15 -24.21	130.43 8.59 -31.49	131.01 7.24 -43.32	102.65 7.91 -11.53	87.29 6.58 -5.97
BARRETT_IC_9 23700	68.21 5.83 -6.89	60.68 5.42 0.00	59.60 4.62 0.00	59.21 4.39 0.00	59.56 4.51 0.00	66.20 5.36 0.00	94.19 7.78 0.00	114.47 10.12 0.00	90.47 8.15 0.00	77.80 6.95 0.00	76.50 6.57 -0.01	72.79 6.20 -3.98	71.01 5.96 -6.05	72.89 6.18 -3.69	74.80 6.42 -0.01	100.86 8.04 -9.09	134.11 8.52 -34.93	147.32 11.32 -14.25	140.29 11.42 -2.00	133.97 9.15 -24.21	130.43 8.59 -31.49	131.01 7.24 -43.32	102.65 7.91 -11.53	87.29 6.58 -5.97
BARRETT___1 23545	68.21 5.83 -6.89	60.68 5.42 0.00	59.60 4.62 0.00	59.21 4.39 0.00	59.56 4.51 0.00	66.20 5.36 0.00	94.19 7.78 0.00	114.47 10.12 0.00	90.47 8.15 0.00	77.80 6.95 0.00	76.50 6.57 -0.01	72.79 6.20 -3.98	71.01 5.96 -6.05	72.89 6.18 -3.69	74.80 6.42 -0.01	100.86 8.04 -9.09	134.11 8.52 -34.93	147.32 11.32 -14.25	140.29 11.42 -2.00	133.97 9.15 -24.21	130.43 8.59 -31.49	131.01 7.24 -43.32	102.65 7.91 -11.53	87.29 6.58 -5.97
BARRETT___2 23546	68.21 5.83 -6.89	60.68 5.42 0.00	59.60 4.62 0.00	59.21 4.39 0.00	59.56 4.51 0.00	66.20 5.36 0.00	94.19 7.78 0.00	114.47 10.12 0.00	90.47 8.15 0.00	77.80 6.95 0.00	76.50 6.57 -0.01	72.79 6.20 -3.98	71.01 5.96 -6.05	72.89 6.18 -3.69	74.80 6.42 -0.01	100.86 8.04 -9.09	134.11 8.52 -34.93	147.32 11.32 -14.25	140.29 11.42 -2.00	133.97 9.15 -24.21	130.43 8.59 -31.49	131.01 7.24 -43.32	102.65 7.91 -11.53	87.29 6.58 -5.97
BATAVIA__115KV_TB1 55881	54.54 -2.00 -1.03	53.05 -2.21 0.00	52.73 -2.25 0.00	52.57 -2.25 0.00	53.06 -1.98 0.00	59.69 -1.16 0.00	83.99 -2.42 0.00	100.64 -5.22 -1.51	77.66 -4.69 -0.03	66.32 -4.53 0.00	65.72 -4.19 0.00	58.58 -3.76 0.27	55.36 -3.66 -0.01	59.49 -3.28 0.25	64.53 -3.83 0.00	78.40 -5.36 -0.03	86.25 -4.44 -0.03	116.19 -5.60 -0.04	124.56 -6.22 -3.91	94.81 -5.94 -0.14	85.74 -6.42 -1.80	74.76 -5.71 -0.03	79.13 -4.08 0.00	71.97 -2.77 0.00
BAYONEEC___CTG1 323682	67.21 4.83 -6.89	59.73 4.47 0.00	58.99 4.01 0.00	58.65 3.84 0.00	59.12 4.07 0.00	65.60 4.75 0.00	92.97 6.56 0.00	113.11 8.77 0.00	89.57 7.25 0.00	77.30 6.45 0.00	75.79 5.87 0.00	72.32 5.76 -3.96	70.52 5.49 -6.02	72.36 5.67 -3.67	74.10 5.74 0.00	84.35 7.28 6.66	82.69 7.98 15.95	116.67 10.96 16.04	121.89 10.91 15.89	93.35 8.65 15.90	82.54 8.04 15.85	75.60 6.67 11.52	75.60 6.32 13.93	74.35 5.01 5.39
BAYONEEC___CTG10 323750	67.21 4.83 -6.89	59.73 4.47 0.00	58.99 4.01 0.00	58.65 3.84 0.00	59.12 4.07 0.00	65.60 4.75 0.00	92.97 6.56 0.00	113.11 8.77 0.00	89.57 7.25 0.00	77.30 6.45 0.00	75.79 5.87 0.00	72.32 5.76 -3.96	70.52 5.49 -6.02	72.36 5.67 -3.67	74.10 5.74 0.00	84.35 7.28 6.66	82.69 7.98 15.95	116.67 10.96 16.04	121.89 10.91 15.89	93.35 8.65 15.90	82.54 8.04 15.85	75.60 6.67 11.52	75.60 6.32 13.93	74.35 5.01 5.39
BAYONEEC___CTG2 323683	67.21 4.83 -6.89	59.73 4.47 0.00	58.99 4.01 0.00	58.65 3.84 0.00	59.12 4.07 0.00	65.60 4.75 0.00	92.97 6.56 0.00	113.11 8.77 0.00	89.57 7.25 0.00	77.30 6.45 0.00	75.79 5.87 0.00	72.32 5.76 -3.96	70.52 5.49 -6.02	72.36 5.67 -3.67	74.10 5.74 0.00	84.35 7.28 6.66	82.69 7.98 15.95	116.67 10.96 16.04	121.89 10.91 15.89	93.35 8.65 15.90	82.54 8.04 15.85	75.60 6.67 11.52	75.60 6.32 13.93	74.35 5.01 5.39
BAYONEEC___CTG3 323684	67.21 4.83 -6.89	59.73 4.47 0.00	58.99 4.01 0.00	58.65 3.84 0.00	59.12 4.07 0.00	65.60 4.75 0.00	92.97 6.56 0.00	113.11 8.77 0.00	89.57 7.25 0.00	77.30 6.45 0.00	75.79 5.87 0.00	72.32 5.76 -3.96	70.52 5.49 -6.02	72.36 5.67 -3.67	74.10 5.74 0.00	84.35 7.28 6.66	82.69 7.98 15.95	116.67 10.96 16.04	121.89 10.91 15.89	93.35 8.65 15.90	82.54 8.04 15.85	75.60 6.67 11.52	75.60 6.32 13.93	74.35 5.01 5.39
BAYONEEC___CTG4 323685	67.21 4.83 -6.89	59.73 4.47 0.00	58.99 4.01 0.00	58.65 3.84 0.00	59.12 4.07 0.00	65.60 4.75 0.00	92.97 6.56 0.00	113.11 8.77 0.00	89.57 7.25 0.00	77.30 6.45 0.00	75.79 5.87 0.00	72.32 5.76 -3.96	70.52 5.49 -6.02	72.36 5.67 -3.67	74.10 5.74 0.00	84.35 7.28 6.66	82.69 7.98 15.95	116.67 10.96 16.04	121.89 10.91 15.89	93.35 8.65 15.90	82.54 8.04 15.85	75.60 6.67 11.52	75.60 6.32 13.93	74.35 5.01 5.39
BAYONEEC___CTG5 323686	67.21 4.83 -6.89	59.73 4.47 0.00	58.99 4.01 0.00	58.65 3.84 0.00	59.12 4.07 0.00	65.60 4.75 0.00	92.97 6.56 0.00	113.11 8.77 0.00	89.57 7.25 0.00	77.30 6.45 0.00	75.79 5.87 0.00	72.32 5.76 -3.96	70.52 5.49 -6.02	72.36 5.67 -3.67	74.10 5.74 0.00	84.35 7.28 6.66	82.69 7.98 15.95	116.67 10.96 16.04	121.89 10.91 15.89	93.35 8.65 15.90	82.54 8.04 15.85	75.60 6.67 11.52	75.60 6.32 13.93	74.35 5.01 5.39
BAYONEEC___CTG6 323687	67.21 4.83 -6.89	59.73 4.47 0.00	58.99 4.01 0.00	58.65 3.84 0.00	59.12 4.07 0.00	65.60 4.75 0.00	92.97 6.56 0.00	113.11 8.77 0.00	89.57 7.25 0.00	77.30 6.45 0.00	75.79 5.87 0.00	72.32 5.76 -3.96	70.52 5.49 -6.02	72.36 5.67 -3.67	74.10 5.74 0.00	84.35 7.28 6.66	82.69 7.98 15.95	116.67 10.96 16.04	121.89 10.91 15.89	93.35 8.65 15.90	82.54 8.04 15.85	75.60 6.67 11.52	75.60 6.32 13.93	74.35 5.01 5.39

BAYONEEC___CTG7 323688	67.21 4.83 -6.89	59.73 4.47 0.00	58.99 4.01 0.00	58.65 3.84 0.00	59.12 4.07 0.00	65.60 4.75 0.00	92.97 6.56 0.00	113.11 8.77 0.00	89.57 7.25 0.00	77.30 6.45 0.00	75.79 5.87 0.00	72.32 5.76 -3.96	70.52 5.49 -6.02	72.36 5.67 -3.67	74.10 5.74 0.00	84.35 7.28 6.66	82.69 7.98 15.95	116.67 10.96 16.04	121.89 10.91 15.89	93.35 8.65 15.90	82.54 8.04 15.85	75.60 6.67 11.52	75.60 6.32 13.93	74.35 5.01 5.39
BAYONEEC___CTG8 323689	67.21 4.83 -6.89	59.73 4.47 0.00	58.99 4.01 0.00	58.65 3.84 0.00	59.12 4.07 0.00	65.60 4.75 0.00	92.97 6.56 0.00	113.11 8.77 0.00	89.57 7.25 0.00	77.30 6.45 0.00	75.79 5.87 0.00	72.32 5.76 -3.96	70.52 5.49 -6.02	72.36 5.67 -3.67	74.10 5.74 0.00	84.35 7.28 6.66	82.69 7.98 15.95	116.67 10.96 16.04	121.89 10.91 15.89	93.35 8.65 15.90	82.54 8.04 15.85	75.60 6.67 11.52	75.60 6.32 13.93	74.35 5.01 5.39
BAYONEEC___CTG9 323749	67.21 4.83 -6.89	59.73 4.47 0.00	58.99 4.01 0.00	58.65 3.84 0.00	59.12 4.07 0.00	65.60 4.75 0.00	92.97 6.56 0.00	113.11 8.77 0.00	89.57 7.25 0.00	77.30 6.45 0.00	75.79 5.87 0.00	72.32 5.76 -3.96	70.52 5.49 -6.02	72.36 5.67 -3.67	74.10 5.74 0.00	84.35 7.28 6.66	82.69 7.98 15.95	116.67 10.96 16.04	121.89 10.91 15.89	93.35 8.65 15.90	82.54 8.04 15.85	75.60 6.67 11.52	75.60 6.32 13.93	74.35 5.01 5.39
BEACON___LESR 323632	67.20 2.66 -9.04	57.91 2.65 0.00	57.34 2.36 0.00	56.95 2.14 0.00	57.30 2.26 0.00	63.71 2.86 0.00	90.56 4.15 0.00	109.25 4.91 0.00	86.11 3.79 0.00	74.12 3.26 0.00	73.62 3.70 0.00	67.39 3.44 -1.34	66.35 3.18 -4.16	67.66 3.40 -1.24	71.91 3.55 0.00	88.00 4.27 0.00	95.01 4.35 0.00	127.71 5.96 0.00	132.83 5.96 0.00	105.63 5.03 0.00	95.05 4.70 0.00	84.71 4.26 0.00	87.37 4.16 0.00	78.32 3.59 0.00
BEAVER RIVER___HYD 24048	54.60 -1.22 -0.32	53.99 -1.27 0.00	53.77 -1.21 0.00	53.56 -1.26 0.00	54.11 -0.94 0.00	59.51 -1.34 0.00	85.63 -0.78 0.00	104.45 0.10 0.00	81.99 -0.33 0.00	70.79 -0.07 0.00	68.87 -1.05 0.00	61.23 -1.38 0.00	57.69 -1.42 -0.10	61.38 -1.64 0.00	66.92 -1.44 0.00	82.61 -1.17 -0.05	89.93 -0.73 0.00	120.65 -1.10 0.00	126.49 -0.38 0.00	100.80 0.20 0.00	90.26 -0.09 0.00	80.53 0.08 0.00	83.21 0.00 0.00	75.56 0.82 0.00
BEEBEE_GT_13 23619	54.84 -1.55 -0.89	52.83 -2.43 0.00	52.51 -2.47 0.00	52.35 -2.47 0.00	52.79 -2.26 0.00	59.08 -1.76 0.00	83.64 -2.77 0.00	99.74 -4.80 -0.19	78.21 -4.12 0.00	66.96 -3.90 0.00	66.28 -3.64 0.00	59.13 -3.26 0.23	56.30 -2.77 -0.07	59.78 -3.02 0.21	64.87 -3.49 0.00	79.13 -4.61 0.00	86.58 -4.08 0.00	116.88 -4.87 -0.01	122.47 -4.95 -0.55	95.89 -4.73 -0.02	85.55 -5.06 -0.25	75.70 -4.75 0.00	79.38 -3.83 0.00	71.82 -2.91 0.00
BENSHRST_27_KV_BENSHRST_1 355998	68.00 5.61 -6.89	60.46 5.19 -0.01	59.77 4.78 -0.01	59.38 4.55 -0.01	59.84 4.79 -0.01	66.51 5.66 -0.01	94.10 7.69 0.00	114.36 10.02 0.00	90.64 8.31 -0.01	78.16 7.30 -0.01	76.99 7.06 -0.01	73.03 6.45 -3.97	71.18 6.14 -6.03	73.06 6.36 -3.68	74.93 6.56 -0.01	91.77 8.04 0.00	99.54 8.88 0.00	133.92 12.17 0.00	139.30 12.43 0.00	110.36 9.76 0.00	99.39 9.04 0.00	88.09 7.64 0.00	90.45 7.24 0.00	80.42 5.68 0.00
BETHLEHEM___GRP 23843	66.32 1.78 -9.04	56.97 1.71 0.00	56.47 1.48 0.00	56.13 1.32 0.00	56.53 1.49 0.00	62.67 1.83 0.00	88.83 2.42 0.00	107.27 2.92 0.00	84.63 2.31 0.00	72.98 2.13 0.00	72.78 2.87 0.00	66.63 2.69 -1.33	65.70 2.54 -4.15	66.90 2.65 -1.23	71.09 2.73 0.00	86.75 3.01 0.00	93.56 2.90 0.00	125.40 3.65 0.00	130.67 3.81 0.00	103.82 3.22 0.00	93.51 3.16 0.00	83.26 2.82 0.00	85.95 2.75 0.00	77.20 2.47 0.00
BETHLEHEM___GS1 323560	66.32 1.78 -9.04	57.03 1.77 0.00	56.52 1.54 0.00	56.13 1.31 0.00	56.53 1.49 0.00	62.67 1.82 0.00	88.82 2.42 0.00	107.26 2.92 0.00	84.62 2.30 0.00	72.98 2.12 0.00	72.72 2.80 0.00	66.63 2.69 -1.33	65.64 2.48 -4.15	66.90 2.65 -1.23	71.09 2.74 0.00	86.74 3.01 0.00	93.56 2.90 0.00	125.28 3.53 0.00	130.29 3.43 0.00	103.82 3.22 0.00	93.51 3.16 0.00	83.26 2.81 0.00	85.95 2.74 0.00	77.20 2.46 0.00
BETHLEHEM___GS2 323561	66.32 1.78 -9.04	57.03 1.77 0.00	56.52 1.54 0.00	56.13 1.31 0.00	56.53 1.49 0.00	62.67 1.82 0.00	88.82 2.42 0.00	107.26 2.92 0.00	84.62 2.30 0.00	72.98 2.12 0.00	72.72 2.80 0.00	66.63 2.69 -1.33	65.64 2.48 -4.15	66.90 2.65 -1.23	71.09 2.74 0.00	86.74 3.01 0.00	93.56 2.90 0.00	125.28 3.53 0.00	130.29 3.43 0.00	103.82 3.22 0.00	93.51 3.16 0.00	83.26 2.81 0.00	85.95 2.74 0.00	77.20 2.46 0.00
BETHLEHEM___GS3 323562	66.32 1.78 -9.04	57.03 1.77 0.00	56.52 1.54 0.00	56.13 1.31 0.00	56.53 1.49 0.00	62.67 1.82 0.00	88.82 2.42 0.00	107.26 2.92 0.00	84.62 2.30 0.00	72.98 2.12 0.00	72.72 2.80 0.00	66.63 2.69 -1.33	65.64 2.48 -4.15	66.90 2.65 -1.23	71.09 2.74 0.00	86.74 3.01 0.00	93.56 2.90 0.00	125.28 3.53 0.00	130.29 3.43 0.00	103.82 3.22 0.00	93.51 3.16 0.00	83.26 2.81 0.00	85.95 2.74 0.00	77.20 2.46 0.00
BETHLEHEM___STEEL 23779	53.54 -3.16 -1.20	53.27 -1.99 0.00	53.00 -1.98 0.00	52.74 -2.08 0.00	53.28 -1.76 0.00	59.81 -1.03 0.00	84.25 -2.16 0.00	98.88 -5.43 0.04	77.22 -5.10 0.00	66.04 -4.82 0.00	65.65 -4.26 0.00	58.53 -3.76 0.32	54.64 -4.37 0.01	59.82 -2.90 0.30	64.80 -3.55 0.00	78.46 -5.28 0.00	85.94 -4.71 0.00	116.27 -5.48 0.00	119.29 -7.10 0.47	94.25 -6.34 0.01	83.63 -6.51 0.21	74.89 -5.55 0.00	79.80 -3.41 0.00	72.64 -2.09 0.00
BETHLHEM_115KV_TB1 79974	66.37 1.83 -9.04	57.03 1.77 0.00	56.52 1.54 0.00	56.19 1.37 0.00	56.58 1.54 0.00	62.73 1.89 0.00	89.00 2.59 0.00	107.48 3.13 0.00	84.71 2.39 0.00	73.05 2.20 0.00	72.71 2.80 0.00	66.57 2.63 -1.33	65.63 2.48 -4.15	66.90 2.65 -1.23	71.09 2.73 0.00	86.75 3.01 0.00	93.65 2.99 0.00	125.52 3.77 0.00	130.80 3.93 0.00	103.92 3.32 0.00	93.60 3.25 0.00	83.34 2.90 0.00	86.04 2.83 0.00	77.28 2.54 0.00
BETHPAGE_CC_5 323564	68.38 6.00 -6.89	60.84 5.58 0.00	59.76 4.78 0.00	59.37 4.55 0.00	59.67 4.62 0.00	66.33 5.48 0.00	94.79 8.38 0.00	115.20 10.85 0.00	91.13 8.81 0.00	78.23 7.37 0.00	77.07 7.13 -0.01	73.29 6.70 -3.98	71.37 6.32 -6.05	73.39 6.68 -3.69	75.35 6.98 -0.01	101.45 8.63 -9.09	135.20 9.61 -34.94	149.15 13.15 -14.25	142.19 13.32 -2.01	135.28 10.46 -24.22	131.42 9.57 -31.50	131.98 8.21 -43.33	102.90 8.16 -11.53	87.51 6.80 -5.97
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	53.50 -3.22 -1.21	53.60 -1.66 0.00	53.39 -1.59 0.00	53.06 -1.75 0.00	53.67 -1.38 0.00	60.24 -0.61 0.00	84.94 -1.47 0.00	99.71 -4.59 0.04	77.88 -4.45 0.00	66.60 -4.25 0.00	66.21 -3.71 0.00	59.03 -3.26 0.33	54.81 -4.19 0.30	60.26 -2.46 0.30	65.28 -3.08 0.00	79.13 -4.61 0.00	86.67 -3.99 0.00	117.12 -4.63 0.00	120.05 -6.34 0.47	94.96 -5.63 0.01	84.27 -5.87 0.21	75.54 -4.91 0.00	80.46 -2.75 0.00	73.24 -1.49 0.00

BINGHAMTON___COGEN 23790	57.98 0.06 -2.42	55.65 0.39 0.00	55.20 0.22 0.00	55.04 0.22 0.00	55.43 0.39 0.00	61.76 0.91 0.00	87.96 1.56 0.00	105.81 1.46 0.00	83.15 0.82 0.00	71.28 0.43 0.00	70.27 0.35 0.00	62.16 0.25 0.70	58.97 -0.12 -0.08	62.81 0.44 0.65	68.84 0.48 0.00	84.32 0.59 0.00	91.84 1.18 0.00	123.57 1.83 0.00	128.26 1.52 0.13	101.60 1.01 0.00	91.01 0.72 0.06	81.09 0.64 0.00	84.21 1.00 0.00	75.71 0.97 0.00
BIXINCNT_115KV_LOAD 355685	53.01 -3.77 -1.28	54.27 -0.99 0.00	54.32 -0.66 0.00	54.11 -0.71 0.00	54.60 -0.44 0.00	61.52 0.67 0.00	87.19 0.78 0.00	102.84 -1.46 0.05	80.10 -2.22 0.00	68.52 -2.34 0.00	68.24 -1.68 0.00	60.51 -1.75 0.34	55.35 -3.66 0.00	61.63 -1.07 0.32	66.78 -1.57 0.00	81.30 -2.43 0.00	89.30 -1.36 0.00	120.41 -1.34 0.00	122.97 -3.43 0.47	97.47 -3.12 0.01	86.62 -3.52 0.21	77.79 -2.65 0.00	82.71 -0.50 0.00	75.11 0.37 0.00
BLACK RIVER___HYD 24047	55.31 -0.61 -0.42	54.54 -0.72 0.00	54.27 -0.72 0.00	54.00 -0.82 0.00	54.55 -0.50 0.00	60.42 -0.42 0.00	87.10 0.69 0.00	106.43 2.09 0.00	83.39 1.07 0.00	71.56 0.71 0.00	69.85 -0.07 0.00	62.11 -0.50 0.00	58.49 -0.65 -0.13	62.26 -0.75 0.00	67.81 -0.55 0.00	83.85 0.08 -0.04	91.66 1.00 0.00	122.96 1.22 0.00	128.89 2.02 0.00	102.51 1.91 0.00	91.62 1.26 0.00	81.65 1.21 0.00	84.12 0.92 0.00	76.08 1.35 0.00
BLACKRVR_115KV_TB2 79977	55.31 -0.61 -0.42	54.54 -0.72 0.00	54.27 -0.71 0.00	54.00 -0.82 0.00	54.55 -0.50 0.00	60.42 -0.43 0.00	87.10 0.69 0.00	106.43 2.09 0.00	83.39 1.07 0.00	71.64 0.78 0.00	69.85 -0.07 0.00	62.11 -0.50 0.00	58.49 -0.65 -0.13	62.26 -0.76 0.00	67.81 -0.55 0.00	83.94 0.17 -0.04	91.65 1.00 0.00	122.84 1.10 0.00	128.90 2.03 0.00	102.51 1.91 0.00	91.62 1.26 0.00	81.65 1.21 0.00	84.12 0.92 0.00	76.01 1.27 0.00
BLISS_WT_PWR 323608	52.79 -4.00 -1.28	54.27 -0.99 0.00	54.27 -0.72 0.00	54.05 -0.77 0.00	54.71 -0.33 0.00	61.58 0.73 0.00	87.27 0.86 0.00	102.10 -2.09 0.16	80.10 -2.22 0.00	68.58 -2.27 0.00	68.31 -1.61 0.00	60.58 -1.69 0.34	54.94 -4.07 0.00	61.56 -1.13 0.32	66.85 -1.50 0.00	81.22 -2.51 0.00	89.48 -1.18 0.00	120.65 -1.10 0.00	124.50 -1.90 0.47	97.67 -2.92 0.01	86.35 -3.79 0.21	77.79 -2.65 0.00	82.79 -0.41 0.00	75.33 0.60 0.00
BLUESTONE___WT_PWR 323821	61.84 3.05 -3.29	58.41 3.15 0.00	57.89 2.91 0.00	57.56 2.74 0.00	58.12 3.08 0.00	64.86 4.01 0.00	92.97 6.56 0.00	115.40 11.06 0.00	90.23 7.90 0.00	76.95 6.09 0.00	75.30 5.38 0.00	65.30 4.57 1.87	62.19 3.89 0.71	65.88 4.60 1.74	73.69 5.34 0.00	91.18 7.45 0.00	100.36 9.71 0.00	131.60 9.86 0.00	137.39 10.52 0.00	108.75 8.15 0.00	97.49 7.14 0.00	86.72 6.28 0.00	89.53 6.32 0.00	80.34 5.61 0.00
BLUE_CIRC_CHEM_DRP 24182	66.48 2.11 -8.87	57.36 2.10 0.00	56.91 1.92 0.00	56.57 1.75 0.00	56.91 1.87 0.00	63.16 2.31 0.00	89.61 3.20 0.00	108.00 3.65 0.00	85.04 2.72 0.00	73.12 2.27 0.00	72.43 2.52 0.00	66.18 2.38 -1.19	65.21 2.24 -3.96	66.52 2.39 -1.11	70.89 2.53 0.00	86.91 3.18 0.00	93.92 3.26 0.00	126.01 4.26 0.00	131.43 4.57 0.00	104.32 3.72 0.00	93.97 3.61 0.00	83.66 3.22 0.00	86.45 3.25 0.00	77.65 2.91 0.00
BOC_GAS_DRP 24189	66.34 1.83 -9.01	57.03 1.77 0.00	56.58 1.59 0.00	56.24 1.43 0.00	56.58 1.54 0.00	62.79 1.95 0.00	89.09 2.68 0.00	107.58 3.23 0.00	84.87 2.55 0.00	73.12 2.27 0.00	72.43 2.52 0.00	66.30 2.38 -1.31	65.37 2.24 -4.12	66.56 2.33 -1.21	70.82 2.46 0.00	86.66 2.93 0.00	93.65 2.99 0.00	125.52 3.77 0.00	130.93 4.06 0.00	103.92 3.32 0.00	93.51 3.16 0.00	83.18 2.74 0.00	85.95 2.75 0.00	77.13 2.39 0.00
BOONVILLE_115KV_TB1 79983	56.36 0.61 -0.25	55.81 0.55 0.00	55.48 0.49 0.00	55.20 0.38 0.00	55.70 0.66 0.00	61.76 0.91 0.00	88.57 2.16 0.00	107.48 3.13 0.00	84.54 2.22 0.00	72.77 1.91 0.00	71.03 1.12 0.00	63.55 0.94 0.00	59.85 0.77 -0.08	63.84 0.82 0.00	69.38 1.03 0.00	85.43 1.67 -0.02	93.01 2.36 0.00	124.79 3.04 0.00	130.42 3.55 0.00	103.72 3.12 0.00	92.97 2.62 0.00	82.78 2.33 0.00	85.45 2.25 0.00	76.98 2.24 0.00
BORALEX_4TH_BRANCH 23824	68.79 4.33 -8.96	59.41 4.14 0.00	58.89 3.90 0.00	58.55 3.73 0.00	58.95 3.91 0.00	65.59 4.75 0.00	93.24 6.83 0.00	112.59 8.24 0.00	88.83 6.50 0.00	76.38 5.53 0.00	75.37 5.45 0.00	69.23 5.01 -1.61	68.07 4.66 -4.40	69.42 4.92 -1.49	73.55 5.20 0.00	90.18 6.45 0.00	97.73 7.07 0.00	131.24 9.50 0.00	136.63 9.77 0.00	108.35 7.75 0.00	97.40 7.05 0.00	86.56 6.11 0.00	89.28 6.07 0.00	80.04 5.31 0.00
BOWLINE___1 23526	65.84 3.66 -6.67	58.58 3.32 0.00	57.95 2.97 0.00	57.56 2.74 0.00	58.01 2.97 0.00	64.44 3.59 0.00	91.59 5.18 0.00	111.13 6.78 0.00	87.92 5.60 0.00	75.68 4.82 0.00	74.46 4.54 0.00	60.13 4.38 6.86	58.58 4.13 4.56	60.88 4.22 6.36	72.74 4.38 0.00	89.34 5.61 0.00	96.91 6.25 0.00	130.26 8.52 0.00	135.37 8.50 0.00	107.34 6.74 0.00	96.67 6.32 0.00	85.67 5.23 0.00	88.20 4.99 0.00	78.69 3.96 0.00
BOWLINE___2 23595	65.84 3.66 -6.67	58.58 3.32 0.00	57.89 2.91 0.00	57.56 2.74 0.00	58.01 2.97 0.00	64.44 3.59 0.00	91.59 5.18 0.00	111.13 6.78 0.00	87.84 5.52 0.00	75.68 4.82 0.00	74.39 4.48 0.00	60.13 4.38 6.86	58.64 4.19 4.56	60.88 4.22 6.36	72.74 4.38 0.00	89.34 5.61 0.00	96.91 6.25 0.00	130.26 8.52 0.00	135.37 8.50 0.00	107.34 6.74 0.00	96.67 6.32 0.00	85.67 5.23 0.00	88.20 4.99 0.00	78.69 3.96 0.00
BRADY___115KV_TB2 356060	55.73 0.00 -0.23	55.54 0.28 0.00	55.48 0.49 0.00	55.37 0.55 0.00	55.87 0.83 0.00	59.81 -1.03 0.00	85.54 -0.86 0.00	104.35 0.00 0.00	81.58 -0.74 0.00	70.36 -0.50 0.00	68.38 -1.54 0.00	60.73 -1.88 0.00	57.13 -1.95 -0.07	60.81 -2.21 0.00	66.51 -1.85 0.00	82.36 -1.51 -0.14	89.21 -1.45 0.00	119.31 -2.43 0.00	125.47 -1.40 0.00	99.70 -0.91 0.00	89.09 -1.26 0.00	79.88 -0.56 0.00	83.12 -0.08 0.00	77.58 2.84 0.00
BRANSCOMB___SOLAR 323811	68.94 4.22 -9.22	59.41 4.15 0.00	58.83 3.85 0.00	58.33 3.51 0.00	58.73 3.69 0.00	65.53 4.69 0.00	93.50 7.09 0.00	112.70 8.35 0.00	88.58 6.25 0.00	75.89 5.03 0.00	74.53 4.61 0.00	68.07 4.13 -1.33	67.05 3.83 -4.21	68.48 4.22 -1.24	73.01 4.65 0.00	89.84 6.11 0.00	97.37 6.71 0.00	131.25 9.50 0.00	135.61 8.75 0.00	107.45 6.84 0.00	96.77 6.42 0.00	85.99 5.55 0.00	88.70 5.49 0.00	79.52 4.79 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	69.44 7.05 -6.89	61.78 6.52 0.00	60.65 5.66 0.00	60.14 5.32 0.00	60.55 5.50 0.00	67.42 6.57 0.00	96.86 10.46 0.00	117.70 13.36 0.00	93.02 10.70 0.00	79.43 8.57 0.00	78.74 8.81 -0.01	74.67 8.08 -3.98	72.67 7.61 -6.05	74.78 8.07 -3.69	76.99 8.61 -0.01	103.55 10.72 -9.10	137.11 11.51 -34.94	151.70 15.71 -14.25	144.74 15.86 -2.01	137.09 12.27 -24.22	133.05 11.20 -31.50	133.91 10.14 -43.33	104.89 10.15 -11.53	89.38 8.67 -5.97

BRISTLHL_115KV_TB1 79998	54.78 -1.33 -0.61	53.71 -1.55 0.00	53.33 -1.65 0.00	53.12 -1.70 0.00	53.50 -1.54 0.00	59.51 -1.34 0.00	84.77 -1.64 0.00	102.36 -1.98 0.00	80.59 -1.73 0.00	69.23 -1.63 0.00	68.24 -1.68 0.00	61.04 -1.57 0.00	57.72 -1.48 -0.19	61.50 -1.51 0.00	66.72 -1.64 0.00	81.81 -1.93 0.00	88.93 -1.72 0.00	119.55 -2.19 0.00	124.58 -2.28 0.00	98.59 -2.01 0.00	88.36 -1.99 0.00	78.51 -1.93 0.00	81.29 -1.91 0.00	73.02 -1.72 0.00
BROOKHAVEN___DRP 24191	68.99 6.60 -6.89	61.28 6.02 0.00	60.15 5.17 0.00	59.70 4.88 0.00	60.05 5.01 0.00	66.93 6.08 0.00	96.43 10.02 0.00	117.29 12.94 0.00	92.69 10.37 0.00	79.00 8.15 0.00	78.67 8.74 -0.01	74.54 7.95 -3.98	72.49 7.43 -6.05	74.65 7.94 -3.69	76.85 8.48 -0.01	103.55 10.72 -9.10	137.38 11.79 -34.94	152.92 16.92 -14.25	145.75 16.87 -2.01	137.80 12.98 -24.22	133.69 11.84 -31.50	133.83 10.06 -43.33	104.81 10.07 -11.53	89.53 8.82 -5.97
BROOKLYN_NAVY_YARD 23515	67.16 4.77 -6.89	59.73 4.47 0.00	58.99 4.01 0.00	58.60 3.78 0.00	59.06 4.02 0.00	65.53 4.69 0.00	92.97 6.56 0.00	113.21 8.86 0.00	89.65 7.32 0.00	77.37 6.51 0.00	75.86 5.94 0.00	72.39 5.82 -3.96	70.58 5.55 -6.02	72.36 5.67 -3.67	74.10 5.74 0.00	91.01 7.28 0.00	98.72 8.07 0.00	132.82 11.08 0.00	138.03 11.17 0.00	109.46 8.86 0.00	98.49 8.14 0.00	87.20 6.76 0.00	89.70 6.49 0.00	79.82 5.08 0.00
BROOKLYN___ARMY_DRP 323595	67.78 5.38 -6.89	60.24 4.97 -0.01	59.55 4.56 -0.01	59.16 4.33 -0.01	59.62 4.57 -0.01	66.27 5.42 -0.01	93.75 7.34 0.00	113.95 9.60 0.00	90.23 7.90 -0.01	77.81 6.94 -0.01	76.64 6.71 -0.01	72.71 6.14 -3.97	70.94 5.90 -6.03	72.75 6.05 -3.68	74.65 6.29 -0.01	91.44 7.70 0.00	99.09 8.43 0.00	133.31 11.57 0.00	138.66 11.80 0.00	109.86 9.26 0.00	98.94 8.58 0.00	87.69 7.24 0.00	90.11 6.91 0.00	80.12 5.38 0.00
BROOKVLE_69_KV_TB1 55790	68.16 5.77 -6.89	60.57 5.31 0.00	59.71 4.73 0.00	59.26 4.44 0.00	59.67 4.62 0.00	66.32 5.48 0.00	94.70 8.30 0.00	114.99 10.64 0.00	90.97 8.64 0.00	78.08 7.23 0.00	77.20 7.27 -0.01	73.29 6.70 -3.98	71.43 6.37 -6.05	73.39 6.68 -3.69	75.41 7.04 -0.01	101.45 8.62 -9.09	135.20 9.61 -34.94	149.15 13.15 -14.25	142.32 13.45 -2.01	135.38 10.56 -24.22	131.51 9.67 -31.49	131.98 8.21 -43.32	102.73 7.99 -11.53	87.36 6.65 -5.97
BROOME_2_LFGE 323671	57.98 0.06 -2.42	55.70 0.44 0.00	55.26 0.28 0.00	55.04 0.22 0.00	55.48 0.44 0.00	61.76 0.91 0.00	87.97 1.56 0.00	105.66 1.35 0.04	83.14 0.82 0.00	71.28 0.43 0.00	70.27 0.35 0.00	62.16 0.25 0.70	58.85 -0.24 -0.08	62.81 0.44 0.65	68.84 0.48 0.00	84.24 0.51 0.00	91.83 1.18 0.00	123.57 1.83 0.00	128.38 1.64 0.13	101.60 1.01 0.00	91.01 0.72 0.06	81.09 0.64 0.00	84.21 1.00 0.00	75.78 1.05 0.00
BROOME___LFGE 323600	57.98 0.06 -2.42	55.70 0.44 0.00	55.26 0.28 0.00	55.04 0.22 0.00	55.48 0.44 0.00	61.76 0.91 0.00	87.97 1.56 0.00	105.66 1.35 0.04	83.14 0.82 0.00	71.28 0.43 0.00	70.27 0.35 0.00	62.16 0.25 0.70	58.85 -0.24 -0.08	62.81 0.44 0.65	68.84 0.48 0.00	84.24 0.51 0.00	91.83 1.18 0.00	123.57 1.83 0.00	128.38 1.64 0.13	101.60 1.01 0.00	91.01 0.72 0.06	81.09 0.64 0.00	84.21 1.00 0.00	75.78 1.05 0.00
BROWNFLS_115KV_TB_3_5 80003	53.95 -1.83 -0.28	53.49 -1.77 0.00	53.39 -1.59 0.00	53.23 -1.59 0.00	53.67 -1.38 0.00	58.17 -2.68 0.00	83.21 -3.20 0.00	101.43 -2.92 0.00	79.69 -2.63 0.00	68.94 -1.91 0.00	67.05 -2.87 0.00	59.60 -3.01 0.00	56.20 -2.89 -0.09	59.74 -3.28 0.00	65.21 -3.14 0.00	80.47 -3.35 -0.09	87.03 -3.63 0.00	116.75 -4.99 0.00	122.43 -4.44 0.00	97.58 -3.02 0.00	87.28 -3.07 0.00	78.19 -2.25 0.00	81.13 -2.08 0.00	74.74 0.00 0.00
BROWNSV1_27_KV_LOAD 356125	67.66 5.27 -6.89	60.12 4.86 0.00	59.44 4.45 0.00	59.04 4.22 0.00	59.50 4.46 0.00	66.14 5.29 0.00	93.84 7.43 0.00	114.16 9.81 0.00	90.39 8.07 0.00	77.94 7.09 0.00	76.70 6.78 0.00	72.95 6.39 -3.96	71.17 6.14 -6.02	72.99 6.30 -3.67	74.85 6.49 0.00	91.85 8.12 0.00	99.63 8.98 0.00	134.04 12.30 0.00	139.43 12.56 0.00	110.46 9.86 0.00	99.39 9.04 0.00	88.01 7.56 0.00	90.45 7.24 0.00	80.49 5.75 0.00
BURROWS___LYONSDAL 23803	55.88 0.11 -0.27	55.32 0.06 0.00	55.04 0.05 0.00	54.76 -0.05 0.00	55.26 0.22 0.00	61.21 0.37 0.00	87.88 1.47 0.00	106.85 2.50 0.00	83.97 1.65 0.00	72.34 1.49 0.00	70.55 0.63 0.00	62.98 0.38 0.00	59.33 0.24 -0.08	63.27 0.25 0.00	68.84 0.48 0.00	84.85 1.09 -0.03	92.29 1.63 0.00	123.82 2.07 0.00	129.53 2.66 0.00	103.12 2.52 0.00	92.43 2.08 0.00	82.38 1.93 0.00	85.04 1.83 0.00	76.68 1.94 0.00
CAITHNESS_CC_1 323624	68.93 6.55 -6.89	61.29 6.02 0.00	60.10 5.11 0.00	59.70 4.88 0.00	60.00 4.96 0.00	66.81 5.97 0.00	96.26 9.85 0.00	116.97 12.62 0.00	92.44 10.12 0.00	79.07 8.22 0.00	78.32 8.39 -0.01	74.35 7.76 -3.98	72.31 7.26 -6.05	74.46 7.75 -3.69	76.57 8.20 -0.01	103.29 10.47 -9.10	137.02 11.42 -34.94	152.19 16.19 -14.25	145.12 16.24 -2.01	137.39 12.57 -24.22	133.33 11.48 -31.50	133.50 9.73 -43.33	104.47 9.73 -11.53	89.15 8.44 -5.97
CALPINE BETH_PAGE_GT4 24209	68.33 5.94 -6.89	60.73 5.47 0.00	59.71 4.73 0.00	59.20 4.39 0.00	59.61 4.57 0.00	66.32 5.48 0.00	94.79 8.38 0.00	115.20 10.85 0.00	91.05 8.73 0.00	78.01 7.16 0.00	77.13 7.20 -0.01	73.23 6.64 -3.98	71.37 6.31 -6.05	73.33 6.62 -3.69	75.41 7.04 -0.01	101.37 8.54 -9.09	135.11 9.52 -34.94	149.02 13.03 -14.25	142.20 13.32 -2.01	135.28 10.46 -24.22	131.43 9.58 -31.50	131.98 8.21 -43.33	102.90 8.15 -11.53	87.43 6.73 -5.97
CALPINE_BETH_PAGE_GT_4 323586	68.33 5.94 -6.89	60.79 5.53 0.00	59.71 4.73 0.00	59.31 4.50 0.00	59.61 4.57 0.00	66.26 5.41 0.00	94.79 8.38 0.00	115.20 10.85 0.00	91.04 8.72 0.00	78.16 7.30 0.00	77.07 7.13 -0.01	73.22 6.63 -3.98	71.37 6.32 -6.05	73.33 6.62 -3.69	75.35 6.98 -0.01	101.45 8.63 -9.09	135.11 9.52 -34.94	149.03 13.03 -14.25	142.07 13.19 -2.01	135.28 10.46 -24.22	131.42 9.57 -31.50	131.89 8.12 -43.33	102.90 8.16 -11.53	87.44 6.73 -5.97
CALPINE_BP_GT1 23823	68.33 5.94 -6.89	60.79 5.53 0.00	59.71 4.73 0.00	59.31 4.50 0.00	59.61 4.57 0.00	66.26 5.41 0.00	94.79 8.38 0.00	115.20 10.85 0.00	91.04 8.72 0.00	78.16 7.30 0.00	77.07 7.13 -0.01	73.22 6.63 -3.98	71.37 6.32 -6.05	73.33 6.62 -3.69	75.35 6.98 -0.01	101.45 8.63 -9.09	135.11 9.52 -34.94	149.03 13.03 -14.25	142.07 13.19 -2.01	135.28 10.46 -24.22	131.42 9.57 -31.50	131.89 8.12 -43.33	102.90 8.16 -11.53	87.44 6.73 -5.97
CALSPAN___DRP 24200	53.54 -3.16 -1.20	53.27 -1.99 0.00	53.00 -1.98 0.00	52.74 -2.08 0.00	53.28 -1.76 0.00	59.81 -1.03 0.00	84.25 -2.16 0.00	98.88 -5.43 0.04	77.22 -5.10 0.00	66.04 -4.82 0.00	65.65 -4.26 0.00	58.53 -3.76 0.32	54.64 -4.37 0.01	59.82 -2.90 0.30	64.80 -3.55 0.00	78.46 -5.28 0.00	85.94 -4.71 0.00	116.27 -5.48 0.00	119.29 -7.10 0.47	94.25 -6.34 0.01	83.63 -6.51 0.21	74.89 -5.55 0.00	79.80 -3.41 0.00	72.64 -2.09 0.00

CALVERTON___SOLAR 323806	69.16 6.77 -6.89	61.50 6.24 0.00	60.26 5.28 0.00	59.86 5.04 0.00	60.21 5.17 0.00	67.06 6.21 0.00	96.69 10.28 0.00	117.71 13.36 0.00	93.02 10.70 0.00	79.43 8.57 0.00	78.81 8.88 -0.01	74.79 8.20 -3.98	72.67 7.61 -6.05	74.90 8.19 -3.69	77.05 8.68 -0.01	103.97 11.14 -9.10	137.83 12.23 -34.94	153.64 17.65 -14.25	146.39 17.51 -2.01	138.31 13.49 -24.22	134.14 12.29 -31.50	134.16 10.38 -43.33	105.23 10.48 -11.53	89.90 9.19 -5.97
CANDIGU_WT_PWR 323617	55.32 -1.83 -1.65	54.43 -0.83 0.00	53.99 -0.99 0.00	53.83 -0.99 0.00	54.44 -0.60 0.00	60.91 0.06 0.00	86.50 0.09 0.00	102.52 -1.67 0.15	80.43 -1.89 0.00	68.58 -2.27 0.00	67.82 -2.10 0.00	60.22 -1.94 0.45	56.34 -2.71 -0.05	61.27 -1.33 0.42	66.92 -1.44 0.00	81.48 -2.26 0.00	89.48 -1.18 0.00	120.90 -0.85 0.00	125.24 -1.14 0.48	98.67 -1.91 0.01	87.78 -2.35 0.22	78.60 -1.85 0.00	82.46 -0.75 0.00	74.89 0.15 0.00
CARR STREET_E_SYR 24060	55.41 -0.78 -0.68	54.32 -0.94 0.00	53.88 -1.10 0.00	53.72 -1.10 0.00	54.11 -0.94 0.00	60.18 -0.67 0.00	85.71 -0.69 0.00	103.41 -0.94 0.00	81.42 -0.90 0.00	69.93 -0.92 0.00	68.94 -0.98 0.00	61.67 -0.94 0.00	58.21 -1.00 -0.21	62.13 -0.88 0.00	67.40 -0.96 0.00	82.56 -1.17 0.00	89.75 -0.91 0.00	120.90 -0.85 0.00	125.98 -0.88 0.00	99.60 -1.01 0.00	89.27 -1.08 0.00	79.32 -1.13 0.00	82.12 -1.08 0.00	73.84 -0.89 0.00
CARTHAGE___PAPER 23857	54.82 -1.06 -0.38	54.10 -1.16 0.00	53.88 -1.10 0.00	53.61 -1.21 0.00	54.22 -0.82 0.00	59.81 -1.03 0.00	86.06 -0.34 0.00	105.18 0.83 0.00	82.57 0.25 0.00	71.07 0.21 0.00	69.22 -0.70 0.00	61.54 -1.06 0.00	57.95 -1.18 -0.12	61.69 -1.33 0.00	67.19 -1.16 0.00	83.02 -0.76 -0.04	90.48 -0.18 0.00	121.50 -0.24 0.00	127.38 0.51 0.00	101.40 0.80 0.00	90.72 0.36 0.00	80.93 0.49 0.00	83.46 0.25 0.00	75.64 0.90 0.00
CASSADAGA_WT_PWR 323784	54.37 -2.38 -1.26	54.60 -0.66 0.00	54.27 -0.72 0.00	53.94 -0.88 0.00	54.82 -0.22 0.00	61.52 0.67 0.00	87.18 0.78 0.00	102.38 -1.77 0.20	80.43 -1.89 0.00	68.80 -2.06 0.00	68.44 -1.47 0.00	60.89 -1.38 0.34	56.18 -2.83 0.00	62.27 -0.44 0.31	67.61 -0.75 0.00	81.55 -2.18 0.00	89.48 -1.18 0.00	121.38 -0.36 0.00	125.78 -0.51 0.58	98.47 -2.12 0.01	86.84 -3.25 0.27	78.11 -2.34 0.00	83.21 0.00 0.00	75.64 0.90 0.00
CE_DUNWOOD___DRP 24194	66.76 4.38 -6.87	59.29 4.03 0.00	58.67 3.68 0.00	58.27 3.45 0.00	58.73 3.69 0.00	65.23 4.38 0.00	92.72 6.31 0.00	112.59 8.24 0.00	89.07 6.75 0.00	76.67 5.81 0.00	75.58 5.66 0.00	71.70 5.26 -3.83	69.92 5.02 -5.90	71.74 5.17 -3.55	73.76 5.40 0.00	90.51 6.78 0.00	98.18 7.52 0.00	132.09 10.35 0.00	137.40 10.53 0.00	108.85 8.25 0.00	97.94 7.59 0.00	86.80 6.36 0.00	89.28 6.07 0.00	79.67 4.93 0.00
CE_MILLWOOD___DRP 24193	66.62 4.27 -6.85	59.13 3.87 0.00	58.50 3.52 0.00	58.16 3.34 0.00	58.57 3.52 0.00	65.11 4.26 0.00	92.54 6.14 0.00	112.28 7.93 0.00	88.83 6.50 0.00	76.45 5.60 0.00	75.37 5.45 0.00	71.38 5.07 -3.70	69.60 4.84 -5.76	71.42 4.98 -3.43	73.55 5.20 0.00	90.26 6.53 0.00	97.91 7.25 0.00	131.73 9.98 0.00	137.02 10.15 0.00	108.55 7.95 0.00	97.67 7.32 0.00	86.56 6.11 0.00	89.11 5.91 0.00	79.52 4.78 0.00
CE_NYC2_DRP 24202	67.56 5.16 -6.89	60.02 4.75 -0.01	59.39 4.40 -0.01	58.99 4.17 -0.01	59.45 4.40 -0.01	66.03 5.17 -0.01	93.49 7.09 0.00	113.63 9.29 0.00	90.07 7.74 -0.01	77.67 6.80 -0.01	76.43 6.50 -0.01	72.78 6.20 -3.97	70.94 5.90 -6.03	72.75 6.05 -3.68	74.65 6.29 -0.01	91.52 7.79 0.00	99.09 8.43 0.00	133.19 11.44 0.00	138.54 11.67 0.00	109.76 9.15 0.00	98.94 8.58 0.00	87.61 7.16 0.00	90.03 6.82 0.00	80.19 5.46 0.00
CE_NYC_DRP 24195	67.27 4.88 -6.89	59.74 4.48 0.00	59.11 4.12 0.00	58.71 3.89 0.00	59.17 4.13 0.00	65.71 4.87 0.00	93.15 6.74 0.00	113.32 8.97 0.00	89.73 7.41 0.00	77.38 6.52 0.00	76.14 6.22 0.00	72.51 5.95 -3.96	70.70 5.66 -6.02	72.48 5.80 -3.67	74.37 6.02 0.00	91.18 7.45 0.00	98.91 8.25 0.00	133.07 11.32 0.00	138.28 11.42 0.00	109.56 8.95 0.00	98.57 8.22 0.00	87.28 6.84 0.00	89.78 6.57 0.00	79.89 5.16 0.00
CHAFFEE___LFGE 323603	53.58 -3.16 -1.24	53.66 -1.60 0.00	53.28 -1.70 0.00	52.95 -1.86 0.00	53.67 -1.37 0.00	60.12 -0.73 0.00	84.68 -1.73 0.00	98.86 -5.32 0.17	77.63 -4.69 0.00	66.39 -4.46 0.00	66.07 -3.85 0.00	58.77 -3.50 0.33	54.34 -4.66 0.00	60.06 -2.64 0.31	65.21 -3.14 0.00	78.71 -5.02 0.00	86.40 -4.26 0.00	117.00 -4.75 0.00	121.32 -5.08 0.47	94.86 -5.73 0.01	83.81 -6.33 0.21	75.30 -5.15 0.00	80.21 -2.99 0.00	73.16 -1.57 0.00
CHATEAUG_35_KV_LOAD 355732	53.67 -1.83 0.00	53.99 -1.27 0.00	54.05 -0.93 0.00	54.33 -0.49 0.00	54.22 -0.83 0.00	58.84 -2.01 0.00	82.17 -4.23 0.00	98.82 -5.53 0.00	78.37 -3.95 0.00	67.67 -3.19 0.00	66.77 -3.15 0.00	59.73 -2.88 0.00	56.17 -2.83 0.00	59.93 -3.09 0.00	65.42 -2.94 0.00	79.16 -4.35 0.22	85.85 -4.80 0.00	115.41 -6.33 0.00	120.27 -6.60 0.00	95.57 -5.03 0.00	86.02 -4.34 0.00	77.23 -3.22 0.00	79.96 -3.25 0.00	72.49 -2.24 0.00
CHATEAUG_WT_PWR 323614	53.61 -1.89 0.00	53.77 -1.49 0.00	53.82 -1.16 0.00	54.10 -0.71 0.00	53.99 -1.05 0.00	58.72 -2.13 0.00	81.66 -4.75 0.00	98.29 -6.05 0.00	78.04 -4.28 0.00	67.10 -3.76 0.00	67.19 -2.73 0.00	59.67 -2.94 0.00	56.29 -2.71 0.00	59.87 -3.15 0.00	65.35 -3.01 0.00	78.93 -4.61 0.20	85.67 -4.99 0.00	115.17 -6.58 0.00	120.14 -6.73 0.00	95.27 -5.33 0.00	85.84 -4.52 0.00	76.99 -3.46 0.00	79.79 -3.42 0.00	71.97 -2.76 0.00
CHAT_HIGH_FALL_HYD 323578	53.67 -1.83 0.00	53.99 -1.27 0.00	54.05 -0.93 0.00	54.33 -0.49 0.00	54.22 -0.83 0.00	58.84 -2.01 0.00	82.17 -4.23 0.00	98.82 -5.53 0.00	78.37 -3.95 0.00	67.67 -3.19 0.00	66.77 -3.15 0.00	59.73 -2.88 0.00	56.17 -2.83 0.00	59.93 -3.09 0.00	65.42 -2.94 0.00	79.16 -4.35 0.22	85.85 -4.80 0.00	115.41 -6.33 0.00	120.27 -6.60 0.00	95.57 -5.03 0.00	86.02 -4.34 0.00	77.23 -3.22 0.00	79.96 -3.25 0.00	72.49 -2.24 0.00
CHAUTAUQUA___LFGE 323629	54.12 -2.61 -1.23	53.77 -1.49 0.00	53.44 -1.54 0.00	53.12 -1.70 0.00	53.94 -1.10 0.00	60.48 -0.36 0.00	85.38 -1.03 0.00	99.96 -4.18 0.21	78.45 -3.87 0.00	67.17 -3.69 0.00	66.84 -3.07 0.00	59.46 -2.82 0.33	55.17 -3.83 0.00	60.82 -1.89 0.31	66.03 -2.32 0.00	79.63 -4.10 0.00	87.30 -3.35 0.00	118.58 -3.17 0.00	122.95 -3.30 0.62	96.26 -4.32 0.02	84.83 -5.24 0.28	76.18 -4.27 0.00	81.21 -2.00 0.00	73.99 -0.75 0.00
CHERRYST_13_KV_LD 356241	67.38 5.00 -6.89	59.90 4.64 0.00	59.22 4.23 0.00	58.82 4.00 0.00	59.28 4.24 0.00	65.84 4.99 0.00	93.41 7.00 0.00	113.63 9.29 0.00	90.06 7.74 0.00	77.66 6.80 0.00	76.42 6.50 0.00	72.70 6.14 -3.96	70.93 5.90 -6.02	72.74 6.05 -3.67	74.65 6.29 0.00	91.52 7.79 0.00	99.27 8.61 0.00	133.43 11.69 0.00	138.66 11.80 0.00	109.86 9.26 0.00	98.85 8.49 0.00	87.52 7.08 0.00	90.03 6.82 0.00	80.12 5.38 0.00

CHESTROR_138KV_BK263 355645	65.31 3.50 -6.31	58.41 3.15 0.00	57.84 2.86 0.00	57.45 2.63 0.00	57.90 2.86 0.00	64.32 3.47 0.00	91.51 5.10 0.00	110.92 6.57 0.00	87.67 5.35 0.00	75.39 4.53 0.00	74.25 4.33 0.00	59.59 4.07 7.09	58.00 3.89 4.90	60.41 3.97 6.58	72.60 4.24 0.00	89.09 5.36 0.00	96.64 5.98 0.00	130.02 8.28 0.00	135.24 8.37 0.00	107.14 6.54 0.00	96.41 6.05 0.00	85.51 5.07 0.00	88.03 4.83 0.00	78.62 3.89 0.00
CH_MIDHUDSON___DRP 24192	67.08 4.61 -6.98	59.46 4.20 0.00	58.89 3.90 0.00	58.55 3.73 0.00	59.01 3.96 0.00	65.59 4.75 0.00	93.32 6.91 0.00	113.01 8.66 0.00	89.40 7.08 0.00	76.81 5.95 0.00	75.65 5.73 0.00	69.60 5.26 -1.74	67.86 4.96 -3.89	69.79 5.17 -1.61	73.96 5.61 0.00	90.85 7.12 0.00	98.64 7.98 0.00	132.82 11.08 0.00	138.16 11.29 0.00	109.35 8.75 0.00	98.30 7.95 0.00	87.20 6.76 0.00	89.78 6.57 0.00	80.19 5.46 0.00
CH_MISC_IPPS 23765	67.12 4.77 -6.85	59.73 4.47 0.00	59.11 4.13 0.00	58.77 3.95 0.00	59.22 4.18 0.00	65.84 4.99 0.00	93.75 7.34 0.00	113.53 9.18 0.00	89.73 7.41 0.00	77.09 6.24 0.00	75.72 5.80 0.00	68.47 5.39 -0.48	66.65 5.01 -2.63	68.69 5.23 -0.44	74.10 5.74 0.00	91.18 7.45 0.00	99.09 8.43 0.00	133.43 11.69 0.00	138.67 11.80 0.00	109.76 9.15 0.00	98.66 8.31 0.00	87.60 7.16 0.00	90.20 6.99 0.00	80.49 5.76 0.00
CH_RES_BVR_FALLS 23983	54.33 -1.17 0.00	54.21 -1.05 0.00	54.16 -0.82 0.00	54.10 -0.71 0.00	54.22 -0.82 0.00	59.63 -1.22 0.00	84.59 -1.82 0.00	102.26 -2.09 0.00	80.92 -1.40 0.00	69.72 -1.14 0.00	68.94 -0.98 0.00	61.54 -1.06 0.00	58.12 -0.88 0.00	61.88 -1.13 0.00	67.26 -1.10 0.00	82.38 -1.34 0.01	89.03 -1.63 0.00	119.43 -2.32 0.00	124.45 -2.41 0.00	98.69 -1.91 0.00	88.73 -1.62 0.00	79.16 -1.29 0.00	81.96 -1.25 0.00	73.76 -0.97 0.00
CH_RES_NIAGARA 23895	52.56 -4.05 -1.11	50.95 -4.31 0.00	50.64 -4.34 0.00	50.38 -4.44 0.00	50.91 -4.13 0.00	57.14 -3.71 0.00	79.84 -6.57 0.00	92.97 -11.37 0.00	72.85 -9.47 0.00	62.42 -8.43 0.00	62.02 -7.90 0.00	55.36 -6.95 0.30	52.56 -6.43 0.02	56.57 -6.18 0.27	61.25 -7.11 0.00	73.94 -9.80 0.00	81.05 -9.61 0.00	109.69 -12.05 0.00	113.03 -13.45 0.39	88.92 -11.67 0.01	78.79 -11.38 0.18	70.47 -9.98 0.00	75.30 -7.90 0.00	68.83 -5.90 0.00
CH_RES_SYRACUSE 23985	55.82 -0.45 -0.76	54.65 -0.61 0.00	54.27 -0.72 0.00	54.05 -0.77 0.00	54.49 -0.55 0.00	60.60 -0.24 0.00	86.32 -0.09 0.00	104.14 -0.21 0.00	81.99 -0.33 0.00	70.43 -0.42 0.00	69.35 -0.56 0.00	62.04 -0.56 0.00	58.59 -0.65 -0.23	62.51 -0.51 0.00	67.81 -0.55 0.00	83.06 -0.67 0.00	90.48 -0.18 0.00	121.75 0.00 0.00	126.87 0.00 0.00	100.40 -0.20 0.00	89.90 -0.45 0.00	79.89 -0.56 0.00	82.71 -0.50 0.00	74.36 -0.37 0.00
CLINTON_WT_PWR 323605	53.61 -1.89 0.00	53.77 -1.49 0.00	53.82 -1.16 0.00	54.10 -0.71 0.00	53.99 -1.05 0.00	58.72 -2.13 0.00	81.66 -4.75 0.00	98.29 -6.05 0.00	78.04 -4.28 0.00	67.10 -3.76 0.00	67.19 -2.73 0.00	59.67 -2.94 0.00	56.29 -2.71 0.00	59.87 -3.15 0.00	65.35 -3.01 0.00	78.93 -4.61 0.20	85.67 -4.99 0.00	115.17 -6.58 0.00	120.14 -6.73 0.00	95.27 -5.33 0.00	85.84 -4.52 0.00	76.99 -3.46 0.00	79.79 -3.42 0.00	71.97 -2.76 0.00
CLINTON___LFGE 323618	54.28 -1.22 0.00	54.43 -0.83 0.00	54.54 -0.44 0.00	54.82 0.00 0.00	54.77 -0.27 0.00	59.39 -1.46 0.00	82.35 -4.06 0.00	98.81 -5.53 0.00	78.54 -3.79 0.00	67.53 -3.33 0.00	67.96 -1.96 0.00	60.36 -2.25 0.00	56.94 -2.07 0.00	60.56 -2.46 0.00	66.10 -2.25 0.00	79.34 -4.18 0.20	86.13 -4.53 0.00	115.78 -5.96 0.00	120.91 -5.96 0.00	95.77 -4.83 0.00	86.29 -4.06 0.00	77.55 -2.89 0.00	80.21 -2.99 0.00	72.50 -2.24 0.00
COBBLENY_34_KV_TB1 80064	53.58 -3.16 -1.24	53.49 -1.77 0.00	53.22 -1.76 0.00	52.95 -1.86 0.00	53.50 -1.54 0.00	60.12 -0.73 0.00	84.68 -1.73 0.00	99.40 -4.90 0.05	77.63 -4.69 0.00	66.39 -4.46 0.00	66.00 -3.92 0.00	58.83 -3.44 0.33	54.76 -4.25 0.00	60.06 -2.65 0.31	65.08 -3.28 0.00	78.88 -4.86 0.00	86.40 -4.26 0.00	116.88 -4.87 0.00	119.92 -6.47 0.47	94.65 -5.94 0.01	84.08 -6.05 0.21	75.30 -5.15 0.00	80.21 -3.00 0.00	72.94 -1.79 0.00
COFFEEN___115KV_TB3 355620	55.65 -0.28 -0.42	54.87 -0.39 0.00	54.60 -0.38 0.00	54.27 -0.55 0.00	54.88 -0.17 0.00	60.85 0.00 0.00	87.79 1.38 0.00	107.37 3.03 0.00	84.05 1.73 0.00	72.06 1.20 0.00	70.27 0.35 0.00	62.42 -0.19 0.00	58.84 -0.30 -0.13	62.64 -0.38 0.00	68.22 -0.14 0.00	84.44 0.67 -0.03	92.38 1.72 0.00	123.94 2.19 0.00	130.04 3.17 0.00	103.42 2.82 0.00	92.34 1.99 0.00	82.30 1.85 0.00	84.79 1.58 0.00	76.53 1.79 0.00
COLDSPRG_115KV_BK1 355956	54.53 -2.28 -1.31	55.65 0.39 0.00	55.42 0.44 0.00	55.09 0.27 0.00	55.76 0.72 0.00	62.73 1.89 0.00	89.00 2.59 0.00	105.11 0.83 0.07	81.99 -0.33 0.00	70.07 -0.78 0.00	69.78 -0.14 0.00	62.01 -0.25 0.35	56.95 -2.07 -0.01	63.38 0.69 0.33	68.70 0.34 0.00	83.31 -0.42 0.00	91.11 0.45 0.00	123.33 1.58 0.00	125.96 -0.38 0.53	99.78 -0.80 0.01	88.67 -1.45 0.24	79.64 -0.80 0.00	84.70 1.50 0.00	76.75 2.02 0.00
COLONIE_LFGE___ 323577	67.96 3.33 -9.13	58.52 3.26 0.00	57.95 2.97 0.00	57.56 2.74 0.00	57.96 2.92 0.00	64.50 3.65 0.00	91.68 5.27 0.00	110.61 6.26 0.00	87.18 4.86 0.00	74.96 4.11 0.00	73.97 4.05 0.00	67.69 3.69 -1.39	66.67 3.42 -4.24	68.03 3.72 -1.29	72.32 3.96 0.00	88.76 5.02 0.00	96.00 5.35 0.00	129.05 7.30 0.00	133.97 7.10 0.00	106.33 5.73 0.00	95.68 5.33 0.00	85.11 4.66 0.00	87.86 4.66 0.00	78.77 4.03 0.00
COOPERNY_115KV_TB1 80082	63.40 2.83 -5.06	57.75 2.49 0.00	57.24 2.25 0.00	56.90 2.08 0.00	57.30 2.26 0.00	63.65 2.80 0.00	90.56 4.15 0.00	109.67 5.32 0.00	86.60 4.28 0.00	74.47 3.61 0.00	73.41 3.50 0.00	61.05 3.19 4.75	59.07 3.07 3.01	61.77 3.15 4.40	71.71 3.35 0.00	88.00 4.27 0.00	95.46 4.80 0.00	128.20 6.45 0.00	133.59 6.72 0.00	105.83 5.23 0.00	95.23 4.88 0.00	84.55 4.10 0.00	87.12 3.91 0.00	77.87 3.14 0.00
COPENHAGEN_WT_PWR 323753	55.27 -0.66 -0.44	54.49 -0.77 0.00	54.16 -0.82 0.00	53.89 -0.93 0.00	54.44 -0.60 0.00	60.36 -0.49 0.00	86.84 0.43 0.00	106.01 1.66 0.00	83.14 0.82 0.00	71.36 0.50 0.00	69.71 -0.21 0.00	61.98 -0.63 0.00	58.37 -0.77 -0.13	62.20 -0.82 0.00	67.74 -0.62 0.00	83.68 -0.08 -0.03	91.30 0.64 0.00	122.60 0.86 0.00	128.51 1.64 0.00	102.11 1.51 0.00	91.26 0.90 0.00	81.33 0.89 0.00	83.87 0.66 0.00	75.78 1.05 0.00
CORNELL_____ 23752	58.07 0.89 -1.68	56.20 0.94 0.00	55.75 0.77 0.00	55.59 0.77 0.00	56.03 0.99 0.00	62.49 1.64 0.00	89.35 2.94 0.00	107.16 2.82 0.00	84.22 1.89 0.00	72.20 1.35 0.00	71.10 1.19 0.00	63.16 0.94 0.39	59.68 0.59 -0.08	63.66 1.01 0.36	69.52 1.16 0.00	85.32 1.59 0.00	93.01 2.36 0.00	126.13 4.38 0.00	131.18 4.31 0.00	103.72 3.12 0.00	92.88 2.53 0.00	82.54 2.09 0.00	85.45 2.25 0.00	76.75 2.02 0.00

CORONA__69_KV_TB1 355595	68.38 5.99 -6.89	60.79 5.53 0.00	59.82 4.84 0.00	59.37 4.55 0.00	59.72 4.68 0.00	66.44 5.60 0.00	94.88 8.47 0.00	115.30 10.96 0.00	91.13 8.81 0.00	78.15 7.30 0.00	77.06 7.13 -0.01	73.29 6.70 -3.98	71.43 6.37 -6.05	73.39 6.68 -3.69	75.41 7.04 -0.01	101.45 8.62 -9.09	135.11 9.52 -34.93	148.90 12.91 -14.25	142.07 13.19 -2.00	135.18 10.36 -24.21	131.42 9.58 -31.49	131.81 8.04 -43.32	103.06 8.32 -11.53	87.66 6.95 -5.97
CORTLAND_115KV_TB3 80093	57.35 0.50 -1.35	55.81 0.55 0.00	55.37 0.38 0.00	55.15 0.33 0.00	55.59 0.55 0.00	61.94 1.10 0.00	88.40 1.99 0.00	106.54 2.19 0.00	83.72 1.40 0.00	71.85 0.99 0.00	70.76 0.84 0.00	62.90 0.63 0.34	59.44 0.35 -0.07	63.46 0.76 0.31	69.18 0.82 0.00	84.82 1.09 0.00	92.38 1.72 0.00	124.55 2.80 0.00	129.66 2.79 0.00	102.51 1.91 0.00	91.89 1.54 0.00	81.73 1.29 0.00	84.62 1.41 0.00	76.01 1.27 0.00
COXSACKIE__GT 23611	67.76 3.78 -8.49	59.57 4.31 0.00	59.16 4.18 0.00	58.77 3.95 0.00	59.17 4.13 0.00	65.96 5.11 0.00	94.19 7.78 0.00	113.11 8.77 0.00	88.75 6.43 0.00	75.60 4.75 0.00	74.67 4.76 0.00	68.02 4.57 -0.85	66.58 4.07 -3.51	68.34 4.54 -0.79	73.28 4.92 0.00	90.60 6.87 0.00	98.82 8.16 0.00	133.55 11.81 0.00	138.79 11.92 0.00	109.66 9.06 0.00	98.39 8.04 0.00	87.77 7.32 0.00	90.61 7.40 0.00	81.39 6.65 0.00
CPV_VALLEY__CC1 323721	64.50 3.05 -5.95	57.97 2.71 0.00	57.34 2.36 0.00	57.01 2.20 0.00	57.46 2.42 0.00	63.77 2.92 0.00	90.64 4.23 0.00	109.87 5.53 0.00	86.85 4.52 0.00	74.75 3.89 0.00	73.55 3.63 0.00	58.96 3.50 7.15	57.24 3.30 5.07	59.79 3.40 6.63	71.91 3.55 0.00	88.33 4.60 0.00	95.73 5.07 0.00	128.68 6.94 0.00	133.84 6.97 0.00	106.13 5.53 0.00	95.50 5.15 0.00	84.71 4.26 0.00	87.28 4.08 0.00	77.95 3.21 0.00
CPV_VALLEY__CC2 323722	64.50 3.05 -5.95	57.97 2.71 0.00	57.34 2.36 0.00	57.01 2.20 0.00	57.46 2.42 0.00	63.77 2.92 0.00	90.64 4.23 0.00	109.87 5.53 0.00	86.85 4.52 0.00	74.75 3.89 0.00	73.55 3.63 0.00	58.96 3.50 7.15	57.24 3.30 5.07	59.79 3.40 6.63	71.91 3.55 0.00	88.33 4.60 0.00	95.73 5.07 0.00	128.68 6.94 0.00	133.84 6.97 0.00	106.13 5.53 0.00	95.50 5.15 0.00	84.71 4.26 0.00	87.28 4.08 0.00	77.95 3.21 0.00
CRESCENT__HYD 24018	67.96 3.33 -9.13	58.52 3.26 0.00	57.95 2.97 0.00	57.56 2.74 0.00	57.96 2.92 0.00	64.50 3.65 0.00	91.68 5.27 0.00	110.61 6.26 0.00	87.18 4.86 0.00	74.96 4.11 0.00	73.97 4.05 0.00	67.69 3.69 -1.39	66.67 3.42 -4.24	68.03 3.72 -1.29	72.32 3.96 0.00	88.76 5.02 0.00	96.00 5.35 0.00	129.05 7.30 0.00	133.97 7.10 0.00	106.33 5.73 0.00	95.68 5.33 0.00	85.11 4.66 0.00	87.86 4.66 0.00	78.77 4.03 0.00
CRICKET__VALLEY_CC1 323756	66.91 4.11 -7.31	59.07 3.81 0.00	58.45 3.47 0.00	58.11 3.29 0.00	58.51 3.47 0.00	64.99 4.14 0.00	92.37 5.96 0.00	111.96 7.61 0.00	88.50 6.18 0.00	76.24 5.38 0.00	75.02 5.10 0.00	71.47 4.82 -4.04	69.79 4.54 -6.24	71.49 4.73 -3.75	73.34 4.99 0.00	90.02 6.28 0.00	97.54 6.89 0.00	130.99 9.25 0.00	136.12 9.26 0.00	108.05 7.44 0.00	97.22 6.86 0.00	86.32 5.87 0.00	88.87 5.66 0.00	79.45 4.71 0.00
CRICKET__VALLEY_CC2 323757	66.91 4.11 -7.31	59.07 3.81 0.00	58.45 3.47 0.00	58.11 3.29 0.00	58.51 3.47 0.00	64.99 4.14 0.00	92.37 5.96 0.00	111.96 7.61 0.00	88.50 6.18 0.00	76.24 5.38 0.00	75.02 5.10 0.00	71.47 4.82 -4.04	69.79 4.54 -6.24	71.49 4.73 -3.75	73.34 4.99 0.00	90.02 6.28 0.00	97.54 6.89 0.00	130.99 9.25 0.00	136.12 9.26 0.00	108.05 7.44 0.00	97.22 6.86 0.00	86.32 5.87 0.00	88.87 5.66 0.00	79.45 4.71 0.00
CRICKET__VALLEY_CC3 323758	66.91 4.11 -7.31	59.07 3.81 0.00	58.45 3.47 0.00	58.11 3.29 0.00	58.51 3.47 0.00	64.99 4.14 0.00	92.37 5.96 0.00	111.96 7.61 0.00	88.50 6.18 0.00	76.24 5.38 0.00	75.02 5.10 0.00	71.47 4.82 -4.04	69.79 4.54 -6.24	71.49 4.73 -3.75	73.34 4.99 0.00	90.02 6.28 0.00	97.54 6.89 0.00	130.99 9.25 0.00	136.12 9.26 0.00	108.05 7.44 0.00	97.22 6.86 0.00	86.32 5.87 0.00	88.87 5.66 0.00	79.45 4.71 0.00
CRUCIBLE_METL_DRP 24180	55.82 -0.44 -0.76	54.65 -0.61 0.00	54.21 -0.77 0.00	54.05 -0.77 0.00	54.44 -0.61 0.00	60.54 -0.30 0.00	86.32 -0.09 0.00	104.14 -0.21 0.00	81.99 -0.33 0.00	70.43 -0.43 0.00	69.43 -0.49 0.00	62.05 -0.56 0.00	58.65 -0.59 -0.23	62.51 -0.50 0.00	67.81 -0.55 0.00	83.15 -0.59 0.00	90.48 -0.18 0.00	121.75 0.00 0.00	126.87 0.00 0.00	100.40 -0.20 0.00	89.90 -0.45 0.00	79.88 -0.56 0.00	82.71 -0.50 0.00	74.29 -0.45 0.00
DAHOWA__HYDRO 323763	69.18 4.44 -9.24	59.63 4.36 0.00	58.99 4.01 0.00	58.49 3.67 0.00	58.89 3.85 0.00	65.77 4.93 0.00	93.92 7.51 0.00	113.21 8.86 0.00	88.99 6.67 0.00	76.17 5.32 0.00	74.81 4.89 0.00	68.24 4.32 -1.32	67.23 4.01 -4.20	68.65 4.41 -1.22	73.21 4.85 0.00	90.09 6.36 0.00	97.73 7.08 0.00	131.73 9.99 0.00	136.12 9.26 0.00	107.85 7.25 0.00	97.13 6.78 0.00	86.32 5.87 0.00	89.03 5.82 0.00	79.74 5.01 0.00
DANC__LFGE 323619	55.11 -0.89 -0.50	54.21 -1.05 0.00	53.88 -1.10 0.00	53.66 -1.15 0.00	54.11 -0.94 0.00	60.05 -0.79 0.00	85.98 -0.43 0.00	104.56 0.21 0.00	82.08 -0.25 0.00	70.50 -0.35 0.00	69.08 -0.84 0.00	61.60 -1.00 0.00	58.04 -1.12 -0.15	61.88 -1.13 0.00	67.26 -1.10 0.00	82.92 -0.84 -0.02	90.30 -0.36 0.00	121.26 -0.49 0.00	126.99 0.13 0.00	100.80 0.20 0.00	90.17 -0.18 0.00	80.29 -0.16 0.00	82.96 -0.25 0.00	74.74 0.00 0.00
DANSKAMMER__1 23586	67.12 4.77 -6.85	59.73 4.47 0.00	59.11 4.13 0.00	58.77 3.95 0.00	59.22 4.18 0.00	65.84 4.99 0.00	93.75 7.34 0.00	113.53 9.18 0.00	89.73 7.41 0.00	77.09 6.24 0.00	75.72 5.80 0.00	68.47 5.39 -0.48	66.65 5.01 -2.63	68.69 5.23 -0.44	74.10 5.74 0.00	91.18 7.45 0.00	99.09 8.43 0.00	133.43 11.69 0.00	138.67 11.80 0.00	109.76 9.15 0.00	98.66 8.31 0.00	87.60 7.16 0.00	90.20 6.99 0.00	80.49 5.76 0.00
DANSKAMMER__2 23589	67.12 4.77 -6.85	59.73 4.47 0.00	59.11 4.13 0.00	58.77 3.95 0.00	59.22 4.18 0.00	65.84 4.99 0.00	93.75 7.34 0.00	113.53 9.18 0.00	89.73 7.41 0.00	77.09 6.24 0.00	75.72 5.80 0.00	68.47 5.39 -0.48	66.65 5.01 -2.63	68.69 5.23 -0.44	74.10 5.74 0.00	91.18 7.45 0.00	99.09 8.43 0.00	133.43 11.69 0.00	138.67 11.80 0.00	109.76 9.15 0.00	98.66 8.31 0.00	87.60 7.16 0.00	90.20 6.99 0.00	80.49 5.76 0.00
DANSKAMMER__3 23590	67.12 4.77 -6.85	59.73 4.47 0.00	59.11 4.13 0.00	58.77 3.95 0.00	59.22 4.18 0.00	65.84 4.99 0.00	93.75 7.34 0.00	113.53 9.18 0.00	89.73 7.41 0.00	77.09 6.24 0.00	75.72 5.80 0.00	68.47 5.39 -0.48	66.65 5.01 -2.63	68.69 5.23 -0.44	74.10 5.74 0.00	91.18 7.45 0.00	99.09 8.43 0.00	133.43 11.69 0.00	138.67 11.80 0.00	109.76 9.15 0.00	98.66 8.31 0.00	87.60 7.16 0.00	90.20 6.99 0.00	80.49 5.76 0.00

DANSKAMMER___4 23591	67.12 4.77 -6.85	59.73 4.47 0.00	59.11 4.13 0.00	58.77 3.95 0.00	59.22 4.18 0.00	65.84 4.99 0.00	93.75 7.34 0.00	113.53 9.18 0.00	89.73 7.41 0.00	77.09 6.24 0.00	75.72 5.80 0.00	68.47 5.39 -0.48	66.65 5.01 -2.63	68.69 5.23 -0.44	74.10 5.74 0.00	91.18 7.45 0.00	99.09 8.43 0.00	133.43 11.69 0.00	138.67 11.80 0.00	109.76 9.15 0.00	98.66 8.31 0.00	87.60 7.16 0.00	90.20 6.99 0.00	80.49 5.76 0.00
DANSKAMMER___DIESEL 23592	67.12 4.77 -6.85	59.68 4.42 0.00	59.11 4.12 0.00	58.71 3.89 0.00	59.17 4.13 0.00	65.84 4.99 0.00	93.75 7.34 0.00	113.53 9.18 0.00	89.73 7.41 0.00	77.02 6.16 0.00	75.86 5.94 0.00	68.47 5.38 -0.48	66.71 5.07 -2.63	68.69 5.23 -0.44	74.10 5.74 0.00	91.10 7.37 0.00	99.09 8.43 0.00	133.43 11.69 0.00	138.79 11.93 0.00	109.76 9.15 0.00	98.66 8.31 0.00	87.61 7.16 0.00	90.20 6.99 0.00	80.49 5.75 0.00
DARBY___SOLAR 323810	69.00 4.27 -9.22	59.46 4.20 0.00	58.89 3.90 0.00	58.38 3.56 0.00	58.79 3.74 0.00	65.60 4.75 0.00	93.58 7.17 0.00	112.80 8.45 0.00	88.66 6.34 0.00	75.96 5.10 0.00	74.60 4.68 0.00	68.07 4.13 -1.33	67.05 3.83 -4.21	68.48 4.22 -1.24	73.07 4.71 0.00	89.93 6.20 0.00	97.46 6.80 0.00	131.36 9.62 0.00	135.74 8.88 0.00	107.54 6.94 0.00	96.86 6.51 0.00	86.08 5.63 0.00	88.78 5.58 0.00	79.52 4.79 0.00
DASHVILLE___HYD 23610	67.57 5.00 -7.07	60.12 4.86 0.00	59.60 4.62 0.00	59.20 4.39 0.00	59.72 4.68 0.00	66.44 5.60 0.00	94.79 8.38 0.00	114.68 10.33 0.00	90.64 8.31 0.00	77.66 6.80 0.00	76.35 6.43 0.00	68.27 6.07 0.41	66.51 5.66 -1.84	68.56 5.92 0.38	74.65 6.29 0.00	91.94 8.21 0.00	100.27 9.61 0.00	135.38 13.64 0.00	140.69 13.83 0.00	111.06 10.46 0.00	99.75 9.40 0.00	88.57 8.13 0.00	91.11 7.90 0.00	81.31 6.58 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	69.38 6.99 -6.89	61.67 6.41 0.00	60.54 5.55 0.00	60.08 5.26 0.00	60.49 5.45 0.00	67.54 6.69 0.00	97.73 11.32 0.00	119.06 14.71 0.00	94.18 11.85 0.00	80.21 9.35 0.00	80.07 10.14 -0.01	75.79 9.20 -3.98	73.61 8.56 -6.05	75.91 9.20 -3.69	78.22 9.84 -0.01	105.39 12.56 -9.10	139.65 14.05 -34.94	156.33 20.33 -14.25	149.05 20.17 -2.01	140.21 15.39 -24.22	135.77 13.91 -31.50	135.60 11.83 -43.33	106.56 11.82 -11.53	91.25 10.54 -5.97
DELAWARE___LFGE 323621	60.80 2.05 -3.25	57.25 1.99 0.00	56.85 1.87 0.00	56.52 1.70 0.00	56.91 1.87 0.00	63.34 2.49 0.00	90.38 3.97 0.00	109.25 4.90 0.00	85.94 3.62 0.00	73.76 2.91 0.00	72.64 2.73 0.00	64.03 2.38 0.95	61.19 2.07 -0.12	64.53 2.39 0.88	70.89 2.53 0.00	87.17 3.43 0.00	94.74 4.08 0.00	126.86 5.11 0.00	132.45 4.43 0.00	105.03 4.43 0.00	94.33 3.98 0.00	83.90 3.46 0.00	86.78 3.58 0.00	77.80 3.06 0.00
DERFIELD_115KV_TB7 355931	55.94 0.44 0.00	55.65 0.39 0.00	55.31 0.33 0.00	55.09 0.27 0.00	55.37 0.33 0.00	61.33 0.49 0.00	87.19 0.78 0.00	105.39 1.04 0.00	83.06 0.74 0.00	71.49 0.64 0.00	70.55 0.63 0.00	63.17 0.56 0.00	59.54 0.53 0.00	63.58 0.57 0.00	68.97 0.62 0.00	84.57 0.84 0.00	91.56 0.91 0.00	122.84 1.10 0.00	128.13 1.27 0.00	101.61 1.01 0.00	91.26 0.90 0.00	81.25 0.80 0.00	84.04 0.83 0.00	75.41 0.67 0.00
DOGLEVILLE___HYD 23807	56.50 1.00 0.00	56.31 1.05 0.00	55.97 0.99 0.00	55.75 0.93 0.00	56.03 0.99 0.00	62.13 1.28 0.00	88.48 2.07 0.00	107.06 2.71 0.00	84.38 2.06 0.00	72.55 1.70 0.00	71.53 1.61 0.00	64.11 1.50 0.00	60.37 1.36 0.00	64.53 1.51 0.00	70.07 1.71 0.00	86.07 2.34 0.00	93.47 2.81 0.00	125.39 3.65 0.00	130.67 3.80 0.00	103.62 3.02 0.00	92.97 2.62 0.00	82.86 2.41 0.00	85.70 2.49 0.00	77.06 2.32 0.00
DUNKIRK___115KV_TB_200 55889	54.06 -2.66 -1.23	53.55 -1.71 0.00	53.33 -1.65 0.00	53.06 -1.75 0.00	53.67 -1.38 0.00	60.30 -0.55 0.00	85.11 -1.30 0.00	100.08 -4.17 0.09	78.21 -4.12 0.00	66.96 -3.90 0.00	66.56 -3.36 0.00	59.27 -3.01 0.33	55.46 -3.54 0.00	60.63 -2.08 0.30	65.69 -2.67 0.00	79.46 -4.27 0.00	87.03 -3.63 0.00	117.97 -3.77 0.00	121.04 -5.20 0.62	95.66 -4.93 0.02	84.74 -5.33 0.28	75.94 -4.50 0.00	80.96 -2.25 0.00	73.61 -1.12 0.00
DUNKIRK___1 23563	54.06 -2.66 -1.23	53.55 -1.71 0.00	53.33 -1.65 0.00	53.06 -1.75 0.00	53.67 -1.38 0.00	60.30 -0.55 0.00	85.11 -1.30 0.00	100.08 -4.17 0.09	78.21 -4.12 0.00	66.96 -3.90 0.00	66.56 -3.36 0.00	59.27 -3.01 0.33	55.46 -3.54 0.00	60.63 -2.08 0.30	65.69 -2.67 0.00	79.46 -4.27 0.00	87.03 -3.63 0.00	117.97 -3.77 0.00	121.04 -5.20 0.62	95.66 -4.93 0.02	84.74 -5.33 0.28	75.94 -4.50 0.00	80.96 -2.25 0.00	73.61 -1.12 0.00
DUNKIRK___2 23564	54.06 -2.66 -1.23	53.55 -1.71 0.00	53.33 -1.65 0.00	53.06 -1.75 0.00	53.67 -1.38 0.00	60.30 -0.55 0.00	85.11 -1.30 0.00	100.08 -4.17 0.09	78.21 -4.12 0.00	66.96 -3.90 0.00	66.56 -3.36 0.00	59.27 -3.01 0.33	55.46 -3.54 0.00	60.63 -2.08 0.30	65.69 -2.67 0.00	79.46 -4.27 0.00	87.03 -3.63 0.00	117.97 -3.77 0.00	121.04 -5.20 0.62	95.66 -4.93 0.02	84.74 -5.33 0.28	75.94 -4.50 0.00	80.96 -2.25 0.00	73.61 -1.12 0.00
DUNKIRK___3 23565	53.82 -2.89 -1.21	53.44 -1.82 0.00	53.22 -1.76 0.00	52.95 -1.86 0.00	53.56 -1.49 0.00	60.18 -0.67 0.00	84.85 -1.56 0.00	99.66 -4.59 0.10	77.96 -4.36 0.00	66.67 -4.18 0.00	66.28 -3.64 0.00	59.03 -3.26 0.32	55.17 -3.84 0.00	60.39 -2.33 0.30	65.42 -2.94 0.00	79.21 -4.52 0.00	86.76 -3.90 0.00	117.48 -4.26 0.00	120.51 -5.71 0.65	95.25 -5.33 0.02	84.37 -5.69 0.29	75.62 -4.83 0.00	80.54 -2.66 0.00	73.32 -1.42 0.00
DUNKIRK___4 23566	53.82 -2.89 -1.21	53.44 -1.82 0.00	53.22 -1.76 0.00	52.95 -1.86 0.00	53.56 -1.49 0.00	60.18 -0.67 0.00	84.85 -1.56 0.00	99.66 -4.59 0.10	77.96 -4.36 0.00	66.67 -4.18 0.00	66.28 -3.64 0.00	59.03 -3.26 0.32	55.17 -3.84 0.00	60.39 -2.33 0.30	65.42 -2.94 0.00	79.21 -4.52 0.00	86.76 -3.90 0.00	117.48 -4.26 0.00	120.51 -5.71 0.65	95.25 -5.33 0.02	84.37 -5.69 0.29	75.62 -4.83 0.00	80.54 -2.66 0.00	73.32 -1.42 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	66.94 4.55 -6.89	59.46 4.20 0.00	58.83 3.85 0.00	58.44 3.62 0.00	58.90 3.85 0.00	65.41 4.56 0.00	92.98 6.57 0.00	112.90 8.56 0.00	89.32 7.00 0.00	76.88 6.02 0.00	75.79 5.87 0.00	72.07 5.51 -3.95	70.28 5.25 -6.02	72.10 5.42 -3.67	74.03 5.67 0.00	90.77 7.03 0.00	98.45 7.80 0.00	132.46 10.71 0.00	137.78 10.91 0.00	109.15 8.55 0.00	98.21 7.86 0.00	87.04 6.60 0.00	89.53 6.32 0.00	79.89 5.16 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	66.28 4.16 -6.62	59.07 3.81 0.00	58.50 3.52 0.00	58.11 3.29 0.00	58.57 3.52 0.00	65.11 4.26 0.00	92.72 6.31 0.00	112.28 7.93 0.00	88.74 6.42 0.00	76.24 5.39 0.00	75.09 5.17 0.00	64.27 4.76 3.10	62.58 4.48 0.92	64.75 4.60 2.87	73.35 4.99 0.00	90.18 6.45 0.00	97.91 7.25 0.00	131.85 10.10 0.00	137.14 10.28 0.00	108.55 7.95 0.00	97.58 7.23 0.00	86.64 6.19 0.00	89.20 5.99 0.00	79.59 4.86 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	67.72 5.33 -6.89	60.24 4.97 -0.01	59.55 4.56 -0.01	59.16 4.33 -0.01	59.62 4.57 -0.01	66.27 5.42 -0.01	93.85 7.43 -0.01	113.85 9.50 -0.01	90.32 7.99 -0.01	77.81 6.94 -0.01	76.36 6.43 -0.01	72.84 6.26 -3.97	71.00 5.96 -6.03	72.87 6.18 -3.68	74.79 6.43 -0.01	91.78 8.04 -0.01	99.28 8.61 -0.01	133.44 11.69 -0.01	138.80 11.93 -0.01	110.07 9.46 -0.01	99.21 8.85 -0.01	87.94 7.48 -0.01	90.37 7.16 -0.01	80.50 5.75 -0.01
E179THST_13_KV_LOAD 356214	67.94 5.55 -6.89	60.46 5.19 -0.01	59.77 4.78 -0.01	59.38 4.55 -0.01	59.84 4.79 -0.01	66.51 5.66 -0.01	94.19 7.78 -0.01	114.37 10.02 -0.01	90.64 8.31 -0.01	78.09 7.23 -0.01	76.71 6.78 -0.01	73.15 6.57 -3.97	71.30 6.25 -6.03	73.12 6.43 -3.68	75.13 6.77 -0.01	92.20 8.46 -0.01	99.82 9.16 -0.01	134.17 12.42 -0.01	139.56 12.69 -0.01	110.57 9.96 -0.01	99.67 9.31 -0.01	88.34 7.88 -0.01	90.79 7.57 -0.01	80.87 6.13 -0.01
EAST HAMPTON___GT 23717	68.99 6.60 -6.89	61.34 6.08 0.00	60.15 5.17 0.00	59.92 5.10 0.00	60.33 5.28 0.00	67.42 6.57 0.00	97.90 11.49 0.00	119.58 15.23 0.00	94.67 12.34 0.00	80.91 10.06 0.00	80.42 10.48 -0.01	76.23 9.64 -3.98	74.02 8.97 -6.05	76.41 9.70 -3.69	78.70 10.32 -0.01	106.14 13.31 -9.10	140.65 15.05 -34.94	157.67 21.67 -14.25	150.32 21.45 -2.01	141.02 16.20 -24.22	136.49 14.64 -31.50	136.16 12.38 -43.33	107.14 12.40 -11.53	91.85 11.14 -5.97
EAST RIVER___6 23660	67.10 4.71 -6.89	59.68 4.42 0.00	58.94 3.96 0.00	58.55 3.73 0.00	59.01 3.97 0.00	65.47 4.62 0.00	92.89 6.48 0.00	113.11 8.77 0.00	89.65 7.32 0.00	77.37 6.51 0.00	76.00 6.08 0.00	72.45 5.88 -3.96	70.70 5.67 -6.02	72.48 5.79 -3.67	74.24 5.88 0.00	91.18 7.45 0.00	98.91 8.25 0.00	132.82 11.08 0.00	137.90 11.03 0.00	109.46 8.86 0.00	98.49 8.14 0.00	87.20 6.76 0.00	89.61 6.41 0.00	79.67 4.93 0.00
EAST RIVER___7 23524	67.10 4.71 -6.89	59.68 4.42 0.00	58.94 3.96 0.00	58.55 3.73 0.00	59.01 3.97 0.00	65.47 4.62 0.00	92.89 6.48 0.00	113.11 8.77 0.00	89.65 7.32 0.00	77.37 6.51 0.00	76.00 6.08 0.00	72.45 5.88 -3.96	70.70 5.67 -6.02	72.48 5.79 -3.67	74.24 5.88 0.00	91.18 7.45 0.00	98.91 8.25 0.00	132.82 11.08 0.00	137.90 11.03 0.00	109.46 8.86 0.00	98.49 8.14 0.00	87.20 6.76 0.00	89.61 6.41 0.00	79.67 4.93 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	66.76 4.38 -6.87	59.29 4.03 0.00	58.67 3.68 0.00	58.27 3.45 0.00	58.73 3.69 0.00	65.23 4.38 0.00	92.72 6.31 0.00	112.59 8.24 0.00	89.07 6.75 0.00	76.67 5.81 0.00	75.58 5.66 0.00	71.70 5.26 -3.83	69.92 5.02 -5.90	71.74 5.17 -3.55	73.76 5.40 0.00	90.51 6.78 0.00	98.18 7.52 0.00	132.09 10.35 0.00	137.40 10.53 0.00	108.85 8.25 0.00	97.94 7.59 0.00	86.80 6.36 0.00	89.28 6.07 0.00	79.67 4.93 0.00
EAST_HAMPTON___DIESEL 23722	68.88 6.49 -6.89	61.23 5.97 0.00	60.04 5.06 0.00	59.81 4.99 0.00	60.21 5.17 0.00	67.29 6.45 0.00	97.81 11.41 0.00	119.47 15.13 0.00	94.67 12.34 0.00	80.85 9.99 0.00	80.35 10.42 -0.01	76.23 9.64 -3.98	74.02 8.97 -6.05	76.35 9.64 -3.69	78.70 10.32 -0.01	106.14 13.31 -9.10	140.65 15.05 -34.94	157.67 21.67 -14.25	150.19 21.31 -2.01	141.02 16.20 -24.22	136.40 14.55 -31.50	136.08 12.31 -43.33	107.05 12.31 -11.53	91.85 11.14 -5.97
EAST_POINT___SOLAR 323840	70.33 4.66 -10.17	59.96 4.69 0.00	59.32 4.34 0.00	58.77 3.95 0.00	59.28 4.24 0.00	66.56 5.72 0.00	95.66 9.25 0.00	115.20 10.85 0.00	89.57 7.25 0.00	75.18 4.32 0.00	72.72 2.80 0.00	64.88 1.38 -0.89	64.21 1.12 -4.08	65.99 2.14 -0.83	70.95 2.60 0.00	89.84 6.11 0.00	98.72 8.07 0.00	133.68 11.94 0.00	140.06 13.19 0.00	110.76 10.16 0.00	99.75 9.40 0.00	88.66 8.21 0.00	91.20 7.99 0.00	81.54 6.80 0.00
EAST_PULASKI___ESR 323781	54.89 -1.17 -0.56	53.93 -1.33 0.00	53.55 -1.43 0.00	53.34 -1.48 0.00	53.78 -1.26 0.00	59.75 -1.09 0.00	85.20 -1.21 0.00	103.10 -1.25 0.00	81.09 -1.23 0.00	69.72 -1.14 0.00	68.52 -1.40 0.00	61.23 -1.38 0.00	57.76 -1.42 -0.17	61.57 -1.45 0.00	66.85 -1.50 0.00	82.15 -1.59 -0.01	89.39 -1.27 0.00	120.04 -1.70 0.00	125.47 -1.39 0.00	99.40 -1.20 0.00	89.00 -1.35 0.00	79.24 -1.20 0.00	81.96 -1.25 0.00	73.69 -1.05 0.00
EAST_RIVER___1 323558	67.27 4.89 -6.89	59.84 4.58 0.00	59.11 4.13 0.00	58.71 3.89 0.00	59.17 4.13 0.00	65.65 4.81 0.00	93.15 6.74 0.00	113.32 8.98 0.00	89.73 7.41 0.00	77.45 6.59 0.00	76.00 6.08 0.00	72.52 5.95 -3.96	70.70 5.67 -6.02	72.48 5.79 -3.67	74.30 5.94 0.00	91.27 7.54 0.00	98.91 8.25 0.00	132.94 11.19 0.00	138.15 11.29 0.00	109.55 8.95 0.00	98.57 8.22 0.00	87.28 6.83 0.00	89.78 6.57 0.00	79.89 5.15 0.00
EAST_RIVER___2 323559	67.10 4.71 -6.89	59.68 4.42 0.00	58.94 3.96 0.00	58.55 3.73 0.00	59.01 3.97 0.00	65.47 4.62 0.00	92.89 6.48 0.00	113.11 8.77 0.00	89.65 7.32 0.00	77.37 6.51 0.00	76.00 6.08 0.00	72.45 5.88 -3.96	70.70 5.67 -6.02	72.48 5.79 -3.67	74.24 5.88 0.00	91.18 7.45 0.00	98.91 8.25 0.00	132.82 11.08 0.00	137.90 11.03 0.00	109.46 8.86 0.00	98.49 8.14 0.00	87.20 6.76 0.00	89.61 6.41 0.00	79.67 4.93 0.00
EAST___DELAWARE_HYD 23607	66.70 5.05 -6.15	59.96 4.69 0.00	59.38 4.40 0.00	59.04 4.22 0.00	59.56 4.51 0.00	66.33 5.48 0.00	94.62 8.21 0.00	114.58 10.23 0.00	90.39 8.07 0.00	77.37 6.51 0.00	75.93 6.01 0.00	65.57 5.44 2.49	63.55 5.01 0.47	66.01 5.29 2.31	74.24 5.88 0.00	91.60 7.87 0.00	100.00 9.34 0.00	134.78 13.03 0.00	140.06 13.19 0.00	110.76 10.16 0.00	99.39 9.03 0.00	88.33 7.89 0.00	90.95 7.74 0.00	81.23 6.50 0.00
EIGHT_POINT___WT_PWR 323820	55.42 -1.61 -1.53	54.71 -0.55 0.00	54.32 -0.66 0.00	54.16 -0.66 0.00	54.82 -0.22 0.00	61.58 0.73 0.00	87.71 1.30 0.00	104.22 0.00 0.12	81.66 -0.66 0.00	69.58 -1.27 0.00	68.79 -1.12 0.00	61.07 -1.13 0.42	56.98 -2.07 -0.04	62.26 -0.38 0.38	68.02 -0.34 0.00	82.81 -0.92 0.00	91.20 0.55 0.00	123.57 1.83 0.00	128.13 1.64 0.38	100.69 0.10 0.01	89.45 -0.73 0.17	79.97 -0.48 0.00	83.95 0.75 0.00	76.31 1.57 0.00
ELBRIDGE_115KV_TB2 80188	55.59 -0.72 -0.81	54.38 -0.88 0.00	53.99 -0.99 0.00	53.83 -0.99 0.00	54.22 -0.83 0.00	60.30 -0.55 0.00	85.89 -0.52 0.00	103.51 -0.83 0.00	81.50 -0.82 0.00	70.01 -0.85 0.00	69.01 -0.91 0.00	61.53 -0.88 0.20	58.18 -0.89 -0.05	62.01 -0.82 0.19	67.40 -0.96 0.00	82.64 -1.09 0.00	89.93 -0.73 0.00	121.02 -0.73 0.00	126.10 -0.76 0.00	99.70 -0.91 0.00	89.36 -0.99 0.00	79.40 -1.05 0.00	82.29 -0.92 0.00	73.91 -0.82 0.00
ELEC_TRO_TEK 24086	67.99 5.61 -6.89	60.40 5.14 0.00	59.49 4.51 0.00	59.04 4.22 0.00	59.45 4.40 0.00	66.08 5.23 0.00	94.36 7.95 0.00	114.68 10.33 0.00	90.64 8.31 0.00	77.73 6.87 0.00	76.78 6.85 -0.01	72.91 6.32 -3.98	71.07 6.02 -6.05	73.07 6.36 -3.69	75.07 6.70 -0.01	101.03 8.21 -9.09	134.57 8.98 -34.93	148.29 12.30 -14.25	141.43 12.56 -2.01	134.67 9.86 -24.21	130.88 9.04 -31.49	131.41 7.64 -43.32	102.48 7.74 -11.53	87.06 6.35 -5.97

ELLENBURG_WT_PWR 323604	53.61 -1.89 0.00	53.77 -1.49 0.00	53.82 -1.16 0.00	54.10 -0.71 0.00	53.99 -1.05 0.00	58.72 -2.13 0.00	81.66 -4.75 0.00	98.29 -6.05 0.00	78.04 -4.28 0.00	67.10 -3.76 0.00	67.19 -2.73 0.00	59.67 -2.94 0.00	56.29 -2.71 0.00	59.87 -3.15 0.00	65.35 -3.01 0.00	78.93 -4.61 0.20	85.67 -4.99 0.00	115.17 -6.58 0.00	120.14 -6.73 0.00	95.27 -5.33 0.00	85.84 -4.52 0.00	76.99 -3.46 0.00	79.79 -3.42 0.00	71.97 -2.76 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	53.40 -3.27 -1.17	52.72 -2.54 0.00	52.40 -2.58 0.00	52.13 -2.69 0.00	52.68 -2.37 0.00	59.14 -1.70 0.00	83.21 -3.20 0.00	97.35 -6.78 0.21	76.23 -6.09 0.00	65.19 -5.67 0.00	64.81 -5.10 0.00	57.79 -4.51 0.31	54.22 -4.78 0.01	59.01 -3.72 0.29	63.98 -4.37 0.00	77.37 -6.36 0.00	84.76 -5.89 0.00	114.68 -7.06 0.00	117.46 -8.50 0.91	93.03 -7.55 0.03	82.26 -7.68 0.42	73.85 -6.60 0.00	78.71 -4.49 0.00	71.75 -2.99 0.00
EMPIRE_CC_1 323656	66.80 2.50 -8.80	57.69 2.43 0.00	57.12 2.14 0.00	56.79 1.97 0.00	57.19 2.14 0.00	63.46 2.61 0.00	89.78 3.37 0.00	108.53 4.18 0.00	85.70 3.38 0.00	73.90 3.04 0.00	73.13 3.22 0.00	67.30 3.07 -1.63	66.21 2.83 -4.37	67.55 3.02 -1.51	71.50 3.15 0.00	87.33 3.60 0.00	94.38 3.72 0.00	126.49 4.74 0.00	131.56 4.70 0.00	104.63 4.03 0.00	94.32 3.97 0.00	83.90 3.46 0.00	86.54 3.33 0.00	77.73 2.99 0.00
EMPIRE_CC_2 323658	66.80 2.50 -8.80	57.69 2.43 0.00	57.12 2.14 0.00	56.79 1.97 0.00	57.19 2.14 0.00	63.46 2.61 0.00	89.78 3.37 0.00	108.53 4.18 0.00	85.70 3.38 0.00	73.90 3.04 0.00	73.13 3.22 0.00	67.30 3.07 -1.63	66.21 2.83 -4.37	67.55 3.02 -1.51	71.50 3.15 0.00	87.33 3.60 0.00	94.38 3.72 0.00	126.49 4.74 0.00	131.56 4.70 0.00	104.63 4.03 0.00	94.32 3.97 0.00	83.90 3.46 0.00	86.54 3.33 0.00	77.73 2.99 0.00
ENORWICH_115KV_TB1 80156	62.07 4.00 -2.58	59.41 4.14 0.00	58.94 3.96 0.00	58.60 3.78 0.00	59.17 4.13 0.00	66.32 5.48 0.00	95.57 9.16 0.00	125.53 21.18 0.00	97.14 14.82 0.00	82.19 11.34 0.00	79.84 9.93 0.00	69.25 8.08 1.43	65.54 6.90 0.37	69.75 8.07 1.33	77.93 9.57 0.00	97.46 13.73 0.00	108.88 18.22 0.00	135.62 13.88 0.00	141.96 15.10 0.00	112.27 11.67 0.00	100.56 10.21 0.00	89.46 9.01 0.00	92.03 8.82 0.00	82.66 7.92 0.00
ERIE_ST_34_KV_TB1-2 80199	53.11 -3.61 -1.21	54.38 -0.88 0.00	54.16 -0.82 0.00	53.83 -0.99 0.00	54.38 -0.66 0.00	61.09 0.24 0.00	86.24 -0.17 0.00	101.43 -2.92 0.00	79.19 -3.13 0.00	67.67 -3.19 0.00	67.33 -2.59 0.00	59.97 -2.32 0.33	55.05 -3.95 0.00	61.27 -1.45 0.30	66.37 -1.98 0.00	80.47 -3.27 0.00	88.03 -2.63 0.00	118.95 -2.80 0.00	121.65 -5.07 0.14	96.07 -4.53 0.00	85.68 -4.61 0.06	76.83 -3.62 0.00	81.71 -1.50 0.00	74.29 -0.45 0.00
ERIE_WT_PWR 323693	53.59 -3.11 -1.20	53.38 -1.88 0.00	53.01 -1.98 0.00	52.74 -2.08 0.00	53.44 -1.60 0.00	59.87 -0.98 0.00	84.25 -2.16 0.00	98.44 -5.74 0.17	77.30 -5.02 0.00	66.11 -4.75 0.00	65.72 -4.19 0.00	58.53 -3.75 0.32	54.28 -4.72 0.01	59.82 -2.90 0.30	65.01 -3.35 0.00	78.37 -5.36 0.00	85.94 -4.72 0.00	116.51 -5.23 0.00	120.81 -5.58 0.47	94.45 -6.14 0.01	83.45 -6.69 0.21	74.97 -5.47 0.00	79.88 -3.33 0.00	72.87 -1.87 0.00
ESPRGFLD_115KV_TB1 80157	58.33 2.83 0.00	58.08 2.82 0.00	57.62 2.64 0.00	57.18 2.36 0.00	57.63 2.59 0.00	64.50 3.65 0.00	92.54 6.14 0.00	111.86 7.51 0.00	87.59 5.27 0.00	74.61 3.76 0.00	72.92 3.01 0.00	65.21 2.32 -0.28	61.29 2.01 -0.27	65.74 2.46 -0.26	71.16 2.80 0.00	88.34 4.61 0.00	96.55 5.89 0.00	129.90 8.16 0.00	135.87 9.01 0.00	107.44 6.84 0.00	96.50 6.14 0.00	85.84 5.39 0.00	88.53 5.33 0.00	79.22 4.48 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	57.96 0.78 -1.68	56.14 0.88 0.00	55.70 0.71 0.00	55.48 0.66 0.00	55.92 0.88 0.00	62.37 1.52 0.00	89.09 2.68 0.00	106.96 2.61 0.00	84.05 1.73 0.00	72.06 1.20 0.00	70.96 1.05 0.00	63.03 0.81 0.39	59.62 0.53 -0.08	63.60 0.95 0.36	69.38 1.03 0.00	85.16 1.42 0.00	92.74 2.09 0.00	125.76 4.02 0.00	130.93 4.06 0.00	103.52 2.92 0.00	92.70 2.35 0.00	82.38 1.93 0.00	85.29 2.08 0.00	76.60 1.87 0.00
ETNA____115KV_TB2 80207	57.96 0.78 -1.68	56.14 0.88 0.00	55.70 0.71 0.00	55.48 0.66 0.00	55.92 0.88 0.00	62.37 1.52 0.00	89.09 2.68 0.00	106.96 2.61 0.00	84.05 1.73 0.00	72.06 1.20 0.00	70.96 1.05 0.00	63.03 0.81 0.39	59.62 0.53 -0.08	63.60 0.95 0.36	69.38 1.03 0.00	85.16 1.42 0.00	92.74 2.09 0.00	125.76 4.02 0.00	130.93 4.06 0.00	103.52 2.92 0.00	92.70 2.35 0.00	82.38 1.93 0.00	85.29 2.08 0.00	76.60 1.87 0.00
EUCLID____115KV_TB2 356179	55.08 -1.05 -0.64	53.99 -1.27 0.00	53.61 -1.37 0.00	53.45 -1.37 0.00	53.78 -1.27 0.00	59.81 -1.03 0.00	85.11 -1.30 0.00	102.68 -1.67 0.00	80.84 -1.48 0.00	69.44 -1.42 0.00	68.45 -1.47 0.00	61.29 -1.31 0.00	57.91 -1.30 -0.20	61.76 -1.26 0.00	66.92 -1.44 0.00	82.06 -1.67 0.00	89.12 -1.54 0.00	119.92 -1.83 0.00	124.96 -1.90 0.00	98.89 -1.71 0.00	88.64 -1.72 0.00	78.76 -1.69 0.00	81.63 -1.58 0.00	73.32 -1.42 0.00
E_CANADA_CAP_HY 24051	69.61 3.56 -10.56	58.80 3.54 0.00	58.23 3.24 0.00	57.72 2.90 0.00	58.18 3.14 0.00	65.17 4.32 0.00	93.58 7.17 0.00	112.91 8.56 0.00	88.17 5.85 0.00	74.75 3.89 0.00	72.78 2.87 0.00	65.41 2.06 -0.74	64.84 1.77 -4.06	66.04 2.33 -0.69	71.09 2.74 0.00	88.93 5.19 0.00	97.19 6.53 0.00	131.36 9.62 0.00	137.39 10.52 0.00	108.65 8.05 0.00	97.76 7.41 0.00	86.96 6.51 0.00	89.53 6.32 0.00	80.12 5.38 0.00
E_CANADA_MHWK_HY 24050	56.50 1.00 0.00	56.31 1.05 0.00	55.97 0.99 0.00	55.75 0.93 0.00	56.03 0.99 0.00	62.13 1.28 0.00	88.48 2.07 0.00	107.06 2.71 0.00	84.38 2.06 0.00	72.55 1.70 0.00	71.53 1.61 0.00	64.11 1.50 0.00	60.37 1.36 0.00	64.53 1.51 0.00	70.07 1.71 0.00	86.07 2.34 0.00	93.47 2.81 0.00	125.39 3.65 0.00	130.67 3.80 0.00	103.62 3.02 0.00	92.97 2.62 0.00	82.86 2.41 0.00	85.70 2.49 0.00	77.06 2.32 0.00
E_FISHKILL____LBMP 23776	66.62 4.11 -7.01	59.02 3.76 0.00	58.39 3.41 0.00	58.05 3.23 0.00	58.45 3.41 0.00	64.98 4.14 0.00	92.28 5.88 0.00	111.96 7.62 0.00	88.50 6.17 0.00	76.24 5.39 0.00	75.16 5.24 0.00	72.64 4.88 -5.14	70.83 4.60 -7.22	72.58 4.79 -4.77	73.35 4.99 0.00	90.01 6.28 0.00	97.55 6.89 0.00	131.24 9.50 0.00	136.51 9.64 0.00	108.15 7.55 0.00	97.40 7.05 0.00	86.32 5.87 0.00	88.87 5.66 0.00	79.37 4.63 0.00
FALCON____SEABRD_CC1 323796	53.95 -1.55 0.00	54.10 -1.16 0.00	54.21 -0.77 0.00	54.44 -0.38 0.00	54.38 -0.66 0.00	58.78 -2.07 0.00	80.79 -5.62 0.00	97.04 -7.31 0.00	77.14 -5.18 0.00	66.32 -4.54 0.00	67.26 -2.66 0.00	59.67 -2.94 0.00	56.35 -2.65 0.00	59.87 -3.15 0.00	65.42 -2.94 0.00	77.92 -5.61 0.20	84.58 -6.07 0.00	113.71 -8.04 0.00	118.74 -8.12 0.00	94.06 -6.54 0.00	84.84 -5.51 0.00	76.10 -4.35 0.00	78.79 -4.41 0.00	71.15 -3.59 0.00

FALCON___SEABRD_CC2 323797	53.95 -1.55 0.00	54.10 -1.16 0.00	54.21 -0.77 0.00	54.44 -0.38 0.00	54.38 -0.66 0.00	58.78 -2.07 0.00	80.79 -5.62 0.00	97.04 -7.31 0.00	77.14 -5.18 0.00	66.32 -4.54 0.00	67.26 -2.66 0.00	59.67 -2.94 0.00	56.35 -2.65 0.00	59.87 -3.15 0.00	65.42 -2.94 0.00	77.92 -5.61 0.20	84.58 -6.07 0.00	113.71 -8.04 0.00	118.74 -8.12 0.00	94.06 -6.54 0.00	84.84 -5.51 0.00	76.10 -4.35 0.00	78.79 -4.41 0.00	71.15 -3.59 0.00
FAR ROCKAWAY___4 23548	68.94 6.55 -6.89	61.34 6.08 0.00	60.32 5.33 0.00	59.81 4.99 0.00	60.22 5.17 0.00	66.99 6.15 0.00	95.74 9.33 0.00	116.35 12.00 0.00	91.95 9.63 0.00	78.79 7.94 0.00	77.48 7.55 -0.01	73.92 7.33 -3.98	71.96 6.90 -6.05	73.96 7.25 -3.69	76.03 7.66 -0.01	102.37 9.55 -9.09	135.74 10.15 -34.93	149.88 13.88 -14.25	143.08 14.21 -2.00	135.98 11.17 -24.21	132.05 10.21 -31.49	132.38 8.61 -43.32	103.89 9.15 -11.53	88.41 7.70 -5.97
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	67.33 4.94 -6.89	59.79 4.53 0.00	59.11 4.12 0.00	58.71 3.89 0.00	59.17 4.13 0.00	65.71 4.87 0.00	93.24 6.83 0.00	113.43 9.08 0.00	89.81 7.49 0.00	77.45 6.59 0.00	76.21 6.29 0.00	72.51 5.95 -3.96	70.76 5.72 -6.02	72.55 5.86 -3.67	74.37 6.02 0.00	91.27 7.54 0.00	98.91 8.25 0.00	133.07 11.32 0.00	138.41 11.54 0.00	109.66 9.05 0.00	98.66 8.31 0.00	87.36 6.92 0.00	89.78 6.57 0.00	79.97 5.23 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	67.33 4.94 -6.89	59.79 4.53 0.00	59.11 4.12 0.00	58.77 3.95 0.00	59.23 4.18 0.00	65.78 4.93 0.00	93.24 6.83 0.00	113.43 9.08 0.00	89.81 7.49 0.00	77.45 6.59 0.00	76.21 6.29 0.00	72.51 5.95 -3.96	70.76 5.72 -6.02	72.55 5.86 -3.67	74.37 6.02 0.00	91.27 7.54 0.00	99.00 8.34 0.00	133.07 11.32 0.00	138.41 11.54 0.00	109.66 9.05 0.00	98.66 8.31 0.00	87.36 6.92 0.00	89.86 6.66 0.00	79.97 5.23 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	67.27 4.88 -6.89	59.74 4.48 0.00	59.11 4.12 0.00	58.71 3.89 0.00	59.17 4.13 0.00	65.71 4.87 0.00	93.24 6.83 0.00	113.32 8.97 0.00	89.73 7.41 0.00	77.38 6.52 0.00	76.14 6.22 0.00	72.45 5.89 -3.96	70.70 5.66 -6.02	72.48 5.80 -3.67	74.37 6.02 0.00	91.18 7.45 0.00	98.91 8.25 0.00	133.07 11.32 0.00	138.28 11.42 0.00	109.56 8.95 0.00	98.57 8.22 0.00	87.28 6.84 0.00	89.78 6.57 0.00	79.89 5.16 0.00
FARRAGUT___LBMP 323566	67.21 4.83 -6.89	59.74 4.48 0.00	59.05 4.07 0.00	58.66 3.84 0.00	59.12 4.07 0.00	65.65 4.81 0.00	93.15 6.74 0.00	113.22 8.87 0.00	89.65 7.33 0.00	77.30 6.45 0.00	76.07 6.15 0.00	72.45 5.89 -3.96	70.64 5.61 -6.02	72.42 5.73 -3.67	74.30 5.95 0.00	91.10 7.37 0.00	98.82 8.16 0.00	132.95 11.20 0.00	138.16 11.29 0.00	109.45 8.85 0.00	98.48 8.13 0.00	87.20 6.76 0.00	89.70 6.49 0.00	79.89 5.16 0.00
FENNER___WINDPWR 24204	57.34 0.94 -0.90	56.20 0.94 0.00	55.81 0.83 0.00	55.59 0.77 0.00	56.03 0.99 0.00	62.37 1.52 0.00	89.09 2.68 0.00	107.79 3.44 0.00	84.71 2.39 0.00	72.70 1.84 0.00	71.45 1.54 0.00	63.71 1.32 0.22	60.07 1.00 -0.06	64.14 1.33 0.20	69.86 1.50 0.00	85.74 2.01 -0.01	93.37 2.72 0.00	125.39 3.65 0.00	130.80 3.94 0.00	103.52 2.92 0.00	92.79 2.44 0.00	82.53 2.09 0.00	85.29 2.08 0.00	76.68 1.94 0.00
FIBERTEK___ENERGY 23856	55.82 -0.44 -0.76	54.65 -0.61 0.00	54.21 -0.77 0.00	54.05 -0.77 0.00	54.44 -0.61 0.00	60.54 -0.30 0.00	86.32 -0.09 0.00	104.14 -0.21 0.00	81.99 -0.33 0.00	70.43 -0.43 0.00	69.43 -0.49 0.00	62.05 -0.56 0.00	58.65 -0.59 -0.23	62.51 -0.50 0.00	67.81 -0.55 0.00	83.15 -0.59 0.00	90.48 -0.18 0.00	121.75 0.00 0.00	126.87 0.00 0.00	100.40 -0.20 0.00	89.90 -0.45 0.00	79.88 -0.56 0.00	82.71 -0.50 0.00	74.29 -0.45 0.00
FITZPATRICK____ 23598	53.99 -1.94 -0.44	53.16 -2.10 0.00	52.84 -2.15 0.00	52.62 -2.19 0.00	52.95 -2.09 0.00	58.78 -2.07 0.00	83.56 -2.85 0.00	100.80 -3.55 0.00	79.36 -2.96 0.00	68.24 -2.62 0.00	67.33 -2.59 0.00	60.29 -2.32 0.00	56.90 -2.24 -0.14	60.69 -2.33 0.00	65.83 -2.53 0.00	80.64 -3.10 0.00	87.57 -3.08 0.00	117.73 -4.01 0.00	122.80 -4.06 0.00	97.18 -3.42 0.00	87.19 -3.16 0.00	77.47 -2.97 0.00	80.29 -2.91 0.00	72.19 -2.54 0.00
FLOWRFLD_69_KV_BK1 356044	69.38 6.99 -6.89	61.67 6.41 0.00	60.54 5.55 0.00	60.03 5.21 0.00	60.44 5.39 0.00	67.30 6.45 0.00	96.86 10.46 0.00	117.81 13.46 0.00	93.11 10.78 0.00	79.43 8.57 0.00	78.88 8.95 -0.01	74.73 8.14 -3.98	72.73 7.67 -6.05	74.84 8.13 -3.69	77.05 8.68 -0.01	103.80 10.97 -9.10	137.84 12.24 -34.94	153.04 17.04 -14.25	146.13 17.25 -2.01	138.20 13.38 -24.22	134.05 12.20 -31.50	134.15 10.38 -43.33	105.14 10.40 -11.53	89.60 8.89 -5.97
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	67.26 4.88 -6.88	59.74 4.48 0.00	59.16 4.18 0.00	58.82 4.00 0.00	59.28 4.24 0.00	65.96 5.11 0.00	93.93 7.52 0.00	113.74 9.39 0.00	89.90 7.57 0.00	77.16 6.31 0.00	76.00 6.08 0.00	69.28 5.51 -1.16	67.45 5.13 -3.31	69.45 5.36 -1.08	74.24 5.88 0.00	91.27 7.54 0.00	99.27 8.61 0.00	133.68 11.93 0.00	139.05 12.18 0.00	109.96 9.36 0.00	98.85 8.49 0.00	87.77 7.32 0.00	90.36 7.16 0.00	80.64 5.90 0.00
FORT ORANGE____ 23900	66.31 1.83 -8.98	57.14 1.88 0.00	56.63 1.65 0.00	56.24 1.42 0.00	56.64 1.60 0.00	62.85 2.00 0.00	89.09 2.68 0.00	107.47 3.13 0.00	84.79 2.47 0.00	72.98 2.12 0.00	72.50 2.59 0.00	66.47 2.57 -1.29	65.52 2.42 -4.10	66.80 2.58 -1.20	70.95 2.60 0.00	86.74 3.01 0.00	93.74 3.08 0.00	125.76 4.01 0.00	130.80 3.94 0.00	104.02 3.42 0.00	93.70 3.34 0.00	83.42 2.98 0.00	86.12 2.91 0.00	77.35 2.61 0.00
FORT_DRUM_COGEN 23780	55.19 -0.72 -0.41	54.43 -0.83 0.00	54.16 -0.82 0.00	53.89 -0.93 0.00	54.44 -0.61 0.00	60.30 -0.55 0.00	86.84 0.43 0.00	106.23 1.88 0.00	83.31 0.99 0.00	71.56 0.71 0.00	69.71 -0.21 0.00	62.05 -0.56 0.00	58.43 -0.71 -0.13	62.20 -0.82 0.00	67.74 -0.62 0.00	83.77 0.00 -0.04	91.38 0.73 0.00	122.60 0.85 0.00	128.52 1.65 0.00	102.21 1.61 0.00	91.44 1.08 0.00	81.49 1.05 0.00	83.96 0.75 0.00	75.93 1.20 0.00
FOX_HILLS___ESR 323835	67.72 5.33 -6.89	60.19 4.92 -0.01	59.50 4.51 -0.01	59.10 4.28 -0.01	59.56 4.51 -0.01	66.21 5.35 -0.01	93.58 7.17 0.00	113.74 9.39 0.00	90.07 7.74 -0.01	77.67 6.80 -0.01	76.50 6.57 -0.01	72.40 5.82 -3.97	70.65 5.61 -6.03	72.43 5.73 -3.68	74.31 5.95 -0.01	90.93 7.20 0.00	98.64 7.98 0.00	132.70 10.96 0.00	138.03 11.16 0.00	109.35 8.75 0.00	98.48 8.13 0.00	87.28 6.84 0.00	89.70 6.49 0.00	79.67 4.93 0.00
FPL FAR_ROCK_GT1 24212	68.93 6.55 -6.89	61.39 6.13 0.00	60.31 5.33 0.00	59.92 5.10 0.00	60.21 5.17 0.00	66.93 6.08 0.00	95.74 9.34 0.00	116.34 11.99 0.00	91.95 9.63 0.00	78.93 8.07 0.00	77.42 7.48 -0.01	73.91 7.32 -3.98	71.96 6.90 -6.05	73.95 7.24 -3.69	75.96 7.59 -0.01	102.36 9.54 -9.09	135.74 10.15 -34.93	149.87 13.87 -14.25	142.95 14.08 -2.00	135.88 11.07 -24.21	132.05 10.21 -31.49	132.38 8.61 -43.32	103.89 9.15 -11.53	88.41 7.70 -5.97

FPL FAR_ROCK_GT2 23815	68.93 6.55 -6.89	61.39 6.13 0.00	60.31 5.33 0.00	59.92 5.10 0.00	60.21 5.17 0.00	66.93 6.08 0.00	95.74 9.34 0.00	116.34 11.99 0.00	91.95 9.63 0.00	78.93 8.07 0.00	77.42 7.48 -0.01	73.91 7.32 -3.98	71.96 6.90 -6.05	73.95 7.24 -3.69	75.96 7.59 -0.01	102.36 9.54 -9.09	135.74 10.15 -34.93	149.87 13.87 -14.25	142.95 14.08 -2.00	135.88 11.07 -24.21	132.05 10.21 -31.49	132.38 8.61 -43.32	103.89 9.15 -11.53	88.41 7.70 -5.97
FRANKLIN_FALL_HYD 24054	54.17 -1.33 0.00	54.43 -0.83 0.00	54.43 -0.55 0.00	54.65 -0.16 0.00	54.71 -0.33 0.00	59.20 -1.64 0.00	83.21 -3.20 0.00	100.17 -4.17 0.00	79.44 -2.88 0.00	68.66 -2.20 0.00	67.54 -2.38 0.00	60.29 -2.32 0.00	56.71 -2.30 0.00	60.43 -2.58 0.00	66.03 -2.32 0.00	80.71 -3.27 -0.25	86.85 -3.81 0.00	116.75 -4.99 0.00	121.79 -5.07 0.00	96.78 -3.82 0.00	87.01 -3.34 0.00	78.19 -2.25 0.00	81.13 -2.08 0.00	74.06 -0.67 0.00
FREEPORT_EQUS_GT1 23764	68.49 6.11 -6.89	60.95 5.69 0.00	59.87 4.89 0.00	59.48 4.66 0.00	59.83 4.79 0.00	66.51 5.66 0.00	94.71 8.30 0.00	115.20 10.85 0.00	91.04 8.72 0.00	78.09 7.23 0.00	77.20 7.27 -0.01	73.42 6.83 -3.98	71.49 6.43 -6.05	73.52 6.81 -3.69	75.48 7.11 -0.01	101.12 8.29 -9.09	134.84 9.25 -34.94	148.66 12.66 -14.25	141.68 12.81 -2.01	134.97 10.16 -24.22	131.16 9.31 -31.50	131.89 8.12 -43.33	102.98 8.24 -11.53	87.51 6.80 -5.97
FREEPORT___CT2 23818	68.49 6.11 -6.89	60.95 5.69 0.00	59.87 4.89 0.00	59.48 4.66 0.00	59.83 4.79 0.00	66.51 5.66 0.00	94.71 8.30 0.00	115.20 10.85 0.00	91.04 8.72 0.00	78.09 7.23 0.00	77.20 7.27 -0.01	73.42 6.83 -3.98	71.49 6.43 -6.05	73.52 6.81 -3.69	75.48 7.11 -0.01	101.12 8.29 -9.09	134.84 9.25 -34.94	148.66 12.66 -14.25	141.68 12.81 -2.01	134.97 10.16 -24.22	131.16 9.31 -31.50	131.89 8.12 -43.33	102.98 8.24 -11.53	87.51 6.80 -5.97
FRESHKLS_33_KV_LOAD 356253	67.78 5.38 -6.89	60.19 4.92 -0.01	59.50 4.51 -0.01	59.10 4.28 -0.01	59.56 4.51 -0.01	66.27 5.42 -0.01	93.58 7.17 0.00	113.84 9.50 0.00	90.15 7.82 -0.01	77.67 6.80 -0.01	76.43 6.50 -0.01	72.21 5.63 -3.97	69.10 5.37 -4.73	70.66 5.48 -2.16	70.81 5.67 3.22	80.64 6.95 10.04	73.10 7.71 25.27	98.86 10.59 33.48	105.83 10.78 31.82	81.91 8.45 27.14	73.32 7.95 24.99	72.21 6.60 14.83	71.05 6.24 18.40	70.62 4.71 8.82
FULTON COGEN____ 23766	54.78 -1.33 -0.61	53.71 -1.55 0.00	53.33 -1.65 0.00	53.12 -1.70 0.00	53.50 -1.54 0.00	59.51 -1.34 0.00	84.77 -1.64 0.00	102.36 -1.98 0.00	80.59 -1.73 0.00	69.23 -1.63 0.00	68.24 -1.68 0.00	61.04 -1.57 0.00	57.72 -1.48 -0.19	61.50 -1.51 0.00	66.72 -1.64 0.00	81.81 -1.93 0.00	88.93 -1.72 0.00	119.55 -2.19 0.00	124.58 -2.28 0.00	98.59 -2.01 0.00	88.36 -1.99 0.00	78.51 -1.93 0.00	81.29 -1.91 0.00	73.02 -1.72 0.00
FULTON___LFGE 323630	69.78 4.22 -10.07	59.52 4.26 0.00	58.94 3.96 0.00	58.38 3.56 0.00	58.84 3.80 0.00	65.89 5.05 0.00	94.62 8.21 0.00	113.84 9.49 0.00	88.99 6.67 0.00	75.53 4.68 0.00	73.69 3.77 0.00	66.55 3.01 -0.93	65.76 2.66 -4.09	67.03 3.15 -0.86	71.98 3.62 0.00	89.76 6.03 0.00	97.91 7.26 0.00	132.46 10.72 0.00	138.53 11.66 0.00	109.66 9.06 0.00	98.66 8.31 0.00	87.69 7.24 0.00	90.36 7.16 0.00	80.87 6.13 0.00
G.F.CEMENT___DRP 24184	69.71 4.94 -9.27	60.12 4.86 0.00	59.49 4.51 0.00	58.93 4.11 0.00	59.34 4.29 0.00	66.44 5.60 0.00	94.96 8.55 0.00	114.47 10.12 0.00	89.90 7.57 0.00	76.88 6.02 0.00	75.44 5.52 0.00	68.73 4.82 -1.30	67.68 4.48 -4.19	69.13 4.92 -1.20	73.76 5.40 0.00	90.77 7.03 0.00	98.45 7.80 0.00	133.07 11.32 0.00	137.52 10.66 0.00	108.65 8.05 0.00	97.85 7.50 0.00	86.88 6.44 0.00	89.61 6.41 0.00	80.27 5.53 0.00
GARDENVILLE___LBMP 24039	53.48 -3.22 -1.20	53.00 -2.27 0.00	52.73 -2.25 0.00	52.46 -2.36 0.00	53.01 -2.04 0.00	59.57 -1.28 0.00	83.82 -2.59 0.00	98.19 -6.05 0.10	76.81 -5.52 0.00	65.68 -5.17 0.00	65.30 -4.61 0.00	58.22 -4.07 0.32	54.46 -4.54 0.01	59.51 -3.21 0.30	64.46 -3.90 0.00	78.04 -5.69 0.00	85.49 -5.17 0.00	115.66 -6.09 0.00	118.58 -7.61 0.68	93.74 -6.84 0.02	83.09 -6.96 0.31	74.49 -5.95 0.00	79.38 -3.83 0.00	72.27 -2.47 0.00
GARDNVLA_35_KV_LD 355827	53.70 -3.00 -1.20	53.38 -1.88 0.00	53.11 -1.87 0.00	52.79 -2.03 0.00	53.39 -1.65 0.00	59.93 -0.91 0.00	84.42 -1.99 0.00	99.13 -5.22 0.00	77.38 -4.94 0.00	66.18 -4.68 0.00	65.79 -4.13 0.00	58.66 -3.63 0.32	54.81 -4.19 0.00	59.95 -2.77 0.30	64.94 -3.42 0.00	78.62 -5.11 0.00	86.12 -4.53 0.00	116.51 -5.24 0.00	119.97 -6.72 0.17	94.46 -6.14 0.00	83.95 -6.32 0.08	75.06 -5.39 0.00	79.96 -3.25 0.00	72.79 -1.94 0.00
GELCKHM___115KV_LOAD 80723	55.35 -0.83 -0.68	54.21 -1.05 0.00	53.83 -1.15 0.00	53.67 -1.15 0.00	54.00 -1.05 0.00	60.06 -0.79 0.00	85.54 -0.86 0.00	103.20 -1.15 0.00	81.25 -1.07 0.00	69.79 -1.06 0.00	68.80 -1.12 0.00	61.54 -1.06 0.00	58.21 -1.00 -0.21	62.01 -1.01 0.00	67.26 -1.09 0.00	82.39 -1.34 0.00	89.66 -1.00 0.00	120.65 -1.10 0.00	125.72 -1.14 0.00	99.39 -1.21 0.00	89.09 -1.26 0.00	79.24 -1.21 0.00	82.04 -1.16 0.00	73.69 -1.05 0.00
GENERAL___MILLS 23808	53.54 -3.16 -1.20	53.27 -1.99 0.00	53.00 -1.98 0.00	52.74 -2.08 0.00	53.28 -1.76 0.00	59.81 -1.03 0.00	84.25 -2.16 0.00	98.88 -5.43 0.04	77.22 -5.10 0.00	66.04 -4.82 0.00	65.65 -4.26 0.00	58.53 -3.76 0.32	54.64 -4.37 0.01	59.82 -2.90 0.30	64.80 -3.55 0.00	78.46 -5.28 0.00	85.94 -4.71 0.00	116.27 -5.48 0.00	119.29 -7.10 0.47	94.25 -6.34 0.01	83.63 -6.51 0.21	74.89 -5.55 0.00	79.80 -3.41 0.00	72.64 -2.09 0.00
GE_PLASTICS___DRP 24183	66.43 1.94 -8.99	57.14 1.88 0.00	56.69 1.70 0.00	56.35 1.53 0.00	56.69 1.65 0.00	62.92 2.07 0.00	89.26 2.85 0.00	107.79 3.44 0.00	85.04 2.72 0.00	73.19 2.34 0.00	72.64 2.73 0.00	66.47 2.57 -1.30	65.53 2.42 -4.10	66.74 2.52 -1.20	71.02 2.67 0.00	86.83 3.10 0.00	93.83 3.17 0.00	125.76 4.02 0.00	131.18 4.31 0.00	104.12 3.52 0.00	93.70 3.34 0.00	83.42 2.98 0.00	86.20 3.00 0.00	77.35 2.62 0.00
GILBOA___1 23756	64.69 2.11 -7.08	57.25 1.99 0.00	56.74 1.76 0.00	56.46 1.64 0.00	56.86 1.81 0.00	63.10 2.25 0.00	89.69 3.28 0.00	108.10 3.75 0.00	85.37 3.05 0.00	73.55 2.69 0.00	72.57 2.66 0.00	65.89 2.51 -0.78	64.30 2.30 -2.99	66.19 2.46 -0.72	70.95 2.60 0.00	86.99 3.26 0.00	93.83 3.17 0.00	125.28 3.53 0.00	130.41 3.55 0.00	104.02 3.42 0.00	93.78 3.43 0.00	83.42 2.98 0.00	86.29 3.08 0.00	77.35 2.61 0.00
GILBOA___2 23757	64.69 2.11 -7.08	57.25 1.99 0.00	56.74 1.76 0.00	56.46 1.64 0.00	56.86 1.81 0.00	63.10 2.25 0.00	89.69 3.28 0.00	108.10 3.75 0.00	85.37 3.05 0.00	73.55 2.69 0.00	72.57 2.66 0.00	65.89 2.51 -0.78	64.30 2.30 -2.99	66.19 2.46 -0.72	70.95 2.60 0.00	86.99 3.26 0.00	93.83 3.17 0.00	125.28 3.53 0.00	130.41 3.55 0.00	104.02 3.42 0.00	93.78 3.43 0.00	83.42 2.98 0.00	86.29 3.08 0.00	77.35 2.61 0.00

GILBOA___3 23758	64.69 2.11 -7.08	57.25 1.99 0.00	56.74 1.76 0.00	56.46 1.64 0.00	56.86 1.81 0.00	63.10 2.25 0.00	89.69 3.28 0.00	108.10 3.75 0.00	85.37 3.05 0.00	73.55 2.69 0.00	72.57 2.66 0.00	65.89 2.51 -0.78	64.30 2.30 -2.99	66.19 2.46 -0.72	70.95 2.60 0.00	86.99 3.26 0.00	93.83 3.17 0.00	125.28 3.53 0.00	130.41 3.55 0.00	104.02 3.42 0.00	93.78 3.43 0.00	83.42 2.98 0.00	86.29 3.08 0.00	77.35 2.61 0.00
GILBOA___4 23759	64.69 2.11 -7.08	57.25 1.99 0.00	56.74 1.76 0.00	56.46 1.64 0.00	56.86 1.81 0.00	63.10 2.25 0.00	89.69 3.28 0.00	108.10 3.75 0.00	85.37 3.05 0.00	73.55 2.69 0.00	72.57 2.66 0.00	65.89 2.51 -0.78	64.30 2.30 -2.99	66.19 2.46 -0.72	70.95 2.60 0.00	86.99 3.26 0.00	93.83 3.17 0.00	125.28 3.53 0.00	130.41 3.55 0.00	104.02 3.42 0.00	93.78 3.43 0.00	83.42 2.98 0.00	86.29 3.08 0.00	77.35 2.61 0.00
GILBOA___ 23599	64.69 2.11 -7.08	57.25 1.99 0.00	56.74 1.76 0.00	56.46 1.64 0.00	56.86 1.82 0.00	63.10 2.25 0.00	89.69 3.28 0.00	108.21 3.86 0.00	85.37 3.05 0.00	73.55 2.69 0.00	72.64 2.73 0.00	65.89 2.50 -0.78	64.30 2.30 -2.99	66.19 2.46 -0.72	70.95 2.60 0.00	87.00 3.27 0.00	93.83 3.17 0.00	125.40 3.65 0.00	130.93 4.06 0.00	104.02 3.42 0.00	93.79 3.43 0.00	83.42 2.98 0.00	86.29 3.08 0.00	77.35 2.62 0.00
GINNA___ 23603	52.53 -3.83 -0.86	50.73 -4.53 0.00	50.31 -4.67 0.00	50.21 -4.60 0.00	50.64 -4.41 0.00	56.59 -4.26 0.00	80.36 -6.05 0.00	96.37 -8.03 -0.05	75.57 -6.75 0.00	64.69 -6.17 0.00	63.97 -5.94 0.00	57.00 -5.38 0.22	54.00 -5.08 -0.06	57.58 -5.23 0.20	62.55 -5.81 0.00	76.28 -7.45 0.00	83.68 -6.98 0.00	112.98 -8.77 0.00	118.64 -8.38 -0.16	92.96 -7.65 0.00	82.74 -7.68 -0.07	73.29 -7.16 0.00	76.55 -6.66 0.00	69.13 -5.61 0.00
GLEN PARK___ 23778	55.48 -0.45 -0.42	54.71 -0.55 0.00	54.43 -0.55 0.00	54.16 -0.66 0.00	54.71 -0.33 0.00	60.66 -0.18 0.00	87.45 1.04 0.00	106.96 2.61 0.00	83.81 1.48 0.00	71.85 0.99 0.00	70.06 0.14 0.00	62.30 -0.31 0.00	58.61 -0.53 -0.13	62.45 -0.57 0.00	68.08 -0.27 0.00	84.19 0.42 -0.03	92.10 1.45 0.00	123.57 1.83 0.00	129.65 2.79 0.00	103.01 2.41 0.00	92.06 1.71 0.00	82.05 1.61 0.00	84.46 1.25 0.00	76.31 1.57 0.00
GLENDALE_27_KV_LOAD 356172	67.72 5.33 -6.89	60.24 4.97 -0.01	59.55 4.56 -0.01	59.16 4.33 -0.01	59.62 4.57 -0.01	66.21 5.35 -0.01	93.93 7.52 0.00	114.05 9.70 0.00	90.48 8.15 -0.01	78.02 7.16 -0.01	76.78 6.85 -0.01	73.03 6.45 -3.97	71.18 6.14 -6.03	73.06 6.36 -3.68	75.00 6.63 -0.01	91.94 8.21 0.00	99.54 8.88 0.00	133.92 12.17 0.00	139.17 12.31 0.00	110.36 9.76 0.00	99.39 9.04 0.00	88.01 7.56 0.00	90.45 7.24 0.00	80.49 5.75 0.00
GLENWOOD_IC_1_G5 23712	67.83 5.44 -6.89	60.29 5.03 0.00	59.44 4.45 0.00	58.98 4.17 0.00	59.45 4.40 0.00	66.08 5.23 0.00	94.19 7.78 0.00	114.47 10.12 0.00	90.55 8.23 0.00	77.73 6.87 0.00	76.78 6.85 -0.01	72.98 6.39 -3.98	71.13 6.08 -6.05	73.01 6.30 -3.69	75.00 6.63 -0.01	101.03 8.21 -9.09	134.75 9.16 -34.93	148.54 12.54 -14.25	141.56 12.69 -2.01	134.78 9.96 -24.21	130.97 9.13 -31.49	131.49 7.72 -43.32	102.31 7.57 -11.53	86.91 6.20 -5.97
GLENWOOD_IC_2_G1 23688	67.44 5.05 -6.89	59.96 4.69 0.00	59.16 4.18 0.00	58.77 3.95 0.00	59.17 4.13 0.00	65.72 4.87 0.00	93.67 7.26 0.00	113.74 9.40 0.00	89.98 7.66 0.00	77.37 6.51 0.00	76.23 6.30 -0.01	72.54 5.95 -3.98	70.72 5.67 -6.05	72.63 5.92 -3.69	74.53 6.15 -0.01	100.52 7.70 -9.09	134.11 8.52 -34.93	147.57 11.57 -14.25	140.54 11.66 -2.00	134.06 9.25 -24.21	130.33 8.49 -31.49	130.93 7.16 -43.32	101.73 6.99 -11.53	86.38 5.68 -5.97
GLENWOOD_IC_3_G1 23689	67.44 5.05 -6.89	59.96 4.69 0.00	59.16 4.18 0.00	58.77 3.95 0.00	59.17 4.13 0.00	65.72 4.87 0.00	93.67 7.26 0.00	113.74 9.40 0.00	89.98 7.66 0.00	77.37 6.51 0.00	76.23 6.30 -0.01	72.54 5.95 -3.98	70.72 5.67 -6.05	72.63 5.92 -3.69	74.53 6.15 -0.01	100.52 7.70 -9.09	134.11 8.52 -34.93	147.57 11.57 -14.25	140.54 11.66 -2.00	134.06 9.25 -24.21	130.33 8.49 -31.49	130.93 7.16 -43.32	101.73 6.99 -11.53	86.38 5.68 -5.97
GLENWOOD___4 23550	67.83 5.44 -6.89	60.29 5.03 0.00	59.44 4.45 0.00	58.98 4.17 0.00	59.45 4.40 0.00	66.08 5.23 0.00	94.19 7.78 0.00	114.47 10.12 0.00	90.55 8.23 0.00	77.73 6.87 0.00	76.78 6.85 -0.01	72.98 6.39 -3.98	71.13 6.08 -6.05	73.01 6.30 -3.69	75.00 6.63 -0.01	101.03 8.21 -9.09	134.75 9.16 -34.93	148.54 12.54 -14.25	141.56 12.69 -2.01	134.78 9.96 -24.21	130.97 9.13 -31.49	131.49 7.72 -43.32	102.31 7.57 -11.53	86.91 6.20 -5.97
GLENWOOD___5 23614	67.83 5.44 -6.89	60.29 5.03 0.00	59.44 4.45 0.00	58.98 4.17 0.00	59.45 4.40 0.00	66.08 5.23 0.00	94.19 7.78 0.00	114.47 10.12 0.00	90.55 8.23 0.00	77.73 6.87 0.00	76.78 6.85 -0.01	72.98 6.39 -3.98	71.13 6.08 -6.05	73.01 6.30 -3.69	75.00 6.63 -0.01	101.03 8.21 -9.09	134.75 9.16 -34.93	148.54 12.54 -14.25	141.56 12.69 -2.01	134.78 9.96 -24.21	130.97 9.13 -31.49	131.49 7.72 -43.32	102.31 7.57 -11.53	86.91 6.20 -5.97
GLOBAL GREEN_PORT_GT1 23814	69.44 7.05 -6.89	61.78 6.52 0.00	60.59 5.61 0.00	60.30 5.48 0.00	60.66 5.62 0.00	67.72 6.87 0.00	98.25 11.84 0.00	119.90 15.55 0.00	94.92 12.60 0.00	80.99 10.13 0.00	80.49 10.56 -0.01	76.30 9.70 -3.98	74.08 9.03 -6.05	76.41 9.70 -3.69	78.76 10.39 -0.01	106.22 13.39 -9.10	140.65 15.05 -34.94	157.79 21.79 -14.25	150.45 21.57 -2.01	141.23 16.40 -24.22	136.67 14.82 -31.50	136.32 12.54 -43.33	107.31 12.57 -11.53	91.91 11.21 -5.97
GLOBE___DSASP 323697	52.45 -4.16 -1.11	50.84 -4.42 0.00	50.53 -4.45 0.00	50.27 -4.55 0.00	50.80 -4.24 0.00	56.95 -3.89 0.00	79.67 -6.74 0.00	92.68 -11.58 0.09	72.69 -9.63 0.00	62.28 -8.57 0.00	61.88 -8.04 0.00	55.24 -7.07 0.30	52.44 -6.55 0.02	56.44 -6.30 0.27	61.11 -7.25 0.00	73.77 -9.96 0.00	80.86 -9.79 0.00	109.45 -12.30 0.00	112.51 -13.70 0.65	88.71 -11.87 0.02	78.49 -11.57 0.30	70.31 -10.14 0.00	75.14 -8.07 0.00	68.68 -6.05 0.00
GOETHSLN___LBMP 323567	66.99 4.61 -6.89	59.46 4.20 0.00	58.83 3.85 0.00	58.44 3.62 0.00	58.90 3.85 0.00	65.41 4.56 0.00	92.54 6.14 0.00	112.49 8.14 0.00	89.15 6.83 0.00	76.88 6.02 0.00	75.58 5.66 0.00	72.08 5.51 -3.96	68.99 5.25 -4.73	70.48 5.29 -2.17	70.61 5.47 3.21	80.48 6.78 10.03	72.92 7.52 25.26	98.50 10.23 33.47	105.46 10.40 31.81	81.61 8.15 27.14	72.87 7.50 24.98	71.82 6.19 14.82	70.73 5.91 18.39	70.48 4.56 8.82
GOLAH___69_KV_TB 1_2 80279	54.74 -1.67 -0.90	52.88 -2.38 0.00	52.56 -2.42 0.00	52.35 -2.47 0.00	52.79 -2.26 0.00	59.20 -1.64 0.00	83.73 -2.68 0.00	99.55 -5.11 -0.31	77.80 -4.53 -0.01	66.53 -4.32 0.00	65.72 -4.19 0.00	58.56 -3.82 0.23	55.82 -3.25 -0.06	59.46 -3.34 0.21	64.46 -3.90 0.00	78.38 -5.36 -0.01	85.86 -4.80 -0.01	115.91 -5.84 -0.01	121.76 -5.96 -0.86	95.00 -5.63 -0.03	84.69 -6.05 -0.39	74.82 -5.63 -0.01	78.80 -4.41 0.00	71.45 -3.29 0.00

GOODYEAR_LAKE_HYD 323669	60.27 2.44 -2.33	57.69 2.43 0.00	57.24 2.25 0.00	56.90 2.08 0.00	57.35 2.31 0.00	63.89 3.04 0.00	91.42 5.01 0.00	110.61 6.26 0.00	86.85 4.53 0.00	74.40 3.54 0.00	73.06 3.15 0.00	64.66 2.63 0.58	61.49 2.30 -0.19	65.19 2.71 0.54	71.30 2.94 0.00	87.92 4.19 0.00	95.82 5.17 0.00	128.44 6.70 0.00	134.10 7.23 0.00	106.24 5.63 0.00	95.41 5.06 0.00	84.87 4.42 0.00	87.62 4.41 0.00	78.55 3.81 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	57.96 0.06 -2.40	55.70 0.44 0.00	55.26 0.27 0.00	55.04 0.22 0.00	55.48 0.44 0.00	61.82 0.97 0.00	88.05 1.64 0.00	105.81 1.46 0.00	83.06 0.74 0.00	71.21 0.35 0.00	70.27 0.35 0.00	62.17 0.25 0.69	58.91 -0.18 -0.08	62.82 0.44 0.64	68.77 0.41 0.00	84.23 0.50 0.00	91.84 1.18 0.00	123.57 1.83 0.00	128.25 1.52 0.14	101.60 1.01 0.00	91.01 0.72 0.06	81.09 0.64 0.00	84.21 1.00 0.00	75.78 1.05 0.00
GOUDEY___7 23579	57.96 0.06 -2.40	55.70 0.44 0.00	55.26 0.27 0.00	55.04 0.22 0.00	55.48 0.44 0.00	61.82 0.97 0.00	88.05 1.64 0.00	105.81 1.46 0.00	83.06 0.74 0.00	71.21 0.35 0.00	70.27 0.35 0.00	62.17 0.25 0.69	58.91 -0.18 -0.08	62.82 0.44 0.64	68.77 0.41 0.00	84.23 0.50 0.00	91.84 1.18 0.00	123.57 1.83 0.00	128.25 1.52 0.14	101.60 1.01 0.00	91.01 0.72 0.06	81.09 0.64 0.00	84.21 1.00 0.00	75.78 1.05 0.00
GOUDEY___8 23580	57.96 0.06 -2.40	55.70 0.44 0.00	55.26 0.27 0.00	55.04 0.22 0.00	55.48 0.44 0.00	61.82 0.97 0.00	88.05 1.64 0.00	105.81 1.46 0.00	83.06 0.74 0.00	71.21 0.35 0.00	70.27 0.35 0.00	62.17 0.25 0.69	58.91 -0.18 -0.08	62.82 0.44 0.64	68.77 0.41 0.00	84.23 0.50 0.00	91.84 1.18 0.00	123.57 1.83 0.00	128.25 1.52 0.14	101.60 1.01 0.00	91.01 0.72 0.06	81.09 0.64 0.00	84.21 1.00 0.00	75.78 1.05 0.00
GOWANUS_GT1_1 24077	67.78 5.38 -6.89	60.24 4.97 -0.01	59.55 4.56 -0.01	59.16 4.33 -0.01	59.62 4.57 -0.01	66.27 5.42 -0.01	93.75 7.34 0.00	113.95 9.60 0.00	90.23 7.90 -0.01	77.81 6.94 -0.01	76.64 6.71 -0.01	72.71 6.14 -3.97	70.94 5.90 -6.03	72.75 6.05 -3.68	74.65 6.29 -0.01	91.44 7.70 0.00	99.09 8.43 0.00	133.31 11.57 0.00	138.66 11.80 0.00	109.86 9.26 0.00	98.94 8.58 0.00	87.69 7.24 0.00	90.11 6.91 0.00	80.12 5.38 0.00
GOWANUS_GT1_2 24078	67.78 5.38 -6.89	60.24 4.97 -0.01	59.55 4.56 -0.01	59.16 4.33 -0.01	59.62 4.57 -0.01	66.27 5.42 -0.01	93.75 7.34 0.00	113.95 9.60 0.00	90.23 7.90 -0.01	77.81 6.94 -0.01	76.64 6.71 -0.01	72.71 6.14 -3.97	70.94 5.90 -6.03	72.75 6.05 -3.68	74.65 6.29 -0.01	91.44 7.70 0.00	99.09 8.43 0.00	133.31 11.57 0.00	138.66 11.80 0.00	109.86 9.26 0.00	98.94 8.58 0.00	87.69 7.24 0.00	90.11 6.91 0.00	80.12 5.38 0.00
GOWANUS_GT1_3 24079	67.78 5.38 -6.89	60.24 4.97 -0.01	59.55 4.56 -0.01	59.16 4.33 -0.01	59.62 4.57 -0.01	66.27 5.42 -0.01	93.75 7.34 0.00	113.95 9.60 0.00	90.23 7.90 -0.01	77.81 6.94 -0.01	76.64 6.71 -0.01	72.71 6.14 -3.97	70.94 5.90 -6.03	72.75 6.05 -3.68	74.65 6.29 -0.01	91.44 7.70 0.00	99.09 8.43 0.00	133.31 11.57 0.00	138.66 11.80 0.00	109.86 9.26 0.00	98.94 8.58 0.00	87.69 7.24 0.00	90.11 6.91 0.00	80.12 5.38 0.00
GOWANUS_GT1_4 24080	67.78 5.38 -6.89	60.24 4.97 -0.01	59.55 4.56 -0.01	59.16 4.33 -0.01	59.62 4.57 -0.01	66.27 5.42 -0.01	93.75 7.34 0.00	113.95 9.60 0.00	90.23 7.90 -0.01	77.81 6.94 -0.01	76.64 6.71 -0.01	72.71 6.14 -3.97	70.94 5.90 -6.03	72.75 6.05 -3.68	74.65 6.29 -0.01	91.44 7.70 0.00	99.09 8.43 0.00	133.31 11.57 0.00	138.66 11.80 0.00	109.86 9.26 0.00	98.94 8.58 0.00	87.69 7.24 0.00	90.11 6.91 0.00	80.12 5.38 0.00
GOWANUS_GT1_5 24084	67.78 5.38 -6.89	60.24 4.97 -0.01	59.55 4.56 -0.01	59.16 4.33 -0.01	59.62 4.57 -0.01	66.27 5.42 -0.01	93.75 7.34 0.00	113.95 9.60 0.00	90.23 7.90 -0.01	77.81 6.94 -0.01	76.64 6.71 -0.01	72.71 6.14 -3.97	70.94 5.90 -6.03	72.75 6.05 -3.68	74.65 6.29 -0.01	91.44 7.70 0.00	99.09 8.43 0.00	133.31 11.57 0.00	138.66 11.80 0.00	109.86 9.26 0.00	98.94 8.58 0.00	87.69 7.24 0.00	90.11 6.91 0.00	80.12 5.38 0.00
GOWANUS_GT1_6 24111	67.78 5.38 -6.89	60.24 4.97 -0.01	59.55 4.56 -0.01	59.16 4.33 -0.01	59.62 4.57 -0.01	66.27 5.42 -0.01	93.75 7.34 0.00	113.95 9.60 0.00	90.23 7.90 -0.01	77.81 6.94 -0.01	76.64 6.71 -0.01	72.71 6.14 -3.97	70.94 5.90 -6.03	72.75 6.05 -3.68	74.65 6.29 -0.01	91.44 7.70 0.00	99.09 8.43 0.00	133.31 11.57 0.00	138.66 11.80 0.00	109.86 9.26 0.00	98.94 8.58 0.00	87.69 7.24 0.00	90.11 6.91 0.00	80.12 5.38 0.00
GOWANUS_GT1_7 24112	67.78 5.38 -6.89	60.24 4.97 -0.01	59.55 4.56 -0.01	59.16 4.33 -0.01	59.62 4.57 -0.01	66.27 5.42 -0.01	93.75 7.34 0.00	113.95 9.60 0.00	90.23 7.90 -0.01	77.81 6.94 -0.01	76.64 6.71 -0.01	72.71 6.14 -3.97	70.94 5.90 -6.03	72.75 6.05 -3.68	74.65 6.29 -0.01	91.44 7.70 0.00	99.09 8.43 0.00	133.31 11.57 0.00	138.66 11.80 0.00	109.86 9.26 0.00	98.94 8.58 0.00	87.69 7.24 0.00	90.11 6.91 0.00	80.12 5.38 0.00
GOWANUS_GT1_8 24113	67.78 5.38 -6.89	60.24 4.97 -0.01	59.55 4.56 -0.01	59.16 4.33 -0.01	59.62 4.57 -0.01	66.27 5.42 -0.01	93.75 7.34 0.00	113.95 9.60 0.00	90.23 7.90 -0.01	77.81 6.94 -0.01	76.64 6.71 -0.01	72.71 6.14 -3.97	70.94 5.90 -6.03	72.75 6.05 -3.68	74.65 6.29 -0.01	91.44 7.70 0.00	99.09 8.43 0.00	133.31 11.57 0.00	138.66 11.80 0.00	109.86 9.26 0.00	98.94 8.58 0.00	87.69 7.24 0.00	90.11 6.91 0.00	80.12 5.38 0.00
GOWANUS_GT2_1 24114	67.78 5.38 -6.89	60.30 5.03 -0.01	59.55 4.56 -0.01	59.16 4.33 -0.01	59.62 4.57 -0.01	66.27 5.41 -0.01	93.75 7.34 0.00	113.94 9.59 0.00	90.23 7.90 -0.01	77.81 6.95 -0.01	76.49 6.57 -0.01	72.65 6.07 -3.97	70.88 5.84 -6.03	72.69 5.99 -3.68	74.52 6.15 -0.01	84.69 7.62 6.66	83.04 8.34 15.95	117.15 11.44 16.04	122.52 11.54 15.89	93.85 9.15 15.90	83.09 8.59 15.85	76.08 7.16 11.52	76.10 6.82 13.93	74.66 5.31 5.39
GOWANUS_GT2_2 24115	67.78 5.38 -6.89	60.30 5.03 -0.01	59.55 4.56 -0.01	59.16 4.33 -0.01	59.62 4.57 -0.01	66.27 5.41 -0.01	93.75 7.34 0.00	113.94 9.59 0.00	90.23 7.90 -0.01	77.81 6.95 -0.01	76.49 6.57 -0.01	72.65 6.07 -3.97	70.88 5.84 -6.03	72.69 5.99 -3.68	74.52 6.15 -0.01	84.69 7.62 6.66	83.04 8.34 15.95	117.15 11.44 16.04	122.52 11.54 15.89	93.85 9.15 15.90	83.09 8.59 15.85	76.08 7.16 11.52	76.10 6.82 13.93	74.66 5.31 5.39
GOWANUS_GT2_3 24116	67.78 5.38 -6.89	60.30 5.03 -0.01	59.55 4.56 -0.01	59.16 4.33 -0.01	59.62 4.57 -0.01	66.27 5.41 -0.01	93.75 7.34 0.00	113.94 9.59 0.00	90.23 7.90 -0.01	77.81 6.95 -0.01	76.49 6.57 -0.01	72.65 6.07 -3.97	70.88 5.84 -6.03	72.69 5.99 -3.68	74.52 6.15 -0.01	84.69 7.62 6.66	83.04 8.34 15.95	117.15 11.44 16.04	122.52 11.54 15.89	93.85 9.15 15.90	83.09 8.59 15.85	76.08 7.16 11.52	76.10 6.82 13.93	74.66 5.31 5.39

GOWANUS_GT2_4 24117	67.78 5.38 -6.89	60.30 5.03 -0.01	59.55 4.56 -0.01	59.16 4.33 -0.01	59.62 4.57 -0.01	66.27 5.41 -0.01	93.75 7.34 0.00	113.94 9.59 0.00	90.23 7.90 -0.01	77.81 6.95 -0.01	76.49 6.57 -0.01	72.65 6.07 -3.97	70.88 5.84 -6.03	72.69 5.99 -3.68	74.52 6.15 -0.01	84.69 7.62 6.66	83.04 8.34 15.95	117.15 11.44 16.04	122.52 11.54 15.89	93.85 9.15 15.90	83.09 8.59 15.85	76.08 7.16 11.52	76.10 6.82 13.93	74.66 5.31 5.39
GOWANUS_GT2_5 24118	67.78 5.38 -6.89	60.30 5.03 -0.01	59.55 4.56 -0.01	59.16 4.33 -0.01	59.62 4.57 -0.01	66.27 5.41 -0.01	93.75 7.34 0.00	113.94 9.59 0.00	90.23 7.90 -0.01	77.81 6.95 -0.01	76.49 6.57 -0.01	72.65 6.07 -3.97	70.88 5.84 -6.03	72.69 5.99 -3.68	74.52 6.15 -0.01	84.69 7.62 6.66	83.04 8.34 15.95	117.15 11.44 16.04	122.52 11.54 15.89	93.85 9.15 15.90	83.09 8.59 15.85	76.08 7.16 11.52	76.10 6.82 13.93	74.66 5.31 5.39
GOWANUS_GT2_6 24119	67.78 5.38 -6.89	60.30 5.03 -0.01	59.55 4.56 -0.01	59.16 4.33 -0.01	59.62 4.57 -0.01	66.27 5.41 -0.01	93.75 7.34 0.00	113.94 9.59 0.00	90.23 7.90 -0.01	77.81 6.95 -0.01	76.49 6.57 -0.01	72.65 6.07 -3.97	70.88 5.84 -6.03	72.69 5.99 -3.68	74.52 6.15 -0.01	84.69 7.62 6.66	83.04 8.34 15.95	117.15 11.44 16.04	122.52 11.54 15.89	93.85 9.15 15.90	83.09 8.59 15.85	76.08 7.16 11.52	76.10 6.82 13.93	74.66 5.31 5.39
GOWANUS_GT2_7 24120	67.78 5.38 -6.89	60.30 5.03 -0.01	59.55 4.56 -0.01	59.16 4.33 -0.01	59.62 4.57 -0.01	66.27 5.41 -0.01	93.75 7.34 0.00	113.94 9.59 0.00	90.23 7.90 -0.01	77.81 6.95 -0.01	76.49 6.57 -0.01	72.65 6.07 -3.97	70.88 5.84 -6.03	72.69 5.99 -3.68	74.52 6.15 -0.01	84.69 7.62 6.66	83.04 8.34 15.95	117.15 11.44 16.04	122.52 11.54 15.89	93.85 9.15 15.90	83.09 8.59 15.85	76.08 7.16 11.52	76.10 6.82 13.93	74.66 5.31 5.39
GOWANUS_GT2_8 24121	67.78 5.38 -6.89	60.30 5.03 -0.01	59.55 4.56 -0.01	59.16 4.33 -0.01	59.62 4.57 -0.01	66.27 5.41 -0.01	93.75 7.34 0.00	113.94 9.59 0.00	90.23 7.90 -0.01	77.81 6.95 -0.01	76.49 6.57 -0.01	72.65 6.07 -3.97	70.88 5.84 -6.03	72.69 5.99 -3.68	74.52 6.15 -0.01	84.69 7.62 6.66	83.04 8.34 15.95	117.15 11.44 16.04	122.52 11.54 15.89	93.85 9.15 15.90	83.09 8.59 15.85	76.08 7.16 11.52	76.10 6.82 13.93	74.66 5.31 5.39
GOWANUS_GT3_1 24122	67.78 5.38 -6.89	60.30 5.03 -0.01	59.55 4.56 -0.01	59.21 4.39 -0.01	59.67 4.62 -0.01	66.27 5.41 -0.01	93.75 7.34 0.00	113.94 9.59 0.00	90.31 7.98 0.00	77.88 7.02 -0.01	76.49 6.57 -0.01	72.72 6.14 -3.97	70.88 5.84 -6.03	72.75 6.05 -3.68	74.58 6.22 -0.01	91.43 7.70 0.00	99.09 8.43 0.00	133.32 11.57 0.00	138.41 11.54 0.00	109.85 9.25 0.00	98.94 8.59 0.00	87.69 7.24 0.00	90.11 6.90 0.00	80.12 5.38 0.00
GOWANUS_GT3_2 24123	67.78 5.38 -6.89	60.30 5.03 -0.01	59.55 4.56 -0.01	59.21 4.39 -0.01	59.67 4.62 -0.01	66.27 5.41 -0.01	93.75 7.34 0.00	113.94 9.59 0.00	90.31 7.98 -0.01	77.88 7.02 -0.01	76.49 6.57 -0.01	72.72 6.14 -3.97	70.88 5.84 -6.03	72.75 6.05 -3.68	74.58 6.22 -0.01	91.43 7.70 0.00	99.09 8.43 0.00	133.32 11.57 0.00	138.41 11.54 0.00	109.85 9.25 0.00	98.94 8.59 0.00	87.69 7.24 0.00	90.11 6.90 0.00	80.12 5.38 0.00
GOWANUS_GT3_3 24124	67.78 5.38 -6.89	60.30 5.03 -0.01	59.55																					

GOWANUS_GT4_3 24132	67.78 5.38 -6.89	60.24 4.97 -0.01	59.55 4.56 -0.01	59.16 4.33 -0.01	59.62 4.57 -0.01	66.27 5.42 -0.01	93.75 7.34 0.00	113.84 9.50 0.00	90.23 7.90 -0.01	77.81 6.94 -0.01	76.57 6.64 -0.01	72.65 6.07 -3.97	70.88 5.84 -6.03	72.68 5.99 -3.68	74.59 6.22 -0.01	84.69 7.62 6.66	83.05 8.34 15.95	117.15 11.44 16.04	122.65 11.67 15.89	93.85 9.15 15.90	82.99 8.49 15.85	76.09 7.16 11.52	76.10 6.82 13.93	74.66 5.31 5.39
GOWANUS_GT4_4 24133	67.78 5.38 -6.89	60.24 4.97 -0.01	59.55 4.56 -0.01	59.16 4.33 -0.01	59.62 4.57 -0.01	66.27 5.42 -0.01	93.75 7.34 0.00	113.84 9.50 0.00	90.23 7.90 -0.01	77.81 6.94 -0.01	76.57 6.64 -0.01	72.65 6.07 -3.97	70.88 5.84 -6.03	72.68 5.99 -3.68	74.59 6.22 -0.01	84.69 7.62 6.66	83.05 8.34 15.95	117.15 11.44 16.04	122.65 11.67 15.89	93.85 9.15 15.90	82.99 8.49 15.85	76.09 7.16 11.52	76.10 6.82 13.93	74.66 5.31 5.39
GOWANUS_GT4_5 24134	67.78 5.38 -6.89	60.24 4.97 -0.01	59.55 4.56 -0.01	59.16 4.33 -0.01	59.62 4.57 -0.01	66.27 5.42 -0.01	93.75 7.34 0.00	113.84 9.50 0.00	90.23 7.90 -0.01	77.81 6.94 -0.01	76.57 6.64 -0.01	72.65 6.07 -3.97	70.88 5.84 -6.03	72.68 5.99 -3.68	74.59 6.22 -0.01	84.69 7.62 6.66	83.05 8.34 15.95	117.15 11.44 16.04	122.65 11.67 15.89	93.85 9.15 15.90	82.99 8.49 15.85	76.09 7.16 11.52	76.10 6.82 13.93	74.66 5.31 5.39
GOWANUS_GT4_6 24135	67.78 5.38 -6.89	60.24 4.97 -0.01	59.55 4.56 -0.01	59.16 4.33 -0.01	59.62 4.57 -0.01	66.27 5.42 -0.01	93.75 7.34 0.00	113.84 9.50 0.00	90.23 7.90 -0.01	77.81 6.94 -0.01	76.57 6.64 -0.01	72.65 6.07 -3.97	70.88 5.84 -6.03	72.68 5.99 -3.68	74.59 6.22 -0.01	84.69 7.62 6.66	83.05 8.34 15.95	117.15 11.44 16.04	122.65 11.67 15.89	93.85 9.15 15.90	82.99 8.49 15.85	76.09 7.16 11.52	76.10 6.82 13.93	74.66 5.31 5.39
GOWANUS_GT4_7 24136	67.78 5.38 -6.89	60.24 4.97 -0.01	59.55 4.56 -0.01	59.16 4.33 -0.01	59.62 4.57 -0.01	66.27 5.42 -0.01	93.75 7.34 0.00	113.84 9.50 0.00	90.23 7.90 -0.01	77.81 6.94 -0.01	76.57 6.64 -0.01	72.65 6.07 -3.97	70.88 5.84 -6.03	72.68 5.99 -3.68	74.59 6.22 -0.01	84.69 7.62 6.66	83.05 8.34 15.95	117.15 11.44 16.04	122.65 11.67 15.89	93.85 9.15 15.90	82.99 8.49 15.85	76.09 7.16 11.52	76.10 6.82 13.93	74.66 5.31 5.39
GOWANUS_GT4_8 24137	67.78 5.38 -6.89	60.24 4.97 -0.01	59.55 4.56 -0.01	59.16 4.33 -0.01	59.62 4.57 -0.01	66.27 5.42 -0.01	93.75 7.34 0.00	113.84 9.50 0.00	90.23 7.90 -0.01	77.81 6.94 -0.01	76.57 6.64 -0.01	72.65 6.07 -3.97	70.88 5.84 -6.03	72.68 5.99 -3.68	74.59 6.22 -0.01	84.69 7.62 6.66	83.05 8.34 15.95	117.15 11.44 16.04	122.65 11.67 15.89	93.85 9.15 15.90	82.99 8.49 15.85	76.09 7.16 11.52	76.10 6.82 13.93	74.66 5.31 5.39
GREENBSH_115KV_TB3 55895	66.42 1.89 -9.04	57.08 1.82 0.00	56.63 1.65 0.00	56.30 1.48 0.00	56.64 1.60 0.00	62.85 2.01 0.00	89.09 2.68 0.00	107.58 3.23 0.00	84.87 2.55 0.00	73.12 2.27 0.00	72.78 2.87 0.00	66.64 2.69 -1.34	65.70 2.54 -4.16	66.97 2.71 -1.24	71.16 2.80 0.00	86.83 3.10 0.00	93.74 3.08 0.00	125.64 3.90 0.00	131.05 4.19 0.00	104.12 3.52 0.00	93.70 3.34 0.00	83.42 2.98 0.00	86.12 2.91 0.00	77.35 2.62 0.00
GREENIDGE_115KV_TB5 80291	56.14 -0.83 -1.48	54.65 -0.61 0.00	54.21 -0.77 0.00	54.11 -0.71 0.00	54.66 -0.39 0.00	61.21 0.37 0.00	87.36 0.95 0.00	104.35 0.00 0.00	81.99 -0.33 0.00	70.01 -0.85 0.00	69.01 -0.91 0.00	61.21 -1.00 0.40	57.71 -1.36 -0.06	61.95 -0.69 0.37	67.61 -0.75 0.00	82.89 -0.84 0.00	90.57 -0.09 0.00	121.99 0.24 0.00	126.56 -0.13 0.18	100.40 -0.20 0.00	89.46 -0.81 0.08	79.88 -0.56 0.00	83.21 0.00 0.00	75.03 0.30 0.00
GREENIDGE___3 23582	56.14 -0.83 -1.48	54.65 -0.61 0.00	54.21 -0.77 0.00	54.11 -0.71 0.00	54.66 -0.39 0.00	61.21 0.37 0.00	87.36 0.95 0.00	104.35 0.00 0.00	81.99 -0.33 0.00	70.01 -0.85 0.00	69.01 -0.91 0.00	61.21 -1.00 0.40	57.71 -1.36 -0.06	61.95 -0.69 0.37	67.61 -0.75 0.00	82.89 -0.84 0.00	90.57 -0.09 0.00	121.99 0.24 0.00	126.56 -0.13 0.18	100.40 -0.20 0.00	89.46 -0.81 0.08	79.88 -0.56 0.00	83.21 0.00 0.00	75.03 0.30 0.00
GREENIDGE___4 23583	56.20 -0.78 -1.48	54.76 -0.50 0.00	54.27 -0.72 0.00	54.16 -0.66 0.00	54.71 -0.33 0.00	61.21 0.37 0.00	87.36 0.95 0.00	104.18 -0.10 0.06	81.99 -0.33 0.00	70.01 -0.85 0.00	68.94 -0.98 0.00	61.21 -1.00 0.40	57.53 -1.53 -0.06	61.96 -0.69 0.37	67.67 -0.68 0.00	82.73 -1.00 0.00	90.57 -0.09 0.00	122.11 0.37 0.00	127.07 0.38 0.18	100.40 -0.20 0.00	89.37 -0.90 0.08	79.89 -0.56 0.00	83.21 0.00 0.00	75.19 0.45 0.00
GREENLWN_69_KV_BK 3 55738	68.55 6.16 -6.89	60.90 5.64 0.00	59.88 4.89 0.00	59.37 4.55 0.00	59.78 4.73 0.00	66.51 5.66 0.00	95.31 8.90 0.00	115.83 11.48 0.00	91.54 9.22 0.00	78.37 7.51 0.00	77.48 7.55 -0.01	73.60 7.01 -3.98	71.67 6.61 -6.05	73.71 6.99 -3.69	75.75 7.38 -0.01	101.95 9.13 -9.10	135.66 10.06 -34.94	148.78 12.78 -14.25	142.33 13.45 -2.01	135.79 10.97 -24.22	132.06 10.21 -31.50	132.38 8.61 -43.33	103.40 8.65 -11.53	87.88 7.17 -5.97
GREENWD_138_KV_38B11_REV_LBMP_J 345004	67.78 5.38 -6.89	60.24 4.97 -0.01	59.55 4.56 -0.01	59.16 4.33 -0.01	59.62 4.57 -0.01	66.27 5.42 -0.01	93.75 7.34 0.00	113.95 9.60 0.00	90.23 7.90 -0.01	77.81 6.94 -0.01	76.64 6.71 -0.01	72.71 6.14 -3.97	70.94 5.90 -6.03	72.75 6.05 -3.68	74.65 6.29 -0.01	91.44 7.70 0.00	99.09 8.43 0.00	133.31 11.57 0.00	138.66 11.80 0.00	109.86 9.26 0.00	98.94 8.58 0.00	87.69 7.24 0.00	90.11 6.91 0.00	80.12 5.38 0.00
GRISSOM___SOLAR 323813	69.53 4.05 -9.98	59.29 4.03 0.00	58.77 3.79 0.00	58.27 3.46 0.00	58.67 3.63 0.00	65.65 4.81 0.00	94.10 7.69 0.00	113.32 8.98 0.00	88.66 6.34 0.00	75.46 4.60 0.00	73.69 3.77 0.00	66.64 3.07 -0.97	65.82 2.72 -4.10	67.13 3.21 -0.90	71.98 3.62 0.00	89.51 5.77 0.00	97.54 6.89 0.00	131.84 10.10 0.00	137.90 11.03 0.00	109.15 8.55 0.00	98.21 7.86 0.00	87.37 6.92 0.00	89.94 6.74 0.00	80.49 5.76 0.00
GROVEVILLE___HYD 323602	67.26 4.88 -6.88	59.74 4.48 0.00	59.16 4.18 0.00	58.82 4.00 0.00	59.28 4.24 0.00	65.96 5.11 0.00	93.93 7.52 0.00	113.74 9.39 0.00	89.90 7.57 0.00	77.16 6.31 0.00	76.00 6.08 0.00	69.28 5.51 -1.16	67.45 5.13 -3.31	69.45 5.36 -1.08	74.24 5.88 0.00	91.27 7.54 0.00	99.27 8.61 0.00	133.68 11.93 0.00	139.05 12.18 0.00	109.96 9.36 0.00	98.85 8.49 0.00	87.77 7.32 0.00	90.36 7.16 0.00	80.64 5.90 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	55.82 -0.44 -0.76	54.65 -0.61 0.00	54.21 -0.77 0.00	54.05 -0.77 0.00	54.44 -0.61 0.00	60.54 -0.30 0.00	86.32 -0.09 0.00	104.14 -0.21 0.00	81.99 -0.33 0.00	70.43 -0.43 0.00	69.43 -0.49 0.00	62.05 -0.56 0.00	58.65 -0.59 -0.23	62.51 -0.50 0.00	67.81 -0.55 0.00	83.15 -0.59 0.00	90.48 -0.18 0.00	121.75 0.00 0.00	126.87 0.00 0.00	100.40 -0.20 0.00	89.90 -0.45 0.00	79.88 -0.56 0.00	82.71 -0.50 0.00	74.29 -0.45 0.00

HAMLTNNY_34_KV_TB 80303	55.92 -0.39 -0.81	54.71 -0.55 0.00	54.27 -0.71 0.00	54.11 -0.71 0.00	54.49 -0.55 0.00	60.66 -0.18 0.00	86.50 0.09 0.00	104.35 0.00 0.00	82.07 -0.25 0.00	70.43 -0.43 0.00	69.43 -0.49 0.00	61.91 -0.50 0.20	58.47 -0.59 -0.05	62.39 -0.44 0.19	67.81 -0.55 0.00	83.15 -0.59 0.00	90.57 -0.09 0.00	121.99 0.24 0.00	126.99 0.13 0.00	100.50 -0.10 0.00	89.99 -0.36 0.00	79.96 -0.48 0.00	82.79 -0.42 0.00	74.36 -0.37 0.00
HAMPSHIRE___PAPER_HYD 323593	53.95 -1.83 -0.28	53.49 -1.77 0.00	53.33 -1.65 0.00	53.18 -1.64 0.00	53.67 -1.37 0.00	58.17 -2.68 0.00	83.21 -3.20 0.00	101.43 -2.92 0.00	79.68 -2.64 0.00	68.87 -1.98 0.00	67.26 -2.66 0.00	59.60 -3.00 0.00	56.20 -2.89 -0.09	59.74 -3.28 0.00	65.21 -3.14 0.00	80.47 -3.35 -0.09	87.03 -3.63 0.00	116.75 -5.00 0.00	122.55 -4.31 0.00	97.59 -3.02 0.00	87.37 -2.98 0.00	78.19 -2.25 0.00	81.13 -2.08 0.00	74.66 -0.07 0.00
HARDSCRABBLE_WT_PWR 323673	56.11 0.61 0.00	55.93 0.67 0.00	55.64 0.66 0.00	55.37 0.55 0.00	55.71 0.66 0.00	61.76 0.91 0.00	87.88 1.47 0.00	106.32 1.98 0.00	83.88 1.56 0.00	72.20 1.34 0.00	71.10 1.19 0.00	63.80 1.19 0.00	60.07 1.06 0.00	64.21 1.19 0.00	69.65 1.30 0.00	85.66 1.93 0.00	93.01 2.35 0.00	124.79 3.04 0.00	130.04 3.17 0.00	103.12 2.52 0.00	92.52 2.16 0.00	82.46 2.01 0.00	85.29 2.08 0.00	76.68 1.94 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	65.83 3.94 -6.38	58.80 3.54 0.00	58.23 3.24 0.00	57.89 3.07 0.00	58.34 3.30 0.00	64.86 4.02 0.00	92.28 5.88 0.00	111.86 7.51 0.00	88.41 6.09 0.00	76.03 5.17 0.00	74.88 4.96 0.00	60.17 4.63 7.07	58.52 4.37 4.86	60.93 4.47 6.56	73.21 4.85 0.00	89.93 6.20 0.00	97.64 6.98 0.00	131.36 9.62 0.00	136.63 9.77 0.00	108.15 7.55 0.00	97.31 6.96 0.00	86.32 5.87 0.00	88.78 5.57 0.00	79.22 4.48 0.00
HARSNRAD_115KV_TB1 81005	52.87 -3.72 -1.09	51.56 -3.70 0.00	51.24 -3.74 0.00	51.04 -3.78 0.00	51.57 -3.47 0.00	57.87 -2.98 0.00	80.79 -5.62 0.00	87.09 -9.81 7.45	73.77 -8.40 0.15	63.27 -7.58 0.00	62.92 -6.99 0.00	56.12 -6.20 0.29	53.04 -5.96 0.00	57.26 -5.48 0.27	62.00 -6.36 0.00	74.87 -8.71 0.15	82.07 -8.43 0.15	110.43 -11.08 0.24	92.38 -12.31 22.18	89.14 -10.66 0.80	69.58 -10.57 10.20	71.05 -9.25 0.14	75.97 -7.24 0.00	69.65 -5.08 0.00
HARZA MOOSE___RIVER 24016	55.88 0.11 -0.27	55.32 0.06 0.00	55.04 0.05 0.00	54.76 -0.05 0.00	55.26 0.22 0.00	61.21 0.37 0.00	87.88 1.47 0.00	106.85 2.50 0.00	83.97 1.65 0.00	72.34 1.49 0.00	70.55 0.63 0.00	62.98 0.38 0.00	59.33 0.24 -0.08	63.27 0.25 0.00	68.84 0.48 0.00	84.85 1.09 -0.03	92.29 1.63 0.00	123.82 2.07 0.00	129.53 2.66 0.00	103.12 2.52 0.00	92.43 2.08 0.00	82.38 1.93 0.00	85.04 1.83 0.00	76.68 1.94 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	55.36 -0.83 -0.69	54.27 -0.99 0.00	53.88 -1.10 0.00	53.72 -1.10 0.00	54.05 -0.99 0.00	60.18 -0.67 0.00	85.72 -0.69 0.00	103.30 -1.04 0.00	81.33 -0.99 0.00	69.86 -0.99 0.00	68.87 -1.05 0.00	61.61 -1.00 0.00	58.28 -0.94 -0.21	62.13 -0.88 0.00	67.33 -1.03 0.00	82.56 -1.17 0.00	89.75 -0.91 0.00	120.77 -0.97 0.00	125.85 -1.01 0.00	99.60 -1.01 0.00	89.18 -1.17 0.00	79.24 -1.21 0.00	82.13 -1.08 0.00	73.76 -0.97 0.00
HELLGATE_13_KV_LD 55870	67.61 5.22 -6.89	60.08 4.81 -0.01	59.44 4.45 -0.01	59.05 4.22 -0.01	59.51 4.46 -0.01	66.09 5.23 -0.01	93.58 7.17 0.00	113.64 9.29 0.00	90.15 7.82 -0.01	77.74 6.87 -0.01	76.50 6.57 -0.01	72.84 6.26 -3.97	71.00 5.96 -6.03	72.81 6.11 -3.68	74.72 6.36 -0.01	91.61 7.87 0.00	99.18 8.52 0.00	133.32 11.57 0.00	138.54 11.67 0.00	109.86 9.26 0.00	99.03 8.67 0.00	87.69 7.24 0.00	90.12 6.91 0.00	80.27 5.53 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	67.61 5.22 -6.89	60.08 4.81 -0.01	59.44 4.45 -0.01	59.05 4.22 -0.01	59.51 4.46 -0.01	66.09 5.23 -0.01	93.58 7.17 0.00	113.64 9.29 0.00	90.15 7.82 -0.01	77.74 6.87 -0.01	76.50 6.57 -0.01	72.84 6.26 -3.97	71.00 5.96 -6.03	72.81 6.11 -3.68	74.72 6.36 -0.01	91.61 7.87 0.00	99.18 8.52 0.00	133.32 11.57 0.00	138.54 11.67 0.00	109.86 9.26 0.00	99.03 8.67 0.00	87.69 7.24 0.00	90.12 6.91 0.00	80.27 5.53 0.00
HEMPSTEAD____ 23647	67.94 5.55 -6.89	60.40 5.14 0.00	59.43 4.45 0.00	59.04 4.22 0.00	59.39 4.35 0.00	66.02 5.17 0.00	94.27 7.86 0.00	114.58 10.23 0.00	90.55 8.23 0.00	77.80 6.95 0.00	76.71 6.78 -0.01	72.98 6.39 -3.98	71.08 6.02 -6.05	73.01 6.30 -3.69	75.00 6.63 -0.01	100.94 8.12 -9.09	134.57 8.98 -34.94	148.29 12.29 -14.25	141.31 12.44 -2.01	134.68 9.86 -24.22	130.88 9.03 -31.49	131.42 7.65 -43.33	102.31 7.57 -11.53	86.99 6.28 -5.97
HEWLETT_69_KV_BK3 55828	68.60 6.22 -6.89	61.01 5.75 0.00	60.04 5.06 0.00	59.53 4.71 0.00	59.94 4.90 0.00	66.69 5.84 0.00	95.22 8.81 0.00	115.72 11.37 0.00	91.46 9.14 0.00	78.44 7.58 0.00	77.27 7.34 -0.01	73.54 6.95 -3.98	71.67 6.61 -6.05	73.64 6.93 -3.69	75.69 7.31 -0.01	101.86 9.04 -9.09	135.38 9.79 -34.93	149.27 13.27 -14.25	142.45 13.57 -2.00	135.48 10.66 -24.21	131.60 9.76 -31.49	132.05 8.29 -43.32	103.48 8.74 -11.53	87.96 7.25 -5.97
HICKLING___1 23621	56.73 -0.67 -1.89	55.48 0.22 0.00	54.98 0.00 0.00	54.82 0.00 0.00	55.37 0.33 0.00	62.00 1.16 0.00	88.22 1.81 0.00	105.34 1.04 0.05	82.49 0.16 0.00	70.50 -0.35 0.00	69.57 -0.35 0.00	61.65 -0.44 0.52	57.95 -1.12 -0.07	62.54 0.00 0.48	68.36 0.00 0.00	83.56 -0.17 0.00	91.47 0.82 0.00	123.45 1.70 0.00	127.60 1.01 0.28	101.00 0.40 0.01	90.13 -0.09 0.13	80.45 0.00 0.00	84.12 0.92 0.00	75.93 1.20 0.00
HICKLING___2 23622	56.73 -0.67 -1.89	55.48 0.22 0.00	54.98 0.00 0.00	54.82 0.00 0.00	55.37 0.33 0.00	62.00 1.16 0.00	88.22 1.81 0.00	105.34 1.04 0.05	82.49 0.16 0.00	70.50 -0.35 0.00	69.57 -0.35 0.00	61.65 -0.44 0.52	57.95 -1.12 -0.07	62.54 0.00 0.48	68.36 0.00 0.00	83.56 -0.17 0.00	91.47 0.82 0.00	123.45 1.70 0.00	127.60 1.01 0.28	101.00 0.40 0.01	90.13 -0.09 0.13	80.45 0.00 0.00	84.12 0.92 0.00	75.93 1.20 0.00
HIGH FALLS___HY 23754	67.94 5.61 -6.83	60.29 5.03 0.00	59.77 4.78 0.00	59.42 4.60 0.00	59.94 4.90 0.00	66.75 5.90 0.00	95.31 8.90 0.00	115.41 11.06 0.00	91.13 8.81 0.00	78.01 7.16 0.00	76.56 6.64 0.00	67.55 5.89 0.95	65.74 5.49 -1.24	67.81 5.67 0.88	74.85 6.49 0.00	92.36 8.62 0.00	100.81 10.15 0.00	136.11 14.37 0.00	141.46 14.59 0.00	111.67 11.07 0.00	100.29 9.94 0.00	88.97 8.53 0.00	91.61 8.40 0.00	81.61 6.88 0.00
HIGH_RIVER___SOLAR 323847	68.03 2.88 -9.65	58.08 2.82 0.00	57.57 2.58 0.00	57.17 2.36 0.00	57.58 2.53 0.00	64.13 3.28 0.00	91.51 5.10 0.00	110.29 5.94 0.00	86.60 4.28 0.00	73.83 2.98 0.00	72.29 2.38 0.00	65.70 2.00 -1.09	64.89 1.77 -4.11	66.05 2.02 -1.01	70.68 2.33 0.00	87.75 4.02 0.00	95.55 4.89 0.00	128.56 6.81 0.00	134.22 7.36 0.00	106.43 5.83 0.00	95.77 5.42 0.00	85.11 4.66 0.00	87.86 4.66 0.00	78.69 3.96 0.00

HILLBURN___GT 23639	65.92 3.94 -6.48	58.85 3.59 0.00	58.17 3.19 0.00	57.83 3.01 0.00	58.29 3.25 0.00	64.74 3.90 0.00	92.11 5.70 0.00	111.86 7.52 0.00	88.41 6.09 0.00	76.10 5.24 0.00	74.88 4.96 0.00	60.32 4.76 7.05	58.69 4.48 4.80	61.08 4.60 6.53	73.14 4.78 0.00	89.84 6.11 0.00	97.46 6.80 0.00	130.99 9.25 0.00	136.25 9.39 0.00	108.05 7.44 0.00	97.22 6.86 0.00	86.16 5.71 0.00	88.61 5.41 0.00	79.07 4.33 0.00
HILLSIDE_115KV_TB1 80332	56.24 -1.22 -1.96	54.93 -0.33 0.00	54.49 -0.49 0.00	54.33 -0.49 0.00	54.82 -0.22 0.00	61.27 0.43 0.00	87.19 0.78 0.00	104.10 -0.21 0.04	81.58 -0.74 0.00	69.79 -1.06 0.00	68.94 -0.98 0.00	61.07 -1.00 0.54	57.43 -1.65 -0.07	61.89 -0.63 0.50	67.67 -0.68 0.00	82.73 -1.00 0.00	90.39 -0.27 0.00	121.75 0.00 0.00	125.85 -0.76 0.25	99.69 -0.91 0.01	89.06 -1.17 0.11	79.56 -0.88 0.00	83.04 -0.17 0.00	74.96 0.22 0.00
HISHELDN_WT_PWR 323625	53.70 -3.11 -1.31	53.10 -2.16 0.00	52.68 -2.31 0.00	52.46 -2.36 0.00	53.11 -1.93 0.00	59.57 -1.28 0.00	83.90 -2.51 0.00	98.42 -5.64 0.30	77.30 -5.02 0.00	65.97 -4.89 0.00	65.51 -4.40 0.00	58.32 -3.94 0.35	54.29 -4.72 -0.01	59.54 -3.15 0.33	64.73 -3.63 0.00	78.37 -5.36 0.00	86.13 -4.53 0.00	116.51 -5.23 0.00	120.49 -5.45 0.93	94.74 -5.84 0.02	83.60 -6.33 0.42	75.13 -5.31 0.00	79.72 -3.49 0.00	72.72 -2.01 0.00
HOLTSVILLE_IC_1 23690	68.99 6.60 -6.89	61.39 6.13 0.00	60.21 5.23 0.00	59.81 4.99 0.00	60.10 5.06 0.00	66.93 6.08 0.00	96.26 9.85 0.00	116.97 12.62 0.00	92.44 10.12 0.00	79.14 8.29 0.00	78.18 8.25 -0.01	74.29 7.70 -3.98	72.25 7.20 -6.05	74.40 7.69 -3.69	76.50 8.13 -0.01	103.12 10.30 -9.10	136.84 11.24 -34.94	151.82 15.82 -14.25	144.86 15.99 -2.01	137.19 12.37 -24.22	133.14 11.29 -31.50	133.42 9.65 -43.33	104.39 9.65 -11.53	89.00 8.29 -5.97
HOLTSVILLE_IC_10 23699	69.32 6.94 -6.89	61.67 6.41 0.00	60.48 5.50 0.00	60.08 5.26 0.00	60.38 5.34 0.00	67.23 6.39 0.00	96.77 10.36 0.00	117.71 13.36 0.00	93.02 10.70 0.00	79.50 8.64 0.00	78.67 8.74 -0.01	74.67 8.08 -3.98	72.61 7.55 -6.05	74.78 8.07 -3.69	76.92 8.54 -0.01	103.71 10.88 -9.10	137.66 12.06 -34.94	152.91 16.92 -14.25	145.88 17.01 -2.01	138.00 13.18 -24.22	133.87 12.02 -31.50	133.99 10.22 -43.33	104.97 10.23 -11.53	89.52 8.81 -5.97
HOLTSVILLE_IC_2 23691	68.99 6.60 -6.89	61.39 6.13 0.00	60.21 5.23 0.00	59.81 4.99 0.00	60.10 5.06 0.00	66.93 6.08 0.00	96.26 9.85 0.00	116.97 12.62 0.00	92.44 10.12 0.00	79.14 8.29 0.00	78.18 8.25 -0.01	74.29 7.70 -3.98	72.25 7.20 -6.05	74.40 7.69 -3.69	76.50 8.13 -0.01	103.12 10.30 -9.10	136.84 11.24 -34.94	151.82 15.82 -14.25	144.86 15.99 -2.01	137.19 12.37 -24.22	133.14 11.29 -31.50	133.42 9.65 -43.33	104.39 9.65 -11.53	89.00 8.29 -5.97
HOLTSVILLE_IC_3 23692	68.99 6.60 -6.89	61.39 6.13 0.00	60.21 5.23 0.00	59.81 4.99 0.00	60.10 5.06 0.00	66.93 6.08 0.00	96.26 9.85 0.00	116.97 12.62 0.00	92.44 10.12 0.00	79.14 8.29 0.00	78.18 8.25 -0.01	74.29 7.70 -3.98	72.25 7.20 -6.05	74.40 7.69 -3.69	76.50 8.13 -0.01	103.12 10.30 -9.10	136.84 11.24 -34.94	151.82 15.82 -14.25	144.86 15.99 -2.01	137.19 12.37 -24.22	133.14 11.29 -31.50	133.42 9.65 -43.33	104.39 9.65 -11.53	89.00 8.29 -5.97
HOLTSVILLE_IC_4 23693	68.99 6.60 -6.89	61.39 6.13 0.00	60.21 5.23 0.00	59.81 4.99 0.00	60.10 5.06 0.00	66.93 6.08 0.00	96.26 9.85 0.00	116.97 12.62 0.00	92.44 10.12 0.00	79.14 8.29 0.00	78.18 8.25 -0.01	74.29 7.70 -3.98	72.25 7.20 -6.05	74.40 7.69 -3.69	76.50 8.13 -0.01	103.12 10.30 -9.10	136.84 11.24 -34.94	151.82 15.82 -14.25	144.86 15.99 -2.01	137.19 12.37 -24.22	133.14 11.29 -31.50	133.42 9.65 -43.33	104.39 9.65 -11.53	89.00 8.29 -5.97
HOLTSVILLE_IC_5 23694	68.99 6.60 -6.89	61.39 6.13 0.00	60.21 5.23 0.00	59.81 4.99 0.00	60.10 5.06 0.00	66.93 6.08 0.00	96.26 9.85 0.00	116.97 12.62 0.00	92.44 10.12 0.00	79.14 8.29 0.00	78.18 8.25 -0.01	74.29 7.70 -3.98	72.25 7.20 -6.05	74.40 7.69 -3.69	76.50 8.13 -0.01	103.12 10.30 -9.10	136.84 11.24 -34.94	151.82 15.82 -14.25	144.86 15.99 -2.01	137.19 12.37 -24.22	133.14 11.29 -31.50	133.42 9.65 -43.33	104.39 9.65 -11.53	89.00 8.29 -5.97
HOLTSVILLE_IC_6 23695	69.32 6.94 -6.89	61.67 6.41 0.00	60.48 5.50 0.00	60.08 5.26 0.00	60.38 5.34 0.00	67.23 6.39 0.00	96.77 10.36 0.00	117.71 13.36 0.00	93.02 10.70 0.00	79.50 8.64 0.00	78.67 8.74 -0.01	74.67 8.08 -3.98	72.61 7.55 -6.05	74.78 8.07 -3.69	76.92 8.54 -0.01	103.71 10.88 -9.10	137.66 12.06 -34.94	152.91 16.92 -14.25	145.88 17.01 -2.01	138.00 13.18 -24.22	133.87 12.02 -31.50	133.99 10.22 -43.33	104.97 10.23 -11.53	89.52 8.81 -5.97
HOLTSVILLE_IC_7 23696	69.32 6.94 -6.89	61.67 6.41 0.00	60.48 5.50 0.00	60.08 5.26 0.00	60.38 5.34 0.00	67.23 6.39 0.00	96.77 10.36 0.00	117.71 13.36 0.00	93.02 10.70 0.00	79.50 8.64 0.00	78.67 8.74 -0.01	74.67 8.08 -3.98	72.61 7.55 -6.05	74.78 8.07 -3.69	76.92 8.54 -0.01	103.71 10.88 -9.10	137.66 12.06 -34.94	152.91 16.92 -14.25	145.88 17.01 -2.01	138.00 13.18 -24.22	133.87 12.02 -31.50	133.99 10.22 -43.33	104.97 10.23 -11.53	89.52 8.81 -5.97
HOLTSVILLE_IC_8 23697	69.32 6.94 -6.89	61.67 6.41 0.00	60.48 5.50 0.00	60.08 5.26 0.00	60.38 5.34 0.00	67.23 6.39 0.00	96.77 10.36 0.00	117.71 13.36 0.00	93.02 10.70 0.00	79.50 8.64 0.00	78.67 8.74 -0.01	74.67 8.08 -3.98	72.61 7.55 -6.05	74.78 8.07 -3.69	76.92 8.54 -0.01	103.71 10.88 -9.10	137.66 12.06 -34.94	152.91 16.92 -14.25	145.88 17.01 -2.01	138.00 13.18 -24.22	133.87 12.02 -31.50	133.99 10.22 -43.33	104.97 10.23 -11.53	89.52 8.81 -5.97
HOLTSVILLE_IC_9 23698	69.32 6.94 -6.89	61.67 6.41 0.00	60.48 5.50 0.00	60.08 5.26 0.00	60.38 5.34 0.00	67.23 6.39 0.00	96.77 10.36 0.00	117.71 13.36 0.00	93.02 10.70 0.00	79.50 8.64 0.00	78.67 8.74 -0.01	74.67 8.08 -3.98	72.61 7.55 -6.05	74.78 8.07 -3.69	76.92 8.54 -0.01	103.71 10.88 -9.10	137.66 12.06 -34.94	152.91 16.92 -14.25	145.88 17.01 -2.01	138.00 13.18 -24.22	133.87 12.02 -31.50	133.99 10.22 -43.33	104.97 10.23 -11.53	89.52 8.81 -5.97
HOMER_HL_115KV_TB2 355744	52.52 -4.33 -1.35	55.15 -0.11 0.00	54.82 -0.16 0.00	54.54 -0.27 0.00	55.10 0.06 0.00	61.88 1.03 0.00	87.62 1.21 0.00	103.35 -0.94 0.06	80.59 -1.73 0.00	68.73 -2.13 0.00	68.38 -1.54 0.00	60.81 -1.44 0.36	55.06 -3.95 -0.01	62.05 -0.63 0.34	67.40 -0.96 0.00	81.81 -1.93 0.00	89.66 -1.00 0.00	120.77 -0.97 0.00	122.59 -3.81 0.48	97.37 -3.22 0.01	86.97 -3.16 0.22	78.27 -2.17 0.00	83.04 -0.17 0.00	75.41 0.67 0.00
HOWARD_WT_PWR 323690	55.39 -1.66 -1.56	54.71 -0.55 0.00	54.32 -0.66 0.00	54.16 -0.66 0.00	54.88 -0.16 0.00	61.64 0.79 0.00	87.79 1.38 0.00	104.33 0.10 0.12	81.75 -0.57 0.00	69.65 -1.20 0.00	68.87 -1.05 0.00	61.12 -1.06 0.42	57.05 -2.01 -0.05	62.37 -0.25 0.39	68.08 -0.27 0.00	82.98 -0.76 0.00	91.38 0.72 0.00	123.81 2.07 0.00	128.41 1.91 0.36	100.90 0.30 0.01	89.56 -0.63 0.17	80.13 -0.32 0.00	84.12 0.92 0.00	76.46 1.72 0.00

HQ_GEN_CEDARS 23644	53.79 -1.94 -0.23	53.55 -1.71 0.00	53.50 -1.48 0.00	53.45 -1.37 0.00	53.83 -1.21 0.00	57.26 -3.59 0.00	81.31 -5.10 0.00	98.92 -5.43 0.00	77.79 -4.53 0.00	67.53 -3.33 0.00	65.86 -4.06 0.00	58.54 -4.07 0.00	55.12 -3.95 -0.07	58.67 -4.35 0.00	64.05 -4.31 0.00	79.01 -4.86 -0.14	84.76 -5.89 0.00	113.71 -8.04 0.00	119.25 -7.61 0.00	94.87 -5.73 0.00	85.02 -5.33 0.00	76.26 -4.18 0.00	79.63 -3.58 0.00	74.51 -0.22 0.00
HQ_GEN_CEDARS_PROXY 323590	53.78 -1.94 -0.23	53.49 -1.77 0.00	53.50 -1.48 0.00	53.45 -1.37 0.00	53.78 -1.26 0.00	57.26 -3.59 0.00	81.31 -5.10 0.00	98.92 -5.43 0.00	77.79 -4.53 0.00	67.46 -3.40 0.00	66.07 -3.85 0.00	58.54 -4.07 0.00	55.24 -3.83 -0.07	58.67 -4.35 0.00	64.05 -4.30 0.00	79.01 -4.86 -0.14	84.77 -5.89 0.00	113.71 -8.04 0.00	119.38 -7.49 0.00	94.87 -5.73 0.00	85.02 -5.33 0.00	76.26 -4.19 0.00	79.63 -3.58 0.00	74.44 -0.30 0.00
HQ_GEN_IMPORT 323601	54.61 -0.89 0.00	54.60 -0.66 0.00	54.60 -0.38 0.00	54.60 -0.22 0.00	54.60 -0.44 0.00	59.81 -1.03 0.00	84.68 -1.73 0.00	102.36 -1.99 0.00	80.84 -1.48 0.00	69.65 -1.20 0.00	68.87 -1.05 0.00	61.54 -1.06 0.00	58.12 -0.88 0.00	61.95 -1.07 0.00	67.33 -1.02 0.00	82.30 -1.42 0.01	88.84 -1.81 0.00	119.31 -2.43 0.00	124.33 -2.54 0.00	98.59 -2.01 0.00	88.55 -1.81 0.00	79.00 -1.45 0.00	81.79 -1.42 0.00	73.62 -1.12 0.00
HQ_GEN_WHEEL 23651	54.61 -0.89 0.00	54.60 -0.66 0.00	54.60 -0.38 0.00	54.60 -0.22 0.00	54.60 -0.44 0.00	59.81 -1.03 0.00	84.68 -1.73 0.00	102.36 -1.99 0.00	80.84 -1.48 0.00	69.65 -1.20 0.00	68.87 -1.05 0.00	61.54 -1.06 0.00	58.12 -0.88 0.00	61.95 -1.07 0.00	67.33 -1.02 0.00	82.30 -1.42 0.01	88.84 -1.81 0.00	119.31 -2.43 0.00	124.33 -2.54 0.00	98.59 -2.01 0.00	88.55 -1.81 0.00	79.00 -1.45 0.00	81.79 -1.42 0.00	73.62 -1.12 0.00
HUDSON AVE_GT_3 23810	67.33 4.94 -6.89	59.79 4.53 0.00	59.11 4.12 0.00	58.71 3.89 0.00	59.17 4.13 0.00	65.71 4.87 0.00	93.24 6.83 0.00	113.43 9.08 0.00	89.81 7.49 0.00	77.45 6.59 0.00	76.21 6.29 0.00	72.51 5.95 -3.96	70.76 5.72 -6.02	72.55 5.86 -3.67	74.37 6.02 0.00	91.27 7.54 0.00	99.00 8.34 0.00	133.07 11.32 0.00	138.41 11.54 0.00	109.66 9.05 0.00	98.66 8.31 0.00	87.36 6.92 0.00	89.86 6.66 0.00	79.97 5.23 0.00
HUDSON AVE_GT_4 23540	67.33 4.94 -6.89	59.79 4.53 0.00	59.11 4.12 0.00	58.71 3.89 0.00	59.17 4.13 0.00	65.71 4.87 0.00	93.24 6.83 0.00	113.43 9.08 0.00	89.81 7.49 0.00	77.45 6.59 0.00	76.21 6.29 0.00	72.51 5.95 -3.96	70.76 5.72 -6.02	72.55 5.86 -3.67	74.37 6.02 0.00	91.27 7.54 0.00	99.00 8.34 0.00	133.07 11.32 0.00	138.41 11.54 0.00	109.66 9.05 0.00	98.66 8.31 0.00	87.36 6.92 0.00	89.86 6.66 0.00	79.97 5.23 0.00
HUDSON AVE_GT_5 23657	67.33 4.94 -6.89	59.79 4.53 0.00	59.11 4.12 0.00	58.71 3.89 0.00	59.17 4.13 0.00	65.71 4.87 0.00	93.24 6.83 0.00	113.43 9.08 0.00	89.81 7.49 0.00	77.45 6.59 0.00	76.21 6.29 0.00	72.51 5.95 -3.96	70.76 5.72 -6.02	72.55 5.86 -3.67	74.37 6.02 0.00	91.27 7.54 0.00	99.00 8.34 0.00	133.07 11.32 0.00	138.41 11.54 0.00	109.66 9.05 0.00	98.66 8.31 0.00	87.36 6.92 0.00	89.86 6.66 0.00	79.97 5.23 0.00
HUDSON_AVE_10 24168	67.21 4.83 -6.89	59.63 4.37 0.00	59.00 4.01 0.00	58.60 3.78 0.00	59.06 4.02 0.00	65.59 4.75 0.00	92.98 6.57 0.00	113.11 8.77 0.00	89.65 7.33 0.00	77.30 6.45 0.00	76.00 6.08 0.00	72.39 5.82 -3.96	70.58 5.55 -6.02	72.36 5.67 -3.67	74.24 5.88 0.00	91.02 7.28 0.00	98.73 8.07 0.00	132.82 11.08 0.00	138.16 11.29 0.00	109.45 8.85 0.00	98.48 8.13 0.00	87.20 6.76 0.00	89.70 6.49 0.00	79.82 5.08 0.00
HUDSON___115KV_TB 4 355613	66.94 2.66 -8.77	58.13 2.87 0.00	57.62 2.64 0.00	57.23 2.41 0.00	57.63 2.59 0.00	64.13 3.29 0.00	91.16 4.75 0.00	109.77 5.43 0.00	86.36 4.03 0.00	74.12 3.26 0.00	73.41 3.50 0.00	67.15 3.44 -1.10	66.04 3.19 -3.85	67.50 3.47 -1.02	71.84 3.49 0.00	88.25 4.52 0.00	95.64 4.99 0.00	128.68 6.94 0.00	134.22 7.36 0.00	106.34 5.73 0.00	95.68 5.33 0.00	85.19 4.75 0.00	87.87 4.66 0.00	79.00 4.26 0.00
HUNTER MOUNT___DRP 323613	66.76 2.78 -8.49	58.47 3.21 0.00	58.06 3.08 0.00	57.67 2.85 0.00	58.07 3.03 0.00	64.62 3.77 0.00	92.03 5.62 0.00	110.61 6.26 0.00	86.93 4.61 0.00	74.40 3.54 0.00	73.69 3.78 0.00	67.28 3.82 -0.85	66.00 3.48 -3.51	67.58 3.78 -0.79	72.19 3.83 0.00	88.84 5.11 0.00	96.46 5.80 0.00	130.02 8.28 0.00	135.49 8.63 0.00	107.24 6.64 0.00	96.32 5.96 0.00	85.92 5.47 0.00	88.70 5.49 0.00	79.67 4.93 0.00
HUNTINGTON_RES_REC 323705	68.99 6.60 -6.89	61.34 6.08 0.00	60.21 5.23 0.00	59.75 4.94 0.00	60.10 5.06 0.00	66.87 6.03 0.00	96.08 9.68 0.00	116.76 12.41 0.00	92.28 9.96 0.00	79.07 8.22 0.00	78.04 8.11 -0.01	74.10 7.51 -3.98	72.13 7.08 -6.05	74.21 7.50 -3.69	76.30 7.93 -0.01	102.87 10.04 -9.10	136.74 11.15 -34.94	150.84 14.85 -14.25	143.97 15.09 -2.01	136.99 12.17 -24.22	133.05 11.20 -31.50	133.34 9.57 -43.33	104.22 9.48 -11.53	88.78 8.07 -5.97
HUNTLEY___63 23557	53.58 -3.05 -1.13	52.44 -2.82 0.00	52.18 -2.80 0.00	51.86 -2.96 0.00	52.40 -2.64 0.00	58.84 -2.01 0.00	82.26 -4.15 0.00	96.67 -8.24 -0.57	75.25 -7.08 -0.01	64.41 -6.45 0.00	64.04 -5.87 0.00	57.11 -5.20 0.30	53.87 -5.13 0.01	58.39 -4.35 0.28	63.16 -5.20 0.00	76.29 -7.45 -0.01	83.60 -7.07 -0.01	113.00 -8.77 -0.02	118.09 -10.02 -1.25	91.80 -8.85 -0.05	81.89 -9.04 -0.58	72.73 -7.72 -0.01	77.55 -5.66 0.00	70.77 -3.96 0.00
HUNTLEY___64 23558	53.58 -3.05 -1.13	52.44 -2.82 0.00	52.18 -2.80 0.00	51.86 -2.96 0.00	52.40 -2.64 0.00	58.84 -2.01 0.00	82.26 -4.15 0.00	96.67 -8.24 -0.57	75.25 -7.08 -0.01	64.41 -6.45 0.00	64.04 -5.87 0.00	57.11 -5.20 0.30	53.87 -5.13 0.01	58.39 -4.35 0.28	63.16 -5.20 0.00	76.29 -7.45 -0.01	83.60 -7.07 -0.01	113.00 -8.77 -0.02	118.09 -10.02 -1.25	91.80 -8.85 -0.05	81.89 -9.04 -0.58	72.73 -7.72 -0.01	77.55 -5.66 0.00	70.77 -3.96 0.00
HUNTLEY___65 23559	53.58 -3.05 -1.13	52.44 -2.82 0.00	52.18 -2.80 0.00	51.86 -2.96 0.00	52.40 -2.64 0.00	58.84 -2.01 0.00	82.26 -4.15 0.00	96.67 -8.24 -0.57	75.25 -7.08 -0.01	64.41 -6.45 0.00	64.04 -5.87 0.00	57.11 -5.20 0.30	53.87 -5.13 0.01	58.39 -4.35 0.28	63.16 -5.20 0.00	76.29 -7.45 -0.01	83.60 -7.07 -0.01	113.00 -8.77 -0.02	118.09 -10.02 -1.25	91.80 -8.85 -0.05	81.89 -9.04 -0.58	72.73 -7.72 -0.01	77.55 -5.66 0.00	70.77 -3.96 0.00
HUNTLEY___66 23560	53.58 -3.05 -1.13	52.44 -2.82 0.00	52.18 -2.80 0.00	51.86 -2.96 0.00	52.40 -2.64 0.00	58.84 -2.01 0.00	82.26 -4.15 0.00	96.67 -8.24 -0.57	75.25 -7.08 -0.01	64.41 -6.45 0.00	64.04 -5.87 0.00	57.11 -5.20 0.30	53.87 -5.13 0.01	58.39 -4.35 0.28	63.16 -5.20 0.00	76.29 -7.45 -0.01	83.60 -7.07 -0.01	113.00 -8.77 -0.02	118.09 -10.02 -1.25	91.80 -8.85 -0.05	81.89 -9.04 -0.58	72.73 -7.72 -0.01	77.55 -5.66 0.00	70.77 -3.96 0.00

HUNTLEY___67 23561	53.21 -3.44 -1.15	52.17 -3.09 0.00	51.85 -3.13 0.00	51.64 -3.18 0.00	52.18 -2.86 0.00	58.53 -2.31 0.00	82.17 -4.23 0.00	95.93 -8.14 0.27	75.24 -7.08 0.01	64.33 -6.52 0.00	63.97 -5.94 0.00	57.04 -5.26 0.31	53.74 -5.25 0.01	58.32 -4.41 0.29	63.16 -5.20 0.00	76.36 -7.37 0.01	83.67 -6.98 0.01	113.22 -8.52 0.01	115.88 -9.90 1.09	91.92 -8.65 0.03	81.18 -8.67 0.50	72.88 -7.56 0.00	77.72 -5.49 0.00	70.85 -3.89 0.00
HUNTLEY___68 23562	53.21 -3.44 -1.15	52.17 -3.09 0.00	51.85 -3.13 0.00	51.64 -3.18 0.00	52.18 -2.86 0.00	58.53 -2.31 0.00	82.17 -4.23 0.00	95.93 -8.14 0.27	75.24 -7.08 0.01	64.33 -6.52 0.00	63.97 -5.94 0.00	57.04 -5.26 0.31	53.74 -5.25 0.01	58.32 -4.41 0.29	63.16 -5.20 0.00	76.36 -7.37 0.01	83.67 -6.98 0.01	113.22 -8.52 0.01	115.88 -9.90 1.09	91.92 -8.65 0.03	81.18 -8.67 0.50	72.88 -7.56 0.00	77.72 -5.49 0.00	70.85 -3.89 0.00
HYLAND___LFGE 323620	55.50 -1.27 -1.28	53.88 -1.38 0.00	53.39 -1.60 0.00	53.39 -1.43 0.00	53.99 -1.05 0.00	60.66 -0.18 0.00	86.50 0.09 0.00	103.57 -0.73 0.05	80.92 -1.40 0.00	68.59 -2.27 0.00	67.40 -2.51 0.00	59.70 -2.57 0.34	56.05 -3.01 -0.05	60.44 -2.27 0.32	66.03 -2.32 0.00	75.53 -8.20 0.00	84.04 -6.61 0.00	112.98 -8.77 0.00	118.32 -8.38 0.17	92.65 -7.95 0.00	83.04 -7.23 0.08	73.85 -6.59 0.00	77.05 -6.16 0.00	74.51 -0.22 0.00
INDECK___CORINTH 23802	69.51 4.71 -9.29	59.96 4.69 0.00	59.32 4.34 0.00	58.77 3.95 0.00	59.17 4.13 0.00	66.20 5.36 0.00	94.71 8.30 0.00	114.05 9.71 0.00	89.57 7.25 0.00	76.67 5.81 0.00	75.23 5.31 0.00	68.52 4.63 -1.28	67.50 4.31 -4.18	68.94 4.73 -1.19	73.55 5.19 0.00	90.43 6.70 0.00	98.09 7.44 0.00	132.46 10.72 0.00	136.77 9.90 0.00	108.15 7.55 0.00	97.40 7.05 0.00	86.48 6.04 0.00	89.20 5.99 0.00	79.89 5.15 0.00
INDECK___ILION 23567	56.28 0.78 0.00	55.98 0.72 0.00	55.70 0.71 0.00	55.42 0.60 0.00	55.76 0.72 0.00	61.82 0.97 0.00	87.96 1.56 0.00	106.33 1.98 0.00	83.80 1.48 0.00	72.13 1.28 0.00	71.03 1.12 0.00	63.67 1.06 0.00	60.01 1.00 0.00	64.09 1.07 0.00	69.52 1.16 0.00	85.32 1.59 0.00	92.56 1.90 0.00	124.30 2.56 0.00	129.53 2.66 0.00	102.71 2.11 0.00	92.25 1.90 0.00	82.14 1.69 0.00	84.87 1.66 0.00	76.23 1.49 0.00
INDECK___OLEAN 23982	52.52 -4.33 -1.35	55.26 0.00 0.00	54.87 -0.11 0.00	54.55 -0.27 0.00	55.26 0.22 0.00	61.94 1.10 0.00	87.71 1.30 0.00	102.41 -1.77 0.16	80.59 -1.73 0.00	68.80 -2.06 0.00	68.38 -1.54 0.00	60.81 -1.44 0.36	54.77 -4.25 -0.01	62.05 -0.63 0.34	67.47 -0.89 0.00	81.72 -2.01 0.00	89.66 -1.00 0.00	120.77 -0.98 0.00	123.72 -2.67 0.48	97.37 -3.22 0.01	86.52 -3.62 0.22	78.28 -2.17 0.00	83.04 -0.17 0.00	75.56 0.82 0.00
INDECK___OSWEGO 23783	54.21 -1.89 -0.60	53.22 -2.04 0.00	52.84 -2.15 0.00	52.62 -2.19 0.00	53.01 -2.04 0.00	58.84 -2.01 0.00	83.73 -2.68 0.00	101.11 -3.24 0.00	79.61 -2.71 0.00	68.45 -2.41 0.00	67.40 -2.51 0.00	60.36 -2.25 0.00	57.01 -2.18 -0.18	60.75 -2.27 0.00	65.90 -2.46 0.00	80.81 -2.93 -0.01	87.85 -2.81 0.00	117.84 -3.90 0.00	122.93 -3.93 0.00	97.38 -3.22 0.00	87.28 -3.07 0.00	77.55 -2.89 0.00	80.29 -2.91 0.00	72.12 -2.62 0.00
INDECK___YERKES 23781	53.63 -3.00 -1.13	52.61 -2.65 0.00	52.23 -2.75 0.00	51.97 -2.85 0.00	52.68 -2.37 0.00	58.96 -1.89 0.00	82.26 -4.15 0.00	96.47 -8.35 -0.48	75.17 -7.16 -0.01	64.41 -6.45 0.00	64.11 -5.80 0.00	57.11 -5.20 0.30	53.39 -5.61 0.01	58.39 -4.35 0.28	63.30 -5.06 0.00	76.13 -7.62 -0.01	83.60 -7.07 -0.01	113.24 -8.53 -0.02	119.48 -8.63 -1.25	92.00 -8.65 -0.05	81.81 -9.12 -0.58	72.65 -7.80 -0.01	77.47 -5.74 0.00	70.93 -3.81 0.00
INDIAN POINT_GT_1 24139	66.48 4.16 -6.82	59.02 3.76 0.00	58.45 3.46 0.00	58.05 3.23 0.00	58.51 3.47 0.00	64.98 4.14 0.00	92.37 5.96 0.00	112.17 7.83 0.00	88.66 6.34 0.00	76.38 5.53 0.00	75.23 5.31 0.00	71.17 4.95 -3.62	69.40 4.72 -5.67	71.23 4.85 -3.36	73.42 5.06 0.00	90.10 6.36 0.00	97.73 7.07 0.00	131.49 9.74 0.00	136.76 9.90 0.00	108.35 7.75 0.00	97.58 7.23 0.00	86.48 6.03 0.00	88.95 5.74 0.00	79.37 4.63 0.00
INDIAN POINT_GT_2 23659	66.48 4.16 -6.82	59.02 3.76 0.00	58.45 3.46 0.00	58.05 3.23 0.00	58.51 3.47 0.00	64.98 4.14 0.00	92.37 5.96 0.00	112.17 7.83 0.00	88.66 6.34 0.00	76.38 5.53 0.00	75.23 5.31 0.00	71.17 4.95 -3.62	69.40 4.72 -5.67	71.23 4.85 -3.36	73.42 5.06 0.00	90.10 6.36 0.00	97.73 7.07 0.00	131.49 9.74 0.00	136.76 9.90 0.00	108.35 7.75 0.00	97.58 7.23 0.00	86.48 6.03 0.00	88.95 5.74 0.00	79.37 4.63 0.00
INDIAN POINT_GT_3 24019	66.48 4.16 -6.82	59.02 3.76 0.00	58.45 3.46 0.00	58.05 3.23 0.00	58.51 3.47 0.00	64.98 4.14 0.00	92.37 5.96 0.00	112.17 7.83 0.00	88.66 6.34 0.00	76.38 5.53 0.00	75.23 5.31 0.00	71.17 4.95 -3.62	69.40 4.72 -5.67	71.23 4.85 -3.36	73.42 5.06 0.00	90.10 6.36 0.00	97.73 7.07 0.00	131.49 9.74 0.00	136.76 9.90 0.00	108.35 7.75 0.00	97.58 7.23 0.00	86.48 6.03 0.00	88.95 5.74 0.00	79.37 4.63 0.00
INDIAN POINT___2 23530	66.22 4.00 -6.72	58.96 3.70 0.00	58.28 3.30 0.00	57.94 3.12 0.00	58.34 3.30 0.00	64.80 3.95 0.00	92.11 5.70 0.00	111.86 7.52 0.00	88.41 6.09 0.00	76.17 5.32 0.00	74.88 4.96 0.00	70.65 4.76 -3.29	68.87 4.54 -5.32	70.73 4.66 -3.05	73.21 4.85 0.00	89.93 6.20 0.00	97.46 6.80 0.00	130.99 9.25 0.00	136.25 9.39 0.00	108.05 7.44 0.00	97.22 6.86 0.00	86.24 5.80 0.00	88.70 5.49 0.00	79.14 4.41 0.00
INDIAN POINT___3 23531	66.32 4.00 -6.82	58.91 3.65 0.00	58.28 3.30 0.00	57.94 3.12 0.00	58.40 3.36 0.00	64.86 4.02 0.00	92.20 5.79 0.00	111.86 7.51 0.00	88.50 6.17 0.00	76.17 5.31 0.00	75.02 5.10 0.00	71.03 4.82 -3.60	69.27 4.60 -5.66	71.08 4.73 -3.34	73.28 4.92 0.00	89.93 6.20 0.00	97.55 6.89 0.00	131.12 9.37 0.00	136.51 9.64 0.00	108.05 7.44 0.00	97.31 6.96 0.00	86.24 5.79 0.00	88.78 5.57 0.00	79.22 4.48 0.00
INGHAM_C_115KV_TB7 356103	56.50 1.00 0.00	56.26 0.99 0.00	55.97 0.99 0.00	55.75 0.93 0.00	56.03 0.99 0.00	62.12 1.28 0.00	88.48 2.07 0.00	107.06 2.71 0.00	84.38 2.06 0.00	72.56 1.70 0.00	71.52 1.61 0.00	64.11 1.50 0.00	60.42 1.42 0.00	64.53 1.51 0.00	70.07 1.71 0.00	86.08 2.34 0.00	93.47 2.81 0.00	125.40 3.65 0.00	130.67 3.81 0.00	103.62 3.02 0.00	93.06 2.71 0.00	82.86 2.41 0.00	85.70 2.50 0.00	77.05 2.32 0.00
IP CORINTH___1 23988	69.51 4.72 -9.29	59.96 4.70 0.00	59.33 4.34 0.00	58.71 3.89 0.00	59.17 4.13 0.00	66.20 5.35 0.00	94.70 8.30 0.00	114.05 9.70 0.00	89.57 7.24 0.00	76.67 5.81 0.00	75.23 5.31 0.00	68.52 4.63 -1.28	67.56 4.37 -4.18	68.93 4.73 -1.19	73.55 5.20 0.00	90.43 6.70 0.00	98.09 7.43 0.00	132.46 10.71 0.00	136.89 10.02 0.00	108.15 7.55 0.00	97.40 7.05 0.00	86.48 6.03 0.00	89.20 5.99 0.00	79.89 5.16 0.00

IP__TICONDEROGA 23804	71.61 6.83 -9.28	62.06 6.80 0.00	61.31 6.32 0.00	60.52 5.70 0.00	61.04 6.00 0.00	68.64 7.79 0.00	98.59 12.18 0.00	118.54 14.19 0.00	92.94 10.62 0.00	79.29 8.43 0.00	77.54 7.62 0.00	70.16 6.26 -1.29	69.04 5.84 -4.19	70.58 6.36 -1.20	75.40 7.04 0.00	93.11 9.38 0.00	101.17 10.52 0.00	137.21 15.46 0.00	141.96 15.10 0.00	111.87 11.27 0.00	100.83 10.48 0.00	89.54 9.09 0.00	92.19 8.99 0.00	82.51 7.77 0.00
ISLIP_RES_REC 323679	69.60 7.21 -6.89	61.94 6.68 0.00	60.70 5.72 0.00	60.30 5.48 0.00	60.60 5.56 0.00	67.48 6.63 0.00	97.30 10.89 0.00	118.33 13.99 0.00	93.43 11.11 0.00	79.93 9.07 0.00	79.09 9.16 -0.01	75.04 8.45 -3.98	72.91 7.85 -6.05	75.09 8.38 -3.69	77.32 8.95 -0.01	104.13 11.30 -9.10	138.19 12.60 -34.94	153.77 17.77 -14.25	146.77 17.89 -2.01	138.71 13.89 -24.22	134.41 12.55 -31.50	134.48 10.70 -43.33	105.39 10.65 -11.53	89.90 9.19 -5.97
JAMAICA__27_KV_LOAD 355505	67.49 5.11 -6.89	59.96 4.70 0.00	59.22 4.23 0.00	58.82 4.00 0.00	59.34 4.29 0.00	65.84 4.99 0.00	93.49 7.09 0.00	113.84 9.50 0.00	90.22 7.90 0.00	77.87 7.01 0.00	76.28 6.36 0.00	72.64 6.07 -3.96	70.87 5.84 -6.02	72.67 5.99 -3.67	74.51 6.15 0.00	91.44 7.70 0.00	99.27 8.61 0.00	133.80 12.05 0.00	139.05 12.18 0.00	110.16 9.56 0.00	99.12 8.76 0.00	87.61 7.16 0.00	90.45 7.24 0.00	80.34 5.61 0.00
JANIS__SOLAR 323808	60.11 2.44 -2.17	57.80 2.54 0.00	57.29 2.31 0.00	57.07 2.25 0.00	57.63 2.59 0.00	64.44 3.59 0.00	92.46 6.05 0.00	127.52 23.17 0.00	98.46 16.14 0.00	82.97 12.11 0.00	80.12 10.21 0.00	69.37 8.20 1.43	65.48 6.84 0.37	69.88 8.19 1.33	78.41 10.05 0.00	98.47 14.74 0.00	110.60 19.94 0.00	130.99 9.25 0.00	136.89 10.02 0.00	108.05 7.44 0.00	96.67 6.32 0.00	85.92 5.47 0.00	88.70 5.49 0.00	79.67 4.93 0.00
JARVIS____ 23743	55.94 0.44 0.00	55.65 0.39 0.00	55.31 0.33 0.00	55.09 0.28 0.00	55.37 0.33 0.00	61.33 0.48 0.00	87.18 0.78 0.00	105.39 1.04 0.00	83.06 0.74 0.00	71.49 0.64 0.00	70.54 0.63 0.00	63.17 0.56 0.00	59.54 0.53 0.00	63.58 0.57 0.00	68.97 0.61 0.00	84.57 0.84 0.00	91.56 0.91 0.00	122.84 1.09 0.00	128.01 1.14 0.00	101.61 1.01 0.00	91.26 0.90 0.00	81.25 0.80 0.00	84.04 0.83 0.00	75.41 0.67 0.00
JENNISON__1 23625	61.36 2.89 -2.97	58.24 2.98 0.00	57.79 2.80 0.00	57.50 2.69 0.00	58.01 2.97 0.00	64.80 3.96 0.00	92.89 6.48 0.00	115.72 11.37 0.00	90.31 7.99 0.00	76.95 6.09 0.00	75.37 5.45 0.00	65.68 4.51 1.43	62.47 3.84 0.37	66.29 4.60 1.33	73.62 5.26 0.00	91.18 7.45 0.00	100.45 9.79 0.00	131.24 9.50 0.00	137.02 10.15 0.00	108.45 7.85 0.00	97.22 6.87 0.00	86.48 6.03 0.00	89.28 6.07 0.00	80.19 5.46 0.00
JENNISON__2 23626	61.36 2.89 -2.97	58.24 2.98 0.00	57.79 2.80 0.00	57.50 2.69 0.00	58.01 2.97 0.00	64.80 3.96 0.00	92.89 6.48 0.00	115.72 11.37 0.00	90.31 7.99 0.00	76.95 6.09 0.00	75.37 5.45 0.00	65.68 4.51 1.43	62.47 3.84 0.37	66.29 4.60 1.33	73.62 5.26 0.00	91.18 7.45 0.00	100.45 9.79 0.00	131.24 9.50 0.00	137.02 10.15 0.00	108.45 7.85 0.00	97.22 6.87 0.00	86.48 6.03 0.00	89.28 6.07 0.00	80.19 5.46 0.00
JERICHO_RISE_WT_PWR 323719	53.50 -2.00 0.00	53.71 -1.55 0.00	53.82 -1.16 0.00	54.10 -0.71 0.00	53.99 -1.05 0.00	58.60 -2.25 0.00	81.83 -4.58 0.00	98.51 -5.84 0.00	78.13 -4.20 0.00	67.25 -3.61 0.00	67.12 -2.80 0.00	59.54 -3.07 0.00	56.23 -2.77 0.00	59.68 -3.34 0.00	65.21 -3.14 0.00	78.91 -4.61 0.22	85.58 -5.08 0.00	114.93 -6.82 0.00	120.01 -6.85 0.00	95.17 -5.43 0.00	85.75 -4.60 0.00	76.91 -3.54 0.00	79.72 -3.49 0.00	72.05 -2.69 0.00
KATONAH__115KV_46KV_TB4 355592	67.30 4.83 -6.97	59.68 4.42 0.00	59.05 4.07 0.00	58.71 3.89 0.00	59.17 4.13 0.00	65.78 4.93 0.00	93.75 7.34 0.00	113.74 9.39 0.00	89.98 7.66 0.00	77.45 6.59 0.00	76.14 6.22 0.00	72.16 5.63 -3.92	70.33 5.31 -6.01	72.13 5.48 -3.63	74.24 5.88 0.00	91.10 7.37 0.00	98.82 8.16 0.00	133.19 11.44 0.00	138.54 11.67 0.00	109.76 9.15 0.00	98.94 8.58 0.00	87.69 7.24 0.00	90.11 6.91 0.00	80.49 5.75 0.00
KCE_NY_1 323755	69.19 4.44 -9.24	59.63 4.36 0.00	59.05 4.07 0.00	58.55 3.73 0.00	58.95 3.91 0.00	65.77 4.93 0.00	93.84 7.43 0.00	113.11 8.77 0.00	88.91 6.59 0.00	76.24 5.38 0.00	74.88 4.96 0.00	68.37 4.45 -1.32	67.34 4.13 -4.20	68.71 4.47 -1.22	73.28 4.92 0.00	90.18 6.45 0.00	97.82 7.16 0.00	131.73 9.99 0.00	135.74 8.88 0.00	107.54 6.94 0.00	96.86 6.51 0.00	86.08 5.63 0.00	88.78 5.58 0.00	79.59 4.86 0.00
KCE_NY_6_ESR 323823	53.59 -3.11 -1.20	53.38 -1.88 0.00	53.01 -1.98 0.00	52.74 -2.08 0.00	53.44 -1.60 0.00	59.87 -0.98 0.00	84.25 -2.16 0.00	98.44 -5.74 0.17	77.30 -5.02 0.00	66.11 -4.75 0.00	65.72 -4.19 0.00	58.53 -3.75 0.32	54.28 -4.72 0.01	59.82 -2.90 0.30	65.01 -3.35 0.00	78.37 -5.36 0.00	85.94 -4.72 0.00	116.51 -5.23 0.00	120.81 -5.58 0.47	94.45 -6.14 0.01	83.45 -6.69 0.21	74.97 -5.47 0.00	79.88 -3.33 0.00	72.87 -1.87 0.00
KEDC_PORT_JEFF_GT2 24210	69.32 6.94 -6.89	61.67 6.41 0.00	60.48 5.50 0.00	60.03 5.21 0.00	60.38 5.34 0.00	67.23 6.39 0.00	96.77 10.36 0.00	117.71 13.36 0.00	92.95 10.62 0.00	79.50 8.64 0.00	78.67 8.74 -0.01	74.67 8.08 -3.98	72.61 7.55 -6.05	74.78 8.07 -3.69	76.92 8.54 -0.01	103.63 10.81 -9.10	137.66 12.06 -34.94	152.91 16.92 -14.25	145.88 17.01 -2.01	138.00 13.18 -24.22	133.87 12.02 -31.50	133.99 10.22 -43.33	104.97 10.23 -11.53	89.52 8.81 -5.97
KEDC_PORT_JEFF_GT3 24211	69.32 6.94 -6.89	61.67 6.41 0.00	60.48 5.50 0.00	60.03 5.21 0.00	60.38 5.34 0.00	67.23 6.39 0.00	96.77 10.36 0.00	117.71 13.36 0.00	92.95 10.62 0.00	79.50 8.64 0.00	78.67 8.74 -0.01	74.67 8.08 -3.98	72.61 7.55 -6.05	74.78 8.07 -3.69	76.92 8.54 -0.01	103.63 10.81 -9.10	137.66 12.06 -34.94	152.91 16.92 -14.25	145.88 17.01 -2.01	138.00 13.18 -24.22	133.87 12.02 -31.50	133.99 10.22 -43.33	104.97 10.23 -11.53	89.52 8.81 -5.97
KEDC_GLWD_GT4 24219	67.83 5.44 -6.89	60.34 5.08 0.00	59.43 4.45 0.00	59.04 4.22 0.00	59.45 4.41 0.00	66.08 5.23 0.00	94.19 7.78 0.00	114.47 10.12 0.00	90.55 8.23 0.00	77.80 6.95 0.00	76.71 6.78 -0.01	72.98 6.39 -3.98	71.08 6.02 -6.05	73.01 6.30 -3.69	75.00 6.63 -0.01	101.11 8.29 -9.09	134.74 9.15 -34.93	148.42 12.42 -14.25	141.44 12.56 -2.01	134.78 9.96 -24.21	130.97 9.12 -31.49	131.49 7.72 -43.32	102.31 7.57 -11.53	86.91 6.20 -5.97
KEDC_GLWD_GT5 24220	67.83 5.44 -6.89	60.34 5.08 0.00	59.43 4.45 0.00	59.04 4.22 0.00	59.45 4.41 0.00	66.08 5.23 0.00	94.19 7.78 0.00	114.47 10.12 0.00	90.55 8.23 0.00	77.80 6.95 0.00	76.71 6.78 -0.01	72.98 6.39 -3.98	71.08 6.02 -6.05	73.01 6.30 -3.69	75.00 6.63 -0.01	101.11 8.29 -9.09	134.74 9.15 -34.93	148.42 12.42 -14.25	141.44 12.56 -2.01	134.78 9.96 -24.21	130.97 9.12 -31.49	131.49 7.72 -43.32	102.31 7.57 -11.53	86.91 6.20 -5.97

KENSICO____ 23655	66.76 4.38 -6.87	59.29 4.03 0.00	58.67 3.68 0.00	58.27 3.45 0.00	58.73 3.69 0.00	65.23 4.38 0.00	92.72 6.31 0.00	112.59 8.24 0.00	89.07 6.75 0.00	76.67 5.81 0.00	75.58 5.66 0.00	71.70 5.26 -3.83	69.92 5.02 -5.90	71.74 5.17 -3.55	73.76 5.40 0.00	90.51 6.78 0.00	98.18 7.52 0.00	132.09 10.35 0.00	137.40 10.53 0.00	108.85 8.25 0.00	97.94 7.59 0.00	86.80 6.36 0.00	89.28 6.07 0.00	79.67 4.93 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	67.40 5.38 -6.51	60.18 4.92 0.00	59.60 4.62 0.00	59.26 4.44 0.00	59.78 4.73 0.00	66.51 5.66 0.00	94.96 8.55 0.00	114.89 10.54 0.00	90.80 8.48 0.00	77.73 6.87 0.00	76.35 6.43 0.00	66.55 5.70 1.75	64.68 5.31 -0.36	66.94 5.55 1.62	74.58 6.22 0.00	92.02 8.29 0.00	100.36 9.70 0.00	135.50 13.76 0.00	140.82 13.96 0.00	111.27 10.66 0.00	99.93 9.58 0.00	88.73 8.29 0.00	91.28 8.07 0.00	81.46 6.73 0.00
KIAC_JFK_GT1 23816	67.33 4.94 -6.89	59.74 4.48 0.00	59.05 4.07 0.00	58.66 3.84 0.00	59.12 4.07 0.00	65.65 4.81 0.00	93.15 6.74 0.00	113.43 9.08 0.00	89.90 7.57 0.00	77.59 6.73 0.00	76.00 6.08 0.00	72.45 5.89 -3.96	70.64 5.61 -6.02	72.42 5.73 -3.67	74.24 5.88 0.00	91.10 7.37 0.00	98.91 8.25 0.00	133.19 11.44 0.00	138.54 11.67 0.00	109.76 9.15 0.00	98.76 8.40 0.00	87.28 6.84 0.00	90.11 6.91 0.00	80.04 5.31 0.00
KIAC_JFK_GT2 23817	67.33 4.94 -6.89	59.74 4.48 0.00	59.05 4.07 0.00	58.66 3.84 0.00	59.12 4.07 0.00	65.65 4.81 0.00	93.15 6.74 0.00	113.43 9.08 0.00	89.90 7.57 0.00	77.59 6.73 0.00	76.00 6.08 0.00	72.45 5.89 -3.96	70.64 5.61 -6.02	72.42 5.73 -3.67	74.24 5.88 0.00	91.10 7.37 0.00	98.91 8.25 0.00	133.19 11.44 0.00	138.54 11.67 0.00	109.76 9.15 0.00	98.76 8.40 0.00	87.28 6.84 0.00	90.11 6.91 0.00	80.04 5.31 0.00
KIAC_JFK____ 323774	67.32 4.94 -6.89	59.84 4.58 0.00	59.05 4.07 0.00	58.65 3.84 0.00	59.12 4.07 0.00	65.60 4.75 0.00	93.15 6.74 0.00	113.42 9.07 0.00	89.89 7.57 0.00	77.66 6.80 0.00	75.86 5.94 0.00	72.45 5.88 -3.96	70.70 5.67 -6.02	72.42 5.73 -3.67	74.16 5.81 0.00	91.10 7.37 0.00	98.91 8.25 0.00	133.19 11.44 0.00	138.41 11.54 0.00	109.76 9.15 0.00	98.76 8.40 0.00	87.28 6.83 0.00	90.11 6.90 0.00	80.04 5.31 0.00
KINTIGH____ 23543	53.65 -2.83 -0.98	51.56 -3.70 0.00	51.19 -3.79 0.00	51.04 -3.78 0.00	51.52 -3.52 0.00	57.68 -3.16 0.00	81.14 -5.27 0.00	95.26 -8.87 0.22	74.74 -7.57 0.01	64.06 -6.80 0.00	63.48 -6.43 0.00	56.72 -5.63 0.26	54.26 -4.84 -0.09	57.74 -5.04 0.24	62.55 -5.81 0.00	75.86 -7.87 0.01	83.04 -7.62 0.01	112.36 -9.37 0.01	116.52 -9.90 0.45	91.73 -8.85 0.02	81.20 -8.94 0.21	72.40 -8.04 0.00	76.63 -6.57 0.00	69.80 -4.93 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	54.28 -1.22 0.00	54.54 -0.72 0.00	54.54 -0.44 0.00	54.82 0.00 0.00	54.77 -0.28 0.00	59.39 -1.46 0.00	82.35 -4.06 0.00	98.71 -5.63 0.00	78.53 -3.79 0.00	67.88 -2.98 0.00	67.19 -2.73 0.00	60.35 -2.25 0.00	56.77 -2.24 0.00	60.56 -2.46 0.00	66.17 -2.19 0.00	79.34 -4.19 0.20	86.12 -4.53 0.00	115.78 -5.97 0.00	120.65 -6.22 0.00	95.77 -4.83 0.00	86.29 -4.07 0.00	77.47 -2.98 0.00	80.21 -3.00 0.00	72.72 -2.02 0.00
LACHUTE__HYDRO 323717	71.60 6.82 -9.28	62.11 6.85 0.00	61.30 6.32 0.00	60.57 5.75 0.00	61.04 6.00 0.00	68.64 7.79 0.00	98.60 12.19 0.00	118.54 14.19 0.00	92.95 10.62 0.00	79.28 8.43 0.00	77.47 7.55 0.00	70.16 6.26 -1.29	68.98 5.79 -4.19	70.58 6.36 -1.20	75.40 7.04 0.00	93.19 9.46 0.00	101.17 10.51 0.00	137.21 15.46 0.00	141.83 14.96 0.00	111.87 11.26 0.00	100.83 10.48 0.00	89.53 9.09 0.00	92.20 8.99 0.00	82.51 7.77 0.00
LAWRNCV_115KV_TB1 80681	53.79 -1.94 -0.23	53.55 -1.71 0.00	53.50 -1.48 0.00	53.45 -1.37 0.00	53.83 -1.21 0.00	57.26 -3.59 0.00	81.31 -5.10 0.00	98.92 -5.43 0.00	77.79 -4.53 0.00	67.53 -3.33 0.00	65.86 -4.06 0.00	58.54 -4.07 0.00	55.12 -3.95 -0.07	58.67 -4.35 0.00	64.05 -4.31 0.00	79.01 -4.86 -0.14	84.76 -5.89 0.00	113.71 -8.04 0.00	119.25 -7.61 0.00	94.87 -5.73 0.00	85.02 -5.33 0.00	76.26 -4.18 0.00	79.63 -3.58 0.00	74.51 -0.22 0.00
LEDERLE____ 23769	66.12 4.00 -6.63	58.85 3.59 0.00	58.28 3.30 0.00	57.89 3.07 0.00	58.34 3.30 0.00	64.86 4.02 0.00	92.28 5.88 0.00	111.96 7.62 0.00	88.50 6.17 0.00	76.17 5.31 0.00	75.02 5.10 0.00	60.42 4.76 6.95	58.89 4.54 4.66	61.24 4.66 6.44	73.28 4.92 0.00	89.93 6.20 0.00	97.64 6.98 0.00	131.36 9.62 0.00	136.63 9.77 0.00	108.15 7.55 0.00	97.31 6.96 0.00	86.32 5.87 0.00	88.78 5.57 0.00	79.22 4.48 0.00
LIGHTHSE_115KV_TB6 355974	55.05 -1.00 -0.55	54.04 -1.22 0.00	53.72 -1.26 0.00	53.50 -1.32 0.00	53.94 -1.10 0.00	59.93 -0.91 0.00	85.46 -0.95 0.00	103.51 -0.83 0.00	81.33 -0.99 0.00	70.01 -0.85 0.00	68.73 -1.19 0.00	61.36 -1.25 0.00	57.94 -1.24 -0.17	61.76 -1.26 0.00	67.06 -1.30 0.00	82.41 -1.34 -0.01	89.66 -1.00 0.00	120.53 -1.22 0.00	125.85 -1.01 0.00	99.90 -0.70 0.00	89.36 -0.99 0.00	79.64 -0.80 0.00	82.29 -0.92 0.00	74.06 -0.67 0.00
LINDEN COGEN____ 23786	66.99 4.60 -6.89	59.52 4.26 0.00	58.77 3.79 0.00	58.44 3.62 0.00	58.89 3.85 0.00	65.35 4.50 0.00	92.45 6.05 0.01	112.48 8.14 0.01	89.15 6.83 0.00	76.95 6.09 0.00	75.44 5.52 0.00	72.01 5.44 -3.96	68.93 5.19 -4.73	70.48 5.29 -2.17	70.48 5.34 3.21	80.48 6.78 10.03	72.83 7.44 25.26	98.50 10.23 33.47	105.21 10.15 31.81	81.52 8.05 27.14	72.87 7.50 24.98	71.82 6.19 14.82	70.64 5.82 18.39	70.48 4.56 8.82
LINDHRST_69_KV_BK1 356055	69.16 6.77 -6.89	61.51 6.24 0.00	60.43 5.44 0.00	59.92 5.10 0.00	60.33 5.28 0.00	67.17 6.33 0.00	96.35 9.94 0.00	117.08 12.73 0.00	92.53 10.21 0.00	79.08 8.22 0.00	78.32 8.39 -0.01	74.29 7.70 -3.98	72.31 7.26 -6.05	74.40 7.69 -3.69	76.58 8.20 -0.01	102.96 10.13 -9.09	136.84 11.24 -34.94	151.58 15.58 -14.25	144.74 15.86 -2.01	137.19 12.37 -24.22	133.05 11.20 -31.50	133.43 9.65 -43.33	104.39 9.65 -11.53	88.85 8.15 -5.97
LIPA_MISC_IPP 23656	68.99 6.60 -6.89	61.28 6.02 0.00	60.15 5.17 0.00	59.70 4.88 0.00	60.05 5.01 0.00	66.93 6.08 0.00	96.43 10.02 0.00	117.29 12.94 0.00	92.69 10.37 0.00	79.00 8.15 0.00	78.67 8.74 -0.01	74.54 7.95 -3.98	72.49 7.43 -6.05	74.65 7.94 -3.69	76.85 8.48 -0.01	103.55 10.72 -9.10	137.38 11.79 -34.94	152.92 16.92 -14.25	145.75 16.87 -2.01	137.80 12.98 -24.22	133.69 11.84 -31.50	133.83 10.06 -43.33	104.81 10.07 -11.53	89.53 8.82 -5.97
LISF__SOLAR 323691	69.16 6.77 -6.89	61.50 6.24 0.00	60.26 5.28 0.00	59.86 5.04 0.00	60.16 5.12 0.00	67.06 6.21 0.00	96.60 10.19 0.00	117.60 13.25 0.00	92.86 10.54 0.00	79.36 8.50 0.00	78.67 8.74 -0.01	74.67 8.08 -3.98	72.55 7.49 -6.05	74.78 8.07 -3.69	76.92 8.54 -0.01	103.79 10.97 -9.10	137.66 12.06 -34.94	153.28 17.28 -14.25	146.13 17.25 -2.01	138.10 13.28 -24.22	133.96 12.11 -31.50	134.07 10.30 -43.33	105.06 10.32 -11.53	89.67 8.96 -5.97

LITTLE FALLS___HYD 24013	56.50 1.00 0.00	56.26 0.99 0.00	55.97 0.99 0.00	55.75 0.93 0.00	56.03 0.99 0.00	62.12 1.28 0.00	88.48 2.07 0.00	107.06 2.71 0.00	84.38 2.06 0.00	72.56 1.70 0.00	71.52 1.61 0.00	64.11 1.50 0.00	60.42 1.42 0.00	64.53 1.51 0.00	70.07 1.71 0.00	86.08 2.34 0.00	93.47 2.81 0.00	125.40 3.65 0.00	130.67 3.81 0.00	103.62 3.02 0.00	93.06 2.71 0.00	82.86 2.41 0.00	85.70 2.50 0.00	77.05 2.32 0.00
LITTLRIV_115KV_TB1 356100	54.84 -0.89 -0.23	54.60 -0.66 0.00	54.60 -0.38 0.00	54.49 -0.33 0.00	54.88 -0.17 0.00	58.60 -2.25 0.00	83.56 -2.85 0.00	101.84 -2.50 0.00	79.85 -2.47 0.00	69.08 -1.77 0.00	67.26 -2.66 0.00	59.73 -2.88 0.00	56.30 -2.77 -0.07	59.87 -3.15 0.00	65.49 -2.87 0.00	80.85 -3.01 -0.14	87.21 -3.44 0.00	116.75 -4.99 0.00	122.55 -4.31 0.00	97.38 -3.22 0.00	87.19 -3.16 0.00	78.19 -2.25 0.00	81.54 -1.66 0.00	76.16 1.42 0.00
LI_NEWBRDGE___DRP 323616	68.05 5.66 -6.89	60.40 5.14 0.00	59.44 4.45 0.00	58.98 4.17 0.00	59.34 4.29 0.00	66.02 5.17 0.00	94.44 8.04 0.00	114.78 10.43 0.00	90.72 8.40 0.00	77.73 6.87 0.00	76.78 6.85 -0.01	72.91 6.32 -3.98	71.07 6.02 -6.05	73.07 6.36 -3.69	75.07 6.70 -0.01	101.03 8.21 -9.10	134.57 8.98 -34.94	148.17 12.17 -14.25	141.44 12.56 -2.01	134.68 9.86 -24.22	130.89 9.04 -31.50	131.42 7.64 -43.33	102.48 7.74 -11.53	87.13 6.43 -5.97
LOCKPORT_115KV_TB60_63_64 80432	53.03 -3.55 -1.08	51.72 -3.54 0.00	51.41 -3.57 0.00	51.20 -3.62 0.00	51.68 -3.36 0.00	58.11 -2.74 0.00	81.22 -5.18 0.00	96.88 -9.39 -1.92	74.38 -7.99 -0.04	63.63 -7.23 0.00	63.20 -6.71 0.00	56.37 -5.95 0.29	53.28 -5.72 0.00	57.52 -5.23 0.27	62.34 -6.02 0.00	75.40 -8.37 -0.04	82.72 -7.98 -0.04	111.21 -10.59 -0.05	120.03 -11.80 -4.96	90.52 -10.26 -0.18	82.42 -10.21 -2.28	71.55 -8.93 -0.03	76.30 -6.91 0.00	69.88 -4.86 0.00
LOCKPORT___CC1 323769	52.87 -3.72 -1.09	51.67 -3.59 0.00	51.30 -3.68 0.00	51.04 -3.78 0.00	51.68 -3.36 0.00	57.93 -2.92 0.00	80.79 -5.62 0.00	86.84 -10.02 7.49	73.77 -8.40 0.15	63.27 -7.58 0.00	62.93 -6.99 0.00	56.12 -6.20 0.29	52.57 -6.43 0.00	57.26 -5.48 0.27	62.21 -6.15 0.00	74.70 -8.88 0.15	82.08 -8.43 0.15	110.67 -10.84 0.24	93.77 -10.91 22.18	89.34 -10.46 0.80	69.49 -10.66 10.20	71.05 -9.25 0.14	75.97 -7.24 0.00	69.88 -4.86 0.00
LOCKPORT___CC2 323770	52.87 -3.72 -1.09	51.67 -3.59 0.00	51.30 -3.68 0.00	51.04 -3.78 0.00	51.68 -3.36 0.00	57.93 -2.92 0.00	80.79 -5.62 0.00	86.84 -10.02 7.49	73.77 -8.40 0.15	63.27 -7.58 0.00	62.93 -6.99 0.00	56.12 -6.20 0.29	52.57 -6.43 0.00	57.26 -5.48 0.27	62.21 -6.15 0.00	74.70 -8.88 0.15	82.08 -8.43 0.15	110.67 -10.84 0.24	93.77 -10.91 22.18	89.34 -10.46 0.80	69.49 -10.66 10.20	71.05 -9.25 0.14	75.97 -7.24 0.00	69.88 -4.86 0.00
LOCKPORT___CC3 323771	52.87 -3.72 -1.09	51.67 -3.59 0.00	51.30 -3.68 0.00	51.04 -3.78 0.00	51.68 -3.36 0.00	57.93 -2.92 0.00	80.79 -5.62 0.00	86.84 -10.02 7.49	73.77 -8.40 0.15	63.27 -7.58 0.00	62.93 -6.99 0.00	56.12 -6.20 0.29	52.57 -6.43 0.00	57.26 -5.48 0.27	62.21 -6.15 0.00	74.70 -8.88 0.15	82.08 -8.43 0.15	110.67 -10.84 0.24	93.77 -10.91 22.18	89.34 -10.46 0.80	69.49 -10.66 10.20	71.05 -9.25 0.14	75.97 -7.24 0.00	69.88 -4.86 0.00
LONG_LAKE_PHOENIX 24014	54.78 -1.33 -0.61	53.71 -1.55 0.00	53.33 -1.65 0.00	53.12 -1.70 0.00	53.50 -1.54 0.00	59.51 -1.34 0.00	84.77 -1.64 0.00	102.36 -1.98 0.00	80.59 -1.73 0.00	69.23 -1.63 0.00	68.24 -1.68 0.00	61.04 -1.57 0.00	57.72 -1.48 -0.19	61.50 -1.51 0.00	66.72 -1.64 0.00	81.81 -1.93 0.00	88.93 -1.72 0.00	119.55 -2.19 0.00	124.58 -2.28 0.00	98.59 -2.01 0.00	88.36 -1.99 0.00	78.51 -1.93 0.00	81.29 -1.91 0.00	73.02 -1.72 0.00
LOVETT___3 23632	65.82 3.66 -6.66	58.58 3.32 0.00	57.95 2.97 0.00	57.61 2.80 0.00	58.07 3.03 0.00	64.50 3.65 0.00	91.68 5.27 0.00	111.23 6.89 0.00	87.92 5.60 0.00	75.67 4.82 0.00	74.60 4.68 0.00	60.09 4.38 6.90	58.65 4.25 4.61	60.90 4.29 6.40	72.87 4.51 0.00	89.43 5.69 0.00	97.00 6.35 0.00	130.39 8.64 0.00	135.75 8.88 0.00	107.44 6.84 0.00	96.77 6.42 0.00	85.76 5.31 0.00	88.28 5.08 0.00	78.77 4.04 0.00
LOVETT___4 23642	65.82 3.66 -6.66	58.58 3.32 0.00	57.95 2.97 0.00	57.61 2.80 0.00	58.07 3.03 0.00	64.50 3.65 0.00	91.68 5.27 0.00	111.23 6.89 0.00	87.92 5.60 0.00	75.67 4.82 0.00	74.60 4.68 0.00	60.09 4.38 6.90	58.65 4.25 4.61	60.90 4.29 6.40	72.87 4.51 0.00	89.43 5.69 0.00	97.00 6.35 0.00	130.39 8.64 0.00	135.75 8.88 0.00	107.44 6.84 0.00	96.77 6.42 0.00	85.76 5.31 0.00	88.28 5.08 0.00	78.77 4.04 0.00
LOVETT___5 23593	65.82 3.66 -6.66	58.58 3.32 0.00	57.95 2.97 0.00	57.61 2.80 0.00	58.07 3.03 0.00	64.50 3.65 0.00	91.68 5.27 0.00	111.23 6.89 0.00	87.92 5.60 0.00	75.67 4.82 0.00	74.60 4.68 0.00	60.09 4.38 6.90	58.65 4.25 4.61	60.90 4.29 6.40	72.87 4.51 0.00	89.43 5.69 0.00	97.00 6.35 0.00	130.39 8.64 0.00	135.75 8.88 0.00	107.44 6.84 0.00	96.77 6.42 0.00	85.76 5.31 0.00	88.28 5.08 0.00	78.77 4.04 0.00
LOWER RAQUET___HYD 24057	53.78 -1.94 -0.23	53.49 -1.77 0.00	53.50 -1.48 0.00	53.45 -1.37 0.00	53.78 -1.26 0.00	57.26 -3.59 0.00	81.31 -5.10 0.00	98.92 -5.43 0.00	77.79 -4.53 0.00	67.46 -3.40 0.00	66.14 -3.78 0.00	58.54 -4.07 0.00	55.24 -3.83 -0.07	58.67 -4.35 0.00	64.05 -4.30 0.00	79.01 -4.86 -0.14	84.85 -5.80 0.00	113.71 -8.04 0.00	119.38 -7.49 0.00	94.87 -5.73 0.00	85.02 -5.33 0.00	76.26 -4.19 0.00	79.63 -3.58 0.00	74.44 -0.30 0.00
LOWER___HUDSON 24059	67.96 3.33 -9.13	58.52 3.26 0.00	57.95 2.97 0.00	57.56 2.74 0.00	57.96 2.92 0.00	64.50 3.65 0.00	91.68 5.27 0.00	110.61 6.26 0.00	87.18 4.86 0.00	74.96 4.11 0.00	73.97 4.05 0.00	67.69 3.69 -1.39	66.67 3.42 -4.24	68.03 3.72 -1.29	72.32 3.96 0.00	88.76 5.02 0.00	96.00 5.35 0.00	129.05 7.30 0.00	133.97 7.10 0.00	106.33 5.73 0.00	95.68 5.33 0.00	85.11 4.66 0.00	87.86 4.66 0.00	78.77 4.03 0.00
LOWVILLE_115KV_TB2 356335	55.07 -0.72 -0.29	54.49 -0.77 0.00	54.27 -0.71 0.00	54.00 -0.82 0.00	54.60 -0.44 0.00	60.30 -0.55 0.00	86.75 0.35 0.00	105.81 1.46 0.00	83.06 0.74 0.00	71.85 0.99 0.00	69.71 -0.21 0.00	62.11 -0.50 0.00	58.45 -0.65 -0.09	62.26 -0.76 0.00	67.81 -0.55 0.00	83.77 0.00 -0.04	91.20 0.54 0.00	122.35 0.61 0.00	128.13 1.27 0.00	102.41 1.81 0.00	91.62 1.26 0.00	81.73 1.29 0.00	84.37 1.16 0.00	76.38 1.64 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	69.13 4.38 -9.24	59.57 4.31 0.00	59.00 4.01 0.00	58.49 3.67 0.00	58.90 3.85 0.00	65.71 4.87 0.00	93.75 7.34 0.00	113.01 8.66 0.00	88.83 6.50 0.00	76.17 5.31 0.00	74.88 4.96 0.00	68.31 4.38 -1.32	67.34 4.13 -4.20	68.71 4.47 -1.22	73.21 4.85 0.00	90.10 6.36 0.00	97.73 7.07 0.00	131.73 9.98 0.00	135.75 8.88 0.00	107.44 6.84 0.00	96.77 6.42 0.00	86.00 5.55 0.00	88.78 5.57 0.00	79.52 4.78 0.00

LUTHERNY_35_KV_BK2 355980	69.18 4.44 -9.24	59.63 4.37 0.00	59.05 4.07 0.00	58.55 3.73 0.00	58.95 3.91 0.00	65.78 4.93 0.00	93.84 7.43 0.00	113.11 8.77 0.00	88.91 6.59 0.00	76.17 5.31 0.00	74.88 4.96 0.00	68.37 4.45 -1.32	67.34 4.13 -4.20	68.71 4.47 -1.22	73.28 4.92 0.00	90.18 6.45 0.00	97.82 7.16 0.00	131.73 9.98 0.00	135.87 9.01 0.00	107.54 6.94 0.00	96.86 6.51 0.00	86.08 5.63 0.00	88.78 5.57 0.00	79.59 4.86 0.00
LWR___OSWEGATCHIE_HYD 23850	53.95 -1.83 -0.28	53.49 -1.77 0.00	53.39 -1.59 0.00	53.23 -1.59 0.00	53.67 -1.38 0.00	58.17 -2.68 0.00	83.21 -3.20 0.00	101.43 -2.92 0.00	79.69 -2.63 0.00	68.94 -1.91 0.00	67.05 -2.87 0.00	59.60 -3.01 0.00	56.20 -2.89 -0.09	59.74 -3.28 0.00	65.21 -3.14 0.00	80.47 -3.35 -0.09	87.03 -3.63 0.00	116.75 -4.99 0.00	122.43 -4.44 0.00	97.58 -3.02 0.00	87.28 -3.07 0.00	78.19 -2.25 0.00	81.13 -2.08 0.00	74.74 0.00 0.00
LYONS_FALL_HYD 23570	55.88 0.11 -0.27	55.32 0.06 0.00	55.04 0.06 0.00	54.76 -0.05 0.00	55.26 0.22 0.00	61.21 0.37 0.00	87.88 1.47 0.00	106.85 2.50 0.00	83.97 1.65 0.00	72.35 1.49 0.00	70.54 0.63 0.00	62.99 0.38 0.00	59.33 0.24 -0.08	63.27 0.25 0.00	68.84 0.48 0.00	84.84 1.09 -0.03	92.29 1.63 0.00	123.94 2.19 0.00	129.53 2.67 0.00	103.12 2.52 0.00	92.43 2.08 0.00	82.37 1.93 0.00	85.04 1.83 0.00	76.68 1.94 0.00
MADISON___COUNTY_LFGE 323628	57.32 1.39 -0.43	56.64 1.38 0.00	56.25 1.26 0.00	56.02 1.21 0.00	56.47 1.43 0.00	62.85 2.01 0.00	89.95 3.54 0.00	108.94 4.59 0.00	85.61 3.29 0.00	73.41 2.55 0.00	72.08 2.17 0.00	64.42 1.82 0.00	60.73 1.59 -0.13	64.84 1.83 0.00	70.41 2.05 0.00	86.59 2.85 -0.01	94.28 3.63 0.00	126.49 4.75 0.00	131.94 5.07 0.00	104.53 3.92 0.00	93.70 3.34 0.00	83.34 2.90 0.00	86.04 2.83 0.00	77.35 2.62 0.00
MALONE___115KV_TB1 356076	54.17 -1.33 0.00	54.43 -0.83 0.00	54.43 -0.55 0.00	54.65 -0.16 0.00	54.71 -0.33 0.00	59.20 -1.64 0.00	83.21 -3.20 0.00	100.17 -4.17 0.00	79.44 -2.88 0.00	68.66 -2.20 0.00	67.54 -2.38 0.00	60.29 -2.32 0.00	56.71 -2.30 0.00	60.43 -2.58 0.00	66.03 -2.32 0.00	80.71 -3.27 -0.25	86.85 -3.81 0.00	116.75 -4.99 0.00	121.79 -5.07 0.00	96.78 -3.82 0.00	87.01 -3.34 0.00	78.19 -2.25 0.00	81.13 -2.08 0.00	74.06 -0.67 0.00
MAPLEWOD_115KV_TB3 80458	67.17 2.55 -9.11	57.75 2.49 0.00	57.24 2.25 0.00	56.90 2.08 0.00	57.24 2.20 0.00	63.58 2.74 0.00	90.30 3.89 0.00	109.04 4.70 0.00	85.94 3.62 0.00	74.04 3.19 0.00	73.41 3.50 0.00	67.20 3.26 -1.34	66.20 3.01 -4.18	67.47 3.21 -1.24	71.71 3.35 0.00	87.75 4.02 0.00	94.83 4.17 0.00	127.35 5.60 0.00	132.70 5.84 0.00	105.33 4.73 0.00	94.87 4.52 0.00	84.39 3.94 0.00	87.12 3.91 0.00	78.17 3.44 0.00
MAPLE_RIDGE_WT_1 323574	54.44 -1.06 0.00	54.21 -1.05 0.00	54.05 -0.94 0.00	54.00 -0.82 0.00	54.16 -0.88 0.00	59.75 -1.09 0.00	84.94 -1.47 0.00	102.67 -1.67 0.00	81.25 -1.07 0.00	70.08 -0.78 0.00	69.22 -0.70 0.00	61.86 -0.75 0.00	58.30 -0.71 0.00	62.13 -0.88 0.00	67.54 -0.82 0.00	82.73 -1.00 0.01	89.48 -1.18 0.00	120.16 -1.59 0.00	125.21 -1.65 0.00	99.29 -1.31 0.00	89.27 -1.08 0.00	79.64 -0.80 0.00	82.38 -0.83 0.00	74.06 -0.67 0.00
MAPLE_RIDGE_WT_2 323611	54.44 -1.06 0.00	54.21 -1.05 0.00	54.05 -0.94 0.00	54.00 -0.82 0.00	54.16 -0.88 0.00	59.75 -1.09 0.00	84.94 -1.47 0.00	102.67 -1.67 0.00	81.25 -1.07 0.00	70.08 -0.78 0.00	69.22 -0.70 0.00	61.86 -0.75 0.00	58.30 -0.71 0.00	62.13 -0.88 0.00	67.54 -0.82 0.00	82.73 -1.00 0.01	89.48 -1.18 0.00	120.16 -1.59 0.00	125.21 -1.65 0.00	99.29 -1.31 0.00	89.27 -1.08 0.00	79.64 -0.80 0.00	82.38 -0.83 0.00	74.06 -0.67 0.00
MARBLE_RIVER_WT_PWR 323696	53.72 -1.78 0.00	53.88 -1.38 0.00	53.94 -1.05 0.00	54.16 -0.66 0.00	54.11 -0.94 0.00	58.84 -2.01 0.00	82.01 -4.40 0.00	98.61 -5.74 0.00	78.21 -4.11 0.00	67.32 -3.54 0.00	67.26 -2.66 0.00	59.73 -2.88 0.00	56.35 -2.65 0.00	59.87 -3.15 0.00	65.35 -3.01 0.00	79.01 -4.52 0.20	85.76 -4.90 0.00	115.17 -6.58 0.00	120.26 -6.60 0.00	95.37 -5.24 0.00	85.93 -4.43 0.00	76.99 -3.46 0.00	79.79 -3.42 0.00	72.05 -2.69 0.00
MARSHVLE_115KV_TB1 80742	69.82 3.89 -10.44	59.07 3.81 0.00	58.56 3.57 0.00	58.00 3.18 0.00	58.45 3.41 0.00	65.59 4.75 0.00	94.19 7.78 0.00	113.53 9.18 0.00	88.66 6.34 0.00	75.04 4.18 0.00	73.13 3.22 0.00	65.65 2.25 -0.79	65.08 2.01 -4.07	66.33 2.58 -0.73	71.36 3.01 0.00	89.34 5.61 0.00	97.73 7.07 0.00	132.09 10.35 0.00	138.28 11.42 0.00	109.25 8.65 0.00	98.39 8.04 0.00	87.44 7.00 0.00	90.03 6.82 0.00	80.57 5.83 0.00
MARSH_HILL_WT_PWR 323713	55.42 -1.61 -1.53	54.71 -0.55 0.00	54.32 -0.66 0.00	54.16 -0.66 0.00	54.82 -0.22 0.00	61.58 0.73 0.00	87.71 1.30 0.00	104.22 0.00 0.12	81.66 -0.66 0.00	69.58 -1.27 0.00	68.79 -1.12 0.00	61.07 -1.13 0.42	56.98 -2.07 -0.04	62.26 -0.38 0.38	68.02 -0.34 0.00	82.81 -0.92 0.00	91.20 0.55 0.00	123.57 1.83 0.00	128.13 1.64 0.38	100.69 0.10 0.01	89.45 -0.73 0.17	79.97 -0.48 0.00	83.95 0.75 0.00	76.31 1.57 0.00
MCINTYRE_115KV_TB2 80467	55.62 -0.11 -0.23	55.43 0.17 0.00	55.37 0.38 0.00	55.26 0.44 0.00	55.76 0.72 0.00	59.63 -1.22 0.00	85.29 -1.12 0.00	104.03 -0.31 0.00	81.42 -0.91 0.00	70.22 -0.64 0.00	68.31 -1.61 0.00	60.61 -2.00 0.00	57.07 -2.01 -0.07	60.75 -2.27 0.00	66.44 -1.91 0.00	82.19 -1.67 -0.14	88.93 -1.72 0.00	118.95 -2.80 0.00	125.09 -1.78 0.00	99.39 -1.21 0.00	88.82 -1.54 0.00	79.64 -0.80 0.00	82.96 -0.25 0.00	77.43 2.69 0.00
MECO_____69_KV_BK1 80468	70.66 5.11 -10.05	60.40 5.14 0.00	59.82 4.84 0.00	59.20 4.39 0.00	59.67 4.62 0.00	66.93 6.08 0.00	96.17 9.76 0.00	115.72 11.37 0.00	90.31 7.99 0.00	76.60 5.74 0.00	74.74 4.82 0.00	67.43 3.88 -0.94	66.64 3.54 -4.09	67.98 4.10 -0.87	72.94 4.58 0.00	91.02 7.28 0.00	99.36 8.70 0.00	134.53 12.78 0.00	140.95 14.08 0.00	111.37 10.76 0.00	100.29 9.94 0.00	89.13 8.69 0.00	91.78 8.57 0.00	82.06 7.32 0.00
MENANDS___115KV_TB5 355628	66.98 2.39 -9.10	57.53 2.27 0.00	57.07 2.09 0.00	56.68 1.86 0.00	57.02 1.98 0.00	63.34 2.49 0.00	89.87 3.46 0.00	108.52 4.17 0.00	85.61 3.29 0.00	73.76 2.91 0.00	73.27 3.36 0.00	67.08 3.13 -1.34	66.08 2.89 -4.18	67.35 3.09 -1.25	71.57 3.21 0.00	87.50 3.77 0.00	94.47 3.81 0.00	126.74 4.99 0.00	132.07 5.20 0.00	104.83 4.23 0.00	94.42 4.07 0.00	84.07 3.62 0.00	86.70 3.49 0.00	77.87 3.14 0.00
MG INDUSTRY___DRP 24185	66.48 2.11 -8.87	57.36 2.10 0.00	56.91 1.92 0.00	56.57 1.75 0.00	56.91 1.87 0.00	63.16 2.31 0.00	89.61 3.20 0.00	108.00 3.65 0.00	85.04 2.72 0.00	73.12 2.27 0.00	72.43 2.52 0.00	66.18 2.38 -1.19	65.21 2.24 -3.96	66.52 2.39 -1.11	70.89 2.53 0.00	86.91 3.18 0.00	93.92 3.26 0.00	126.01 4.26 0.00	131.43 4.57 0.00	104.32 3.72 0.00	93.97 3.61 0.00	83.66 3.22 0.00	86.45 3.25 0.00	77.65 2.91 0.00

MID___OSWEGATCHIE_HYD 23849	53.95 -1.83 -0.28	53.49 -1.77 0.00	53.39 -1.59 0.00	53.23 -1.59 0.00	53.67 -1.38 0.00	58.17 -2.68 0.00	83.21 -3.20 0.00	101.43 -2.92 0.00	79.69 -2.63 0.00	68.94 -1.91 0.00	67.05 -2.87 0.00	59.60 -3.01 0.00	56.20 -2.89 -0.09	59.74 -3.28 0.00	65.21 -3.14 0.00	80.47 -3.35 -0.09	87.03 -3.63 0.00	116.75 -4.99 0.00	122.43 -4.44 0.00	97.58 -3.02 0.00	87.28 -3.07 0.00	78.19 -2.25 0.00	81.13 -2.08 0.00	74.74 0.00 0.00
MID___RAQUETTE_HYD 23851	53.79 -1.94 -0.23	53.55 -1.71 0.00	53.50 -1.48 0.00	53.45 -1.37 0.00	53.83 -1.21 0.00	57.26 -3.59 0.00	81.31 -5.10 0.00	98.92 -5.43 0.00	77.79 -4.53 0.00	67.60 -3.26 0.00	65.86 -4.06 0.00	58.54 -4.07 0.00	55.12 -3.95 -0.07	58.67 -4.35 0.00	64.05 -4.31 0.00	79.01 -4.86 -0.14	84.86 -5.80 0.00	113.71 -8.04 0.00	119.25 -7.61 0.00	94.87 -5.73 0.00	85.02 -5.33 0.00	76.26 -4.18 0.00	79.63 -3.58 0.00	74.51 -0.22 0.00
MILLIKEN___1 23584	57.85 0.83 -1.52	56.09 0.83 0.00	55.64 0.66 0.00	55.48 0.66 0.00	55.92 0.88 0.00	62.37 1.52 0.00	89.09 2.68 0.00	107.06 2.71 0.00	84.13 1.81 0.00	72.13 1.28 0.00	70.96 1.05 0.00	63.07 0.81 0.35	59.62 0.53 -0.08	63.63 0.95 0.33	69.38 1.03 0.00	85.16 1.42 0.00	92.83 2.18 0.00	125.76 4.02 0.00	130.93 4.06 0.00	103.52 2.92 0.00	92.70 2.35 0.00	82.38 1.93 0.00	85.20 2.00 0.00	76.53 1.79 0.00
MILLIKEN___2 23585	57.85 0.83 -1.52	56.09 0.83 0.00	55.64 0.66 0.00	55.48 0.66 0.00	55.92 0.88 0.00	62.37 1.52 0.00	89.09 2.68 0.00	107.06 2.71 0.00	84.13 1.81 0.00	72.13 1.28 0.00	70.96 1.05 0.00	63.07 0.81 0.35	59.62 0.53 -0.08	63.63 0.95 0.33	69.38 1.03 0.00	85.16 1.42 0.00	92.83 2.18 0.00	125.76 4.02 0.00	130.93 4.06 0.00	103.52 2.92 0.00	92.70 2.35 0.00	82.38 1.93 0.00	85.20 2.00 0.00	76.53 1.79 0.00
MILLIKEN___DIESEL 23629	57.85 0.83 -1.52	56.09 0.83 0.00	55.64 0.66 0.00	55.48 0.66 0.00	55.92 0.88 0.00	62.37 1.52 0.00	89.09 2.68 0.00	107.06 2.71 0.00	84.13 1.81 0.00	72.13 1.28 0.00	70.96 1.05 0.00	63.07 0.81 0.35	59.62 0.53 -0.08	63.63 0.95 0.33	69.38 1.03 0.00	85.16 1.42 0.00	92.83 2.18 0.00	125.76 4.02 0.00	130.93 4.06 0.00	103.52 2.92 0.00	92.70 2.35 0.00	82.38 1.93 0.00	85.20 2.00 0.00	76.53 1.79 0.00
MILLSEAT___LFGE 323607	54.11 -2.44 -1.05	52.78 -2.49 0.00	52.34 -2.64 0.00	52.19 -2.63 0.00	52.84 -2.20 0.00	59.26 -1.58 0.00	83.30 -3.11 0.00	99.48 -6.47 -1.61	76.76 -5.60 -0.04	65.54 -5.32 0.00	65.09 -4.82 0.00	57.95 -4.38 0.28	54.29 -4.72 -0.01	58.98 -3.78 0.26	64.05 -4.30 0.00	77.40 -6.37 -0.04	85.26 -5.44 -0.04	115.10 -6.70 -0.05	124.62 -6.47 -4.22	93.91 -6.84 -0.15	84.79 -7.50 -1.94	73.88 -6.59 -0.03	78.38 -4.83 0.00	71.60 -3.14 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	66.62 4.27 -6.85	59.13 3.87 0.00	58.50 3.52 0.00	58.16 3.34 0.00	58.57 3.52 0.00	65.11 4.26 0.00	92.54 6.14 0.00	112.28 7.93 0.00	88.83 6.50 0.00	76.45 5.60 0.00	75.37 5.45 0.00	71.38 5.07 -3.70	69.60 4.84 -5.76	71.42 4.98 -3.43	73.55 5.20 0.00	90.26 6.53 0.00	97.91 7.25 0.00	131.73 9.98 0.00	137.02 10.15 0.00	108.55 7.95 0.00	97.67 7.32 0.00	86.56 6.11 0.00	89.11 5.91 0.00	79.52 4.78 0.00
MILLWOOD_13_KV_LOAD 356217	66.73 4.38 -6.85	59.29 4.03 0.00	58.67 3.68 0.00	58.27 3.45 0.00	58.73 3.69 0.00	65.29 4.44 0.00	92.80 6.39 0.00	112.69 8.35 0.00	89.15 6.83 0.00	76.74 5.88 0.00	75.58 5.66 0.00	71.50 5.20 -3.70	69.72 4.96 -5.76	71.55 5.10 -3.43	73.76 5.40 0.00	90.51 6.78 0.00	98.18 7.52 0.00	132.09 10.35 0.00	137.40 10.53 0.00	108.85 8.25 0.00	98.03 7.68 0.00	86.88 6.44 0.00	89.36 6.16 0.00	79.74 5.01 0.00
MODEL_CITY_ENERGY 24167	52.44 -4.16 -1.11	51.17 -4.09 0.00	50.75 -4.23 0.00	50.49 -4.33 0.00	51.19 -3.85 0.00	57.32 -3.53 0.00	80.10 -6.30 0.00	94.22 -10.95 -0.83	73.12 -9.22 -0.02	62.64 -8.22 0.00	62.36 -7.55 0.00	55.55 -6.76 0.30	52.10 -6.90 0.01	56.76 -5.99 0.27	61.66 -6.70 0.00	74.13 -9.63 -0.02	81.34 -9.34 -0.02	110.21 -11.57 -0.03	117.79 -11.67 -2.59	89.63 -11.07 -0.10	80.34 -11.21 -1.19	70.73 -9.74 -0.02	75.55 -7.65 0.00	69.28 -5.45 0.00
MODERN_LFGE___ 323580	52.44 -4.16 -1.11	51.17 -4.09 0.00	50.75 -4.23 0.00	50.49 -4.33 0.00	51.19 -3.85 0.00	57.32 -3.53 0.00	80.10 -6.30 0.00	94.22 -10.95 -0.83	73.12 -9.22 -0.02	62.64 -8.22 0.00	62.36 -7.55 0.00	55.55 -6.76 0.30	52.10 -6.90 0.01	56.76 -5.99 0.27	61.66 -6.70 0.00	74.13 -9.63 -0.02	81.34 -9.34 -0.02	110.21 -11.57 -0.03	117.79 -11.67 -2.59	89.63 -11.07 -0.10	80.34 -11.21 -1.19	70.73 -9.74 -0.02	75.55 -7.65 0.00	69.28 -5.45 0.00
MOHAWK_PAPER___DRP 24187	67.17 2.55 -9.11	57.75 2.49 0.00	57.24 2.25 0.00	56.90 2.08 0.00	57.24 2.20 0.00	63.58 2.74 0.00	90.30 3.89 0.00	109.04 4.70 0.00	85.94 3.62 0.00	74.04 3.19 0.00	73.41 3.50 0.00	67.20 3.26 -1.34	66.20 3.01 -4.18	67.47 3.21 -1.24	71.71 3.35 0.00	87.75 4.02 0.00	94.83 4.17 0.00	127.35 5.60 0.00	132.70 5.84 0.00	105.33 4.73 0.00	94.87 4.52 0.00	84.39 3.94 0.00	87.12 3.91 0.00	78.17 3.44 0.00
MOHICAN___35_KV_115KV_LD 80490	69.71 4.94 -9.27	60.12 4.86 0.00	59.49 4.51 0.00	58.93 4.11 0.00	59.34 4.29 0.00	66.44 5.60 0.00	94.96 8.55 0.00	114.47 10.12 0.00	89.90 7.57 0.00	76.88 6.02 0.00	75.44 5.52 0.00	68.73 4.82 -1.30	67.68 4.48 -4.19	69.13 4.92 -1.20	73.76 5.40 0.00	90.77 7.03 0.00	98.45 7.80 0.00	133.07 11.32 0.00	137.52 10.66 0.00	108.65 8.05 0.00	97.85 7.50 0.00	86.88 6.44 0.00	89.61 6.41 0.00	80.27 5.53 0.00
MONGAUP___HYD 23641	65.72 4.00 -6.22	59.02 3.76 0.00	58.39 3.41 0.00	58.05 3.23 0.00	58.51 3.47 0.00	65.04 4.20 0.00	92.71 6.30 0.00	112.07 7.72 0.00	88.41 6.09 0.00	75.89 5.03 0.00	74.53 4.61 0.00	59.75 4.26 7.12	58.01 3.95 4.95	60.51 4.09 6.60	72.87 4.51 0.00	89.93 6.20 0.00	97.91 7.26 0.00	131.97 10.23 0.00	137.27 10.41 0.00	108.55 7.95 0.00	97.49 7.14 0.00	86.56 6.11 0.00	89.20 5.99 0.00	79.67 4.93 0.00
MONTAUK___DIESEL 23721	68.99 6.60 -6.89	61.28 6.02 0.00	60.15 5.17 0.00	59.75 4.93 0.00	60.27 5.23 0.00	67.42 6.57 0.00	97.90 11.49 0.00	119.58 15.23 0.00	94.67 12.35 0.00	80.71 9.85 0.00	80.49 10.56 -0.01	76.23 9.64 -3.98	74.08 9.03 -6.05	76.41 9.70 -3.69	78.76 10.39 -0.01	106.14 13.31 -9.10	140.65 15.05 -34.94	157.79 21.79 -14.25	150.32 21.44 -2.01	141.02 16.20 -24.22	136.49 14.64 -31.50	136.16 12.39 -43.33	107.14 12.40 -11.53	91.84 11.14 -5.97
MOONROAD_115KV_HARTFLD_TB1-2 355988	54.37 -2.39 -1.26	54.38 -0.88 0.00	54.27 -0.71 0.00	53.94 -0.88 0.00	54.66 -0.39 0.00	61.52 0.67 0.00	87.19 0.78 0.00	102.91 -1.36 0.08	80.43 -1.89 0.00	68.80 -2.05 0.00	68.45 -1.47 0.00	60.89 -1.38 0.34	56.59 -2.42 0.00	62.26 -0.44 0.31	67.47 -0.89 0.00	81.72 -2.01 0.00	89.48 -1.18 0.00	121.26 -0.49 0.00	124.38 -1.90 0.58	98.37 -2.21 0.01	87.11 -2.98 0.27	78.11 -2.33 0.00	83.21 0.00 0.00	75.48 0.75 0.00

MORRIS_RIDGE___SOLAR 323848	54.59 -2.38 -1.48	53.88 -1.38 0.00	53.44 -1.54 0.00	53.28 -1.53 0.00	53.94 -1.10 0.00	60.42 -0.42 0.00	85.54 -0.86 0.00	101.01 -3.13 0.21	79.19 -3.13 0.00	67.38 -3.47 0.00	66.70 -3.21 0.00	59.33 -2.88 0.40	55.38 -3.66 -0.03	60.50 -2.14 0.37	65.96 -2.39 0.00	80.22 -3.51 0.00	88.30 -2.36 0.00	119.31 -2.43 0.00	123.54 -2.67 0.66	97.27 -3.32 0.02	86.26 -3.79 0.30	77.31 -3.14 0.00	81.54 -1.66 0.00	74.14 -0.60 0.00
MORTIMER_115KV_TB3 55949	54.73 -1.67 -0.90	52.77 -2.49 0.00	52.40 -2.58 0.00	52.30 -2.52 0.00	52.68 -2.37 0.00	58.96 -1.89 0.00	83.47 -2.94 0.00	99.57 -5.01 -0.23	78.05 -4.28 0.00	66.82 -4.04 0.00	66.07 -3.85 0.00	58.94 -3.44 0.23	56.18 -2.89 -0.06	59.65 -3.15 0.21	64.73 -3.62 0.00	78.96 -4.77 0.00	86.40 -4.26 0.00	116.64 -5.11 -0.01	122.33 -5.20 -0.66	95.70 -4.93 -0.02	85.42 -5.24 -0.30	75.54 -4.91 0.00	79.21 -3.99 0.00	71.67 -3.06 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	67.16 4.77 -6.89	59.68 4.42 0.00	59.00 4.01 0.00	58.66 3.84 0.00	59.06 4.02 0.00	65.59 4.75 0.00	93.15 6.74 0.00	113.22 8.87 0.00	89.65 7.33 0.00	77.23 6.38 0.00	76.07 6.15 0.00	72.33 5.76 -3.96	70.58 5.55 -6.03	72.36 5.67 -3.67	74.24 5.88 0.00	91.10 7.37 0.00	98.73 8.07 0.00	132.82 11.08 0.00	138.16 11.29 0.00	109.45 8.85 0.00	98.48 8.13 0.00	87.28 6.84 0.00	89.70 6.49 0.00	79.97 5.23 0.00
MUNSVILLE_WIND_PWR 323609	62.41 4.33 -2.58	59.79 4.53 0.00	59.27 4.29 0.00	58.93 4.11 0.00	59.56 4.51 0.00	66.81 5.97 0.00	96.26 9.85 0.00	126.36 22.01 0.00	97.89 15.56 0.00	82.76 11.90 0.00	80.34 10.42 0.00	69.69 8.51 1.43	65.83 7.20 0.37	70.13 8.45 1.33	78.41 10.05 0.00	98.14 14.41 0.00	109.78 19.12 0.00	136.84 15.09 0.00	143.48 16.62 0.00	113.38 12.78 0.00	101.46 11.11 0.00	90.34 9.89 0.00	92.85 9.65 0.00	83.48 8.74 0.00
N SALMON___HYD 24042	54.17 -1.33 0.00	54.32 -0.94 0.00	54.43 -0.55 0.00	54.65 -0.16 0.00	54.71 -0.33 0.00	59.21 -1.64 0.00	83.21 -3.20 0.00	100.17 -4.18 0.00	79.44 -2.88 0.00	68.45 -2.41 0.00	68.03 -1.88 0.00	60.29 -2.32 0.00	56.89 -2.12 0.00	60.43 -2.59 0.00	66.03 -2.32 0.00	80.71 -3.27 -0.25	86.85 -3.80 0.00	116.75 -5.00 0.00	122.17 -4.69 0.00	96.68 -3.93 0.00	87.01 -3.34 0.00	78.19 -2.25 0.00	81.13 -2.08 0.00	73.92 -0.82 0.00
N.AKRON__115KV_KNAPP 355671	54.00 -2.55 -1.05	52.55 -2.71 0.00	52.29 -2.69 0.00	52.08 -2.74 0.00	52.62 -2.42 0.00	59.14 -1.70 0.00	83.04 -3.37 0.00	99.36 -6.68 -1.69	76.51 -5.84 -0.04	65.33 -5.53 0.00	64.88 -5.03 0.00	57.82 -4.51 0.28	54.65 -4.37 -0.01	58.85 -3.91 0.26	63.71 -4.65 0.00	77.32 -6.45 -0.04	84.98 -5.71 -0.04	114.37 -7.43 -0.05	123.00 -8.25 -4.38	93.32 -7.44 -0.16	84.60 -7.77 -2.02	73.64 -6.84 -0.03	78.13 -5.08 0.00	71.22 -3.51 0.00
N.BELMOR_69_KV_BK1 55787	68.38 5.99 -6.89	60.73 5.47 0.00	59.77 4.78 0.00	59.31 4.50 0.00	59.67 4.62 0.00	66.38 5.54 0.00	94.70 8.30 0.00	115.09 10.75 0.00	90.97 8.64 0.00	77.94 7.09 0.00	77.20 7.27 -0.01	73.29 6.70 -3.98	71.43 6.37 -6.05	73.39 6.68 -3.69	75.41 7.04 -0.01	101.20 8.37 -9.09	134.93 9.34 -34.94	148.78 12.78 -14.25	141.94 13.07 -2.01	135.08 10.26 -24.22	131.24 9.40 -31.50	131.90 8.13 -43.33	102.90 8.15 -11.53	87.43 6.73 -5.97
N.E_GEN_SANDY PD 24062	96.90 3.83 -37.57	94.50 3.65 -35.59	90.30 3.30 -32.02	86.05 3.18 -28.05	91.23 3.36 -32.83	103.74 4.01 -38.88	136.08 5.70 -43.97	148.91 7.10 -37.46	128.40 5.68 -40.40	87.00 4.96 -11.19	99.42 4.82 -24.68	99.47 4.51 -32.35	99.59 4.19 -36.39	100.50 4.47 -33.01	102.29 4.65 -29.28	107.20 5.86 -17.61	138.08 6.34 -41.08	153.00 8.28 -22.97	141.00 8.37 -5.76	144.71 6.74 -37.36	139.20 6.32 -42.53	127.46 5.39 -41.62	105.28 5.33 -16.74	93.30 4.48 -14.08
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	65.92 3.77 -6.65	58.69 3.43 0.00	58.06 3.08 0.00	57.72 2.91 0.00	58.18 3.14 0.00	64.62 3.77 0.00	91.85 5.44 0.00	111.44 7.10 0.00	88.17 5.84 0.00	75.82 4.96 0.00	74.74 4.82 0.00	60.19 4.51 6.92	58.69 4.31 4.63	61.01 4.41 6.42	73.01 4.65 0.00	89.59 5.86 0.00	97.18 6.53 0.00	130.75 9.01 0.00	136.00 9.13 0.00	107.74 7.14 0.00	96.95 6.60 0.00	86.00 5.55 0.00	88.45 5.24 0.00	78.92 4.19 0.00
N.QUEENS_27_KV_LOAD 356247	68.00 5.61 -6.89	60.52 5.25 -0.01	59.83 4.84 -0.01	59.43 4.60 -0.01	59.89 4.84 -0.01	66.45 5.60 -0.01	94.02 7.60 -0.01	114.27 9.91 -0.01	90.64 8.31 -0.01	78.09 7.23 -0.01	76.50 6.57 -0.01	73.15 6.57 -3.97	71.30 6.25 -6.03	73.19 6.49 -3.68	75.13 6.77 -0.01	92.11 8.37 -0.01	99.64 8.98 -0.01	133.93 12.17 -0.01	139.31 12.43 -0.01	110.47 9.86 -0.01	99.58 9.22 -0.01	88.18 7.72 -0.01	90.62 7.41 -0.01	80.80 6.05 -0.01
N.TROY___115KV_TB1 355778	67.96 3.33 -9.13	58.47 3.21 0.00	57.95 2.97 0.00	57.56 2.74 0.00	57.96 2.92 0.00	64.50 3.65 0.00	91.68 5.27 0.00	110.61 6.26 0.00	87.18 4.86 0.00	74.97 4.11 0.00	73.97 4.06 0.00	67.70 3.69 -1.39	66.73 3.48 -4.24	68.03 3.72 -1.29	72.32 3.96 0.00	88.67 4.94 0.00	96.01 5.35 0.00	129.05 7.30 0.00	134.22 7.36 0.00	106.44 5.83 0.00	95.77 5.42 0.00	85.11 4.67 0.00	87.87 4.66 0.00	78.77 4.04 0.00
NARROWS_GT1_1 24228	67.78 5.38 -6.89	60.30 5.03 -0.01	59.55 4.56 -0.01	59.21 4.39 -0.01	59.67 4.62 -0.01	66.27 5.41 -0.01	93.75 7.34 0.00	113.94 9.59 0.00	90.31 7.98 -0.01	77.88 7.02 -0.01	76.49 6.57 -0.01	72.72 6.14 -3.97	70.88 5.84 -6.03	72.75 6.05 -3.68	74.58 6.22 -0.01	91.43 7.70 0.00	99.09 8.43 0.00	133.32 11.57 0.00	138.41 11.54 0.00	109.85 9.25 0.00	98.94 8.59 0.00	87.69 7.24 0.00	90.11 6.90 0.00	80.12 5.38 0.00
NARROWS_GT1_2 24229	67.78 5.38 -6.89	60.30 5.03 -0.01	59.55 4.56 -0.01	59.21 4.39 -0.01	59.67 4.62 -0.01	66.27 5.41 -0.01	93.75 7.34 0.00	113.94 9.59 0.00	90.31 7.98 -0.01	77.88 7.02 -0.01	76.49 6.57 -0.01	72.72 6.14 -3.97	70.88 5.84 -6.03	72.75 6.05 -3.68	74.58 6.22 -0.01	91.43 7.70 0.00	99.09 8.43 0.00	133.32 11.57 0.00	138.41 11.54 0.00	109.85 9.25 0.00	98.94 8.59 0.00	87.69 7.24 0.00	90.11 6.90 0.00	80.12 5.38 0.00
NARROWS_GT1_3 24230	67.78 5.38 -6.89	60.30 5.03 -0.01	59.55 4.56 -0.01	59.21 4.39 -0.01	59.67 4.62 -0.01	66.27 5.41 -0.01	93.75 7.34 0.00	113.94 9.59 0.00	90.31 7.98 -0.01	77.88 7.02 -0.01	76.49 6.57 -0.01	72.72 6.14 -3.97	70.88 5.84 -6.03	72.75 6.05 -3.68	74.58 6.22 -0.01	91.43 7.70 0.00	99.09 8.43 0.00	133.32 11.57 0.00	138.41 11.54 0.00	109.85 9.25 0.00	98.94 8.59 0.00	87.69 7.24 0.00	90.11 6.90 0.00	80.12 5.38 0.00
NARROWS_GT1_4 24231	67.78 5.38 -6.89	60.30 5.03 -0.01	59.55 4.56 -0.01	59.21 4.39 -0.01	59.67 4.62 -0.01	66.27 5.41 -0.01	93.75 7.34 0.00	113.94 9.59 0.00	90.31 7.98 -0.01	77.88 7.02 -0.01	76.49 6.57 -0.01	72.72 6.14 -3.97	70.88 5.84 -6.03	72.75 6.05 -3.68	74.58 6.22 -0.01	91.43 7.70 0.00	99.09 8.43 0.00	133.32 11.57 0.00	138.41 11.54 0.00	109.85 9.25 0.00	98.94 8.59 0.00	87.69 7.24 0.00	90.11 6.90 0.00	80.12 5.38 0.00

NARROWS_GT1_5 24232	67.78 5.38 -6.89	60.30 5.03 -0.01	59.55 4.56 -0.01	59.21 4.39 -0.01	59.67 4.62 -0.01	66.27 5.41 -0.01	93.75 7.34 0.00	113.94 9.59 0.00	90.31 7.98 -0.01	77.88 7.02 -0.01	76.49 6.57 -0.01	72.72 6.14 -3.97	70.88 5.84 -6.03	72.75 6.05 -3.68	74.58 6.22 -0.01	91.43 7.70 0.00	99.09 8.43 0.00	133.32 11.57 0.00	138.41 11.54 0.00	109.85 9.25 0.00	98.94 8.59 0.00	87.69 7.24 0.00	90.11 6.90 0.00	80.12 5.38 0.00
NARROWS_GT1_6 24233	67.78 5.38 -6.89	60.30 5.03 -0.01	59.55 4.56 -0.01	59.21 4.39 -0.01	59.67 4.62 -0.01	66.27 5.41 -0.01	93.75 7.34 0.00	113.94 9.59 0.00	90.31 7.98 -0.01	77.88 7.02 -0.01	76.49 6.57 -0.01	72.72 6.14 -3.97	70.88 5.84 -6.03	72.75 6.05 -3.68	74.58 6.22 -0.01	91.43 7.70 0.00	99.09 8.43 0.00	133.32 11.57 0.00	138.41 11.54 0.00	109.85 9.25 0.00	98.94 8.59 0.00	87.69 7.24 0.00	90.11 6.90 0.00	80.12 5.38 0.00
NARROWS_GT1_7 24234	67.78 5.38 -6.89	60.30 5.03 -0.01	59.55 4.56 -0.01	59.21 4.39 -0.01	59.67 4.62 -0.01	66.27 5.41 -0.01	93.75 7.34 0.00	113.94 9.59 0.00	90.31 7.98 -0.01	77.88 7.02 -0.01	76.49 6.57 -0.01	72.72 6.14 -3.97	70.88 5.84 -6.03	72.75 6.05 -3.68	74.58 6.22 -0.01	91.43 7.70 0.00	99.09 8.43 0.00	133.32 11.57 0.00	138.41 11.54 0.00	109.85 9.25 0.00	98.94 8.59 0.00	87.69 7.24 0.00	90.11 6.90 0.00	80.12 5.38 0.00
NARROWS_GT1_8 24235	67.78 5.38 -6.89	60.30 5.03 -0.01	59.55 4.56 -0.01	59.21 4.39 -0.01	59.67 4.62 -0.01	66.27 5.41 -0.01	93.75 7.34 0.00	113.94 9.59 0.00	90.31 7.98 -0.01	77.88 7.02 -0.01	76.49 6.57 -0.01	72.72 6.14 -3.97	70.88 5.84 -6.03	72.75 6.05 -3.68	74.58 6.22 -0.01	91.43 7.70 0.00	99.09 8.43 0.00	133.32 11.57 0.00	138.41 11.54 0.00	109.85 9.25 0.00	98.94 8.59 0.00	87.69 7.24 0.00	90.11 6.90 0.00	80.12 5.38 0.00
NARROWS_GT2_1 24236	67.78 5.38 -6.89	60.30 5.03 -0.01	59.55 4.56 -0.01	59.21 4.39 -0.01	59.67 4.62 -0.01	66.27 5.41 -0.01	93.75 7.34 0.00	113.94 9.59 0.00	90.31 7.98 -0.01	77.88 7.02 -0.01	76.49 6.57 -0.01	72.72 6.14 -3.97	70.88 5.84 -6.03	72.75 6.05 -3.68	74.58 6.22 -0.01	91.43 7.70 0.00	99.09 8.43 0.00	133.32 11.57 0.00	138.41 11.54 0.00	109.85 9.25 0.00	98.94 8.59 0.00	87.69 7.24 0.00	90.11 6.90 0.00	80.12 5.38 0.00
NARROWS_GT2_2 24237	67.78 5.38 -6.89	60.30 5.03 -0.01	59.55 4.56 -0.01	59.21 4.39 -0.01	59.67 4.62 -0.01	66.27 5.41 -0.01	93.75 7.34 0.00	113.94 9.59 0.00	90.31 7.98 -0.01	77.88 7.02 -0.01	76.49 6.57 -0.01	72.72 6.14 -3.97	70.88 5.84 -6.03	72.75 6.05 -3.68	74.58 6.22 -0.01	91.43 7.70 0.00	99.09 8.43 0.00	133.32 11.57 0.00	138.41 11.54 0.00	109.85 9.25 0.00	98.94 8.59 0.00	87.69 7.24 0.00	90.11 6.90 0.00	80.12 5.38 0.00
NARROWS_GT2_3 24238	67.78 5.38 -6.89	60.30 5.03 -0.01	59.55 4.56 -0.01	59.21 4.39 -0.01	59.67 4.62 -0.01	66.27 5.41 -0.01	93.75 7.34 0.00	113.94 9.59 0.00	90.31 7.98 -0.01	77.88 7.02 -0.01	76.49 6.57 -0.01	72.72 6.14 -3.97	70.88 5.84 -6.03	72.75 6.05 -3.68	74.58 6.22 -0.01	91.43 7.70 0.00	99.09 8.43 0.00	133.32 11.57 0.00	138.41 11.54 0.00	109.85 9.25 0.00	98.94 8.59 0.00	87.69 7.24 0.00	90.11 6.90 0.00	80.12 5.38 0.00
NARROWS_GT2_4 24239	67.78 5.38 -6.89	60.30 5.03 -0.01	59.55 4.56 -0.01	59.21 4.39 -0.01	59.67 4.62 -0.01	66.27 5.41 -0.01	93.75 7.34 0.00	113.94 9.59 0.00	90.31 7.98 -0.01	77.88 7.02 -0.01	76.49 6.57 -0.01	72.72 6.14 -3.97	70.88 5.84 -6.03	72.75 6.05 -3.68	74.58 6.22 -0.01	91.43 7.70 0.00	99.09 8.43 0.00	133.32 11.57 0.00	138.41 11.54 0.00	109.85 9.25 0.00	98.94 8.59 0.00	87.69 7.24 0.00	90.11 6.90 0.00	80.12 5.38 0.00
NARROWS_GT2_5 24240	67.78 5.38 -6.89	60.30 5.03 -0.01	59.55 4.56 -0.01	59.21 4.39 -0.01	59.67 4.62 -0.01	66.27 5.41 -0.01	93.75 7.34 0.00	113.94 9.59 0.00	90.31 7.98 -0.01	77.88 7.02 -0.01	76.49 6.57 -0.01	72.72 6.14 -3.97	70.88 5.84 -6.03	72.75 6.05 -3.68	74.58 6.22 -0.01	91.43 7.70 0.00	99.09 8.43 0.00	133.32 11.57 0.00	138.41 11.54 0.00	109.85 9.25 0.00	98.94 8.59 0.00	87.69 7.24 0.00	90.11 6.90 0.00	80.12 5.38 0.00
NARROWS_GT2_6 24241	67.78 5.38 -6.89	60.30 5.03 -0.01	59.55 4.56 -0.01	59.21 4.39 -0.01	59.67 4.62 -0.01	66.27 5.41 -0.01	93.75 7.34 0.00	113.94 9.59 0.00	90.31 7.98 -0.01	77.88 7.02 -0.01	76.49 6.57 -0.01	72.72 6.14 -3.97	70.88 5.84 -6.03	72.75 6.05 -3.68	74.58 6.22 -0.01	91.43 7.70 0.00	99.09 8.43 0.00	133.32 11.57 0.00	138.41 11.54 0.00	109.85 9.25 0.00	98.94 8.59 0.00	87.69 7.24 0.00	90.11 6.90 0.00	80.12 5.38 0.00
NARROWS_GT2_7 24242	67.78 5.38 -6.89	60.30 5.03 -0.01	59.55 4.56 -0.01	59.21 4.39 -0.01	59.67 4.62 -0.01	66.27 5.41 -0.01	93.75 7.34 0.00	113.94 9.59 0.00	90.31 7.98 -0.01	77.88 7.02 -0.01	76.49 6.57 -0.01	72.72 6.14 -3.97	70.88 5.84 -6.03	72.75 6.05 -3.68	74.58 6.22 -0.01	91.43 7.70 0.00	99.09 8.43 0.00	133.32 11.57 0.00	138.41 11.54 0.00	109.85 9.25 0.00	98.94 8.59 0.00	87.69 7.24 0.00	90.11 6.90 0.00	80.12 5.38 0.00
NARROWS_GT2_8 24243	67.78 5.38 -6.89	60.30 5.03 -0.01	59.55 4.56 -0.01	59.21 4.39 -0.01	59.67 4.62 -0.01	66.27 5.41 -0.01	93.75 7.34 0.00	113.94 9.59 0.00	90.31 7.98 -0.01	77.88 7.02 -0.01	76.49 6.57 -0.01	72.72 6.14 -3.97	70.88 5.84 -6.03	72.75 6.05 -3.68	74.58 6.22 -0.01	91.43 7.70 0.00	99.09 8.43 0.00	133.32 11.57 0.00	138.41 11.54 0.00	109.85 9.25 0.00	98.94 8.59 0.00	87.69 7.24 0.00	90.11 6.90 0.00	80.12 5.38 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	66.76 2.78 -8.49	58.47 3.21 0.00	58.06 3.08 0.00	57.67 2.85 0.00	58.07 3.03 0.00	64.62 3.77 0.00	92.03 5.62 0.00	110.61 6.26 0.00	86.93 4.61 0.00	74.40 3.54 0.00	73.69 3.78 0.00	67.28 3.82 -0.85	66.00 3.48 -3.51	67.58 3.78 -0.79	72.19 3.83 0.00	88.84 5.11 0.00	96.46 5.80 0.00	130.02 8.28 0.00	135.49 8.63 0.00	107.24 6.64 0.00	96.32 5.96 0.00	85.92 5.47 0.00	88.70 5.49 0.00	79.67 4.93 0.00
NCHELSEA_115KV_TR2 355582	67.13 4.77 -6.86	59.68 4.42 0.00	59.11 4.12 0.00	58.77 3.95 0.00	59.23 4.18 0.00	65.84 4.99 0.00	93.75 7.34 0.00	113.53 9.18 0.00	89.73 7.41 0.00	77.09 6.24 0.00	75.86 5.94 0.00	68.75 5.45 -0.69	66.92 5.07 -2.84	68.95 5.29 -0.64	74.17 5.81 0.00	91.18 7.45 0.00	99.09 8.43 0.00	133.55 11.81 0.00	138.79 11.93 0.00	109.86 9.26 0.00	98.76 8.40 0.00	87.61 7.16 0.00	90.20 6.99 0.00	80.57 5.83 0.00
NEG CAPITAL___MECHNVIL 23645	69.04 4.33 -9.21	59.57 4.31 0.00	58.94 3.96 0.00	58.49 3.67 0.00	58.89 3.85 0.00	65.72 4.87 0.00	93.67 7.26 0.00	112.91 8.56 0.00	88.82 6.50 0.00	76.17 5.32 0.00	74.88 4.96 0.00	68.46 4.51 -1.34	67.35 4.13 -4.22	68.80 4.54 -1.24	73.28 4.92 0.00	90.18 6.45 0.00	97.82 7.16 0.00	131.73 9.99 0.00	136.01 9.14 0.00	107.85 7.25 0.00	97.04 6.69 0.00	86.24 5.80 0.00	88.94 5.74 0.00	79.74 5.01 0.00

NEG CENTRAL_HIGH_ACRES 23767	54.15 -2.22 -0.87	52.33 -2.93 0.00	51.90 -3.08 0.00	51.80 -3.01 0.00	52.29 -2.75 0.00	58.41 -2.44 0.00	82.95 -3.46 0.00	99.28 -5.11 -0.05	77.88 -4.45 0.00	66.68 -4.18 0.00	65.93 -3.98 0.00	58.76 -3.63 0.22	55.59 -3.48 -0.06	59.35 -3.47 0.20	64.53 -3.83 0.00	78.62 -5.11 0.00	86.22 -4.44 0.00	116.51 -5.23 0.00	122.06 -4.95 -0.14	95.68 -4.93 0.00	85.17 -5.24 -0.07	75.54 -4.91 0.00	78.88 -4.33 0.00	71.30 -3.44 0.00
NEG CENTRAL___DRP 24199	55.92 -0.56 -0.97	54.65 -0.61 0.00	54.27 -0.71 0.00	54.11 -0.71 0.00	54.55 -0.50 0.00	60.97 0.12 0.00	87.01 0.60 0.00	104.45 0.10 0.00	82.07 -0.25 0.00	70.29 -0.57 0.00	69.22 -0.70 0.00	61.61 -0.75 0.25	58.18 -0.89 -0.06	62.22 -0.57 0.23	67.74 -0.62 0.00	83.06 -0.67 0.00	90.66 0.00 0.00	122.23 0.49 0.00	127.12 0.25 0.00	100.50 -0.10 0.00	89.81 -0.54 0.00	79.88 -0.56 0.00	83.04 -0.17 0.00	74.66 -0.07 0.00
NEG CENTRAL___INDECK 23768	54.89 -1.89 -1.28	53.27 -1.99 0.00	52.78 -2.20 0.00	52.74 -2.08 0.00	53.34 -1.71 0.00	59.87 -0.98 0.00	85.20 -1.21 0.00	101.79 -2.51 0.05	79.61 -2.71 0.00	67.74 -3.12 0.00	66.70 -3.21 0.00	59.26 -3.00 0.34	55.76 -3.30 -0.05	60.06 -2.64 0.32	65.49 -2.87 0.00	77.20 -6.53 0.00	85.31 -5.35 0.00	115.05 -6.70 0.00	120.36 -6.34 0.17	94.26 -6.33 0.00	84.04 -6.23 0.08	74.81 -5.63 0.00	78.13 -5.08 0.00	73.39 -1.34 0.00
NEG CENTRAL___SENECA 23627	55.97 -0.61 -1.08	54.76 -0.50 0.00	54.32 -0.66 0.00	54.22 -0.60 0.00	54.71 -0.33 0.00	61.27 0.43 0.00	87.45 1.04 0.00	104.66 0.31 0.00	82.16 -0.16 0.00	70.22 -0.64 0.00	69.15 -0.77 0.00	61.51 -0.81 0.28	57.95 -1.12 -0.06	62.19 -0.57 0.26	67.74 -0.62 0.00	83.06 -0.67 0.00	90.75 0.09 0.00	122.48 0.73 0.00	127.25 0.38 0.00	100.60 0.00 0.00	89.81 -0.54 0.00	79.96 -0.48 0.00	83.21 0.00 0.00	74.96 0.22 0.00
NEG CENTRAL___STATE_STREET 24147	56.29 -0.17 -0.95	54.93 -0.33 0.00	54.54 -0.44 0.00	54.38 -0.44 0.00	54.77 -0.28 0.00	61.09 0.24 0.00	87.27 0.86 0.00	105.08 0.73 0.00	82.73 0.41 0.00	70.93 0.07 0.00	69.85 -0.07 0.00	62.25 -0.13 0.23	58.77 -0.30 -0.06	62.74 -0.06 0.22	68.29 -0.07 0.00	83.73 0.00 0.00	91.29 0.63 0.00	123.08 1.34 0.00	128.26 1.40 0.00	101.41 0.80 0.00	90.71 0.36 0.00	80.61 0.16 0.00	83.46 0.25 0.00	74.89 0.15 0.00
NEG MILLWOOD___DRP 24198	67.55 5.11 -6.94	60.01 4.75 0.00	59.38 4.40 0.00	59.04 4.22 0.00	59.50 4.46 0.00	66.20 5.35 0.00	94.44 8.04 0.00	114.47 10.12 0.00	90.55 8.23 0.00	77.80 6.94 0.00	76.49 6.57 0.00	71.11 5.82 -2.68	69.24 5.43 -4.80	71.17 5.67 -2.49	74.51 6.15 0.00	91.60 7.87 0.00	99.45 8.79 0.00	134.16 12.42 0.00	139.55 12.69 0.00	110.56 9.96 0.00	99.48 9.13 0.00	88.25 7.80 0.00	90.70 7.49 0.00	81.09 6.35 0.00
NEG NORTH_FLCN_SEA 23793	53.95 -1.55 0.00	54.21 -1.05 0.00	54.21 -0.77 0.00	54.49 -0.33 0.00	54.38 -0.66 0.00	58.78 -2.07 0.00	80.79 -5.62 0.00	97.04 -7.30 0.00	77.14 -5.19 0.00	66.75 -4.11 0.00	66.21 -3.71 0.00	59.67 -2.94 0.00	56.12 -2.89 0.00	59.87 -3.15 0.00	65.42 -2.94 0.00	77.92 -5.61 0.20	84.58 -6.07 0.00	113.71 -8.04 0.00	118.49 -8.37 0.00	94.06 -6.54 0.00	84.75 -5.60 0.00	76.10 -4.34 0.00	78.80 -4.41 0.00	71.45 -3.29 0.00
NEG NORTH_KES_CHATEGAY 23792	53.67 -1.83 0.00	53.99 -1.27 0.00	54.05 -0.93 0.00	54.33 -0.49 0.00	54.22 -0.83 0.00	58.84 -2.01 0.00	82.17 -4.23 0.00	98.82 -5.53 0.00	78.37 -3.95 0.00	67.67 -3.19 0.00	66.77 -3.15 0.00	59.73 -2.88 0.00	56.17 -2.83 0.00	59.93 -3.09 0.00	65.42 -2.94 0.00	79.16 -4.35 0.22	85.85 -4.80 0.00	115.41 -6.33 0.00	120.27 -6.60 0.00	95.57 -5.03 0.00	86.02 -4.34 0.00	77.23 -3.22 0.00	79.96 -3.25 0.00	72.49 -2.24 0.00
NEG NORTH___ALICE_FALLS 23915	54.28 -1.22 0.00	54.54 -0.72 0.00	54.54 -0.44 0.00	54.82 0.00 0.00	54.77 -0.28 0.00	59.39 -1.46 0.00	82.35 -4.06 0.00	98.71 -5.63 0.00	78.53 -3.79 0.00	67.88 -2.98 0.00	67.19 -2.73 0.00	60.35 -2.25 0.00	56.77 -2.24 0.00	60.56 -2.46 0.00	66.17 -2.19 0.00	79.34 -4.19 0.20	86.12 -4.53 0.00	115.78 -5.97 0.00	120.65 -6.22 0.00	95.77 -4.83 0.00	86.29 -4.07 0.00	77.47 -2.98 0.00	80.21 -3.00 0.00	72.72 -2.02 0.00
NEG NORTH___LWR_SARANAC 23913	54.28 -1.22 0.00	54.54 -0.72 0.00	54.54 -0.44 0.00	54.82 0.00 0.00	54.77 -0.28 0.00	59.39 -1.46 0.00	82.35 -4.06 0.00	98.71 -5.63 0.00	78.53 -3.79 0.00	67.88 -2.98 0.00	67.19 -2.73 0.00	60.35 -2.25 0.00	56.77 -2.24 0.00	60.56 -2.46 0.00	66.17 -2.19 0.00	79.34 -4.19 0.20	86.12 -4.53 0.00	115.78 -5.97 0.00	120.65 -6.22 0.00	95.77 -4.83 0.00	86.29 -4.07 0.00	77.47 -2.98 0.00	80.21 -3.00 0.00	72.72 -2.02 0.00
NEG NORTH___PLATTSBURG 23628	54.28 -1.22 0.00	54.43 -0.83 0.00	54.54 -0.44 0.00	54.82 0.00 0.00	54.77 -0.27 0.00	59.39 -1.46 0.00	82.35 -4.06 0.00	98.81 -5.53 0.00	78.54 -3.79 0.00	67.53 -3.33 0.00	67.96 -1.96 0.00	60.36 -2.25 0.00	56.94 -2.07 0.00	60.56 -2.46 0.00	66.10 -2.25 0.00	79.34 -4.18 0.20	86.13 -4.53 0.00	115.78 -5.96 0.00	120.91 -5.96 0.00	95.77 -4.83 0.00	86.29 -4.06 0.00	77.55 -2.89 0.00	80.21 -2.99 0.00	72.50 -2.24 0.00
NEG WEST_LEA_LOCKPORT 23791	52.87 -3.72 -1.09	51.56 -3.70 0.00	51.24 -3.74 0.00	51.04 -3.78 0.00	51.57 -3.47 0.00	57.87 -2.98 0.00	80.79 -5.62 0.00	87.09 -9.81 7.45	73.77 -8.40 0.15	63.27 -7.58 0.00	62.92 -6.99 0.00	56.12 -6.20 0.29	53.04 -5.96 0.00	57.26 -5.48 0.27	62.00 -6.36 0.00	74.87 -8.71 0.15	82.07 -8.43 0.15	110.43 -11.08 0.24	92.38 -12.31 22.18	89.14 -10.66 0.80	69.58 -10.57 10.20	71.05 -9.25 0.14	75.97 -7.24 0.00	69.65 -5.08 0.00
NEG WEST___LANCASTR 23811	52.16 -4.61 -1.26	54.98 -0.28 0.00	54.71 -0.27 0.00	54.43 -0.38 0.00	54.99 -0.06 0.00	61.70 0.85 0.00	87.19 0.78 0.00	102.75 -1.57 0.04	80.10 -2.22 0.00	68.44 -2.41 0.00	68.03 -1.89 0.00	60.58 -1.69 0.34	54.76 -4.25 0.00	61.88 -0.82 0.31	67.13 -1.23 0.00	81.39 -2.34 0.00	89.12 -1.54 0.00	120.04 -1.70 0.00	121.74 -4.69 0.44	96.67 -3.92 0.01	86.45 -3.70 0.20	77.79 -2.65 0.00	82.62 -0.58 0.00	75.03 0.30 0.00
NEG_PENN_ALLEGHNY 23528	58.08 0.17 -2.42	55.81 0.55 0.00	55.31 0.33 0.00	55.09 0.28 0.00	55.54 0.49 0.00	61.88 1.03 0.00	88.14 1.73 0.00	105.87 1.57 0.04	83.31 0.99 0.00	71.49 0.64 0.00	70.41 0.49 0.00	62.29 0.38 0.70	58.97 -0.12 -0.08	62.94 0.57 0.65	68.97 0.61 0.00	84.40 0.67 0.00	92.02 1.36 0.00	123.81 2.07 0.00	128.76 2.02 0.13	101.90 1.30 0.00	91.19 0.90 0.06	81.25 0.80 0.00	84.37 1.16 0.00	75.93 1.19 0.00
NEG___GEN_MONROE 24207	54.74 -1.67 -0.90	52.88 -2.38 0.00	52.56 -2.42 0.00	52.35 -2.47 0.00	52.79 -2.26 0.00	59.20 -1.64 0.00	83.73 -2.68 0.00	99.55 -5.11 -0.31	77.80 -4.53 -0.01	66.53 -4.32 0.00	65.72 -4.19 0.00	58.56 -3.82 0.23	55.82 -3.25 -0.06	59.46 -3.34 0.21	64.46 -3.90 0.00	78.38 -5.36 -0.01	85.86 -4.80 -0.01	115.91 -5.84 -0.01	121.76 -5.96 -0.86	95.00 -5.63 -0.03	84.69 -6.05 -0.39	74.82 -5.63 -0.01	78.80 -4.41 0.00	71.45 -3.29 0.00

NEPA__ENERGY 23901	53.82 -2.89 -1.21	53.44 -1.82 0.00	53.22 -1.76 0.00	52.95 -1.86 0.00	53.56 -1.49 0.00	60.18 -0.67 0.00	84.85 -1.56 0.00	99.66 -4.59 0.10	77.96 -4.36 0.00	66.67 -4.18 0.00	66.28 -3.64 0.00	59.03 -3.26 0.32	55.17 -3.84 0.00	60.39 -2.33 0.30	65.42 -2.94 0.00	79.21 -4.52 0.00	86.76 -3.90 0.00	117.48 -4.26 0.00	120.51 -5.71 0.65	95.25 -5.33 0.02	84.37 -5.69 0.29	75.62 -4.83 0.00	80.54 -2.66 0.00	73.32 -1.42 0.00
NEVERSINK__HYD 23608	66.60 5.00 -6.11	59.96 4.69 0.00	59.38 4.40 0.00	59.04 4.22 0.00	59.50 4.46 0.00	66.33 5.48 0.00	94.62 8.21 0.00	114.58 10.23 0.00	90.39 8.07 0.00	77.37 6.51 0.00	75.93 6.01 0.00	65.50 5.44 2.55	63.47 5.01 0.55	65.88 5.23 2.37	74.24 5.88 0.00	91.60 7.87 0.00	100.00 9.34 0.00	134.64 12.90 0.00	140.06 13.19 0.00	110.66 10.06 0.00	99.39 9.03 0.00	88.33 7.89 0.00	90.95 7.74 0.00	81.23 6.50 0.00
NEWKRMKL_115KV_TB1 55635	66.71 2.11 -9.10	57.31 2.04 0.00	56.80 1.81 0.00	56.46 1.64 0.00	56.80 1.76 0.00	63.04 2.19 0.00	89.43 3.02 0.00	108.00 3.65 0.00	85.20 2.88 0.00	73.41 2.55 0.00	73.13 3.22 0.00	66.87 2.94 -1.32	65.94 2.77 -4.16	67.21 2.96 -1.23	71.43 3.08 0.00	87.25 3.52 0.00	94.10 3.44 0.00	126.25 4.50 0.00	131.56 4.69 0.00	104.53 3.92 0.00	94.06 3.70 0.00	83.82 3.38 0.00	86.45 3.25 0.00	77.65 2.91 0.00
NEWTON__FALLS_HYD 23847	53.95 -1.83 -0.28	53.49 -1.77 0.00	53.39 -1.59 0.00	53.23 -1.59 0.00	53.67 -1.38 0.00	58.17 -2.68 0.00	83.21 -3.20 0.00	101.43 -2.92 0.00	79.69 -2.63 0.00	68.94 -1.91 0.00	67.05 -2.87 0.00	59.60 -3.01 0.00	56.20 -2.89 -0.09	59.74 -3.28 0.00	65.21 -3.14 0.00	80.47 -3.35 -0.09	87.03 -3.63 0.00	116.75 -4.99 0.00	122.43 -4.44 0.00	97.58 -3.02 0.00	87.28 -3.07 0.00	78.19 -2.25 0.00	81.13 -2.08 0.00	74.74 0.00 0.00
NGRID_A1_DSASP 323792	52.56 -4.05 -1.11	51.06 -4.20 0.00	50.64 -4.34 0.00	50.38 -4.44 0.00	51.03 -4.02 0.00	57.13 -3.71 0.00	79.93 -6.48 0.00	92.84 -11.37 0.13	72.86 -9.46 0.00	62.35 -8.50 0.00	62.02 -7.90 0.00	55.36 -6.95 0.30	52.09 -6.90 0.02	56.57 -6.17 0.27	61.46 -6.90 0.00	73.77 -9.97 0.00	81.05 -9.61 0.00	109.94 -11.81 0.00	114.68 -11.79 0.39	89.33 -11.27 0.01	78.70 -11.48 0.18	70.47 -9.98 0.00	75.30 -7.91 0.00	68.98 -5.75 0.00
NGRID_A2_DSASP 323793	52.56 -4.05 -1.11	51.06 -4.20 0.00	50.64 -4.34 0.00	50.38 -4.44 0.00	51.03 -4.02 0.00	57.13 -3.71 0.00	79.93 -6.48 0.00	92.84 -11.37 0.13	72.86 -9.46 0.00	62.35 -8.50 0.00	62.02 -7.90 0.00	55.36 -6.95 0.30	52.09 -6.90 0.02	56.57 -6.17 0.27	61.46 -6.90 0.00	73.77 -9.97 0.00	81.05 -9.61 0.00	109.94 -11.81 0.00	114.68 -11.79 0.39	89.33 -11.27 0.01	78.70 -11.48 0.18	70.47 -9.98 0.00	75.30 -7.91 0.00	68.98 -5.75 0.00
NGRID_A4_DSASP 323807	52.56 -4.05 -1.11	51.06 -4.20 0.00	50.64 -4.34 0.00	50.38 -4.44 0.00	51.03 -4.02 0.00	57.13 -3.71 0.00	79.93 -6.48 0.00	92.84 -11.37 0.13	72.86 -9.46 0.00	62.35 -8.50 0.00	62.02 -7.90 0.00	55.36 -6.95 0.30	52.09 -6.90 0.02	56.57 -6.17 0.27	61.46 -6.90 0.00	73.77 -9.97 0.00	81.05 -9.61 0.00	109.94 -11.81 0.00	114.68 -11.79 0.39	89.33 -11.27 0.01	78.70 -11.48 0.18	70.47 -9.98 0.00	75.30 -7.91 0.00	68.98 -5.75 0.00
NIAGARA_115E_LBMP 323715	52.13 -4.49 -1.12	50.79 -4.47 0.00	50.36 -4.62 0.00	50.10 -4.71 0.00	50.75 -4.29 0.00	56.83 -4.02 0.00	79.49 -6.92 0.00	92.84 -11.79 -0.29	72.45 -9.88 -0.01	62.06 -8.79 0.00	61.81 -8.11 0.00	55.11 -7.20 0.30	51.68 -7.32 0.01	56.31 -6.43 0.28	61.11 -7.25 0.00	73.52 -10.22 -0.01	80.60 -10.07 -0.01	109.47 -12.29 -0.02	115.87 -12.43 -1.43	88.99 -11.67 -0.05	79.27 -11.74 -0.66	70.24 -10.22 -0.01	75.14 -8.07 0.00	68.91 -5.83 0.00
NIAGARA_115W_LBMP 323714	52.45 -4.16 -1.11	50.95 -4.31 0.00	50.53 -4.45 0.00	50.27 -4.55 0.00	50.91 -4.13 0.00	57.02 -3.83 0.00	79.67 -6.74 0.00	92.53 -11.59 0.23	72.69 -9.63 0.00	62.21 -8.65 0.00	61.88 -8.04 0.00	55.24 -7.08 0.30	51.97 -7.02 0.02	56.44 -6.30 0.27	61.25 -7.11 0.00	73.60 -10.13 0.00	80.86 -9.79 0.00	109.69 -12.05 0.00	114.16 -12.06 0.65	89.11 -11.47 0.02	78.40 -11.66 0.30	70.31 -10.14 0.00	75.14 -8.07 0.00	68.83 -5.91 0.00
NIAGARA_230_LBMP 323716	52.77 -3.83 -1.10	51.39 -3.87 0.00	50.97 -4.01 0.00	50.71 -4.11 0.00	51.36 -3.69 0.00	57.50 -3.35 0.00	80.53 -5.88 0.00	93.30 -10.43 0.62	73.50 -8.81 0.01	62.92 -7.93 0.00	62.58 -7.34 0.00	55.87 -6.45 0.29	52.49 -6.49 0.02	57.01 -5.73 0.27	61.93 -6.43 0.00	74.43 -9.30 0.01	81.77 -8.88 0.01	110.89 -10.84 0.02	114.26 -10.91 1.69	90.08 -10.46 0.06	79.01 -10.57 0.78	71.11 -9.33 0.01	75.88 -7.32 0.00	69.50 -5.23 0.00
NIAGARA__115KV_198_GIBSON 55903	52.45 -4.16 -1.11	50.84 -4.42 0.00	50.53 -4.45 0.00	50.27 -4.55 0.00	50.80 -4.24 0.00	56.95 -3.89 0.00	79.67 -6.74 0.00	92.68 -11.58 0.09	72.69 -9.63 0.00	62.28 -8.57 0.00	61.88 -8.04 0.00	55.24 -7.07 0.30	52.44 -6.55 0.02	56.44 -6.30 0.27	61.11 -7.25 0.00	73.77 -9.96 0.00	80.86 -9.79 0.00	109.45 -12.30 0.00	112.51 -13.70 0.65	88.71 -11.87 0.02	78.49 -11.57 0.30	70.31 -10.14 0.00	75.14 -8.07 0.00	68.68 -6.05 0.00
NIAGARA____ 23760	52.78 -3.83 -1.11	51.39 -3.87 0.00	50.97 -4.01 0.00	50.71 -4.11 0.00	51.36 -3.69 0.00	57.50 -3.35 0.00	80.53 -5.88 0.00	93.65 -10.43 0.26	73.51 -8.81 0.00	62.92 -7.93 0.00	62.58 -7.34 0.00	55.87 -6.45 0.29	52.50 -6.49 0.02	57.01 -5.73 0.27	61.93 -6.43 0.00	74.43 -9.30 0.00	81.77 -8.88 0.00	110.91 -10.84 0.00	115.32 -10.91 0.64	90.12 -10.46 0.02	79.50 -10.57 0.28	71.11 -9.33 0.00	75.88 -7.32 0.00	69.50 -5.23 0.00
NINE_MILE_1 23575	54.01 -1.94 -0.45	53.16 -2.10 0.00	52.84 -2.15 0.00	52.62 -2.19 0.00	52.95 -2.09 0.00	58.78 -2.07 0.00	83.56 -2.85 0.00	100.80 -3.55 0.00	79.36 -2.96 0.00	68.24 -2.62 0.00	67.33 -2.59 0.00	60.23 -2.38 0.00	56.91 -2.24 -0.14	60.69 -2.33 0.00	65.83 -2.53 0.00	80.64 -3.10 0.00	87.57 -3.08 0.00	117.73 -4.01 0.00	122.80 -4.06 0.00	97.18 -3.42 0.00	87.10 -3.25 0.00	77.47 -2.97 0.00	80.29 -2.91 0.00	72.19 -2.54 0.00
NINE_MILE_2 23744	54.01 -1.94 -0.45	53.16 -2.10 0.00	52.84 -2.15 0.00	52.62 -2.19 0.00	52.95 -2.09 0.00	58.78 -2.07 0.00	83.56 -2.85 0.00	100.80 -3.55 0.00	79.36 -2.96 0.00	68.24 -2.62 0.00	67.33 -2.59 0.00	60.23 -2.38 0.00	56.91 -2.24 -0.14	60.69 -2.33 0.00	65.83 -2.53 0.00	80.64 -3.10 0.00	87.57 -3.08 0.00	117.73 -4.01 0.00	122.80 -4.06 0.00	97.18 -3.42 0.00	87.10 -3.25 0.00	77.47 -2.97 0.00	80.29 -2.91 0.00	72.19 -2.54 0.00
NM_CAPITAL__DRP 24208	66.85 2.28 -9.07	57.42 2.16 0.00	56.96 1.98 0.00	56.57 1.75 0.00	56.97 1.93 0.00	63.22 2.37 0.00	89.61 3.20 0.00	108.31 3.97 0.00	85.37 3.05 0.00	73.62 2.76 0.00	73.20 3.29 0.00	66.96 3.01 -1.35	66.02 2.83 -4.18	67.29 3.02 -1.25	71.50 3.14 0.00	87.33 3.60 0.00	94.28 3.63 0.00	126.49 4.75 0.00	131.81 4.95 0.00	104.73 4.12 0.00	94.24 3.89 0.00	83.90 3.46 0.00	86.62 3.41 0.00	77.73 2.99 0.00

NM_CENTRAL___DRP 24181	55.44 -0.72 -0.66	54.32 -0.94 0.00	53.94 -1.04 0.00	53.78 -1.04 0.00	54.11 -0.94 0.00	60.24 -0.61 0.00	85.80 -0.60 0.00	103.51 -0.83 0.00	81.50 -0.82 0.00	70.01 -0.85 0.00	69.01 -0.91 0.00	61.73 -0.88 0.00	58.33 -0.89 -0.20	62.20 -0.82 0.00	67.40 -0.96 0.00	82.64 -1.09 0.00	89.84 -0.82 0.00	120.89 -0.85 0.00	125.98 -0.89 0.00	99.70 -0.91 0.00	89.36 -0.99 0.00	79.40 -1.05 0.00	82.21 -1.00 0.00	73.84 -0.90 0.00
NM_FRONTIER___DRP 24179	52.45 -4.16 -1.11	50.84 -4.42 0.00	50.53 -4.45 0.00	50.27 -4.55 0.00	50.80 -4.24 0.00	56.95 -3.89 0.00	79.67 -6.74 0.00	92.68 -11.58 0.09	72.69 -9.63 0.00	62.28 -8.57 0.00	61.88 -8.04 0.00	55.24 -7.07 0.30	52.44 -6.55 0.02	56.44 -6.30 0.27	61.11 -7.25 0.00	73.77 -9.96 0.00	80.86 -9.79 0.00	109.45 -12.30 0.00	112.51 -13.70 0.65	88.71 -11.87 0.02	78.49 -11.57 0.30	70.31 -10.14 0.00	75.14 -8.07 0.00	68.68 -6.05 0.00
NM_ST_REGIS___HYD 24053	53.87 -1.83 -0.20	53.71 -1.55 0.00	53.72 -1.26 0.00	53.78 -1.04 0.00	54.05 -0.99 0.00	57.68 -3.16 0.00	81.66 -4.75 0.00	99.03 -5.32 0.00	78.12 -4.20 0.00	67.74 -3.12 0.00	66.21 -3.71 0.00	58.91 -3.69 0.00	55.47 -3.60 -0.06	59.05 -3.97 0.00	64.53 -3.83 0.00	79.37 -4.52 -0.16	85.22 -5.44 0.00	114.32 -7.43 0.00	119.63 -7.23 0.00	95.27 -5.33 0.00	85.38 -4.97 0.00	76.66 -3.78 0.00	79.96 -3.25 0.00	74.36 -0.37 0.00
NORTHPORT___1 23551	68.93 6.55 -6.89	61.34 6.08 0.00	60.21 5.23 0.00	59.81 4.99 0.00	60.10 5.06 0.00	66.87 6.03 0.00	96.00 9.59 0.00	116.55 12.20 0.00	92.11 9.79 0.00	78.93 8.07 0.00	77.83 7.90 -0.01	73.98 7.38 -3.98	72.07 7.02 -6.05	74.21 7.50 -3.69	76.30 7.93 -0.01	102.62 9.79 -9.10	136.11 10.51 -34.94	150.36 14.36 -14.25	143.59 14.71 -2.01	136.19 11.36 -24.22	132.33 10.48 -31.50	132.70 8.93 -43.33	103.81 9.07 -11.53	88.55 7.85 -5.97
NORTHPORT___2 23552	68.93 6.55 -6.89	61.34 6.08 0.00	60.21 5.23 0.00	59.81 4.99 0.00	60.10 5.06 0.00	66.87 6.03 0.00	96.00 9.59 0.00	116.55 12.20 0.00	92.11 9.79 0.00	78.93 8.07 0.00	77.83 7.90 -0.01	73.98 7.38 -3.98	72.07 7.02 -6.05	74.21 7.50 -3.69	76.30 7.93 -0.01	102.62 9.79 -9.10	136.11 10.51 -34.94	150.36 14.36 -14.25	143.59 14.71 -2.01	136.19 11.36 -24.22	132.33 10.48 -31.50	132.70 8.93 -43.33	103.81 9.07 -11.53	88.55 7.85 -5.97
NORTHPORT___3 23553	68.49 6.11 -6.89	60.90 5.64 0.00	59.82 4.84 0.00	59.42 4.61 0.00	59.72 4.68 0.00	66.44 5.59 0.00	95.13 8.72 0.00	115.62 11.27 0.00	91.46 9.14 0.00	78.44 7.59 0.00	77.27 7.34 -0.01	73.48 6.89 -3.98	71.55 6.49 -6.05	73.58 6.87 -3.69	75.61 7.24 -0.01	101.87 9.05 -9.10	135.48 9.88 -34.94	148.17 12.17 -14.25	141.32 12.44 -2.01	135.48 10.66 -24.22	131.79 9.94 -31.50	132.22 8.44 -43.33	103.23 8.49 -11.53	87.81 7.10 -5.97
NORTHPORT___4 23650	68.49 6.11 -6.89	60.90 5.64 0.00	59.82 4.84 0.00	59.42 4.61 0.00	59.72 4.68 0.00	66.44 5.59 0.00	95.13 8.72 0.00	115.62 11.27 0.00	91.46 9.14 0.00	78.44 7.59 0.00	77.27 7.34 -0.01	73.48 6.89 -3.98	71.55 6.49 -6.05	73.58 6.87 -3.69	75.61 7.24 -0.01	101.87 9.05 -9.10	135.48 9.88 -34.94	148.17 12.17 -14.25	141.32 12.44 -2.01	135.48 10.66 -24.22	131.79 9.94 -31.50	132.22 8.44 -43.33	103.23 8.49 -11.53	87.81 7.10 -5.97
NORTHPORT___IC 23718	68.88 6.49 -6.89	61.28 6.02 0.00	60.21 5.22 0.00	59.70 4.88 0.00	60.11 5.06 0.00	66.93 6.08 0.00	96.00 9.59 0.00	116.56 12.21 0.00	92.12 9.80 0.00	78.65 7.79 0.00	77.97 8.04 -0.01	73.98 7.39 -3.98	72.08 7.02 -6.05	74.21 7.50 -3.69	76.30 7.93 -0.01	102.62 9.80 -9.10	136.11 10.52 -34.94	150.36 14.37 -14.25	143.47 14.59 -2.01	136.19 11.37 -24.22	132.24 10.39 -31.50	132.70 8.93 -43.33	103.81 9.07 -11.53	88.55 7.85 -5.97
NORTH___COUNTRY_ESR 323785	53.50 -2.00 0.00	53.71 -1.55 0.00	53.82 -1.16 0.00	54.10 -0.71 0.00	53.99 -1.05 0.00	58.60 -2.25 0.00	81.83 -4.58 0.00	98.51 -5.84 0.00	78.13 -4.20 0.00	67.25 -3.61 0.00	67.12 -2.80 0.00	59.54 -3.07 0.00	56.23 -2.77 0.00	59.68 -3.34 0.00	65.21 -3.14 0.00	78.91 -4.61 0.22	85.58 -5.08 0.00	114.93 -6.82 0.00	120.01 -6.85 0.00	95.17 -5.43 0.00	85.75 -4.60 0.00	76.91 -3.54 0.00	79.72 -3.49 0.00	72.05 -2.69 0.00
NPX_GEN_1385_PROXY 323591	77.10 8.10 -13.50	72.92 7.68 -9.98	71.02 6.82 -9.22	71.33 6.58 -9.94	74.10 6.71 -12.35	84.05 7.85 -15.35	110.60 12.10 -12.09	118.95 14.61 0.00	94.01 11.69 0.00	80.49 9.63 0.00	79.30 9.37 -0.01	75.29 8.70 -3.98	73.67 8.62 -6.05	75.98 9.27 -3.69	82.10 9.85 -3.90	104.55 11.72 -9.10	136.65 11.06 -34.94	151.09 15.09 -14.25	145.25 16.37 -2.01	136.89 12.07 -24.22	132.87 11.02 -31.50	133.26 9.49 -43.33	104.81 10.06 -11.53	90.20 9.49 -5.97
NPX_GEN_CSC 323557	69.10 6.71 -6.89	61.45 6.19 0.00	60.21 5.23 0.00	59.81 4.99 0.00	60.10 5.06 0.00	66.99 6.14 0.00	96.69 10.28 0.00	117.60 13.25 0.00	92.95 10.62 0.00	79.43 8.57 0.00	78.95 9.02 -0.01	74.92 8.33 -3.98	72.84 7.79 -6.05	75.03 8.32 -3.69	77.25 8.88 -0.01	104.13 11.30 -9.10	137.83 12.23 -34.94	153.90 17.90 -14.25	146.51 17.63 -2.01	138.40 13.58 -24.22	134.23 12.38 -31.50	134.23 10.45 -43.33	105.31 10.57 -11.53	90.05 9.34 -5.97
NSINS_S___GLNS_FALLS 23858	69.72 4.94 -9.28	60.12 4.86 0.00	59.49 4.51 0.00	58.93 4.11 0.00	59.34 4.29 0.00	66.38 5.54 0.00	94.96 8.55 0.00	114.47 10.12 0.00	89.81 7.49 0.00	76.88 6.02 0.00	75.44 5.52 0.00	68.72 4.82 -1.29	67.68 4.48 -4.19	69.13 4.92 -1.20	73.76 5.40 0.00	90.77 7.03 0.00	98.45 7.80 0.00	132.95 11.20 0.00	137.40 10.53 0.00	108.65 8.05 0.00	97.85 7.50 0.00	86.88 6.44 0.00	89.61 6.41 0.00	80.19 5.46 0.00
NUCOR_STEEL___DRP 24197	56.36 -0.06 -0.91	55.04 -0.22 0.00	54.60 -0.38 0.00	54.43 -0.38 0.00	54.82 -0.22 0.00	61.09 0.24 0.00	87.19 0.78 0.00	104.97 0.63 0.00	82.57 0.25 0.00	70.86 0.00 0.00	69.85 -0.07 0.00	62.20 -0.19 0.22	58.77 -0.30 -0.06	62.68 -0.13 0.21	68.22 -0.14 0.00	83.65 -0.08 0.00	91.11 0.45 0.00	122.96 1.22 0.00	128.01 1.14 0.00	101.31 0.70 0.00	90.71 0.36 0.00	80.53 0.08 0.00	83.37 0.17 0.00	74.89 0.15 0.00
NUMBER_THREE_WT_PWR 323818	54.97 -0.83 -0.30	54.37 -0.89 0.00	54.10 -0.88 0.00	53.89 -0.93 0.00	54.44 -0.60 0.00	60.12 -0.73 0.00	86.50 0.09 0.00	105.50 1.15 0.00	82.90 0.58 0.00	71.64 0.78 0.00	69.57 -0.35 0.00	61.92 -0.69 0.00	58.33 -0.77 -0.09	62.13 -0.88 0.00	67.67 -0.68 0.00	83.61 -0.17 -0.04	91.02 0.36 0.00	122.11 0.37 0.00	127.88 1.01 0.00	102.21 1.60 0.00	91.44 1.09 0.00	81.57 1.13 0.00	84.21 1.00 0.00	76.23 1.49 0.00
NYISO_LBMP_REFERENCE 24008	55.50 0.00 0.00	55.26 0.00 0.00	54.98 0.00 0.00	54.82 0.00 0.00	55.04 0.00 0.00	60.85 0.00 0.00	86.41 0.00 0.00	104.35 0.00 0.00	82.32 0.00 0.00	70.86 0.00 0.00	69.92 0.00 0.00	62.61 0.00 0.00	59.01 0.00 0.00	63.02 0.00 0.00	68.36 0.00 0.00	83.73 0.00 0.00	90.66 0.00 0.00	121.75 0.00 0.00	126.87 0.00 0.00	100.60 0.00 0.00	90.35 0.00 0.00	80.45 0.00 0.00	83.21 0.00 0.00	74.74 0.00 0.00

NYPA_BRENTWD____GT 24164	69.44	61.83	60.65	60.25	60.55	67.42	96.86	117.71	93.02	79.64	78.60	74.67	72.61	74.78	76.92	103.55	137.11	151.58	144.73	137.09	133.05	133.91	104.89	89.37
	7.05	6.57	5.66	5.43	5.50	6.57	10.45	13.36	10.70	8.78	8.67	8.08	7.55	8.07	8.54	10.72	11.51	15.59	15.86	12.27	11.20	10.14	10.15	8.67
	-6.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-3.98	-6.05	-3.69	-0.01	-9.10	-34.94	-14.25	-2.01	-24.22	-31.50	-43.33	-11.53	-5.97
NYPA_GOWANUS____GT5 24156	67.78	60.30	59.55	59.16	59.62	66.27	93.75	113.94	90.23	77.81	76.49	72.65	70.88	72.69	74.52	84.69	83.04	117.15	122.52	93.85	83.09	76.08	76.10	74.66
	5.38	5.03	4.56	4.33	4.57	5.41	7.34	9.59	7.90	6.95	6.57	6.07	5.84	5.99	6.15	7.62	8.34	11.44	11.54	9.15	8.59	7.16	6.82	5.31
	-6.89	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.01	-0.01	-0.01	-3.97	-6.03	-3.68	-0.01	6.66	15.95	16.04	15.89	15.90	15.85	11.52	13.93	5.39
NYPA_GOWANUS____GT6 24157	67.78	60.30	59.55	59.16	59.62	66.27	93.75	113.94	90.23	77.81	76.49	72.65	70.88	72.69	74.52	84.69	83.04	117.15	122.52	93.85	83.09	76.08	76.10	74.66
	5.38	5.03	4.56	4.33	4.57	5.41	7.34	9.59	7.90	6.95	6.57	6.07	5.84	5.99	6.15	7.62	8.34	11.44	11.54	9.15	8.59	7.16	6.82	5.31
	-6.89	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.01	-0.01	-0.01	-3.97	-6.03	-3.68	-0.01	6.66	15.95	16.04	15.89	15.90	15.85	11.52	13.93	5.39
NYPA_HARLEM__RVR__GT1 24160	67.84	60.41	59.66	59.32	59.78	66.33	93.85	113.95	90.31	77.88	76.22	72.97	71.06	73.00	74.86	91.86	99.37	133.56	138.80	110.17	99.31	88.01	90.37	80.58
	5.44	5.14	4.67	4.50	4.73	5.48	7.43	9.59	7.98	7.02	6.30	6.39	6.02	6.30	6.50	8.12	8.70	11.81	11.92	9.56	8.95	7.56	7.16	5.83
	-6.89	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-3.97	-6.03	-3.68	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
NYPA_HARLEM__RVR__GT2 24161	67.84	60.41	59.66	59.32	59.78	66.33	93.85	113.95	90.31	77.88	76.22	72.97	71.06	73.00	74.86	91.86	99.37	133.56	138.80	110.17	99.31	88.01	90.37	80.58
	5.44	5.14	4.67	4.50	4.73	5.48	7.43	9.59	7.98	7.02	6.30	6.39	6.02	6.30	6.50	8.12	8.70	11.81	11.92	9.56	8.95	7.56	7.16	5.83
	-6.89	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-3.97	-6.03	-3.68	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
NYPA_KENT____GT 24152	67.67	60.24	59.50	59.11	59.57	66.15	93.67	113.74	90.16	77.81	76.43	72.78	70.94	72.75	74.59	91.43	99.09	133.19	138.41	109.76	98.94	87.60	90.03	80.12
	5.28	4.98	4.51	4.28	4.51	5.29	7.26	9.40	7.82	6.95	6.50	6.20	5.90	6.05	6.22	7.70	8.43	11.44	11.54	9.15	8.59	7.16	6.82	5.38
	-6.89	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.01	-0.01	-0.01	-3.97	-6.03	-3.68	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_POUCH1____GT 24155	67.72	60.24	59.50	59.11	59.56	66.27	93.58	113.74	90.07	77.74	76.35	72.40	70.65	72.43	74.24	91.01	98.64	132.71	137.78	109.35	98.49	87.28	89.70	79.67
	5.33	4.98	4.51	4.28	4.51	5.41	7.17	9.40	7.74	6.87	6.43	5.82	5.61	5.73	5.88	7.28	7.98	10.96	10.91	8.75	8.14	6.83	6.49	4.93
	-6.89	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.01	-0.01	-0.01	-3.97	-6.03	-3.68	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_VERNON____GT2 24162	67.56	60.13	59.39	59.05	59.46	66.02	93.58	113.63	90.16	77.74	76.35	72.78	70.94	72.81	74.65	91.60	99.18	133.32	138.41	109.85	99.03	87.69	90.11	80.19
	5.16	4.86	4.40	4.22	4.41	5.17	7.17	9.28	7.82	6.87	6.43	6.20	5.90	6.11	6.28	7.87	8.52	11.57	11.54	9.25	8.67	7.24	6.90	5.45
	-6.90	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.01	-0.01	-0.01	-3.97	-6.04	-3.68	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_VERNON____GT3 24163	67.56	60.13	59.39	59.05	59.46	66.02	93.58	113.63	90.16	77.74	76.35	72.78	70.94	72.81	74.65	91.60	99.18	133.32	138.41	109.85	99.03	87.69	90.11	80.19
	5.16	4.86	4.40	4.22	4.41	5.17	7.17	9.28	7.82	6.87	6.43	6.20	5.90	6.11	6.28	7.87	8.52	11.57	11.54	9.25	8.67	7.24	6.90	5.45
	-6.90	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.01	-0.01	-0.01	-3.97	-6.04	-3.68	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA__ASTORIA_CC1 323568	67.50	60.13	59.39	58.99	59.46	65.97	93.49	113.53	90.07	77.67	76.29	72.78	70.94	72.75	74.58	91.52	99.09	133.07	138.29	109.75	98.94	87.60	90.03	80.19
	5.10	4.86	4.40	4.16	4.41	5.11	7.09	9.18	7.74	6.80	6.36	6.20	5.90	6.05	6.22	7.79	8.43	11.32	11.42	9.15	8.59	7.16	6.82	5.45
	-6.89	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.01	-0.01	-0.01	-3.97	-6.03	-3.68	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA__ASTORIA_CC2 323569	67.56	60.13	59.39	59.05	59.51	66.02	93.58	113.63	90.15	77.74	76.35	72.78	70.94	72.81	74.65	91.60	99.09	133.19	138.29	109.85	99.03	87.69	90.11	80.27
	5.16	4.86	4.40	4.22	4.46	5.17	7.17	9.28	7.82	6.87	6.43	6.20	5.90	6.11	6.28	7.87	8.43	11.44	11.42	9.25	8.67	7.24	6.90	5.53
	-6.89	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.01	-0.01	-0.01	-3.97	-6.03	-3.68	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA__HOLTSVILL 23794	68.99	61.39	60.21	59.81	60.10	66.93	96.26	116.97	92.44	79.14	78.18	74.29	72.25	74.40	76.50	103.12	136.84	151.82	144.86	137.19	133.14	133.42	104.39	89.00
	6.60	6.13	5.23	4.99	5.06	6.08	9.85	12.62	10.12	8.29	8.25	7.70	7.20	7.69	8.13	10.30	11.24	15.82	15.99	12.37	11.29	9.65	9.65	8.29
	-6.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-3.98	-6.05	-3.69	-0.01	-9.10	-34.94	-14.25	-2.01	-24.22	-31.50	-43.33	-11.53	-5.97
NYPA__HELLGATE_GT1 24158	67.84	60.41	59.66	59.32	59.78	66.33	93.85	113.95	90.40	77.95	76.29	72.97	71.06	73.00	74.86	91.86	99.37	133.56	138.80	110.17	99.31	88.01	90.37	80.58
	5.44	5.14	4.67	4.50	4.73	5.48	7.43	9.59	8.07	7.08	6.36	6.39	6.02	6.30	6.50	8.12	8.70	11.81	11.92	9.56	8.95	7.56	7.16	5.83
	-6.89	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-3.97	-6.03	-3.68	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
NYPA__HELLGATE_GT2 24159	67.84	60.41	59.66	59.32	59.78	66.33	93.85	113.95	90.40	77.95	76.29	72.97	71.06	73.00	74.86	91.86	99.37	133.56	138.80	110.17	99.31	88.01	90.37	80.58
	5.44	5.14	4.67	4.50	4.73	5.48	7.43	9.59	8.07	7.08	6.36	6.39	6.02	6.30	6.50	8.12	8.70	11.81	11.92	9.56	8.95	7.56	7.16	5.83
	-6.89	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-3.97	-6.03	-3.68	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01
NYS_BARGE__HYD 23848	53.03	51.83	51.41	51.20	51.85	58.11	81.23	96.74	74.38	63.63	63.27	56.37	52.81	57.52	62.48	75.23	82.72	111.45	121.43	90.72	82.33	71.55	76.30	70.03
	-3.55	-3.43	-3.57	-3.62	-3.19	-2.74	-5.18	-9.49	-7.98	-7.23	-6.64	-5.95	-6.19	-5.23	-5.88	-8.54	-7.98	-10.35	-10.40	-10.06	-10.30	-8.93	-6.91	-4.71
	-1.08	0.00	0.00	0.00	0.00	0.00	0.00	-1.89	-0.04	0.00	0.00	0.29	0.00	0.27	0.00	-0.04	-0.04	-0.05	-4.96	-0.18	-2.28	-0.03	0.00	0.00

OAK ORCHARD___HYD 24046	54.73 -1.66 -0.90	52.83 -2.43 0.00	52.40 -2.58 0.00	52.30 -2.52 0.00	52.78 -2.26 0.00	58.96 -1.89 0.00	83.47 -2.94 0.00	99.69 -4.90 -0.25	78.04 -4.28 0.00	66.82 -4.04 0.00	66.14 -3.78 0.00	58.94 -3.44 0.23	55.88 -3.19 -0.06	59.66 -3.15 0.21	64.87 -3.48 0.00	78.80 -4.94 0.00	86.40 -4.26 0.00	116.75 -5.00 -0.01	123.08 -4.44 -0.66	95.80 -4.83 -0.02	85.41 -5.24 -0.30	75.54 -4.91 0.00	79.21 -3.99 0.00	71.82 -2.92 0.00
OAKDALE___35_KV_LOAD 356122	57.91 0.00 -2.41	55.59 0.33 0.00	55.20 0.22 0.00	54.98 0.16 0.00	55.37 0.33 0.00	61.70 0.85 0.00	87.88 1.47 0.00	105.60 1.25 0.00	82.98 0.66 0.00	71.14 0.28 0.00	70.20 0.28 0.00	62.09 0.19 0.71	58.90 -0.18 -0.07	62.74 0.38 0.66	68.70 0.34 0.00	84.15 0.42 0.00	91.65 1.00 0.00	123.33 1.58 0.00	127.99 1.27 0.14	101.40 0.80 0.00	90.92 0.63 0.06	80.93 0.48 0.00	84.04 0.83 0.00	75.63 0.90 0.00
OCC_CHEM___DRP 24175	52.56 -4.05 -1.11	50.95 -4.31 0.00	50.64 -4.34 0.00	50.38 -4.44 0.00	50.91 -4.13 0.00	57.14 -3.71 0.00	79.84 -6.57 0.00	92.97 -11.37 0.00	72.85 -9.47 0.00	62.42 -8.43 0.00	62.02 -7.90 0.00	55.36 -6.95 0.30	52.56 -6.43 0.02	56.57 -6.18 0.27	61.25 -7.11 0.00	73.94 -9.80 0.00	81.05 -9.61 0.00	109.69 -12.05 0.00	113.03 -13.45 0.39	88.92 -11.67 0.01	78.79 -11.38 0.18	70.47 -9.98 0.00	75.30 -7.90 0.00	68.83 -5.90 0.00
OH_GEN_PROXY 24063	52.83 -3.78 -1.10	51.50 -3.76 0.00	51.08 -3.90 0.00	50.82 -4.00 0.00	51.47 -3.58 0.00	57.62 -3.23 0.00	80.70 -5.71 0.00	84.59 -10.02 9.74	73.84 -8.48 0.01	63.20 -7.65 0.00	62.78 -7.13 0.00	56.06 -6.26 0.29	52.68 -6.31 0.01	57.20 -5.55 0.27	62.14 -6.22 0.00	74.77 -8.96 0.01	82.12 -8.53 0.01	111.38 -10.35 0.01	115.00 -10.40 1.47	90.49 -10.06 0.05	79.47 -10.21 0.67	71.43 -9.01 0.01	76.13 -7.07 0.00	69.73 -5.01 0.00
OLIN_CORP_DRP 24177	52.24 -4.38 -1.13	50.84 -4.42 0.00	50.53 -4.45 0.00	50.27 -4.55 0.00	50.80 -4.24 0.00	57.01 -3.83 0.00	79.76 -6.65 0.00	93.33 -11.37 -0.36	72.70 -9.63 -0.01	62.35 -8.50 0.00	61.95 -7.97 0.00	55.30 -7.01 0.30	52.39 -6.61 0.01	56.50 -6.24 0.28	61.18 -7.18 0.00	73.94 -9.80 -0.01	80.87 -9.79 -0.01	109.59 -12.17 -0.01	114.43 -13.45 -1.01	89.07 -11.57 -0.04	79.44 -11.38 -0.47	70.48 -9.98 -0.01	75.30 -7.90 0.00	68.91 -5.83 0.00
OLIN_CORP_DSASP 323712	52.56 -4.05 -1.11	51.06 -4.20 0.00	50.64 -4.34 0.00	50.38 -4.44 0.00	51.03 -4.02 0.00	57.13 -3.71 0.00	79.93 -6.48 0.00	92.84 -11.37 0.13	72.86 -9.46 0.00	62.35 -8.50 0.00	62.02 -7.90 0.00	55.36 -6.95 0.30	52.09 -6.90 0.02	56.57 -6.17 0.27	61.46 -6.90 0.00	73.77 -9.97 0.00	81.05 -9.61 0.00	109.94 -11.81 0.00	114.68 -11.79 0.39	89.33 -11.27 0.01	78.70 -11.48 0.18	70.47 -9.98 0.00	75.30 -7.91 0.00	68.98 -5.75 0.00
ONEIDA_HERK_LFGE 323681	56.35 0.61 -0.24	55.81 0.55 0.00	55.53 0.55 0.00	55.25 0.44 0.00	55.71 0.66 0.00	61.76 0.91 0.00	88.48 2.07 0.00	107.47 3.13 0.00	84.46 2.14 0.00	72.70 1.84 0.00	71.03 1.12 0.00	63.55 0.94 0.00	59.85 0.77 -0.07	63.90 0.88 0.00	69.38 1.03 0.00	85.42 1.67 -0.02	93.01 2.35 0.00	124.79 3.04 0.00	130.41 3.55 0.00	103.62 3.02 0.00	92.88 2.53 0.00	82.70 2.25 0.00	85.37 2.16 0.00	76.98 2.24 0.00
ONEIDA___115KV_TB4 55905	57.32 1.39 -0.43	56.64 1.38 0.00	56.25 1.26 0.00	56.02 1.21 0.00	56.47 1.43 0.00	62.85 2.01 0.00	89.95 3.54 0.00	108.94 4.59 0.00	85.61 3.29 0.00	73.41 2.55 0.00	72.08 2.17 0.00	64.42 1.82 0.00	60.73 1.59 -0.13	64.84 1.83 0.00	70.41 2.05 0.00	86.59 2.85 -0.01	94.28 3.63 0.00	126.49 4.75 0.00	131.94 5.07 0.00	104.53 3.92 0.00	93.70 3.34 0.00	83.34 2.90 0.00	86.04 2.83 0.00	77.35 2.62 0.00
ONONDAGA_REF_OCCRA 23987	55.88 -0.44 -0.82	54.71 -0.55 0.00	54.27 -0.71 0.00	54.11 -0.71 0.00	54.49 -0.55 0.00	60.60 -0.24 0.00	86.41 0.00 0.00	104.24 -0.10 0.00	82.07 -0.25 0.00	70.50 -0.35 0.00	69.43 -0.49 0.00	61.91 -0.50 0.20	58.53 -0.53 -0.06	62.39 -0.44 0.19	67.88 -0.48 0.00	83.23 -0.50 0.00	90.57 -0.09 0.00	121.87 0.12 0.00	126.99 0.13 0.00	100.50 -0.10 0.00	89.99 -0.36 0.00	79.96 -0.48 0.00	82.87 -0.33 0.00	74.44 -0.30 0.00
ONONDAGA___COGEN 23986	55.82 -0.44 -0.76	54.65 -0.61 0.00	54.21 -0.77 0.00	54.05 -0.77 0.00	54.44 -0.61 0.00	60.54 -0.30 0.00	86.32 -0.09 0.00	104.14 -0.21 0.00	81.99 -0.33 0.00	70.43 -0.43 0.00	69.43 -0.49 0.00	62.05 -0.56 0.00	58.65 -0.59 -0.23	62.51 -0.50 0.00	67.81 -0.55 0.00	83.15 -0.59 0.00	90.48 -0.18 0.00	121.75 0.00 0.00	126.87 0.00 0.00	100.40 -0.20 0.00	89.90 -0.45 0.00	79.88 -0.56 0.00	82.71 -0.50 0.00	74.29 -0.45 0.00
ONTARIO___LFGE 23819	55.97 -0.61 -1.08	54.82 -0.44 0.00	54.32 -0.66 0.00	54.22 -0.60 0.00	54.77 -0.27 0.00	61.28 0.43 0.00	87.45 1.04 0.00	104.56 0.21 0.00	82.16 -0.16 0.00	70.22 -0.64 0.00	69.15 -0.77 0.00	61.51 -0.82 0.28	57.77 -1.30 -0.06	62.19 -0.57 0.26	67.81 -0.55 0.00	82.90 -0.84 0.00	90.75 0.09 0.00	122.48 0.73 0.00	127.76 0.89 0.00	100.70 0.10 0.00	89.72 -0.63 0.00	79.97 -0.48 0.00	83.21 0.00 0.00	75.11 0.38 0.00
ORANGEVILLE_WT_PWR 323706	53.86 -3.00 -1.35	53.22 -2.04 0.00	52.84 -2.15 0.00	52.62 -2.19 0.00	53.34 -1.71 0.00	59.75 -1.09 0.00	84.33 -2.07 0.00	99.07 -5.01 0.27	77.79 -4.53 0.00	66.32 -4.54 0.00	65.79 -4.13 0.00	58.55 -3.69 0.36	54.60 -4.43 -0.01	59.78 -2.90 0.34	65.08 -3.28 0.00	78.87 -4.86 0.00	86.67 -3.99 0.00	117.37 -4.38 0.00	121.46 -4.56 0.85	95.45 -5.13 0.02	84.37 -5.60 0.39	75.78 -4.67 0.00	80.21 -2.99 0.00	73.16 -1.57 0.00
ORANGEVILLE___ESR 323794	53.86 -3.00 -1.35	53.22 -2.04 0.00	52.84 -2.15 0.00	52.62 -2.19 0.00	53.34 -1.71 0.00	59.75 -1.09 0.00	84.33 -2.07 0.00	99.07 -5.01 0.27	77.79 -4.53 0.00	66.32 -4.54 0.00	65.79 -4.13 0.00	58.55 -3.69 0.36	54.60 -4.43 -0.01	59.78 -2.90 0.34	65.08 -3.28 0.00	78.87 -4.86 0.00	86.67 -3.99 0.00	117.37 -4.38 0.00	121.46 -4.56 0.85	95.45 -5.13 0.02	84.37 -5.60 0.39	75.78 -4.67 0.00	80.21 -2.99 0.00	73.16 -1.57 0.00
OSWEGATCHIE___HYD 24044	53.95 -1.83 -0.28	53.49 -1.77 0.00	53.33 -1.65 0.00	53.18 -1.64 0.00	53.67 -1.37 0.00	58.17 -2.68 0.00	83.21 -3.20 0.00	101.43 -2.92 0.00	79.68 -2.64 0.00	68.87 -1.98 0.00	67.26 -2.66 0.00	59.60 -3.00 0.00	56.20 -2.89 -0.09	59.74 -3.28 0.00	65.21 -3.14 0.00	80.47 -3.35 -0.09	87.03 -3.63 0.00	116.75 -5.00 0.00	122.55 -4.31 0.00	97.59 -3.02 0.00	87.37 -2.98 0.00	78.19 -2.25 0.00	81.13 -2.08 0.00	74.66 -0.07 0.00
OSWEGO___5 23606	54.63 -1.44 -0.57	53.71 -1.55 0.00	53.33 -1.65 0.00	53.18 -1.64 0.00	53.50 -1.54 0.00	59.39 -1.46 0.00	84.51 -1.90 0.00	101.84 -2.51 0.00	80.27 -2.05 0.00	68.95 -1.91 0.00	67.96 -1.96 0.00	60.86 -1.75 0.00	57.47 -1.71 -0.18	61.32 -1.70 0.00	66.51 -1.84 0.00	81.48 -2.26 0.00	88.48 -2.18 0.00	118.82 -2.92 0.00	123.95 -2.91 0.00	98.09 -2.51 0.00	87.92 -2.44 0.00	78.11 -2.34 0.00	80.96 -2.24 0.00	72.79 -1.94 0.00

OSWEGO___6 23613	54.63 -1.44 -0.57	53.71 -1.55 0.00	53.33 -1.65 0.00	53.18 -1.64 0.00	53.50 -1.54 0.00	59.39 -1.46 0.00	84.51 -1.90 0.00	101.84 -2.51 0.00	80.27 -2.05 0.00	68.95 -1.91 0.00	67.96 -1.96 0.00	60.86 -1.75 0.00	57.47 -1.71 -0.18	61.32 -1.70 0.00	66.51 -1.84 0.00	81.48 -2.26 0.00	88.48 -2.18 0.00	118.82 -2.92 0.00	123.95 -2.91 0.00	98.09 -2.51 0.00	87.92 -2.44 0.00	78.11 -2.34 0.00	80.96 -2.24 0.00	72.79 -1.94 0.00
OUTOKUMPU-AB___DRP 24206	53.58 -3.05 -1.13	52.44 -2.82 0.00	52.18 -2.80 0.00	51.86 -2.96 0.00	52.40 -2.64 0.00	58.84 -2.01 0.00	82.26 -4.15 0.00	96.67 -8.24 -0.57	75.25 -7.08 -0.01	64.41 -6.45 0.00	64.04 -5.87 0.00	57.11 -5.20 0.30	53.87 -5.13 0.01	58.39 -4.35 0.28	63.16 -5.20 0.00	76.29 -7.45 -0.01	83.60 -7.07 -0.01	113.00 -8.77 -0.02	118.09 -10.02 -1.25	91.80 -8.85 -0.05	81.89 -9.04 -0.58	72.73 -7.72 -0.01	77.55 -5.66 0.00	70.77 -3.96 0.00
OXBOW___BTM 323836	53.18 -3.44 -1.12	51.89 -3.37 0.00	51.52 -3.46 0.00	51.20 -3.62 0.00	51.91 -3.14 0.00	58.11 -2.74 0.00	81.23 -5.18 0.00	94.93 -9.60 -0.18	74.18 -8.15 -0.01	63.48 -7.37 0.00	63.20 -6.71 0.00	56.36 -5.95 0.30	52.86 -6.14 0.01	57.64 -5.10 0.28	62.55 -5.81 0.00	75.12 -8.62 -0.01	82.51 -8.16 -0.01	111.90 -9.86 -0.01	117.43 -9.90 -0.45	90.86 -9.76 -0.02	80.45 -10.12 -0.21	71.76 -8.69 0.00	76.55 -6.66 0.00	70.10 -4.63 0.00
OXBOW____ 24026	53.18 -3.44 -1.12	51.78 -3.48 0.00	51.52 -3.46 0.00	51.20 -3.62 0.00	51.74 -3.30 0.00	58.11 -2.74 0.00	81.22 -5.18 0.00	95.11 -9.50 -0.26	74.26 -8.07 -0.01	63.56 -7.30 0.00	63.20 -6.71 0.00	56.36 -5.95 0.30	53.33 -5.66 0.01	57.64 -5.10 0.28	62.34 -6.02 0.00	75.28 -8.46 -0.01	82.50 -8.16 -0.01	111.65 -10.10 -0.01	115.90 -11.42 -0.45	90.56 -10.06 -0.02	80.53 -10.03 -0.21	71.76 -8.69 0.00	76.55 -6.66 0.00	69.95 -4.78 0.00
OXY_CHEM_DSASP 323612	52.56 -4.05 -1.11	50.95 -4.31 0.00	50.64 -4.34 0.00	50.38 -4.44 0.00	50.91 -4.13 0.00	57.14 -3.71 0.00	79.84 -6.57 0.00	92.97 -11.37 0.00	72.85 -9.47 0.00	62.42 -8.43 0.00	62.02 -7.90 0.00	55.36 -6.95 0.30	52.56 -6.43 0.02	56.57 -6.18 0.27	61.25 -7.11 0.00	73.94 -9.80 0.00	81.05 -9.61 0.00	109.69 -12.05 0.00	113.03 -13.45 0.39	88.92 -11.67 0.01	78.79 -11.38 0.18	70.47 -9.98 0.00	75.30 -7.90 0.00	68.83 -5.90 0.00
OZONE_PARK_ESR 323760	67.66 5.27 -6.89	60.12 4.86 0.00	59.49 4.51 0.00	59.09 4.28 0.00	59.56 4.51 0.00	66.14 5.29 0.00	93.84 7.43 0.00	114.16 9.81 0.00	90.39 8.07 0.00	77.94 7.09 0.00	76.70 6.78 0.00	72.95 6.39 -3.96	71.17 6.14 -6.02	72.99 6.30 -3.67	74.85 6.49 0.00	91.85 8.12 0.00	99.63 8.98 0.00	134.16 12.42 0.00	139.43 12.56 0.00	110.46 9.86 0.00	99.39 9.04 0.00	88.01 7.56 0.00	90.45 7.24 0.00	80.49 5.75 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	52.56 -4.05 -1.11	50.95 -4.31 0.00	50.64 -4.34 0.00	50.38 -4.44 0.00	50.91 -4.13 0.00	57.14 -3.71 0.00	79.84 -6.57 0.00	92.97 -11.37 0.00	72.85 -9.47 0.00	62.42 -8.43 0.00	62.02 -7.90 0.00	55.36 -6.95 0.30	52.56 -6.43 0.02	56.57 -6.18 0.27	61.25 -7.11 0.00	73.94 -9.80 0.00	81.05 -9.61 0.00	109.69 -12.05 0.00	113.03 -13.45 0.39	88.92 -11.67 0.01	78.79 -11.38 0.18	70.47 -9.98 0.00	75.30 -7.90 0.00	68.83 -5.90 0.00
PACKARD__115KV_DUPONT_184 80571	52.56 -4.05 -1.11	50.95 -4.31 0.00	50.64 -4.34 0.00	50.38 -4.44 0.00	50.91 -4.13 0.00	57.14 -3.71 0.00	79.84 -6.57 0.00	92.97 -11.37 0.00	72.85 -9.47 0.00	62.42 -8.43 0.00	62.02 -7.90 0.00	55.36 -6.95 0.30	52.56 -6.43 0.02	56.57 -6.18 0.27	61.25 -7.11 0.00	73.94 -9.80 0.00	81.05 -9.61 0.00	109.69 -12.05 0.00	113.03 -13.45 0.39	88.92 -11.67 0.01	78.79 -11.38 0.18	70.47 -9.98 0.00	75.30 -7.90 0.00	68.83 -5.90 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	67.72 5.33 -6.89	60.24 4.97 -0.01	59.55 4.56 -0.01	59.16 4.33 -0.01	59.62 4.57 -0.01	66.27 5.42 -0.01	93.85 7.43 -0.01	113.85 9.50 -0.01	90.32 7.99 -0.01	77.74 6.87 -0.01	76.36 6.43 -0.01	72.84 6.26 -3.97	70.94 5.90 -6.03	72.81 6.11 -3.68	74.79 6.43 -0.01	91.78 8.04 -0.01	99.28 8.61 -0.01	133.44 11.69 -0.01	138.80 11.93 -0.01	110.07 9.46 -0.01	99.21 8.85 -0.01	87.85 7.40 -0.01	90.29 7.07 -0.01	80.50 5.75 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	68.28 5.88 -6.89	60.79 5.53 -0.01	60.10 5.11 -0.01	59.76 4.93 -0.01	60.22 5.17 -0.01	66.82 5.96 -0.01	94.63 8.21 -0.01	114.89 10.54 -0.01	91.06 8.73 -0.01	78.38 7.51 -0.01	76.92 6.99 -0.01	73.28 6.70 -3.97	71.41 6.37 -6.03	73.31 6.62 -3.68	75.34 6.97 -0.01	92.45 8.71 -0.01	100.00 9.34 -0.01	134.54 12.78 -0.01	139.81 12.94 -0.01	110.87 10.26 -0.01	99.94 9.58 -0.01	88.58 8.13 -0.01	91.12 7.90 -0.01	81.17 6.43 -0.01
PATROON__115KV_TB1 80586	66.90 2.28 -9.13	57.42 2.16 0.00	56.96 1.98 0.00	56.57 1.75 0.00	56.91 1.87 0.00	63.22 2.37 0.00	89.69 3.28 0.00	108.31 3.97 0.00	85.37 3.05 0.00	73.62 2.76 0.00	73.20 3.29 0.00	66.99 3.07 -1.32	66.07 2.89 -4.17	67.33 3.09 -1.22	71.57 3.21 0.00	87.42 3.68 0.00	94.37 3.72 0.00	126.49 4.75 0.00	131.94 5.07 0.00	104.73 4.12 0.00	94.33 3.98 0.00	83.99 3.54 0.00	86.62 3.41 0.00	77.80 3.06 0.00
PATTRSNVILLE___SOLAR 323815	67.81 2.72 -9.59	57.91 2.65 0.00	57.40 2.42 0.00	57.07 2.25 0.00	57.41 2.37 0.00	63.89 3.04 0.00	91.07 4.66 0.00	109.87 5.53 0.00	86.35 4.03 0.00	73.90 3.04 0.00	72.57 2.66 0.00	66.04 2.32 -1.12	65.25 2.12 -4.12	66.39 2.33 -1.04	70.95 2.60 0.00	87.67 3.94 0.00	95.19 4.53 0.00	128.07 6.33 0.00	133.71 6.85 0.00	106.03 5.43 0.00	95.41 5.06 0.00	84.79 4.34 0.00	87.53 4.32 0.00	78.40 3.66 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	52.79 -3.94 -1.23	54.43 -0.83 0.00	54.16 -0.82 0.00	53.89 -0.93 0.00	54.44 -0.61 0.00	61.15 0.30 0.00	86.24 -0.17 0.00	101.53 -2.82 0.00	79.19 -3.13 0.00	67.67 -3.19 0.00	67.33 -2.59 0.00	59.96 -2.32 0.33	54.87 -4.13 0.00	61.26 -1.45 0.30	66.37 -1.98 0.00	80.47 -3.27 0.00	88.12 -2.54 0.00	118.95 -2.80 0.00	121.35 -5.33 0.18	95.97 -4.63 0.00	85.66 -4.61 0.08	76.83 -3.62 0.00	81.71 -1.50 0.00	74.29 -0.45 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	67.55 5.11 -6.94	60.01 4.75 0.00	59.38 4.40 0.00	59.04 4.22 0.00	59.50 4.46 0.00	66.20 5.35 0.00	94.44 8.04 0.00	114.47 10.12 0.00	90.55 8.23 0.00	77.80 6.94 0.00	76.49 6.57 0.00	71.11 5.82 -2.68	69.24 5.43 -4.80	71.17 5.67 -2.49	74.51 6.15 0.00	91.60 7.87 0.00	99.45 8.79 0.00	134.16 12.42 0.00	139.55 12.69 0.00	110.56 9.96 0.00	99.48 9.13 0.00	88.25 7.80 0.00	90.70 7.49 0.00	81.09 6.35 0.00
PEEKSKILL____ 23653	66.48 4.16 -6.82	59.13 3.87 0.00	58.45 3.47 0.00	58.05 3.23 0.00	58.51 3.47 0.00	64.99 4.14 0.00	92.37 5.96 0.00	112.18 7.83 0.00	88.66 6.34 0.00	76.39 5.53 0.00	75.09 5.17 0.00	71.17 4.94 -3.62	69.40 4.72 -5.67	71.23 4.85 -3.36	73.42 5.06 0.00	90.18 6.45 0.00	97.73 7.08 0.00	131.49 9.74 0.00	136.64 9.77 0.00	108.35 7.75 0.00	97.58 7.23 0.00	86.48 6.04 0.00	88.94 5.74 0.00	79.37 4.64 0.00

PGE MADISON___WINDPWR 24146	62.41 4.33 -2.58	59.79 4.53 0.00	59.27 4.29 0.00	58.93 4.11 0.00	59.56 4.51 0.00	66.81 5.97 0.00	96.26 9.85 0.00	126.36 22.01 0.00	97.89 15.56 0.00	82.76 11.90 0.00	80.34 10.42 0.00	69.69 8.51 1.43	65.83 7.20 0.37	70.13 8.45 1.33	78.41 10.05 0.00	98.14 14.41 0.00	109.78 19.12 0.00	136.84 15.09 0.00	143.48 16.62 0.00	113.38 12.78 0.00	101.46 11.11 0.00	90.34 9.89 0.00	92.85 9.65 0.00	83.48 8.74 0.00
PIERCEFIELD___HYD 23852	53.79 -1.94 -0.23	53.55 -1.71 0.00	53.50 -1.48 0.00	53.45 -1.37 0.00	53.83 -1.21 0.00	57.26 -3.59 0.00	81.31 -5.10 0.00	98.92 -5.43 0.00	77.79 -4.53 0.00	67.60 -3.26 0.00	65.86 -4.06 0.00	58.54 -4.07 0.00	55.12 -3.95 -0.07	58.67 -4.35 0.00	64.05 -4.31 0.00	79.01 -4.86 -0.14	84.86 -5.80 0.00	113.71 -8.04 0.00	119.25 -7.61 0.00	94.87 -5.73 0.00	85.02 -5.33 0.00	76.26 -4.18 0.00	79.63 -3.58 0.00	74.51 -0.22 0.00
PINELAWN_CC_1 323563	68.88 6.49 -6.89	61.29 6.02 0.00	60.15 5.17 0.00	59.70 4.88 0.00	60.05 5.01 0.00	66.81 5.97 0.00	95.83 9.42 0.00	116.55 12.20 0.00	92.11 9.79 0.00	78.93 8.07 0.00	77.83 7.90 -0.01	73.91 7.32 -3.98	71.96 6.90 -6.05	74.02 7.31 -3.69	76.09 7.72 -0.01	102.54 9.71 -9.09	136.29 10.69 -34.94	150.72 14.73 -14.25	143.71 14.84 -2.01	136.48 11.66 -24.22	132.51 10.66 -31.50	132.94 9.17 -43.33	103.89 9.15 -11.53	88.41 7.70 -5.97
PJM_GEN_HTP_PROXY 323702	67.16 4.77 -6.89	59.73 4.47 0.00	58.99 4.01 0.00	58.65 3.84 0.00	59.12 4.07 0.00	65.60 4.75 0.00	93.15 6.74 0.00	113.21 8.86 0.00	89.65 7.32 0.00	77.37 6.51 0.00	75.93 6.01 0.00	72.38 5.82 -3.95	70.57 5.55 -6.02	72.42 5.73 -3.66	74.24 5.88 0.00	91.10 7.37 0.00	98.82 8.16 0.00	132.82 11.08 0.00	138.03 11.17 0.00	109.46 8.86 0.00	98.49 8.14 0.00	87.20 6.76 0.00	89.70 6.49 0.00	79.89 5.15 0.00
PJM_GEN_KEystone 24065	59.97 0.22 -4.24	55.98 0.72 0.00	55.42 0.44 0.00	55.15 0.33 0.00	55.65 0.61 0.00	62.00 1.15 0.00	87.79 1.38 0.00	105.00 0.74 0.08	82.82 0.50 0.00	65.20 0.28 5.94	60.44 0.28 9.76	56.57 0.44 6.48	52.09 -0.12 6.80	52.84 0.63 10.81	54.30 0.48 14.54	57.17 0.34 26.90	79.06 0.91 12.50	105.42 1.58 17.90	93.93 1.27 34.20	85.05 0.51 16.06	79.64 0.18 10.89	73.61 0.16 7.00	63.87 0.66 20.00	59.25 0.75 16.23
PJM_GEN_NEPTUNE_PROXY 323594	67.99 5.60 -6.89	60.45 5.19 0.00	59.38 4.40 0.00	58.98 4.16 0.00	59.34 4.30 0.00	65.96 5.11 0.00	94.35 7.94 0.00	114.68 10.33 0.00	90.72 8.40 0.00	77.80 6.95 0.00	76.64 6.71 -0.01	72.91 6.32 -3.98	71.01 5.96 -6.05	73.01 6.30 -3.69	75.00 6.63 -0.01	101.03 8.21 -9.09	134.57 8.98 -34.93	148.17 12.17 -14.25	141.17 12.30 -2.01	134.57 9.76 -24.21	130.79 8.95 -31.49	131.42 7.65 -43.32	102.39 7.65 -11.53	87.06 6.35 -5.97
PJM_GEN_VFT_PROXY 323633	66.99 4.60 -6.89	59.52 4.26 0.00	58.77 3.79 0.00	58.44 3.62 0.00	58.89 3.85 0.00	65.35 4.50 0.00	92.45 6.05 0.01	112.48 8.14 0.01	89.15 6.83 0.00	76.95 6.09 0.00	75.44 5.52 0.00	72.01 5.44 -3.96	68.93 5.19 -4.73	70.48 5.29 -2.17	70.48 5.34 3.21	80.48 6.78 10.03	72.83 7.44 25.26	98.50 10.23 33.47	105.21 10.15 31.81	81.52 8.05 27.14	72.87 7.50 24.98	71.82 6.19 14.82	70.64 5.82 18.39	70.48 4.56 8.82
PLATSBURG_115KV_PMLD1 355749	54.00 -1.50 0.00	54.27 -0.99 0.00	54.27 -0.71 0.00	54.54 -0.27 0.00	54.49 -0.55 0.00	58.96 -1.89 0.00	81.48 -4.93 0.00	97.88 -6.47 0.00	77.71 -4.61 0.00	67.24 -3.61 0.00	66.63 -3.29 0.00	59.92 -2.69 0.00	56.29 -2.71 0.00	60.12 -2.90 0.00	65.62 -2.73 0.00	78.59 -4.94 0.20	85.31 -5.35 0.00	114.56 -7.18 0.00	119.38 -7.49 0.00	94.87 -5.73 0.00	85.47 -4.88 0.00	76.75 -3.70 0.00	79.46 -3.74 0.00	71.97 -2.77 0.00
PLEASANTVLY___LBMP 24000	66.76 4.05 -7.21	58.96 3.70 0.00	58.39 3.41 0.00	58.05 3.23 0.00	58.45 3.41 0.00	64.92 4.08 0.00	92.28 5.88 0.00	111.96 7.62 0.00	88.50 6.17 0.00	76.17 5.31 0.00	75.09 5.17 0.00	71.64 4.82 -4.21	69.98 4.60 -6.37	71.65 4.73 -3.90	73.35 4.99 0.00	90.01 6.28 0.00	97.55 6.89 0.00	131.12 9.37 0.00	136.51 9.64 0.00	108.15 7.55 0.00	97.31 6.96 0.00	86.32 5.87 0.00	88.87 5.66 0.00	79.37 4.63 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	66.93 4.50 -6.93	59.41 4.14 0.00	58.72 3.74 0.00	58.38 3.56 0.00	58.84 3.80 0.00	65.35 4.50 0.00	92.89 6.48 0.00	112.80 8.45 0.00	89.15 6.83 0.00	76.81 5.95 0.00	75.65 5.73 0.00	72.36 5.38 -4.36	70.52 5.07 -6.43	72.29 5.23 -4.05	73.89 5.54 0.00	90.68 6.95 0.00	98.36 7.71 0.00	132.34 10.59 0.00	137.65 10.78 0.00	109.05 8.45 0.00	98.12 7.77 0.00	86.96 6.52 0.00	89.45 6.24 0.00	79.82 5.08 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	66.93 4.50 -6.93	59.41 4.14 0.00	58.72 3.74 0.00	58.38 3.56 0.00	58.84 3.80 0.00	65.35 4.50 0.00	92.89 6.48 0.00	112.80 8.45 0.00	89.15 6.83 0.00	76.81 5.95 0.00	75.65 5.73 0.00	72.36 5.38 -4.36	70.52 5.07 -6.43	72.29 5.23 -4.05	73.89 5.54 0.00	90.68 6.95 0.00	98.36 7.71 0.00	132.34 10.59 0.00	137.65 10.78 0.00	109.05 8.45 0.00	98.12 7.77 0.00	86.96 6.52 0.00	89.45 6.24 0.00	79.82 5.08 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	67.25 4.72 -7.03	59.63 4.37 0.00	59.05 4.07 0.00	58.66 3.84 0.00	59.12 4.07 0.00	65.78 4.93 0.00	93.58 7.17 0.00	113.32 8.97 0.00	89.57 7.24 0.00	76.95 6.09 0.00	75.79 5.87 0.00	69.83 5.32 -1.90	68.09 5.02 -4.07	70.01 5.23 -1.76	74.10 5.74 0.00	91.02 7.28 0.00	98.91 8.25 0.00	133.19 11.44 0.00	138.54 11.67 0.00	109.66 9.05 0.00	98.57 8.22 0.00	87.44 7.00 0.00	90.03 6.82 0.00	80.42 5.68 0.00
POLETTI___ 23519	67.16 4.77 -6.89	59.68 4.42 0.00	59.00 4.01 0.00	58.60 3.78 0.00	59.06 4.02 0.00	65.59 4.75 0.00	92.98 6.57 0.00	113.01 8.66 0.00	89.48 7.16 0.00	77.23 6.38 0.00	76.00 6.08 0.00	72.39 5.82 -3.96	70.64 5.61 -6.02	72.42 5.73 -3.67	74.24 5.88 0.00	90.93 7.20 0.00	98.64 7.98 0.00	132.70 10.96 0.00	138.03 11.16 0.00	109.35 8.75 0.00	98.39 8.04 0.00	87.12 6.68 0.00	89.61 6.41 0.00	79.74 5.01 0.00
POMONA___ESR 323819	65.92 3.78 -6.65	58.74 3.48 0.00	58.06 3.08 0.00	57.72 2.90 0.00	58.18 3.14 0.00	64.62 3.77 0.00	91.86 5.45 0.00	111.45 7.10 0.00	88.17 5.85 0.00	75.89 5.03 0.00	74.60 4.68 0.00	60.19 4.51 6.92	58.68 4.31 4.63	61.01 4.41 6.42	72.94 4.58 0.00	89.59 5.86 0.00	97.19 6.53 0.00	130.63 8.88 0.00	135.87 9.01 0.00	107.75 7.14 0.00	96.94 6.59 0.00	85.99 5.55 0.00	88.45 5.25 0.00	78.92 4.18 0.00
PORT_JEFF_3 23555	69.27 6.88 -6.89	61.61 6.35 0.00	60.43 5.44 0.00	60.03 5.21 0.00	60.33 5.28 0.00	67.17 6.33 0.00	96.69 10.28 0.00	117.49 13.15 0.00	92.86 10.54 0.00	79.43 8.57 0.00	78.53 8.60 -0.01	74.54 7.95 -3.98	72.49 7.43 -6.05	74.65 7.94 -3.69	76.85 8.47 -0.01	103.55 10.72 -9.10	137.47 11.87 -34.94	152.55 16.55 -14.25	145.62 16.75 -2.01	137.80 12.98 -24.22	133.68 11.83 -31.50	133.83 10.05 -43.33	104.81 10.06 -11.53	89.37 8.67 -5.97

PORT_JEFF_4 23616	69.27 6.88 -6.89	61.61 6.35 0.00	60.43 5.44 0.00	60.03 5.21 0.00	60.33 5.28 0.00	67.17 6.33 0.00	96.69 10.28 0.00	117.49 13.15 0.00	92.86 10.54 0.00	79.43 8.57 0.00	78.53 8.60 -0.01	74.54 7.95 -3.98	72.49 7.43 -6.05	74.65 7.94 -3.69	76.85 8.47 -0.01	103.55 10.72 -9.10	137.47 11.87 -34.94	152.55 16.55 -14.25	145.62 16.75 -2.01	137.80 12.98 -24.22	133.68 11.83 -31.50	133.83 10.05 -43.33	104.81 10.06 -11.53	89.37 8.67 -5.97
PORT_JEFF_IC 23713	69.27 6.88 -6.89	61.62 6.35 0.00	60.48 5.50 0.00	59.97 5.15 0.00	60.33 5.28 0.00	67.24 6.39 0.00	96.78 10.37 0.00	117.70 13.36 0.00	92.94 10.62 0.00	79.29 8.43 0.00	78.74 8.81 -0.01	74.67 8.08 -3.98	72.61 7.55 -6.05	74.78 8.07 -3.69	76.99 8.61 -0.01	103.63 10.80 -9.10	137.65 12.06 -34.94	152.92 16.92 -14.25	145.88 17.00 -2.01	138.00 13.18 -24.22	133.87 12.02 -31.50	133.99 10.22 -43.33	104.98 10.23 -11.53	89.53 8.82 -5.97
PPL_PILGRIM_ST_GT1 24216	69.44 7.05 -6.89	61.83 6.57 0.00	60.65 5.66 0.00	60.25 5.43 0.00	60.55 5.50 0.00	67.42 6.57 0.00	96.86 10.45 0.00	117.71 13.36 0.00	93.02 10.70 0.00	79.64 8.78 0.00	78.60 8.67 -0.01	74.67 8.08 -3.98	72.61 7.55 -6.05	74.78 8.07 -3.69	76.92 8.54 -0.01	103.55 10.72 -9.10	137.11 11.51 -34.94	151.58 15.59 -14.25	144.73 15.86 -2.01	137.09 12.27 -24.22	133.05 11.20 -31.50	133.91 10.14 -43.33	104.89 10.15 -11.53	89.37 8.67 -5.97
PPL_PILGRIM_ST_GT2 24217	69.44 7.05 -6.89	61.83 6.57 0.00	60.65 5.66 0.00	60.25 5.43 0.00	60.55 5.50 0.00	67.42 6.57 0.00	96.86 10.45 0.00	117.71 13.36 0.00	93.02 10.70 0.00	79.64 8.78 0.00	78.60 8.67 -0.01	74.67 8.08 -3.98	72.61 7.55 -6.05	74.78 8.07 -3.69	76.92 8.54 -0.01	103.55 10.72 -9.10	137.11 11.51 -34.94	151.58 15.59 -14.25	144.73 15.86 -2.01	137.09 12.27 -24.22	133.05 11.20 -31.50	133.91 10.14 -43.33	104.89 10.15 -11.53	89.37 8.67 -5.97
PPL_SHRM_GT3 24213	69.16 6.77 -6.89	61.50 6.24 0.00	60.26 5.28 0.00	59.86 5.04 0.00	60.16 5.12 0.00	67.06 6.21 0.00	96.77 10.36 0.00	117.71 13.36 0.00	93.02 10.70 0.00	79.43 8.57 0.00	78.95 9.02 -0.01	74.92 8.33 -3.98	72.78 7.73 -6.05	75.03 8.32 -3.69	77.19 8.82 -0.01	104.13 11.30 -9.10	137.92 12.33 -34.94	153.90 17.90 -14.25	146.64 17.76 -2.01	138.40 13.58 -24.22	134.32 12.47 -31.50	134.31 10.54 -43.33	105.31 10.57 -11.53	90.12 9.42 -5.97
PPL_SHRM_GT4 24214	69.16 6.77 -6.89	61.50 6.24 0.00	60.26 5.28 0.00	59.86 5.04 0.00	60.16 5.12 0.00	67.06 6.21 0.00	96.77 10.36 0.00	117.71 13.36 0.00	93.02 10.70 0.00	79.43 8.57 0.00	78.95 9.02 -0.01	74.92 8.33 -3.98	72.78 7.73 -6.05	75.03 8.32 -3.69	77.19 8.82 -0.01	104.13 11.30 -9.10	137.92 12.33 -34.94	153.90 17.90 -14.25	146.64 17.76 -2.01	138.40 13.58 -24.22	134.32 12.47 -31.50	134.31 10.54 -43.33	105.31 10.57 -11.53	90.12 9.42 -5.97
PROJECT___ORANGE 1 24174	55.45 -0.72 -0.67	54.38 -0.88 0.00	53.99 -0.99 0.00	53.78 -1.04 0.00	54.16 -0.88 0.00	60.24 -0.61 0.00	85.89 -0.52 0.00	103.62 -0.73 0.00	81.50 -0.82 0.00	70.08 -0.78 0.00	69.08 -0.84 0.00	61.79 -0.81 0.00	58.39 -0.83 -0.21	62.26 -0.76 0.00	67.47 -0.89 0.00	82.73 -1.00 0.00	89.93 -0.73 0.00	121.02 -0.73 0.00	126.10 -0.76 0.00	99.80 -0.80 0.00	89.36 -0.99 0.00	79.48 -0.97 0.00	82.29 -0.92 0.00	73.91 -0.82 0.00
PROJECT___ORANGE 2 24166	55.45 -0.72 -0.67	54.38 -0.88 0.00	53.99 -0.99 0.00	53.78 -1.04 0.00	54.16 -0.88 0.00	60.24 -0.61 0.00	85.89 -0.52 0.00	103.62 -0.73 0.00	81.50 -0.82 0.00	70.08 -0.78 0.00	69.08 -0.84 0.00	61.79 -0.81 0.00	58.39 -0.83 -0.21	62.26 -0.76 0.00	67.47 -0.89 0.00	82.73 -1.00 0.00	89.93 -0.73 0.00	121.02 -0.73 0.00	126.10 -0.76 0.00	99.80 -0.80 0.00	89.36 -0.99 0.00	79.48 -0.97 0.00	82.29 -0.92 0.00	73.91 -0.82 0.00
PUCKETT___SOLAR 323809	59.37 1.28 -2.59	56.81 1.55 0.00	56.30 1.32 0.00	56.08 1.26 0.00	56.58 1.54 0.00	63.03 2.19 0.00	90.12 3.71 0.00	109.52 5.22 0.04	85.86 3.54 0.00	73.33 2.48 0.00	71.94 2.03 0.00	63.25 1.57 0.93	59.95 1.00 0.06	63.86 1.70 0.86	70.41 2.05 0.00	86.74 3.01 0.00	95.10 4.44 0.00	126.74 4.99 0.00	132.08 5.33 0.12	104.42 3.82 0.00	93.55 3.25 0.05	83.34 2.89 0.00	86.29 3.08 0.00	77.65 2.91 0.00
PYRITES___HYD 24023	55.23 -0.50 -0.23	55.04 -0.22 0.00	55.04 0.05 0.00	54.87 0.05 0.00	55.32 0.28 0.00	59.14 -1.70 0.00	84.51 -1.90 0.00	102.99 -1.36 0.00	80.68 -1.65 0.00	69.72 -1.13 0.00	67.89 -2.03 0.00	60.23 -2.38 0.00	56.72 -2.36 -0.07	60.37 -2.65 0.00	66.03 -2.32 0.00	81.69 -2.18 -0.14	88.12 -2.54 0.00	117.97 -3.77 0.00	123.82 -3.04 0.00	98.49 -2.11 0.00	88.09 -2.26 0.00	78.92 -1.53 0.00	82.29 -0.92 0.00	76.83 2.09 0.00
QUAKERRD_115KV_BK1 80622	53.87 -2.50 -0.86	52.00 -3.26 0.00	51.63 -3.35 0.00	51.53 -3.29 0.00	51.90 -3.14 0.00	57.99 -2.86 0.00	82.26 -4.15 0.00	98.33 -6.05 -0.04	77.22 -5.10 0.00	66.18 -4.68 0.00	65.37 -4.54 0.00	58.32 -4.07 0.22	55.47 -3.60 -0.06	58.97 -3.84 0.20	63.98 -4.37 0.00	78.12 -5.61 0.00	85.49 -5.17 0.00	115.41 -6.33 0.00	120.55 -6.47 -0.16	94.77 -5.83 0.00	84.46 -5.96 -0.07	74.98 -5.47 0.00	78.30 -4.91 0.00	70.70 -4.04 0.00
QUENSBRY_115KV_TB8 356137	69.84 5.05 -9.29	60.23 4.97 0.00	59.60 4.62 0.00	58.98 4.17 0.00	59.45 4.40 0.00	66.57 5.72 0.00	95.22 8.81 0.00	114.68 10.33 0.00	90.06 7.74 0.00	77.09 6.24 0.00	75.58 5.66 0.00	68.84 4.95 -1.29	67.80 4.60 -4.19	69.25 5.04 -1.19	73.89 5.54 0.00	90.85 7.12 0.00	98.64 7.98 0.00	133.31 11.57 0.00	137.78 10.91 0.00	108.85 8.25 0.00	98.03 7.68 0.00	87.04 6.60 0.00	89.70 6.49 0.00	80.34 5.61 0.00
RAMAPO___LBMP 323565	65.78 3.66 -6.61	58.58 3.32 0.00	57.95 2.97 0.00	57.56 2.74 0.00	58.01 2.97 0.00	64.44 3.59 0.00	91.68 5.27 0.00	111.23 6.89 0.00	87.92 5.60 0.00	75.67 4.82 0.00	74.53 4.61 0.00	59.95 4.38 7.05	58.44 4.19 4.76	60.71 4.22 6.53	72.80 4.44 0.00	89.34 5.61 0.00	96.91 6.26 0.00	130.27 8.52 0.00	135.62 8.75 0.00	107.44 6.84 0.00	96.68 6.32 0.00	85.76 5.31 0.00	88.20 4.99 0.00	78.70 3.96 0.00
RANKINE____ 23646	53.54 -3.16 -1.20	53.27 -1.99 0.00	53.00 -1.98 0.00	52.74 -2.08 0.00	53.28 -1.76 0.00	59.81 -1.03 0.00	84.25 -2.16 0.00	98.88 -5.43 0.04	77.22 -5.10 0.00	66.04 -4.82 0.00	65.65 -4.26 0.00	58.53 -3.76 0.32	54.64 -4.37 0.01	59.82 -2.90 0.30	64.80 -3.55 0.00	78.46 -5.28 0.00	85.94 -4.71 0.00	116.27 -5.48 0.00	119.29 -7.10 0.47	94.25 -6.34 0.01	83.63 -6.51 0.21	74.89 -5.55 0.00	79.80 -3.41 0.00	72.64 -2.09 0.00
RAVENSWOOD_GT2_1 24244	67.21 4.83 -6.89	59.74 4.48 0.00	59.05 4.07 0.00	58.66 3.84 0.00	59.12 4.07 0.00	65.65 4.81 0.00	93.15 6.74 0.00	113.22 8.87 0.00	89.65 7.33 0.00	77.30 6.45 0.00	76.07 6.15 0.00	72.39 5.82 -3.96	70.64 5.61 -6.03	72.42 5.73 -3.67	74.30 5.95 0.00	91.10 7.37 0.00	98.82 8.16 0.00	132.82 11.08 0.00	138.16 11.29 0.00	109.45 8.85 0.00	98.48 8.13 0.00	87.28 6.84 0.00	89.70 6.49 0.00	79.89 5.16 0.00

RAVENSWOOD_GT2_2 24245	67.21 4.83 -6.89	59.74 4.48 0.00	59.05 4.07 0.00	58.66 3.84 0.00	59.12 4.07 0.00	65.65 4.81 0.00	93.15 6.74 0.00	113.22 8.87 0.00	89.65 7.33 0.00	77.30 6.45 0.00	76.07 6.15 0.00	72.39 5.82 -3.96	70.64 5.61 -6.03	72.42 5.73 -3.67	74.30 5.95 0.00	91.10 7.37 0.00	98.82 8.16 0.00	132.82 11.08 0.00	138.16 11.29 0.00	109.45 8.85 0.00	98.48 8.13 0.00	87.28 6.84 0.00	89.70 6.49 0.00	79.89 5.16 0.00
RAVENSWOOD_GT2_3 24246	67.27 4.88 -6.89	59.74 4.48 0.00	59.05 4.07 0.00	58.71 3.89 0.00	59.17 4.13 0.00	65.65 4.81 0.00	93.15 6.74 0.00	113.22 8.87 0.00	89.73 7.41 0.00	77.30 6.45 0.00	76.14 6.22 0.00	72.45 5.89 -3.96	70.64 5.61 -6.03	72.42 5.73 -3.67	74.30 5.95 0.00	91.18 7.45 0.00	98.82 8.16 0.00	132.95 11.20 0.00	138.28 11.42 0.00	109.56 8.95 0.00	98.57 8.22 0.00	87.28 6.84 0.00	89.78 6.57 0.00	79.97 5.23 0.00
RAVENSWOOD_GT2_4 24247	67.27 4.88 -6.89	59.74 4.48 0.00	59.05 4.07 0.00	58.71 3.89 0.00	59.17 4.13 0.00	65.65 4.81 0.00	93.15 6.74 0.00	113.22 8.87 0.00	89.73 7.41 0.00	77.30 6.45 0.00	76.14 6.22 0.00	72.45 5.89 -3.96	70.64 5.61 -6.03	72.42 5.73 -3.67	74.30 5.95 0.00	91.18 7.45 0.00	98.82 8.16 0.00	132.95 11.20 0.00	138.28 11.42 0.00	109.56 8.95 0.00	98.57 8.22 0.00	87.28 6.84 0.00	89.78 6.57 0.00	79.97 5.23 0.00
RAVENSWOOD_GT3_1 24248	67.21 4.83 -6.89	59.74 4.48 0.00	59.05 4.07 0.00	58.66 3.84 0.00	59.12 4.07 0.00	65.65 4.81 0.00	93.15 6.74 0.00	113.22 8.87 0.00	89.65 7.33 0.00	77.30 6.45 0.00	76.07 6.15 0.00	72.39 5.82 -3.96	70.64 5.61 -6.03	72.42 5.73 -3.67	74.30 5.95 0.00	91.10 7.37 0.00	98.82 8.16 0.00	132.95 11.20 0.00	138.16 11.29 0.00	109.45 8.85 0.00	98.57 8.22 0.00	87.28 6.84 0.00	89.70 6.49 0.00	79.89 5.16 0.00
RAVENSWOOD_GT3_2 24249	67.21 4.83 -6.89	59.74 4.48 0.00	59.05 4.07 0.00	58.66 3.84 0.00	59.12 4.07 0.00	65.65 4.81 0.00	93.15 6.74 0.00	113.22 8.87 0.00	89.65 7.33 0.00	77.30 6.45 0.00	76.07 6.15 0.00	72.39 5.82 -3.96	70.64 5.61 -6.03	72.42 5.73 -3.67	74.30 5.95 0.00	91.10 7.37 0.00	98.82 8.16 0.00	132.95 11.20 0.00	138.16 11.29 0.00	109.45 8.85 0.00	98.57 8.22 0.00	87.28 6.84 0.00	89.70 6.49 0.00	79.89 5.16 0.00
RAVENSWOOD_GT3_3 24250	67.33 4.94 -6.89	59.79 4.53 0.00	59.11 4.12 0.00	58.71 3.89 0.00	59.17 4.13 0.00	65.71 4.87 0.00	93.24 6.83 0.00	113.32 8.97 0.00	89.81 7.49 0.00	77.38 6.52 0.00	76.21 6.29 0.00	72.52 5.95 -3.96	70.70 5.66 -6.03	72.49 5.80 -3.67	74.37 6.02 0.00	91.27 7.54 0.00	98.91 8.25 0.00	133.07 11.32 0.00	138.41 11.54 0.00	109.66 9.05 0.00	98.66 8.31 0.00	87.36 6.92 0.00	89.86 6.66 0.00	80.04 5.31 0.00
RAVENSWOOD_GT3_4 24251	67.33 4.94 -6.89	59.79 4.53 0.00	59.11 4.12 0.00	58.71 3.89 0.00	59.17 4.13 0.00	65.71 4.87 0.00	93.24 6.83 0.00	113.32 8.97 0.00	89.81 7.49 0.00	77.38 6.52 0.00	76.21 6.29 0.00	72.52 5.95 -3.96	70.70 5.66 -6.03	72.49 5.80 -3.67	74.37 6.02 0.00	91.27 7.54 0.00	98.91 8.25 0.00	133.07 11.32 0.00	138.41 11.54 0.00	109.66 9.05 0.00	98.66 8.31 0.00	87.36 6.92 0.00	89.86 6.66 0.00	80.04 5.31 0.00
RAVENSWOOD_GT_1 23729	67.56 5.16 -6.90	60.08 4.81 -0.01	59.39 4.40 -0.01	58.99 4.17 -0.01	59.45 4.40 -0.01	66.03 5.17 -0.01	93.58 7.17 0.00	113.63 9.29 0.00	90.15 7.82 -0.01	77.74 6.87 -0.01	76.50 6.57 -0.01	72.78 6.20 -3.97	70.94 5.90 -6.04	72.81 6.11 -3.68	74.72 6.36 -0.01	91.52 7.79 0.00	99.18 8.52 0.00	133.31 11.57 0.00	138.54 11.67 0.00	109.86 9.26 0.00	98.94 8.58 0.00	87.69 7.24 0.00	90.11 6.91 0.00	80.19 5.46 0.00
RAVENSWOOD_GT_10 24258	67.21 4.83 -6.89	59.68 4.42 0.00	59.05 4.07 0.00	58.65 3.84 0.00	59.11 4.07 0.00	65.65 4.81 0.00	93.15 6.74 0.00	113.22 8.87 0.00	89.65 7.33 0.00	77.30 6.45 0.00	76.07 6.15 0.00	72.39 5.82 -3.96	70.58 5.55 -6.03	72.42 5.73 -3.67	74.30 5.95 0.00	91.10 7.37 0.00	98.82 8.16 0.00	132.95 11.20 0.00	138.16 11.29 0.00	109.45 8.85 0.00	98.48 8.13 0.00	87.28 6.84 0.00	89.70 6.49 0.00	79.89 5.16 0.00
RAVENSWOOD_GT_11 24259	67.21 4.83 -6.89	59.68 4.42 0.00	59.05 4.07 0.00	58.65 3.84 0.00	59.11 4.07 0.00	65.65 4.81 0.00	93.15 6.74 0.00	113.22 8.87 0.00	89.65 7.33 0.00	77.30 6.45 0.00	76.07 6.15 0.00	72.39 5.82 -3.96	70.58 5.55 -6.03	72.42 5.73 -3.67	74.30 5.95 0.00	91.10 7.37 0.00	98.82 8.16 0.00	132.95 11.20 0.00	138.16 11.29 0.00	109.45 8.85 0.00	98.48 8.13 0.00	87.28 6.84 0.00	89.70 6.49 0.00	79.89 5.16 0.00
RAVENSWOOD_GT_4 24252	67.15 4.77 -6.88	59.68 4.42 0.01	58.99 4.01 0.01	58.60 3.78 0.01	59.06 4.02 0.01	65.59 4.75 0.01	93.06 6.65 0.00	113.11 8.77 0.00	89.56 7.24 0.01	77.23 6.38 0.01	75.99 6.08 0.01	72.32 5.76 -3.95	70.58 5.55 -6.02	72.35 5.67 -3.67	74.23 5.88 0.01	91.02 7.28 0.00	98.73 8.07 0.00	132.82 11.08 0.00	138.16 11.29 0.00	109.45 8.85 0.00	98.48 8.13 0.00	87.20 6.76 0.00	89.70 6.49 0.00	79.89 5.16 0.00
RAVENSWOOD_GT_5 24254	67.15 4.77 -6.88	59.68 4.42 0.01	58.99 4.01 0.01	58.60 3.78 0.01	59.06 4.02 0.01	65.59 4.75 0.01	93.06 6.65 0.00	113.11 8.77 0.00	89.56 7.24 0.01	77.23 6.38 0.01	75.99 6.08 0.01	72.32 5.76 -3.95	70.58 5.55 -6.02	72.35 5.67 -3.67	74.23 5.88 0.01	91.02 7.28 0.00	98.73 8.07 0.00	132.82 11.08 0.00	138.16 11.29 0.00	109.45 8.85 0.00	98.48 8.13 0.00	87.20 6.76 0.00	89.70 6.49 0.00	79.89 5.16 0.00
RAVENSWOOD_GT_6 24253	67.15 4.77 -6.88	59.68 4.42 0.01	58.99 4.01 0.01	58.60 3.78 0.01	59.06 4.02 0.01	65.59 4.75 0.01	93.06 6.65 0.00	113.11 8.77 0.00	89.56 7.24 0.01	77.23 6.38 0.01	75.99 6.08 0.01	72.32 5.76 -3.95	70.58 5.55 -6.02	72.35 5.67 -3.67	74.23 5.88 0.01	91.02 7.28 0.00	98.73 8.07 0.00	132.82 11.08 0.00	138.16 11.29 0.00	109.45 8.85 0.00	98.48 8.13 0.00	87.20 6.76 0.00	89.70 6.49 0.00	79.89 5.16 0.00
RAVENSWOOD_GT_7 24255	67.15 4.77 -6.88	59.68 4.42 0.01	58.99 4.01 0.01	58.60 3.78 0.01	59.06 4.02 0.01	65.59 4.75 0.01	93.06 6.65 0.00	113.11 8.77 0.00	89.56 7.24 0.01	77.23 6.38 0.01	75.99 6.08 0.01	72.32 5.76 -3.95	70.58 5.55 -6.02	72.35 5.67 -3.67	74.23 5.88 0.01	91.02 7.28 0.00	98.73 8.07 0.00	132.82 11.08 0.00	138.16 11.29 0.00	109.45 8.85 0.00	98.48 8.13 0.00	87.20 6.76 0.00	89.70 6.49 0.00	79.89 5.16 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	67.21 4.83 -6.89	59.68 4.42 0.00	59.05 4.07 0.00	58.65 3.84 0.00	59.11 4.07 0.00	65.65 4.81 0.00	93.15 6.74 0.00	113.22 8.87 0.00	89.65 7.33 0.00	77.30 6.45 0.00	76.07 6.15 0.00	72.39 5.82 -3.96	70.58 5.55 -6.03	72.42 5.73 -3.67	74.30 5.95 0.00	91.10 7.37 0.00	98.82 8.16 0.00	132.95 11.20 0.00	138.16 11.29 0.00	109.45 8.85 0.00	98.48 8.13 0.00	87.28 6.84 0.00	89.70 6.49 0.00	79.89 5.16 0.00

RAVENSWOOD_GT_9 24257	67.21 4.83 -6.89	59.68 4.42 0.00	59.05 4.07 0.00	58.65 3.84 0.00	59.11 4.07 0.00	65.65 4.81 0.00	93.15 6.74 0.00	113.22 8.87 0.00	89.65 7.33 0.00	77.30 6.45 0.00	76.07 6.15 0.00	72.39 5.82 -3.96	70.58 5.55 -6.03	72.42 5.73 -3.67	74.30 5.95 0.00	91.10 7.37 0.00	98.82 8.16 0.00	132.95 11.20 0.00	138.16 11.29 0.00	109.45 8.85 0.00	98.48 8.13 0.00	87.28 6.84 0.00	89.70 6.49 0.00	79.89 5.16 0.00
RAVENSWOOD___1 23533	67.50 5.10 -6.89	60.07 4.81 -0.01	59.33 4.34 -0.01	58.99 4.16 -0.01	59.46 4.41 -0.01	65.97 5.11 -0.01	93.50 7.09 0.00	113.63 9.28 0.00	90.07 7.74 -0.01	77.74 6.87 -0.01	76.29 6.36 -0.01	72.72 6.14 -3.97	70.88 5.84 -6.03	72.75 6.05 -3.68	74.58 6.22 -0.01	91.52 7.79 0.00	99.09 8.43 0.00	133.19 11.44 0.00	138.29 11.42 0.00	109.76 9.15 0.00	98.94 8.59 0.00	87.60 7.16 0.00	90.03 6.82 0.00	80.19 5.45 0.00
RAVENSWOOD___2 23534	67.50 5.10 -6.89	60.07 4.81 -0.01	59.33 4.34 -0.01	58.99 4.16 -0.01	59.40 4.35 -0.01	65.97 5.11 -0.01	93.50 7.09 0.00	113.53 9.18 0.00	90.07 7.74 -0.01	77.67 6.80 -0.01	76.29 6.36 -0.01	72.72 6.14 -3.97	70.88 5.84 -6.03	72.75 6.05 -3.68	74.52 6.15 -0.01	91.52 7.79 0.00	99.09 8.43 0.00	133.19 11.44 0.00	138.29 11.42 0.00	109.76 9.15 0.00	98.84 8.49 0.00	87.60 7.16 0.00	90.03 6.82 0.00	80.12 5.38 0.00
RAVENSWOOD___3 23535	67.21 4.83 -6.89	59.79 4.53 0.00	59.05 4.07 0.00	58.71 3.89 0.00	59.17 4.13 0.00	65.65 4.81 0.00	93.15 6.74 0.00	113.21 8.86 0.00	89.65 7.32 0.00	77.37 6.51 0.00	75.93 6.01 0.00	72.39 5.82 -3.96	70.58 5.55 -6.03	72.42 5.73 -3.67	74.24 5.88 0.00	91.18 7.45 0.00	98.82 8.16 0.00	132.82 11.08 0.00	138.03 11.17 0.00	109.46 8.86 0.00	98.57 8.22 0.00	87.28 6.83 0.00	89.78 6.57 0.00	79.89 5.15 0.00
RAVENSWOOD___4 23820	67.50 5.10 -6.89	60.02 4.75 -0.01	59.33 4.34 -0.01	58.94 4.11 -0.01	59.40 4.35 -0.01	65.90 5.05 -0.01	93.50 7.09 0.00	113.53 9.18 0.00	90.06 7.74 -0.01	77.67 6.80 -0.01	76.28 6.36 -0.01	72.72 6.14 -3.97	70.88 5.84 -6.03	72.69 5.99 -3.68	74.52 6.15 -0.01	91.43 7.70 0.00	98.99 8.34 0.00	133.07 11.32 0.00	138.29 11.42 0.00	109.66 9.06 0.00	98.84 8.49 0.00	87.53 7.08 0.00	89.94 6.74 0.00	80.12 5.38 0.00
RCPT_TRUST___DRP 24196	67.27 4.88 -6.89	59.74 4.48 0.00	59.11 4.12 0.00	58.71 3.89 0.00	59.17 4.13 0.00	65.71 4.87 0.00	93.24 6.83 0.00	113.43 9.08 0.00	89.81 7.49 0.00	77.45 6.59 0.00	76.21 6.29 0.00	72.51 5.95 -3.95	70.69 5.66 -6.02	72.54 5.86 -3.66	74.44 6.08 0.00	91.27 7.54 0.00	99.00 8.34 0.00	133.19 11.44 0.00	138.41 11.54 0.00	109.66 9.05 0.00	98.66 8.31 0.00	87.36 6.92 0.00	89.86 6.66 0.00	80.04 5.31 0.00
RED___ROCHESTER 323720	55.06 -1.33 -0.89	53.16 -2.10 0.00	52.73 -2.26 0.00	52.57 -2.25 0.00	53.06 -1.98 0.00	59.39 -1.46 0.00	83.99 -2.42 0.00	100.38 -4.18 -0.21	78.62 -3.70 0.00	67.32 -3.54 0.00	66.70 -3.21 0.00	59.44 -2.94 0.23	56.30 -2.77 -0.07	60.16 -2.64 0.21	65.35 -3.01 0.00	79.29 -4.44 0.00	87.12 -3.54 0.00	117.61 -4.14 -0.01	123.87 -3.55 -0.55	96.59 -4.03 -0.02	86.00 -4.60 -0.25	76.18 -4.27 0.00	79.79 -3.42 0.00	72.34 -2.39 0.00
REGAN___SOLAR 323812	70.21 4.71 -9.99	60.01 4.75 0.00	59.38 4.40 0.00	58.82 4.00 0.00	59.28 4.24 0.00	66.44 5.59 0.00	95.31 8.90 0.00	114.68 10.33 0.00	89.65 7.32 0.00	76.17 5.32 0.00	74.39 4.48 0.00	67.26 3.69 -0.96	66.40 3.30 -4.09	67.69 3.78 -0.89	72.67 4.31 0.00	90.43 6.70 0.00	98.64 7.98 0.00	133.43 11.69 0.00	139.55 12.69 0.00	110.47 9.86 0.00	99.39 9.03 0.00	88.41 7.97 0.00	91.03 7.82 0.00	81.47 6.73 0.00
RENSSELAER___COGEN 23796	66.42 1.89 -9.04	57.14 1.88 0.00	56.63 1.65 0.00	56.30 1.48 0.00	56.64 1.60 0.00	62.85 2.00 0.00	89.09 2.68 0.00	107.59 3.24 0.00	84.88 2.55 0.00	73.12 2.27 0.00	72.78 2.87 0.00	66.64 2.69 -1.34	65.70 2.54 -4.16	66.96 2.71 -1.24	71.16 2.80 0.00	86.91 3.18 0.00	93.74 3.08 0.00	125.64 3.89 0.00	130.67 3.80 0.00	104.02 3.42 0.00	93.70 3.34 0.00	83.42 2.98 0.00	86.12 2.91 0.00	77.35 2.61 0.00
REPUBLIC_115KV_BARTNBRK 55605	71.88 7.10 -9.28	62.33 7.07 0.00	61.58 6.60 0.00	60.79 5.98 0.00	61.26 6.22 0.00	69.00 8.15 0.00	99.11 12.70 0.00	119.27 14.92 0.00	93.44 11.11 0.00	79.64 8.79 0.00	77.89 7.97 0.00	70.47 6.57 -1.29	69.33 6.14 -4.19	70.89 6.68 -1.20	75.74 7.38 0.00	93.61 9.88 0.00	101.72 11.06 0.00	138.06 16.31 0.00	142.85 15.99 0.00	112.57 11.97 0.00	101.38 11.02 0.00	90.02 9.57 0.00	92.69 9.49 0.00	82.96 8.22 0.00
REVERE_CPPR_DRP 24186	57.54 1.66 -0.37	56.86 1.60 0.00	56.58 1.59 0.00	56.30 1.48 0.00	56.75 1.71 0.00	63.16 2.31 0.00	90.64 4.23 0.00	109.88 5.53 0.00	86.27 3.95 0.00	74.04 3.19 0.00	72.50 2.59 0.00	64.80 2.19 0.00	61.07 1.95 -0.11	65.16 2.14 0.00	70.75 2.39 0.00	87.18 3.43 -0.01	95.01 4.35 0.00	127.47 5.72 0.00	133.21 6.34 0.00	105.63 5.03 0.00	94.60 4.25 0.00	84.15 3.70 0.00	86.87 3.66 0.00	78.10 3.36 0.00
REYNOLDS_115KV_TB3 80639	66.94 2.39 -9.06	57.58 2.32 0.00	57.07 2.09 0.00	56.74 1.92 0.00	57.08 2.04 0.00	63.40 2.56 0.00	89.87 3.46 0.00	108.52 4.17 0.00	85.61 3.29 0.00	73.83 2.98 0.00	73.27 3.36 0.00	67.11 3.13 -1.37	66.10 2.89 -4.20	67.38 3.09 -1.27	71.57 3.21 0.00	87.50 3.77 0.00	94.47 3.81 0.00	126.74 4.99 0.00	132.07 5.20 0.00	104.93 4.33 0.00	94.42 4.07 0.00	83.99 3.54 0.00	86.70 3.49 0.00	77.87 3.14 0.00
RIVERBAY____ 323610	68.28 5.88 -6.89	60.79 5.53 -0.01	60.10 5.11 -0.01	59.76 4.93 -0.01	60.22 5.17 -0.01	66.82 5.96 -0.01	94.63 8.21 -0.01	114.89 10.54 -0.01	91.06 8.73 -0.01	78.38 7.51 -0.01	76.92 6.99 -0.01	73.28 6.70 -3.97	71.41 6.37 -6.03	73.31 6.62 -3.68	75.34 6.97 -0.01	92.45 8.71 -0.01	100.00 9.34 -0.01	134.54 12.78 -0.01	139.81 12.94 -0.01	110.87 10.26 -0.01	99.94 9.58 -0.01	88.58 8.13 -0.01	91.12 7.90 -0.01	81.17 6.43 -0.01
RIVERSIDE_115KV_TB3 55908	66.85 2.28 -9.07	57.42 2.16 0.00	56.96 1.98 0.00	56.57 1.75 0.00	56.97 1.93 0.00	63.22 2.37 0.00	89.61 3.20 0.00	108.31 3.97 0.00	85.37 3.05 0.00	73.62 2.76 0.00	73.20 3.29 0.00	66.96 3.01 -1.35	66.02 2.83 -4.18	67.29 3.02 -1.25	71.50 3.14 0.00	87.33 3.60 0.00	94.28 3.63 0.00	126.49 4.75 0.00	131.81 4.95 0.00	104.73 4.12 0.00	94.24 3.89 0.00	83.90 3.46 0.00	86.62 3.41 0.00	77.73 2.99 0.00
ROARING___BROOK_WT_PWR 323790	54.44 -1.06 0.00	54.21 -1.05 0.00	54.05 -0.94 0.00	54.00 -0.82 0.00	54.16 -0.88 0.00	59.75 -1.09 0.00	84.94 -1.47 0.00	102.67 -1.67 0.00	81.25 -1.07 0.00	70.08 -0.78 0.00	69.22 -0.70 0.00	61.86 -0.75 0.00	58.30 -0.71 0.00	62.13 -0.88 0.00	67.54 -0.82 0.00	82.73 -1.00 0.01	89.48 -1.18 0.00	120.16 -1.59 0.00	125.21 -1.65 0.00	99.29 -1.31 0.00	89.27 -1.08 0.00	79.64 -0.80 0.00	82.38 -0.83 0.00	74.06 -0.67 0.00

ROCHESRG_115KV_T4 355643	54.55 -1.83 -0.88	52.61 -2.65 0.00	52.23 -2.75 0.00	52.08 -2.74 0.00	52.51 -2.53 0.00	58.78 -2.07 0.00	83.13 -3.28 0.00	99.07 -5.43 -0.15	77.63 -4.69 0.00	66.53 -4.32 0.00	65.79 -4.13 0.00	58.69 -3.69 0.23	55.95 -3.13 -0.07	59.47 -3.34 0.21	64.53 -3.83 0.00	78.63 -5.11 0.00	85.95 -4.71 0.00	116.15 -5.60 0.00	121.49 -5.84 -0.46	95.29 -5.33 -0.02	84.96 -5.60 -0.21	75.22 -5.23 0.00	78.96 -4.24 0.00	71.37 -3.36 0.00
ROCHESTER_9_IC 23652	54.84 -1.55 -0.89	52.83 -2.43 0.00	52.51 -2.47 0.00	52.35 -2.47 0.00	52.79 -2.26 0.00	59.08 -1.76 0.00	83.64 -2.77 0.00	99.74 -4.80 -0.19	78.21 -4.12 0.00	66.96 -3.90 0.00	66.28 -3.64 0.00	59.13 -3.26 0.23	56.30 -2.77 -0.07	59.78 -3.02 0.21	64.87 -3.49 0.00	79.13 -4.61 0.00	86.58 -4.08 0.00	116.88 -4.87 -0.01	122.47 -4.95 -0.55	95.89 -4.73 -0.02	85.55 -5.06 -0.25	75.70 -4.75 0.00	79.38 -3.83 0.00	71.82 -2.91 0.00
ROCKVIEW_13_KV_LD 356306	67.10 4.72 -6.89	59.57 4.31 0.00	58.94 3.96 0.00	58.55 3.73 0.00	59.01 3.96 0.00	65.59 4.75 0.00	93.15 6.74 0.00	113.11 8.77 0.00	89.57 7.24 0.00	77.09 6.24 0.00	76.00 6.08 0.00	72.26 5.70 -3.95	70.40 5.37 -6.02	72.23 5.55 -3.67	74.24 5.88 0.00	91.10 7.37 0.00	98.73 8.07 0.00	132.95 11.20 0.00	138.28 11.42 0.00	109.56 8.95 0.00	98.57 8.22 0.00	87.28 6.84 0.00	89.78 6.57 0.00	80.04 5.31 0.00
ROME____115KV_TB2 80656	57.54 1.66 -0.37	56.86 1.60 0.00	56.58 1.59 0.00	56.30 1.48 0.00	56.75 1.71 0.00	63.16 2.31 0.00	90.64 4.23 0.00	109.88 5.53 0.00	86.27 3.95 0.00	74.04 3.19 0.00	72.50 2.59 0.00	64.80 2.19 0.00	61.07 1.95 -0.11	65.16 2.14 0.00	70.75 2.39 0.00	87.18 3.43 -0.01	95.01 4.35 0.00	127.47 5.72 0.00	133.21 6.34 0.00	105.63 5.03 0.00	94.60 4.25 0.00	84.15 3.70 0.00	86.87 3.66 0.00	78.10 3.36 0.00
ROSETON___1 23587	66.25 3.94 -6.80	58.91 3.65 0.00	58.23 3.24 0.00	57.89 3.07 0.00	58.34 3.30 0.00	64.74 3.90 0.00	92.02 5.61 0.00	111.65 7.30 0.00	88.25 5.93 0.00	76.03 5.17 0.00	74.81 4.89 0.00	74.29 4.63 -7.05	72.37 4.37 -9.00	74.09 4.54 -6.53	73.07 4.71 0.00	89.76 6.03 0.00	97.27 6.61 0.00	130.75 9.01 0.00	136.01 9.14 0.00	107.85 7.25 0.00	97.04 6.69 0.00	86.08 5.63 0.00	88.61 5.41 0.00	79.14 4.41 0.00
ROSETON___2 23588	66.25 3.94 -6.80	58.91 3.65 0.00	58.23 3.24 0.00	57.89 3.07 0.00	58.34 3.30 0.00	64.74 3.90 0.00	92.02 5.61 0.00	111.65 7.30 0.00	88.25 5.93 0.00	76.03 5.17 0.00	74.81 4.89 0.00	74.29 4.63 -7.05	72.37 4.37 -9.00	74.09 4.54 -6.53	73.07 4.71 0.00	89.76 6.03 0.00	97.27 6.61 0.00	130.75 9.01 0.00	136.01 9.14 0.00	107.85 7.25 0.00	97.04 6.69 0.00	86.08 5.63 0.00	88.61 5.41 0.00	79.14 4.41 0.00
ROTRRDAM_115KV_TB3 80664	67.15 2.22 -9.43	57.42 2.16 0.00	56.96 1.98 0.00	56.63 1.81 0.00	56.97 1.93 0.00	63.28 2.43 0.00	90.04 3.63 0.00	108.63 4.28 0.00	85.61 3.29 0.00	73.55 2.69 0.00	72.50 2.59 0.00	66.10 2.32 -1.18	65.32 2.18 -4.13	66.44 2.33 -1.09	70.82 2.46 0.00	87.00 3.27 0.00	94.28 3.63 0.00	126.74 4.99 0.00	132.32 5.46 0.00	104.83 4.23 0.00	94.33 3.98 0.00	83.90 3.46 0.00	86.62 3.41 0.00	77.65 2.91 0.00
RUSSELL___1 23602	55.06 -1.33 -0.89	53.05 -2.21 0.00	52.67 -2.31 0.00	52.57 -2.25 0.00	53.01 -2.04 0.00	59.33 -1.52 0.00	83.99 -2.42 0.00	100.26 -4.28 -0.19	78.62 -3.70 0.00	67.38 -3.47 0.00	66.70 -3.22 0.00	59.44 -2.94 0.23	56.59 -2.48 -0.07	60.16 -2.65 0.21	65.28 -3.08 0.00	79.55 -4.19 0.00	87.13 -3.54 0.00	117.49 -4.26 -0.01	123.11 -4.31 -0.55	96.40 -4.23 -0.02	86.00 -4.61 -0.25	76.19 -4.26 0.00	79.80 -3.41 0.00	72.19 -2.54 0.00
RUSSELL___2 23532	55.06 -1.33 -0.89	53.05 -2.21 0.00	52.67 -2.31 0.00	52.57 -2.25 0.00	53.01 -2.04 0.00	59.33 -1.52 0.00	83.99 -2.42 0.00	100.26 -4.28 -0.19	78.62 -3.70 0.00	67.38 -3.47 0.00	66.70 -3.22 0.00	59.44 -2.94 0.23	56.59 -2.48 -0.07	60.16 -2.65 0.21	65.28 -3.08 0.00	79.55 -4.19 0.00	87.13 -3.54 0.00	117.49 -4.26 -0.01	123.11 -4.31 -0.55	96.40 -4.23 -0.02	86.00 -4.61 -0.25	76.19 -4.26 0.00	79.80 -3.41 0.00	72.19 -2.54 0.00
RUSSELL___3 23549	55.06 -1.33 -0.89	53.05 -2.21 0.00	52.67 -2.31 0.00	52.57 -2.25 0.00	53.01 -2.04 0.00	59.33 -1.52 0.00	83.99 -2.42 0.00	100.26 -4.28 -0.19	78.62 -3.70 0.00	67.38 -3.47 0.00	66.70 -3.22 0.00	59.44 -2.94 0.23	56.59 -2.48 -0.07	60.16 -2.65 0.21	65.28 -3.08 0.00	79.55 -4.19 0.00	87.13 -3.54 0.00	117.49 -4.26 -0.01	123.11 -4.31 -0.55	96.40 -4.23 -0.02	86.00 -4.61 -0.25	76.19 -4.26 0.00	79.80 -3.41 0.00	72.19 -2.54 0.00
RUSSELL___4 23556	55.06 -1.33 -0.89	53.05 -2.21 0.00	52.67 -2.31 0.00	52.57 -2.25 0.00	53.01 -2.04 0.00	59.33 -1.52 0.00	83.99 -2.42 0.00	100.26 -4.28 -0.19	78.62 -3.70 0.00	67.38 -3.47 0.00	66.70 -3.22 0.00	59.44 -2.94 0.23	56.59 -2.48 -0.07	60.16 -2.65 0.21	65.28 -3.08 0.00	79.55 -4.19 0.00	87.13 -3.54 0.00	117.49 -4.26 -0.01	123.11 -4.31 -0.55	96.40 -4.23 -0.02	86.00 -4.61 -0.25	76.19 -4.26 0.00	79.80 -3.41 0.00	72.19 -2.54 0.00
RUSSELL___STATION 23914	55.06 -1.33 -0.89	53.05 -2.21 0.00	52.67 -2.31 0.00	52.57 -2.25 0.00	53.01 -2.04 0.00	59.33 -1.52 0.00	83.99 -2.42 0.00	100.26 -4.28 -0.19	78.62 -3.70 0.00	67.38 -3.47 0.00	66.70 -3.22 0.00	59.44 -2.94 0.23	56.59 -2.48 -0.07	60.16 -2.65 0.21	65.28 -3.08 0.00	79.55 -4.19 0.00	87.13 -3.54 0.00	117.49 -4.26 -0.01	123.11 -4.31 -0.55	96.40 -4.23 -0.02	86.00 -4.61 -0.25	76.19 -4.26 0.00	79.80 -3.41 0.00	72.19 -2.54 0.00
S SALMON___HYD 24043	55.05 -1.00 -0.55	54.10 -1.16 0.00	53.72 -1.26 0.00	53.50 -1.32 0.00	53.94 -1.10 0.00	59.94 -0.91 0.00	85.46 -0.95 0.00	103.51 -0.84 0.00	81.34 -0.98 0.00	70.01 -0.85 0.00	68.73 -1.19 0.00	61.36 -1.25 0.00	57.88 -1.30 -0.17	61.76 -1.26 0.00	67.06 -1.30 0.00	82.40 -1.34 -0.01	89.66 -1.00 0.00	120.53 -1.22 0.00	125.85 -1.02 0.00	99.90 -0.70 0.00	89.36 -0.99 0.00	79.64 -0.80 0.00	82.29 -0.91 0.00	74.06 -0.67 0.00
S.PERRY___115KV_TB1 80734	54.89 -1.89 -1.28	53.16 -2.10 0.00	52.78 -2.20 0.00	52.74 -2.08 0.00	53.23 -1.82 0.00	59.87 -0.97 0.00	85.20 -1.21 0.00	101.84 -2.50 0.00	79.61 -2.72 0.00	67.67 -3.19 0.00	66.70 -3.22 0.00	59.26 -3.01 0.34	55.99 -3.07 -0.05	60.05 -2.65 0.32	65.42 -2.94 0.00	80.22 -3.52 0.00	85.31 -5.35 0.00	114.93 -6.82 0.00	119.59 -7.10 0.17	94.06 -6.54 0.00	84.04 -6.23 0.08	74.81 -5.63 0.00	78.13 -5.08 0.00	70.55 -4.19 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	53.32 -3.33 -1.15	52.33 -2.93 0.00	52.01 -2.97 0.00	51.75 -3.07 0.00	52.29 -2.75 0.00	58.72 -2.13 0.00	82.43 -3.97 0.00	96.25 -7.83 0.28	75.48 -6.83 0.01	64.55 -6.31 0.00	64.18 -5.73 0.00	57.23 -5.07 0.31	53.92 -5.07 0.01	58.51 -4.22 0.28	63.37 -4.99 0.00	76.61 -7.12 0.01	83.94 -6.71 0.01	113.58 -8.16 0.01	116.38 -9.39 1.10	92.22 -8.35 0.03	81.45 -8.40 0.50	73.12 -7.32 0.00	77.96 -5.24 0.00	71.07 -3.66 0.00

SAWYER___23_KV_LOAD 55526	53.32 -3.33 -1.15	52.33 -2.93 0.00	52.01 -2.97 0.00	51.75 -3.07 0.00	52.29 -2.75 0.00	58.72 -2.13 0.00	82.43 -3.97 0.00	96.25 -7.83 0.28	75.48 -6.83 0.01	64.55 -6.31 0.00	64.18 -5.73 0.00	57.23 -5.07 0.31	53.92 -5.07 0.01	58.51 -4.22 0.28	63.37 -4.99 0.00	76.61 -7.12 0.01	83.94 -6.71 0.01	113.58 -8.16 0.01	116.38 -9.39 1.10	92.22 -8.35 0.03	81.45 -8.40 0.50	73.12 -7.32 0.00	77.96 -5.24 0.00	71.07 -3.66 0.00
SELKIRK___I 23801	66.48 2.11 -8.87	57.41 2.15 0.00	56.91 1.92 0.00	56.57 1.75 0.00	56.91 1.87 0.00	63.16 2.31 0.00	89.61 3.20 0.00	108.00 3.65 0.00	85.03 2.71 0.00	73.12 2.27 0.00	72.36 2.45 0.00	66.18 2.38 -1.19	65.16 2.18 -3.96	66.52 2.39 -1.11	70.89 2.53 0.00	86.91 3.18 0.00	93.92 3.26 0.00	126.00 4.26 0.00	131.05 4.18 0.00	104.33 3.72 0.00	93.97 3.62 0.00	83.67 3.22 0.00	86.45 3.24 0.00	77.65 2.91 0.00
SELKIRK___II 23799	66.43 1.94 -8.99	57.19 1.93 0.00	56.69 1.71 0.00	56.35 1.53 0.00	56.75 1.71 0.00	62.92 2.07 0.00	89.26 2.85 0.00	107.79 3.44 0.00	85.03 2.71 0.00	73.27 2.41 0.00	72.57 2.66 0.00	66.47 2.57 -1.30	65.47 2.36 -4.10	66.74 2.52 -1.20	71.02 2.66 0.00	86.83 3.10 0.00	93.83 3.17 0.00	125.76 4.01 0.00	130.92 4.06 0.00	104.12 3.52 0.00	93.70 3.34 0.00	83.42 2.98 0.00	86.20 2.99 0.00	77.35 2.61 0.00
SENECA OSWGO___HYD 24041	54.78 -1.33 -0.61	53.71 -1.55 0.00	53.33 -1.65 0.00	53.18 -1.64 0.00	53.50 -1.54 0.00	59.51 -1.34 0.00	84.76 -1.64 0.00	102.36 -1.99 0.00	80.59 -1.73 0.00	69.23 -1.63 0.00	68.24 -1.68 0.00	61.05 -1.56 0.00	57.61 -1.59 -0.19	61.50 -1.51 0.00	66.72 -1.64 0.00	81.72 -2.01 0.00	88.93 -1.73 0.00	119.56 -2.19 0.00	124.71 -2.16 0.00	98.69 -1.91 0.00	88.36 -1.99 0.00	78.51 -1.93 0.00	81.30 -1.91 0.00	73.02 -1.72 0.00
SENECA___115KV_TB3 355854	53.65 -3.05 -1.20	53.38 -1.88 0.00	53.11 -1.87 0.00	52.84 -1.97 0.00	53.39 -1.65 0.00	59.93 -0.91 0.00	84.42 -1.99 0.00	99.09 -5.22 0.04	77.38 -4.94 0.00	66.18 -4.68 0.00	65.79 -4.13 0.00	58.66 -3.63 0.32	54.75 -4.25 0.01	59.95 -2.77 0.30	64.94 -3.42 0.00	78.62 -5.11 0.00	86.12 -4.53 0.00	116.51 -5.24 0.00	119.54 -6.85 0.47	94.45 -6.14 0.01	83.81 -6.32 0.21	75.06 -5.39 0.00	79.96 -3.25 0.00	72.79 -1.94 0.00
SENECA___ENERGY 23797	55.52 -0.94 -0.96	54.32 -0.94 0.00	53.82 -1.16 0.00	53.72 -1.10 0.00	54.16 -0.88 0.00	60.48 -0.36 0.00	86.32 -0.09 0.00	103.62 -0.73 0.00	81.42 -0.90 0.00	69.72 -1.14 0.00	68.66 -1.26 0.00	61.18 -1.19 0.24	57.65 -1.42 -0.06	61.78 -1.01 0.22	67.26 -1.10 0.00	82.31 -1.42 0.00	89.84 -0.82 0.00	121.14 -0.61 0.00	126.36 -0.51 0.00	99.69 -0.91 0.00	89.00 -1.35 0.00	79.16 -1.29 0.00	82.29 -0.91 0.00	74.06 -0.67 0.00
SHOEMAKER___GT 23640	65.05 3.33 -6.22	58.30 3.04 0.00	57.68 2.69 0.00	57.34 2.52 0.00	57.79 2.75 0.00	64.19 3.34 0.00	91.24 4.84 0.00	110.61 6.26 0.00	87.34 5.02 0.00	75.11 4.25 0.00	73.90 3.98 0.00	59.31 3.82 7.12	57.60 3.54 4.95	60.14 3.72 6.60	72.25 3.89 0.00	88.84 5.11 0.00	96.37 5.71 0.00	129.54 7.80 0.00	134.73 7.87 0.00	106.74 6.14 0.00	96.05 5.70 0.00	85.27 4.83 0.00	87.86 4.66 0.00	78.47 3.74 0.00
SHOEMAKR_138KV_BK 111 55601	65.02 3.33 -6.19	58.19 2.93 0.00	57.68 2.69 0.00	57.34 2.52 0.00	57.74 2.70 0.00	64.13 3.29 0.00	91.25 4.84 0.00	110.50 6.16 0.00	87.34 5.02 0.00	75.11 4.25 0.00	73.97 4.06 0.00	59.30 3.82 7.12	57.64 3.60 4.97	60.13 3.72 6.61	72.32 3.96 0.00	88.76 5.02 0.00	96.37 5.71 0.00	129.54 7.79 0.00	134.86 7.99 0.00	106.74 6.14 0.00	96.04 5.69 0.00	85.27 4.83 0.00	87.78 4.58 0.00	78.40 3.66 0.00
SHOREHAM_IC_1 23715	69.16 6.77 -6.89	61.50 6.24 0.00	60.26 5.28 0.00	59.86 5.04 0.00	60.16 5.12 0.00	67.06 6.21 0.00	96.77 10.36 0.00	117.71 13.36 0.00	93.02 10.70 0.00	79.43 8.57 0.00	78.95 9.02 -0.01	74.92 8.33 -3.98	72.78 7.73 -6.05	75.03 8.32 -3.69	77.19 8.82 -0.01	104.13 11.30 -9.10	137.92 12.33 -34.94	153.90 17.90 -14.25	146.64 17.76 -2.01	138.40 13.58 -24.22	134.32 12.47 -31.50	134.31 10.54 -43.33	105.31 10.57 -11.53	90.12 9.42 -5.97
SHOREHAM_IC_2 23716	69.16 6.77 -6.89	61.50 6.24 0.00	60.26 5.28 0.00	59.86 5.04 0.00	60.16 5.12 0.00	67.06 6.21 0.00	96.77 10.36 0.00	117.71 13.36 0.00	93.02 10.70 0.00	79.43 8.57 0.00	78.95 9.02 -0.01	74.92 8.33 -3.98	72.78 7.73 -6.05	75.03 8.32 -3.69	77.19 8.82 -0.01	104.13 11.30 -9.10	137.92 12.33 -34.94	153.90 17.90 -14.25	146.64 17.76 -2.01	138.40 13.58 -24.22	134.32 12.47 -31.50	134.31 10.54 -43.33	105.31 10.57 -11.53	90.12 9.42 -5.97
SISSONVILLE____ 23735	53.79 -1.94 -0.23	53.55 -1.71 0.00	53.50 -1.48 0.00	53.45 -1.37 0.00	53.83 -1.21 0.00	57.26 -3.59 0.00	81.31 -5.10 0.00	98.92 -5.43 0.00	77.79 -4.53 0.00	67.60 -3.26 0.00	65.86 -4.06 0.00	58.54 -4.07 0.00	55.12 -3.95 -0.07	58.67 -4.35 0.00	64.05 -4.31 0.00	79.01 -4.86 -0.14	84.86 -5.80 0.00	113.71 -8.04 0.00	119.25 -7.61 0.00	94.87 -5.73 0.00	85.02 -5.33 0.00	76.26 -4.18 0.00	79.63 -3.58 0.00	74.51 -0.22 0.00
SITHE_IND_GS1 24169	53.96 -2.00 -0.45	53.10 -2.16 0.00	52.78 -2.20 0.00	52.57 -2.25 0.00	52.89 -2.15 0.00	58.72 -2.13 0.00	83.47 -2.94 0.00	100.69 -3.66 0.00	79.28 -3.04 0.00	68.16 -2.69 0.00	67.26 -2.66 0.00	60.17 -2.44 0.00	56.85 -2.30 -0.14	60.62 -2.39 0.00	65.76 -2.60 0.00	80.55 -3.18 0.00	87.48 -3.18 0.00	117.73 -4.01 0.00	122.68 -4.18 0.00	97.08 -3.52 0.00	87.01 -3.34 0.00	77.39 -3.06 0.00	80.21 -2.99 0.00	72.12 -2.62 0.00
SITHE_IND_GS2 24170	53.96 -2.00 -0.45	53.10 -2.16 0.00	52.78 -2.20 0.00	52.57 -2.25 0.00	52.89 -2.15 0.00	58.72 -2.13 0.00	83.47 -2.94 0.00	100.69 -3.66 0.00	79.28 -3.04 0.00	68.16 -2.69 0.00	67.26 -2.66 0.00	60.17 -2.44 0.00	56.85 -2.30 -0.14	60.62 -2.39 0.00	65.76 -2.60 0.00	80.55 -3.18 0.00	87.48 -3.18 0.00	117.73 -4.01 0.00	122.68 -4.18 0.00	97.08 -3.52 0.00	87.01 -3.34 0.00	77.39 -3.06 0.00	80.21 -2.99 0.00	72.12 -2.62 0.00
SITHE_IND_GS3 24171	53.96 -2.00 -0.45	53.10 -2.16 0.00	52.78 -2.20 0.00	52.57 -2.25 0.00	52.89 -2.15 0.00	58.72 -2.13 0.00	83.47 -2.94 0.00	100.69 -3.66 0.00	79.28 -3.04 0.00	68.16 -2.69 0.00	67.26 -2.66 0.00	60.17 -2.44 0.00	56.85 -2.30 -0.14	60.62 -2.39 0.00	65.76 -2.60 0.00	80.55 -3.18 0.00	87.48 -3.18 0.00	117.73 -4.01 0.00	122.68 -4.18 0.00	97.08 -3.52 0.00	87.01 -3.34 0.00	77.39 -3.06 0.00	80.21 -2.99 0.00	72.12 -2.62 0.00
SITHE_IND_GS4 24172	53.96 -2.00 -0.45	53.10 -2.16 0.00	52.78 -2.20 0.00	52.57 -2.25 0.00	52.89 -2.15 0.00	58.72 -2.13 0.00	83.47 -2.94 0.00	100.69 -3.66 0.00	79.28 -3.04 0.00	68.16 -2.69 0.00	67.26 -2.66 0.00	60.17 -2.44 0.00	56.85 -2.30 -0.14	60.62 -2.39 0.00	65.76 -2.60 0.00	80.55 -3.18 0.00	87.48 -3.18 0.00	117.73 -4.01 0.00	122.68 -4.18 0.00	97.08 -3.52 0.00	87.01 -3.34 0.00	77.39 -3.06 0.00	80.21 -2.99 0.00	72.12 -2.62 0.00

SITHE___BATAVIA 24024	54.63 -1.89 -1.02	53.22 -2.04 0.00	52.78 -2.20 0.00	52.62 -2.19 0.00	53.23 -1.82 0.00	59.75 -1.09 0.00	84.16 -2.25 0.00	100.72 -5.01 -1.38	77.82 -4.53 -0.03	66.39 -4.46 0.00	65.93 -3.98 0.00	58.71 -3.63 0.27	55.07 -3.95 -0.02	59.62 -3.15 0.25	64.73 -3.63 0.00	78.40 -5.36 -0.03	86.43 -4.26 -0.03	116.68 -5.11 -0.04	125.80 -4.69 -3.63	95.30 -5.43 -0.13	85.79 -6.23 -1.67	74.92 -5.55 -0.02	79.30 -3.91 0.00	72.27 -2.46 0.00
SITHE___INDEPEND 23800	53.96 -2.00 -0.45	53.11 -2.16 0.00	52.78 -2.20 0.00	52.57 -2.25 0.00	52.90 -2.15 0.00	58.72 -2.13 0.00	83.47 -2.94 0.00	100.70 -3.65 0.00	79.28 -3.05 0.00	68.16 -2.69 0.00	67.26 -2.66 0.00	60.17 -2.44 0.00	56.91 -2.24 -0.14	60.62 -2.39 0.00	65.76 -2.60 0.00	80.55 -3.18 0.00	87.48 -3.17 0.00	117.61 -4.14 0.00	122.68 -4.19 0.00	97.08 -3.52 0.00	87.01 -3.34 0.00	77.39 -3.06 0.00	80.21 -3.00 0.00	72.05 -2.69 0.00
SITHE___MASSENA 23902	54.72 -0.78 0.00	54.82 -0.44 0.00	54.87 -0.11 0.00	54.87 0.05 0.00	54.88 -0.16 0.00	60.12 -0.73 0.00	85.02 -1.39 0.00	102.36 -1.99 0.00	81.09 -1.23 0.00	69.80 -1.06 0.00	69.08 -0.84 0.00	61.67 -0.94 0.00	58.36 -0.65 0.00	62.13 -0.88 0.00	67.54 -0.82 0.00	82.47 -1.25 0.01	88.93 -1.73 0.00	119.31 -2.43 0.00	124.45 -2.41 0.00	98.69 -1.91 0.00	88.63 -1.72 0.00	79.32 -1.13 0.00	82.12 -1.08 0.00	73.99 -0.75 0.00
SITHE___OGDNSBRG 24021	55.67 -0.06 -0.23	55.43 0.17 0.00	55.42 0.44 0.00	55.31 0.49 0.00	55.76 0.72 0.00	59.69 -1.16 0.00	85.37 -1.04 0.00	104.14 -0.21 0.00	81.42 -0.91 0.00	70.22 -0.64 0.00	68.31 -1.61 0.00	60.67 -1.94 0.00	57.13 -1.95 -0.07	60.75 -2.27 0.00	66.44 -1.91 0.00	82.28 -1.59 -0.14	89.03 -1.63 0.00	119.07 -2.68 0.00	125.22 -1.65 0.00	99.50 -1.11 0.00	88.91 -1.45 0.00	79.72 -0.72 0.00	83.04 -0.17 0.00	77.43 2.69 0.00
SITHE___STERLING 23777	57.32 1.39 -0.43	56.64 1.38 0.00	56.25 1.27 0.00	56.02 1.20 0.00	56.47 1.43 0.00	62.85 2.00 0.00	89.95 3.54 0.00	108.93 4.59 0.00	85.62 3.30 0.00	73.40 2.55 0.00	72.09 2.17 0.00	64.43 1.82 0.00	60.67 1.53 -0.13	64.85 1.83 0.00	70.41 2.05 0.00	86.59 2.85 -0.01	94.29 3.63 0.00	126.49 4.74 0.00	132.07 5.20 0.00	104.63 4.03 0.00	93.70 3.34 0.00	83.34 2.89 0.00	86.04 2.83 0.00	77.35 2.61 0.00
SLEIGHT__34_KV_TB1 80719	55.10 -1.28 -0.88	53.38 -1.88 0.00	53.00 -1.98 0.00	52.84 -1.97 0.00	53.28 -1.76 0.00	59.57 -1.28 0.00	84.85 -1.56 0.00	101.74 -2.61 0.00	79.85 -2.47 0.00	68.45 -2.41 0.00	67.54 -2.38 0.00	60.20 -2.19 0.22	57.12 -1.95 -0.06	60.73 -2.08 0.20	66.03 -2.32 0.00	80.72 -3.01 0.00	88.30 -2.36 0.00	119.31 -2.43 0.00	124.46 -2.54 -0.13	97.99 -2.62 0.00	87.43 -2.98 -0.06	77.47 -2.98 0.00	80.71 -2.50 0.00	72.72 -2.02 0.00
SOUTH CAIRO___GT 23612	67.37 3.39 -8.49	59.13 3.87 0.00	58.72 3.74 0.00	58.33 3.51 0.00	58.73 3.69 0.00	65.41 4.56 0.00	93.32 6.91 0.00	112.07 7.72 0.00	88.00 5.68 0.00	75.11 4.25 0.00	74.32 4.40 0.00	67.71 4.26 -0.85	66.41 3.89 -3.51	68.09 4.29 -0.79	72.87 4.51 0.00	89.84 6.11 0.00	97.91 7.25 0.00	132.09 10.35 0.00	137.65 10.78 0.00	108.75 8.15 0.00	97.58 7.23 0.00	87.04 6.60 0.00	89.86 6.66 0.00	80.71 5.98 0.00
SOUTH HAMPTN___IC 23720	69.38 6.99 -6.89	61.72 6.46 0.00	60.48 5.50 0.00	60.13 5.32 0.00	60.49 5.45 0.00	67.42 6.57 0.00	97.47 11.06 0.00	118.64 14.30 0.00	93.85 11.52 0.00	80.14 9.28 0.00	79.65 9.71 -0.01	75.48 8.89 -3.98	73.32 8.26 -6.05	75.60 8.89 -3.69	77.87 9.50 -0.01	104.97 12.14 -9.10	139.11 13.51 -34.94	155.47 19.47 -14.25	148.15 19.28 -2.01	139.61 14.79 -24.22	135.32 13.47 -31.50	135.12 11.35 -43.33	106.14 11.40 -11.53	90.87 10.16 -5.97
SOUTHDOW_115KV_TB1 355954	55.01 -1.78 -1.29	55.48 0.22 0.00	55.31 0.33 0.00	54.98 0.16 0.00	55.65 0.61 0.00	62.67 1.83 0.00	89.00 2.59 0.00	105.00 0.73 0.07	81.99 -0.33 0.00	70.15 -0.71 0.00	69.85 -0.07 0.00	62.07 -0.19 0.35	57.30 -1.71 0.00	63.45 0.76 0.32	68.70 0.34 0.00	83.23 -0.50 0.00	91.02 0.36 0.00	123.45 1.70 0.00	126.45 0.13 0.55	99.98 -0.60 0.01	88.66 -1.45 0.25	79.56 -0.88 0.00	84.70 1.50 0.00	76.75 2.02 0.00
SOUTHOLD_69_KV_BK 2 55809	69.44 7.05 -6.89	61.73 6.47 0.00	60.59 5.61 0.00	60.14 5.32 0.00	60.66 5.61 0.00	67.72 6.88 0.00	98.25 11.84 0.00	119.89 15.55 0.00	94.92 12.60 0.00	80.78 9.92 0.00	80.63 10.70 -0.01	76.30 9.70 -3.98	74.14 9.09 -6.05	76.41 9.70 -3.69	78.83 10.46 -0.01	106.23 13.40 -9.10	140.65 15.05 -34.94	157.91 21.91 -14.25	150.45 21.57 -2.01	141.22 16.40 -24.22	136.67 14.82 -31.50	136.32 12.55 -43.33	107.31 12.56 -11.53	91.92 11.21 -5.97
SOUTHOLD___IC 23719	69.44 7.05 -6.89	61.78 6.52 0.00	60.59 5.61 0.00	60.30 5.48 0.00	60.66 5.62 0.00	67.72 6.87 0.00	98.25 11.84 0.00	119.90 15.55 0.00	94.92 12.60 0.00	80.99 10.13 0.00	80.49 10.56 -0.01	76.30 9.70 -3.98	74.08 9.03 -6.05	76.41 9.70 -3.69	78.76 10.39 -0.01	106.22 13.39 -9.10	140.65 15.05 -34.94	157.79 21.79 -14.25	150.45 21.57 -2.01	141.23 16.40 -24.22	136.67 14.82 -31.50	136.32 12.54 -43.33	107.31 12.57 -11.53	91.91 11.21 -5.97
SOUTH_FORK_WT_PWR 323839	68.88 6.49 -6.89	61.23 5.97 0.00	60.04 5.06 0.00	59.81 4.99 0.00	60.21 5.17 0.00	67.29 6.45 0.00	97.81 11.41 0.00	119.47 15.13 0.00	94.67 12.34 0.00	80.85 9.99 0.00	80.35 10.42 -0.01	76.23 9.64 -3.98	74.02 8.97 -6.05	76.35 9.64 -3.69	78.70 10.32 -0.01	106.14 13.31 -9.10	140.65 15.05 -34.94	157.67 21.67 -14.25	150.19 21.31 -2.01	141.02 16.20 -24.22	136.40 14.55 -31.50	136.08 12.31 -43.33	107.05 12.31 -11.53	91.85 11.14 -5.97
SPIERFLS_115KV_TB 1 80737	69.51 4.72 -9.29	59.96 4.70 0.00	59.33 4.34 0.00	58.71 3.89 0.00	59.17 4.13 0.00	66.20 5.35 0.00	94.70 8.30 0.00	114.05 9.70 0.00	89.57 7.24 0.00	76.67 5.81 0.00	75.23 5.31 0.00	68.52 4.63 -1.28	67.56 4.37 -4.18	68.93 4.73 -1.19	73.55 5.20 0.00	90.43 6.70 0.00	98.09 7.43 0.00	132.46 10.71 0.00	136.89 10.02 0.00	108.15 7.55 0.00	97.40 7.05 0.00	86.48 6.03 0.00	89.20 5.99 0.00	79.89 5.16 0.00
ST LAWRENCE____ 23600	54.33 -1.17 0.00	54.32 -0.94 0.00	54.38 -0.60 0.00	54.44 -0.38 0.00	54.38 -0.66 0.00	59.57 -1.28 0.00	84.16 -2.25 0.00	101.63 -2.71 0.00	80.35 -1.98 0.00	69.23 -1.63 0.00	68.52 -1.40 0.00	61.17 -1.44 0.00	57.83 -1.18 0.00	61.57 -1.45 0.00	66.92 -1.44 0.00	81.80 -1.92 0.01	88.21 -2.44 0.00	118.34 -3.41 0.00	123.31 -3.55 0.00	97.89 -2.71 0.00	87.92 -2.44 0.00	78.60 -1.85 0.00	81.38 -1.83 0.00	73.24 -1.49 0.00
STATE_CA_115KV_115_LB 55624	66.91 2.28 -9.13	57.42 2.16 0.00	56.96 1.98 0.00	56.57 1.75 0.00	56.97 1.93 0.00	63.22 2.37 0.00	89.69 3.28 0.00	108.31 3.97 0.00	85.45 3.13 0.00	73.62 2.76 0.00	73.20 3.29 0.00	66.99 3.07 -1.32	66.07 2.89 -4.17	67.32 3.09 -1.22	71.57 3.21 0.00	87.42 3.68 0.00	94.37 3.72 0.00	126.49 4.75 0.00	131.94 5.07 0.00	104.73 4.12 0.00	94.33 3.98 0.00	83.99 3.54 0.00	86.70 3.49 0.00	77.80 3.06 0.00

STATE_ST_34_KV_LOAD 55959	56.29 -0.17 -0.95	54.93 -0.33 0.00	54.54 -0.44 0.00	54.38 -0.44 0.00	54.77 -0.28 0.00	61.09 0.24 0.00	87.27 0.86 0.00	105.08 0.73 0.00	82.73 0.41 0.00	70.93 0.07 0.00	69.85 -0.07 0.00	62.25 -0.13 0.23	58.77 -0.30 -0.06	62.74 -0.06 0.22	68.29 -0.07 0.00	83.73 0.00 0.00	91.29 0.63 0.00	123.08 1.34 0.00	128.26 1.40 0.00	101.41 0.80 0.00	90.71 0.36 0.00	80.61 0.16 0.00	83.46 0.25 0.00	74.89 0.15 0.00
STATION 5_MISC_HYD 23604	54.84 -1.55 -0.89	52.94 -2.32 0.00	52.51 -2.47 0.00	52.35 -2.47 0.00	52.84 -2.20 0.00	59.08 -1.77 0.00	83.64 -2.77 0.00	99.86 -4.69 -0.21	78.21 -4.11 0.00	66.96 -3.90 0.00	66.28 -3.64 0.00	59.12 -3.26 0.23	56.00 -3.07 -0.07	59.78 -3.02 0.21	65.01 -3.35 0.00	78.88 -4.86 0.00	86.58 -4.08 0.00	117.00 -4.75 -0.01	123.24 -4.18 -0.55	95.99 -4.63 -0.02	85.55 -5.06 -0.25	75.70 -4.75 0.00	79.38 -3.83 0.00	71.97 -2.76 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	55.57 -0.83 -0.90	53.88 -1.38 0.00	53.50 -1.48 0.00	53.39 -1.43 0.00	53.83 -1.21 0.00	60.30 -0.55 0.00	85.80 -0.60 0.00	102.79 -1.67 -0.11	80.68 -1.65 0.00	69.01 -1.84 0.00	68.17 -1.75 0.00	60.75 -1.63 0.23	57.54 -1.53 -0.06	61.29 -1.51 0.21	66.65 -1.71 0.00	81.56 -2.18 0.00	89.21 -1.45 0.00	120.41 -1.34 0.00	125.74 -1.27 -0.14	99.00 -1.61 0.00	88.25 -2.17 -0.06	78.35 -2.09 0.00	81.63 -1.58 0.00	73.54 -1.20 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	54.55 -1.83 -0.88	52.66 -2.60 0.00	52.29 -2.69 0.00	52.13 -2.69 0.00	52.57 -2.48 0.00	58.78 -2.07 0.00	83.30 -3.11 0.00	99.52 -5.01 -0.18	78.04 -4.28 0.00	66.82 -4.04 0.00	66.14 -3.78 0.00	59.00 -3.38 0.23	56.12 -2.95 -0.06	59.66 -3.15 0.21	64.73 -3.62 0.00	78.96 -4.77 0.00	86.40 -4.26 0.00	116.76 -4.99 0.00	122.31 -5.07 -0.52	95.79 -4.83 -0.02	85.44 -5.15 -0.24	75.62 -4.83 0.00	79.21 -3.99 0.00	71.52 -3.21 0.00
STA_56___34_KV_BUS2 355983	54.55 -1.83 -0.88	52.66 -2.60 0.00	52.29 -2.69 0.00	52.13 -2.69 0.00	52.57 -2.48 0.00	58.78 -2.07 0.00	83.30 -3.11 0.00	99.52 -5.01 -0.18	78.04 -4.28 0.00	66.82 -4.04 0.00	66.14 -3.78 0.00	59.00 -3.38 0.23	56.12 -2.95 -0.06	59.66 -3.15 0.21	64.73 -3.62 0.00	78.96 -4.77 0.00	86.40 -4.26 0.00	116.76 -4.99 0.00	122.31 -5.07 -0.52	95.79 -4.83 -0.02	85.44 -5.15 -0.24	75.62 -4.83 0.00	79.21 -3.99 0.00	71.52 -3.21 0.00
STA_67___115KV_BK2 355882	54.72 -1.67 -0.89	52.77 -2.49 0.00	52.40 -2.58 0.00	52.24 -2.58 0.00	52.68 -2.37 0.00	58.96 -1.89 0.00	83.47 -2.94 0.00	99.52 -5.01 -0.19	77.96 -4.36 0.00	66.75 -4.11 0.00	66.07 -3.85 0.00	58.94 -3.44 0.23	56.12 -2.95 -0.07	59.66 -3.15 0.21	64.73 -3.62 0.00	78.88 -4.86 0.00	86.31 -4.35 0.00	116.52 -5.24 0.00	122.08 -5.33 -0.54	95.69 -4.93 -0.02	85.27 -5.33 -0.25	75.54 -4.91 0.00	79.21 -3.99 0.00	71.60 -3.14 0.00
STA_7___115KV_9TRANS 80674	55.06 -1.33 -0.89	53.05 -2.21 0.00	52.67 -2.31 0.00	52.57 -2.25 0.00	53.01 -2.04 0.00	59.33 -1.52 0.00	83.99 -2.42 0.00	100.26 -4.28 -0.19	78.62 -3.70 0.00	67.38 -3.47 0.00	66.70 -3.22 0.00	59.44 -2.94 0.23	56.59 -2.48 -0.07	60.16 -2.65 0.21	65.28 -3.08 0.00	79.55 -4.19 0.00	87.13 -3.54 0.00	117.49 -4.26 -0.01	123.11 -4.31 -0.55	96.40 -4.23 -0.02	86.00 -4.61 -0.25	76.19 -4.26 0.00	79.80 -3.41 0.00	72.19 -2.54 0.00
STA_82___115KV_TB1 80780	54.73 -1.67 -0.89	52.77 -2.49 0.00	52.40 -2.58 0.00	52.24 -2.58 0.00	52.68 -2.37 0.00	58.96 -1.89 0.00	83.47 -2.94 0.00	99.56 -5.01 -0.22	77.96 -4.36 0.00	66.82 -4.04 0.00	66.07 -3.85 0.00	58.94 -3.44 0.23	56.12 -2.95 -0.06	59.65 -3.15 0.21	64.73 -3.62 0.00	78.96 -4.77 0.00	86.31 -4.35 0.00	116.64 -5.11 -0.01	122.29 -5.20 -0.62	95.69 -4.93 -0.02	85.40 -5.24 -0.29	75.54 -4.91 0.00	79.21 -3.99 0.00	71.60 -3.14 0.00
STEEL___WIND 323596	53.59 -3.11 -1.20	53.38 -1.88 0.00	53.01 -1.98 0.00	52.74 -2.08 0.00	53.44 -1.60 0.00	59.87 -0.98 0.00	84.25 -2.16 0.00	98.44 -5.74 0.17	77.30 -5.02 0.00	66.11 -4.75 0.00	65.72 -4.19 0.00	58.53 -3.75 0.32	54.28 -4.72 0.01	59.82 -2.90 0.30	65.01 -3.35 0.00	78.37 -5.36 0.00	85.94 -4.72 0.00	116.51 -5.23 0.00	120.81 -5.58 0.47	94.45 -6.14 0.01	83.45 -6.69 0.21	74.97 -5.47 0.00	79.88 -3.33 0.00	72.87 -1.87 0.00
STEPHTWN_115KV_BK_2 55603	67.20 2.66 -9.04	57.86 2.60 0.00	57.35 2.36 0.00	56.96 2.14 0.00	57.30 2.26 0.00	63.71 2.86 0.00	90.56 4.15 0.00	109.25 4.90 0.00	86.11 3.79 0.00	74.12 3.26 0.00	73.62 3.71 0.00	67.39 3.44 -1.34	66.35 3.19 -4.16	67.66 3.40 -1.24	71.91 3.55 0.00	87.92 4.19 0.00	95.01 4.35 0.00	127.71 5.97 0.00	133.21 6.34 0.00	105.63 5.03 0.00	95.05 4.70 0.00	84.71 4.26 0.00	87.37 4.16 0.00	78.40 3.66 0.00
STEUBEN_REC_LFGE 323667	55.69 -1.44 -1.63	54.93 -0.33 0.00	54.60 -0.38 0.00	54.49 -0.33 0.00	55.10 0.06 0.00	62.00 1.16 0.00	88.40 1.99 0.00	105.44 1.15 0.05	82.32 0.00 0.00	70.08 -0.78 0.00	69.29 -0.63 0.00	61.41 -0.75 0.44	57.53 -1.53 -0.05	62.67 0.06 0.41	68.36 0.00 0.00	83.73 0.00 0.00	91.84 1.18 0.00	124.42 2.68 0.00	128.20 1.65 0.32	101.30 0.70 0.01	90.21 0.00 0.14	80.61 0.16 0.00	84.54 1.33 0.00	76.45 1.72 0.00
STILLWATER___SOLAR 323814	69.01 4.27 -9.23	59.52 4.26 0.00	58.89 3.90 0.00	58.44 3.62 0.00	58.84 3.80 0.00	65.60 4.75 0.00	93.58 7.17 0.00	112.80 8.45 0.00	88.66 6.34 0.00	76.03 5.17 0.00	74.67 4.76 0.00	68.19 4.26 -1.33	67.17 3.95 -4.21	68.59 4.34 -1.23	73.14 4.78 0.00	90.02 6.28 0.00	97.54 6.89 0.00	131.36 9.62 0.00	135.50 8.63 0.00	107.45 6.84 0.00	96.67 6.32 0.00	85.92 5.47 0.00	88.70 5.49 0.00	79.45 4.71 0.00
STONY___BROOK 24151	69.38 6.99 -6.89	61.72 6.46 0.00	60.53 5.55 0.00	60.08 5.26 0.00	60.44 5.40 0.00	67.23 6.39 0.00	96.86 10.45 0.00	117.81 13.47 0.00	93.02 10.70 0.00	79.57 8.71 0.00	78.74 8.81 -0.01	74.73 8.14 -3.98	72.67 7.61 -6.05	74.84 8.13 -3.69	76.99 8.61 -0.01	103.71 10.88 -9.10	137.75 12.15 -34.94	153.04 17.04 -14.25	146.00 17.12 -2.01	138.10 13.28 -24.22	133.96 12.11 -31.50	134.16 10.38 -43.33	105.06 10.32 -11.53	89.52 8.81 -5.97
STURGEON_POOL_HYD 23609	68.03 5.49 -7.03	60.34 5.08 0.00	59.77 4.78 0.00	59.42 4.60 0.00	59.89 4.84 0.00	66.69 5.84 0.00	95.05 8.64 0.00	115.09 10.75 0.00	90.97 8.64 0.00	78.01 7.16 0.00	76.63 6.71 0.00	68.30 6.14 0.44	66.52 5.72 -1.79	68.53 5.92 0.41	74.99 6.63 0.00	92.36 8.62 0.00	100.63 9.97 0.00	135.87 14.12 0.00	141.20 14.34 0.00	111.47 10.86 0.00	100.11 9.76 0.00	88.81 8.37 0.00	91.36 8.15 0.00	81.46 6.73 0.00
ST_LAW_115_BK7_LBMP 345037	54.28 -1.22 0.00	54.32 -0.94 0.00	54.38 -0.60 0.00	54.44 -0.38 0.00	54.38 -0.66 0.00	59.57 -1.28 0.00	84.16 -2.25 0.00	101.53 -2.81 0.00	80.35 -1.98 0.00	69.23 -1.63 0.00	68.52 -1.40 0.00	61.17 -1.44 0.00	57.83 -1.18 0.00	61.57 -1.45 0.00	66.92 -1.44 0.00	81.80 -1.92 0.01	88.21 -2.44 0.00	118.34 -3.41 0.00	123.31 -3.55 0.00	97.89 -2.71 0.00	87.92 -2.44 0.00	78.60 -1.85 0.00	81.38 -1.83 0.00	73.24 -1.49 0.00

ST_LAW_115_BK8_LBMP 345038	54.28 -1.22 0.00	54.32 -0.94 0.00	54.38 -0.60 0.00	54.44 -0.38 0.00	54.38 -0.66 0.00	59.57 -1.28 0.00	84.16 -2.25 0.00	101.53 -2.81 0.00	80.35 -1.98 0.00	69.23 -1.63 0.00	68.52 -1.40 0.00	61.17 -1.44 0.00	57.83 -1.18 0.00	61.57 -1.45 0.00	66.92 -1.44 0.00	81.80 -1.92 0.01	88.21 -2.44 0.00	118.34 -3.41 0.00	123.31 -3.55 0.00	97.89 -2.71 0.00	87.92 -2.44 0.00	78.60 -1.85 0.00	81.38 -1.83 0.00	73.24 -1.49 0.00
ST_LAW_230_BK5_LBMP 345035	54.33 -1.17 0.00	54.32 -0.94 0.00	54.38 -0.60 0.00	54.44 -0.38 0.00	54.38 -0.66 0.00	59.57 -1.28 0.00	84.16 -2.25 0.00	101.63 -2.71 0.00	80.35 -1.98 0.00	69.23 -1.63 0.00	68.52 -1.40 0.00	61.17 -1.44 0.00	57.83 -1.18 0.00	61.57 -1.45 0.00	66.92 -1.44 0.00	81.80 -1.92 0.01	88.21 -2.44 0.00	118.34 -3.41 0.00	123.31 -3.55 0.00	97.89 -2.71 0.00	87.92 -2.44 0.00	78.60 -1.85 0.00	81.38 -1.83 0.00	73.24 -1.49 0.00
ST_LAW_230_BK6_LBMP 345036	54.33 -1.17 0.00	54.32 -0.94 0.00	54.38 -0.60 0.00	54.44 -0.38 0.00	54.38 -0.66 0.00	59.57 -1.28 0.00	84.16 -2.25 0.00	101.63 -2.71 0.00	80.35 -1.98 0.00	69.23 -1.63 0.00	68.52 -1.40 0.00	61.17 -1.44 0.00	57.83 -1.18 0.00	61.57 -1.45 0.00	66.92 -1.44 0.00	81.80 -1.92 0.01	88.21 -2.44 0.00	118.34 -3.41 0.00	123.31 -3.55 0.00	97.89 -2.71 0.00	87.92 -2.44 0.00	78.60 -1.85 0.00	81.38 -1.83 0.00	73.24 -1.49 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	65.39 3.55 -6.34	58.47 3.21 0.00	57.90 2.91 0.00	57.50 2.69 0.00	57.96 2.92 0.00	64.38 3.53 0.00	91.59 5.18 0.00	111.03 6.68 0.00	87.76 5.43 0.00	75.53 4.68 0.00	74.39 4.47 0.00	59.72 4.19 7.08	58.14 4.01 4.88	60.55 4.10 6.57	72.66 4.31 0.00	89.26 5.53 0.00	96.82 6.16 0.00	130.15 8.40 0.00	135.49 8.63 0.00	107.24 6.64 0.00	96.50 6.14 0.00	85.59 5.15 0.00	88.12 4.91 0.00	78.70 3.96 0.00
SWANROAD_115KV_TB1 355699	52.17 -4.44 -1.11	50.78 -4.48 0.00	50.47 -4.51 0.00	50.21 -4.60 0.00	50.75 -4.29 0.00	56.95 -3.89 0.00	79.76 -6.65 0.00	93.56 -11.48 -0.69	72.62 -9.71 -0.01	62.28 -8.57 0.00	61.88 -8.04 0.00	55.24 -7.07 0.30	52.33 -6.67 0.01	56.44 -6.30 0.28	61.11 -7.25 0.00	73.87 -9.88 -0.01	80.88 -9.79 -0.01	109.47 -12.30 -0.02	115.23 -13.57 -1.94	89.00 -11.67 -0.07	79.77 -11.47 -0.89	70.40 -10.06 -0.01	75.22 -7.99 0.00	68.83 -5.90 0.00
SYNERGY___BIOGAS 323694	54.63 -1.89 -1.02	53.22 -2.04 0.00	52.78 -2.20 0.00	52.62 -2.19 0.00	53.23 -1.82 0.00	59.75 -1.09 0.00	84.16 -2.25 0.00	100.72 -5.01 -1.38	77.82 -4.53 -0.03	66.39 -4.46 0.00	65.93 -3.98 0.00	58.71 -3.63 0.27	55.07 -3.95 -0.02	59.62 -3.15 0.25	64.73 -3.63 0.00	78.40 -5.36 -0.03	86.43 -4.26 -0.03	116.68 -5.11 -0.04	125.80 -4.69 -3.63	95.30 -5.43 -0.13	85.79 -6.23 -1.67	74.92 -5.55 -0.02	79.30 -3.91 0.00	72.27 -2.46 0.00
SYRACUSE___ENERGY_ST1 323597	55.82 -0.44 -0.76	54.65 -0.61 0.00	54.21 -0.77 0.00	54.05 -0.77 0.00	54.44 -0.61 0.00	60.54 -0.30 0.00	86.32 -0.09 0.00	104.14 -0.21 0.00	81.99 -0.33 0.00	70.43 -0.43 0.00	69.43 -0.49 0.00	62.05 -0.56 0.00	58.65 -0.59 -0.23	62.51 -0.50 0.00	67.81 -0.55 0.00	83.15 -0.59 0.00	90.48 -0.18 0.00	121.75 0.00 0.00	126.87 0.00 0.00	100.40 -0.20 0.00	89.90 -0.45 0.00	79.88 -0.56 0.00	82.71 -0.50 0.00	74.29 -0.45 0.00
SYRACUSE___ENERGY_ST2 323598	55.82 -0.44 -0.76	54.65 -0.61 0.00	54.21 -0.77 0.00	54.05 -0.77 0.00	54.44 -0.61 0.00	60.54 -0.30 0.00	86.32 -0.09 0.00	104.14 -0.21 0.00	81.99 -0.33 0.00	70.43 -0.43 0.00	69.43 -0.49 0.00	62.05 -0.56 0.00	58.65 -0.59 -0.23	62.51 -0.50 0.00	67.81 -0.55 0.00	83.15 -0.59 0.00	90.48 -0.18 0.00	121.75 0.00 0.00	126.87 0.00 0.00	100.40 -0.20 0.00	89.90 -0.45 0.00	79.88 -0.56 0.00	82.71 -0.50 0.00	74.29 -0.45 0.00
SYRACUSE___POWER 24017	55.80 -0.50 -0.80	54.65 -0.61 0.00	54.21 -0.77 0.00	54.05 -0.77 0.00	54.44 -0.61 0.00	60.54 -0.30 0.00	86.32 -0.09 0.00	104.14 -0.21 0.00	81.99 -0.33 0.00	70.36 -0.50 0.00	69.36 -0.56 0.00	61.85 -0.56 0.20	58.47 -0.59 -0.05	62.33 -0.50 0.18	67.81 -0.55 0.00	83.15 -0.59 0.00	90.48 -0.18 0.00	121.75 0.00 0.00	126.87 0.00 0.00	100.30 -0.30 0.00	89.90 -0.45 0.00	79.88 -0.56 0.00	82.71 -0.50 0.00	74.29 -0.45 0.00
TALLMAN___138KV_BK151 55660	65.85 3.72 -6.63	58.63 3.37 0.00	58.01 3.02 0.00	57.67 2.85 0.00	58.12 3.08 0.00	64.56 3.71 0.00	91.77 5.36 0.00	111.34 6.99 0.00	88.08 5.76 0.00	75.75 4.89 0.00	74.67 4.75 0.00	60.07 4.45 6.99	58.56 4.25 4.69	60.89 4.35 6.48	72.94 4.58 0.00	89.51 5.78 0.00	97.09 6.44 0.00	130.63 8.89 0.00	135.87 9.01 0.00	107.64 7.04 0.00	96.86 6.51 0.00	85.84 5.39 0.00	88.37 5.16 0.00	78.85 4.11 0.00
TEALLAVE_115KV_TB7 355573	55.44 -0.72 -0.66	54.32 -0.94 0.00	53.94 -1.04 0.00	53.78 -1.04 0.00	54.11 -0.94 0.00	60.24 -0.61 0.00	85.80 -0.60 0.00	103.51 -0.83 0.00	81.50 -0.82 0.00	70.01 -0.85 0.00	69.01 -0.91 0.00	61.73 -0.88 0.00	58.33 -0.89 -0.20	62.20 -0.82 0.00	67.40 -0.96 0.00	82.64 -1.09 0.00	89.84 -0.82 0.00	120.89 -0.85 0.00	125.98 -0.89 0.00	99.70 -0.91 0.00	89.36 -0.99 0.00	79.40 -1.05 0.00	82.21 -1.00 0.00	73.84 -0.90 0.00
TELGRAPH_34_KV_EAST 80808	53.72 -2.83 -1.05	52.28 -2.98 0.00	52.01 -2.97 0.00	51.80 -3.02 0.00	52.29 -2.75 0.00	58.78 -2.07 0.00	82.43 -3.97 0.00	98.51 -7.51 -1.68	75.85 -6.50 -0.03	64.83 -6.02 0.00	64.39 -5.52 0.00	57.38 -4.95 0.28	54.24 -4.78 -0.01	58.41 -4.35 0.26	63.30 -5.06 0.00	76.82 -6.95 -0.04	84.26 -6.44 -0.04	113.39 -8.40 -0.05	121.96 -9.26 -4.35	92.51 -8.25 -0.16	83.86 -8.49 -2.00	72.99 -7.48 -0.03	77.55 -5.66 0.00	70.77 -3.96 0.00
TEMPLE___115KV_TB 2 55572	55.45 -0.72 -0.67	54.38 -0.88 0.00	53.99 -0.99 0.00	53.78 -1.04 0.00	54.16 -0.88 0.00	60.24 -0.61 0.00	85.89 -0.52 0.00	103.62 -0.73 0.00	81.50 -0.82 0.00	70.08 -0.78 0.00	69.08 -0.84 0.00	61.79 -0.81 0.00	58.39 -0.83 -0.21	62.26 -0.76 0.00	67.47 -0.89 0.00	82.73 -1.00 0.00	89.93 -0.73 0.00	121.02 -0.73 0.00	126.10 -0.76 0.00	99.80 -0.80 0.00	89.36 -0.99 0.00	79.48 -0.97 0.00	82.29 -0.92 0.00	73.91 -0.82 0.00
TIANA____69_KV_BK 1 55817	69.38 6.99 -6.89	61.67 6.41 0.00	60.48 5.50 0.00	60.03 5.21 0.00	60.44 5.39 0.00	67.42 6.57 0.00	97.38 10.97 0.00	118.43 14.09 0.00	93.60 11.28 0.00	79.71 8.86 0.00	79.58 9.65 -0.01	75.29 8.70 -3.98	73.20 8.14 -6.05	75.41 8.70 -3.69	77.74 9.36 -0.01	104.72 11.89 -9.10	138.74 13.15 -34.94	155.11 19.11 -14.25	147.78 18.90 -2.01	139.31 14.49 -24.22	135.04 13.19 -31.50	134.96 11.18 -43.33	105.97 11.23 -11.53	90.57 9.87 -5.97
TILDEN___115KV_TB1 80814	55.80 -0.50 -0.80	54.65 -0.61 0.00	54.21 -0.77 0.00	54.05 -0.77 0.00	54.44 -0.61 0.00	60.54 -0.30 0.00	86.32 -0.09 0.00	104.14 -0.21 0.00	81.99 -0.33 0.00	70.36 -0.50 0.00	69.36 -0.56 0.00	61.85 -0.56 0.20	58.47 -0.59 -0.05	62.33 -0.50 0.18	67.81 -0.55 0.00	83.15 -0.59 0.00	90.48 -0.18 0.00	121.75 0.00 0.00	126.87 0.00 0.00	100.30 -0.30 0.00	89.90 -0.45 0.00	79.88 -0.56 0.00	82.71 -0.50 0.00	74.29 -0.45 0.00

TRIGEN___CC 323695	67.99 5.61 -6.89	60.40 5.14 0.00	59.49 4.51 0.00	59.04 4.22 0.00	59.45 4.40 0.00	66.08 5.23 0.00	94.36 7.95 0.00	114.68 10.33 0.00	90.64 8.31 0.00	77.73 6.87 0.00	76.78 6.85 -0.01	72.91 6.32 -3.98	71.07 6.02 -6.05	73.07 6.36 -3.69	75.07 6.70 -0.01	101.03 8.21 -9.09	134.57 8.98 -34.93	148.29 12.30 -14.25	141.43 12.56 -2.01	134.67 9.86 -24.21	130.88 9.04 -31.49	131.41 7.64 -43.32	102.48 7.74 -11.53	87.06 6.35 -5.97
TRINITY___115KV___4 BK 55933	66.67 2.11 -9.06	57.31 2.04 0.00	56.80 1.81 0.00	56.46 1.64 0.00	56.80 1.76 0.00	63.04 2.19 0.00	89.43 3.02 0.00	108.00 3.65 0.00	85.12 2.80 0.00	73.41 2.55 0.00	73.06 3.15 0.00	66.89 2.94 -1.34	65.89 2.71 -4.17	67.16 2.90 -1.24	71.36 3.01 0.00	87.17 3.43 0.00	94.01 3.35 0.00	126.13 4.38 0.00	131.43 4.57 0.00	104.42 3.82 0.00	93.97 3.61 0.00	83.74 3.30 0.00	86.37 3.16 0.00	77.58 2.84 0.00
UNION___PROCESSING_DRP 323587	54.73 -1.67 -0.90	52.77 -2.49 0.00	52.40 -2.58 0.00	52.30 -2.52 0.00	52.68 -2.37 0.00	58.96 -1.89 0.00	83.47 -2.94 0.00	99.57 -5.01 -0.23	78.05 -4.28 0.00	66.82 -4.04 0.00	66.07 -3.85 0.00	58.94 -3.44 0.23	56.18 -2.89 -0.06	59.65 -3.15 0.21	64.73 -3.62 0.00	78.96 -4.77 0.00	86.40 -4.26 0.00	116.64 -5.11 -0.01	122.33 -5.20 -0.66	95.70 -4.93 -0.02	85.42 -5.24 -0.30	75.54 -4.91 0.00	79.21 -3.99 0.00	71.67 -3.06 0.00
UPPER HUDSON___HYD 24058	69.51 4.71 -9.29	59.96 4.69 0.00	59.32 4.34 0.00	58.77 3.95 0.00	59.17 4.13 0.00	66.20 5.36 0.00	94.71 8.30 0.00	114.05 9.71 0.00	89.57 7.25 0.00	76.67 5.81 0.00	75.23 5.31 0.00	68.52 4.63 -1.28	67.50 4.31 -4.18	68.94 4.73 -1.19	73.55 5.19 0.00	90.43 6.70 0.00	98.09 7.44 0.00	132.46 10.72 0.00	136.77 9.90 0.00	108.15 7.55 0.00	97.40 7.05 0.00	86.48 6.04 0.00	89.20 5.99 0.00	79.89 5.15 0.00
UPPER RAQUET___HYD 24056	53.78 -1.94 -0.23	53.49 -1.77 0.00	53.50 -1.48 0.00	53.45 -1.37 0.00	53.78 -1.26 0.00	57.26 -3.59 0.00	81.31 -5.10 0.00	98.92 -5.43 0.00	77.79 -4.53 0.00	67.46 -3.40 0.00	66.14 -3.78 0.00	58.54 -4.07 0.00	55.24 -3.83 -0.07	58.67 -4.35 0.00	64.05 -4.30 0.00	79.01 -4.86 -0.14	84.85 -5.80 0.00	113.71 -8.04 0.00	119.38 -7.49 0.00	94.87 -5.73 0.00	85.02 -5.33 0.00	76.26 -4.19 0.00	79.63 -3.58 0.00	74.44 -0.30 0.00
VALLEY44_115KV_TB2 355964	52.61 -4.22 -1.33	54.93 -0.33 0.00	54.65 -0.33 0.00	54.38 -0.44 0.00	54.93 -0.11 0.00	61.64 0.79 0.00	87.27 0.86 0.00	102.83 -1.46 0.05	80.18 -2.14 0.00	68.45 -2.41 0.00	68.03 -1.89 0.00	60.50 -1.75 0.36	54.94 -4.07 -0.01	61.80 -0.88 0.33	67.13 -1.23 0.00	81.39 -2.34 0.00	89.21 -1.45 0.00	120.16 -1.58 0.00	122.08 -4.31 0.47	96.97 -3.62 0.01	86.62 -3.52 0.21	77.87 -2.57 0.00	82.62 -0.58 0.00	75.03 0.30 0.00
VALLEY___115KV_TB 1-4 80826	56.22 0.72 0.00	55.92 0.66 0.00	55.64 0.66 0.00	55.37 0.55 0.00	55.70 0.66 0.00	61.76 0.91 0.00	87.96 1.56 0.00	106.43 2.09 0.00	83.89 1.56 0.00	72.20 1.35 0.00	71.17 1.26 0.00	63.80 1.19 0.00	60.07 1.06 0.00	64.21 1.20 0.00	69.66 1.30 0.00	85.57 1.84 0.00	92.92 2.27 0.00	124.67 2.92 0.00	129.91 3.04 0.00	103.02 2.41 0.00	92.43 2.08 0.00	82.38 1.93 0.00	85.20 2.00 0.00	76.53 1.79 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	62.30 3.55 -3.25	58.80 3.54 0.00	58.39 3.41 0.00	58.00 3.18 0.00	58.45 3.41 0.00	65.17 4.32 0.00	93.32 6.91 0.00	113.11 8.77 0.00	88.83 6.50 0.00	75.96 5.10 0.00	74.67 4.75 0.00	65.72 4.07 0.95	62.78 3.66 -0.12	66.23 4.10 0.88	72.80 4.44 0.00	89.68 5.94 0.00	97.73 7.07 0.00	130.75 9.01 0.00	136.76 9.90 0.00	108.55 7.95 0.00	97.49 7.14 0.00	86.80 6.36 0.00	89.61 6.41 0.00	80.34 5.61 0.00
VISCHER___FERRY HYD 24020	67.96 3.33 -9.13	58.52 3.26 0.00	57.95 2.97 0.00	57.56 2.74 0.00	57.96 2.92 0.00	64.50 3.65 0.00	91.68 5.27 0.00	110.61 6.26 0.00	87.18 4.86 0.00	74.96 4.11 0.00	73.97 4.05 0.00	67.69 3.69 -1.39	66.67 3.42 -4.24	68.03 3.72 -1.29	72.32 3.96 0.00	88.76 5.02 0.00	96.00 5.35 0.00	129.05 7.30 0.00	133.97 7.10 0.00	106.33 5.73 0.00	95.68 5.33 0.00	85.11 4.66 0.00	87.86 4.66 0.00	78.77 4.03 0.00
V_A_10_SYNC_DSASP 323832	53.66 -2.83 -0.98	51.67 -3.59 0.00	51.24 -3.74 0.00	51.04 -3.78 0.00	51.58 -3.47 0.00	57.75 -3.10 0.00	81.14 -5.27 0.00	95.41 -8.76 0.17	74.75 -7.57 0.00	64.06 -6.80 0.00	63.55 -6.36 0.00	56.72 -5.63 0.26	53.85 -5.25 -0.09	57.74 -5.04 0.24	62.68 -5.67 0.00	75.69 -8.04 0.00	83.04 -7.61 0.00	112.48 -9.26 0.01	117.53 -8.88 0.45	91.93 -8.65 0.02	81.29 -8.85 0.21	72.40 -8.04 0.00	76.63 -6.58 0.00	69.95 -4.78 0.00
V_CMM_10_SYNC_DSASP 323787	54.56 -0.94 0.00	54.60 -0.66 0.00	54.65 -0.33 0.00	54.71 -0.11 0.00	54.66 -0.38 0.00	59.87 -0.98 0.00	84.68 -1.73 0.00	102.05 -2.30 0.00	80.76 -1.57 0.00	69.58 -1.27 0.00	68.87 -1.05 0.00	61.48 -1.13 0.00	58.12 -0.88 0.00	61.88 -1.13 0.00	67.33 -1.02 0.00	82.21 -1.50 0.01	88.66 -1.99 0.00	118.95 -2.80 0.00	124.07 -2.79 0.00	98.39 -2.21 0.00	88.36 -1.99 0.00	79.08 -1.37 0.00	81.87 -1.33 0.00	73.76 -0.97 0.00
V_CMP_10_SYNC_DSASP 323788	54.00 -1.50 0.00	54.21 -1.05 0.00	54.27 -0.72 0.00	54.55 -0.27 0.00	54.44 -0.60 0.00	58.96 -1.89 0.00	81.49 -4.92 0.00	97.88 -6.47 0.00	77.71 -4.61 0.00	66.89 -3.97 0.00	67.47 -2.45 0.00	59.92 -2.69 0.00	56.53 -2.48 0.00	60.12 -2.90 0.00	65.62 -2.74 0.00	78.59 -4.94 0.20	85.31 -5.35 0.00	114.56 -7.18 0.00	119.64 -7.23 0.00	94.87 -5.73 0.00	85.47 -4.88 0.00	76.75 -3.70 0.00	79.46 -3.74 0.00	71.67 -3.07 0.00
V_D_10_SYNC_DSASP 323841	54.72 -0.78 0.00	54.82 -0.44 0.00	54.87 -0.11 0.00	54.87 0.05 0.00	54.88 -0.16 0.00	60.12 -0.73 0.00	85.02 -1.39 0.00	102.36 -1.99 0.00	81.09 -1.23 0.00	69.80 -1.06 0.00	69.08 -0.84 0.00	61.67 -0.94 0.00	58.36 -0.65 0.00	62.13 -0.88 0.00	67.54 -0.82 0.00	82.47 -1.25 0.01	88.93 -1.73 0.00	119.31 -2.43 0.00	124.45 -2.41 0.00	98.69 -1.91 0.00	88.63 -1.72 0.00	79.32 -1.13 0.00	82.12 -1.08 0.00	73.99 -0.75 0.00
V_E_10_SYNC_DSASP 323830	62.41 4.33 -2.58	59.79 4.53 0.00	59.27 4.29 0.00	58.93 4.11 0.00	59.56 4.51 0.00	66.81 5.97 0.00	96.26 9.85 0.00	126.36 22.01 0.00	97.89 15.56 0.00	82.76 11.90 0.00	80.34 10.42 0.00	69.69 8.51 1.43	65.83 7.20 0.37	70.13 8.45 1.33	78.41 10.05 0.00	98.14 14.41 0.00	109.78 19.12 0.00	136.84 15.09 0.00	143.48 16.62 0.00	113.38 12.78 0.00	101.46 11.11 0.00	90.34 9.89 0.00	92.85 9.65 0.00	83.48 8.74 0.00
V_F_30_NSYNC___DSASP 323816	69.13 4.38 -9.24	59.63 4.36 0.00	58.99 4.01 0.00	58.49 3.67 0.00	58.89 3.85 0.00	65.72 4.87 0.00	93.75 7.34 0.00	113.00 8.66 0.00	88.82 6.50 0.00	76.17 5.32 0.00	74.81 4.89 0.00	68.31 4.38 -1.32	67.28 4.07 -4.20	68.71 4.47 -1.22	73.28 4.92 0.00	90.09 6.36 0.00	97.73 7.08 0.00	131.60 9.86 0.00	135.61 8.75 0.00	107.45 6.84 0.00	96.77 6.42 0.00	85.99 5.55 0.00	88.78 5.58 0.00	79.52 4.79 0.00

V_F_30_SYNC_DSASP 323786	66.90 2.28 -9.13	57.42 2.16 0.00	56.96 1.98 0.00	56.57 1.75 0.00	56.91 1.87 0.00	63.22 2.37 0.00	89.69 3.28 0.00	108.31 3.97 0.00	85.37 3.05 0.00	73.62 2.76 0.00	73.20 3.29 0.00	66.99 3.07 -1.32	66.07 2.89 -4.17	67.33 3.09 -1.22	71.57 3.21 0.00	87.42 3.68 0.00	94.37 3.72 0.00	126.49 4.75 0.00	131.94 5.07 0.00	104.73 4.12 0.00	94.33 3.98 0.00	83.99 3.54 0.00	86.62 3.41 0.00	77.80 3.06 0.00
V_XM_10_SYNC_DSASP 323789	54.00 -1.50 0.00	54.21 -1.05 0.00	54.27 -0.72 0.00	54.55 -0.27 0.00	54.44 -0.60 0.00	58.96 -1.89 0.00	81.49 -4.92 0.00	97.88 -6.47 0.00	77.71 -4.61 0.00	66.89 -3.97 0.00	67.47 -2.45 0.00	59.92 -2.69 0.00	56.53 -2.48 0.00	60.12 -2.90 0.00	65.62 -2.74 0.00	78.59 -4.94 0.20	85.31 -5.35 0.00	114.56 -7.18 0.00	119.64 -7.23 0.00	94.87 -5.73 0.00	85.47 -4.88 0.00	76.75 -3.70 0.00	79.46 -3.74 0.00	71.67 -3.07 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	66.03 3.89 -6.64	58.80 3.54 0.00	58.17 3.19 0.00	57.83 3.02 0.00	58.29 3.25 0.00	64.74 3.89 0.00	92.11 5.70 0.00	111.76 7.41 0.00	88.33 6.01 0.00	76.03 5.17 0.00	74.88 4.96 0.00	60.38 4.70 6.92	58.86 4.48 4.63	61.14 4.54 6.42	73.14 4.78 0.00	89.84 6.11 0.00	97.46 6.80 0.00	131.12 9.37 0.00	136.38 9.51 0.00	108.05 7.44 0.00	97.22 6.87 0.00	86.16 5.71 0.00	88.70 5.49 0.00	79.07 4.33 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	67.27 4.88 -6.89	59.74 4.48 0.00	59.11 4.12 0.00	58.71 3.89 0.00	59.17 4.13 0.00	65.71 4.87 0.00	93.24 6.83 0.00	113.43 9.08 0.00	89.81 7.49 0.00	77.45 6.59 0.00	76.21 6.29 0.00	72.51 5.95 -3.95	70.69 5.66 -6.02	72.54 5.86 -3.66	74.44 6.08 0.00	91.27 7.54 0.00	99.00 8.34 0.00	133.19 11.44 0.00	138.41 11.54 0.00	109.66 9.05 0.00	98.66 8.31 0.00	87.36 6.92 0.00	89.86 6.66 0.00	80.04 5.31 0.00
W50THST__13_KV_LOAD 356117	67.49 5.11 -6.89	60.01 4.75 0.00	59.33 4.34 0.00	58.93 4.11 0.00	59.39 4.35 0.00	66.02 5.17 0.00	93.67 7.26 0.00	113.95 9.60 0.00	90.31 7.99 0.00	77.87 7.01 0.00	76.63 6.71 0.00	72.88 6.32 -3.95	71.04 6.02 -6.02	72.86 6.18 -3.66	74.78 6.43 0.00	91.77 8.04 0.00	99.54 8.88 0.00	133.80 12.05 0.00	139.05 12.18 0.00	110.16 9.56 0.00	99.12 8.76 0.00	87.77 7.32 0.00	90.28 7.07 0.00	80.34 5.61 0.00
WADING RIVER_IC_1 23522	69.10 6.71 -6.89	61.45 6.19 0.00	60.21 5.23 0.00	59.81 4.99 0.00	60.10 5.06 0.00	66.99 6.14 0.00	96.69 10.28 0.00	117.71 13.36 0.00	93.02 10.70 0.00	79.43 8.57 0.00	79.02 9.09 -0.01	74.92 8.33 -3.98	72.84 7.79 -6.05	75.03 8.32 -3.69	77.25 8.88 -0.01	104.21 11.39 -9.10	137.92 12.33 -34.94	153.90 17.90 -14.25	146.51 17.63 -2.01	138.40 13.58 -24.22	134.32 12.47 -31.50	134.23 10.45 -43.33	105.31 10.57 -11.53	90.12 9.42 -5.97
WADING RIVER_IC_2 23547	69.10 6.71 -6.89	61.45 6.19 0.00	60.21 5.23 0.00	59.81 4.99 0.00	60.10 5.06 0.00	66.99 6.14 0.00	96.69 10.28 0.00	117.71 13.36 0.00	93.02 10.70 0.00	79.43 8.57 0.00	79.02 9.09 -0.01	74.92 8.33 -3.98	72.84 7.79 -6.05	75.03 8.32 -3.69	77.25 8.88 -0.01	104.21 11.39 -9.10	137.92 12.33 -34.94	153.90 17.90 -14.25	146.51 17.63 -2.01	138.40 13.58 -24.22	134.32 12.47 -31.50	134.23 10.45 -43.33	105.31 10.57 -11.53	90.12 9.42 -5.97
WADING RIVER_IC_3 23601	69.10 6.71 -6.89	61.45 6.19 0.00	60.21 5.23 0.00	59.81 4.99 0.00	60.10 5.06 0.00	66.99 6.14 0.00	96.69 10.28 0.00	117.71 13.36 0.00	93.02 10.70 0.00	79.43 8.57 0.00	79.02 9.09 -0.01	74.92 8.33 -3.98	72.84 7.79 -6.05	75.03 8.32 -3.69	77.25 8.88 -0.01	104.21 11.39 -9.10	137.92 12.33 -34.94	153.90 17.90 -14.25	146.51 17.63 -2.01	138.40 13.58 -24.22	134.32 12.47 -31.50	134.23 10.45 -43.33	105.31 10.57 -11.53	90.12 9.42 -5.97
WALDENNY_12_KV_BK2 80841	53.64 -3.05 -1.19	53.16 -2.10 0.00	52.89 -2.09 0.00	52.63 -2.19 0.00	53.17 -1.87 0.00	59.75 -1.10 0.00	84.08 -2.33 0.00	98.71 -5.63 0.00	77.05 -5.27 0.00	65.96 -4.89 0.00	65.58 -4.33 0.00	58.41 -3.88 0.32	54.69 -4.31 0.01	59.70 -3.02 0.30	64.67 -3.69 0.00	78.29 -5.44 0.00	85.76 -4.90 0.00	116.03 -5.72 0.00	119.48 -7.23 0.16	94.06 -6.54 0.00	83.60 -6.69 0.07	74.74 -5.71 0.00	79.63 -3.58 0.00	72.49 -2.24 0.00
WALDEN__HYDRO 24148	66.34 4.22 -6.62	59.07 3.81 0.00	58.50 3.52 0.00	58.11 3.29 0.00	58.62 3.58 0.00	65.17 4.32 0.00	92.72 6.31 0.00	112.28 7.93 0.00	88.74 6.42 0.00	76.24 5.39 0.00	75.09 5.17 0.00	64.27 4.76 3.10	62.58 4.48 0.92	64.75 4.60 2.87	73.35 4.99 0.00	90.18 6.45 0.00	98.00 7.34 0.00	131.97 10.23 0.00	137.27 10.40 0.00	108.65 8.05 0.00	97.67 7.32 0.00	86.64 6.19 0.00	89.20 5.99 0.00	79.59 4.86 0.00
WARRENSBURG____ 23737	69.51 4.71 -9.29	59.96 4.69 0.00	59.32 4.34 0.00	58.77 3.95 0.00	59.17 4.13 0.00	66.20 5.36 0.00	94.71 8.30 0.00	114.05 9.71 0.00	89.57 7.25 0.00	76.67 5.81 0.00	75.23 5.31 0.00	68.52 4.63 -1.28	67.50 4.31 -4.18	68.94 4.73 -1.19	73.55 5.19 0.00	90.43 6.70 0.00	98.09 7.44 0.00	132.46 10.72 0.00	136.77 9.90 0.00	108.15 7.55 0.00	97.40 7.05 0.00	86.48 6.04 0.00	89.20 5.99 0.00	79.89 5.15 0.00
WATERSIDE____6 8 9 23538	67.50 5.11 -6.89	59.96 4.70 -0.01	59.33 4.34 -0.01	58.94 4.11 -0.01	59.40 4.35 -0.01	65.96 5.11 -0.01	93.49 7.09 0.00	113.53 9.18 0.00	89.98 7.66 -0.01	77.59 6.73 -0.01	76.36 6.43 -0.01	72.71 6.14 -3.97	70.88 5.84 -6.03	72.68 5.99 -3.68	74.58 6.22 -0.01	91.44 7.70 0.00	99.00 8.34 0.00	133.19 11.44 0.00	138.41 11.54 0.00	109.76 9.15 0.00	98.85 8.49 0.00	87.52 7.08 0.00	89.95 6.74 0.00	80.12 5.38 0.00
WATKINRD_115KV_LN8_ILLION 55919	56.28 0.78 0.00	55.98 0.72 0.00	55.70 0.71 0.00	55.42 0.60 0.00	55.76 0.72 0.00	61.82 0.97 0.00	87.96 1.56 0.00	106.33 1.98 0.00	83.80 1.48 0.00	72.13 1.28 0.00	71.03 1.12 0.00	63.67 1.06 0.00	60.01 1.00 0.00	64.09 1.07 0.00	69.52 1.16 0.00	85.32 1.59 0.00	92.56 1.90 0.00	124.30 2.56 0.00	129.53 2.66 0.00	102.71 2.11 0.00	92.25 1.90 0.00	82.14 1.69 0.00	84.87 1.66 0.00	76.23 1.49 0.00
WATSON__69_KV_BK 1 55734	69.71 7.33 -6.89	62.06 6.80 0.00	60.92 5.94 0.00	60.41 5.59 0.00	60.77 5.72 0.00	67.72 6.88 0.00	97.47 11.06 0.00	118.43 14.09 0.00	93.60 11.28 0.00	79.78 8.93 0.00	79.23 9.30 -0.01	75.04 8.45 -3.98	73.02 7.97 -6.05	75.15 8.44 -3.69	77.40 9.02 -0.01	104.13 11.30 -9.10	138.11 12.51 -34.94	153.53 17.53 -14.25	146.64 17.76 -2.01	138.50 13.68 -24.22	134.32 12.47 -31.50	134.63 10.86 -43.33	105.56 10.82 -11.53	89.97 9.27 -5.97
WDELAWARE__HYD 323627	66.69 5.05 -6.14	59.96 4.69 0.00	59.38 4.40 0.00	59.04 4.22 0.00	59.50 4.46 0.00	66.33 5.48 0.00	94.62 8.21 0.00	114.58 10.23 0.00	90.39 8.07 0.00	77.37 6.51 0.00	75.93 6.01 0.00	65.55 5.44 2.50	63.54 5.01 0.48	65.99 5.29 2.32	74.24 5.88 0.00	91.60 7.87 0.00	100.00 9.34 0.00	134.78 13.03 0.00	140.06 13.19 0.00	110.76 10.16 0.00	99.39 9.03 0.00	88.33 7.89 0.00	90.95 7.74 0.00	81.23 6.50 0.00

WEST BABYLON___IC 23714	69.44 7.05 -6.89	61.78 6.52 0.00	60.65 5.66 0.00	60.14 5.32 0.00	60.55 5.50 0.00	67.42 6.57 0.00	96.86 10.46 0.00	117.70 13.36 0.00	92.94 10.62 0.00	79.43 8.57 0.00	78.67 8.74 -0.01	74.61 8.01 -3.98	72.61 7.55 -6.05	74.71 8.00 -3.69	76.92 8.54 -0.01	103.46 10.63 -9.09	137.38 11.79 -34.94	152.31 16.31 -14.25	145.50 16.62 -2.01	137.70 12.88 -24.22	133.60 11.75 -31.50	133.99 10.22 -43.33	104.89 10.15 -11.53	89.30 8.59 -5.97
WEST CANADA___HYD 24049	55.94 0.44 0.00	55.65 0.39 0.00	55.31 0.33 0.00	55.09 0.28 0.00	55.37 0.33 0.00	61.33 0.48 0.00	87.18 0.78 0.00	105.39 1.04 0.00	83.06 0.74 0.00	71.49 0.64 0.00	70.54 0.63 0.00	63.17 0.56 0.00	59.54 0.53 0.00	63.58 0.57 0.00	68.97 0.61 0.00	84.57 0.84 0.00	91.56 0.91 0.00	122.84 1.09 0.00	128.01 1.14 0.00	101.61 1.01 0.00	91.26 0.90 0.00	81.25 0.80 0.00	84.04 0.83 0.00	75.41 0.67 0.00
WESTERN_NY_WIND 24143	54.54 -2.00 -1.03	53.05 -2.21 0.00	52.73 -2.25 0.00	52.57 -2.25 0.00	53.06 -1.98 0.00	59.69 -1.16 0.00	83.99 -2.42 0.00	100.64 -5.22 -1.51	77.66 -4.69 -0.03	66.32 -4.53 0.00	65.72 -4.19 0.00	58.58 -3.76 0.27	55.36 -3.66 -0.01	59.49 -3.28 0.25	64.53 -3.83 0.00	78.40 -5.36 -0.03	86.25 -4.44 -0.03	116.19 -5.60 -0.04	124.56 -6.22 -3.91	94.81 -5.94 -0.14	85.74 -6.42 -1.80	74.76 -5.71 -0.03	79.13 -4.08 0.00	71.97 -2.77 0.00
WESTOVER___LESR 323668	57.96 0.06 -2.40	55.70 0.44 0.00	55.26 0.27 0.00	55.04 0.22 0.00	55.48 0.44 0.00	61.82 0.97 0.00	88.05 1.64 0.00	105.81 1.46 0.00	83.06 0.74 0.00	71.21 0.35 0.00	70.27 0.35 0.00	62.17 0.25 0.69	58.91 -0.18 -0.08	62.82 0.44 0.64	68.77 0.41 0.00	84.23 0.50 0.00	91.84 1.18 0.00	123.57 1.83 0.00	128.25 1.52 0.14	101.60 1.01 0.00	91.01 0.72 0.06	81.09 0.64 0.00	84.21 1.00 0.00	75.78 1.05 0.00
WETHRSFD_WT_PWR 323626	53.92 -2.94 -1.37	53.27 -1.99 0.00	52.89 -2.09 0.00	52.68 -2.14 0.00	53.39 -1.65 0.00	59.81 -1.03 0.00	84.42 -1.98 0.00	99.28 -4.80 0.26	77.87 -4.45 0.00	66.46 -4.39 0.00	65.93 -3.98 0.00	58.61 -3.63 0.37	54.66 -4.37 -0.02	59.84 -2.83 0.34	65.15 -3.21 0.00	79.04 -4.69 0.00	86.85 -3.80 0.00	117.48 -4.26 0.00	121.59 -4.44 0.83	95.65 -4.93 0.02	84.56 -5.42 0.38	75.94 -4.50 0.00	80.38 -2.83 0.00	73.24 -1.49 0.00
WHAVSTOR_138KV_BK127 55557	65.87 3.72 -6.65	58.58 3.32 0.00	57.95 2.97 0.00	57.61 2.80 0.00	58.07 3.03 0.00	64.50 3.65 0.00	91.68 5.27 0.00	111.23 6.89 0.00	88.00 5.68 0.00	75.67 4.82 0.00	74.60 4.68 0.00	60.15 4.45 6.91	58.65 4.25 4.61	60.90 4.29 6.40	72.87 4.51 0.00	89.43 5.69 0.00	97.00 6.35 0.00	130.39 8.64 0.00	135.75 8.88 0.00	107.44 6.84 0.00	96.77 6.42 0.00	85.76 5.31 0.00	88.28 5.08 0.00	78.77 4.04 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	65.87 3.72 -6.65	58.58 3.32 0.00	57.95 2.97 0.00	57.61 2.80 0.00	58.07 3.03 0.00	64.50 3.65 0.00	91.68 5.27 0.00	111.23 6.89 0.00	88.00 5.68 0.00	75.67 4.82 0.00	74.60 4.68 0.00	60.15 4.45 6.91	58.65 4.25 4.61	60.90 4.29 6.40	72.87 4.51 0.00	89.43 5.69 0.00	97.00 6.35 0.00	130.39 8.64 0.00	135.75 8.88 0.00	107.44 6.84 0.00	96.77 6.42 0.00	85.76 5.31 0.00	88.28 5.08 0.00	78.77 4.04 0.00
WHITEHAL_115KV_TB1 80871	70.44 5.66 -9.28	60.90 5.64 0.00	60.21 5.22 0.00	59.53 4.71 0.00	60.00 4.95 0.00	67.30 6.45 0.00	96.52 10.11 0.00	116.24 11.90 0.00	91.13 8.81 0.00	77.87 7.01 0.00	76.28 6.36 0.00	69.28 5.38 -1.29	68.21 5.02 -4.19	69.70 5.48 -1.20	74.44 6.08 0.00	91.77 8.04 0.00	99.63 8.98 0.00	134.89 13.15 0.00	139.43 12.56 0.00	110.06 9.46 0.00	99.12 8.76 0.00	88.01 7.56 0.00	90.70 7.49 0.00	81.16 6.43 0.00
WHITEPLN_13_KV_LOAD 356215	67.42 5.05 -6.87	59.96 4.70 0.00	59.27 4.29 0.00	58.87 4.06 0.00	59.34 4.29 0.00	66.02 5.17 0.00	93.93 7.52 0.00	114.05 9.70 0.00	90.22 7.90 0.00	77.66 6.80 0.00	76.49 6.57 0.00	72.51 6.07 -3.83	70.63 5.72 -5.90	72.49 5.92 -3.55	74.65 6.29 0.00	91.77 8.04 0.00	99.54 8.88 0.00	134.04 12.30 0.00	139.55 12.69 0.00	110.36 9.76 0.00	99.30 8.94 0.00	87.93 7.48 0.00	90.45 7.24 0.00	80.64 5.90 0.00
WM_FLOYD_69_KV_BK2 356380	69.21 6.83 -6.89	61.51 6.24 0.00	60.37 5.39 0.00	59.86 5.04 0.00	60.27 5.23 0.00	67.17 6.33 0.00	96.86 10.46 0.00	117.81 13.46 0.00	93.11 10.78 0.00	79.29 8.43 0.00	78.95 9.02 -0.01	74.79 8.20 -3.98	72.73 7.67 -6.05	74.90 8.19 -3.69	77.12 8.75 -0.01	103.88 11.05 -9.10	137.84 12.24 -34.94	153.65 17.65 -14.25	146.39 17.51 -2.01	138.30 13.48 -24.22	134.14 12.29 -31.50	134.23 10.46 -43.33	105.23 10.48 -11.53	89.83 9.12 -5.97
WOODARD___115KV_TB2 355635	55.35 -0.83 -0.68	54.21 -1.05 0.00	53.83 -1.15 0.00	53.67 -1.15 0.00	54.00 -1.05 0.00	60.06 -0.79 0.00	85.54 -0.86 0.00	103.20 -1.15 0.00	81.25 -1.07 0.00	69.86 -0.99 0.00	68.87 -1.05 0.00	61.61 -1.00 0.00	58.21 -1.00 -0.21	62.07 -0.95 0.00	67.26 -1.09 0.00	82.48 -1.26 0.00	89.66 -1.00 0.00	120.65 -1.10 0.00	125.72 -1.14 0.00	99.50 -1.11 0.00	89.09 -1.26 0.00	79.24 -1.21 0.00	82.04 -1.16 0.00	73.69 -1.05 0.00
YORK___WARBASSE 23770	67.78 5.38 -6.89	60.24 4.97 -0.01	59.55 4.56 -0.01	59.16 4.33 -0.01	59.62 4.57 -0.01	66.27 5.42 -0.01	93.75 7.34 0.00	113.95 9.60 0.00	90.23 7.90 -0.01	77.81 6.94 -0.01	76.64 6.71 -0.01	72.71 6.14 -3.97	70.94 5.90 -6.03	72.75 6.05 -3.68	74.65 6.29 -0.01	91.44 7.70 0.00	99.09 8.43 0.00	133.31 11.57 0.00	138.66 11.80 0.00	109.86 9.26 0.00	98.94 8.58 0.00	87.69 7.24 0.00	90.11 6.91 0.00	80.12 5.38 0.00