

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/19/2026

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	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	43.70	35.91	34.92	33.46	32.70	35.26	42.46	44.98	44.12	45.31	46.80	55.21	60.12	63.13	67.62	78.15	106.37	142.58	142.10	155.90	100.76	70.95	59.15	48.37
24138	3.57	2.78	2.65	2.51	2.48	2.76	3.86	4.38	4.76	5.28	5.63	6.33	6.76	7.00	7.18	7.73	8.38	11.42	14.49	15.57	11.31	7.71	6.34	4.56
	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	-0.01	-0.01	-0.04	-1.60	-3.32	-3.86	-8.01	-14.38	-34.97	-49.61	-21.83	-27.50	-0.40	0.00	0.00	0.00
74TH STREET_GT_1	43.62	35.84	34.86	33.40	32.64	35.17	42.31	44.77	43.96	45.07	46.51	54.92	59.61	62.57	67.19	77.67	102.99	124.27	124.15	132.37	99.86	70.63	58.88	48.24
24260	3.49	2.72	2.58	2.45	2.42	2.66	3.71	4.18	4.60	5.04	5.35	6.19	6.56	6.80	6.76	7.28	8.07	11.01	14.07	15.23	11.04	7.40	6.07	4.43
	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	-0.01	-0.01	-0.04	-1.45	-3.01	-3.50	-8.00	-14.35	-31.91	-31.71	-4.31	-4.31	0.23	0.00	0.00	0.00
74TH STREET_GT_2	43.62	35.84	34.86	33.40	32.64	35.17	42.31	44.77	43.96	45.07	46.51	54.92	59.61	62.57	67.19	77.67	102.99	124.27	124.15	132.37	99.86	70.63	58.88	48.24
24261	3.49	2.72	2.58	2.45	2.42	2.66	3.71	4.18	4.60	5.04	5.35	6.19	6.56	6.80	6.76	7.28	8.07	11.01	14.07	15.23	11.04	7.40	6.07	4.43
	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	-0.01	-0.01	-0.04	-1.45	-3.01	-3.50	-8.00	-14.35	-31.91	-31.71	-4.31	-4.31	0.23	0.00	0.00	0.00
ADK HUDSON___FALLS	42.85	35.41	34.47	33.15	32.31	34.77	40.69	42.66	41.00	41.45	42.52	49.21	52.10	54.62	54.84	59.18	66.60	87.02	113.81	125.80	95.90	67.79	55.98	46.35
24011	2.73	2.29	2.19	2.20	2.09	2.27	2.08	2.07	1.65	1.44	1.40	1.94	2.05	2.35	2.41	3.14	3.59	5.46	8.04	9.14	6.86	4.55	3.17	2.54
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.83	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	42.33	34.94	34.02	32.72	31.88	34.35	40.92	42.91	41.08	41.45	42.56	49.30	52.10	54.78	55.05	59.40	66.99	87.67	114.87	127.03	96.79	68.36	56.40	46.62
23798	2.21	1.82	1.74	1.76	1.66	1.85	2.32	2.31	1.73	1.44	1.44	2.03	2.05	2.51	2.62	3.36	3.97	6.12	9.10	10.37	7.74	5.12	3.59	2.81
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.83	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	42.85	35.41	34.47	33.15	32.31	34.77	40.69	42.66	41.00	41.45	42.52	49.21	52.10	54.62	54.84	59.18	66.60	87.02	113.81	125.80	95.90	67.79	55.98	46.35
24028	2.73	2.29	2.19	2.20	2.09	2.27	2.08	2.07	1.65	1.44	1.40	1.94	2.05	2.35	2.41	3.14	3.59	5.46	8.04	9.14	6.86	4.55	3.17	2.54
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.83	0.00	0.00	0.00	0.00
ADK_NYS___DAM	42.41	35.01	34.08	32.72	31.94	34.41	41.00	43.19	41.83	42.25	43.34	49.92	52.85	55.46	55.68	59.63	67.05	87.10	112.55	123.20	95.19	67.34	56.14	46.35
23527	2.29	1.89	1.81	1.76	1.72	1.92	2.39	2.60	2.48	2.24	2.22	2.65	2.80	3.19	3.25	3.59	4.04	5.55	6.78	7.33	6.14	4.11	3.33	2.54
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.04	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	41.05	33.99	33.34	31.98	31.19	33.57	39.64	41.69	40.37	40.97	42.11	48.50	51.20	53.47	53.63	57.44	64.59	83.67	108.42	118.18	91.27	64.69	53.97	44.99
24190	0.92	0.86	1.07	1.02	0.97	1.07	1.04	1.10	1.02	0.96	0.99	1.23	1.15	1.20	1.21	1.40	1.58	2.12	2.64	2.93	2.23	1.45	1.16	1.18
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.42	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	39.44	32.66	31.79	30.49	29.77	31.97	37.83	39.66	38.48	39.09	40.14	46.18	49.00	51.12	51.12	54.08	60.93	78.62	101.86	108.54	85.84	61.46	51.70	43.11
355683	-0.68	-0.46	-0.48	-0.46	-0.45	-0.52	-0.77	-0.93	-0.87	-0.92	-0.99	-1.09	-1.05	-1.15	-1.31	-1.96	-2.08	-2.94	-3.91	-4.29	-3.21	-1.77	-1.11	-0.70
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	41.97	34.71	33.89	32.53	31.73	34.09	40.34	42.26	40.69	41.18	42.32	48.74	51.55	52.90	53.11	57.10	64.34	83.75	109.05	118.70	92.16	65.26	54.39	45.91
323833	1.85	1.59	1.61	1.58	1.51	1.59	1.74	1.66	1.34	1.16	1.19	1.47	1.50	0.63	0.68	1.06	1.33	2.20	3.28	3.84	3.12	2.02	1.58	2.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.03	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	41.97	34.68	33.86	32.53	31.70	34.05	40.34	42.26	40.69	41.18	42.32	48.74	51.55	52.85	53.11	57.10	64.34	83.67	108.94	118.58	92.16	65.26	54.39	45.91
323834	1.85	1.56	1.58	1.58	1.48	1.56	1.74	1.66	1.34	1.16	1.19	1.47	1.50	0.58	0.68	1.06	1.33	2.12	3.17	3.72	3.12	2.02	1.58	2.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.03	0.00	0.00	0.00	0.00
ALBANY___1	41.05	33.99	33.34	31.98	31.19	33.57	39.64	41.69	40.37	40.97	42.11	48.50	51.20	53.47	53.63	57.44	64.59	83.67	108.42	118.18	91.27	64.69	53.97	44.99
23571	0.92	0.86	1.07	1.02	0.97	1.07	1.04	1.10	1.02	0.96	0.99	1.23	1.15	1.20	1.21	1.40	1.58	2.12	2.64	2.93	2.23	1.45	1.16	1.18
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.42	0.00	0.00	0.00	0.00

ALBANY___2 23572	41.05 0.92 0.00	33.99 0.86 0.00	33.34 1.07 0.00	31.98 1.02 0.00	31.19 0.97 0.00	33.57 1.07 0.00	39.64 1.04 0.00	41.69 1.10 0.00	40.37 1.02 0.00	40.97 0.96 0.00	42.11 0.99 0.00	48.50 1.23 0.00	51.20 1.15 0.00	53.47 1.20 0.00	53.63 1.21 0.00	57.44 1.40 0.00	64.59 1.58 0.00	83.67 2.12 0.00	108.42 2.64 0.00	118.18 2.93 -2.42	91.27 2.23 0.00	64.69 1.45 0.00	53.97 1.16 0.00	44.99 1.18 0.00
ALBANY___3 23573	41.05 0.92 0.00	33.99 0.86 0.00	33.34 1.07 0.00	31.98 1.02 0.00	31.19 0.97 0.00	33.57 1.07 0.00	39.64 1.04 0.00	41.69 1.10 0.00	40.37 1.02 0.00	40.97 0.96 0.00	42.11 0.99 0.00	48.50 1.23 0.00	51.20 1.15 0.00	53.47 1.20 0.00	53.63 1.21 0.00	57.44 1.40 0.00	64.59 1.58 0.00	83.67 2.12 0.00	108.42 2.64 0.00	118.18 2.93 -2.42	91.27 2.23 0.00	64.69 1.45 0.00	53.97 1.16 0.00	44.99 1.18 0.00
ALBANY___4 23574	41.05 0.92 0.00	33.99 0.86 0.00	33.34 1.07 0.00	31.98 1.02 0.00	31.19 0.97 0.00	33.57 1.07 0.00	39.64 1.04 0.00	41.69 1.10 0.00	40.37 1.02 0.00	40.97 0.96 0.00	42.11 0.99 0.00	48.50 1.23 0.00	51.20 1.15 0.00	53.47 1.20 0.00	53.63 1.21 0.00	57.44 1.40 0.00	64.59 1.58 0.00	83.67 2.12 0.00	108.42 2.64 0.00	118.18 2.93 -2.42	91.27 2.23 0.00	64.69 1.45 0.00	53.97 1.16 0.00	44.99 1.18 0.00
ALBANY___LFGE 323615	41.45 1.32 0.00	34.28 1.16 0.00	33.53 1.26 0.00	32.19 1.24 0.00	31.43 1.21 0.00	33.80 1.30 0.00	39.99 1.39 0.00	42.10 1.50 0.00	40.69 1.34 0.00	41.29 1.28 0.00	42.44 1.32 0.00	48.97 1.70 0.00	51.80 1.75 0.00	54.05 1.78 0.00	54.26 1.83 0.00	58.22 2.18 0.00	65.41 2.39 0.00	84.82 3.27 0.00	109.89 4.12 0.00	120.18 4.52 -2.84	92.52 3.47 0.00	65.51 2.27 0.00	54.61 1.80 0.00	45.39 1.57 0.00
ALCOA_PA_115KV_PL-6C 55860	39.48 -0.64 0.00	32.69 -0.43 0.00	31.82 -0.45 0.00	30.52 -0.43 0.00	29.80 -0.42 0.00	32.01 -0.49 0.00	37.83 -0.77 0.00	39.62 -0.97 0.00	38.41 -0.94 0.00	39.02 -1.00 0.00	40.02 -1.11 0.00	46.09 -1.18 0.00	48.85 -1.20 0.00	51.02 -1.25 0.00	51.22 -1.20 0.00	54.30 -1.74 0.00	61.25 -1.76 0.00	79.02 -2.53 0.00	102.70 -3.07 0.00	109.45 -3.38 0.00	86.56 -2.49 0.00	61.72 -1.52 0.00	51.70 -1.11 0.00	43.24 -0.57 0.00
ALCOA_RYNLDS___DRP 24188	39.48 -0.64 0.00	32.69 -0.43 0.00	31.82 -0.45 0.00	30.52 -0.43 0.00	29.80 -0.42 0.00	32.01 -0.49 0.00	37.83 -0.77 0.00	39.62 -0.97 0.00	38.41 -0.94 0.00	39.01 -1.00 0.00	40.01 -1.11 0.00	46.09 -1.18 0.00	48.90 -1.15 0.00	51.12 -1.15 0.00	51.22 -1.21 0.00	54.30 -1.74 0.00	61.25 -1.76 0.00	79.02 -2.53 0.00	102.70 -3.07 0.00	109.44 -3.38 0.00	86.55 -2.49 0.00	61.78 -1.45 0.00	51.81 -1.00 0.00	43.24 -0.57 0.00
ALCOA___DSASP 323711	39.48 -0.64 0.00	32.69 -0.43 0.00	31.82 -0.45 0.00	30.52 -0.43 0.00	29.80 -0.42 0.00	32.01 -0.49 0.00	37.83 -0.77 0.00	39.62 -0.97 0.00	38.41 -0.94 0.00	39.01 -1.00 0.00	40.01 -1.11 0.00	46.09 -1.18 0.00	48.90 -1.15 0.00	51.12 -1.15 0.00	51.22 -1.21 0.00	54.30 -1.74 0.00	61.25 -1.76 0.00	79.02 -2.53 0.00	102.70 -3.07 0.00	109.44 -3.38 0.00	86.55 -2.49 0.00	61.78 -1.45 0.00	51.81 -1.00 0.00	43.24 -0.57 0.00
ALLEGHENY___COGEN 23514	40.65 0.52 0.00	33.02 -0.10 0.01	32.37 0.10 0.00	30.89 -0.06 0.00	30.13 -0.09 0.00	32.33 -0.13 0.03	60.00 0.12 -21.29	66.99 0.41 -25.99	64.66 -0.08 -25.39	65.16 -0.48 -25.62	67.02 -0.54 -26.44	76.62 -1.13 -30.48	81.33 -1.15 -32.43	84.94 -1.20 -33.87	79.48 -6.45 -33.50	85.80 -6.95 -36.71	96.72 -7.50 -41.21	130.94 -8.40 -57.78	177.73 -8.99 -80.95	178.68 -8.69 -74.54	121.33 -6.32 -38.60	70.56 -4.55 -11.88	65.20 1.32 -11.07	44.42 0.61 0.00
ALTAMONT_115KV_TB 2 55880	41.41 1.28 0.00	34.25 1.13 0.00	33.40 1.13 0.00	32.04 1.08 0.00	31.28 1.06 0.00	33.66 1.17 0.00	39.95 1.35 0.00	42.05 1.46 0.00	40.77 1.42 0.00	41.41 1.40 0.00	42.56 1.44 0.00	48.93 1.65 0.00	51.70 1.65 0.00	53.94 1.67 0.00	54.11 1.68 0.00	58.00 1.96 0.00	65.16 2.14 0.00	84.57 3.02 0.00	109.69 3.91 0.00	119.21 4.29 -2.10	92.34 3.29 0.00	65.45 2.21 0.00	54.55 1.74 0.00	45.30 1.49 0.00
ALTONA_WT_PWR 323606	39.00 -1.12 0.00	32.33 -0.80 0.00	31.47 -0.81 0.00	30.18 -0.77 0.00	29.50 -0.73 0.00	31.71 -0.78 0.00	37.56 -1.04 0.00	39.46 -1.14 0.00	37.97 -1.38 0.00	38.53 -1.48 0.00	39.52 -1.60 0.00	45.48 -1.80 0.00	48.15 -1.90 0.00	50.28 -1.99 0.00	50.44 -1.99 0.00	53.40 -2.63 0.00	59.73 -3.28 0.00	76.91 -4.65 0.00	99.85 -5.92 0.00	106.40 -6.43 0.00	84.06 -4.98 0.00	60.01 -3.22 0.00	50.43 -2.38 0.00	42.24 -1.58 0.00
AMERICAN_REF_FUEL 24010	36.88 -3.25 0.00	29.71 -3.41 0.01	29.31 -2.97 0.00	27.92 -3.03 0.00	27.14 -3.08 0.00	28.89 -3.57 0.03	28.39 -4.09 6.12	29.35 -3.77 7.47	28.83 -3.23 7.29	29.74 -2.92 7.36	30.60 -2.92 7.60	34.60 -3.92 8.75	36.79 -3.95 9.31	38.32 -4.23 9.72	38.36 -4.46 9.61	39.37 -4.99 11.68	43.28 -6.17 13.56	53.28 -7.75 20.52	65.54 -10.05 30.18	81.82 -11.17 19.83	70.83 -8.90 9.32	49.16 -6.89 7.19	44.33 -4.81 3.67	39.78 -4.03 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	37.44 -2.69 0.00	30.23 -2.88 0.01	29.79 -2.48 0.00	28.42 -2.54 0.00	27.68 -2.54 0.00	29.70 -2.76 0.03	28.67 -2.70 7.23	29.50 -2.27 8.82	28.78 -1.97 8.60	29.49 -1.84 8.68	30.36 -1.81 8.96	34.30 -2.65 10.32	36.41 -2.65 10.98	37.98 -2.82 11.47	38.10 -2.99 11.34	42.79 -3.08 10.17	47.26 -3.97 11.79	58.62 -4.73 18.20	72.87 -5.82 27.09	87.90 -4.96 19.97	74.03 -4.90 10.12	51.81 -4.43 7.00	46.32 -3.22 3.27	40.22 -3.59 0.00
ARTHUR KILL_GT_1 23520	43.66 3.53 -0.01	35.95 2.82 -0.01	34.96 2.68 -0.01	33.53 2.57 -0.01	32.74 2.51 -0.01	35.27 2.76 -0.01	42.35 3.74 -0.01	44.70 4.10 -0.01	43.81 4.45 -0.02	44.84 4.80 -0.02	46.27 5.10 -0.05	54.70 5.91 -1.52	59.44 6.26 -3.14	62.28 6.38 -3.63	66.45 6.03 -8.00	76.83 6.44 -14.35	105.50 7.25 -35.24	142.91 9.95 -51.41	142.21 12.80 -23.64	156.72 13.99 -29.90	99.67 10.15 -0.47	69.95 6.70 -0.01	58.68 5.86 -0.01	48.24 4.43 -0.01
ARTHUR_KILL_2 23512	43.54 3.41 -0.01	35.92 2.78 -0.01	34.83 2.55 -0.01	33.47 2.51 -0.01	32.74 2.51 -0.01	35.24 2.73 -0.01	42.24 3.63 -0.01	44.66 4.06 -0.01	43.62 4.25 -0.02	44.56 4.52 -0.02	46.10 4.93 -0.05	54.51 5.72 -1.52	59.14 5.95 -3.14	62.07 6.16 -3.63	66.29 5.87 -7.99	76.61 6.22 -14.35	105.25 6.99 -35.24	142.58 9.62 -51.41	141.68 12.26 -23.64	155.81 13.08 -29.90	99.23 9.71 -0.47	69.70 6.45 -0.01	58.58 5.76 -0.01	48.03 4.21 -0.01
ARTHUR_KILL_3 23513	43.21 3.09 0.00	35.58 2.45 0.00	34.50 2.23 0.00	33.12 2.17 0.00	32.37 2.15 0.00	34.87 2.37 -0.01	41.88 3.28 0.00	44.41 3.81 0.00	43.41 4.05 -0.01	44.43 4.40 -0.01	46.01 4.85 -0.04	54.36 5.58 -1.51	59.03 5.85 -3.13	61.92 6.01 -3.64	66.40 5.97 -8.00	76.85 6.44 -14.37	105.39 7.12 -35.26	142.68 9.70 -51.42	141.78 12.37 -23.64	156.03 13.31 -29.90	99.31 9.80 -0.46	69.75 6.51 0.00	58.52 5.71 -0.01	47.76 3.94 0.00

ARTHUR_KILL_COGEN 323718	43.66 3.53 -0.01	36.01 2.88 -0.01	34.96 2.68 -0.01	33.56 2.60 -0.01	32.83 2.60 -0.01	35.34 2.83 -0.01	42.35 3.74 -0.01	44.78 4.18 -0.01	43.73 4.37 -0.02	44.68 4.64 -0.02	46.27 5.10 -0.05	54.70 5.91 -1.52	59.29 6.10 -3.14	62.23 6.32 -3.63	66.44 6.03 -7.99	76.83 6.44 -14.35	105.50 7.24 -35.24	142.99 10.03 -51.41	142.21 12.79 -23.64	156.37 13.65 -29.90	99.76 10.24 -0.47	70.01 6.77 -0.01	58.84 6.02 -0.01	48.20 4.38 -0.01
ASHOKAN____ 23654	43.09 2.97 0.00	35.44 2.32 0.00	34.47 2.20 0.00	33.09 2.13 0.00	32.22 1.99 0.00	34.64 2.14 -0.01	41.26 2.66 0.00	43.39 2.80 0.00	41.79 2.44 0.00	42.37 2.36 0.00	43.63 2.51 0.00	50.11 2.84 0.00	53.05 3.00 0.00	55.46 3.19 0.00	55.94 3.51 0.00	60.02 3.98 0.00	68.37 5.35 0.00	89.79 8.23 0.00	117.30 11.53 0.00	124.70 10.16 -1.71	98.48 9.43 0.00	69.44 6.20 0.00	57.25 4.44 0.00	47.14 3.33 0.00
ASTORIA_EAST_ENERGY_CC1 323581	43.30 3.17 -0.01	35.70 2.59 0.01	34.70 2.42 -0.01	33.35 2.38 -0.01	32.62 2.39 -0.01	35.11 2.60 -0.01	41.80 3.20 0.01	44.20 3.61 0.00	43.17 3.82 -0.01	44.22 4.20 -0.01	46.01 4.85 -0.03	54.48 5.77 -1.45	59.00 5.95 -3.00	61.98 6.22 -3.49	65.97 5.55 -7.99	76.33 5.94 -14.35	103.16 7.12 -33.03	129.70 9.78 -38.36	128.89 12.26 -10.85	139.11 13.31 -12.97	98.95 9.88 -0.02	69.55 6.32 0.01	58.15 5.33 -0.01	47.81 3.99 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	43.30 3.17 -0.01	35.70 2.59 0.01	34.70 2.42 -0.01	33.35 2.38 -0.01	32.62 2.39 -0.01	35.11 2.60 -0.01	41.80 3.20 0.01	44.20 3.61 0.00	43.17 3.82 -0.01	44.22 4.20 -0.01	46.01 4.85 -0.03	54.48 5.77 -1.45	59.00 5.95 -3.00	61.98 6.22 -3.49	65.97 5.55 -7.99	76.33 5.94 -14.35	103.16 7.12 -33.03	129.70 9.78 -38.36	128.89 12.26 -10.85	139.11 13.31 -12.97	98.95 9.88 -0.02	69.55 6.32 0.01	58.15 5.33 -0.01	47.81 3.99 -0.01
ASTORIA_GT2_1 24094	43.26 3.13 -0.01	35.64 2.52 0.01	34.70 2.42 -0.01	33.28 2.32 -0.01	32.53 2.30 -0.01	35.04 2.53 -0.01	41.84 3.24 0.01	44.17 3.57 0.00	43.25 3.90 -0.01	44.51 4.48 -0.01	46.06 4.89 -0.04	54.48 5.77 -1.45	59.16 6.11 -3.01	62.04 6.27 -3.49	66.03 5.61 -8.00	76.32 5.94 -14.35	103.22 7.18 -33.03	129.70 9.79 -38.36	128.90 12.27 -10.85	139.23 13.43 -12.97	98.95 9.88 -0.02	69.55 6.32 0.01	58.14 5.33 0.00	47.89 4.07 -0.01
ASTORIA_GT2_2 24095	43.26 3.13 -0.01	35.64 2.52 0.01	34.70 2.42 -0.01	33.28 2.32 -0.01	32.53 2.30 -0.01	35.04 2.53 -0.01	41.84 3.24 0.01	44.17 3.57 0.00	43.25 3.90 -0.01	44.51 4.48 -0.01	46.06 4.89 -0.04	54.48 5.77 -1.45	59.16 6.11 -3.01	62.04 6.27 -3.49	66.03 5.61 -8.00	76.32 5.94 -14.35	103.22 7.18 -33.03	129.70 9.79 -38.36	128.90 12.27 -10.85	139.23 13.43 -12.97	98.95 9.88 -0.02	69.55 6.32 0.01	58.14 5.33 0.00	47.89 4.07 -0.01
ASTORIA_GT2_3 24096	43.26 3.13 -0.01	35.64 2.52 0.01	34.70 2.42 -0.01	33.28 2.32 -0.01	32.53 2.30 -0.01	35.04 2.53 -0.01	41.84 3.24 0.01	44.17 3.57 0.00	43.25 3.90 -0.01	44.51 4.48 -0.01	46.06 4.89 -0.04	54.48 5.77 -1.45	59.16 6.11 -3.01	62.04 6.27 -3.49	66.03 5.61 -8.00	76.32 5.94 -14.35	103.22 7.18 -33.03	129.70 9.79 -38.36	128.90 12.27 -10.85	139.23 13.43 -12.97	98.95 9.88 -0.02	69.55 6.32 0.01	58.14 5.33 0.00	47.89 4.07 -0.01
ASTORIA_GT2_4 24097	43.26 3.13 -0.01	35.64 2.52 0.01	34.70 2.42 -0.01	33.28 2.32 -0.01	32.53 2.30 -0.01	35.04 2.53 -0.01	41.84 3.24 0.01	44.17 3.57 0.00	43.25 3.90 -0.01	44.51 4.48 -0.01	46.06 4.89 -0.04	54.48 5.77 -1.45	59.16 6.11 -3.01	62.04 6.27 -3.49	66.03 5.61 -8.00	76.32 5.94 -14.35	103.22 7.18 -33.03	129.70 9.79 -38.36	128.90 12.27 -10.85	139.23 13.43 -12.97	98.95 9.88 -0.02	69.55 6.32 0.01	58.14 5.33 0.00	47.89 4.07 -0.01
ASTORIA_GT3_1 24098	43.26 3.13 -0.01	35.64 2.52 0.01	34.70 2.42 -0.01	33.28 2.32 -0.01	32.53 2.30 -0.01	35.04 2.53 -0.01	41.84 3.24 0.01	44.17 3.57 0.00	43.25 3.90 -0.01	44.51 4.48 -0.01	46.06 4.89 -0.04	54.48 5.77 -1.45	59.16 6.11 -3.01	62.04 6.27 -3.49	66.03 5.61 -8.00	76.32 5.94 -14.35	103.22 7.18 -33.03	129.70 9.79 -38.36	128.90 12.27 -10.85	139.23 13.43 -12.97	98.95 9.88 -0.02	69.55 6.32 0.01	58.14 5.33 0.00	47.89 4.07 -0.01
ASTORIA_GT3_2 24099	43.26 3.13 -0.01	35.64 2.52 0.01	34.70 2.42 -0.01	33.28 2.32 -0.01	32.53 2.30 -0.01	35.04 2.53 -0.01	41.84 3.24 0.01	44.17 3.57 0.00	43.25 3.90 -0.01	44.51 4.48 -0.01	46.06 4.89 -0.04	54.48 5.77 -1.45	59.16 6.11 -3.01	62.04 6.27 -3.49	66.03 5.61 -8.00	76.32 5.94 -14.35	103.22 7.18 -33.03	129.70 9.79 -38.36	128.90 12.27 -10.85	139.23 13.43 -12.97	98.95 9.88 -0.02	69.55 6.32 0.01	58.14 5.33 0.00	47.89 4.07 -0.01
ASTORIA_GT3_3 24100	43.26 3.13 -0.01	35.64 2.52 0.01	34.70 2.42 -0.01	33.28 2.32 -0.01	32.53 2.30 -0.01	35.04 2.53 -0.01	41.84 3.24 0.01	44.17 3.57 0.00	43.25 3.90 -0.01	44.51 4.48 -0.01	46.06 4.89 -0.04	54.48 5.77 -1.45	59.16 6.11 -3.01	62.04 6.27 -3.49	66.03 5.61 -8.00	76.32 5.94 -14.35	103.22 7.18 -33.03	129.70 9.79 -38.36	128.90 12.27 -10.85	139.23 13.43 -12.97	98.95 9.88 -0.02	69.55 6.32 0.01	58.14 5.33 0.00	47.89 4.07 -0.01
ASTORIA_GT3_4 24101	43.26 3.13 -0.01	35.64 2.52 0.01	34.70 2.42 -0.01	33.28 2.32 -0.01	32.53 2.30 -0.01	35.04 2.53 -0.01	41.84 3.24 0.01	44.17 3.57 0.00	43.25 3.90 -0.01	44.51 4.48 -0.01	46.06 4.89 -0.04	54.48 5.77 -1.45	59.16 6.11 -3.01	62.04 6.27 -3.49	66.03 5.61 -8.00	76.32 5.94 -14.35	103.22 7.18 -33.03	129.70 9.79 -38.36	128.90 12.27 -10.85	139.23 13.43 -12.97	98.95 9.88 -0.02	69.55 6.32 0.01	58.14 5.33 0.00	47.89 4.07 -0.01
ASTORIA_GT4_1 24102	43.26 3.13 -0.01	35.64 2.52 0.01	34.70 2.42 -0.01	33.28 2.32 -0.01	32.53 2.30 -0.01	35.04 2.53 -0.01	41.84 3.24 0.01	44.17 3.57 0.00	43.25 3.90 -0.01	44.51 4.48 -0.01	46.06 4.89 -0.04	54.48 5.77 -1.45	59.16 6.11 -3.01	62.04 6.27 -3.49	66.03 5.61 -8.00	76.32 5.94 -14.35	103.22 7.18 -33.03	129.70 9.79 -38.36	128.90 12.27 -10.85	139.23 13.43 -12.97	98.95 9.88 -0.02	69.55 6.32 0.01	58.14 5.33 0.00	47.89 4.07 -0.01
ASTORIA_GT4_2 24103	43.26 3.13 -0.01	35.64 2.52 0.01	34.70 2.42 -0.01	33.28 2.32 -0.01	32.53 2.30 -0.01	35.04 2.53 -0.01	41.84 3.24 0.01	44.17 3.57 0.00	43.25 3.90 -0.01	44.51 4.48 -0.01	46.06 4.89 -0.04	54.48 5.77 -1.45	59.16 6.11 -3.01	62.04 6.27 -3.49	66.03 5.61 -8.00	76.32 5.94 -14.35	103.22 7.18 -33.03	129.70 9.79 -38.36	128.90 12.27 -10.85	139.23 13.43 -12.97	98.95 9.88 -0.02	69.55 6.32 0.01	58.14 5.33 0.00	47.89 4.07 -0.01
ASTORIA_GT4_3 24104	43.26 3.13 -0.01	35.64 2.52 0.01	34.70 2.42 -0.01	33.28 2.32 -0.01	32.53 2.30 -0.01	35.04 2.53 -0.01	41.84 3.24 0.01	44.17 3.57 0.00	43.25 3.90 -0.01	44.51 4.48 -0.01	46.06 4.89 -0.04	54.48 5.77 -1.45	59.16 6.11 -3.01	62.04 6.27 -3.49	66.03 5.61 -8.00	76.32 5.94 -14.35	103.22 7.18 -33.03	129.70 9.79 -38.36	128.90 12.27 -10.85	139.23 13.43 -12.97	98.95 9.88 -0.02	69.55 6.32 0.01	58.14 5.33 0.00	47.89 4.07 -0.01

ASTORIA_GT4_4 24105	43.26 3.13 -0.01	35.64 2.52 0.01	34.70 2.42 -0.01	33.28 2.32 -0.01	32.53 2.30 -0.01	35.04 2.53 -0.01	41.84 3.24 0.01	44.17 3.57 0.00	43.25 3.90 -0.01	44.51 4.48 -0.01	46.06 4.89 -0.04	54.48 5.77 -1.45	59.16 6.11 -3.01	62.04 6.27 -3.49	66.03 5.61 -8.00	76.32 5.94 -14.35	103.22 7.18 -33.03	129.70 9.79 -38.36	128.90 12.27 -10.85	139.23 13.43 -12.97	98.95 9.88 -0.02	69.55 6.32 0.01	58.14 5.33 0.00	47.89 4.07 -0.01
ASTORIA_GT_1 23523	43.34 3.21 -0.01	35.70 2.58 0.01	34.77 2.49 -0.01	33.35 2.38 -0.01	32.59 2.36 -0.01	35.11 2.60 -0.01	41.91 3.32 0.01	44.25 3.65 0.00	43.37 4.01 -0.01	44.63 4.60 -0.01	46.18 5.02 -0.04	54.63 5.91 -1.45	59.31 6.26 -3.01	62.19 6.43 -3.49	66.19 5.77 -8.00	76.55 6.16 -14.35	103.41 7.37 -33.03	129.95 10.03 -38.36	129.32 12.69 -10.85	139.68 13.88 -12.97	99.22 10.15 -0.02	69.68 6.45 0.01	58.30 5.49 0.00	47.98 4.16 -0.01
ASTORIA_GT_10 24110	43.29 3.17 0.00	35.68 2.55 0.00	34.66 2.39 0.00	33.24 2.29 0.00	32.49 2.27 0.00	35.00 2.50 -0.01	42.00 3.40 0.00	44.37 3.78 0.00	43.53 4.17 -0.01	44.67 4.64 -0.01	46.10 4.93 -0.04	54.56 5.77 -1.52	59.16 6.11 -3.01	62.04 6.27 -3.50	66.40 5.98 -8.00	76.61 6.22 -14.35	102.10 7.06 -32.02	123.65 9.70 -32.40	117.86 12.27 0.18	128.34 13.31 -2.19	98.46 9.62 0.20	69.62 6.39 0.00	58.36 5.55 0.00	47.93 4.12 0.00
ASTORIA_GT_11 24225	43.29 3.17 0.00	35.68 2.55 0.00	34.66 2.39 0.00	33.24 2.29 0.00	32.49 2.27 0.00	35.00 2.50 -0.01	42.00 3.40 0.00	44.37 3.78 0.00	43.53 4.17 -0.01	44.67 4.64 -0.01	46.10 4.93 -0.04	54.56 5.77 -1.52	59.16 6.11 -3.01	62.04 6.27 -3.50	66.40 5.98 -8.00	76.61 6.22 -14.35	102.10 7.06 -32.02	123.65 9.70 -32.40	117.86 12.27 0.18	128.34 13.31 -2.19	98.46 9.62 0.20	69.62 6.39 0.00	58.36 5.55 0.00	47.93 4.12 0.00
ASTORIA_GT_12 24226	43.29 3.17 0.00	35.68 2.55 0.00	34.66 2.39 0.00	33.24 2.29 0.00	32.49 2.27 0.00	35.00 2.50 -0.01	42.00 3.40 0.00	44.37 3.78 0.00	43.53 4.17 -0.01	44.67 4.64 -0.01	46.10 4.93 -0.04	54.56 5.77 -1.52	59.16 6.11 -3.01	62.04 6.27 -3.50	66.40 5.98 -8.00	76.61 6.22 -14.35	102.10 7.06 -32.02	123.65 9.70 -32.40	117.86 12.27 0.18	128.34 13.31 -2.19	98.46 9.62 0.20	69.62 6.39 0.00	58.36 5.55 0.00	47.93 4.12 0.00
ASTORIA_GT_13 24227	43.29 3.17 0.00	35.68 2.55 0.00	34.66 2.39 0.00	33.24 2.29 0.00	32.49 2.27 0.00	35.00 2.50 -0.01	42.00 3.40 0.00	44.37 3.78 0.00	43.53 4.17 -0.01	44.67 4.64 -0.01	46.10 4.93 -0.04	54.56 5.77 -1.52	59.16 6.11 -3.01	62.04 6.27 -3.50	66.40 5.98 -8.00	76.61 6.22 -14.35	102.10 7.06 -32.02	123.65 9.70 -32.40	117.86 12.27 0.18	128.34 13.31 -2.19	98.46 9.62 0.20	69.62 6.39 0.00	58.36 5.55 0.00	47.93 4.12 0.00
ASTORIA_GT_5 24106	43.34 3.21 -0.01	35.70 2.58 0.01	34.77 2.49 -0.01	33.35 2.38 -0.01	32.59 2.36 -0.01	35.11 2.60 -0.01	41.91 3.32 0.01	44.25 3.65 0.00	43.37 4.01 -0.01	44.63 4.60 -0.01	46.18 5.02 -0.04	54.63 5.91 -1.45	59.31 6.26 -3.01	62.19 6.43 -3.49	66.19 5.77 -8.00	76.55 6.16 -14.35	103.41 7.37 -33.03	129.95 10.03 -38.36	129.32 12.69 -10.85	139.68 13.88 -12.97	99.22 10.15 -0.02	69.68 6.45 0.01	58.30 5.49 0.00	47.98 4.16 -0.01
ASTORIA_GT_7 24107	43.34 3.21 -0.01	35.70 2.58 0.01	34.77 2.49 -0.01	33.35 2.38 -0.01	32.59 2.36 -0.01	35.11 2.60 -0.01	41.91 3.32 0.01	44.25 3.65 0.00	43.37 4.01 -0.01	44.63 4.60 -0.01	46.18 5.02 -0.04	54.63 5.91 -1.45	59.31 6.26 -3.01	62.19 6.43 -3.49	66.19 5.77 -8.00	76.55 6.16 -14.35	103.41 7.37 -33.03	129.95 10.03 -38.36	129.32 12.69 -10.85	139.68 13.88 -12.97	99.22 10.15 -0.02	69.68 6.45 0.01	58.30 5.49 0.00	47.98 4.16 -0.01
ASTORIA_GT_8 24108	43.34 3.21 -0.01	35.70 2.58 0.01	34.77 2.49 -0.01	33.35 2.38 -0.01	32.59 2.36 -0.01	35.11 2.60 -0.01	41.91 3.32 0.01	44.25 3.65 0.00	43.37 4.01 -0.01	44.63 4.60 -0.01	46.18 5.02 -0.04	54.63 5.91 -1.45	59.31 6.26 -3.01	62.19 6.43 -3.49	66.19 5.77 -8.00	76.55 6.16 -14.35	103.41 7.37 -33.03	129.95 10.03 -38.36	129.32 12.69 -10.85	139.68 13.88 -12.97	99.22 10.15 -0.02	69.68 6.45 0.01	58.30 5.49 0.00	47.98 4.16 -0.01
ASTORIA___2 24149	43.30 3.17 -0.01	35.70 2.59 0.01	34.70 2.42 -0.01	33.35 2.38 -0.01	32.62 2.39 -0.01	35.11 2.60 -0.01	41.84 3.24 0.01	44.25 3.65 0.00	43.17 3.82 -0.01	44.22 4.20 -0.01	46.05 4.89 -0.03	54.48 5.77 -1.45	59.05 6.00 -3.00	61.98 6.22 -3.49	66.03 5.61 -7.99	76.33 5.94 -14.35	103.42 7.18 -33.23	130.90 9.78 -39.57	130.08 12.26 -12.04	140.79 13.42 -14.54	99.08 9.97 -0.06	69.55 6.32 0.01	58.21 5.39 -0.01	47.85 4.03 -0.01
ASTORIA___3 23516	43.34 3.21 0.00	35.74 2.62 0.00	34.66 2.39 0.00	33.31 2.35 0.00	32.58 2.36 0.00	35.07 2.57 -0.01	42.00 3.40 0.00	44.45 3.86 0.00	43.45 4.09 -0.01	44.47 4.44 -0.01	46.09 4.93 -0.04	54.56 5.77 -1.52	59.06 6.00 -3.01	61.99 6.22 -3.50	66.40 5.97 -8.00	76.62 6.22 -14.36	102.09 7.06 -32.02	123.65 9.70 -32.40	117.85 12.26 0.18	128.22 13.19 -2.19	98.55 9.71 0.20	69.62 6.38 0.00	58.47 5.65 -0.01	47.89 4.08 0.00
ASTORIA___4 23517	43.29 3.17 0.00	35.68 2.55 0.00	34.66 2.39 0.00	33.24 2.29 0.00	32.49 2.27 0.00	35.00 2.50 -0.01	42.00 3.40 0.00	44.37 3.78 0.00	43.53 4.17 -0.01	44.63 4.60 -0.01	46.10 4.93 -0.04	54.56 5.77 -1.52	59.16 6.11 -3.01	62.04 6.27 -3.50	66.40 5.98 -8.00	76.61 6.22 -14.35	102.10 7.06 -32.02	123.65 9.70 -32.40	117.86 12.27 0.18	128.34 13.31 -2.19	98.46 9.62 0.20	69.62 6.39 0.00	58.36 5.55 0.00	47.93 4.12 0.00
ASTORIA___5 23518	43.34 3.21 0.00	35.74 2.62 0.00	34.66 2.39 0.00	33.31 2.35 0.00	32.58 2.36 0.00	35.07 2.57 -0.01	42.00 3.40 0.00	44.45 3.86 0.00	43.45 4.09 -0.01	44.47 4.44 -0.01	46.09 4.93 -0.04	54.56 5.77 -1.52	59.06 6.00 -3.01	61.99 6.22 -3.50	66.40 5.97 -8.00	76.62 6.22 -14.36	102.09 7.06 -32.02	123.65 9.70 -32.40	117.85 12.26 0.18	128.22 13.19 -2.19	98.55 9.71 0.20	69.62 6.38 0.00	58.47 5.65 -0.01	47.89 4.08 0.00
AST_ENERGY_2_CC3 323677	43.29 3.17 0.00	35.68 2.55 0.00	34.60 2.33 0.00	33.21 2.26 0.00	32.49 2.27 0.00	34.97 2.47 -0.01	42.00 3.40 0.00	44.45 3.86 0.00	43.45 4.09 -0.01	44.43 4.40 -0.01	46.01 4.85 -0.04	54.37 5.62 -1.47	58.90 5.80 -3.05	61.93 6.11 -3.55	66.51 6.08 -8.00	76.95 6.55 -14.36	97.91 7.24 -27.65	97.91 9.86 -6.49	97.91 12.58 20.44	97.91 13.53 28.45	97.91 9.97 1.11	69.94 6.70 0.00	58.47 5.65 -0.01	47.76 3.94 0.00
AST_ENERGY_2_CC4 323678	43.29 3.17 0.00	35.68 2.55 0.00	34.60 2.33 0.00	33.21 2.26 0.00	32.49 2.27 0.00	34.97 2.47 -0.01	42.00 3.40 0.00	44.45 3.86 0.00	43.45 4.09 -0.01	44.43 4.40 -0.01	46.01 4.85 -0.04	54.37 5.62 -1.47	58.90 5.80 -3.05	61.93 6.11 -3.55	66.51 6.08 -8.00	76.95 6.55 -14.36	97.91 7.24 -27.65	97.91 9.86 -6.49	97.91 12.58 20.44	97.91 13.53 28.45	97.91 9.97 1.11	69.94 6.70 0.00	58.47 5.65 -0.01	47.76 3.94 0.00

ATHENS_STG_1 23668	41.97 1.85 0.00	34.65 1.52 0.00	33.73 1.45 0.00	32.35 1.39 0.00	31.58 1.36 0.00	34.03 1.53 -0.01	40.53 1.93 0.00	42.78 2.19 0.00	41.55 2.20 0.00	42.33 2.32 0.00	43.68 2.55 0.00	50.11 2.84 0.00	52.85 2.80 0.00	55.20 2.93 0.00	55.42 2.99 0.00	59.29 3.25 0.00	66.60 3.59 0.00	86.53 4.98 0.00	112.01 6.24 0.00	120.56 6.77 -0.96	94.21 5.16 0.00	66.65 3.41 0.00	55.55 2.74 0.00	45.83 2.02 0.00
ATHENS_STG_2 23670	41.97 1.85 0.00	34.65 1.52 0.00	33.73 1.45 0.00	32.35 1.39 0.00	31.58 1.36 0.00	34.03 1.53 -0.01	40.53 1.93 0.00	42.78 2.19 0.00	41.55 2.20 0.00	42.33 2.32 0.00	43.68 2.55 0.00	50.11 2.84 0.00	52.85 2.80 0.00	55.20 2.93 0.00	55.42 2.99 0.00	59.29 3.25 0.00	66.60 3.59 0.00	86.53 4.98 0.00	112.01 6.24 0.00	120.56 6.77 -0.96	94.21 5.16 0.00	66.65 3.41 0.00	55.55 2.74 0.00	45.83 2.02 0.00
ATHENS_STG_3 23677	41.97 1.85 0.00	34.65 1.52 0.00	33.73 1.45 0.00	32.35 1.39 0.00	31.58 1.36 0.00	34.03 1.53 -0.01	40.53 1.93 0.00	42.78 2.19 0.00	41.55 2.20 0.00	42.33 2.32 0.00	43.68 2.55 0.00	50.11 2.84 0.00	52.85 2.80 0.00	55.20 2.93 0.00	55.42 2.99 0.00	59.29 3.25 0.00	66.60 3.59 0.00	86.53 4.98 0.00	112.01 6.24 0.00	120.56 6.77 -0.96	94.21 5.16 0.00	66.65 3.41 0.00	55.55 2.74 0.00	45.83 2.02 0.00
AUBURN___LFGE 323710	40.41 0.28 0.00	33.15 0.03 0.00	32.31 0.03 0.00	30.98 0.03 0.00	30.25 0.03 0.00	32.51 0.03 0.01	39.70 0.27 -0.82	42.21 0.61 -1.00	41.30 0.47 -1.48	41.99 0.48 -1.49	43.24 0.58 -1.54	50.46 0.57 -2.62	53.96 0.65 -3.26	56.55 0.73 -3.55	56.26 0.89 -2.94	59.59 0.84 -2.71	66.46 1.07 -2.38	86.81 1.79 -3.46	117.36 2.96 -8.62	123.92 2.93 -8.16	98.59 2.40 -7.14	64.16 0.95 0.03	53.92 0.69 -0.43	44.07 0.26 0.00
BABYLON_RES_REC 323704	44.98 4.25 -0.61	36.37 3.25 0.00	35.12 2.84 0.00	33.62 2.66 0.00	32.88 2.66 0.00	35.59 3.09 -0.01	42.77 4.17 0.00	45.34 4.75 0.00	43.72 4.37 -0.01	44.02 4.00 -0.01	47.49 5.39 -0.98	53.71 5.25 -1.20	57.48 4.96 -2.48	60.90 5.75 -2.88	66.58 6.18 -7.97	76.91 6.55 -14.32	120.57 8.13 -49.43	150.82 11.17 -58.09	236.27 14.60 -115.90	201.23 15.68 -72.72	126.08 11.84 -25.18	82.88 7.90 -11.74	58.31 5.49 -0.01	48.37 4.56 0.00
BALL_HILL_WT_PWR 323825	37.92 -2.21 0.00	30.60 -2.52 0.01	30.14 -2.13 0.00	28.72 -2.23 0.00	27.96 -2.27 0.00	29.90 -2.57 0.03	28.28 -2.43 7.89	28.97 -1.99 9.63	28.34 -1.62 9.40	29.13 -1.40 9.48	30.02 -1.32 9.79	33.96 -2.03 11.28	36.05 -2.00 12.00	37.65 -2.25 12.53	37.78 -2.28 12.39	42.54 -2.30 11.20	46.81 -3.15 13.05	57.69 -3.75 20.11	71.22 -4.65 29.90	86.15 -5.08 21.60	73.90 -4.18 10.97	51.95 -3.79 7.49	46.61 -2.53 3.67	40.88 -2.93 0.00
BARON_WINDS___WT_PWR 323822	38.72 -1.41 0.00	31.49 -1.62 0.01	30.85 -1.42 0.00	29.50 -1.45 0.00	28.77 -1.45 0.00	30.83 -1.62 0.04	4.83 -1.31 32.46	0.00 -0.97 39.62	-0.23 -0.90 38.67	0.03 -0.96 39.03	0.00 -0.87 40.26	-0.02 -1.13 46.15	0.00 -1.10 48.95	0.00 -1.20 51.07	0.00 -1.73 50.70	0.00 -1.57 54.47	0.00 -1.89 61.12	0.00 -1.87 79.68	0.00 -1.80 103.97	6.35 -2.48 104.00	33.62 -1.78 53.65	37.76 -2.15 23.33	34.76 -1.32 16.73	41.97 -1.84 0.00
BARRETT_IC_1 23704	44.42 3.69 -0.61	36.01 2.88 0.00	34.79 2.52 0.00	33.34 2.38 0.00	32.58 2.36 0.00	35.23 2.73 -0.01	42.31 3.71 0.00	44.85 4.26 0.00	43.41 4.05 -0.01	43.86 3.84 -0.01	47.24 5.14 -0.98	53.67 5.20 -1.20	57.28 4.76 -2.48	60.85 5.70 -2.88	66.48 6.08 -7.97	76.81 6.44 -14.33	120.26 7.81 -49.44	150.33 10.68 -58.10	235.43 13.74 -115.91	200.45 14.89 -72.72	125.37 11.13 -25.19	82.32 7.33 -11.75	58.04 5.23 -0.01	47.93 4.12 0.00
BARRETT_IC_10 23701	44.42 3.69 -0.61	36.01 2.88 0.00	34.79 2.52 0.00	33.34 2.38 0.00	32.58 2.36 0.00	35.23 2.73 -0.01	42.31 3.71 0.00	44.85 4.26 0.00	43.41 4.05 -0.01	43.86 3.84 -0.01	47.24 5.14 -0.98	53.67 5.20 -1.20	57.28 4.76 -2.48	60.85 5.70 -2.88	66.48 6.08 -7.97	76.81 6.44 -14.33	120.26 7.81 -49.44	150.33 10.68 -58.10	235.43 13.74 -115.91	200.45 14.89 -72.72	125.37 11.13 -25.19	82.32 7.33 -11.75	58.04 5.23 -0.01	47.93 4.12 0.00
BARRETT_IC_11 23702	44.42 3.69 -0.61	36.01 2.88 0.00	34.79 2.52 0.00	33.34 2.38 0.00	32.58 2.36 0.00	35.23 2.73 -0.01	42.31 3.71 0.00	44.85 4.26 0.00	43.41 4.05 -0.01	43.86 3.84 -0.01	47.24 5.14 -0.98	53.67 5.20 -1.20	57.28 4.76 -2.48	60.85 5.70 -2.88	66.48 6.08 -7.97	76.81 6.44 -14.33	120.26 7.81 -49.44	150.33 10.68 -58.10	235.43 13.74 -115.91	200.45 14.89 -72.72	125.37 11.13 -25.19	82.32 7.33 -11.75	58.04 5.23 -0.01	47.93 4.12 0.00
BARRETT_IC_12 23703	44.42 3.69 -0.61	36.01 2.88 0.00	34.79 2.52 0.00	33.34 2.38 0.00	32.58 2.36 0.00	35.23 2.73 -0.01	42.31 3.71 0.00	44.85 4.26 0.00	43.41 4.05 -0.01	43.86 3.84 -0.01	47.24 5.14 -0.98	53.67 5.20 -1.20	57.28 4.76 -2.48	60.85 5.70 -2.88	66.48 6.08 -7.97	76.81 6.44 -14.33	120.26 7.81 -49.44	150.33 10.68 -58.10	235.43 13.74 -115.91	200.45 14.89 -72.72	125.37 11.13 -25.19	82.32 7.33 -11.75	58.04 5.23 -0.01	47.93 4.12 0.00
BARRETT_IC_2 23705	44.42 3.69 -0.61	36.01 2.88 0.00	34.79 2.52 0.00	33.34 2.38 0.00	32.58 2.36 0.00	35.23 2.73 -0.01	42.31 3.71 0.00	44.85 4.26 0.00	43.41 4.05 -0.01	43.86 3.84 -0.01	47.24 5.14 -0.98	53.67 5.20 -1.20	57.28 4.76 -2.48	60.85 5.70 -2.88	66.48 6.08 -7.97	76.81 6.44 -14.33	120.26 7.81 -49.44	150.33 10.68 -58.10	235.43 13.74 -115.91	200.45 14.89 -72.72	125.37 11.13 -25.19	82.32 7.33 -11.75	58.04 5.23 -0.01	47.93 4.12 0.00
BARRETT_IC_3 23706	44.42 3.69 -0.61	36.01 2.88 0.00	34.79 2.52 0.00	33.34 2.38 0.00	32.58 2.36 0.00	35.23 2.73 -0.01	42.31 3.71 0.00	44.85 4.26 0.00	43.41 4.05 -0.01	43.86 3.84 -0.01	47.24 5.14 -0.98	53.67 5.20 -1.20	57.28 4.76 -2.48	60.85 5.70 -2.88	66.48 6.08 -7.97	76.81 6.44 -14.33	120.26 7.81 -49.44	150.33 10.68 -58.10	235.43 13.74 -115.91	200.45 14.89 -72.72	125.37 11.13 -25.19	82.32 7.33 -11.75	58.04 5.23 -0.01	47.93 4.12 0.00
BARRETT_IC_4 23707	44.42 3.69 -0.61	36.01 2.88 0.00	34.79 2.52 0.00	33.34 2.38 0.00	32.58 2.36 0.00	35.23 2.73 -0.01	42.31 3.71 0.00	44.85 4.26 0.00	43.41 4.05 -0.01	43.86 3.84 -0.01	47.24 5.14 -0.98	53.67 5.20 -1.20	57.28 4.76 -2.48	60.85 5.70 -2.88	66.48 6.08 -7.97	76.81 6.44 -14.33	120.26 7.81 -49.44	150.33 10.68 -58.10	235.43 13.74 -115.91	200.45 14.89 -72.72	125.37 11.13 -25.19	82.32 7.33 -11.75	58.04 5.23 -0.01	47.93 4.12 0.00
BARRETT_IC_5 23708	44.42 3.69 -0.61	36.01 2.88 0.00	34.79 2.52 0.00	33.34 2.38 0.00	32.58 2.36 0.00	35.23 2.73 -0.01	42.31 3.71 0.00	44.85 4.26 0.00	43.41 4.05 -0.01	43.86 3.84 -0.01	47.24 5.14 -0.98	53.67 5.20 -1.20	57.28 4.76 -2.48	60.85 5.70 -2.88	66.48 6.08 -7.97	76.81 6.44 -14.33	120.26 7.81 -49.44	150.33 10.68 -58.10	235.43 13.74 -115.91	200.45 14.89 -72.72	125.37 11.13 -25.19	82.32 7.33 -11.75	58.04 5.23 -0.01	47.93 4.12 0.00

BARRETT_IC_6 23709	44.42 3.69 -0.61	36.01 2.88 0.00	34.79 2.52 0.00	33.34 2.38 0.00	32.58 2.36 0.00	35.23 2.73 -0.01	42.31 3.71 0.00	44.85 4.26 0.00	43.41 4.05 -0.01	43.86 3.84 -0.01	47.24 5.14 -0.98	53.67 5.20 -1.20	57.28 4.76 -2.48	60.85 5.70 -2.88	66.48 6.08 -7.97	76.81 6.44 -14.33	120.26 7.81 -49.44	150.33 10.68 -58.10	235.43 13.74 -115.91	200.45 14.89 -72.72	125.37 11.13 -25.19	82.32 7.33 -11.75	58.04 5.23 -0.01	47.93 4.12 0.00
BARRETT_IC_7 23710	44.38 3.65 -0.61	35.94 2.82 0.00	34.79 2.52 0.00	33.28 2.32 0.00	32.52 2.30 0.00	35.20 2.70 -0.01	42.42 3.82 0.00	44.82 4.22 0.00	43.37 4.01 -0.01	44.10 4.08 -0.01	47.25 5.14 -0.98	53.57 5.11 -1.20	57.83 5.31 -2.48	60.90 5.75 -2.88	66.48 6.08 -7.97	76.80 6.44 -14.31	120.26 7.81 -49.43	150.24 10.60 -58.09	235.42 13.75 -115.90	200.45 14.89 -72.72	125.36 11.13 -25.18	82.25 7.27 -11.74	57.99 5.18 0.00	48.11 4.29 0.00
BARRETT_IC_8 23711	44.42 3.69 -0.61	36.01 2.88 0.00	34.79 2.52 0.00	33.34 2.38 0.00	32.58 2.36 0.00	35.23 2.73 -0.01	42.31 3.71 0.00	44.85 4.26 0.00	43.41 4.05 -0.01	43.86 3.84 -0.01	47.24 5.14 -0.98	53.67 5.20 -1.20	57.28 4.76 -2.48	60.85 5.70 -2.88	66.48 6.08 -7.97	76.81 6.44 -14.33	120.26 7.81 -49.44	150.33 10.68 -58.10	235.43 13.74 -115.91	200.45 14.89 -72.72	125.37 11.13 -25.19	82.32 7.33 -11.75	58.04 5.23 -0.01	47.93 4.12 0.00
BARRETT_IC_9 23700	44.42 3.69 -0.61	36.01 2.88 0.00	34.79 2.52 0.00	33.34 2.38 0.00	32.58 2.36 0.00	35.23 2.73 -0.01	42.31 3.71 0.00	44.85 4.26 0.00	43.41 4.05 -0.01	43.86 3.84 -0.01	47.24 5.14 -0.98	53.67 5.20 -1.20	57.28 4.76 -2.48	60.85 5.70 -2.88	66.48 6.08 -7.97	76.81 6.44 -14.33	120.26 7.81 -49.44	150.33 10.68 -58.10	235.43 13.74 -115.91	200.45 14.89 -72.72	125.37 11.13 -25.19	82.32 7.33 -11.75	58.04 5.23 -0.01	47.93 4.12 0.00
BARRETT___1 23545	44.42 3.69 -0.61	36.01 2.88 0.00	34.79 2.52 0.00	33.34 2.38 0.00	32.58 2.36 0.00	35.23 2.73 -0.01	42.31 3.71 0.00	44.85 4.26 0.00	43.41 4.05 -0.01	43.86 3.84 -0.01	47.24 5.14 -0.98	53.67 5.20 -1.20	57.28 4.76 -2.48	60.85 5.70 -2.88	66.48 6.08 -7.97	76.81 6.44 -14.33	120.26 7.81 -49.44	150.33 10.68 -58.10	235.43 13.74 -115.91	200.45 14.89 -72.72	125.37 11.13 -25.19	82.32 7.33 -11.75	58.04 5.23 -0.01	47.93 4.12 0.00
BARRETT___2 23546	44.42 3.69 -0.61	36.01 2.88 0.00	34.79 2.52 0.00	33.34 2.38 0.00	32.58 2.36 0.00	35.23 2.73 -0.01	42.31 3.71 0.00	44.85 4.26 0.00	43.41 4.05 -0.01	43.86 3.84 -0.01	47.24 5.14 -0.98	53.67 5.20 -1.20	57.28 4.76 -2.48	60.85 5.70 -2.88	66.48 6.08 -7.97	76.81 6.44 -14.33	120.26 7.81 -49.44	150.33 10.68 -58.10	235.43 13.74 -115.91	200.45 14.89 -72.72	125.37 11.13 -25.19	82.32 7.33 -11.75	58.04 5.23 -0.01	47.93 4.12 0.00
BATAVIA___115KV_TB1 55881	38.80 -1.32 0.00	31.26 -1.85 0.01	30.60 -1.68 0.00	29.38 -1.58 0.00	28.59 -1.63 0.00	30.52 -1.95 0.02	32.14 -2.12 4.34	33.96 -1.34 5.29	32.49 -1.69 5.17	33.52 -1.28 5.22	34.75 -0.99 5.39	39.32 -1.75 6.20	41.20 -2.25 6.60	43.13 -2.25 6.89	43.67 -1.94 6.82	46.43 -1.91 7.70	52.29 -2.39 8.33	66.04 -2.69 12.82	83.84 -2.86 19.08	97.90 -3.27 11.66	80.06 -2.14 6.86	54.73 -2.72 5.79	48.57 -1.90 2.33	41.97 -1.84 0.00
BAYONEEC___CTG1 323682	43.34 3.21 0.00	35.68 2.55 0.00	34.60 2.33 0.00	33.21 2.26 0.00	32.49 2.27 0.00	35.00 2.50 -0.01	42.04 3.43 0.00	44.53 3.94 0.00	43.53 4.17 -0.01	44.51 4.48 -0.01	46.10 4.93 -0.04	54.45 5.67 -1.51	59.13 5.95 -3.13	62.08 6.16 -3.64	66.56 6.13 -8.00	77.01 6.61 -14.37	105.58 7.31 -35.26	142.92 9.95 -51.42	142.10 12.69 -23.64	156.49 13.76 -29.90	99.57 10.06 -0.46	70.00 6.77 0.00	58.63 5.81 -0.01	47.84 4.03 0.00
BAYONEEC___CTG10 323750	43.34 3.21 0.00	35.68 2.55 0.00	34.60 2.33 0.00	33.21 2.26 0.00	32.49 2.27 0.00	35.00 2.50 -0.01	42.04 3.43 0.00	44.53 3.94 0.00	43.53 4.17 -0.01	44.51 4.48 -0.01	46.10 4.93 -0.04	54.45 5.67 -1.51	59.13 5.95 -3.13	62.08 6.16 -3.64	66.56 6.13 -8.00	77.01 6.61 -14.37	105.58 7.31 -35.26	142.92 9.95 -51.42	142.10 12.69 -23.64	156.49 13.76 -29.90	99.57 10.06 -0.46	70.00 6.77 0.00	58.63 5.81 -0.01	47.84 4.03 0.00
BAYONEEC___CTG2 323683	43.34 3.21 0.00	35.68 2.55 0.00	34.60 2.33 0.00	33.21 2.26 0.00	32.49 2.27 0.00	35.00 2.50 -0.01	42.04 3.43 0.00	44.53 3.94 0.00	43.53 4.17 -0.01	44.51 4.48 -0.01	46.10 4.93 -0.04	54.45 5.67 -1.51	59.13 5.95 -3.13	62.08 6.16 -3.64	66.56 6.13 -8.00	77.01 6.61 -14.37	105.58 7.31 -35.26	142.92 9.95 -51.42	142.10 12.69 -23.64	156.49 13.76 -29.90	99.57 10.06 -0.46	70.00 6.77 0.00	58.63 5.81 -0.01	47.84 4.03 0.00
BAYONEEC___CTG3 323684	43.34 3.21 0.00	35.68 2.55 0.00	34.60 2.33 0.00	33.21 2.26 0.00	32.49 2.27 0.00	35.00 2.50 -0.01	42.04 3.43 0.00	44.53 3.94 0.00	43.53 4.17 -0.01	44.51 4.48 -0.01	46.10 4.93 -0.04	54.45 5.67 -1.51	59.13 5.95 -3.13	62.08 6.16 -3.64	66.56 6.13 -8.00	77.01 6.61 -14.37	105.58 7.31 -35.26	142.92 9.95 -51.42	142.10 12.69 -23.64	156.49 13.76 -29.90	99.57 10.06 -0.46	70.00 6.77 0.00	58.63 5.81 -0.01	47.84 4.03 0.00
BAYONEEC___CTG4 323685	43.34 3.21 0.00	35.68 2.55 0.00	34.60 2.33 0.00	33.21 2.26 0.00	32.49 2.27 0.00	35.00 2.50 -0.01	42.04 3.43 0.00	44.53 3.94 0.00	43.53 4.17 -0.01	44.51 4.48 -0.01	46.10 4.93 -0.04	54.45 5.67 -1.51	59.13 5.95 -3.13	62.08 6.16 -3.64	66.56 6.13 -8.00	77.01 6.61 -14.37	105.58 7.31 -35.26	142.92 9.95 -51.42	142.10 12.69 -23.64	156.49 13.76 -29.90	99.57 10.06 -0.46	70.00 6.77 0.00	58.63 5.81 -0.01	47.84 4.03 0.00
BAYONEEC___CTG5 323686	43.34 3.21 0.00	35.68 2.55 0.00	34.60 2.33 0.00	33.21 2.26 0.00	32.49 2.27 0.00	35.00 2.50 -0.01	42.04 3.43 0.00	44.53 3.94 0.00	43.53 4.17 -0.01	44.51 4.48 -0.01	46.10 4.93 -0.04	54.45 5.67 -1.51	59.13 5.95 -3.13	62.08 6.16 -3.64	66.56 6.13 -8.00	77.01 6.61 -14.37	105.58 7.31 -35.26	142.92 9.95 -51.42	142.10 12.69 -23.64	156.49 13.76 -29.90	99.57 10.06 -0.46	70.00 6.77 0.00	58.63 5.81 -0.01	47.84 4.03 0.00
BAYONEEC___CTG6 323687	43.34 3.21 0.00	35.68 2.55 0.00	34.60 2.33 0.00	33.21 2.26 0.00	32.49 2.27 0.00	35.00 2.50 -0.01	42.04 3.43 0.00	44.53 3.94 0.00	43.53 4.17 -0.01	44.51 4.48 -0.01	46.10 4.93 -0.04	54.45 5.67 -1.51	59.13 5.95 -3.13	62.08 6.16 -3.64	66.56 6.13 -8.00	77.01 6.61 -14.37	105.58 7.31 -35.26	142.92 9.95 -51.42	142.10 12.69 -23.64	156.49 13.76 -29.90	99.57 10.06 -0.46	70.00 6.77 0.00	58.63 5.81 -0.01	47.84 4.03 0.00
BAYONEEC___CTG7 323688	43.34 3.21 0.00	35.68 2.55 0.00	34.60 2.33 0.00	33.21 2.26 0.00	32.49 2.27 0.00	35.00 2.50 -0.01	42.04 3.43 0.00	44.53 3.94 0.00	43.53 4.17 -0.01	44.51 4.48 -0.01	46.10 4.93 -0.04	54.45 5.67 -1.51	59.13 5.95 -3.13	62.08 6.16 -3.64	66.56 6.13 -8.00	77.01 6.61 -14.37	105.58 7.31 -35.26	142.92 9.95 -51.42	142.10 12.69 -23.64	156.49 13.76 -29.90	99.57 10.06 -0.46	70.00 6.77 0.00	58.63 5.81 -0.01	47.84 4.03 0.00

BAYONEEC___CTG8 323689	43.34 3.21 0.00	35.68 2.55 0.00	34.60 2.33 0.00	33.21 2.26 0.00	32.49 2.27 0.00	35.00 2.50 -0.01	42.04 3.43 0.00	44.53 3.94 0.00	43.53 4.17 -0.01	44.51 4.48 -0.01	46.10 4.93 -0.04	54.45 5.67 -1.51	59.13 5.95 -3.13	62.08 6.16 -3.64	66.56 6.13 -8.00	77.01 6.61 -14.37	105.58 7.31 -35.26	142.92 9.95 -51.42	142.10 12.69 -23.64	156.49 13.76 -29.90	99.57 10.06 -0.46	70.00 6.77 0.00	58.63 5.81 -0.01	47.84 4.03 0.00
BAYONEEC___CTG9 323749	43.34 3.21 0.00	35.68 2.55 0.00	34.60 2.33 0.00	33.21 2.26 0.00	32.49 2.27 0.00	35.00 2.50 -0.01	42.04 3.43 0.00	44.53 3.94 0.00	43.53 4.17 -0.01	44.51 4.48 -0.01	46.10 4.93 -0.04	54.45 5.67 -1.51	59.13 5.95 -3.13	62.08 6.16 -3.64	66.56 6.13 -8.00	77.01 6.61 -14.37	105.58 7.31 -35.26	142.92 9.95 -51.42	142.10 12.69 -23.64	156.49 13.76 -29.90	99.57 10.06 -0.46	70.00 6.77 0.00	58.63 5.81 -0.01	47.84 4.03 0.00
BAYPORT_69_KV_BK 2 356364	46.00 5.26 -0.61	36.94 3.81 0.00	35.70 3.42 0.00	34.08 3.13 0.00	33.34 3.11 0.00	36.11 3.61 -0.01	43.77 5.17 0.00	46.07 5.48 0.00	44.08 4.72 -0.01	44.30 4.28 -0.01	47.62 5.51 -0.98	53.57 5.11 -1.20	57.88 5.36 -2.48	61.11 5.96 -2.88	66.69 6.29 -7.97	77.08 6.72 -14.31	120.63 8.19 -49.43	151.22 11.58 -58.09	236.80 15.13 -115.90	201.58 16.02 -72.72	126.34 12.11 -25.18	83.39 8.41 -11.74	58.57 5.76 0.00	48.85 5.04 0.00
BEACON___LESR 323632	41.69 1.56 0.00	34.48 1.36 0.00	33.73 1.45 0.00	32.38 1.42 0.00	31.58 1.36 0.00	34.02 1.53 0.00	40.26 1.66 0.00	42.38 1.78 0.00	40.88 1.53 0.00	41.45 1.44 0.00	42.60 1.48 0.00	49.16 1.89 0.00	52.00 1.95 0.00	54.21 1.94 0.00	54.42 1.99 0.00	58.44 2.41 0.00	65.72 2.71 0.00	85.31 3.75 0.00	110.74 4.97 0.00	120.59 5.30 -2.45	93.15 4.10 0.00	65.89 2.66 0.00	54.92 2.11 0.00	45.65 1.84 0.00
BEAVER RIVER___HYD 24048	39.24 -0.88 0.00	32.26 -0.86 0.00	31.37 -0.90 0.00	30.06 -0.90 0.00	29.32 -0.91 0.00	31.68 -0.81 0.00	37.45 -1.16 0.00	39.17 -1.42 0.00	37.70 -1.65 0.00	38.01 -2.00 0.00	38.98 -2.14 0.00	45.32 -2.36 -0.41	48.21 -2.50 -0.67	50.58 -2.46 -0.77	50.45 -2.46 -0.48	53.72 -2.58 -0.26	60.99 -2.02 0.00	80.98 -1.14 -0.57	110.77 2.53 -2.46	118.70 3.61 -2.26	94.18 2.67 -2.46	64.57 1.33 0.00	53.39 0.58 0.00	44.34 0.53 0.00
BEEBEE_GT_13 23619	39.48 -0.64 0.00	32.13 -0.99 0.01	31.40 -0.87 0.00	30.12 -0.84 0.00	29.35 -0.88 0.00	31.40 -1.07 0.02	37.18 -1.43 0.00	39.66 -0.93 -0.01	38.25 -1.10 -0.01	39.18 -0.84 -0.01	40.55 -0.58 0.00	46.47 -0.80 -0.01	49.05 -1.00 -0.01	51.34 -0.94 -0.01	51.60 -0.84 -0.01	55.28 -0.67 0.08	62.07 -0.95 0.00	80.27 -0.90 0.38	103.89 -0.95 0.93	111.73 -1.24 -0.14	88.26 -0.62 0.17	58.63 -1.45 3.15	51.61 -1.21 -0.02	42.98 -0.83 0.00
BENSHRST_27_KV_BENSHRST_1 355998	43.74 3.61 -0.01	35.98 2.85 -0.01	34.99 2.71 -0.01	33.56 2.60 -0.01	32.77 2.54 -0.01	35.34 2.83 -0.01	42.43 3.82 -0.01	44.86 4.26 -0.01	44.05 4.68 -0.02	45.16 5.12 -0.02	46.60 5.43 -0.05	55.17 6.38 -1.52	59.99 6.81 -3.14	62.92 7.00 -3.65	67.14 6.71 -8.00	77.51 7.12 -14.35	106.26 8.00 -35.24	143.89 10.93 -51.41	143.38 13.96 -23.64	157.96 15.23 -29.90	100.56 11.04 -0.47	70.58 7.34 -0.01	59.10 6.28 -0.01	48.46 4.64 -0.01
BETHLEHEM___GRP 23843	41.05 0.92 0.00	33.99 0.86 0.00	33.34 1.07 0.00	31.98 1.02 0.00	31.19 0.97 0.00	33.57 1.07 0.00	39.64 1.04 0.00	41.69 1.10 0.00	40.37 1.02 0.00	40.97 0.96 0.00	42.11 0.99 0.00	48.50 1.23 0.00	51.20 1.15 0.00	53.47 1.20 0.00	53.63 1.21 0.00	57.44 1.40 0.00	64.59 1.58 0.00	83.67 2.12 0.00	108.42 2.64 0.00	118.18 2.93 -2.42	91.27 2.23 0.00	64.69 1.45 0.00	53.97 1.16 0.00	44.99 1.18 0.00
BETHLEHEM___GS1 323560	41.09 0.96 0.00	33.98 0.86 0.00	33.31 1.03 0.00	31.97 1.02 0.00	31.19 0.97 0.00	33.57 1.07 0.00	39.64 1.04 0.00	41.73 1.14 0.00	40.33 0.98 0.00	40.94 0.92 0.00	42.11 0.99 0.00	48.50 1.23 0.00	51.25 1.20 0.00	53.42 1.15 0.00	53.63 1.21 0.00	57.44 1.40 0.00	64.59 1.58 0.00	83.75 2.20 0.00	108.42 2.65 0.00	118.18 2.93 -2.42	91.36 2.31 0.00	64.69 1.46 0.00	54.03 1.22 0.00	44.95 1.14 0.00
BETHLEHEM___GS2 323561	41.09 0.96 0.00	33.98 0.86 0.00	33.31 1.03 0.00	31.97 1.02 0.00	31.19 0.97 0.00	33.57 1.07 0.00	39.64 1.04 0.00	41.73 1.14 0.00	40.33 0.98 0.00	40.94 0.92 0.00	42.11 0.99 0.00	48.50 1.23 0.00	51.25 1.20 0.00	53.42 1.15 0.00	53.63 1.21 0.00	57.44 1.40 0.00	64.59 1.58 0.00	83.75 2.20 0.00	108.42 2.65 0.00	118.18 2.93 -2.42	91.36 2.31 0.00	64.69 1.46 0.00	54.03 1.22 0.00	44.95 1.14 0.00
BETHLEHEM___GS3 323562	41.09 0.96 0.00	33.98 0.86 0.00	33.31 1.03 0.00	31.97 1.02 0.00	31.19 0.97 0.00	33.57 1.07 0.00	39.64 1.04 0.00	41.73 1.14 0.00	40.33 0.98 0.00	40.94 0.92 0.00	42.11 0.99 0.00	48.50 1.23 0.00	51.25 1.20 0.00	53.42 1.15 0.00	53.63 1.21 0.00	57.44 1.40 0.00	64.59 1.58 0.00	83.75 2.20 0.00	108.42 2.65 0.00	118.18 2.93 -2.42	91.36 2.31 0.00	64.69 1.46 0.00	54.03 1.22 0.00	44.95 1.14 0.00
BETHLEHEM___STEEL 23779	37.84 -2.29 0.00	30.40 -2.72 0.01	29.79 -2.49 0.00	28.60 -2.35 0.00	27.83 -2.39 0.00	29.67 -2.79 0.03	28.17 -2.66 7.77	29.17 -1.95 9.48	28.02 -2.09 9.25	29.16 -1.52 9.33	30.14 -1.36 9.63	34.00 -2.17 11.10	35.49 -2.75 11.80	37.12 -2.82 12.33	37.82 -2.41 12.19	42.58 -2.52 10.94	46.99 -3.40 12.62	57.73 -4.32 19.50	71.43 -5.29 29.05	85.24 -6.09 21.50	73.46 -4.63 10.96	51.63 -4.17 7.43	46.54 -2.80 3.47	40.61 -3.20 0.00
BETHLHEM_115KV_TB1 79974	41.13 1.00 0.00	34.05 0.93 0.00	33.34 1.07 0.00	31.98 1.02 0.00	31.22 1.00 0.00	33.60 1.10 0.00	39.72 1.12 0.00	41.77 1.18 0.00	40.45 1.10 0.00	41.09 1.08 0.00	42.24 1.11 0.00	48.60 1.32 0.00	51.35 1.30 0.00	53.58 1.31 0.00	53.74 1.31 0.00	57.55 1.51 0.00	64.71 1.70 0.00	83.92 2.37 0.00	108.63 2.86 0.00	118.32 3.16 -2.34	91.45 2.40 0.00	64.82 1.58 0.00	54.13 1.32 0.00	45.08 1.27 0.00
BETHPAGE_CC_5 323564	44.82 4.09 -0.61	36.27 3.15 0.00	35.05 2.78 0.00	33.55 2.60 0.00	32.82 2.60 0.00	35.49 2.99 -0.01	42.65 4.05 0.00	45.26 4.67 0.00	43.72 4.37 -0.01	44.14 4.12 -0.01	47.57 5.47 -0.98	53.90 5.43 -1.20	57.68 5.16 -2.48	61.00 5.85 -2.88	66.69 6.29 -7.97	77.02 6.67 -14.32	120.57 8.13 -49.43	150.73 11.09 -58.09	236.06 14.38 -115.90	201.01 15.46 -72.72	125.89 11.66 -25.18	82.75 7.78 -11.74	58.36 5.54 -0.01	48.28 4.47 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	37.84 -2.29 0.00	30.43 -2.68 0.01	29.82 -2.45 0.00	28.60 -2.35 0.00	27.83 -2.39 0.00	29.70 -2.76 0.03	28.65 -2.39 7.56	29.71 -1.66 9.22	28.54 -1.81 9.00	29.65 -1.28 9.08	30.64 -1.11 9.37	34.63 -1.84 10.80	36.11 -2.45 11.49	37.82 -2.46 12.00	38.47 -2.10 11.87	43.36 -2.13 10.54	47.84 -3.02 12.15	58.84 -3.91 18.80	73.00 -4.76 28.02	86.33 -5.53 20.97	74.19 -4.19 10.67	52.19 -3.79 7.25	47.00 -2.48 3.33	40.66 -3.15 0.00

BINGHAMTON___COGEN 23790	40.53 0.40 0.00	33.27 0.13 -0.02	32.40 0.13 0.00	31.08 0.12 0.00	30.34 0.12 0.00	32.65 0.10 -0.06	39.14 0.54 0.00	41.45 0.85 0.00	40.14 0.79 0.00	40.98 0.96 0.00	42.20 1.07 0.00	48.83 1.13 -0.43	51.89 1.15 -0.69	54.27 1.20 -0.80	54.29 1.36 -0.50	58.06 1.63 -0.40	64.91 1.76 -0.13	85.23 2.61 -1.07	113.12 3.81 -3.54	119.99 3.72 -3.44	94.90 2.94 -2.92	63.89 1.45 0.80	54.02 1.21 0.00	44.29 0.48 0.00
BIXINCNT_115KV_LOAD 355685	37.60 -2.53 0.00	30.30 -2.82 0.01	29.69 -2.58 0.00	28.54 -2.41 0.00	27.74 -2.48 0.00	29.74 -2.73 0.03	30.13 -1.81 6.66	31.33 -1.14 8.13	30.12 -1.30 7.93	31.05 -0.96 8.00	31.80 -1.07 8.26	35.96 -1.80 9.51	37.58 -2.35 10.12	39.19 -2.51 10.57	39.93 -2.04 10.45	44.97 -1.85 9.22	49.44 -2.96 10.61	61.61 -3.51 16.43	76.94 -4.34 24.49	88.83 -5.42 18.59	75.45 -4.19 9.41	52.94 -3.73 6.56	47.34 -2.59 2.88	40.04 -3.77 0.00
BLACK RIVER___HYD 24047	39.93 -0.20 0.00	32.79 -0.33 0.00	31.85 -0.42 0.00	30.58 -0.37 0.00	29.83 -0.39 0.00	32.23 -0.26 0.00	38.18 -0.42 0.00	39.94 -0.65 0.00	38.37 -0.98 0.00	38.65 -1.36 0.00	39.68 -1.44 0.00	46.35 -1.56 -0.64	49.44 -1.65 -1.04	51.90 -1.57 -1.20	51.65 -1.52 -0.75	54.92 -1.51 -0.40	62.32 -0.69 0.00	83.58 1.14 -0.88	114.46 4.87 -3.82	122.66 6.31 -3.51	97.58 4.72 -3.82	65.83 2.59 0.00	54.24 1.43 0.00	44.86 1.05 0.00
BLACKRVR_115KV_TB2 79977	39.92 -0.20 0.00	32.79 -0.33 0.00	31.85 -0.42 0.00	30.52 -0.43 0.00	29.83 -0.39 0.00	32.23 -0.26 0.00	38.18 -0.42 0.00	39.94 -0.65 0.00	38.33 -1.02 0.00	38.61 -1.40 0.00	39.69 -1.44 0.00	46.35 -1.56 -0.64	49.43 -1.65 -1.04	51.95 -1.52 -1.20	51.66 -1.52 -0.75	54.92 -1.51 -0.40	62.38 -0.63 0.00	83.58 1.14 -0.88	114.46 4.87 -3.82	122.66 6.32 -3.51	97.59 4.72 -3.82	65.83 2.59 0.00	54.24 1.43 0.00	44.86 1.05 0.00
BLISS_WT_PWR 323608	37.44 -2.69 0.00	30.23 -2.88 0.01	29.76 -2.52 0.00	28.45 -2.51 0.00	27.65 -2.57 0.00	29.67 -2.79 0.03	30.05 -1.89 6.66	30.96 -1.50 8.13	30.28 -1.14 7.93	30.85 -1.16 8.00	31.43 -1.44 8.26	35.68 -2.08 9.51	37.83 -2.10 10.12	39.35 -2.35 10.57	39.51 -2.46 10.45	44.51 -2.30 9.22	49.00 -3.40 10.61	61.12 -3.99 16.43	76.20 -5.08 24.49	88.04 -6.21 18.59	74.83 -4.81 9.41	52.50 -4.18 6.56	46.92 -3.01 2.88	39.87 -3.94 0.00
BLUESTONE___WT_PWR 323821	42.29 2.17 0.00	34.75 1.62 -0.01	33.79 1.52 0.00	32.44 1.49 0.00	31.64 1.42 0.00	34.17 1.66 -0.02	40.57 1.97 0.00	42.87 2.27 0.00	41.59 2.24 0.00	42.26 2.24 0.00	43.55 2.43 0.00	50.30 2.74 -0.29	53.27 3.03 -0.47	55.85 2.93 -0.55	53.03 2.93 2.33	54.75 3.25 4.54	56.09 4.04 10.96	75.94 6.37 11.98	113.40 8.77 1.15	121.10 9.48 1.21	98.09 7.03 -2.01	66.82 4.17 0.58	55.87 3.06 0.00	45.74 1.93 0.00
BLUE_CIRC_CHEM_DRP 24182	41.65 1.52 0.00	34.45 1.32 0.00	33.66 1.39 0.00	32.29 1.33 0.00	31.49 1.27 0.00	33.86 1.36 0.00	40.11 1.51 0.00	42.10 1.50 0.00	40.69 1.34 0.00	41.29 1.28 0.00	42.40 1.27 0.00	48.83 1.56 0.00	51.45 1.40 0.00	52.79 0.52 0.00	52.95 0.52 0.00	56.82 0.78 0.00	63.96 0.95 0.00	83.02 1.47 0.00	107.89 2.12 0.00	117.22 2.37 -2.02	90.92 1.87 0.00	64.50 1.26 0.00	53.81 1.00 0.00	45.61 1.80 0.00
BOC_GAS_DRP 24189	41.29 1.16 0.00	34.15 1.03 0.00	33.34 1.07 0.00	31.98 1.02 0.00	31.22 1.00 0.00	33.60 1.10 0.00	39.88 1.27 0.00	41.97 1.38 0.00	40.73 1.38 0.00	41.41 1.40 0.00	42.56 1.44 0.00	48.93 1.65 0.00	51.70 1.65 0.00	53.89 1.62 0.00	54.05 1.63 0.00	57.83 1.79 0.00	64.97 1.95 0.00	84.24 2.69 0.00	109.05 3.28 0.00	118.35 3.61 -1.91	91.81 2.76 0.00	65.13 1.90 0.00	54.34 1.53 0.00	45.17 1.36 0.00
BOONVILLE_115KV_TB1 79983	40.33 0.20 0.00	33.16 0.03 0.00	32.27 0.00 0.00	30.92 -0.03 0.00	30.22 0.00 0.00	32.62 0.13 0.00	38.72 0.12 0.00	40.63 0.04 0.00	39.23 -0.12 0.00	39.69 -0.32 0.00	40.75 -0.37 0.00	47.26 -0.28 -0.27	50.19 -0.30 -0.44	52.67 -0.10 -0.51	52.64 -0.10 -0.32	56.09 -0.11 -0.17	63.58 0.57 0.00	83.88 1.96 -0.38	112.58 5.18 -1.62	120.30 5.98 -1.49	95.21 4.54 -1.62	65.89 2.66 0.00	54.61 1.80 0.00	45.13 1.31 0.00
BORALEX_4TH_BRANCH 23824	42.37 2.25 0.00	35.05 1.92 0.00	34.15 1.87 0.00	32.75 1.80 0.00	31.98 1.75 0.00	34.44 1.95 0.00	41.00 2.39 0.00	43.19 2.60 0.00	41.83 2.48 0.00	42.34 2.32 0.00	43.35 2.22 0.00	49.92 2.65 0.00	52.95 2.90 0.00	55.51 3.24 0.00	55.68 3.25 0.00	59.62 3.59 0.00	67.05 4.03 0.00	87.10 5.55 0.00	112.54 6.77 0.00	123.20 7.33 -3.04	95.19 6.14 0.00	67.35 4.11 0.00	56.08 3.27 0.00	46.40 2.58 0.00
BOWLINE___1 23526	42.85 2.73 0.00	35.31 2.19 0.00	34.28 2.00 0.00	32.87 1.92 0.00	32.13 1.91 0.00	34.61 2.11 -0.01	41.50 2.90 0.00	43.88 3.29 0.00	42.77 3.42 0.00	43.74 3.72 0.00	45.27 4.15 0.01	51.75 4.68 0.21	54.43 4.81 0.43	56.84 5.07 0.50	69.62 5.14 -12.06	83.31 5.60 -21.67	119.14 6.30 -49.83	147.89 8.73 -57.61	133.03 11.21 -16.06	143.54 12.08 -18.63	98.04 8.99 0.00	69.05 5.81 0.00	57.40 4.59 0.00	47.14 3.33 0.00
BOWLINE___2 23595	42.85 2.73 0.00	35.31 2.19 0.00	34.28 2.00 0.00	32.87 1.92 0.00	32.13 1.91 0.00	34.65 2.14 -0.01	41.50 2.90 0.00	43.88 3.29 0.00	42.81 3.46 0.00	43.74 3.72 0.00	45.32 4.20 0.01	51.79 4.73 0.21	54.53 4.91 0.43	56.95 5.18 0.50	69.67 5.24 -12.00	83.33 5.72 -21.57	119.04 6.43 -49.60	147.78 8.89 -57.34	133.18 11.43 -15.98	143.68 12.30 -18.55	98.22 9.17 0.00	69.18 5.94 0.00	57.51 4.70 0.00	47.19 3.37 0.00
BRADY___115KV_TB2 356060	39.48 -0.64 0.00	32.66 -0.46 0.00	31.76 -0.52 0.00	30.49 -0.46 0.00	29.77 -0.45 0.00	32.01 -0.49 0.00	37.75 -0.85 0.00	39.38 -1.22 0.00	38.01 -1.34 0.00	38.49 -1.52 0.00	39.44 -1.69 0.00	45.43 -1.84 0.00	48.20 -1.85 0.00	50.39 -1.88 0.00	50.49 -1.94 0.00	53.57 -2.47 0.00	60.62 -2.39 0.00	78.62 -2.94 0.00	102.81 -2.96 0.00	110.01 -2.82 0.00	87.00 -2.05 0.00	62.03 -1.20 0.00	51.86 -0.95 0.00	43.33 -0.48 0.00
BRANSCOMB___SOLAR 323811	42.05 1.93 0.00	34.75 1.62 0.00	33.82 1.55 0.00	32.50 1.55 0.00	31.70 1.48 0.00	34.12 1.62 0.00	40.61 2.01 0.00	42.62 2.03 0.00	41.00 1.65 0.00	41.41 1.40 0.00	42.52 1.40 0.00	49.11 1.84 0.00	51.95 1.90 0.00	54.47 2.19 0.00	54.73 2.30 0.00	58.89 2.86 0.00	66.29 3.27 0.00	86.36 4.81 0.00	112.55 6.78 0.00	124.31 7.78 -3.70	95.11 6.06 0.00	67.29 4.05 0.00	55.82 3.01 0.00	46.13 2.32 0.00
BRDGHMPT_69_KV_BK1 55812	46.68 5.94 -0.62	37.10 3.97 0.00	35.79 3.52 0.00	34.14 3.19 0.00	33.40 3.17 0.00	36.21 3.70 -0.01	44.12 5.52 0.00	45.95 5.36 0.00	43.33 3.97 -0.01	42.86 2.84 -0.01	46.18 4.07 -0.98	51.97 3.50 -1.20	56.33 3.80 -2.48	59.59 4.44 -2.88	65.33 4.93 -7.97	75.96 5.60 -14.31	119.63 7.18 -49.43	150.16 10.52 -58.09	235.11 13.43 -115.90	199.66 14.10 -72.72	124.92 10.69 -25.18	82.44 7.46 -11.74	57.25 4.44 0.00	47.62 3.81 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	45.35 4.61 -0.61	36.54 3.41 0.00	35.34 3.07 0.00	33.77 2.82 0.00	33.00 2.78 0.00	35.75 3.25 -0.01	43.23 4.63 0.00	45.63 5.03 0.00	43.88 4.53 -0.01	44.34 4.32 -0.01	47.66 5.55 -0.98	53.57 5.11 -1.20	57.78 5.26 -2.48	60.90 5.75 -2.88	66.54 6.13 -7.97	76.68 6.33 -14.31	120.07 7.62 -49.43	150.24 10.60 -58.09	235.53 13.86 -115.90	200.33 14.78 -72.72	125.36 11.13 -25.18	82.69 7.71 -11.74	58.25 5.44 0.00	48.68 4.86 0.00
BRISTLHL_115KV_TB1 79998	39.48 -0.64 0.00	32.53 -0.60 0.00	31.69 -0.58 0.00	30.40 -0.56 0.00	29.68 -0.54 0.00	31.90 -0.58 0.01	37.95 -0.66 0.00	39.90 -0.69 0.00	38.64 -0.71 0.00	39.25 -0.76 0.00	40.38 -0.74 0.00	48.52 -0.85 -2.09	52.55 -0.90 -3.41	55.26 -0.94 -3.93	54.05 -0.84 -2.46	56.56 -0.78 -1.30	62.19 -0.82 0.00	83.65 -0.82 -2.91	117.70 -0.63 -12.56	123.47 -0.90 -11.54	100.99 -0.62 -12.56	64.86 -0.89 -2.51	51.97 -0.84 0.00	43.07 -0.74 0.00
BROOKHAVEN___DRP 24191	46.72 5.98 -0.62	37.20 4.07 0.00	35.89 3.61 0.00	34.27 3.31 0.00	33.52 3.29 0.00	36.34 3.83 -0.01	44.32 5.71 0.00	46.24 5.64 0.00	43.49 4.13 -0.01	43.10 3.08 -0.01	46.38 4.28 -0.98	52.15 3.69 -1.20	56.48 3.95 -2.48	59.75 4.60 -2.88	65.43 5.03 -7.97	75.96 5.60 -14.31	119.56 7.12 -49.43	150.08 10.44 -58.09	235.42 13.75 -115.90	200.11 14.56 -72.72	125.27 11.04 -25.18	82.63 7.65 -11.74	57.62 4.81 0.00	47.97 4.16 0.00
BROOKLYN_NAVY_YARD 23515	43.29 3.17 0.00	35.68 2.55 0.00	34.60 2.33 0.00	33.21 2.26 0.00	32.49 2.27 0.00	35.04 2.54 -0.01	42.08 3.48 0.00	44.61 4.02 0.00	43.61 4.25 -0.01	44.63 4.60 -0.01	46.01 4.85 -0.04	54.25 5.53 -1.45	58.81 5.75 -3.01	61.92 6.01 -3.64	66.61 6.18 -8.00	77.13 6.72 -14.37	104.55 7.18 -34.36	142.76 9.78 -51.42	141.99 12.58 -23.64	156.26 13.53 -29.90	99.40 9.88 -0.46	70.19 6.96 0.00	58.73 5.91 -0.01	47.93 4.12 0.00
BROOKLYN___ARMY_DRP 323595	43.58 3.45 -0.01	35.85 2.72 -0.01	34.86 2.58 -0.01	33.44 2.48 -0.01	32.68 2.45 -0.01	35.21 2.70 -0.01	42.28 3.67 -0.01	44.66 4.06 -0.01	43.81 4.45 -0.02	44.92 4.88 -0.02	46.39 5.22 -0.05	54.89 6.10 -1.52	59.69 6.51 -3.14	62.61 6.69 -3.65	66.77 6.34 -8.00	77.11 6.72 -14.35	105.82 7.56 -35.24	143.32 10.36 -51.41	142.53 13.12 -23.64	157.06 14.33 -29.90	99.85 10.33 -0.47	70.14 6.89 -0.01	58.79 5.97 -0.01	48.24 4.43 -0.01
BROOME_2_LFGE 323671	40.57 0.44 0.00	33.31 0.17 -0.02	32.44 0.16 0.00	31.08 0.12 0.00	30.34 0.12 0.00	32.68 0.13 -0.06	39.18 0.58 0.00	41.41 0.81 0.00	40.18 0.83 0.00	40.98 0.96 0.00	42.20 1.07 0.00	48.83 1.13 -0.43	51.99 1.25 -0.69	54.38 1.31 -0.80	54.29 1.36 -0.50	58.06 1.63 -0.40	64.91 1.76 -0.13	85.23 2.61 -1.07	113.12 3.80 -3.54	119.98 3.72 -3.44	94.99 3.03 -2.92	63.95 1.52 0.80	54.08 1.27 0.00	44.34 0.53 0.00
BROOME___LFGE 323600	40.57 0.44 0.00	33.31 0.17 -0.02	32.44 0.16 0.00	31.08 0.12 0.00	30.34 0.12 0.00	32.68 0.13 -0.06	39.18 0.58 0.00	41.41 0.81 0.00	40.18 0.83 0.00	40.98 0.96 0.00	42.20 1.07 0.00	48.83 1.13 -0.43	51.99 1.25 -0.69	54.38 1.31 -0.80	54.29 1.36 -0.50	58.06 1.63 -0.40	64.91 1.76 -0.13	85.23 2.61 -1.07	113.12 3.80 -3.54	119.98 3.72 -3.44	94.99 3.03 -2.92	63.95 1.52 0.80	54.08 1.27 0.00	44.34 0.53 0.00
BROWNFLS_115KV_TB_3_5 80003	38.64 -1.48 0.00	31.87 -1.26 0.00	30.98 -1.29 0.00	29.65 -1.30 0.00	28.98 -1.24 0.00	31.26 -1.23 0.00	36.87 -1.74 0.00	38.40 -2.19 0.00	37.03 -2.32 0.00	37.37 -2.64 0.00	38.33 -2.80 0.00	44.44 -3.12 -0.28	47.26 -3.25 -0.46	49.56 -3.24 -0.53	49.46 -3.30 -0.33	52.51 -3.70 -0.18	59.55 -3.47 0.00	78.44 -3.51 -0.39	105.78 -1.69 -1.70	113.15 -1.24 -1.56	89.68 -1.07 -1.70	62.22 -1.01 0.00	51.70 -1.11 0.00	43.15 -0.66 0.00
BROWNSV1_27_KV_LOAD 356125	43.66 3.53 0.00	35.88 2.75 0.00	34.86 2.58 0.00	33.40 2.45 0.00	32.64 2.42 0.00	35.20 2.70 -0.01	42.35 3.74 0.00	44.82 4.22 0.00	44.00 4.64 -0.01	45.11 5.08 -0.01	46.55 5.39 -0.04	54.98 6.19 -1.51	59.79 6.61 -3.13	62.76 6.85 -3.64	67.25 6.82 -8.00	77.74 7.34 -14.36	106.40 8.13 -35.26	144.07 11.09 -51.42	143.69 14.28 -23.64	158.18 15.46 -29.90	100.82 11.31 -0.46	70.82 7.59 0.00	59.09 6.28 0.00	48.32 4.51 0.00
BURROWS___LYONSDAL 23803	40.00 -0.12 0.00	32.86 -0.26 0.00	31.98 -0.29 0.00	30.64 -0.31 0.00	29.92 -0.30 0.00	32.33 -0.16 0.00	38.33 -0.27 0.00	40.19 -0.41 0.00	38.80 -0.55 0.00	39.21 -0.80 0.00	40.22 -0.90 0.00	46.67 -0.90 -0.30	49.58 -0.95 -0.48	52.10 -0.73 -0.56	51.99 -0.79 -0.35	55.38 -0.84 -0.19	62.82 -0.19 0.00	83.03 1.06 -0.41	112.21 4.65 -1.79	120.00 5.53 -1.64	95.02 4.19 -1.79	65.64 2.40 0.00	54.34 1.53 0.00	44.95 1.14 0.00
CAITHNESS_CC_1 323624	45.39 4.65 -0.61	36.57 3.44 0.00	35.31 3.03 0.00	33.77 2.82 0.00	33.03 2.81 0.00	35.75 3.25 -0.01	43.00 4.40 0.00	45.58 4.99 0.00	43.76 4.41 -0.01	43.74 3.72 -0.01	47.29 5.18 -0.98	53.34 4.87 -1.20	56.98 4.45 -2.48	60.48 5.33 -2.88	66.07 5.66 -7.97	76.36 6.00 -14.32	119.75 7.31 -49.43	149.92 10.28 -58.09	235.11 13.43 -115.90	199.89 14.33 -72.72	125.00 10.77 -25.18	82.12 7.14 -11.74	57.84 5.02 -0.01	48.19 4.38 0.00
CALPINE BETH_PAGE_GT4 24209	44.78 4.05 -0.61	36.21 3.08 0.00	35.05 2.78 0.00	33.52 2.57 0.00	32.76 2.54 0.00	35.43 2.92 -0.01	42.77 4.17 0.00	45.18 4.59 0.00	43.65 4.29 -0.01	44.38 4.36 -0.01	47.62 5.51 -0.98	53.81 5.34 -1.20	58.03 5.51 -2.48	60.95 5.80 -2.88	66.54 6.13 -7.97	76.91 6.56 -14.31	120.38 7.94 -49.43	150.57 10.93 -58.09	235.85 14.17 -115.90	200.67 15.12 -72.72	125.54 11.31 -25.18	82.63 7.65 -11.74	58.36 5.55 0.00	48.50 4.69 0.00
CALPINE_BETH_PAGE_GT_4 323586	44.82 4.09 -0.61	36.27 3.15 0.00	35.05 2.78 0.00	33.55 2.60 0.00	32.82 2.60 0.00	35.49 2.99 -0.01	42.65 4.05 0.00	45.22 4.63 0.00	43.72 4.37 -0.01	44.14 4.12 -0.01	47.57 5.47 -0.98	53.90 5.43 -1.20	57.68 5.16 -2.48	60.90 5.75 -2.88	66.53 6.13 -7.97	76.91 6.55 -14.32	120.38 7.94 -49.43	150.57 10.93 -58.09	235.85 14.18 -115.90	200.68 15.12 -72.72	125.63 11.40 -25.18	82.63 7.65 -11.74	58.36 5.54 -0.01	48.24 4.42 0.00
CALPINE_BP_GT1 23823	44.82 4.09 -0.61	36.27 3.15 0.00	35.05 2.78 0.00	33.55 2.60 0.00	32.82 2.60 0.00	35.49 2.99 -0.01	42.65 4.05 0.00	45.22 4.63 0.00	43.72 4.37 -0.01	44.14 4.12 -0.01	47.57 5.47 -0.98	53.90 5.43 -1.20	57.68 5.16 -2.48	60.90 5.75 -2.88	66.53 6.13 -7.97	76.91 6.55 -14.32	120.38 7.94 -49.43	150.57 10.93 -58.09	235.85 14.18 -115.90	200.68 15.12 -72.72	125.63 11.40 -25.18	82.63 7.65 -11.74	58.36 5.54 -0.01	48.24 4.42 0.00
CALSPAN___DRP 24200	37.84 -2.29 0.00	30.40 -2.72 0.01	29.79 -2.49 0.00	28.60 -2.35 0.00	27.83 -2.39 0.00	29.67 -2.79 0.03	28.17 -2.66 7.77	29.17 -1.95 9.48	28.02 -2.09 9.25	29.16 -1.52 9.33	30.14 -1.36 9.63	34.00 -2.17 11.10	35.49 -2.75 11.80	37.12 -2.82 12.33	37.82 -2.41 12.19	42.58 -2.52 10.94	46.99 -3.40 12.62	57.73 -4.32 19.50	71.43 -5.29 29.05	85.24 -6.09 21.50	73.46 -4.63 10.96	51.63 -4.17 7.43	46.54 -2.80 3.47	40.61 -3.20 0.00

CALVERTON___SOLAR 323806	46.76 6.02 -0.61	37.27 4.14 0.00	35.89 3.61 0.00	34.33 3.37 0.00	33.58 3.35 0.00	36.40 3.90 -0.01	43.85 5.25 0.00	46.28 5.68 0.00	43.53 4.17 -0.01	42.82 2.80 -0.01	46.34 4.24 -0.98	52.29 3.83 -1.20	56.08 3.55 -2.48	59.70 4.55 -2.88	65.38 4.98 -7.97	75.96 5.60 -14.32	119.56 7.12 -49.43	150.17 10.52 -58.09	235.42 13.74 -115.90	200.11 14.56 -72.72	125.36 11.13 -25.18	82.37 7.40 -11.74	57.62 4.81 -0.01	47.76 3.94 0.00
CANDIGU_WT_PWR 323617	38.72 -1.41 0.00	31.49 -1.62 0.01	30.85 -1.42 0.00	29.50 -1.45 0.00	28.77 -1.45 0.00	30.83 -1.62 0.04	4.83 -1.31 32.46	0.00 -0.97 39.62	-0.23 -0.90 38.67	0.03 -0.96 39.03	0.00 -0.87 40.26	-0.02 -1.13 46.15	0.00 -1.10 48.95	0.00 -1.20 51.07	0.00 -1.73 50.70	0.00 -1.57 54.47	0.00 -1.89 61.12	0.00 -1.87 79.68	0.00 -1.80 103.97	6.35 -2.48 104.00	33.62 -1.78 53.65	37.76 -2.15 23.33	34.76 -1.32 16.73	41.97 -1.84 0.00
CARR STREET_E_SYR 24060	39.96 -0.16 0.00	32.89 -0.23 0.00	32.08 -0.19 0.00	30.74 -0.22 0.00	30.01 -0.21 0.00	32.26 -0.23 0.01	38.41 -0.19 0.00	40.43 -0.16 0.00	39.19 -0.16 0.00	39.89 -0.12 0.00	41.00 -0.12 0.00	47.74 -0.14 -0.61	50.99 -0.05 -0.99	53.36 -0.05 -1.14	53.14 0.00 -0.72	56.53 0.11 -0.38	63.20 0.19 0.00	82.89 0.49 -0.84	110.25 0.84 -3.64	116.85 0.68 -3.34	93.31 0.63 -3.64	61.80 -0.06 1.38	52.70 -0.11 0.00	43.59 -0.22 0.00
CARTHAGE___PAPER 23857	39.44 -0.68 0.00	32.43 -0.70 0.00	31.53 -0.74 0.00	30.21 -0.74 0.00	29.47 -0.75 0.00	31.88 -0.62 0.00	37.72 -0.89 0.00	39.41 -1.18 0.00	37.90 -1.46 0.00	38.17 -1.84 0.00	39.15 -1.97 0.00	45.65 -2.17 -0.55	48.59 -2.35 -0.89	51.00 -2.30 -1.03	50.82 -2.25 -0.65	54.03 -2.35 -0.34	61.31 -1.70 0.00	81.91 -0.41 -0.76	112.35 3.28 -3.29	120.48 4.63 -3.03	95.73 3.38 -3.29	65.00 1.77 0.00	53.65 0.84 0.00	44.51 0.70 0.00
CASSADAGA_WT_PWR 323784	37.56 -2.57 0.00	30.33 -2.78 0.01	29.92 -2.35 0.00	28.54 -2.41 0.00	27.90 -2.33 0.00	29.99 -2.47 0.03	29.33 -2.16 7.11	30.25 -1.67 8.67	29.51 -1.38 8.46	30.16 -1.32 8.54	31.00 -1.32 8.81	35.04 -2.08 10.15	37.15 -2.10 10.80	38.75 -2.25 11.28	38.81 -2.46 11.16	43.53 -2.52 9.98	48.10 -3.34 11.57	59.69 -3.99 17.87	74.32 -4.86 26.59	90.12 -3.04 19.66	74.99 -4.09 9.96	52.47 -3.86 6.90	46.86 -2.75 3.20	40.31 -3.51 0.00
CE_DUNWOOD___DRP 24194	43.05 2.93 0.00	35.44 2.32 0.00	34.44 2.16 0.00	33.00 2.04 0.00	32.25 2.02 0.00	34.78 2.27 -0.01	41.73 3.13 0.00	44.08 3.49 0.00	43.17 3.82 0.00	44.17 4.16 0.00	45.64 4.52 0.01	52.10 5.15 0.32	54.89 5.51 0.66	57.20 5.70 0.77	66.39 5.66 -8.30	77.07 6.11 -14.93	104.20 6.87 -34.32	130.69 9.46 -39.68	129.10 12.27 -11.06	139.18 13.20 -13.15	98.84 9.80 0.00	69.62 6.39 0.00	57.83 5.02 0.00	47.54 3.72 0.00
CE_MILLWOOD___DRP 24193	42.97 2.85 0.00	35.35 2.22 0.00	34.40 2.13 0.00	32.97 2.01 0.00	32.19 1.96 0.00	34.71 2.21 -0.01	41.65 3.05 0.00	44.00 3.41 0.00	43.05 3.70 0.00	44.05 4.04 0.00	45.52 4.40 0.01	51.98 4.96 0.26	54.82 5.31 0.53	57.14 5.49 0.62	66.75 5.50 -8.82	77.83 5.94 -15.86	106.14 6.68 -36.45	132.91 9.22 -42.14	129.47 11.95 -11.74	139.59 12.86 -13.90	98.58 9.53 0.00	69.43 6.20 0.00	57.67 4.86 0.00	47.40 3.59 0.00
CE_NYC2_DRP 24202	43.33 3.21 0.00	35.68 2.55 0.00	34.66 2.39 0.00	33.24 2.29 0.00	32.49 2.27 0.00	35.00 2.50 -0.01	42.04 3.44 0.00	44.41 3.82 0.00	43.57 4.21 -0.01	44.71 4.68 -0.01	46.14 4.98 -0.04	54.61 5.81 -1.52	59.21 6.16 -3.01	62.10 6.32 -3.50	66.51 6.08 -8.00	76.72 6.33 -14.35	102.16 7.12 -32.02	123.73 9.79 -32.40	117.97 12.38 0.18	128.45 13.43 -2.19	98.64 9.80 0.20	69.69 6.45 0.00	58.41 5.60 0.00	47.97 4.16 0.00
CE_NYC_DRP 24195	43.37 3.25 0.00	35.68 2.55 0.00	34.66 2.39 0.00	33.21 2.26 0.00	32.46 2.24 0.00	35.00 2.50 -0.01	42.11 3.51 0.00	44.49 3.90 0.00	43.69 4.33 -0.01	44.79 4.76 -0.01	46.22 5.06 -0.04	54.61 5.81 -1.52	59.41 6.21 -3.15	62.31 6.38 -3.67	66.83 6.40 -8.00	77.29 6.89 -14.36	106.55 7.56 -35.98	147.57 10.36 -55.66	146.79 13.22 -27.79	162.44 14.22 -35.39	99.99 10.33 -0.61	70.19 6.96 0.00	58.57 5.76 0.00	47.97 4.16 0.00
CHAFFEE___LFGE 323603	37.80 -2.33 0.00	30.46 -2.65 0.01	30.01 -2.26 0.00	28.60 -2.35 0.00	27.80 -2.42 0.00	29.74 -2.73 0.03	29.01 -2.36 7.24	29.81 -1.95 8.83	29.24 -1.50 8.62	30.00 -1.32 8.70	30.83 -1.32 8.98	34.95 -1.98 10.34	37.14 -1.90 11.00	38.74 -2.04 11.49	38.86 -2.20 11.36	43.66 -2.30 10.08	48.20 -3.21 11.61	59.68 -3.91 17.96	74.03 -4.97 26.77	87.74 -4.96 20.12	74.90 -3.92 10.23	52.75 -3.48 7.01	47.43 -2.22 3.17	41.01 -2.80 0.00
CHATEAUG_35_KV_LOAD 355732	38.84 -1.28 0.00	32.20 -0.93 0.00	31.34 -0.94 0.00	30.06 -0.90 0.00	29.38 -0.85 0.00	31.55 -0.94 0.00	37.37 -1.24 0.00	39.17 -1.42 0.00	37.97 -1.38 0.00	38.49 -1.52 0.00	39.44 -1.69 0.00	45.38 -1.89 0.00	48.10 -1.95 0.00	50.28 -1.99 0.00	50.38 -2.04 0.00	53.35 -2.69 0.00	59.86 -3.15 0.00	77.15 -4.40 0.00	100.17 -5.61 0.00	106.85 -5.98 0.00	84.42 -4.63 0.00	60.39 -2.85 0.00	50.86 -1.95 0.00	42.41 -1.40 0.00
CHATEAUG_WT_PWR 323614	38.88 -1.24 0.00	32.20 -0.93 0.00	31.37 -0.90 0.00	30.09 -0.87 0.00	29.41 -0.81 0.00	31.58 -0.91 0.00	37.45 -1.16 0.00	39.29 -1.30 0.00	38.17 -1.18 0.00	38.73 -1.28 0.00	39.68 -1.44 0.00	45.66 -1.61 0.00	48.40 -1.65 0.00	50.55 -1.72 0.00	50.70 -1.73 0.00	53.57 -2.46 0.00	59.86 -3.15 0.00	77.07 -4.49 0.00	100.06 -5.71 0.00	106.62 -6.21 0.00	84.24 -4.81 0.00	60.14 -3.10 0.00	50.70 -2.11 0.00	42.50 -1.31 0.00
CHAT_HIGH_FALL_HYD 323578	38.84 -1.28 0.00	32.20 -0.93 0.00	31.34 -0.94 0.00	30.06 -0.90 0.00	29.38 -0.85 0.00	31.55 -0.94 0.00	37.37 -1.24 0.00	39.17 -1.42 0.00	37.97 -1.38 0.00	38.49 -1.52 0.00	39.44 -1.69 0.00	45.38 -1.89 0.00	48.10 -1.95 0.00	50.28 -1.99 0.00	50.38 -2.04 0.00	53.35 -2.69 0.00	59.86 -3.15 0.00	77.15 -4.40 0.00	100.17 -5.61 0.00	106.85 -5.98 0.00	84.42 -4.63 0.00	60.39 -2.85 0.00	50.86 -1.95 0.00	42.41 -1.40 0.00
CHAUTAUQUA___LFGE 323629	37.96 -2.17 0.00	30.63 -2.48 0.01	30.18 -2.10 0.00	28.76 -2.20 0.00	28.02 -2.20 0.00	30.03 -2.44 0.03	28.83 -2.28 7.49	29.62 -1.83 9.14	28.93 -1.50 8.92	29.69 -1.32 9.00	30.56 -1.28 9.29	34.58 -1.98 10.71	36.71 -1.95 11.39	38.29 -2.09 11.89	38.47 -2.20 11.76	43.21 -2.24 10.58	47.70 -3.02 12.29	59.09 -3.50 18.96	73.33 -4.23 28.21	88.12 -4.06 20.65	74.83 -3.74 10.48	52.50 -3.54 7.20	46.91 -2.48 3.42	40.88 -2.93 0.00
CHERRYST_13_KV_LD 356241	43.50 3.37 0.00	35.78 2.65 0.00	34.76 2.49 0.00	33.31 2.35 0.00	32.55 2.33 0.00	35.10 2.60 -0.01	42.27 3.67 0.00	44.69 4.10 0.00	43.84 4.49 -0.01	44.99 4.96 -0.01	46.43 5.26 -0.04	54.89 6.10 -1.52	59.71 6.51 -3.15	62.63 6.69 -3.67	67.09 6.66 -8.00	77.63 7.23 -14.36	106.99 8.00 -35.98	148.06 10.85 -55.66	147.32 13.75 -27.79	163.00 14.78 -35.39	100.43 10.77 -0.61	70.51 7.27 0.00	58.83 6.02 0.00	48.15 4.34 0.00

CHESTROR_138KV_BK263 355645	42.57 2.45 0.00	35.05 1.92 0.00	34.08 1.81 0.00	32.69 1.73 0.00	31.88 1.66 0.00	34.39 1.88 -0.01	41.23 2.62 0.00	43.52 2.92 0.00	42.46 3.11 0.00	43.41 3.40 0.00	44.82 3.70 0.00	51.30 4.16 0.13	54.27 4.50 0.28	56.55 4.60 0.32	130.81 4.67 -73.71	193.65 5.10 -132.51	373.45 5.80 -304.64	441.76 8.07 -352.14	214.40 10.47 -98.15	233.07 11.28 -108.96	97.42 8.37 0.00	68.61 5.38 0.00	56.98 4.17 0.00	46.88 3.07 0.00
CH_MIDHUDSON___DRP 24192	42.97 2.85 0.00	35.38 2.25 0.00	34.40 2.13 0.00	32.97 2.01 0.00	32.19 1.96 0.00	34.71 2.21 -0.01	41.54 2.93 0.00	43.88 3.29 0.00	42.81 3.46 0.00	43.74 3.72 0.00	45.16 4.03 0.00	51.89 4.59 -0.04	55.08 4.95 -0.08	57.48 5.12 -0.09	59.76 5.24 -2.09	65.46 5.66 -3.76	78.21 6.55 -8.64	100.61 9.05 -10.00	120.19 11.63 -2.79	129.46 12.52 -4.10	98.40 9.35 0.00	69.37 6.13 0.00	57.51 4.70 0.00	47.27 3.46 0.00
CH_MISC_IPPS 23765	43.50 3.37 0.00	35.81 2.68 0.00	34.76 2.49 0.00	33.34 2.38 0.00	32.52 2.30 0.00	35.07 2.57 -0.01	42.00 3.40 0.00	44.37 3.78 0.00	43.17 3.82 0.00	44.02 4.00 0.00	45.57 4.44 0.00	52.42 5.11 -0.05	55.55 5.41 -0.09	58.13 5.75 -0.11	58.46 6.03 0.00	62.59 6.55 0.00	70.70 7.68 0.00	92.32 10.76 0.00	119.84 14.07 0.00	128.98 15.12 -1.03	100.45 11.40 0.00	70.63 7.40 0.00	58.46 5.65 0.00	47.84 4.03 0.00
CH_RES_BVR_FALLS 23983	39.72 -0.40 0.00	32.83 -0.30 0.00	31.98 -0.29 0.00	30.67 -0.28 0.00	29.95 -0.27 0.00	32.20 -0.29 0.00	38.22 -0.39 0.00	40.15 -0.45 0.00	38.92 -0.43 0.00	39.58 -0.44 0.00	40.67 -0.45 0.00	46.75 -0.52 0.00	49.50 -0.55 0.00	51.70 -0.57 0.00	51.85 -0.58 0.00	55.31 -0.73 0.00	62.19 -0.82 0.00	80.41 -1.14 0.00	104.29 -1.48 0.00	111.25 -1.58 0.00	87.80 -1.25 0.00	62.41 -0.82 0.00	52.18 -0.63 0.00	43.37 -0.44 0.00
CH_RES_NIAGARA 23895	37.18 -2.93 0.02	29.88 -3.21 0.03	29.29 -2.97 0.02	28.15 -2.79 0.02	27.39 -2.81 0.02	29.10 -3.35 0.04	28.76 -3.86 5.99	30.04 -3.25 7.31	28.79 -3.42 7.13	30.06 -2.76 7.20	31.10 -2.59 7.44	35.07 -3.64 8.56	36.54 -4.40 9.10	38.22 -4.55 9.51	38.88 -4.14 9.40	40.34 -4.54 11.16	44.66 -5.61 12.75	55.03 -7.10 19.42	68.16 -8.99 28.62	78.56 -9.93 24.34	68.28 -7.57 13.20	49.91 -6.26 7.06	44.82 -4.65 3.34	39.94 -3.86 0.02
CH_RES_SYRACUSE 23985	40.25 0.12 0.00	33.12 0.00 0.00	32.27 0.00 0.00	30.92 -0.03 0.00	30.19 -0.03 0.00	32.45 -0.03 0.01	38.68 0.08 0.00	40.63 0.04 0.00	39.39 0.04 0.00	40.13 0.12 0.00	41.25 0.12 0.00	48.51 0.09 -1.14	52.16 0.25 -1.86	54.68 0.26 -2.14	54.09 0.32 -1.34	57.25 0.50 -0.71	63.64 0.63 0.00	84.27 1.14 -1.57	114.36 1.80 -6.79	120.77 1.69 -6.24	97.18 1.34 -6.79	63.68 0.45 0.00	53.13 0.32 0.00	43.90 0.09 0.00
CLINTON_WT_PWR 323605	38.88 -1.24 0.00	32.20 -0.93 0.00	31.37 -0.90 0.00	30.09 -0.87 0.00	29.41 -0.81 0.00	31.58 -0.91 0.00	37.45 -1.16 0.00	39.29 -1.30 0.00	38.17 -1.18 0.00	38.73 -1.28 0.00	39.68 -1.44 0.00	45.66 -1.61 0.00	48.40 -1.65 0.00	50.55 -1.72 0.00	50.70 -1.73 0.00	53.57 -2.46 0.00	59.86 -3.15 0.00	77.07 -4.49 0.00	100.06 -5.71 0.00	106.62 -6.21 0.00	84.24 -4.81 0.00	60.14 -3.10 0.00	50.70 -2.11 0.00	42.50 -1.31 0.00
CLINTON___LFGE 323618	39.32 -0.80 0.00	32.59 -0.53 0.00	31.69 -0.58 0.00	30.40 -0.56 0.00	29.74 -0.48 0.00	31.94 -0.55 0.00	37.83 -0.77 0.00	39.70 -0.89 0.00	38.88 -0.47 0.00	39.45 -0.56 0.00	40.39 -0.74 0.00	46.47 -0.80 0.00	49.30 -0.75 0.00	51.54 -0.73 0.00	51.75 -0.68 0.00	54.19 -1.85 0.00	59.99 -3.02 0.00	77.15 -4.41 0.00	100.27 -5.50 0.00	106.85 -5.98 0.00	84.51 -4.54 0.00	60.39 -2.84 0.00	51.44 -1.37 0.00	43.46 -0.35 0.00
COBBLENY_34_KV_TB1 80064	37.76 -2.37 0.00	30.37 -2.75 0.01	29.76 -2.52 0.00	28.57 -2.38 0.00	27.80 -2.42 0.00	29.67 -2.79 0.03	28.97 -2.39 7.24	30.05 -1.70 8.83	28.88 -1.85 8.62	30.00 -1.32 8.70	30.96 -1.19 8.98	34.94 -1.99 10.34	36.49 -2.55 11.00	38.17 -2.61 11.49	38.86 -2.20 11.36	43.72 -2.24 10.08	48.19 -3.21 11.61	59.51 -4.08 17.96	74.03 -4.97 26.77	87.74 -4.96 20.12	75.08 -3.74 10.23	52.69 -3.54 7.01	47.32 -2.32 3.17	40.83 -2.98 0.00
COFFEEN___115KV_TB3 355620	40.08 -0.04 0.00	32.89 -0.23 0.00	31.95 -0.32 0.00	30.64 -0.31 0.00	29.92 -0.30 0.00	32.36 -0.13 0.00	38.33 -0.27 0.00	40.11 -0.49 0.00	38.48 -0.87 0.00	38.73 -1.28 0.00	39.81 -1.32 0.00	46.50 -1.42 -0.65	49.55 -1.55 -1.06	52.13 -1.36 -1.22	51.78 -1.42 -0.76	55.10 -1.34 -0.40	62.57 -0.44 0.00	84.00 1.55 -0.90	115.17 5.50 -3.90	123.52 7.11 -3.58	98.29 5.34 -3.90	66.14 2.91 0.00	54.45 1.64 0.00	45.04 1.23 0.00
COLDSPRG_115KV_BK1 355956	38.48 -1.65 0.00	31.00 -2.12 0.01	30.37 -1.90 0.00	29.13 -1.83 0.00	28.41 -1.81 0.00	30.51 -1.95 0.03	31.29 -0.81 6.50	32.66 0.00 7.93	31.42 -0.20 7.73	32.45 0.24 7.80	33.52 0.45 8.05	37.90 -0.09 9.28	39.67 -0.50 9.87	41.54 -0.42 10.31	42.23 0.00 10.20	47.22 0.22 9.04	52.07 -0.50 10.44	64.92 -0.49 16.14	81.52 -0.21 24.04	94.95 0.23 18.10	79.46 -0.45 9.14	55.60 -1.20 6.44	49.43 -0.53 2.85	41.40 -2.41 0.00
COLONIE_LFGE___ 323577	41.85 1.72 0.00	34.58 1.46 0.00	33.69 1.42 0.00	32.35 1.39 0.00	31.58 1.36 0.00	33.99 1.50 0.00	40.42 1.81 0.00	42.54 1.95 0.00	41.12 1.77 0.00	41.66 1.64 0.00	42.77 1.65 0.00	49.30 2.03 0.00	52.15 2.10 0.00	54.62 2.35 0.00	54.84 2.41 0.00	58.84 2.80 0.00	66.16 3.15 0.00	85.95 4.40 0.00	111.37 5.60 0.00	122.38 6.20 -3.35	94.03 4.98 0.00	66.52 3.29 0.00	55.40 2.59 0.00	45.79 1.97 0.00
COOPERNY_115KV_TB1 80082	42.29 2.17 0.00	34.85 1.72 0.00	33.89 1.61 0.00	32.47 1.52 0.00	31.73 1.51 0.00	34.19 1.69 -0.01	40.92 2.32 0.00	43.19 2.60 0.00	42.14 2.79 0.00	43.10 3.08 0.00	44.45 3.33 0.00	50.95 3.73 0.06	53.93 4.00 0.12	56.26 4.13 0.14	49.86 4.14 6.71	48.52 4.54 12.06	40.40 5.10 27.72	56.71 7.18 32.02	106.04 9.20 8.93	113.88 10.04 8.99	96.53 7.48 0.00	68.04 4.81 0.00	56.51 3.70 0.00	46.53 2.72 0.00
COPENHAGEN_WT_PWR 323753	39.93 -0.20 0.00	32.76 -0.36 0.00	31.85 -0.42 0.00	30.58 -0.37 0.00	29.83 -0.39 0.00	32.23 -0.26 0.00	38.14 -0.46 0.00	39.90 -0.69 0.00	38.37 -0.98 0.00	38.69 -1.32 0.00	39.73 -1.40 0.00	46.44 -1.51 -0.68	49.55 -1.60 -1.11	52.03 -1.52 -1.28	51.76 -1.47 -0.80	55.00 -1.46 -0.42	62.32 -0.69 0.00	83.48 0.98 -0.94	114.19 4.34 -4.08	122.22 5.64 -3.75	97.31 4.19 -4.08	65.45 2.21 0.00	54.03 1.22 0.00	44.73 0.92 0.00
CORNELL_____ 23752	41.01 0.88 0.00	33.61 0.50 0.01	32.76 0.48 0.00	31.42 0.46 0.00	30.68 0.45 0.00	32.96 0.49 0.02	41.85 0.93 -2.32	44.84 1.42 -2.83	43.55 1.18 -3.02	44.19 1.12 -3.05	45.38 1.11 -3.15	52.59 1.13 -4.19	56.02 1.20 -4.77	58.66 1.31 -5.08	58.59 1.52 -4.64	62.36 1.51 -4.81	69.95 1.95 -4.99	92.21 3.26 -7.40	123.87 5.18 -12.92	130.14 5.30 -12.00	101.36 4.36 -7.95	66.21 2.28 -0.70	55.81 1.80 -1.20	44.82 1.01 0.00

CORONA__69_KV_TB1 355595	44.46 3.73 -0.61	35.97 2.85 0.00	34.89 2.61 0.00	33.37 2.41 0.00	32.61 2.39 0.00	35.23 2.73 -0.01	42.46 3.86 0.00	44.86 4.26 0.00	43.49 4.13 -0.01	44.30 4.28 -0.01	47.41 5.31 -0.98	53.90 5.44 -1.20	58.23 5.71 -2.48	61.27 6.12 -2.88	66.80 6.40 -7.97	77.19 6.84 -14.31	120.63 8.19 -49.43	150.82 11.17 -58.09	236.06 14.39 -115.90	201.12 15.57 -72.72	125.90 11.67 -25.18	82.63 7.65 -11.74	58.30 5.49 0.00	48.24 4.43 0.00
CORTLAND__115KV_TB3 80093	40.69 0.56 0.00	33.42 0.30 0.00	32.56 0.29 0.00	31.23 0.28 0.00	30.49 0.27 0.00	32.78 0.29 0.01	39.22 0.62 0.00	41.45 0.85 0.00	41.07 0.75 -0.97	41.75 0.76 -0.98	42.92 0.78 -1.01	49.86 0.80 -1.78	53.20 0.90 -2.25	55.67 0.94 -2.46	55.54 1.10 -2.01	59.06 1.23 -1.79	66.15 1.58 -1.56	85.10 2.53 -1.02	113.84 3.91 -4.16	120.52 3.95 -3.74	96.10 3.21 -3.84	64.12 1.64 0.76	54.08 1.27 0.00	44.51 0.70 0.00
COXSACKIE__GT 23611	43.02 2.89 0.00	35.48 2.35 0.00	34.63 2.35 0.00	33.24 2.29 0.00	32.34 2.11 0.00	34.84 2.34 0.00	41.34 2.74 0.00	43.39 2.80 0.00	41.55 2.20 0.00	41.86 1.84 0.00	42.89 1.77 0.00	49.30 2.03 0.00	52.15 2.10 0.00	54.10 1.83 0.00	54.42 1.99 0.00	58.67 2.63 0.00	66.86 3.84 0.00	87.99 6.44 0.00	115.08 9.31 0.00	124.50 9.70 -1.96	97.07 8.02 0.00	68.48 5.25 0.00	56.56 3.75 0.00	47.10 3.29 0.00
CPV_VALLEY__CC1 323721	42.29 2.17 0.00	34.88 1.75 0.00	33.89 1.61 0.00	32.50 1.55 0.00	31.76 1.54 0.00	34.22 1.72 -0.01	40.96 2.36 0.00	43.23 2.64 0.00	42.10 2.75 0.00	43.02 3.00 0.00	44.50 3.37 0.00	51.02 3.83 0.08	53.83 3.95 0.17	56.20 4.13 0.20	50.61 4.20 6.01	49.83 4.60 10.80	43.40 5.23 24.84	60.11 7.26 28.70	107.08 9.31 8.00	114.97 10.04 7.90	96.53 7.48 0.00	68.04 4.80 0.00	56.61 3.80 0.00	46.48 2.67 0.00
CPV_VALLEY__CC2 323722	42.29 2.17 0.00	34.88 1.75 0.00	33.89 1.61 0.00	32.50 1.55 0.00	31.76 1.54 0.00	34.22 1.72 -0.01	40.96 2.36 0.00	43.23 2.64 0.00	42.10 2.75 0.00	43.02 3.00 0.00	44.50 3.37 0.00	51.02 3.83 0.08	53.83 3.95 0.17	56.20 4.13 0.20	50.61 4.20 6.01	49.83 4.60 10.80	43.40 5.23 24.84	60.11 7.26 28.70	107.08 9.31 8.00	114.97 10.04 7.90	96.53 7.48 0.00	68.04 4.80 0.00	56.61 3.80 0.00	46.48 2.67 0.00
CRESCENT__HYD 24018	41.85 1.72 0.00	34.58 1.46 0.00	33.69 1.42 0.00	32.35 1.39 0.00	31.58 1.36 0.00	33.99 1.50 0.00	40.42 1.81 0.00	42.54 1.95 0.00	41.12 1.77 0.00	41.66 1.64 0.00	42.77 1.65 0.00	49.30 2.03 0.00	52.15 2.10 0.00	54.62 2.35 0.00	54.84 2.41 0.00	58.84 2.80 0.00	66.16 3.15 0.00	85.95 4.40 0.00	111.37 5.60 0.00	122.38 6.20 -3.35	94.03 4.98 0.00	66.52 3.29 0.00	55.40 2.59 0.00	45.79 1.97 0.00
CRICKET__VALLEY_CC1 323756	42.49 2.37 0.00	35.08 1.95 0.00	34.08 1.81 0.00	32.69 1.73 0.00	31.94 1.72 0.00	34.42 1.92 -0.01	41.11 2.51 0.00	43.48 2.88 0.00	42.34 2.99 0.00	43.17 3.16 0.00	44.70 3.58 0.00	51.34 4.07 0.00	54.25 4.20 0.00	56.71 4.44 0.00	59.75 4.51 -2.82	65.97 4.87 -5.06	80.13 5.48 -11.64	102.60 7.59 -13.46	119.15 9.62 -3.75	128.34 10.37 -5.13	96.89 7.84 0.00	68.30 5.06 0.00	56.88 4.07 0.00	46.70 2.89 0.00
CRICKET__VALLEY_CC2 323757	42.49 2.37 0.00	35.08 1.95 0.00	34.08 1.81 0.00	32.69 1.73 0.00	31.94 1.72 0.00	34.42 1.92 -0.01	41.11 2.51 0.00	43.48 2.88 0.00	42.34 2.99 0.00	43.17 3.16 0.00	44.70 3.58 0.00	51.34 4.07 0.00	54.25 4.20 0.00	56.71 4.44 0.00	59.75 4.51 -2.82	65.97 4.87 -5.06	80.13 5.48 -11.64	102.60 7.59 -13.46	119.15 9.62 -3.75	128.34 10.37 -5.13	96.89 7.84 0.00	68.30 5.06 0.00	56.88 4.07 0.00	46.70 2.89 0.00
CRICKET__VALLEY_CC3 323758	42.49 2.37 0.00	35.08 1.95 0.00	34.08 1.81 0.00	32.69 1.73 0.00	31.94 1.72 0.00	34.42 1.92 -0.01	41.11 2.51 0.00	43.48 2.88 0.00	42.34 2.99 0.00	43.17 3.16 0.00	44.70 3.58 0.00	51.34 4.07 0.00	54.25 4.20 0.00	56.71 4.44 0.00	59.75 4.51 -2.82	65.97 4.87 -5.06	80.13 5.48 -11.64	102.60 7.59 -13.46	119.15 9.62 -3.75	128.34 10.37 -5.13	96.89 7.84 0.00	68.30 5.06 0.00	56.88 4.07 0.00	46.70 2.89 0.00
CRUCIBLE__METL_DRP 24180	40.25 0.12 0.00	33.09 -0.03 0.00	32.24 -0.03 0.00	30.92 -0.03 0.00	30.19 -0.03 0.00	32.45 -0.03 0.01	38.68 0.08 0.00	40.67 0.08 0.00	39.39 0.04 0.00	40.05 0.04 0.00	41.25 0.12 0.00	48.51 0.09 -1.14	52.11 0.20 -1.86	54.62 0.21 -2.14	54.08 0.31 -1.34	57.25 0.50 -0.71	63.64 0.63 0.00	84.19 1.06 -1.57	114.36 1.80 -6.79	120.76 1.69 -6.24	97.27 1.42 -6.79	63.68 0.44 0.00	53.07 0.26 0.00	43.90 0.09 0.00
DAHOWA__HYDRO 323763	42.13 2.01 0.00	34.78 1.66 0.00	33.86 1.58 0.00	32.53 1.58 0.00	31.73 1.51 0.00	34.15 1.66 0.00	40.69 2.08 0.00	42.70 2.11 0.00	41.04 1.69 0.00	41.45 1.44 0.00	42.56 1.44 0.00	49.16 1.89 0.00	52.00 1.95 0.00	54.57 2.30 0.00	54.79 2.36 0.00	59.00 2.97 0.00	66.41 3.40 0.00	86.69 5.14 0.00	113.06 7.29 0.00	124.93 8.35 -3.75	95.54 6.50 0.00	67.54 4.30 0.00	55.98 3.17 0.00	46.26 2.45 0.00
DANC__LFGE 323619	39.80 -0.32 0.00	32.73 -0.40 0.00	31.85 -0.42 0.00	30.55 -0.40 0.00	29.80 -0.42 0.00	32.14 -0.36 0.00	38.06 -0.54 0.00	39.90 -0.69 0.00	38.45 -0.90 0.00	38.89 -1.12 0.00	39.93 -1.19 0.00	46.78 -1.32 -0.83	49.95 -1.45 -1.35	52.47 -1.36 -1.56	52.04 -1.36 -0.98	55.27 -1.29 -0.52	62.19 -0.82 0.00	82.95 0.25 -1.15	113.29 2.53 -4.98	120.79 3.38 -4.58	96.52 2.49 -4.98	64.31 1.07 0.00	53.28 0.47 0.00	44.16 0.35 0.00
DANSKAMMER__1 23586	43.50 3.37 0.00	35.81 2.68 0.00	34.76 2.49 0.00	33.34 2.38 0.00	32.52 2.30 0.00	35.07 2.57 -0.01	42.00 3.40 0.00	44.37 3.78 0.00	43.17 3.82 0.00	44.02 4.00 0.00	45.57 4.44 0.00	52.42 5.11 -0.05	55.55 5.41 -0.09	58.13 5.75 -0.11	58.46 6.03 0.00	62.59 6.55 0.00	70.70 7.68 0.00	92.32 10.76 0.00	119.84 14.07 0.00	128.98 15.12 -1.03	100.45 11.40 0.00	70.63 7.40 0.00	58.46 5.65 0.00	47.84 4.03 0.00
DANSKAMMER__2 23589	43.50 3.37 0.00	35.81 2.68 0.00	34.76 2.49 0.00	33.34 2.38 0.00	32.52 2.30 0.00	35.07 2.57 -0.01	42.00 3.40 0.00	44.37 3.78 0.00	43.17 3.82 0.00	44.02 4.00 0.00	45.57 4.44 0.00	52.42 5.11 -0.05	55.55 5.41 -0.09	58.13 5.75 -0.11	58.46 6.03 0.00	62.59 6.55 0.00	70.70 7.68 0.00	92.32 10.76 0.00	119.84 14.07 0.00	128.98 15.12 -1.03	100.45 11.40 0.00	70.63 7.40 0.00	58.46 5.65 0.00	47.84 4.03 0.00
DANSKAMMER__3 23590	43.50 3.37 0.00	35.81 2.68 0.00	34.76 2.49 0.00	33.34 2.38 0.00	32.52 2.30 0.00	35.07 2.57 -0.01	42.00 3.40 0.00	44.37 3.78 0.00	43.17 3.82 0.00	44.02 4.00 0.00	45.57 4.44 0.00	52.42 5.11 -0.05	55.55 5.41 -0.09	58.13 5.75 -0.11	58.46 6.03 0.00	62.59 6.55 0.00	70.70 7.68 0.00	92.32 10.76 0.00	119.84 14.07 0.00	128.98 15.12 -1.03	100.45 11.40 0.00	70.63 7.40 0.00	58.46 5.65 0.00	47.84 4.03 0.00

DANSKAMMER___4 23591	43.50 3.37 0.00	35.81 2.68 0.00	34.76 2.49 0.00	33.34 2.38 0.00	32.52 2.30 0.00	35.07 2.57 -0.01	42.00 3.40 0.00	44.37 3.78 0.00	43.17 3.82 0.00	44.02 4.00 0.00	45.57 4.44 0.00	52.42 5.11 -0.05	55.55 5.41 -0.09	58.13 5.75 -0.11	58.46 6.03 0.00	62.59 6.55 0.00	70.70 7.68 0.00	92.32 10.76 0.00	119.84 14.07 0.00	128.98 15.12 -1.03	100.45 11.40 0.00	70.63 7.40 0.00	58.46 5.65 0.00	47.84 4.03 0.00
DANSKAMMER___DIESEL 23592	43.46 3.33 0.00	35.74 2.62 0.00	34.76 2.49 0.00	33.31 2.35 0.00	32.46 2.24 0.00	35.04 2.53 -0.01	42.00 3.40 0.00	44.33 3.73 0.00	43.21 3.86 0.00	44.18 4.16 0.00	45.57 4.44 0.00	52.42 5.11 -0.05	55.70 5.56 -0.09	58.18 5.80 -0.11	58.46 6.03 0.00	62.59 6.56 0.00	70.70 7.69 0.00	92.32 10.76 0.00	119.84 14.07 0.00	128.98 15.12 -1.03	100.36 11.31 0.00	70.63 7.40 0.00	58.36 5.55 0.00	47.89 4.07 0.00
DARBY___SOLAR 323810	42.05 1.93 0.00	34.75 1.62 0.00	33.82 1.55 0.00	32.50 1.55 0.00	31.70 1.48 0.00	34.12 1.62 0.00	40.61 2.01 0.00	42.62 2.03 0.00	41.00 1.65 0.00	41.41 1.40 0.00	42.52 1.40 0.00	49.11 1.84 0.00	51.95 1.90 0.00	54.47 2.19 0.00	54.73 2.30 0.00	58.95 2.91 0.00	66.35 3.34 0.00	86.53 4.98 0.00	112.75 6.98 0.00	124.43 7.90 -3.71	95.19 6.14 0.00	67.29 4.05 0.00	55.82 3.01 0.00	46.13 2.32 0.00
DASHVILLE___HYD 23610	42.89 2.77 0.00	35.31 2.19 0.00	34.31 2.03 0.00	32.90 1.95 0.00	32.07 1.84 0.00	34.58 2.08 -0.01	41.38 2.78 0.00	43.68 3.09 0.00	42.54 3.19 0.00	43.42 3.40 0.00	44.79 3.66 0.00	51.38 4.11 0.00	54.55 4.50 0.00	56.97 4.70 0.00	57.25 4.82 0.00	61.25 5.21 0.00	69.13 6.11 0.00	90.20 8.64 0.00	117.09 11.32 0.00	125.67 11.62 -1.22	98.22 9.17 0.00	69.18 5.94 0.00	57.30 4.49 0.00	47.10 3.29 0.00
DELAWARE___LFGE 323621	41.61 1.48 0.00	34.29 1.16 -0.01	33.37 1.10 0.00	32.01 1.05 0.00	31.25 1.03 0.00	33.68 1.17 -0.02	40.15 1.54 0.00	42.34 1.75 0.00	41.12 1.77 0.00	41.90 1.88 0.00	43.14 2.02 0.00	49.79 2.32 -0.20	52.78 2.40 -0.33	55.27 2.61 -0.38	55.29 2.62 -0.24	59.03 2.86 -0.14	66.23 3.21 0.00	86.54 4.57 -0.42	113.38 6.03 -1.58	121.50 6.66 -2.02	95.53 5.08 -1.40	65.97 3.23 0.49	55.35 2.53 0.00	45.56 1.75 0.00
DERFIELD_115KV_TB7 355931	40.37 0.24 0.00	33.32 0.20 0.00	32.47 0.19 0.00	31.14 0.19 0.00	30.40 0.18 0.00	32.72 0.23 0.00	38.87 0.27 0.00	40.92 0.32 0.00	39.67 0.31 0.00	40.29 0.28 0.00	41.41 0.29 0.00	47.60 0.33 0.00	50.40 0.35 0.00	52.64 0.37 0.00	52.80 0.37 0.00	56.43 0.39 0.00	63.52 0.50 0.00	82.37 0.82 0.00	106.83 1.06 0.00	114.07 1.24 0.00	89.94 0.89 0.00	63.74 0.51 0.00	53.23 0.42 0.00	44.12 0.31 0.00
DOGLEVILLE___HYD 23807	41.05 0.92 0.00	33.85 0.73 0.00	32.95 0.68 0.00	31.57 0.62 0.00	30.80 0.57 0.00	33.21 0.71 0.00	39.37 0.77 0.00	41.45 0.85 0.00	40.18 0.83 0.00	40.85 0.84 0.00	41.82 0.70 0.00	47.79 0.52 0.00	50.25 0.20 0.00	52.37 0.10 0.00	52.59 0.16 0.00	56.37 0.34 0.00	63.77 0.76 0.00	82.94 1.39 0.00	107.99 2.22 0.00	115.54 2.71 0.00	90.92 1.87 0.00	64.12 0.89 0.00	53.50 0.69 0.00	44.25 0.44 0.00
DUNKIRK__115KV_TB_200 55889	38.04 -2.09 0.00	30.60 -2.52 0.01	29.98 -2.29 0.00	28.79 -2.17 0.00	28.05 -2.18 0.00	29.96 -2.50 0.03	28.79 -2.28 7.53	29.82 -1.58 9.19	28.61 -1.77 8.97	29.69 -1.28 9.05	30.68 -1.11 9.34	34.58 -1.94 10.76	36.10 -2.50 11.44	37.76 -2.56 11.95	38.46 -2.15 11.82	43.27 -2.13 10.64	47.76 -2.90 12.36	58.98 -3.51 19.06	73.28 -4.13 28.36	88.02 -4.06 20.75	75.05 -3.47 10.53	52.46 -3.54 7.23	46.88 -2.48 3.44	40.79 -3.02 0.00
DUNKIRK___1 23563	38.04 -2.09 0.00	30.60 -2.52 0.01	29.98 -2.29 0.00	28.79 -2.17 0.00	28.05 -2.18 0.00	29.96 -2.50 0.03	28.79 -2.28 7.53	29.82 -1.58 9.19	28.61 -1.77 8.97	29.69 -1.28 9.05	30.68 -1.11 9.34	34.58 -1.94 10.76	36.10 -2.50 11.44	37.76 -2.56 11.95	38.46 -2.15 11.82	43.27 -2.13 10.64	47.76 -2.90 12.36	58.98 -3.51 19.06	73.28 -4.13 28.36	88.02 -4.06 20.75	75.05 -3.47 10.53	52.46 -3.54 7.23	46.88 -2.48 3.44	40.79 -3.02 0.00
DUNKIRK___2 23564	38.04 -2.09 0.00	30.60 -2.52 0.01	29.98 -2.29 0.00	28.79 -2.17 0.00	28.05 -2.18 0.00	29.96 -2.50 0.03	28.79 -2.28 7.53	29.82 -1.58 9.19	28.61 -1.77 8.97	29.69 -1.28 9.05	30.68 -1.11 9.34	34.58 -1.94 10.76	36.10 -2.50 11.44	37.76 -2.56 11.95	38.46 -2.15 11.82	43.27 -2.13 10.64	47.76 -2.90 12.36	58.98 -3.51 19.06	73.28 -4.13 28.36	88.02 -4.06 20.75	75.05 -3.47 10.53	52.46 -3.54 7.23	46.88 -2.48 3.44	40.79 -3.02 0.00
DUNKIRK___3 23565	38.00 -2.13 0.00	30.56 -2.55 0.01	29.95 -2.32 0.00	28.76 -2.20 0.00	27.99 -2.24 0.00	29.90 -2.57 0.03	28.63 -2.28 7.69	29.62 -1.58 9.39	28.42 -1.77 9.16	29.53 -1.24 9.24	30.52 -1.07 9.54	34.39 -1.89 10.99	35.95 -2.40 11.69	37.60 -2.46 12.21	38.30 -2.04 12.08	43.05 -2.07 10.91	47.41 -2.90 12.71	58.38 -3.59 19.59	72.41 -4.23 29.13	87.18 -4.51 21.13	74.68 -3.65 10.72	52.34 -3.54 7.35	46.82 -2.43 3.57	40.83 -2.98 0.00
DUNKIRK___4 23566	38.00 -2.13 0.00	30.56 -2.55 0.01	29.95 -2.32 0.00	28.76 -2.20 0.00	27.99 -2.24 0.00	29.90 -2.57 0.03	28.63 -2.28 7.69	29.62 -1.58 9.39	28.42 -1.77 9.16	29.53 -1.24 9.24	30.52 -1.07 9.54	34.39 -1.89 10.99	35.95 -2.40 11.69	37.60 -2.46 12.21	38.30 -2.04 12.08	43.05 -2.07 10.91	47.41 -2.90 12.71	58.38 -3.59 19.59	72.41 -4.23 29.13	87.18 -4.51 21.13	74.68 -3.65 10.72	52.34 -3.54 7.35	46.82 -2.43 3.57	40.83 -2.98 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	43.13 3.01 0.00	35.48 2.35 0.00	34.50 2.23 0.00	33.06 2.10 0.00	32.28 2.06 0.00	34.81 2.31 -0.01	41.81 3.20 0.00	44.21 3.61 0.00	43.29 3.94 0.00	44.30 4.28 0.00	45.87 4.73 -0.02	53.24 5.34 -0.62	57.05 5.71 -1.29	59.68 5.91 -1.50	66.25 5.82 -8.00	76.69 6.28 -14.37	103.18 7.12 -33.05	129.55 9.79 -38.21	129.11 12.69 -10.65	139.18 13.65 -12.70	99.20 10.15 0.00	69.81 6.58 0.00	57.99 5.18 0.00	47.62 3.81 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	43.74 3.61 0.00	35.91 2.78 0.00	34.92 2.65 0.00	33.46 2.51 0.00	32.61 2.39 0.00	35.20 2.70 -0.01	42.19 3.59 0.00	44.53 3.94 0.00	43.40 4.05 0.00	44.34 4.32 0.00	45.69 4.56 0.00	52.56 5.25 -0.04	55.84 5.71 -0.08	58.38 6.01 -0.10	58.67 6.24 0.00	62.87 6.84 0.00	71.14 8.13 0.00	93.05 11.50 0.00	121.00 15.23 0.00	130.33 16.47 -1.03	101.43 12.38 0.00	71.27 8.03 0.00	58.78 5.97 0.00	48.19 4.38 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	43.46 3.33 -0.01	35.78 2.65 -0.01	34.80 2.52 -0.01	33.38 2.41 -0.01	32.62 2.39 -0.01	35.14 2.63 -0.01	42.00 3.40 0.00	44.33 3.73 0.00	43.41 4.05 -0.01	44.51 4.48 -0.01	45.97 4.81 -0.04	54.29 5.58 -1.45	59.01 5.96 -3.01	60.47 6.06 -2.13	66.24 5.82 -8.00	76.55 6.16 -14.35	103.29 7.25 -33.03	129.86 9.95 -38.36	129.00 12.38 -10.85	139.34 13.54 -12.97	98.95 9.88 -0.02	69.76 6.51 -0.01	58.30 5.49 0.00	48.11 4.29 -0.01

E179THST_13_KV_LOAD 356214	43.66 3.53 -0.01	35.95 2.82 -0.01	34.93 2.65 -0.01	33.53 2.57 -0.01	32.74 2.51 -0.01	35.27 2.76 -0.01	42.19 3.59 0.00	44.57 3.98 0.00	43.65 4.29 -0.01	44.79 4.76 -0.01	46.22 5.06 -0.04	54.63 5.91 -1.45	59.36 6.31 -3.01	60.88 6.48 -2.13	66.61 6.19 -8.00	77.00 6.61 -14.35	103.79 7.75 -33.03	130.52 10.60 -38.36	129.95 13.33 -10.85	140.36 14.56 -12.97	99.66 10.60 -0.02	70.26 7.02 -0.01	58.67 5.86 0.00	48.38 4.56 -0.01
EAST HAMPTON___GT 23717	46.40 5.66 -0.62	36.90 3.77 0.00	35.50 3.23 0.00	33.93 2.97 0.00	33.19 2.96 0.00	35.98 3.48 -0.01	43.23 4.63 0.00	45.54 4.95 0.00	43.02 3.66 -0.01	42.22 2.20 -0.01	45.81 3.70 -0.98	51.63 3.17 -1.20	55.48 2.95 -2.48	59.07 3.92 -2.88	64.85 4.45 -7.97	75.51 5.15 -14.32	119.12 6.68 -49.43	149.59 9.95 -58.09	233.94 12.26 -115.90	198.41 12.86 -72.72	124.03 9.80 -25.18	81.43 6.45 -11.74	56.62 3.80 -0.01	46.88 3.07 0.00
EAST RIVER___6 23660	43.42 3.29 0.00	35.74 2.62 0.00	34.66 2.39 0.00	33.28 2.32 0.00	32.52 2.30 0.00	35.07 2.57 -0.01	42.15 3.55 0.00	44.53 3.94 0.00	43.61 4.25 -0.01	44.67 4.64 -0.01	46.26 5.10 -0.04	54.75 5.96 -1.52	59.41 6.20 -3.15	62.47 6.53 -3.67	66.98 6.55 -8.00	77.52 7.12 -14.37	106.86 7.88 -35.98	147.97 10.76 -55.66	147.22 13.65 -27.79	162.88 14.66 -35.39	100.25 10.59 -0.61	70.44 7.21 0.00	58.89 6.07 -0.01	48.02 4.21 0.00
EAST RIVER___7 23524	43.42 3.29 0.00	35.74 2.62 0.00	34.66 2.39 0.00	33.28 2.32 0.00	32.52 2.30 0.00	35.07 2.57 -0.01	42.15 3.55 0.00	44.53 3.94 0.00	43.61 4.25 -0.01	44.67 4.64 -0.01	46.26 5.10 -0.04	54.75 5.96 -1.52	59.41 6.20 -3.15	62.47 6.53 -3.67	66.98 6.55 -8.00	77.52 7.12 -14.37	106.86 7.88 -35.98	147.97 10.76 -55.66	147.22 13.65 -27.79	162.88 14.66 -35.39	100.25 10.59 -0.61	70.44 7.21 0.00	58.89 6.07 -0.01	48.02 4.21 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	43.05 2.93 0.00	35.44 2.32 0.00	34.44 2.16 0.00	33.00 2.04 0.00	32.25 2.02 0.00	34.78 2.27 -0.01	41.73 3.13 0.00	44.08 3.49 0.00	43.17 3.82 0.00	44.17 4.16 0.00	45.64 4.52 0.01	52.10 5.15 0.32	54.89 5.51 0.66	57.20 5.70 0.77	66.39 5.66 -8.30	77.07 6.11 -14.93	104.20 6.87 -34.32	130.69 9.46 -39.68	129.10 12.27 -11.06	139.18 13.20 -13.15	98.84 9.80 0.00	69.62 6.39 0.00	57.83 5.02 0.00	47.54 3.72 0.00
EAST_HAMPTON___DIESEL 23722	46.36 5.62 -0.62	36.87 3.74 0.00	35.47 3.20 0.00	33.86 2.91 0.00	33.15 2.93 0.00	35.91 3.41 -0.01	43.16 4.55 0.00	45.46 4.87 0.00	42.94 3.58 -0.01	42.18 2.16 -0.01	45.72 3.62 -0.98	51.54 3.07 -1.20	55.38 2.85 -2.48	59.02 3.87 -2.88	64.75 4.35 -7.97	75.46 5.10 -14.32	119.00 6.55 -49.43	149.42 9.78 -58.09	233.73 12.05 -115.90	198.19 12.63 -72.72	123.85 9.62 -25.18	81.30 6.32 -11.74	56.51 3.70 -0.01	46.79 2.98 0.00
EAST_POINT___SOLAR 323840	43.02 2.89 0.00	35.48 2.35 0.00	34.50 2.23 0.00	33.18 2.23 0.00	32.37 2.15 0.00	34.91 2.40 -0.01	41.15 2.55 0.00	42.30 1.70 0.00	40.10 0.75 0.00	40.37 0.36 0.00	41.45 0.33 0.00	47.93 0.66 0.00	50.55 0.50 0.00	53.06 0.79 0.00	53.48 1.05 0.00	57.78 1.74 0.00	65.41 2.39 0.00	86.36 4.81 0.00	115.18 9.41 0.00	128.96 12.41 -3.72	98.58 9.53 0.00	69.31 6.07 0.00	57.57 4.75 0.00	47.27 3.46 0.00
EAST_PULASKI___ESR 323781	39.72 -0.40 0.00	32.76 -0.36 0.00	31.92 -0.35 0.00	30.58 -0.37 0.00	29.89 -0.33 0.00	32.13 -0.36 0.01	38.25 -0.35 0.00	40.19 -0.41 0.00	38.92 -0.43 0.00	39.58 -0.44 0.00	40.63 -0.49 0.00	49.60 -0.62 -2.95	54.25 -0.60 -4.80	57.17 -0.62 -5.53	55.31 -0.58 -3.46	57.37 -0.51 -1.84	62.57 -0.44 0.00	85.41 -0.24 -4.10	123.46 0.00 -17.69	128.98 -0.11 -16.26	106.74 0.00 -17.69	67.56 -0.51 -4.83	52.33 -0.48 0.00	43.33 -0.48 0.00
EAST_RIVER___1 323558	43.42 3.29 0.00	35.74 2.62 0.00	34.66 2.39 0.00	33.28 2.32 0.00	32.55 2.33 0.00	35.07 2.57 -0.01	42.11 3.51 0.00	44.57 3.98 0.00	43.57 4.21 -0.01	44.63 4.60 -0.01	46.22 5.06 -0.04	54.61 5.81 -1.52	59.25 6.05 -3.15	62.31 6.37 -3.67	66.77 6.34 -8.00	77.30 6.89 -14.37	106.55 7.56 -35.98	147.57 10.36 -55.66	146.79 13.22 -27.79	162.44 14.22 -35.39	100.07 10.41 -0.61	70.25 7.02 0.00	58.73 5.91 -0.01	47.93 4.12 0.00
EAST_RIVER___2 323559	43.42 3.29 0.00	35.74 2.62 0.00	34.66 2.39 0.00	33.28 2.32 0.00	32.52 2.30 0.00	35.07 2.57 -0.01	42.15 3.55 0.00	44.53 3.94 0.00	43.61 4.25 -0.01	44.67 4.64 -0.01	46.26 5.10 -0.04	54.75 5.96 -1.52	59.41 6.20 -3.15	62.47 6.53 -3.67	66.98 6.55 -8.00	77.52 7.12 -14.37	106.86 7.88 -35.98	147.97 10.76 -55.66	147.22 13.65 -27.79	162.88 14.66 -35.39	100.25 10.59 -0.61	70.44 7.21 0.00	58.89 6.07 -0.01	48.02 4.21 0.00
EAST___DELAWARE_HYD 23607	43.21 3.09 0.00	35.54 2.42 0.00	34.50 2.23 0.00	33.09 2.13 0.00	32.25 2.03 0.00	34.81 2.31 -0.01	41.69 3.09 0.00	44.04 3.45 0.00	42.81 3.46 0.00	43.62 3.60 0.00	45.07 3.95 0.00	51.81 4.54 0.00	54.80 4.76 0.00	57.45 5.18 0.00	57.88 5.45 0.00	62.04 6.00 0.00	70.26 7.24 0.00	92.08 10.52 0.00	119.84 14.07 0.00	128.95 15.12 -1.00	100.36 11.31 0.00	70.57 7.33 0.00	58.20 5.39 0.00	47.58 3.77 0.00
EIGHT_POINT___WT_PWR 323820	38.20 -1.93 0.00	31.02 -2.09 0.01	30.37 -1.90 0.00	29.03 -1.92 0.00	28.29 -1.93 0.00	30.27 -2.18 0.05	62.22 -1.85 -25.47	70.26 -1.42 -31.09	68.46 -1.30 -30.41	69.30 -1.40 -30.68	71.46 -1.32 -31.66	82.27 -1.80 -36.80	87.51 -1.85 -39.31	91.23 -2.15 -41.11	90.11 -2.78 -40.46	97.49 -2.86 -44.31	109.40 -3.28 -49.67	147.76 -3.75 -69.95	200.40 -4.02 -98.64	197.95 -4.85 -89.97	132.33 -3.65 -46.94	74.83 -3.73 -15.33	63.67 -2.48 -13.34	40.96 -2.85 0.00
ELBRIDGE_115KV_TB2 80188	40.00 -0.12 0.00	32.92 -0.20 0.00	32.08 -0.19 0.00	30.77 -0.19 0.00	30.04 -0.18 0.00	32.29 -0.19 0.01	38.49 -0.12 0.00	40.43 -0.16 0.00	39.11 -0.24 0.00	39.77 -0.24 0.00	40.96 -0.16 0.00	48.25 -0.24 -1.21	51.82 -0.20 -1.97	54.34 -0.21 -2.28	53.75 -0.10 -1.42	56.90 0.11 -0.75	63.20 0.19 0.00	83.71 0.49 -1.66	114.02 1.06 -7.19	120.46 0.90 -6.72	97.04 0.80 -7.19	63.24 0.00 0.00	52.76 -0.05 0.00	43.64 -0.18 0.00
ELEC_TRO_TEK 24086	44.30 3.57 -0.61	35.88 2.75 0.00	34.76 2.49 0.00	33.24 2.29 0.00	32.49 2.27 0.00	35.13 2.63 -0.01	42.35 3.74 0.00	44.73 4.14 0.00	43.33 3.97 -0.01	44.14 4.12 -0.01	47.25 5.14 -0.98	53.62 5.15 -1.20	57.88 5.36 -2.48	60.90 5.75 -2.88	66.48 6.08 -7.97	76.80 6.44 -14.31	120.26 7.81 -49.43	150.24 10.60 -58.09	235.42 13.75 -115.90	200.33 14.78 -72.72	125.27 11.04 -25.18	82.25 7.27 -11.74	57.99 5.18 0.00	48.06 4.25 0.00
ELLENBURG_WT_PWR 323604	38.88 -1.24 0.00	32.20 -0.93 0.00	31.37 -0.90 0.00	30.09 -0.87 0.00	29.41 -0.81 0.00	31.58 -0.91 0.00	37.45 -1.16 0.00	39.29 -1.30 0.00	38.17 -1.18 0.00	38.73 -1.28 0.00	39.68 -1.44 0.00	45.66 -1.61 0.00	48.40 -1.65 0.00	50.55 -1.72 0.00	50.70 -1.73 0.00	53.57 -2.46 0.00	59.86 -3.15 0.00	77.07 -4.49 0.00	100.06 -5.71 0.00	106.62 -6.21 0.00	84.24 -4.81 0.00	60.14 -3.10 0.00	50.70 -2.11 0.00	42.50 -1.31 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	37.72 -2.41 0.00	30.30 -2.82 0.01	29.72 -2.55 0.00	28.54 -2.41 0.00	27.77 -2.45 0.00	29.58 -2.89 0.03	27.77 -2.97 7.86	28.73 -2.27 9.60	27.55 -2.44 9.37	28.68 -1.88 9.45	29.68 -1.69 9.75	33.48 -2.55 11.24	34.89 -3.20 11.95	36.55 -3.24 12.48	37.25 -2.83 12.35	42.42 -3.03 10.59	46.07 -3.97 12.97	56.52 -4.97 20.06	69.74 -6.13 29.90	84.68 -7.00 21.16	73.73 -5.25 10.06	51.00 -4.68 7.56	45.83 -3.27 3.71	40.48 -3.33 0.00
EMPIRE_CC_1 323656	41.49 1.37 0.00	34.31 1.19 0.00	33.47 1.19 0.00	32.13 1.18 0.00	31.34 1.12 0.00	33.73 1.23 0.00	40.03 1.43 0.00	42.14 1.54 0.00	40.81 1.46 0.00	41.33 1.32 0.00	42.36 1.23 0.00	48.78 1.51 0.00	51.60 1.55 0.00	53.99 1.72 0.00	54.16 1.73 0.00	57.94 1.91 0.00	65.09 2.08 0.00	84.40 2.85 0.00	109.26 3.49 0.00	118.21 3.72 -1.67	92.25 3.20 0.00	65.32 2.08 0.00	54.55 1.74 0.00	45.21 1.40 0.00
EMPIRE_CC_2 323658	41.49 1.37 0.00	34.31 1.19 0.00	33.47 1.19 0.00	32.13 1.18 0.00	31.34 1.12 0.00	33.73 1.23 0.00	40.03 1.43 0.00	42.14 1.54 0.00	40.81 1.46 0.00	41.33 1.32 0.00	42.36 1.23 0.00	48.78 1.51 0.00	51.60 1.55 0.00	53.99 1.72 0.00	54.16 1.73 0.00	57.94 1.91 0.00	65.09 2.08 0.00	84.40 2.85 0.00	109.26 3.49 0.00	118.21 3.72 -1.67	92.25 3.20 0.00	65.32 2.08 0.00	54.55 1.74 0.00	45.21 1.40 0.00
ENORWICH_115KV_TB1 80156	42.49 2.37 0.00	34.82 1.69 0.00	33.86 1.58 0.00	32.50 1.55 0.00	31.73 1.51 0.00	34.29 1.79 -0.01	42.01 2.35 -1.05	44.60 2.72 -1.29	43.10 2.36 -1.39	43.58 2.16 -1.40	44.67 2.10 -1.45	51.80 2.46 -2.07	55.03 2.55 -2.43	57.81 2.93 -2.61	57.67 2.94 -2.31	61.69 3.31 -2.34	69.95 4.60 -2.33	92.92 7.67 -3.70	124.12 11.32 -7.03	131.99 12.30 -6.86	102.93 9.26 -4.62	68.89 5.63 -0.03	57.42 4.07 -0.55	46.48 2.67 0.00
ERIE_ST__34_KV_TB1-2 80199	37.76 -2.37 0.00	30.33 -2.78 0.01	29.72 -2.55 0.00	28.51 -2.45 0.00	27.74 -2.48 0.00	29.70 -2.76 0.03	29.72 -1.74 7.14	30.90 -0.97 8.72	29.71 -1.14 8.50	30.87 -0.56 8.58	31.94 -0.33 8.86	36.12 -0.95 10.20	37.69 -1.50 10.85	39.47 -1.46 11.34	40.17 -1.05 11.21	47.37 -0.95 7.71	52.51 -1.95 8.55	65.22 -2.61 13.72	81.82 -3.07 20.89	88.35 -4.17 20.30	75.55 -3.29 10.20	53.87 -2.85 6.52	49.33 -1.53 1.94	40.66 -3.15 0.00
ERIE_WT_PWR 323693	37.84 -2.29 0.00	30.50 -2.62 0.01	30.05 -2.23 0.00	28.63 -2.32 0.00	27.83 -2.39 0.00	29.74 -2.73 0.03	28.21 -2.63 7.77	28.92 -2.19 9.48	28.33 -1.77 9.25	29.16 -1.52 9.33	30.01 -1.48 9.63	34.00 -2.17 11.10	36.14 -2.10 11.80	37.70 -2.77 12.33	37.77 -2.46 12.19	42.52 -2.58 10.94	46.93 -3.47 12.62	57.80 -4.24 19.50	71.44 -5.29 29.05	85.35 -5.98 21.50	73.28 -4.81 10.96	51.70 -4.11 7.43	46.64 -2.69 3.47	40.79 -3.02 0.00
ESPRGFLD_115KV_TB1 80157	42.17 2.05 0.00	34.75 1.62 0.00	33.76 1.48 0.00	32.41 1.45 0.00	31.67 1.45 0.00	34.16 1.66 -0.01	40.69 2.08 0.00	42.62 2.03 0.00	41.04 1.69 0.00	41.61 1.60 0.00	42.77 1.64 0.00	49.26 1.99 0.00	52.00 1.95 0.00	54.52 2.25 0.00	54.74 2.31 0.00	58.78 2.75 0.00	66.29 3.28 0.00	86.93 5.38 0.00	113.92 8.14 0.00	125.18 9.59 -2.76	96.35 7.30 0.00	67.79 4.55 0.00	56.40 3.59 0.00	46.31 2.50 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	40.93 0.80 0.00	33.58 0.46 0.01	32.69 0.42 0.00	31.39 0.43 0.00	30.65 0.42 0.00	32.93 0.45 0.02	41.36 0.85 -1.91	44.26 1.34 -2.33	43.01 1.10 -2.55	43.63 1.04 -2.58	44.85 1.07 -2.66	52.00 1.09 -3.64	55.40 1.15 -4.20	57.96 1.20 -4.48	57.89 1.42 -4.04	61.63 1.46 -4.14	69.06 1.83 -4.22	90.86 3.02 -6.29	122.08 4.87 -11.45	128.58 5.08 -10.68	100.48 4.10 -7.34	65.87 2.15 -0.48	55.44 1.64 -0.99	44.73 0.92 0.00
ETNA____115KV_TB2 80207	40.93 0.80 0.00	33.58 0.46 0.01	32.69 0.42 0.00	31.39 0.43 0.00	30.65 0.42 0.00	32.93 0.45 0.02	41.36 0.85 -1.91	44.26 1.34 -2.33	43.01 1.10 -2.55	43.63 1.04 -2.58	44.85 1.07 -2.66	52.00 1.09 -3.64	55.40 1.15 -4.20	57.96 1.20 -4.48	57.89 1.42 -4.04	61.63 1.46 -4.14	69.06 1.83 -4.22	90.86 3.02 -6.29	122.08 4.87 -11.45	128.58 5.08 -10.68	100.48 4.10 -7.34	65.87 2.15 -0.48	55.44 1.64 -0.99	44.73 0.92 0.00
EUCLID__115KV_TB2 356179	39.76 -0.36 0.00	32.72 -0.40 0.00	31.89 -0.39 0.00	30.58 -0.37 0.00	29.86 -0.36 0.00	32.10 -0.39 0.01	38.22 -0.39 0.00	40.19 -0.41 0.00	38.92 -0.43 0.00	39.57 -0.44 0.00	40.71 -0.41 0.00	47.31 -0.47 -0.51	50.37 -0.50 -0.83	52.70 -0.52 -0.95	52.60 -0.42 -0.60	56.02 -0.34 -0.31	62.70 -0.32 0.00	82.09 -0.16 -0.70	108.90 0.11 -3.03	115.50 -0.11 -2.78	92.07 0.00 -3.03	60.96 -0.51 1.77	52.33 -0.48 0.00	43.33 -0.48 0.00
E_CANADA_CAP_HY 24051	42.53 2.41 0.00	35.08 1.95 0.00	34.11 1.84 0.00	32.78 1.83 0.00	31.97 1.75 0.00	34.48 1.98 -0.01	40.92 2.32 0.00	42.58 1.99 0.00	40.65 1.30 0.00	40.97 0.96 0.00	42.03 0.90 0.00	48.50 1.23 0.00	51.00 0.95 0.00	53.52 1.25 0.00	53.89 1.47 0.00	58.11 2.07 0.00	65.54 2.52 0.00	86.28 4.73 0.00	113.92 8.15 0.00	126.45 10.16 -3.47	96.71 7.66 0.00	68.10 4.87 0.00	56.82 4.01 0.00	46.70 2.89 0.00
E_CANADA_MHWK_HY 24050	41.05 0.92 0.00	33.85 0.73 0.00	32.95 0.68 0.00	31.57 0.62 0.00	30.79 0.57 0.00	33.21 0.71 0.00	39.37 0.77 0.00	41.45 0.85 0.00	40.18 0.83 0.00	40.81 0.80 0.00	41.82 0.70 0.00	47.79 0.52 0.00	50.25 0.20 0.00	52.32 0.05 0.00	52.59 0.16 0.00	56.38 0.34 0.00	63.77 0.76 0.00	82.94 1.39 0.00	108.00 2.22 0.00	115.53 2.70 0.00	90.92 1.87 0.00	64.12 0.88 0.00	53.55 0.74 0.00	44.25 0.44 0.00
E_FISHKILL__LBMP 23776	42.65 2.53 0.00	35.15 2.02 0.00	34.18 1.90 0.00	32.75 1.80 0.00	32.01 1.78 0.00	34.48 1.98 -0.01	41.30 2.70 0.00	43.60 3.00 0.00	42.62 3.27 0.00	43.54 3.52 0.00	44.95 3.82 0.00	51.72 4.35 -0.10	54.90 4.65 -0.20	57.21 4.70 -0.24	57.15 4.72 0.00	61.14 5.10 0.00	68.75 5.73 0.00	89.46 7.91 0.00	115.93 10.15 0.00	124.77 10.94 -0.99	97.24 8.19 0.00	68.55 5.31 0.00	57.04 4.22 0.00	46.97 3.15 0.00
FALCON__SEABRD_CC1 323796	39.28 -0.84 0.00	32.56 -0.56 0.00	31.66 -0.61 0.00	30.40 -0.56 0.00	29.71 -0.51 0.00	31.91 -0.58 0.00	37.83 -0.77 0.00	39.70 -0.89 0.00	39.03 -0.32 0.00	39.61 -0.40 0.00	40.55 -0.58 0.00	46.71 -0.57 0.00	49.55 -0.50 0.00	51.75 -0.52 0.00	51.96 -0.47 0.00	54.19 -1.85 0.00	59.30 -3.72 0.00	75.93 -5.63 0.00	98.69 -7.09 0.00	105.15 -7.68 0.00	83.08 -5.97 0.00	59.63 -3.60 0.00	51.33 -1.48 0.00	43.55 -0.26 0.00
FALCON__SEABRD_CC2 323797	39.28 -0.84 0.00	32.56 -0.56 0.00	31.66 -0.61 0.00	30.40 -0.56 0.00	29.71 -0.51 0.00	31.91 -0.58 0.00	37.83 -0.77 0.00	39.70 -0.89 0.00	39.03 -0.32 0.00	39.61 -0.40 0.00	40.55 -0.58 0.00	46.71 -0.57 0.00	49.55 -0.50 0.00	51.75 -0.52 0.00	51.96 -0.47 0.00	54.19 -1.85 0.00	59.30 -3.72 0.00	75.93 -5.63 0.00	98.69 -7.09 0.00	105.15 -7.68 0.00	83.08 -5.97 0.00	59.63 -3.60 0.00	51.33 -1.48 0.00	43.55 -0.26 0.00

FAR ROCKAWAY___4 23548	44.82 4.09 -0.61	36.27 3.15 0.00	35.11 2.84 0.00	33.59 2.63 0.00	32.82 2.60 0.00	35.49 2.99 -0.01	42.77 4.17 0.00	45.22 4.63 0.00	43.76 4.41 -0.01	44.62 4.60 -0.01	47.78 5.68 -0.98	54.33 5.86 -1.20	58.68 6.16 -2.48	61.79 6.64 -2.88	67.43 7.03 -7.97	77.86 7.51 -14.31	121.45 9.01 -49.43	151.79 12.15 -58.09	237.43 15.76 -115.90	202.48 16.92 -72.72	126.96 12.73 -25.18	83.39 8.41 -11.74	58.83 6.02 0.00	48.68 4.86 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	43.37 3.25 0.00	35.68 2.55 0.00	34.66 2.39 0.00	33.21 2.26 0.00	32.46 2.24 0.00	35.00 2.50 -0.01	42.11 3.51 0.00	44.53 3.94 0.00	43.69 4.33 -0.01	44.79 4.76 -0.01	46.22 5.06 -0.04	54.55 5.77 -1.51	59.33 6.16 -3.12	62.29 6.38 -3.64	66.77 6.34 -8.00	77.24 6.84 -14.36	105.71 7.50 -35.20	143.25 10.28 -51.42	142.53 13.12 -23.64	156.83 14.10 -29.90	99.84 10.33 -0.46	70.19 6.96 0.00	58.57 5.76 0.00	47.97 4.16 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	43.37 3.25 0.00	35.68 2.55 0.00	34.66 2.39 0.00	33.21 2.26 0.00	32.46 2.24 0.00	35.00 2.50 -0.01	42.11 3.51 0.00	44.53 3.94 0.00	43.69 4.33 -0.01	44.79 4.76 -0.01	46.22 5.06 -0.04	54.55 5.77 -1.51	59.33 6.16 -3.13	62.29 6.38 -3.64	66.77 6.34 -8.00	77.24 6.84 -14.36	105.77 7.50 -35.26	143.25 10.28 -51.42	142.53 13.12 -23.64	156.94 14.22 -29.90	99.84 10.33 -0.46	70.19 6.96 0.00	58.57 5.76 0.00	47.97 4.16 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	43.33 3.21 0.00	35.64 2.52 0.00	34.66 2.39 0.00	33.21 2.26 0.00	32.46 2.24 0.00	35.00 2.50 -0.01	42.08 3.47 0.00	44.49 3.90 0.00	43.65 4.29 -0.01	44.75 4.72 -0.01	46.18 5.02 -0.04	54.55 5.77 -1.51	59.33 6.16 -3.13	62.24 6.32 -3.64	66.72 6.29 -8.00	77.18 6.78 -14.36	105.77 7.50 -35.26	143.17 10.19 -51.42	142.42 13.01 -23.64	156.72 13.99 -29.90	99.75 10.24 -0.46	70.13 6.89 0.00	58.51 5.70 0.00	47.93 4.12 0.00
FARRAGUT___LBMP 323566	43.33 3.21 0.00	35.61 2.48 0.00	34.63 2.36 0.00	33.18 2.23 0.00	32.43 2.21 0.00	34.97 2.47 -0.01	42.04 3.44 0.00	44.45 3.86 0.00	43.61 4.25 -0.01	44.71 4.68 -0.01	46.14 4.98 -0.04	54.50 5.72 -1.51	59.23 6.06 -3.13	62.18 6.27 -3.64	66.67 6.24 -8.00	77.07 6.67 -14.36	105.64 7.37 -35.26	143.01 10.03 -51.42	142.32 12.90 -23.64	156.60 13.88 -29.90	99.66 10.15 -0.46	70.06 6.83 0.00	58.46 5.65 0.00	47.89 4.07 0.00
FARRCKWY_69_KV_BK2 55825	44.82 4.09 -0.61	36.27 3.15 0.00	35.11 2.84 0.00	33.59 2.63 0.00	32.82 2.60 0.00	35.49 2.99 -0.01	42.77 4.17 0.00	45.22 4.63 0.00	43.76 4.41 -0.01	44.62 4.60 -0.01	47.78 5.68 -0.98	54.33 5.86 -1.20	58.68 6.16 -2.48	61.79 6.64 -2.88	67.43 7.03 -7.97	77.86 7.51 -14.31	121.45 9.01 -49.43	151.79 12.15 -58.09	237.43 15.76 -115.90	202.48 16.92 -72.72	126.96 12.73 -25.18	83.39 8.41 -11.74	58.83 6.02 0.00	48.68 4.86 0.00
FENNER___WINDPWR 24204	40.85 0.72 0.00	33.62 0.50 0.00	32.73 0.45 0.00	31.39 0.43 0.00	30.65 0.42 0.00	33.01 0.52 0.01	39.33 0.73 0.00	41.40 0.81 0.00	40.06 0.71 0.00	40.69 0.68 0.00	41.82 0.70 0.00	48.55 0.80 -0.48	51.73 0.90 -0.78	54.21 1.04 -0.90	54.04 1.05 -0.56	57.57 1.23 -0.30	64.71 1.70 0.00	85.08 2.85 -0.68	113.25 4.55 -2.93	120.51 4.85 -2.83	95.72 3.74 -2.93	64.63 2.15 0.76	54.39 1.58 0.00	44.86 1.05 0.00
FIBERTEK___ENERGY 23856	40.25 0.12 0.00	33.09 -0.03 0.00	32.24 -0.03 0.00	30.92 -0.03 0.00	30.19 -0.03 0.00	32.45 -0.03 0.01	38.68 0.08 0.00	40.67 0.08 0.00	39.39 0.04 0.00	40.05 0.04 0.00	41.25 0.12 0.00	48.51 0.09 -1.14	52.11 0.20 -1.86	54.62 0.21 -2.14	54.08 0.31 -1.34	57.25 0.50 -0.71	63.64 0.63 0.00	84.19 1.06 -1.57	114.36 1.80 -6.79	120.76 1.69 -6.24	97.27 1.42 -6.79	63.68 0.44 0.00	53.07 0.26 0.00	43.90 0.09 0.00
FITZPATRICK___ 23598	39.20 -0.92 0.00	32.33 -0.80 0.00	31.53 -0.74 0.00	30.21 -0.74 0.00	29.50 -0.73 0.00	31.71 -0.78 0.00	37.68 -0.93 0.00	39.54 -1.06 0.00	38.33 -1.02 0.00	38.97 -1.04 0.00	40.02 -1.11 0.00	39.80 -1.32 6.15	38.70 -1.35 10.00	39.34 -1.41 11.52	43.80 -1.41 7.22	50.80 -1.40 3.84	61.50 -1.51 0.00	71.20 -1.79 8.56	66.71 -2.11 36.95	76.50 -2.37 33.95	50.22 -1.87 36.95	61.59 -1.64 0.00	51.44 -1.37 0.00	42.67 -1.14 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	43.58 3.45 0.00	35.81 2.68 0.00	34.82 2.55 0.00	33.37 2.41 0.00	32.55 2.33 0.00	35.10 2.60 -0.01	42.08 3.47 0.00	44.45 3.86 0.00	43.36 4.01 0.00	44.38 4.36 0.00	45.81 4.69 0.00	52.77 5.44 -0.06	56.14 5.96 -0.13	58.65 6.22 -0.16	61.01 6.45 -2.13	66.87 7.00 -3.83	79.94 8.13 -8.80	102.98 11.25 -10.18	123.10 14.49 -2.83	132.54 15.57 -4.14	100.71 11.67 0.00	70.82 7.59 0.00	58.51 5.70 0.00	48.06 4.25 0.00
FORT ORANGE___ 23900	41.49 1.37 0.00	34.31 1.19 0.00	33.57 1.29 0.00	32.22 1.27 0.00	31.43 1.21 0.00	33.83 1.33 0.00	40.03 1.43 0.00	42.10 1.50 0.00	40.65 1.30 0.00	41.18 1.16 0.00	42.32 1.19 0.00	48.74 1.47 0.00	51.55 1.50 0.00	53.63 1.36 0.00	53.53 1.10 0.00	57.38 1.34 0.00	64.65 1.64 0.00	83.92 2.37 0.00	108.94 3.17 0.00	118.61 3.38 -2.39	91.81 2.76 0.00	65.07 1.83 0.00	54.61 1.80 0.00	45.43 1.62 0.00
FORT_DRUM_COGEN 23780	39.88 -0.24 0.00	32.73 -0.40 0.00	31.82 -0.45 0.00	30.49 -0.46 0.00	29.77 -0.45 0.00	32.20 -0.29 0.00	38.14 -0.46 0.00	39.90 -0.69 0.00	38.29 -1.06 0.00	38.57 -1.44 0.00	39.64 -1.48 0.00	46.29 -1.61 -0.62	49.36 -1.70 -1.01	51.87 -1.57 -1.16	51.58 -1.57 -0.73	54.85 -1.57 -0.39	62.26 -0.76 0.00	83.39 0.98 -0.86	114.25 4.76 -3.72	122.46 6.21 -3.42	97.40 4.63 -3.72	65.70 2.47 0.00	54.18 1.37 0.00	44.82 1.01 0.00
FOX_HILLS___ESR 323835	43.54 3.41 -0.01	35.92 2.78 -0.01	34.87 2.58 -0.01	33.47 2.51 -0.01	32.74 2.51 -0.01	35.24 2.73 -0.01	42.24 3.63 -0.01	44.70 4.10 -0.01	43.66 4.29 -0.02	44.64 4.60 -0.02	46.23 5.06 -0.05	54.65 5.86 -1.52	59.34 6.15 -3.14	62.28 6.37 -3.63	66.50 6.08 -7.99	76.83 6.44 -14.35	105.50 7.24 -35.24	142.91 9.95 -51.41	142.10 12.69 -23.64	156.26 13.53 -29.90	99.58 10.06 -0.47	69.94 6.70 -0.01	58.74 5.91 -0.01	48.07 4.25 -0.01
FPL_FAR_ROCK_GT1 24212	44.82 4.09 -0.61	36.34 3.21 0.00	35.12 2.84 0.00	33.65 2.69 0.00	32.88 2.66 0.00	35.55 3.05 -0.01	42.69 4.09 0.00	45.26 4.67 0.00	43.80 4.45 -0.01	44.38 4.36 -0.01	47.78 5.68 -0.98	54.38 5.91 -1.20	58.28 5.75 -2.48	61.74 6.59 -2.88	67.37 6.97 -7.97	77.87 7.51 -14.32	121.46 9.01 -49.43	151.88 12.23 -58.09	237.44 15.76 -115.91	202.47 16.92 -72.72	127.06 12.83 -25.19	83.46 8.48 -11.75	58.83 6.02 -0.01	48.55 4.73 0.00
FPL_FAR_ROCK_GT2 23815	44.82 4.09 -0.61	36.34 3.21 0.00	35.12 2.84 0.00	33.65 2.69 0.00	32.88 2.66 0.00	35.55 3.05 -0.01	42.69 4.09 0.00	45.26 4.67 0.00	43.80 4.45 -0.01	44.38 4.36 -0.01	47.78 5.68 -0.98	54.38 5.91 -1.20	58.28 5.75 -2.48	61.74 6.59 -2.88	67.37 6.97 -7.97	77.87 7.51 -14.32	121.46 9.01 -49.43	151.88 12.23 -58.09	237.44 15.76 -115.91	202.47 16.92 -72.72	127.06 12.83 -25.19	83.46 8.48 -11.75	58.83 6.02 -0.01	48.55 4.73 0.00

FRANKLIN_FALL_HYD 24054	38.96 -1.16 0.00	32.30 -0.83 0.00	31.40 -0.87 0.00	30.12 -0.84 0.00	29.44 -0.79 0.00	31.65 -0.84 0.00	37.37 -1.24 0.00	39.09 -1.50 0.00	37.89 -1.46 0.00	38.41 -1.60 0.00	39.32 -1.81 0.00	45.29 -1.99 0.00	48.05 -2.00 0.00	50.28 -1.99 0.00	50.38 -2.04 0.00	53.24 -2.80 0.00	60.05 -2.96 0.00	77.64 -3.91 0.00	101.12 -4.65 0.00	107.86 -4.96 0.00	85.31 -3.74 0.00	60.77 -2.47 0.00	51.01 -1.80 0.00	42.63 -1.18 0.00
FREEPORT_EQUS_GT1 23764	44.78 4.05 -0.61	36.24 3.11 0.00	35.02 2.74 0.00	33.55 2.60 0.00	32.79 2.57 0.00	35.46 2.96 -0.01	42.62 4.01 0.00	45.18 4.59 0.00	43.68 4.33 -0.01	44.14 4.12 -0.01	47.57 5.47 -0.98	54.00 5.53 -1.20	57.63 5.11 -2.48	61.06 5.90 -2.88	66.69 6.29 -7.97	77.08 6.72 -14.32	120.38 7.94 -49.43	150.58 10.93 -58.09	235.85 14.18 -115.90	200.78 15.23 -72.72	125.72 11.49 -25.18	83.01 8.03 -11.74	58.57 5.76 -0.01	48.33 4.51 0.00
FREEPORT___CT2 23818	44.78 4.05 -0.61	36.24 3.11 0.00	35.02 2.74 0.00	33.55 2.60 0.00	32.79 2.57 0.00	35.46 2.96 -0.01	42.62 4.01 0.00	45.18 4.59 0.00	43.68 4.33 -0.01	44.14 4.12 -0.01	47.57 5.47 -0.98	54.00 5.53 -1.20	57.63 5.11 -2.48	61.06 5.90 -2.88	66.69 6.29 -7.97	77.08 6.72 -14.32	120.38 7.94 -49.43	150.58 10.93 -58.09	235.85 14.18 -115.90	200.78 15.23 -72.72	125.72 11.49 -25.18	83.01 8.03 -11.74	58.57 5.76 -0.01	48.33 4.51 0.00
FRESHKLS_33_KV_LOAD 356253	43.66 3.53 -0.01	36.01 2.88 -0.01	34.96 2.68 -0.01	33.56 2.60 -0.01	32.83 2.60 -0.01	35.34 2.83 -0.01	42.35 3.74 -0.01	44.78 4.18 -0.01	43.73 4.37 -0.02	44.68 4.64 -0.02	46.27 5.10 -0.05	54.70 5.91 -1.52	59.29 6.10 -3.14	62.23 6.32 -3.63	66.44 6.03 -7.99	76.83 6.44 -14.35	105.50 7.24 -35.24	142.99 10.03 -51.41	142.21 12.79 -23.64	156.37 13.65 -29.90	99.76 10.24 -0.47	70.01 6.77 -0.01	58.84 6.02 -0.01	48.20 4.38 -0.01
FULTON COGEN____ 23766	39.48 -0.64 0.00	32.53 -0.60 0.00	31.69 -0.58 0.00	30.40 -0.56 0.00	29.68 -0.54 0.00	31.90 -0.58 0.01	37.95 -0.66 0.00	39.90 -0.69 0.00	38.64 -0.71 0.00	39.25 -0.76 0.00	40.38 -0.74 0.00	48.52 -0.85 -2.09	52.55 -0.90 -3.41	55.26 -0.94 -3.93	54.05 -0.84 -2.46	56.56 -0.78 -1.30	62.19 -0.82 0.00	83.65 -0.82 -2.91	117.70 -0.63 -12.56	123.47 -0.90 -11.54	100.99 -0.62 -12.56	64.86 -0.89 -2.51	51.97 -0.84 0.00	43.07 -0.74 0.00
FULTON___LFGE 323630	42.61 2.49 0.00	35.18 2.05 0.00	34.21 1.94 0.00	32.87 1.92 0.00	32.10 1.87 0.00	34.58 2.08 -0.01	40.96 2.36 0.00	42.54 1.95 0.00	40.49 1.14 0.00	40.69 0.68 0.00	41.74 0.62 0.00	48.12 0.85 0.00	50.75 0.70 0.00	53.26 0.99 0.00	53.74 1.31 0.00	58.05 2.01 0.00	65.60 2.58 0.00	86.44 4.89 0.00	114.34 8.56 0.00	127.44 10.83 -3.77	97.24 8.19 0.00	68.48 5.25 0.00	56.88 4.07 0.00	46.79 2.98 0.00
G.F.CEMENT___DRP 24184	42.85 2.73 0.00	35.41 2.29 0.00	34.47 2.19 0.00	33.15 2.20 0.00	32.31 2.09 0.00	34.77 2.27 0.00	40.69 2.08 0.00	42.66 2.07 0.00	41.00 1.65 0.00	41.45 1.44 0.00	42.52 1.40 0.00	49.21 1.94 0.00	52.10 2.05 0.00	54.62 2.35 0.00	54.84 2.41 0.00	59.18 3.14 0.00	66.60 3.59 0.00	87.02 5.46 0.00	113.81 8.04 0.00	125.80 9.14 -3.83	95.90 6.86 0.00	67.79 4.55 0.00	55.98 3.17 0.00	46.35 2.54 0.00
GARDENVILLE___LBMP 24039	37.76 -2.37 0.00	30.37 -2.75 0.01	29.76 -2.52 0.00	28.57 -2.38 0.00	27.80 -2.42 0.00	29.64 -2.83 0.03	27.33 -2.74 8.53	28.15 -2.03 10.41	26.99 -2.20 10.16	28.12 -1.64 10.25	29.06 -1.48 10.58	32.76 -2.32 12.19	34.17 -2.90 12.97	35.75 -2.98 13.54	36.46 -2.57 13.40	41.16 -2.69 12.19	45.26 -3.59 14.16	55.19 -4.57 21.79	67.78 -5.61 32.39	83.36 -6.32 23.15	72.36 -4.81 11.88	50.99 -4.30 7.94	45.84 -2.96 4.01	40.57 -3.24 0.00
GARDNVLA_35_KV_LD 355827	37.92 -2.21 0.00	30.43 -2.68 0.01	29.82 -2.45 0.00	28.63 -2.32 0.00	27.86 -2.36 0.00	29.70 -2.76 0.03	28.50 -2.62 7.48	29.56 -1.91 9.13	28.40 -2.05 8.91	29.55 -1.48 8.99	30.53 -1.32 9.28	34.46 -2.13 10.69	35.98 -2.70 11.37	37.68 -2.72 11.87	38.32 -2.36 11.75	43.15 -2.41 10.47	47.62 -3.34 12.05	58.66 -4.24 18.65	72.78 -5.18 27.81	85.97 -5.98 20.88	73.98 -4.45 10.62	51.95 -4.05 7.24	46.79 -2.75 3.28	40.66 -3.15 0.00
GELCKHM___115KV_LOAD 80723	39.92 -0.20 0.00	32.86 -0.26 0.00	32.02 -0.26 0.00	30.71 -0.25 0.00	29.98 -0.24 0.00	32.23 -0.26 0.01	38.37 -0.23 0.00	40.35 -0.24 0.00	39.07 -0.28 0.00	39.77 -0.24 0.00	40.92 -0.21 0.00	47.72 -0.28 -0.73	50.99 -0.25 -1.19	53.38 -0.26 -1.37	53.13 -0.16 -0.86	56.49 0.00 -0.45	63.08 0.06 0.00	82.81 0.24 -1.01	110.87 0.74 -4.36	117.40 0.56 -4.01	93.94 0.53 -4.36	61.88 -0.19 1.17	52.60 -0.21 0.00	43.55 -0.26 0.00
GENERAL___MILLS 23808	37.84 -2.29 0.00	30.40 -2.72 0.01	29.79 -2.49 0.00	28.60 -2.35 0.00	27.83 -2.39 0.00	29.67 -2.79 0.03	28.17 -2.66 7.77	29.17 -1.95 9.48	28.02 -2.09 9.25	29.16 -1.52 9.33	30.14 -1.36 9.63	34.00 -2.17 11.10	35.49 -2.75 11.80	37.12 -2.82 12.33	37.82 -2.41 12.19	42.58 -2.52 10.94	46.99 -3.40 12.62	57.73 -4.32 19.50	71.43 -5.29 29.05	85.24 -6.09 21.50	73.46 -4.63 10.96	51.63 -4.17 7.43	46.54 -2.80 3.47	40.61 -3.20 0.00
GE_PLASTICS___DRP 24183	41.29 1.16 0.00	34.15 1.03 0.00	33.40 1.13 0.00	32.04 1.08 0.00	31.25 1.03 0.00	33.63 1.14 0.00	39.88 1.27 0.00	41.93 1.34 0.00	40.65 1.30 0.00	41.29 1.28 0.00	42.44 1.32 0.00	48.83 1.56 0.00	51.20 1.15 0.00	53.42 1.15 0.00	53.53 1.10 0.00	57.38 1.34 0.00	64.46 1.45 0.00	83.51 1.96 0.00	107.99 2.22 0.00	117.42 2.48 -2.10	90.92 1.87 0.00	64.63 1.39 0.00	53.92 1.11 0.00	45.21 1.40 0.00
GILBOA___1 23756	41.57 1.44 0.00	34.42 1.29 0.00	33.50 1.23 0.00	32.16 1.21 0.00	31.40 1.18 0.00	33.80 1.30 -0.01	40.15 1.55 0.00	42.34 1.74 0.00	41.08 1.73 0.00	41.82 1.80 0.00	43.14 2.01 0.00	49.54 2.27 0.00	52.30 2.25 0.00	54.62 2.35 0.00	54.84 2.41 0.00	58.67 2.63 0.00	65.72 2.71 0.00	85.14 3.58 0.00	110.11 4.34 0.00	118.53 4.85 -0.85	92.96 3.91 0.00	65.89 2.66 0.00	55.08 2.27 0.00	45.43 1.62 0.00
GILBOA___2 23757	41.57 1.44 0.00	34.42 1.29 0.00	33.50 1.23 0.00	32.16 1.21 0.00	31.40 1.18 0.00	33.80 1.30 -0.01	40.15 1.55 0.00	42.34 1.74 0.00	41.08 1.73 0.00	41.82 1.80 0.00	43.14 2.01 0.00	49.54 2.27 0.00	52.30 2.25 0.00	54.62 2.35 0.00	54.84 2.41 0.00	58.67 2.63 0.00	65.72 2.71 0.00	85.14 3.58 0.00	110.11 4.34 0.00	118.53 4.85 -0.85	92.96 3.91 0.00	65.89 2.66 0.00	55.08 2.27 0.00	45.43 1.62 0.00
GILBOA___3 23758	41.57 1.44 0.00	34.42 1.29 0.00	33.50 1.23 0.00	32.16 1.21 0.00	31.40 1.18 0.00	33.80 1.30 -0.01	40.15 1.55 0.00	42.34 1.74 0.00	41.08 1.73 0.00	41.82 1.80 0.00	43.14 2.01 0.00	49.54 2.27 0.00	52.30 2.25 0.00	54.62 2.35 0.00	54.84 2.41 0.00	58.67 2.63 0.00	65.72 2.71 0.00	85.14 3.58 0.00	110.11 4.34 0.00	118.53 4.85 -0.85	92.96 3.91 0.00	65.89 2.66 0.00	55.08 2.27 0.00	45.43 1.62 0.00

GILBOA___4 23759	41.57 1.44 0.00	34.42 1.29 0.00	33.50 1.23 0.00	32.16 1.21 0.00	31.40 1.18 0.00	33.80 1.30 -0.01	40.15 1.55 0.00	42.34 1.74 0.00	41.08 1.73 0.00	41.82 1.80 0.00	43.14 2.01 0.00	49.54 2.27 0.00	52.30 2.25 0.00	54.62 2.35 0.00	54.84 2.41 0.00	58.67 2.63 0.00	65.72 2.71 0.00	85.14 3.58 0.00	110.11 4.34 0.00	118.53 4.85 -0.85	92.96 3.91 0.00	65.89 2.66 0.00	55.08 2.27 0.00	45.43 1.62 0.00
GILBOA____ 23599	41.57 1.44 0.00	34.42 1.29 0.00	33.53 1.26 0.00	32.13 1.18 0.00	31.37 1.15 0.00	33.80 1.30 -0.01	40.15 1.54 0.00	42.30 1.70 0.00	41.12 1.77 0.00	41.89 1.88 0.00	43.14 2.02 0.00	49.49 2.22 0.00	52.40 2.35 0.00	54.67 2.40 0.00	54.84 2.41 0.00	58.67 2.63 0.00	65.72 2.71 0.00	85.06 3.51 0.00	110.11 4.34 0.00	118.53 4.85 -0.85	92.88 3.83 0.00	65.89 2.66 0.00	55.03 2.22 0.00	45.48 1.66 0.00
GINNA____ 23603	37.84 -2.29 0.00	30.97 -2.15 0.00	30.27 -2.00 0.00	28.94 -2.01 0.00	28.23 -2.00 0.00	30.30 -2.18 0.02	35.78 -2.82 0.00	37.95 -2.64 0.00	36.83 -2.52 0.00	37.53 -2.48 0.00	38.74 -2.39 0.00	44.58 -2.69 0.00	47.50 -2.55 0.00	49.66 -2.61 0.00	49.59 -2.83 0.00	53.21 -2.74 0.08	59.86 -3.15 0.00	77.56 -3.75 0.24	100.54 -4.65 0.58	107.77 -5.19 -0.13	84.77 -4.09 0.19	56.46 -3.60 3.18	49.64 -3.17 0.00	41.36 -2.45 0.00
GLEN PARK____ 23778	40.00 -0.12 0.00	32.83 -0.30 0.00	31.92 -0.35 0.00	30.61 -0.34 0.00	29.86 -0.36 0.00	32.30 -0.19 0.00	38.25 -0.35 0.00	39.99 -0.61 0.00	38.41 -0.94 0.00	38.69 -1.32 0.00	39.73 -1.40 0.00	46.40 -1.51 -0.65	49.45 -1.65 -1.05	51.97 -1.52 -1.21	51.72 -1.47 -0.76	54.98 -1.46 -0.40	62.44 -0.57 0.00	83.83 1.39 -0.90	114.83 5.18 -3.88	123.16 6.77 -3.56	98.00 5.07 -3.88	66.01 2.78 0.00	54.34 1.53 0.00	44.95 1.14 0.00
GLENDALE_27_KV_LOAD 356172	43.54 3.41 0.00	35.81 2.68 0.00	34.79 2.52 0.00	33.37 2.41 0.00	32.61 2.39 0.00	35.13 2.63 -0.01	42.23 3.63 0.00	44.65 4.06 0.00	43.84 4.49 -0.01	44.95 4.92 -0.01	46.38 5.22 -0.04	54.94 6.15 -1.52	59.56 6.51 -3.01	62.46 6.69 -3.50	66.87 6.45 -8.00	77.17 6.78 -14.35	102.66 7.62 -32.02	124.46 10.52 -32.39	119.96 13.33 -0.86	130.07 14.44 -2.79	99.35 10.51 0.20	70.19 6.96 0.00	58.78 5.97 0.00	48.19 4.38 0.00
GLENWOOD_IC_1_G5 23712	44.26 3.53 -0.61	35.88 2.75 0.00	34.79 2.52 0.00	33.31 2.35 0.00	32.52 2.30 0.00	35.13 2.63 -0.01	42.31 3.71 0.00	44.69 4.10 0.00	43.49 4.13 -0.01	44.42 4.40 -0.01	47.33 5.22 -0.98	54.05 5.58 -1.20	58.38 5.86 -2.48	61.37 6.22 -2.88	66.64 6.24 -7.97	76.85 6.50 -14.31	120.07 7.62 -49.43	150.00 10.36 -58.09	235.00 13.33 -115.90	199.88 14.33 -72.72	124.92 10.69 -25.18	82.00 7.02 -11.74	58.30 5.49 0.00	48.11 4.29 0.00
GLENWOOD_IC_2_G1 23688	44.06 3.33 -0.61	35.78 2.65 0.00	34.66 2.39 0.00	33.21 2.26 0.00	32.49 2.27 0.00	35.04 2.54 -0.01	42.04 3.43 0.00	44.53 3.94 0.00	43.33 3.97 -0.01	44.10 4.08 -0.01	47.04 4.93 -0.98	53.85 5.39 -1.20	57.93 5.41 -2.48	61.06 5.90 -2.88	66.43 6.03 -7.97	76.80 6.44 -14.32	119.94 7.49 -49.43	149.84 10.19 -58.09	234.79 13.11 -115.90	199.66 14.10 -72.72	124.82 10.59 -25.18	81.93 6.96 -11.74	58.15 5.33 -0.01	47.76 3.94 0.00
GLENWOOD_IC_3_G1 23689	44.06 3.33 -0.61	35.78 2.65 0.00	34.66 2.39 0.00	33.21 2.26 0.00	32.49 2.27 0.00	35.04 2.54 -0.01	42.04 3.43 0.00	44.53 3.94 0.00	43.33 3.97 -0.01	44.10 4.08 -0.01	47.04 4.93 -0.98	53.85 5.39 -1.20	57.93 5.41 -2.48	61.06 5.90 -2.88	66.43 6.03 -7.97	76.80 6.44 -14.32	119.94 7.49 -49.43	149.84 10.19 -58.09	234.79 13.11 -115.90	199.66 14.10 -72.72	124.82 10.59 -25.18	81.93 6.96 -11.74	58.15 5.33 -0.01	47.76 3.94 0.00
GLENWOOD___4 23550	44.26 3.53 -0.61	35.88 2.75 0.00	34.79 2.52 0.00	33.31 2.35 0.00	32.52 2.30 0.00	35.13 2.63 -0.01	42.31 3.71 0.00	44.69 4.10 0.00	43.49 4.13 -0.01	44.42 4.40 -0.01	47.33 5.22 -0.98	54.05 5.58 -1.20	58.38 5.86 -2.48	61.37 6.22 -2.88	66.69 6.29 -7.97	76.96 6.61 -14.31	120.19 7.75 -49.43	150.24 10.60 -58.09	235.32 13.64 -115.90	200.22 14.67 -72.72	125.09 10.86 -25.18	82.12 7.15 -11.74	58.30 5.49 0.00	48.11 4.29 0.00
GLENWOOD___5 23614	44.26 3.53 -0.61	35.88 2.75 0.00	34.79 2.52 0.00	33.31 2.35 0.00	32.52 2.30 0.00	35.13 2.63 -0.01	42.31 3.71 0.00	44.69 4.10 0.00	43.49 4.13 -0.01	44.42 4.40 -0.01	47.33 5.22 -0.98	54.05 5.58 -1.20	58.38 5.86 -2.48	61.37 6.22 -2.88	66.69 6.29 -7.97	76.96 6.61 -14.31	120.19 7.75 -49.43	150.24 10.60 -58.09	235.32 13.64 -115.90	200.22 14.67 -72.72	125.09 10.86 -25.18	82.12 7.15 -11.74	58.30 5.49 0.00	48.11 4.29 0.00
GLOBAL GREEN_PORT_GT1 23814	46.76 6.02 -0.62	37.20 4.07 0.00	35.79 3.52 0.00	34.20 3.25 0.00	33.46 3.24 0.00	36.27 3.77 -0.01	43.62 5.02 0.00	45.99 5.40 0.00	43.41 4.05 -0.01	42.66 2.64 -0.01	46.22 4.11 -0.98	52.11 3.64 -1.20	55.98 3.45 -2.48	59.65 4.50 -2.88	65.43 5.03 -7.97	76.13 5.77 -14.32	119.75 7.31 -49.43	150.41 10.76 -58.09	235.32 13.65 -115.90	199.89 14.33 -72.72	125.18 10.95 -25.18	82.25 7.27 -11.74	57.30 4.49 -0.01	47.41 3.59 0.00
GLOBE___DSASP 323697	37.10 -3.01 0.02	29.82 -3.28 0.03	29.22 -3.03 0.02	28.09 -2.85 0.02	27.36 -2.84 0.02	29.04 -3.41 0.04	28.68 -3.94 5.98	30.00 -3.29 7.30	28.76 -3.46 7.13	30.02 -2.80 7.19	31.06 -2.63 7.44	35.03 -3.69 8.56	36.44 -4.50 9.10	38.17 -4.60 9.50	38.78 -4.25 9.40	40.23 -4.65 11.15	44.47 -5.80 12.75	54.87 -7.26 19.42	67.95 -9.20 28.62	78.34 -10.15 24.33	67.70 -7.75 13.60	49.79 -6.39 7.06	44.72 -4.75 3.34	39.85 -3.94 0.02
GOETHSLN___LBMP 323567	43.17 3.05 0.00	35.48 2.35 0.00	34.50 2.23 0.00	33.06 2.10 0.00	32.31 2.09 0.00	34.84 2.34 -0.01	41.88 3.28 0.00	44.33 3.73 0.00	43.49 4.13 -0.01	44.59 4.56 -0.01	46.02 4.85 -0.04	54.36 5.58 -1.51	59.13 5.96 -3.13	61.97 6.06 -3.64	66.41 5.98 -8.00	76.84 6.44 -14.36	105.39 7.12 -35.26	142.68 9.70 -51.42	141.79 12.38 -23.64	156.15 13.43 -29.90	99.31 9.80 -0.46	69.75 6.51 0.00	58.36 5.55 0.00	47.80 3.99 0.00
GOLAH___69_KV_TB 1_2 80279	39.28 -0.84 0.00	31.89 -1.23 0.01	31.14 -1.13 0.00	29.87 -1.08 0.00	29.13 -1.09 0.00	31.18 -1.30 0.02	36.05 -1.66 0.89	38.33 -1.18 1.09	36.82 -1.46 1.07	37.77 -1.16 1.08	39.06 -0.95 1.12	44.52 -1.47 1.29	46.88 -1.80 1.37	49.06 -1.78 1.43	49.39 -1.63 1.42	52.92 -1.57 1.55	59.32 -1.95 1.74	76.47 -2.28 2.80	99.05 -2.43 4.29	107.58 -2.37 2.88	86.06 -1.42 1.56	57.56 -1.96 3.71	50.84 -1.53 0.44	42.72 -1.10 0.00
GOODYEAR_LAKE_HYD 323669	41.89 1.77 0.00	34.49 1.36 -0.01	33.57 1.29 0.00	32.19 1.24 0.00	31.43 1.21 0.00	33.91 1.40 -0.02	40.46 1.85 0.00	42.58 1.99 0.00	41.28 1.93 0.00	42.02 2.00 0.00	43.31 2.18 0.00	49.78 2.51 0.00	52.65 2.60 0.00	55.15 2.87 0.00	55.31 2.88 0.00	59.24 3.19 -0.01	66.67 3.65 0.00	87.02 5.46 0.00	113.18 7.40 0.00	122.49 8.24 -1.43	95.49 6.32 -0.12	67.22 3.98 0.00	55.87 3.06 0.00	45.96 2.15 0.00

GOUDEY___7	40.61	33.31	32.44	31.11	30.37	32.72	39.22	41.49	40.18	41.02	42.24	48.83	51.94	54.32	54.35	58.12	64.98	85.33	113.25	120.11	95.08	64.01	54.13	44.34
345031	0.48	0.17	0.16	0.15	0.15	0.16	0.62	0.89	0.83	1.00	1.11	1.13	1.20	1.25	1.42	1.68	1.83	2.69	3.91	3.84	3.12	1.58	1.32	0.53
	0.00	-0.02	0.00	0.00	0.00	-0.06	0.00	0.00	0.00	0.00	0.00	-0.43	-0.69	-0.80	-0.50	-0.40	-0.14	-1.08	-3.56	-3.44	-2.92	0.81	0.00	0.00
GOUDEY___8	40.61	33.31	32.44	31.11	30.37	32.72	39.22	41.49	40.18	41.02	42.24	48.83	51.94	54.32	54.35	58.12	64.98	85.33	113.25	120.11	95.08	64.01	54.13	44.34
23579	0.48	0.17	0.16	0.15	0.15	0.16	0.62	0.89	0.83	1.00	1.11	1.13	1.20	1.25	1.42	1.68	1.83	2.69	3.91	3.84	3.12	1.58	1.32	0.53
	0.00	-0.02	0.00	0.00	0.00	-0.06	0.00	0.00	0.00	0.00	0.00	-0.43	-0.69	-0.80	-0.50	-0.40	-0.14	-1.08	-3.56	-3.44	-2.92	0.81	0.00	0.00
GOWANUS_GT1_1	43.58	35.85	34.86	33.44	32.68	35.21	42.28	44.66	43.81	44.92	46.39	54.89	59.69	62.61	66.77	77.11	105.82	143.32	142.53	157.06	99.85	70.14	58.79	48.24
24077	3.45	2.72	2.58	2.48	2.45	2.70	3.67	4.06	4.45	4.88	5.22	6.10	6.51	6.69	6.34	6.72	7.56	10.36	13.12	14.33	10.33	6.89	5.97	4.43
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.02	-0.02	-0.05	-1.52	-3.14	-3.65	-8.00	-14.35	-35.24	-51.41	-23.64	-29.90	-0.47	-0.01	-0.01	-0.01
GOWANUS_GT1_2	43.58	35.85	34.86	33.44	32.68	35.21	42.28	44.66	43.81	44.92	46.39	54.89	59.69	62.61	66.77	77.11	105.82	143.32	142.53	157.06	99.85	70.14	58.79	48.24
24078	3.45	2.72	2.58	2.48	2.45	2.70	3.67	4.06	4.45	4.88	5.22	6.10	6.51	6.69	6.34	6.72	7.56	10.36	13.12	14.33	10.33	6.89	5.97	4.43
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.02	-0.02	-0.05	-1.52	-3.14	-3.65	-8.00	-14.35	-35.24	-51.41	-23.64	-29.90	-0.47	-0.01	-0.01	-0.01
GOWANUS_GT1_3	43.58	35.85	34.86	33.44	32.68	35.21	42.28	44.66	43.81	44.92	46.39	54.89	59.69	62.61	66.77	77.11	105.82	143.32	142.53	157.06	99.85	70.14	58.79	48.24
24079	3.45	2.72	2.58	2.48	2.45	2.70	3.67	4.06	4.45	4.88	5.22	6.10	6.51	6.69	6.34	6.72	7.56	10.36	13.12	14.33	10.33	6.89	5.97	4.43
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.02	-0.02	-0.05	-1.52	-3.14	-3.65	-8.00	-14.35	-35.24	-51.41	-23.64	-29.90	-0.47	-0.01	-0.01	-0.01
GOWANUS_GT1_4	43.58	35.85	34.86	33.44	32.68	35.21	42.28	44.66	43.81	44.92	46.39	54.89	59.69	62.61	66.77	77.11	105.82	143.32	142.53	157.06	99.85	70.14	58.79	48.24
24080	3.45	2.72	2.58	2.48	2.45	2.70	3.67	4.06	4.45	4.88	5.22	6.10	6.51	6.69	6.34	6.72	7.56	10.36	13.12	14.33	10.33	6.89	5.97	4.43
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.02	-0.02	-0.05	-1.52	-3.14	-3.65	-8.00	-14.35	-35.24	-51.41	-23.64	-29.90	-0.47	-0.01	-0.01	-0.01
GOWANUS_GT1_5	43.58	35.85	34.86	33.44	32.68	35.21	42.28	44.66	43.81	44.92	46.39	54.89	59.69	62.61	66.77	77.11	105.82	143.32	142.53	157.06	99.85	70.14	58.79	48.24
24084	3.45	2.72	2.58	2.48	2.45	2.70	3.67	4.06	4.45	4.88	5.22	6.10	6.51	6.69	6.34	6.72	7.56	10.36	13.12	14.33	10.33	6.89	5.97	4.43
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.02	-0.02	-0.05	-1.52	-3.14	-3.65	-8.00	-14.35	-35.24	-51.41	-23.64	-29.90	-0.47	-0.01	-0.01	-0.01
GOWANUS_GT1_6	43.58	35.85	34.86	33.44	32.68	35.21	42.28	44.66	43.81	44.92	46.39	54.89	59.69	62.61	66.77	77.11	105.82	143.32	142.53	157.06	99.85	70.14	58.79	48.24
24111	3.45	2.72	2.58	2.48	2.45	2.70	3.67	4.06	4.45	4.88	5.22	6.10	6.51	6.69	6.34	6.72	7.56	10.36	13.12	14.33	10.33	6.89	5.97	4.43
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.02	-0.02	-0.05	-1.52	-3.14	-3.65	-8.00	-14.35	-35.24	-51.41	-23.64	-29.90	-0.47	-0.01	-0.01	-0.01
GOWANUS_GT1_7	43.58	35.85	34.86	33.44	32.68	35.21	42.28	44.66	43.81	44.92	46.39	54.89	59.69	62.61	66.77	77.11	105.82	143.32	142.53	157.06	99.85	70.14	58.79	48.24
24112	3.45	2.72	2.58	2.48	2.45	2.70	3.67	4.06	4.45	4.88	5.22	6.10	6.51	6.69	6.34	6.72	7.56	10.36	13.12	14.33	10.33	6.89	5.97	4.43
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.02	-0.02	-0.05	-1.52	-3.14	-3.65	-8.00	-14.35	-35.24	-51.41	-23.64	-29.90	-0.47	-0.01	-0.01	-0.01
GOWANUS_GT1_8	43.58	35.85	34.86	33.44	32.68	35.21	42.28	44.66	43.81	44.92	46.39	54.89	59.69	62.61	66.77	77.11	105.82	143.32	142.53	157.06	99.85	70.14	58.79	48.24
24113	3.45	2.72	2.58	2.48	2.45	2.70	3.67	4.06	4.45	4.88	5.22	6.10	6.51	6.69	6.34	6.72	7.56	10.36	13.12	14.33	10.33	6.89	5.97	4.43
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.02	-0.02	-0.05	-1.52	-3.14	-3.65	-8.00	-14.35	-35.24	-51.41	-23.64	-29.90	-0.47	-0.01	-0.01	-0.01
GOWANUS_GT2_1	43.62	35.95	34.87	33.50	32.74	35.27	42.28	44.74	43.73	44.76	46.35	54.89	59.54	62.56	66.77	77.12	105.82	143.32	142.63	156.83	99.93	70.20	58.90	48.20
24114	3.49	2.81	2.58	2.54	2.51	2.76	3.67	4.14	4.37	4.72	5.18	6.10	6.36	6.64	6.34	6.72	7.56	10.36	13.22	14.10	10.41	6.96	6.07	4.38
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.02	-0.02	-0.05	-1.52	-3.14	-3.65	-8.00	-14.36	-35.24	-51.41	-23.64	-29.90	-0.47	-0.01	-0.01	-0.01
GOWANUS_GT2_2	43.62	35.95	34.87	33.50	32.74	35.27	42.28	44.74	43.73	44.76	46.35	54.89	59.54	62.56	66.77	77.12	105.82	143.32	142.63	156.83	99.93	70.20	58.90	48.20
24115	3.49	2.81	2.58	2.54	2.51	2.76	3.67	4.14	4.37	4.72	5.18	6.10	6.36	6.64	6.34	6.72	7.56	10.36	13.22	14.10	10.41	6.96	6.07	4.38
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.02	-0.02	-0.05	-1.52	-3.14	-3.65	-8.00	-14.36	-35.24	-51.41	-23.64	-29.90	-0.47	-0.01	-0.01	-0.01
GOWANUS_GT2_3	43.62	35.95	34.87	33.50	32.74	35.27	42.28	44.74	43.73	44.76	46.35	54.89	59.54	62.56	66.77	77.12	105.82	143.32	142.63	156.83	99.93	70.20	58.90	48.20
24116	3.49	2.81	2.58	2.54	2.51	2.76	3.67	4.14	4.37	4.72	5.18	6.10	6.36	6.64	6.34	6.72	7.56	10.36	13.22	14.10	10.41	6.96	6.07	4.38
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.02	-0.02	-0.05	-1.52	-3.14	-3.65	-8.00	-14.36	-35.24	-51.41	-23.64	-29.90	-0.47	-0.01	-0.01	-0.01
GOWANUS_GT2_4	43.62	35.95	34.87	33.50	32.74	35.27	42.28	44.74	43.73	44.76	46.35	54.89	59.54	62.56	66.77	77.12	105.82	143.32	142.63	156.83	99.93	70.20	58.90	48.20
24117	3.49	2.81	2.58	2.54	2.51	2.76	3.67	4.14	4.37	4.72	5.18	6.10	6.36	6.64	6.34	6.72	7.56	10.36	13.22	14.10	10.41	6.96	6.07	4.38
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.02	-0.02	-0.05	-1.52	-3.14	-3.65	-8.00	-14.36	-35.24	-51.41	-23.64	-29.90	-0.47	-0.01	-0.01	-0.01

GOWANUS_GT2_5 24118	43.62 3.49 -0.01	35.95 2.81 -0.01	34.87 2.58 -0.01	33.50 2.54 -0.01	32.74 2.51 -0.01	35.27 2.76 -0.01	42.28 3.67 -0.01	44.74 4.14 -0.01	43.73 4.37 -0.02	44.76 4.72 -0.02	46.35 5.18 -0.05	54.89 6.10 -1.52	59.54 6.36 -3.14	62.56 6.64 -3.65	66.77 6.34 -8.00	77.12 6.72 -14.36	105.82 7.56 -35.24	143.32 10.36 -51.41	142.63 13.22 -23.64	156.83 14.10 -29.90	99.93 10.41 -0.47	70.20 6.96 -0.01	58.90 6.07 -0.01	48.20 4.38 -0.01
GOWANUS_GT2_6 24119	43.62 3.49 -0.01	35.95 2.81 -0.01	34.87 2.58 -0.01	33.50 2.54 -0.01	32.74 2.51 -0.01	35.27 2.76 -0.01	42.28 3.67 -0.01	44.74 4.14 -0.01	43.73 4.37 -0.02	44.76 4.72 -0.02	46.35 5.18 -0.05	54.89 6.10 -1.52	59.54 6.36 -3.14	62.56 6.64 -3.65	66.77 6.34 -8.00	77.12 6.72 -14.36	105.82 7.56 -35.24	143.32 10.36 -51.41	142.63 13.22 -23.64	156.83 14.10 -29.90	99.93 10.41 -0.47	70.20 6.96 -0.01	58.90 6.07 -0.01	48.20 4.38 -0.01
GOWANUS_GT2_7 24120	43.62 3.49 -0.01	35.95 2.81 -0.01	34.87 2.58 -0.01	33.50 2.54 -0.01	32.74 2.51 -0.01	35.27 2.76 -0.01	42.28 3.67 -0.01	44.74 4.14 -0.01	43.73 4.37 -0.02	44.76 4.72 -0.02	46.35 5.18 -0.05	54.89 6.10 -1.52	59.54 6.36 -3.14	62.56 6.64 -3.65	66.77 6.34 -8.00	77.12 6.72 -14.36	105.82 7.56 -35.24	143.32 10.36 -51.41	142.63 13.22 -23.64	156.83 14.10 -29.90	99.93 10.41 -0.47	70.20 6.96 -0.01	58.90 6.07 -0.01	48.20 4.38 -0.01
GOWANUS_GT2_8 24121	43.62 3.49 -0.01	35.95 2.81 -0.01	34.87 2.58 -0.01	33.50 2.54 -0.01	32.74 2.51 -0.01	35.27 2.76 -0.01	42.28 3.67 -0.01	44.74 4.14 -0.01	43.73 4.37 -0.02	44.76 4.72 -0.02	46.35 5.18 -0.05	54.89 6.10 -1.52	59.54 6.36 -3.14	62.56 6.64 -3.65	66.77 6.34 -8.00	77.12 6.72 -14.36	105.82 7.56 -35.24	143.32 10.36 -51.41	142.63 13.22 -23.64	156.83 14.10 -29.90	99.93 10.41 -0.47	70.20 6.96 -0.01	58.90 6.07 -0.01	48.20 4.38 -0.01
GOWANUS_GT3_1 24122	43.62 3.49 -0.01	35.95 2.81 -0.01	34.87 2.58 -0.01	33.50 2.54 -0.01	32.74 2.51 -0.01	35.27 2.76 -0.01	42.28 3.67 -0.01	44.74 4.14 -0.01	43.73 4.37 -0.02	44.76 4.72 -0.02	46.35 5.18 -0.05	54.89 6.10 -1.52	59.54 6.36 -3.14	62.56 6.64 -3.65	66.77 6.34 -8.00	77.12 6.72 -14.36	105.82 7.56 -35.24	143.32 10.36 -51.41	142.63 13.22 -23.64	156.83 14.10 -29.90	99.93 10.41 -0.47	70.20 6.96 -0.01	58.90 6.07 -0.01	48.20 4.38 -0.01
GOWANUS_GT3_2 24123	43.62 3.49 -0.01	35.95 2.81 -0.01	34.87 2.58 -0.01	33.50 2.54 -0.01	32.74 2.51 -0.01	35.27 2.76 -0.01	42.28 3.67 -0.01	44.74 4.14 -0.01	43.73 4.37 -0.02	44.76 4.72 -0.02	46.35 5.18 -0.05	54.89 6.10 -1.52	59.54 6.36 -3.14	62.56 6.64 -3.65	66.77 6.34 -8.00	77.12 6.72 -14.36	105.82 7.56 -35.24	143.32 10.36 -51.41	142.63 13.22 -23.64	156.83 14.10 -29.90	99.93 10.41 -0.47	70.20 6.96 -0.01	58.90 6.07 -0.01	48.20 4.38 -0.01
GOWANUS_GT3_3 24124	43.62 3.49 -0.01	35.95 2.81 -0.01	34.87 2.58 -0.01	33.50 2.54 -0.01	32.74 2.51 -0.01	35.27 2.76 -0.01	42.28 3.67 -0.01	44.74 4.14 -0.01	43.73 4.37 -0.02	44.76 4.72 -0.02	46.35 5.18 -0.05	54.89 6.10 -1.52	59.54 6.36 -3.14	62.56 6.64 -3.65	66.77 6.34 -8.00	77.12 6.72 -14.36	105.82 7.56 -35.24	143.32 10.36 -51.41	142.63 13.22 -23.64	156.83 14.10 -29.90	99.93 10.41 -0.47	70.20 6.96 -0.01	58.90 6.07 -0.01	4

GOWANUS_GT4_4 24133	43.58 3.45 -0.01	35.85 2.72 -0.01	34.86 2.58 -0.01	33.44 2.48 -0.01	32.68 2.45 -0.01	35.21 2.70 -0.01	42.28 3.67 -0.01	44.66 4.06 -0.01	43.81 4.45 -0.02	44.92 4.88 -0.02	46.39 5.22 -0.05	54.89 6.10 -1.52	59.69 6.51 -3.14	62.61 6.69 -3.65	66.77 6.34 -8.00	77.11 6.72 -14.35	105.82 7.56 -35.24	143.32 10.36 -51.41	142.53 13.12 -23.64	157.06 14.33 -29.90	99.85 10.33 -0.47	70.14 6.89 -0.01	58.79 5.97 -0.01	48.24 4.43 -0.01
GOWANUS_GT4_5 24134	43.58 3.45 -0.01	35.85 2.72 -0.01	34.86 2.58 -0.01	33.44 2.48 -0.01	32.68 2.45 -0.01	35.21 2.70 -0.01	42.28 3.67 -0.01	44.66 4.06 -0.01	43.81 4.45 -0.02	44.92 4.88 -0.02	46.39 5.22 -0.05	54.89 6.10 -1.52	59.69 6.51 -3.14	62.61 6.69 -3.65	66.77 6.34 -8.00	77.11 6.72 -14.35	105.82 7.56 -35.24	143.32 10.36 -51.41	142.53 13.12 -23.64	157.06 14.33 -29.90	99.85 10.33 -0.47	70.14 6.89 -0.01	58.79 5.97 -0.01	48.24 4.43 -0.01
GOWANUS_GT4_6 24135	43.58 3.45 -0.01	35.85 2.72 -0.01	34.86 2.58 -0.01	33.44 2.48 -0.01	32.68 2.45 -0.01	35.21 2.70 -0.01	42.28 3.67 -0.01	44.66 4.06 -0.01	43.81 4.45 -0.02	44.92 4.88 -0.02	46.39 5.22 -0.05	54.89 6.10 -1.52	59.69 6.51 -3.14	62.61 6.69 -3.65	66.77 6.34 -8.00	77.11 6.72 -14.35	105.82 7.56 -35.24	143.32 10.36 -51.41	142.53 13.12 -23.64	157.06 14.33 -29.90	99.85 10.33 -0.47	70.14 6.89 -0.01	58.79 5.97 -0.01	48.24 4.43 -0.01
GOWANUS_GT4_7 24136	43.58 3.45 -0.01	35.85 2.72 -0.01	34.86 2.58 -0.01	33.44 2.48 -0.01	32.68 2.45 -0.01	35.21 2.70 -0.01	42.28 3.67 -0.01	44.66 4.06 -0.01	43.81 4.45 -0.02	44.92 4.88 -0.02	46.39 5.22 -0.05	54.89 6.10 -1.52	59.69 6.51 -3.14	62.61 6.69 -3.65	66.77 6.34 -8.00	77.11 6.72 -14.35	105.82 7.56 -35.24	143.32 10.36 -51.41	142.53 13.12 -23.64	157.06 14.33 -29.90	99.85 10.33 -0.47	70.14 6.89 -0.01	58.79 5.97 -0.01	48.24 4.43 -0.01
GOWANUS_GT4_8 24137	43.58 3.45 -0.01	35.85 2.72 -0.01	34.86 2.58 -0.01	33.44 2.48 -0.01	32.68 2.45 -0.01	35.21 2.70 -0.01	42.28 3.67 -0.01	44.66 4.06 -0.01	43.81 4.45 -0.02	44.92 4.88 -0.02	46.39 5.22 -0.05	54.89 6.10 -1.52	59.69 6.51 -3.14	62.61 6.69 -3.65	66.77 6.34 -8.00	77.11 6.72 -14.35	105.82 7.56 -35.24	143.32 10.36 -51.41	142.53 13.12 -23.64	157.06 14.33 -29.90	99.85 10.33 -0.47	70.14 6.89 -0.01	58.79 5.97 -0.01	48.24 4.43 -0.01
GREENBSH_115KV_TB3 55895	41.25 1.12 0.00	34.12 0.99 0.00	33.44 1.16 0.00	32.07 1.11 0.00	31.28 1.06 0.00	33.66 1.17 0.00	39.80 1.20 0.00	41.89 1.30 0.00	40.53 1.18 0.00	41.17 1.16 0.00	42.28 1.15 0.00	48.69 1.42 0.00	51.40 1.35 0.00	53.68 1.41 0.00	53.79 1.36 0.00	57.61 1.57 0.00	64.78 1.76 0.00	84.00 2.45 0.00	108.84 3.07 0.00	118.55 3.27 -2.45	91.54 2.49 0.00	64.94 1.71 0.00	54.18 1.37 0.00	45.17 1.36 0.00
GREENDGE_115KV_TB5 80291	40.08 -0.04 0.00	32.68 -0.43 0.01	31.89 -0.39 0.00	30.61 -0.34 0.00	29.86 -0.36 0.00	32.03 -0.42 0.04	47.93 0.00 -9.32	52.38 0.41 -11.38	50.72 0.20 -11.17	51.53 0.24 -11.27	53.08 0.33 -11.63	61.25 0.19 -13.79	65.02 0.10 -14.88	67.92 0.05 -15.60	67.87 0.26 -15.18	73.01 0.56 -16.41	81.91 0.69 -18.20	109.15 1.55 -26.05	146.80 3.07 -37.96	150.39 3.27 -34.86	110.40 2.40 -18.95	68.47 0.63 -4.60	58.24 0.58 -4.85	43.68 -0.13 0.00
GREENIDGE___3 23582	40.08 -0.04 0.00	32.68 -0.43 0.01	31.89 -0.39 0.00	30.61 -0.34 0.00	29.86 -0.36 0.00	32.03 -0.42 0.04	47.93 0.00 -9.32	52.38 0.41 -11.38	50.72 0.20 -11.17	51.53 0.24 -11.27	53.08 0.33 -11.63	61.25 0.19 -13.79	65.02 0.10 -14.88	67.92 0.05 -15.60	67.87 0.26 -15.18	73.01 0.56 -16.41	81.91 0.69 -18.20	109.15 1.55 -26.05	146.80 3.07 -37.96	150.39 3.27 -34.86	110.40 2.40 -18.95	68.47 0.63 -4.60	58.24 0.58 -4.85	43.68 -0.13 0.00
GREENIDGE___4 23583	40.08 -0.04 0.00	32.71 -0.40 0.01	31.98 -0.29 0.00	30.61 -0.34 0.00	29.89 -0.33 0.00	32.06 -0.39 0.04	47.93 0.00 -9.32	52.34 0.36 -11.38	50.80 0.28 -11.17	51.53 0.24 -11.27	53.08 0.33 -11.63	61.25 0.19 -13.79	65.28 0.35 -14.88	68.24 0.37 -15.60	67.87 0.26 -15.18	73.01 0.56 -16.41	81.91 0.69 -18.20	109.15 1.55 -26.05	146.80 3.07 -37.96	150.39 2.70 -34.86	110.31 2.31 -18.95	68.47 0.63 -4.60	58.29 0.64 -4.85	43.72 -0.09 0.00
GREENLWN_69_KV_BK 3 55738	44.62 3.89 -0.60	36.07 2.95 0.00	34.89 2.61 0.00	33.37 2.41 0.00	32.61 2.39 0.00	35.30 2.79 -0.01	42.62 4.01 0.00	44.98 4.38 0.00	43.41 4.05 -0.01	44.06 4.04 -0.01	47.33 5.22 -0.98	53.38 4.92 -1.20	57.53 5.00 -2.48	60.64 5.49 -2.88	66.27 5.87 -7.97	76.52 6.16 -14.31	120.07 7.62 -49.43	150.16 10.52 -58.09	235.21 13.54 -115.90	200.11 14.56 -72.72	125.09 10.86 -25.18	82.19 7.21 -11.74	57.72 4.91 0.00	48.19 4.38 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	43.58 3.45 -0.01	35.85 2.72 -0.01	34.86 2.58 -0.01	33.44 2.48 -0.01	32.68 2.45 -0.01	35.21 2.70 -0.01	42.28 3.67 -0.01	44.66 4.06 -0.01	43.81 4.45 -0.02	44.92 4.88 -0.02	46.39 5.22 -0.05	54.89 6.10 -1.52	59.69 6.51 -3.14	62.61 6.69 -3.65	66.77 6.34 -8.00	77.11 6.72 -14.35	105.82 7.56 -35.24	143.32 10.36 -51.41	142.53 13.12 -23.64	157.06 14.33 -29.90	99.85 10.33 -0.47	70.14 6.89 -0.01	58.79 5.97 -0.01	48.24 4.43 -0.01
GRISSOM___SOLAR 323813	42.53 2.41 0.00	35.11 1.99 0.00	34.15 1.87 0.00	32.81 1.86 0.00	32.04 1.81 0.00	34.48 1.98 -0.01	40.84 2.24 0.00	42.42 1.83 0.00	40.37 1.02 0.00	40.53 0.52 0.00	41.58 0.45 0.00	47.88 0.61 0.00	50.50 0.45 0.00	53.06 0.79 0.00	53.53 1.10 0.00	57.78 1.74 0.00	65.35 2.33 0.00	86.12 4.56 0.00	113.81 8.03 0.00	126.93 10.27 -3.83	96.79 7.74 0.00	68.30 5.06 0.00	56.72 3.91 0.00	46.70 2.89 0.00
GROVEVILLE___HYD 323602	43.58 3.45 0.00	35.81 2.68 0.00	34.82 2.55 0.00	33.37 2.41 0.00	32.55 2.33 0.00	35.10 2.60 -0.01	42.08 3.47 0.00	44.45 3.86 0.00	43.36 4.01 0.00	44.38 4.36 0.00	45.81 4.69 0.00	52.77 5.44 -0.06	56.14 5.96 -0.13	58.65 6.22 -0.16	61.01 6.45 -2.13	66.87 7.00 -3.83	79.94 8.13 -8.80	102.98 11.25 -10.18	123.10 14.49 -2.83	132.54 15.57 -4.14	100.71 11.67 0.00	70.82 7.59 0.00	58.51 5.70 0.00	48.06 4.25 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	40.25 0.12 0.00	33.09 -0.03 0.00	32.24 -0.03 0.00	30.92 -0.03 0.00	30.19 -0.03 0.00	32.45 -0.03 0.01	38.68 0.08 0.00	40.67 0.08 0.00	39.39 0.04 0.00	40.05 0.04 0.00	41.25 0.12 0.00	48.51 0.09 -1.14	52.11 0.20 -1.86	54.62 0.21 -2.14	54.08 0.31 -1.34	57.25 0.50 -0.71	63.64 0.63 0.00	84.19 1.06 -1.57	114.36 1.80 -6.79	120.76 1.69 -6.24	97.27 1.42 -6.79	63.68 0.44 0.00	53.07 0.26 0.00	43.90 0.09 0.00
HAMLTNNY_34_KV_TB 80303	40.29 0.16 0.00	33.09 -0.03 0.00	32.27 0.00 0.00	30.95 0.00 0.00	30.19 -0.03 0.00	32.45 -0.03 0.01	38.68 0.08 0.00	40.72 0.12 0.00	39.39 0.04 0.00	40.09 0.08 0.00	41.25 0.12 0.00	48.56 0.14 -1.15	52.11 0.20 -1.86	54.63 0.21 -2.15	54.09 0.31 -1.34	57.36 0.62 -0.70	63.77 0.76 0.00	84.35 1.22 -1.57	114.67 2.12 -6.78	121.10 1.92 -6.35	97.52 1.69 -6.78	63.80 0.57 0.00	53.18 0.37 0.00	43.94 0.13 0.00

HAMPSHIRE___PAPER_HYD 323593	38.64 -1.48 0.00	31.87 -1.26 0.00	30.98 -1.29 0.00	29.68 -1.27 0.00	28.98 -1.24 0.00	31.26 -1.23 0.00	36.87 -1.74 0.00	38.40 -2.19 0.00	37.03 -2.32 0.00	37.37 -2.64 0.00	38.33 -2.80 0.00	44.43 -3.12 -0.28	47.26 -3.25 -0.46	49.51 -3.29 -0.53	49.46 -3.30 -0.33	52.51 -3.70 -0.18	59.55 -3.47 0.00	78.44 -3.50 -0.39	105.77 -1.70 -1.70	113.15 -1.24 -1.56	89.68 -1.06 -1.70	62.22 -1.01 0.00	51.65 -1.16 0.00	43.16 -0.66 0.00
HARDSCRABBLE_WT_PWR 323673	40.89 0.76 0.00	33.72 0.60 0.00	32.79 0.51 0.00	31.45 0.49 0.00	30.68 0.45 0.00	33.08 0.59 0.00	39.22 0.62 0.00	41.28 0.69 0.00	40.06 0.71 0.00	40.69 0.68 0.00	41.70 0.58 0.00	47.65 0.38 0.00	50.10 0.05 0.00	52.22 -0.05 0.00	52.43 0.00 0.00	56.26 0.23 0.00	63.58 0.57 0.00	82.78 1.23 0.00	107.68 1.91 0.00	115.09 2.26 0.00	90.56 1.51 0.00	63.93 0.70 0.00	53.28 0.47 0.00	44.03 0.22 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	42.93 2.81 0.00	35.35 2.22 0.00	34.34 2.07 0.00	32.94 1.98 0.00	32.13 1.90 0.00	34.65 2.14 -0.01	41.57 2.97 0.00	43.92 3.33 0.00	42.89 3.54 0.00	43.89 3.88 0.00	45.32 4.19 0.00	51.94 4.82 0.15	54.94 5.20 0.31	57.29 5.38 0.37	86.76 5.56 -28.77	113.82 6.05 -51.73	188.86 6.93 -118.92	228.56 9.54 -137.47	156.36 12.27 -38.32	169.14 13.20 -43.11	98.84 9.80 0.00	69.56 6.32 0.00	57.62 4.81 0.00	47.36 3.55 0.00
HARSNRAD_115KV_TB1 81005	37.44 -2.69 0.00	30.07 -3.05 0.01	29.47 -2.81 0.00	28.32 -2.63 0.00	27.56 -2.66 0.00	29.29 -3.18 0.02	29.17 -3.55 5.88	30.57 -2.84 7.18	29.31 -3.03 7.01	30.50 -2.44 7.07	31.57 -2.26 7.30	35.60 -3.26 8.41	37.10 -4.00 8.95	38.85 -4.08 9.34	39.52 -3.67 9.24	41.77 -3.98 10.29	47.37 -4.98 10.66	58.72 -6.36 16.47	73.17 -8.04 24.57	90.16 -8.91 13.76	73.25 -6.68 9.12	50.87 -5.75 6.61	45.66 -4.01 3.14	40.22 -3.59 0.00
HARZA MOOSE___RIVER 24016	40.00 -0.12 0.00	32.86 -0.26 0.00	31.98 -0.29 0.00	30.64 -0.31 0.00	29.92 -0.30 0.00	32.33 -0.16 0.00	38.33 -0.27 0.00	40.19 -0.41 0.00	38.80 -0.55 0.00	39.21 -0.80 0.00	40.22 -0.90 0.00	46.67 -0.90 -0.30	49.58 -0.95 -0.48	52.10 -0.73 -0.56	51.99 -0.79 -0.35	55.38 -0.84 -0.19	62.82 -0.19 0.00	83.03 1.06 -0.41	112.21 4.65 -1.79	120.00 5.53 -1.64	95.02 4.19 -1.79	65.64 2.40 0.00	54.34 1.53 0.00	44.95 1.14 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	39.92 -0.20 0.00	32.86 -0.26 0.00	32.02 -0.26 0.00	30.71 -0.25 0.00	29.98 -0.24 0.00	32.23 -0.26 0.01	38.41 -0.19 0.00	40.43 -0.16 0.00	39.15 -0.20 0.00	39.85 -0.16 0.00	41.00 -0.12 0.00	47.69 -0.19 -0.61	50.89 -0.15 -0.99	53.26 -0.16 -1.14	53.09 -0.05 -0.72	56.53 0.11 -0.38	63.14 0.13 0.00	82.80 0.41 -0.84	110.25 0.85 -3.63	116.84 0.68 -3.33	93.30 0.62 -3.63	61.72 -0.13 1.39	52.65 -0.16 0.00	43.55 -0.26 0.00
HELLGATE_13_KV_LD 55870	43.54 3.41 0.00	35.85 2.72 -0.01	34.83 2.55 0.00	33.40 2.45 0.00	32.64 2.42 0.00	35.17 2.66 -0.01	42.19 3.59 0.00	44.61 4.02 0.00	43.76 4.41 -0.01	44.91 4.88 -0.01	46.34 5.18 -0.04	54.89 6.10 -1.52	59.56 6.51 -3.01	62.41 6.64 -3.50	66.82 6.40 -8.00	77.06 6.67 -14.35	102.97 7.56 -32.40	126.54 10.36 -34.63	122.84 13.12 -3.95	133.39 14.33 -6.23	99.26 10.33 0.12	70.07 6.83 0.00	58.72 5.91 0.00	48.20 4.38 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	43.54 3.41 0.00	35.85 2.72 -0.01	34.83 2.55 0.00	33.40 2.45 0.00	32.64 2.42 0.00	35.17 2.66 -0.01	42.19 3.59 0.00	44.61 4.02 0.00	43.76 4.41 -0.01	44.91 4.88 -0.01	46.34 5.18 -0.04	54.89 6.10 -1.52	59.56 6.51 -3.01	62.41 6.64 -3.50	66.82 6.40 -8.00	77.06 6.67 -14.35	102.97 7.56 -32.40	126.54 10.36 -34.63	122.84 13.12 -3.95	133.39 14.33 -6.23	99.26 10.33 0.12	70.07 6.83 0.00	58.72 5.91 0.00	48.20 4.38 0.00
HEMPSTEAD____ 23647	44.38 3.65 -0.61	35.94 2.81 0.00	34.76 2.49 0.00	33.31 2.35 0.00	32.55 2.33 0.00	35.20 2.70 -0.01	42.27 3.67 0.00	44.81 4.22 0.00	43.41 4.05 -0.01	43.94 3.92 -0.01	47.29 5.18 -0.98	53.76 5.29 -1.20	57.63 5.11 -2.48	60.90 5.75 -2.88	66.48 6.08 -7.97	76.80 6.44 -14.32	120.13 7.68 -49.43	150.17 10.52 -58.09	235.32 13.65 -115.90	200.11 14.56 -72.72	125.18 10.95 -25.18	82.31 7.33 -11.74	58.10 5.28 -0.01	47.93 4.12 0.00
HICKLING___1 23621	39.80 -0.32 0.00	32.34 -0.76 0.02	31.56 -0.71 0.00	30.30 -0.65 0.00	29.59 -0.63 0.00	31.65 -0.78 0.07	41.93 -0.12 -3.44	45.20 0.41 -4.20	43.80 0.28 -4.17	44.74 0.52 -4.21	46.17 0.70 -4.34	53.21 0.57 -5.37	56.42 0.45 -5.92	58.94 0.42 -6.25	59.04 0.68 -5.93	63.71 1.01 -6.66	71.23 0.95 -7.27	94.36 1.55 -11.26	126.55 2.86 -17.92	130.50 2.26 -15.41	99.86 1.96 -8.86	64.68 0.44 -1.00	55.28 0.58 -1.89	43.37 -0.44 0.00
HICKLING___2 23622	39.80 -0.32 0.00	32.34 -0.76 0.02	31.56 -0.71 0.00	30.30 -0.65 0.00	29.59 -0.63 0.00	31.65 -0.78 0.07	41.93 -0.12 -3.44	45.20 0.41 -4.20	43.80 0.28 -4.17	44.74 0.52 -4.21	46.17 0.70 -4.34	53.21 0.57 -5.37	56.42 0.45 -5.92	58.94 0.42 -6.25	59.04 0.68 -5.93	63.71 1.01 -6.66	71.23 0.95 -7.27	94.36 1.55 -11.26	126.55 2.86 -17.92	130.50 2.26 -15.41	99.86 1.96 -8.86	64.68 0.44 -1.00	55.28 0.58 -1.89	43.37 -0.44 0.00
HIGH FALLS___HY 23754	43.58 3.45 0.00	35.78 2.65 0.00	34.76 2.49 0.00	33.31 2.35 0.00	32.46 2.24 0.00	35.04 2.53 -0.01	42.11 3.51 0.00	44.49 3.90 0.00	43.32 3.97 0.00	44.26 4.24 0.00	45.61 4.48 0.00	52.33 5.06 0.00	55.60 5.56 0.00	58.18 5.91 0.00	58.51 6.08 0.00	62.71 6.67 0.00	71.02 8.00 0.00	92.97 11.42 0.00	121.00 15.23 0.00	130.56 16.59 -1.15	101.43 12.38 0.00	71.27 8.03 0.00	58.72 5.91 0.00	47.97 4.16 0.00
HIGH_RIVER___SOLAR 323847	41.93 1.81 0.00	34.62 1.49 0.00	33.69 1.42 0.00	32.35 1.39 0.00	31.58 1.36 0.00	33.99 1.50 0.00	40.34 1.74 0.00	42.17 1.58 0.00	40.41 1.06 0.00	40.74 0.72 0.00	41.78 0.66 0.00	48.12 0.85 0.00	50.85 0.80 0.00	53.21 0.94 0.00	53.48 1.05 0.00	57.60 1.57 0.00	65.09 2.08 0.00	85.39 3.83 0.00	111.80 6.03 0.00	124.15 7.33 -3.99	94.75 5.70 0.00	66.90 3.67 0.00	55.66 2.85 0.00	45.91 2.10 0.00
HILLBURN___GT 23639	42.93 2.81 0.00	35.38 2.25 0.00	34.34 2.07 0.00	32.94 1.98 0.00	32.19 1.96 0.00	34.71 2.21 -0.01	41.57 2.97 0.00	44.00 3.41 0.00	42.93 3.58 0.00	43.86 3.84 0.00	45.44 4.32 0.00	52.01 4.92 0.18	54.79 5.11 0.36	57.23 5.38 0.42	81.21 5.50 -23.28	103.89 6.00 -41.85	166.04 6.81 -96.22	202.07 9.29 -111.23	148.72 11.95 -31.00	160.76 12.86 -35.07	98.67 9.62 0.00	69.44 6.20 0.00	57.66 4.86 0.00	47.32 3.51 0.00
HILLSIDE_115KV_TB1 80332	39.44 -0.68 0.00	32.11 -0.99 0.03	31.34 -0.94 0.00	30.09 -0.87 0.00	29.35 -0.88 0.00	31.40 -1.01 0.08	40.83 -0.35 -2.57	43.81 0.08 -3.14	42.48 0.00 -3.13	43.41 0.24 -3.15	44.79 0.41 -3.25	51.59 0.19 -4.13	54.70 0.05 -4.61	57.15 0.00 -4.88	57.31 0.31 -4.57	61.78 0.62 -5.13	68.91 0.38 -5.52	90.89 0.73 -8.61	121.50 1.69 -14.04	126.25 1.13 -12.29	97.37 0.98 -7.34	63.66 -0.06 -0.49	54.35 0.11 -1.43	42.98 -0.83 0.00

HISHELDN_WT_PWR 323625	37.76 -2.37 0.00	30.53 -2.58 0.01	30.01 -2.26 0.00	28.63 -2.32 0.00	27.90 -2.33 0.00	29.73 -2.73 0.03	19.27 -2.78 16.55	17.95 -2.43 20.21	17.46 -2.16 19.72	18.07 -2.04 19.90	18.58 -2.01 20.53	20.85 -2.74 23.67	22.11 -2.75 25.18	23.04 -2.93 26.30	23.16 -3.25 26.01	25.77 -3.42 26.85	29.14 -4.22 29.65	31.91 -5.06 44.59	34.38 -6.14 65.26	57.59 -6.77 48.47	57.09 -5.34 26.62	45.58 -4.55 13.10	41.33 -3.12 8.36	40.70 -3.11 0.00
HOLTSVILLE_IC_1 23690	45.39 4.65 -0.61	36.57 3.44 0.00	35.31 3.03 0.00	33.77 2.82 0.00	33.03 2.81 0.00	35.75 3.25 -0.01	43.00 4.40 0.00	45.58 4.99 0.00	43.76 4.41 -0.01	43.74 3.72 -0.01	47.29 5.18 -0.98	53.34 4.87 -1.20	56.98 4.45 -2.48	60.48 5.33 -2.88	66.07 5.66 -7.97	76.36 6.00 -14.32	119.75 7.31 -49.43	149.92 10.28 -58.09	235.00 13.33 -115.90	199.77 14.22 -72.72	125.00 10.77 -25.18	82.12 7.14 -11.74	57.84 5.02 -0.01	48.19 4.38 0.00
HOLTSVILLE_IC_10 23699	45.80 5.06 -0.62	36.84 3.71 0.00	35.53 3.26 0.00	33.99 3.04 0.00	33.24 3.02 0.00	35.98 3.48 -0.01	43.31 4.71 0.00	45.87 5.27 0.00	43.88 4.52 -0.01	43.78 3.76 -0.01	47.33 5.22 -0.98	53.38 4.92 -1.20	57.08 4.55 -2.48	60.64 5.49 -2.88	66.22 5.82 -7.97	76.58 6.22 -14.32	120.06 7.62 -49.43	150.41 10.76 -58.09	235.74 14.07 -115.90	200.45 14.89 -72.72	125.54 11.31 -25.18	82.50 7.52 -11.74	58.10 5.28 -0.01	48.33 4.51 0.00
HOLTSVILLE_IC_2 23691	45.39 4.65 -0.61	36.57 3.44 0.00	35.31 3.03 0.00	33.77 2.82 0.00	33.03 2.81 0.00	35.75 3.25 -0.01	43.00 4.40 0.00	45.58 4.99 0.00	43.76 4.41 -0.01	43.74 3.72 -0.01	47.29 5.18 -0.98	53.34 4.87 -1.20	56.98 4.45 -2.48	60.48 5.33 -2.88	66.07 5.66 -7.97	76.36 6.00 -14.32	119.75 7.31 -49.43	149.92 10.28 -58.09	235.00 13.33 -115.90	199.77 14.22 -72.72	125.00 10.77 -25.18	82.12 7.14 -11.74	57.84 5.02 -0.01	48.19 4.38 0.00
HOLTSVILLE_IC_3 23692	45.39 4.65 -0.61	36.57 3.44 0.00	35.31 3.03 0.00	33.77 2.82 0.00	33.03 2.81 0.00	35.75 3.25 -0.01	43.00 4.40 0.00	45.58 4.99 0.00	43.76 4.41 -0.01	43.74 3.72 -0.01	47.29 5.18 -0.98	53.34 4.87 -1.20	56.98 4.45 -2.48	60.48 5.33 -2.88	66.07 5.66 -7.97	76.36 6.00 -14.32	119.75 7.31 -49.43	149.92 10.28 -58.09	235.00 13.33 -115.90	199.77 14.22 -72.72	125.00 10.77 -25.18	82.12 7.14 -11.74	57.84 5.02 -0.01	48.19 4.38 0.00
HOLTSVILLE_IC_4 23693	45.39 4.65 -0.61	36.57 3.44 0.00	35.31 3.03 0.00	33.77 2.82 0.00	33.03 2.81 0.00	35.75 3.25 -0.01	43.00 4.40 0.00	45.58 4.99 0.00	43.76 4.41 -0.01	43.74 3.72 -0.01	47.29 5.18 -0.98	53.34 4.87 -1.20	56.98 4.45 -2.48	60.48 5.33 -2.88	66.07 5.66 -7.97	76.36 6.00 -14.32	119.75 7.31 -49.43	149.92 10.28 -58.09	235.00 13.33 -115.90	199.77 14.22 -72.72	125.00 10.77 -25.18	82.12 7.14 -11.74	57.84 5.02 -0.01	48.19 4.38 0.00
HOLTSVILLE_IC_5 23694	45.39 4.65 -0.61	36.57 3.44 0.00	35.31 3.03 0.00	33.77 2.82 0.00	33.03 2.81 0.00	35.75 3.25 -0.01	43.00 4.40 0.00	45.58 4.99 0.00	43.76 4.41 -0.01	43.74 3.72 -0.01	47.29 5.18 -0.98	53.34 4.87 -1.20	56.98 4.45 -2.48	60.48 5.33 -2.88	66.07 5.66 -7.97	76.36 6.00 -14.32	119.75 7.31 -49.43	149.92 10.28 -58.09	235.00 13.33 -115.90	199.77 14.22 -72.72	125.00 10.77 -25.18	82.12 7.14 -11.74	57.84 5.02 -0.01	48.19 4.38 0.00
HOLTSVILLE_IC_6 23695	45.80 5.06 -0.62	36.84 3.71 0.00	35.53 3.26 0.00	33.99 3.04 0.00	33.24 3.02 0.00	35.98 3.48 -0.01	43.31 4.71 0.00	45.87 5.27 0.00	43.88 4.52 -0.01	43.78 3.76 -0.01	47.33 5.22 -0.98	53.38 4.92 -1.20	57.08 4.55 -2.48	60.64 5.49 -2.88	66.22 5.82 -7.97	76.58 6.22 -14.32	120.06 7.62 -49.43	150.41 10.76 -58.09	235.74 14.07 -115.90	200.45 14.89 -72.72	125.54 11.31 -25.18	82.50 7.52 -11.74	58.10 5.28 -0.01	48.33 4.51 0.00
HOLTSVILLE_IC_7 23696	45.80 5.06 -0.62	36.84 3.71 0.00	35.53 3.26 0.00	33.99 3.04 0.00	33.24 3.02 0.00	35.98 3.48 -0.01	43.31 4.71 0.00	45.87 5.27 0.00	43.88 4.52 -0.01	43.78 3.76 -0.01	47.33 5.22 -0.98	53.38 4.92 -1.20	57.08 4.55 -2.48	60.64 5.49 -2.88	66.22 5.82 -7.97	76.58 6.22 -14.32	120.06 7.62 -49.43	150.41 10.76 -58.09	235.74 14.07 -115.90	200.45 14.89 -72.72	125.54 11.31 -25.18	82.50 7.52 -11.74	58.10 5.28 -0.01	48.33 4.51 0.00
HOLTSVILLE_IC_8 23697	45.80 5.06 -0.62	36.84 3.71 0.00	35.53 3.26 0.00	33.99 3.04 0.00	33.24 3.02 0.00	35.98 3.48 -0.01	43.31 4.71 0.00	45.87 5.27 0.00	43.88 4.52 -0.01	43.78 3.76 -0.01	47.33 5.22 -0.98	53.38 4.92 -1.20	57.08 4.55 -2.48	60.64 5.49 -2.88	66.22 5.82 -7.97	76.58 6.22 -14.32	120.06 7.62 -49.43	150.41 10.76 -58.09	235.74 14.07 -115.90	200.45 14.89 -72.72	125.54 11.31 -25.18	82.50 7.52 -11.74	58.10 5.28 -0.01	48.33 4.51 0.00
HOLTSVILLE_IC_9 23698	45.80 5.06 -0.62	36.84 3.71 0.00	35.53 3.26 0.00	33.99 3.04 0.00	33.24 3.02 0.00	35.98 3.48 -0.01	43.31 4.71 0.00	45.87 5.27 0.00	43.88 4.52 -0.01	43.78 3.76 -0.01	47.33 5.22 -0.98	53.38 4.92 -1.20	57.08 4.55 -2.48	60.64 5.49 -2.88	66.22 5.82 -7.97	76.58 6.22 -14.32	120.06 7.62 -49.43	150.41 10.76 -58.09	235.74 14.07 -115.90	200.45 14.89 -72.72	125.54 11.31 -25.18	82.50 7.52 -11.74	58.10 5.28 -0.01	48.33 4.51 0.00
HOMER_HL_115KV_TB2 355744	38.16 -1.97 0.00	30.80 -2.32 0.01	30.14 -2.13 0.00	28.91 -2.04 0.00	28.14 -2.09 0.00	30.22 -2.24 0.03	32.21 -0.42 5.97	33.63 0.32 7.29	32.37 0.12 7.10	33.49 0.64 7.17	34.59 0.86 7.40	39.17 0.43 8.52	41.03 0.05 9.07	42.91 0.10 9.47	43.64 0.58 9.37	48.72 0.90 8.22	53.69 0.13 9.45	66.91 0.00 14.64	84.59 0.63 21.82	95.75 -0.34 16.74	80.26 -0.36 8.43	56.64 -0.57 6.03	50.42 0.16 2.55	41.31 -2.50 0.00
HOWARD_WT_PWR 323690	38.28 -1.85 0.00	31.09 -2.02 0.01	30.44 -1.84 0.00	29.10 -1.86 0.00	28.32 -1.90 0.00	30.34 -2.11 0.05	60.09 -1.78 -23.27	67.66 -1.34 -28.40	65.92 -1.22 -27.79	66.74 -1.32 -28.04	68.82 -1.23 -28.93	79.24 -1.70 -33.67	84.23 -1.80 -35.99	87.81 -2.09 -37.64	86.78 -2.67 -37.02	93.83 -2.74 -40.54	105.28 -3.15 -45.42	142.01 -3.59 -64.04	192.47 -3.80 -90.50	190.82 -4.52 -82.51	128.73 -3.47 -43.15	73.54 -3.60 -13.90	62.57 -2.43 -12.19	41.01 -2.80 0.00
HQ_GEN_CEDARS 23644	39.44 -0.68 0.00	32.63 -0.50 0.00	31.76 -0.52 0.00	30.46 -0.50 0.00	29.74 -0.48 0.00	31.94 -0.55 0.00	37.75 -0.85 0.00	39.50 -1.10 0.00	38.29 -1.06 0.00	38.89 -1.12 0.00	39.89 -1.23 0.00	45.95 -1.32 0.00	48.75 -1.30 0.00	50.96 -1.31 0.00	51.01 -1.42 0.00	54.08 -1.96 0.00	61.06 -1.95 0.00	78.86 -2.69 0.00	102.49 -3.28 0.00	109.22 -3.61 0.00	86.38 -2.67 0.00	61.65 -1.58 0.00	51.70 -1.11 0.00	43.15 -0.66 0.00
HQ_GEN_CEDARS_PROXY 323590	39.44 -0.68 0.00	32.63 -0.50 0.00	31.76 -0.52 0.00	30.46 -0.50 0.00	29.74 -0.48 0.00	31.94 -0.55 0.00	37.75 -0.85 0.00	39.54 -1.06 0.00	38.29 -1.06 0.00	38.89 -1.12 0.00	39.89 -1.23 0.00	45.95 -1.32 0.00	48.70 -1.35 0.00	50.86 -1.41 0.00	51.02 -1.41 0.00	54.07 -1.96 0.00	61.06 -1.95 0.00	78.78 -2.77 0.00	102.49 -3.28 0.00	109.21 -3.61 0.00	86.38 -2.67 0.00	67.68 -1.58 -6.02	46.52 -1.21 5.08	42.21 -0.66 0.94

HQ_GEN_CHPE_PROXY 323851	43.29 3.17 0.00	35.68 2.55 0.00	34.60 2.33 0.00	33.21 2.26 0.00	32.49 2.27 0.00	34.97 2.47 -0.01	42.00 3.40 0.00	44.45 3.86 0.00	43.45 4.09 -0.01	44.43 4.40 -0.01	46.01 4.85 -0.04	54.37 5.62 -1.47	58.90 5.80 -3.05	61.93 6.11 -3.55	66.51 6.08 -8.00	76.95 6.55 -14.36	97.91 7.24 -27.65	97.91 9.86 -6.49	97.91 12.58 20.44	97.91 13.53 28.45	97.91 9.97 1.11	75.96 6.70 -6.02	53.39 5.65 5.07	46.81 3.94 0.94
HQ_GEN_IMPORT 323601	39.72 -0.40 0.00	32.83 -0.30 0.00	31.98 -0.29 0.00	30.67 -0.28 0.00	29.95 -0.27 0.00	32.17 -0.32 0.00	38.18 -0.42 0.00	40.11 -0.49 0.00	38.88 -0.47 0.00	39.54 -0.48 0.00	40.63 -0.49 0.00	46.71 -0.57 0.00	49.45 -0.60 0.00	51.65 -0.62 0.00	51.80 -0.63 0.00	55.20 -0.84 0.00	62.07 -0.94 0.00	80.00 -1.55 0.00	103.76 -2.01 0.00	110.57 -2.26 0.00	87.35 -1.69 0.00	68.37 -0.89 -6.02	47.10 -0.63 5.08	42.47 -0.40 0.94
HQ_GEN_WHEEL 23651	39.72 -0.40 0.00	32.83 -0.30 0.00	31.98 -0.29 0.00	30.67 -0.28 0.00	29.95 -0.27 0.00	32.17 -0.32 0.00	38.18 -0.42 0.00	40.11 -0.49 0.00	38.88 -0.47 0.00	39.54 -0.48 0.00	40.63 -0.49 0.00	46.71 -0.57 0.00	49.45 -0.60 0.00	51.65 -0.62 0.00	51.80 -0.63 0.00	55.20 -0.84 0.00	62.07 -0.94 0.00	80.00 -1.55 0.00	103.76 -2.01 0.00	110.57 -2.26 0.00	87.35 -1.69 0.00	68.37 -0.89 -6.02	47.10 -0.63 5.08	42.47 -0.40 0.94
HUDSON_AVE_GT_3 23810	43.42 3.29 0.00	35.68 2.55 0.00	34.69 2.42 0.00	33.21 2.26 0.00	32.46 2.24 0.00	35.00 2.50 -0.01	42.11 3.51 0.00	44.53 3.94 0.00	43.69 4.33 -0.01	44.79 4.76 -0.01	46.22 5.06 -0.04	54.59 5.81 -1.51	59.38 6.21 -3.12	62.29 6.38 -3.64	66.77 6.34 -8.00	77.24 6.84 -14.36	105.77 7.56 -35.20	143.25 10.28 -51.42	142.53 13.12 -23.64	156.94 14.22 -29.90	99.84 10.33 -0.46	70.19 6.96 0.00	58.62 5.81 0.00	47.97 4.16 0.00
HUDSON_AVE_GT_4 23540	43.42 3.29 0.00	35.68 2.55 0.00	34.69 2.42 0.00	33.21 2.26 0.00	32.46 2.24 0.00	35.00 2.50 -0.01	42.11 3.51 0.00	44.53 3.94 0.00	43.69 4.33 -0.01	44.79 4.76 -0.01	46.22 5.06 -0.04	54.59 5.81 -1.51	59.38 6.21 -3.12	62.29 6.38 -3.64	66.77 6.34 -8.00	77.24 6.84 -14.36	105.77 7.56 -35.20	143.25 10.28 -51.42	142.53 13.12 -23.64	156.94 14.22 -29.90	99.84 10.33 -0.46	70.19 6.96 0.00	58.62 5.81 0.00	47.97 4.16 0.00
HUDSON_AVE_GT_5 23657	43.42 3.29 0.00	35.68 2.55 0.00	34.69 2.42 0.00	33.21 2.26 0.00	32.46 2.24 0.00	35.00 2.50 -0.01	42.11 3.51 0.00	44.53 3.94 0.00	43.69 4.33 -0.01	44.79 4.76 -0.01	46.22 5.06 -0.04	54.59 5.81 -1.51	59.38 6.21 -3.12	62.29 6.38 -3.64	66.77 6.34 -8.00	77.24 6.84 -14.36	105.77 7.56 -35.20	143.25 10.28 -51.42	142.53 13.12 -23.64	156.94 14.22 -29.90	99.84 10.33 -0.46	70.19 6.96 0.00	58.62 5.81 0.00	47.97 4.16 0.00
HUDSON_AVE_10 24168	43.29 3.17 0.00	35.58 2.45 0.00	34.60 2.32 0.00	33.18 2.23 0.00	32.40 2.18 0.00	34.97 2.47 -0.01	42.08 3.47 0.00	44.53 3.94 0.00	43.69 4.33 -0.01	44.75 4.72 -0.01	46.06 4.89 -0.04	54.26 5.53 -1.45	58.91 5.86 -3.01	61.97 6.06 -3.64	66.62 6.19 -8.00	77.12 6.72 -14.36	104.55 7.18 -34.36	142.76 9.79 -51.42	141.89 12.48 -23.64	156.27 13.54 -29.90	99.40 9.88 -0.46	70.13 6.89 0.00	58.62 5.81 0.00	47.97 4.16 0.00
HUDSON___115KV_TB 4 355613	42.13 2.01 0.00	34.81 1.69 0.00	34.02 1.74 0.00	32.66 1.70 0.00	31.85 1.63 0.00	34.25 1.75 0.00	40.61 2.01 0.00	42.62 2.03 0.00	41.04 1.69 0.00	41.53 1.52 0.00	42.56 1.44 0.00	49.02 1.75 0.00	51.65 1.60 0.00	53.84 1.57 0.00	53.90 1.47 0.00	57.94 1.91 0.00	65.53 2.52 0.00	85.55 4.00 0.00	111.48 5.71 0.00	121.19 6.21 -2.16	93.95 4.90 0.00	66.52 3.29 0.00	55.40 2.59 0.00	46.18 2.37 0.00
HUNTER MOUNT___DRP 323613	42.33 2.21 0.00	34.95 1.82 0.00	34.18 1.90 0.00	32.78 1.83 0.00	31.94 1.72 0.00	34.38 1.88 0.00	40.73 2.12 0.00	42.74 2.15 0.00	41.08 1.73 0.00	41.57 1.56 0.00	42.61 1.48 0.00	49.02 1.75 0.00	51.65 1.60 0.00	53.84 1.57 0.00	54.00 1.57 0.00	58.05 2.02 0.00	65.79 2.77 0.00	86.04 4.49 0.00	112.22 6.45 0.00	121.45 6.66 -1.96	94.57 5.52 0.00	66.90 3.67 0.00	55.50 2.69 0.00	46.40 2.58 0.00
HUNTINGTON_RES_REC 323705	45.09 4.37 -0.59	36.41 3.28 0.00	35.12 2.84 0.00	33.62 2.66 0.00	32.88 2.66 0.00	35.59 3.09 -0.01	42.81 4.21 0.00	45.34 4.75 0.00	43.61 4.25 -0.01	43.74 3.72 -0.01	47.24 5.14 -0.98	53.29 4.82 -1.20	56.88 4.35 -2.48	60.38 5.23 -2.88	66.01 5.61 -7.97	76.29 5.94 -14.32	119.75 7.31 -49.43	149.92 10.28 -58.09	235.00 13.33 -115.90	199.89 14.33 -72.72	125.00 10.77 -25.18	82.06 7.08 -11.74	57.78 4.96 -0.01	48.15 4.34 0.00
HUNTLEY___63 23557	38.12 -2.01 0.00	30.57 -2.55 0.01	29.98 -2.29 0.00	28.76 -2.20 0.00	27.96 -2.27 0.00	29.80 -2.66 0.03	29.30 -2.66 6.64	30.58 -1.91 8.11	29.39 -2.05 7.91	30.59 -1.44 7.98	31.65 -1.23 8.24	35.70 -2.08 9.49	37.25 -2.70 10.10	39.06 -2.67 10.55	39.74 -2.25 10.43	43.35 -2.35 10.34	48.23 -3.21 11.57	59.23 -4.49 17.83	73.63 -5.61 26.54	88.41 -6.32 18.10	74.53 -4.72 9.80	51.85 -4.43 6.96	46.64 -2.96 3.21	40.92 -2.89 0.00
HUNTLEY___64 23558	38.12 -2.01 0.00	30.57 -2.55 0.01	29.98 -2.29 0.00	28.76 -2.20 0.00	27.96 -2.27 0.00	29.80 -2.66 0.03	29.30 -2.66 6.64	30.58 -1.91 8.11	29.39 -2.05 7.91	30.59 -1.44 7.98	31.65 -1.23 8.24	35.70 -2.08 9.49	37.25 -2.70 10.10	39.06 -2.67 10.55	39.74 -2.25 10.43	43.35 -2.35 10.34	48.23 -3.21 11.57	59.23 -4.49 17.83	73.63 -5.61 26.54	88.41 -6.32 18.10	74.53 -4.72 9.80	51.85 -4.43 6.96	46.64 -2.96 3.21	40.92 -2.89 0.00
HUNTLEY___65 23559	38.12 -2.01 0.00	30.57 -2.55 0.01	29.98 -2.29 0.00	28.76 -2.20 0.00	27.96 -2.27 0.00	29.80 -2.66 0.03	29.30 -2.66 6.64	30.58 -1.91 8.11	29.39 -2.05 7.91	30.59 -1.44 7.98	31.65 -1.23 8.24	35.70 -2.08 9.49	37.25 -2.70 10.10	39.06 -2.67 10.55	39.74 -2.25 10.43	43.35 -2.35 10.34	48.23 -3.21 11.57	59.23 -4.49 17.83	73.63 -5.61 26.54	88.41 -6.32 18.10	74.53 -4.72 9.80	51.85 -4.43 6.96	46.64 -2.96 3.21	40.92 -2.89 0.00
HUNTLEY___66 23560	38.12 -2.01 0.00	30.57 -2.55 0.01	29.98 -2.29 0.00	28.76 -2.20 0.00	27.96 -2.27 0.00	29.80 -2.66 0.03	29.30 -2.66 6.64	30.58 -1.91 8.11	29.39 -2.05 7.91	30.59 -1.44 7.98	31.65 -1.23 8.24	35.70 -2.08 9.49	37.25 -2.70 10.10	39.06 -2.67 10.55	39.74 -2.25 10.43	43.35 -2.35 10.34	48.23 -3.21 11.57	59.23 -4.49 17.83	73.63 -5.61 26.54	88.41 -6.32 18.10	74.53 -4.72 9.80	51.85 -4.43 6.96	46.64 -2.96 3.21	40.92 -2.89 0.00
HUNTLEY___67 23561	37.56 -2.57 0.00	30.17 -2.95 0.01	29.56 -2.71 0.00	28.42 -2.54 0.00	27.65 -2.57 0.00	29.41 -3.05 0.03	27.94 -3.36 7.30	29.00 -2.68 8.91	27.82 -2.83 8.70	29.00 -2.24 8.78	29.97 -2.10 9.06	33.81 -3.03 10.44	35.25 -3.70 11.10	36.92 -3.76 11.59	37.56 -3.41 11.46	43.23 -3.59 9.22	46.43 -4.60 11.99	57.14 -5.79 18.63	70.62 -7.30 27.85	85.25 -8.12 19.46	74.43 -6.14 8.47	50.68 -5.31 7.25	45.60 -3.75 3.46	40.31 -3.50 0.00

HUNTLEY___68 23562	37.56 -2.57 0.00	30.17 -2.95 0.01	29.56 -2.71 0.00	28.42 -2.54 0.00	27.65 -2.57 0.00	29.41 -3.05 0.03	27.94 -3.36 7.30	29.00 -2.68 8.91	27.82 -2.83 8.70	29.00 -2.24 8.78	29.97 -2.10 9.06	33.81 -3.03 10.44	35.25 -3.70 11.10	36.92 -3.76 11.59	37.56 -3.41 11.46	43.23 -3.59 9.22	46.43 -4.60 11.99	57.14 -5.79 18.63	70.62 -7.30 27.85	85.25 -8.12 19.46	74.43 -6.14 8.47	50.68 -5.31 7.25	45.60 -3.75 3.46	40.31 -3.50 0.00
HYLAND___LFGE 323620	40.85 0.72 0.00	33.18 0.07 0.01	32.53 0.26 0.00	31.05 0.09 0.00	30.28 0.06 0.00	32.53 0.07 0.03	60.20 0.31 -21.29	67.15 0.57 -25.99	64.74 0.00 -25.39	65.12 -0.52 -25.62	66.94 -0.62 -26.44	76.38 -1.37 -30.48	81.02 -1.45 -32.43	84.62 -1.52 -33.87	79.32 -6.61 -33.50	85.69 -7.06 -36.71	96.72 -7.50 -41.21	131.18 -8.15 -57.78	178.36 -8.36 -80.95	179.69 -7.68 -74.54	122.21 -5.43 -38.60	71.14 -3.98 -11.88	65.57 1.69 -11.07	44.69 0.88 0.00
INDECK___CORINTH 23802	41.49 1.37 0.00	34.28 1.16 0.00	33.37 1.10 0.00	32.07 1.11 0.00	31.28 1.06 0.00	33.66 1.17 0.00	40.07 1.47 0.00	42.10 1.50 0.00	40.45 1.10 0.00	40.89 0.88 0.00	41.99 0.86 0.00	48.64 1.37 0.00	51.35 1.30 0.00	53.94 1.67 0.00	54.11 1.68 0.00	58.34 2.30 0.00	65.66 2.65 0.00	85.71 4.16 0.00	112.01 6.24 0.00	124.04 7.33 -3.89	94.39 5.34 0.00	66.77 3.54 0.00	55.24 2.43 0.00	45.69 1.88 0.00
INDECK___ILION 23567	41.05 0.92 0.00	33.85 0.73 0.00	32.95 0.68 0.00	31.57 0.62 0.00	30.80 0.57 0.00	33.21 0.71 0.00	39.37 0.77 0.00	41.45 0.85 0.00	40.18 0.83 0.00	40.85 0.84 0.00	41.82 0.70 0.00	47.79 0.52 0.00	50.25 0.20 0.00	52.37 0.10 0.00	52.59 0.16 0.00	56.37 0.34 0.00	63.77 0.76 0.00	82.94 1.39 0.00	107.99 2.22 0.00	115.54 2.71 0.00	90.92 1.87 0.00	64.12 0.89 0.00	53.50 0.69 0.00	44.25 0.44 0.00
INDECK___OLEAN 23982	38.20 -1.93 0.00	30.90 -2.22 0.01	30.30 -1.97 0.00	28.94 -2.01 0.00	28.17 -2.06 0.00	30.29 -2.18 0.03	32.21 -0.42 5.97	33.47 0.16 7.29	32.60 0.35 7.10	33.45 0.60 7.17	34.47 0.74 7.40	39.17 0.42 8.52	41.53 0.55 9.07	43.38 0.58 9.47	43.64 0.58 9.37	48.72 0.89 8.22	53.76 0.19 9.45	67.08 0.16 14.64	84.59 0.64 21.82	95.75 -0.34 16.74	80.71 0.09 8.43	56.64 -0.57 6.03	50.47 0.21 2.55	41.45 -2.37 0.00
INDECK___OSWEGO 23783	39.44 -0.68 0.00	32.53 -0.60 0.00	31.73 -0.55 0.00	30.40 -0.56 0.00	29.68 -0.54 0.00	31.90 -0.58 0.01	37.95 -0.66 0.00	39.82 -0.77 0.00	38.60 -0.75 0.00	39.25 -0.76 0.00	40.30 -0.82 0.00	49.23 -0.99 -2.95	53.84 -1.00 -4.80	56.80 -0.99 -5.53	54.89 -1.00 -3.46	56.92 -0.95 -1.84	62.00 -1.01 0.00	84.59 -1.06 -4.10	122.30 -1.16 -17.69	127.85 -1.24 -16.26	105.76 -0.98 -17.69	66.99 -1.08 -4.83	51.86 -0.95 0.00	42.98 -0.83 0.00
INDECK___YERKES 23781	38.16 -1.97 0.00	30.70 -2.42 0.01	30.27 -2.00 0.00	28.82 -2.14 0.00	28.02 -2.20 0.00	29.93 -2.53 0.03	29.33 -2.63 6.64	30.34 -2.15 8.11	29.79 -1.65 7.91	30.63 -1.40 7.98	31.57 -1.32 8.24	35.75 -2.03 9.49	38.05 -1.90 10.10	39.74 -1.99 10.55	39.80 -2.20 10.43	43.35 -2.35 10.34	47.79 -3.66 11.57	59.39 -4.32 17.83	73.52 -5.71 26.54	88.41 -6.32 18.10	74.18 -5.07 9.80	51.92 -4.36 6.96	47.06 -2.53 3.21	41.18 -2.63 0.00
INDIAN POINT_GT_1 24139	42.93 2.81 0.00	35.35 2.22 0.00	34.37 2.10 0.00	32.94 1.98 0.00	32.16 1.93 0.00	34.68 2.18 -0.01	41.61 3.01 0.00	43.96 3.37 0.00	43.01 3.66 0.00	44.01 4.00 0.00	45.48 4.36 0.01	51.98 4.96 0.26	54.77 5.26 0.53	57.09 5.44 0.62	67.22 5.45 -9.34	78.77 5.94 -16.79	108.30 6.68 -38.60	135.40 9.22 -44.63	130.16 11.95 -12.44	140.35 12.86 -14.66	98.58 9.53 0.00	69.43 6.20 0.00	57.67 4.86 0.00	47.40 3.59 0.00
INDIAN POINT_GT_2 23659	42.93 2.81 0.00	35.35 2.22 0.00	34.37 2.10 0.00	32.94 1.98 0.00	32.16 1.93 0.00	34.68 2.18 -0.01	41.61 3.01 0.00	43.96 3.37 0.00	43.01 3.66 0.00	44.01 4.00 0.00	45.48 4.36 0.01	51.98 4.96 0.26	54.77 5.26 0.53	57.09 5.44 0.62	67.22 5.45 -9.34	78.77 5.94 -16.79	108.30 6.68 -38.60	135.40 9.22 -44.63	130.16 11.95 -12.44	140.35 12.86 -14.66	98.58 9.53 0.00	69.43 6.20 0.00	57.67 4.86 0.00	47.40 3.59 0.00
INDIAN POINT_GT_3 24019	42.93 2.81 0.00	35.35 2.22 0.00	34.37 2.10 0.00	32.94 1.98 0.00	32.16 1.93 0.00	34.68 2.18 -0.01	41.61 3.01 0.00	43.96 3.37 0.00	43.01 3.66 0.00	44.01 4.00 0.00	45.48 4.36 0.01	51.98 4.96 0.26	54.77 5.26 0.53	57.09 5.44 0.62	67.22 5.45 -9.34	78.77 5.94 -16.79	108.30 6.68 -38.60	135.40 9.22 -44.63	130.16 11.95 -12.44	140.35 12.86 -14.66	98.58 9.53 0.00	69.43 6.20 0.00	57.67 4.86 0.00	47.40 3.59 0.00
INDIAN POINT___2 23530	42.93 2.81 0.00	35.38 2.25 0.00	34.34 2.07 0.00	32.94 1.98 0.00	32.19 1.96 0.00	34.68 2.18 -0.01	41.57 2.97 0.00	44.00 3.41 0.00	42.89 3.54 0.00	43.82 3.80 0.00	45.44 4.32 0.01	51.93 4.92 0.26	54.57 5.05 0.53	56.99 5.33 0.62	68.79 5.40 -10.96	81.62 5.88 -19.71	114.93 6.61 -45.31	143.06 9.13 -52.38	132.11 11.74 -14.60	142.49 12.63 -17.03	98.48 9.43 0.00	69.37 6.13 0.00	57.66 4.86 0.00	47.27 3.46 0.00
INDIAN POINT___3 23531	42.89 2.77 0.00	35.31 2.19 0.00	34.34 2.07 0.00	32.90 1.95 0.00	32.13 1.90 0.00	34.65 2.14 -0.01	41.57 2.97 0.00	43.92 3.33 0.00	42.93 3.58 0.00	43.97 3.96 0.00	45.40 4.28 0.01	51.90 4.87 0.24	54.70 5.15 0.50	57.02 5.33 0.58	67.19 5.35 -9.42	78.74 5.77 -16.93	108.49 6.55 -38.92	135.53 8.97 -45.00	129.84 11.53 -12.54	140.13 12.52 -14.78	98.31 9.26 0.00	69.24 6.01 0.00	57.51 4.70 0.00	47.32 3.50 0.00
INDIANHD_69_KV_BK1 55831	45.34 4.57 -0.64	36.47 3.35 0.00	35.24 2.97 0.00	33.68 2.72 0.00	32.94 2.72 0.00	35.65 3.15 -0.01	43.16 4.56 0.00	45.46 4.87 0.00	43.65 4.29 -0.01	44.02 4.00 -0.01	47.33 5.22 -0.98	53.19 4.73 -1.20	57.38 4.85 -2.48	60.53 5.38 -2.88	66.12 5.71 -7.97	76.46 6.11 -14.31	119.88 7.44 -49.43	150.08 10.44 -58.09	235.32 13.64 -115.90	200.11 14.56 -72.72	125.18 10.95 -25.18	82.50 7.53 -11.74	57.93 5.12 0.00	48.46 4.64 0.00
INGHAM_C_115KV_TB7 356103	41.05 0.92 0.00	33.85 0.73 0.00	32.95 0.68 0.00	31.57 0.62 0.00	30.80 0.57 0.00	33.21 0.71 0.00	39.37 0.77 0.00	41.45 0.85 0.00	40.18 0.83 0.00	40.85 0.84 0.00	41.82 0.70 0.00	47.79 0.52 0.00	50.25 0.20 0.00	52.37 0.10 0.00	52.59 0.16 0.00	56.37 0.34 0.00	63.77 0.76 0.00	82.94 1.39 0.00	107.99 2.22 0.00	115.54 2.71 0.00	90.92 1.87 0.00	64.12 0.89 0.00	53.50 0.69 0.00	44.25 0.44 0.00
IP CORINTH___1 23988	42.69 2.57 0.00	35.28 2.15 0.00	34.37 2.10 0.00	33.00 2.04 0.00	32.19 1.96 0.00	34.64 2.14 0.00	40.26 1.66 0.00	42.30 1.70 0.00	40.69 1.34 0.00	41.13 1.12 0.00	42.24 1.11 0.00	48.88 1.61 0.00	51.75 1.70 0.00	54.26 1.99 0.00	54.42 1.99 0.00	58.61 2.58 0.00	65.97 2.96 0.00	86.20 4.65 0.00	112.65 6.88 0.00	124.61 7.90 -3.89	94.93 5.88 0.00	67.09 3.86 0.00	55.45 2.64 0.00	45.96 2.15 0.00

IP__TICONDEROGA 23804	44.38 4.25 0.00	36.67 3.54 0.00	35.66 3.39 0.00	34.33 3.37 0.00	33.46 3.23 0.00	36.00 3.51 0.00	42.19 3.59 0.00	44.00 3.41 0.00	41.71 2.36 0.00	41.98 1.96 0.00	42.98 1.85 0.00	50.01 2.74 0.00	52.85 2.80 0.00	55.67 3.40 0.00	56.05 3.62 0.00	60.91 4.88 0.00	68.94 5.92 0.00	89.95 8.40 0.00	118.78 13.01 0.00	131.89 15.23 -3.83	100.36 11.31 0.00	70.63 7.40 0.00	57.99 5.18 0.00	47.89 4.07 0.00
ISLIP_RES_REC 323679	45.95 5.21 -0.62	36.93 3.81 0.00	35.63 3.36 0.00	34.08 3.13 0.00	33.34 3.11 0.00	36.11 3.61 -0.01	43.47 4.86 0.00	46.03 5.44 0.00	44.04 4.68 -0.01	43.94 3.92 -0.01	47.53 5.43 -0.98	53.62 5.15 -1.20	57.38 4.85 -2.48	60.90 5.75 -2.88	66.53 6.13 -7.97	76.91 6.55 -14.32	120.45 8.00 -49.43	150.97 11.33 -58.09	236.37 14.70 -115.90	201.13 15.58 -72.72	126.07 11.84 -25.18	82.88 7.90 -11.74	58.36 5.54 -0.01	48.55 4.73 0.00
JAMAICA__27_KV_LOAD 355505	43.58 3.45 0.00	35.78 2.65 0.00	34.79 2.52 0.00	33.37 2.41 0.00	32.61 2.39 0.00	35.23 2.73 -0.01	42.46 3.86 0.00	45.06 4.47 0.00	44.20 4.84 -0.01	45.23 5.20 -0.01	46.10 4.93 -0.04	54.02 5.29 -1.45	58.71 5.66 -3.01	61.71 5.80 -3.64	66.93 6.50 -8.00	77.57 7.17 -14.36	104.30 6.93 -34.36	142.60 9.62 -51.42	141.79 12.38 -23.64	156.27 13.54 -29.90	99.31 9.80 -0.46	70.89 7.65 0.00	59.37 6.55 -0.01	48.50 4.69 0.00
JANIS__SOLAR 323808	41.73 1.61 0.00	34.18 1.06 0.00	33.31 1.03 0.00	31.94 0.99 0.00	31.19 0.97 0.00	33.63 1.14 0.00	41.66 1.62 -1.44	44.26 1.91 -1.76	42.80 1.53 -1.92	43.11 1.16 -1.93	44.10 0.99 -1.99	51.04 0.99 -2.78	54.37 1.10 -3.23	57.03 1.31 -3.45	56.88 1.36 -3.09	60.81 1.63 -3.15	68.78 2.58 -3.18	91.31 4.89 -4.87	122.73 7.94 -9.02	130.10 8.69 -8.58	101.66 6.76 -5.84	67.32 3.86 -0.23	56.51 2.96 -0.75	45.65 1.84 0.00
JARVIS____ 23743	40.37 0.24 0.00	33.32 0.20 0.00	32.47 0.19 0.00	31.14 0.19 0.00	30.40 0.18 0.00	32.72 0.23 0.00	38.87 0.27 0.00	40.92 0.32 0.00	39.63 0.28 0.00	40.30 0.28 0.00	41.41 0.29 0.00	47.60 0.33 0.00	50.40 0.35 0.00	52.64 0.37 0.00	52.80 0.37 0.00	56.43 0.40 0.00	63.51 0.50 0.00	82.37 0.82 0.00	106.83 1.06 0.00	114.07 1.24 0.00	89.94 0.89 0.00	63.74 0.50 0.00	53.23 0.42 0.00	44.12 0.31 0.00
JENNISON__1 23625	42.09 1.97 0.00	34.52 1.39 -0.01	33.60 1.32 0.00	32.22 1.27 0.00	31.49 1.27 0.00	33.98 1.46 -0.03	40.49 1.89 0.00	42.79 2.19 0.00	41.44 2.09 0.00	42.14 2.12 0.00	43.35 2.22 0.00	50.15 2.55 -0.33	53.18 2.60 -0.53	55.70 2.82 -0.61	53.55 2.83 1.71	55.77 3.19 3.46	58.44 3.97 8.54	78.65 6.20 9.10	114.35 8.67 0.09	122.04 9.36 0.16	98.33 7.03 -2.25	66.78 4.17 0.62	55.93 3.12 0.00	45.83 2.02 0.00
JENNISON__2 23626	42.09 1.97 0.00	34.52 1.39 -0.01	33.60 1.32 0.00	32.22 1.27 0.00	31.49 1.27 0.00	33.98 1.46 -0.03	40.49 1.89 0.00	42.79 2.19 0.00	41.44 2.09 0.00	42.14 2.12 0.00	43.35 2.22 0.00	50.15 2.55 -0.33	53.18 2.60 -0.53	55.70 2.82 -0.61	53.55 2.83 1.71	55.77 3.19 3.46	58.44 3.97 8.54	78.65 6.20 9.10	114.35 8.67 0.09	122.04 9.36 0.16	98.33 7.03 -2.25	66.78 4.17 0.62	55.93 3.12 0.00	45.83 2.02 0.00
JERICHO_RISE_WT_PWR 323719	38.76 -1.36 0.00	32.10 -1.03 0.00	31.24 -1.03 0.00	29.99 -0.96 0.00	29.29 -0.94 0.00	31.49 -1.01 0.00	37.29 -1.31 0.00	39.13 -1.46 0.00	37.94 -1.41 0.00	38.49 -1.52 0.00	39.44 -1.69 0.00	45.43 -1.84 0.00	48.10 -1.95 0.00	50.23 -2.04 0.00	50.38 -2.05 0.00	53.35 -2.69 0.00	59.80 -3.21 0.00	76.99 -4.57 0.00	99.95 -5.82 0.00	106.51 -6.32 0.00	84.15 -4.90 0.00	60.14 -3.10 0.00	50.49 -2.32 0.00	42.28 -1.53 0.00
KATONAH__115KV_46KV_TB4 355592	43.13 3.01 0.00	35.48 2.35 0.00	34.53 2.26 0.00	33.09 2.14 0.00	32.31 2.09 0.00	34.84 2.34 -0.01	41.81 3.20 0.00	44.13 3.53 0.00	43.17 3.82 0.00	44.22 4.20 0.00	45.69 4.56 0.00	52.60 5.29 -0.03	55.77 5.66 -0.07	58.15 5.80 -0.08	63.45 5.82 -5.21	71.73 6.33 -9.36	91.78 7.25 -21.52	116.55 10.11 -24.88	125.72 13.01 -6.93	135.44 13.99 -8.62	99.47 10.42 0.00	70.00 6.77 0.00	58.04 5.23 0.00	47.67 3.86 0.00
KCE_NY_1 323755	42.17 2.05 0.00	34.85 1.72 0.00	33.92 1.65 0.00	32.59 1.64 0.00	31.79 1.57 0.00	34.18 1.69 0.00	40.69 2.08 0.00	42.74 2.15 0.00	41.20 1.85 0.00	41.69 1.68 0.00	42.81 1.69 0.00	49.45 2.18 0.00	52.30 2.25 0.00	54.88 2.61 0.00	55.15 2.72 0.00	59.34 3.31 0.00	66.73 3.72 0.00	86.93 5.38 0.00	113.17 7.40 0.00	124.99 8.35 -3.82	95.46 6.42 0.00	67.47 4.24 0.00	55.98 3.17 0.00	46.26 2.45 0.00
KCE_NY_6_ESR 323823	37.84 -2.29 0.00	30.50 -2.62 0.01	30.05 -2.23 0.00	28.63 -2.32 0.00	27.83 -2.39 0.00	29.74 -2.73 0.03	28.21 -2.63 7.77	28.92 -2.19 9.48	28.33 -1.77 9.25	29.16 -1.52 9.33	30.01 -1.48 9.63	34.00 -2.17 11.10	36.14 -2.10 11.80	37.70 -2.25 12.33	37.77 -2.46 12.19	42.52 -2.58 10.94	46.93 -3.47 12.62	57.80 -4.24 19.50	71.44 -5.29 29.05	85.35 -5.98 21.50	73.28 -4.81 10.96	51.70 -4.11 7.43	46.64 -2.69 3.47	40.79 -3.02 0.00
KEDC_PORT_JEFF_GT2 24210	45.64 4.89 -0.62	36.74 3.61 0.00	35.44 3.16 0.00	33.90 2.94 0.00	33.15 2.93 0.00	35.88 3.38 -0.01	43.19 4.59 0.00	45.75 5.16 0.00	43.80 4.45 -0.01	43.74 3.72 -0.01	47.29 5.18 -0.98	53.34 4.87 -1.20	57.03 4.51 -2.48	60.54 5.38 -2.88	66.07 5.66 -7.97	76.29 5.94 -14.32	119.37 6.93 -49.43	149.51 9.86 -58.09	234.57 12.90 -115.90	199.31 13.76 -72.72	124.55 10.32 -25.18	81.81 6.83 -11.74	57.99 5.18 -0.01	48.24 4.42 0.00
KEDC_PORT_JEFF_GT3 24211	45.64 4.89 -0.62	36.74 3.61 0.00	35.44 3.16 0.00	33.90 2.94 0.00	33.15 2.93 0.00	35.88 3.38 -0.01	43.19 4.59 0.00	45.75 5.16 0.00	43.80 4.45 -0.01	43.74 3.72 -0.01	47.29 5.18 -0.98	53.34 4.87 -1.20	57.03 4.51 -2.48	60.54 5.38 -2.88	66.07 5.66 -7.97	76.29 5.94 -14.32	119.37 6.93 -49.43	149.51 9.86 -58.09	234.57 12.90 -115.90	199.31 13.76 -72.72	124.55 10.32 -25.18	81.81 6.83 -11.74	57.99 5.18 -0.01	48.24 4.42 0.00
KEDC_GLWD_GT4 24219	44.30 3.57 -0.61	35.94 2.81 0.00	34.79 2.52 0.00	33.34 2.38 0.00	32.58 2.36 0.00	35.20 2.70 -0.01	42.23 3.63 0.00	44.78 4.18 0.00	43.49 4.13 -0.01	44.18 4.16 -0.01	47.33 5.22 -0.98	54.09 5.62 -1.20	58.13 5.60 -2.48	61.32 6.16 -2.88	66.64 6.24 -7.97	76.85 6.50 -14.32	120.06 7.62 -49.43	150.00 10.36 -58.09	235.00 13.33 -115.90	199.89 14.33 -72.72	124.91 10.68 -25.18	82.06 7.08 -11.74	58.36 5.54 -0.01	48.02 4.21 0.00
KEDC_GLWD_GT5 24220	44.30 3.57 -0.61	35.94 2.81 0.00	34.79 2.52 0.00	33.34 2.38 0.00	32.58 2.36 0.00	35.20 2.70 -0.01	42.23 3.63 0.00	44.78 4.18 0.00	43.49 4.13 -0.01	44.18 4.16 -0.01	47.33 5.22 -0.98	54.09 5.62 -1.20	58.13 5.60 -2.48	61.32 6.16 -2.88	66.64 6.24 -7.97	76.85 6.50 -14.32	120.06 7.62 -49.43	150.00 10.36 -58.09	235.00 13.33 -115.90	199.89 14.33 -72.72	124.91 10.68 -25.18	82.06 7.08 -11.74	58.36 5.54 -0.01	48.02 4.21 0.00

KENSICO____ 23655	43.05 2.93 0.00	35.44 2.32 0.00	34.44 2.16 0.00	33.00 2.04 0.00	32.25 2.02 0.00	34.78 2.27 -0.01	41.73 3.13 0.00	44.08 3.49 0.00	43.17 3.82 0.00	44.17 4.16 0.00	45.64 4.52 0.01	52.10 5.15 0.32	54.89 5.51 0.66	57.20 5.70 0.77	66.39 5.66 -8.30	77.07 6.11 -14.93	104.20 6.87 -34.32	130.69 9.46 -39.68	129.10 12.27 -11.06	139.18 13.20 -13.15	98.84 9.80 0.00	69.62 6.39 0.00	57.83 5.02 0.00	47.54 3.72 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	43.62 3.49 0.00	35.81 2.68 0.00	34.79 2.52 0.00	33.37 2.41 0.00	32.52 2.30 0.00	35.10 2.60 -0.01	42.11 3.51 0.00	44.45 3.86 0.00	43.29 3.94 0.00	44.18 4.16 0.00	45.53 4.40 0.00	52.24 4.96 0.00	55.45 5.41 0.00	58.02 5.75 0.00	58.41 5.98 0.00	62.59 6.56 0.00	70.89 7.88 0.00	92.89 11.34 0.00	120.90 15.13 0.00	130.37 16.47 -1.07	101.43 12.38 0.00	71.27 8.03 0.00	58.67 5.86 0.00	48.06 4.25 0.00
KIAC_JFK_GT1 23816	43.33 3.21 0.00	35.61 2.48 0.00	34.63 2.36 0.00	33.18 2.23 0.00	32.43 2.21 0.00	35.04 2.53 -0.01	42.23 3.63 0.00	44.77 4.18 0.00	43.93 4.56 -0.01	44.99 4.96 -0.01	45.85 4.69 -0.04	53.74 5.01 -1.45	58.36 5.31 -3.01	61.35 5.44 -3.64	66.41 5.98 -8.00	76.96 6.56 -14.36	103.61 6.24 -34.36	141.62 8.64 -51.42	140.52 11.11 -23.64	154.80 12.07 -29.90	98.24 8.73 -0.46	70.19 6.96 0.00	58.94 6.13 -0.01	48.19 4.38 0.00
KIAC_JFK_GT2 23817	43.33 3.21 0.00	35.61 2.48 0.00	34.63 2.36 0.00	33.18 2.23 0.00	32.43 2.21 0.00	35.04 2.53 -0.01	42.23 3.63 0.00	44.77 4.18 0.00	43.93 4.56 -0.01	44.99 4.96 -0.01	45.85 4.69 -0.04	53.74 5.01 -1.45	58.36 5.31 -3.01	61.35 5.44 -3.64	66.41 5.98 -8.00	76.96 6.56 -14.36	103.61 6.24 -34.36	141.62 8.64 -51.42	140.52 11.11 -23.64	154.80 12.07 -29.90	98.24 8.73 -0.46	70.19 6.96 0.00	58.94 6.13 -0.01	48.19 4.38 0.00
KIAC_JFK____ 323774	43.37 3.25 0.00	35.68 2.55 0.00	34.63 2.35 0.00	33.24 2.29 0.00	32.52 2.30 0.00	35.10 2.60 -0.01	42.23 3.63 0.00	44.85 4.26 0.00	43.85 4.48 -0.01	44.83 4.80 -0.01	45.77 4.61 -0.04	53.73 5.01 -1.45	58.26 5.20 -3.01	61.35 5.44 -3.64	66.40 5.97 -8.00	77.01 6.61 -14.37	103.61 6.24 -34.36	141.62 8.64 -51.42	140.52 11.10 -23.64	154.80 12.08 -29.90	98.33 8.82 -0.46	70.19 6.96 0.00	59.11 6.28 -0.01	48.15 4.34 0.00
KINTIGH_24_KV_GSU 356498	37.96 -2.17 0.00	30.70 -2.42 0.01	30.21 -2.07 0.00	28.82 -2.14 0.00	28.05 -2.18 0.00	29.90 -2.57 0.02	30.80 -3.47 4.33	32.14 -3.17 5.28	31.44 -2.76 5.16	32.29 -2.52 5.21	33.24 -2.51 5.37	37.82 -3.26 6.19	40.21 -3.25 6.59	41.94 -3.45 6.88	42.00 -3.62 6.81	44.12 -3.87 8.05	49.16 -4.66 9.19	61.59 -5.55 14.42	77.04 -7.09 21.65	87.75 -7.68 17.41	74.08 -6.24 8.73	51.97 -5.18 6.08	46.44 -3.96 2.40	41.05 -2.76 0.00
KINTIGH____ 23543	37.96 -2.17 0.00	30.60 -2.52 0.01	29.95 -2.32 0.00	28.79 -2.17 0.00	28.05 -2.18 0.00	29.84 -2.63 0.02	30.80 -3.47 4.33	32.39 -2.92 5.28	31.12 -3.07 5.16	32.25 -2.56 5.21	33.37 -2.39 5.37	37.82 -3.26 6.19	39.60 -3.85 6.59	41.42 -3.97 6.88	42.00 -3.62 6.81	44.17 -3.81 8.05	49.22 -4.60 9.19	61.51 -5.63 14.42	77.04 -7.09 21.65	87.75 -7.67 17.41	74.62 -5.70 8.73	51.91 -5.25 6.08	46.39 -4.01 2.40	40.88 -2.94 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	39.32 -0.80 0.00	32.59 -0.53 0.00	31.69 -0.58 0.00	30.40 -0.56 0.00	29.74 -0.48 0.00	31.97 -0.52 0.00	37.83 -0.77 0.00	39.70 -0.89 0.00	38.88 -0.47 0.00	39.45 -0.56 0.00	40.38 -0.74 0.00	46.47 -0.80 0.00	49.30 -0.75 0.00	51.59 -0.68 0.00	51.75 -0.68 0.00	54.19 -1.85 0.00	59.99 -3.02 0.00	77.15 -4.40 0.00	100.27 -5.50 0.00	106.85 -5.98 0.00	84.51 -4.54 0.00	60.71 -2.53 0.00	52.07 -0.74 0.00	43.46 -0.35 0.00
LACHUTE____HYDRO 323717	43.61 3.49 0.00	36.04 2.92 0.00	35.05 2.78 0.00	33.74 2.79 0.00	32.88 2.66 0.00	35.39 2.89 0.00	42.19 3.59 0.00	44.04 3.45 0.00	41.71 2.36 0.00	41.90 1.88 0.00	42.98 1.85 0.00	50.01 2.74 0.00	52.80 2.75 0.00	55.62 3.35 0.00	56.04 3.61 0.00	60.97 4.93 0.00	68.93 5.92 0.00	89.95 8.40 0.00	118.78 13.01 0.00	131.89 15.23 -3.83	100.36 11.31 0.00	70.63 7.40 0.00	58.04 5.23 0.00	47.89 4.08 0.00
LAWRNCV_115KV_TB1 80681	38.60 -1.52 0.00	31.93 -1.19 0.00	31.05 -1.23 0.00	29.78 -1.18 0.00	29.10 -1.12 0.00	31.29 -1.20 0.00	36.83 -1.78 0.00	38.28 -2.31 0.00	37.03 -2.32 0.00	37.49 -2.52 0.00	38.41 -2.71 0.00	44.29 -2.98 0.00	46.99 -3.05 0.00	49.13 -3.14 0.00	49.18 -3.25 0.00	52.17 -3.87 0.00	59.11 -3.91 0.00	76.66 -4.89 0.00	100.48 -5.29 0.00	107.41 -5.42 0.00	84.86 -4.19 0.00	60.45 -2.78 0.00	50.54 -2.27 0.00	42.41 -1.40 0.00
LEDERLE____ 23769	43.05 2.93 0.00	35.45 2.32 0.00	34.44 2.16 0.00	33.00 2.04 0.00	32.22 1.99 0.00	34.74 2.24 -0.01	41.69 3.09 0.00	44.08 3.49 0.00	43.13 3.78 0.00	44.17 4.16 0.00	45.60 4.48 0.01	52.13 5.06 0.20	55.09 5.46 0.41	57.44 5.65 0.48	74.14 5.77 -15.95	90.93 6.22 -28.67	135.98 7.06 -65.91	167.37 9.62 -76.19	139.49 12.48 -21.24	150.59 13.43 -24.33	99.02 9.97 0.00	69.69 6.45 0.00	57.77 4.96 0.00	47.49 3.68 0.00
LIGHTHSE_115KV_TB6 355974	39.80 -0.32 0.00	32.72 -0.40 0.00	31.89 -0.39 0.00	30.55 -0.40 0.00	29.86 -0.36 0.00	32.10 -0.39 0.01	38.06 -0.54 0.00	39.94 -0.65 0.00	38.56 -0.79 0.00	39.05 -0.96 0.00	40.18 -0.95 0.00	47.13 -1.09 -0.95	50.34 -1.25 -1.55	52.85 -1.20 -1.78	52.39 -1.15 -1.12	55.56 -1.06 -0.59	62.26 -0.76 0.00	82.71 -0.16 -1.32	112.73 1.27 -5.69	119.75 1.69 -5.23	95.99 1.25 -5.69	63.55 0.32 0.00	52.81 0.00 0.00	43.81 0.00 0.00
LINDEN COGEN____ 23786	43.17 3.05 0.00	35.58 2.45 0.00	34.47 2.20 0.00	33.12 2.17 0.00	32.37 2.15 0.00	34.87 2.37 -0.01	41.88 3.28 0.00	44.37 3.78 0.00	43.37 4.02 -0.01	44.39 4.36 -0.01	46.01 4.85 -0.04	54.36 5.58 -1.51	58.98 5.80 -3.13	61.92 6.01 -3.64	66.40 5.97 -8.00	76.85 6.44 -14.37	105.39 7.12 -35.26	142.68 9.70 -51.42	141.78 12.37 -23.64	156.03 13.31 -29.90	99.31 9.80 -0.46	69.75 6.51 0.00	58.52 5.71 -0.01	47.76 3.94 0.00
LINDHRST_69_KV_BK1 356055	45.35 4.61 -0.61	36.60 3.48 0.00	35.40 3.13 0.00	33.83 2.88 0.00	33.06 2.84 0.00	35.82 3.31 -0.01	43.27 4.67 0.00	45.67 5.07 0.00	44.04 4.68 -0.01	44.62 4.60 -0.01	47.94 5.84 -0.98	54.09 5.63 -1.20	58.38 5.86 -2.48	61.53 6.38 -2.88	67.16 6.76 -7.97	77.58 7.23 -14.31	121.20 8.76 -49.43	151.71 12.07 -58.09	237.43 15.76 -115.90	202.37 16.81 -72.72	126.96 12.73 -25.18	83.64 8.66 -11.74	58.94 6.13 0.00	48.98 5.17 0.00
LIPA_MISC_IPP 23656	46.72 5.98 -0.62	37.20 4.07 0.00	35.89 3.61 0.00	34.27 3.31 0.00	33.52 3.29 0.00	36.34 3.83 -0.01	44.32 5.71 0.00	46.24 5.64 0.00	43.49 4.13 -0.01	43.10 3.08 -0.01	46.38 4.28 -0.98	52.15 3.69 -1.20	56.48 3.95 -2.48	59.75 4.60 -2.88	65.43 5.03 -7.97	75.96 5.60 -14.31	119.56 7.12 -49.43	150.08 10.44 -58.09	235.42 13.75 -115.90	200.11 14.56 -72.72	125.27 11.04 -25.18	82.63 7.65 -11.74	57.62 4.81 0.00	47.97 4.16 0.00

LISF___SOLAR 323691	46.76 6.02 -0.62	37.30 4.17 0.00	35.92 3.65 0.00	34.36 3.40 0.00	33.61 3.38 0.00	36.40 3.90 -0.01	43.89 5.29 0.00	46.32 5.72 0.00	43.65 4.29 -0.01	42.98 2.96 -0.01	46.51 4.40 -0.98	52.44 3.97 -1.20	56.28 3.76 -2.48	59.86 4.71 -2.88	65.54 5.14 -7.97	76.13 5.77 -14.32	119.75 7.31 -49.43	150.32 10.68 -58.09	235.74 14.07 -115.90	200.45 14.89 -72.72	125.63 11.40 -25.18	82.56 7.58 -11.74	57.84 5.02 -0.01	47.93 4.12 0.00
LITTLE FALLS___HYD 24013	41.05 0.92 0.00	33.85 0.73 0.00	32.95 0.68 0.00	31.57 0.62 0.00	30.80 0.57 0.00	33.21 0.71 0.00	39.37 0.77 0.00	41.45 0.85 0.00	40.18 0.83 0.00	40.85 0.84 0.00	41.82 0.70 0.00	47.79 0.52 0.00	50.25 0.20 0.00	52.37 0.10 0.00	52.59 0.16 0.00	56.37 0.34 0.00	63.77 0.76 0.00	82.94 1.39 0.00	107.99 2.22 0.00	115.54 2.71 0.00	90.92 1.87 0.00	64.12 0.89 0.00	53.50 0.69 0.00	44.25 0.44 0.00
LITTLRIV_115KV_TB1 356100	38.84 -1.28 0.00	32.16 -0.96 0.00	31.24 -1.03 0.00	29.96 -0.99 0.00	29.29 -0.94 0.00	31.52 -0.97 0.00	37.10 -1.51 0.00	38.48 -2.11 0.00	37.11 -2.24 0.00	37.45 -2.56 0.00	38.37 -2.76 0.00	44.25 -3.03 0.00	46.94 -3.10 0.00	49.13 -3.14 0.00	49.13 -3.30 0.00	52.06 -3.98 0.00	59.17 -3.84 0.00	76.99 -4.57 0.00	101.33 -4.44 0.00	108.65 -4.17 0.00	85.84 -3.21 0.00	61.15 -2.09 0.00	51.01 -1.80 0.00	42.76 -1.05 0.00
LI_NEWBRDGE___DRP 323616	44.30 3.57 -0.61	35.84 2.72 0.00	34.69 2.42 0.00	33.18 2.23 0.00	32.43 2.21 0.00	35.10 2.60 -0.01	42.31 3.71 0.00	44.69 4.10 0.00	43.21 3.86 -0.01	43.90 3.88 -0.01	47.12 5.02 -0.98	53.34 4.87 -1.20	57.58 5.05 -2.48	60.64 5.49 -2.88	66.27 5.87 -7.97	76.46 6.11 -14.31	120.00 7.56 -49.43	149.92 10.28 -58.09	235.00 13.33 -115.90	200.00 14.44 -72.72	124.92 10.69 -25.18	82.00 7.02 -11.74	57.72 4.91 0.00	47.93 4.12 0.00
LOCKPORT_115KV_TB60_63_64 80432	37.48 -2.65 0.00	30.07 -3.05 0.01	29.50 -2.78 0.00	28.32 -2.63 0.00	27.56 -2.66 0.00	29.32 -3.15 0.02	29.57 -3.51 5.52	31.06 -2.80 6.74	29.78 -2.99 6.58	31.02 -2.36 6.64	32.09 -2.18 6.85	36.21 -3.17 7.89	37.75 -3.90 8.40	39.53 -3.97 8.77	40.14 -3.62 8.68	42.44 -3.87 9.73	47.58 -4.92 10.52	59.10 -6.28 16.17	73.92 -7.83 24.03	89.31 -8.80 14.72	73.81 -6.59 8.65	51.05 -5.69 6.49	45.89 -3.96 2.96	40.22 -3.59 0.00
LOCKPORT___CC1 323769	37.44 -2.69 0.00	30.17 -2.95 0.01	29.76 -2.52 0.00	28.35 -2.60 0.00	27.56 -2.66 0.00	29.38 -3.09 0.02	29.21 -3.51 5.88	30.25 -3.17 7.18	29.67 -2.68 7.01	30.54 -2.40 7.07	31.49 -2.34 7.30	35.60 -3.26 8.41	37.90 -3.20 8.95	39.48 -3.45 9.34	39.51 -3.67 9.24	41.71 -4.04 10.29	47.31 -5.04 10.66	58.88 -6.20 16.47	73.16 -8.04 24.57	90.27 -8.80 13.76	72.89 -7.04 9.12	50.94 -5.69 6.61	45.77 -3.91 3.14	40.44 -3.37 0.00
LOCKPORT___CC2 323770	37.44 -2.69 0.00	30.17 -2.95 0.01	29.76 -2.52 0.00	28.35 -2.60 0.00	27.56 -2.66 0.00	29.38 -3.09 0.02	29.21 -3.51 5.88	30.25 -3.17 7.18	29.67 -2.68 7.01	30.54 -2.40 7.07	31.49 -2.34 7.30	35.60 -3.26 8.41	37.90 -3.20 8.95	39.48 -3.45 9.34	39.51 -3.67 9.24	41.71 -4.04 10.29	47.31 -5.04 10.66	58.88 -6.20 16.47	73.16 -8.04 24.57	90.27 -8.80 13.76	72.89 -7.04 9.12	50.94 -5.69 6.61	45.77 -3.91 3.14	40.44 -3.37 0.00
LOCKPORT___CC3 323771	37.44 -2.69 0.00	30.17 -2.95 0.01	29.76 -2.52 0.00	28.35 -2.60 0.00	27.56 -2.66 0.00	29.38 -3.09 0.02	29.21 -3.51 5.88	30.25 -3.17 7.18	29.67 -2.68 7.01	30.54 -2.40 7.07	31.49 -2.34 7.30	35.60 -3.26 8.41	37.90 -3.20 8.95	39.48 -3.45 9.34	39.51 -3.67 9.24	41.71 -4.04 10.29	47.31 -5.04 10.66	58.88 -6.20 16.47	73.16 -8.04 24.57	90.27 -8.80 13.76	72.89 -7.04 9.12	50.94 -5.69 6.61	45.77 -3.91 3.14	40.44 -3.37 0.00
LOCUSVLY_69_KV_BK2 55797	44.58 3.85 -0.61	36.07 2.95 0.00	34.95 2.68 0.00	33.43 2.48 0.00	32.67 2.45 0.00	35.33 2.83 -0.01	42.58 3.98 0.00	45.02 4.42 0.00	43.65 4.29 -0.01	44.46 4.44 -0.01	47.57 5.47 -0.98	54.05 5.58 -1.20	58.38 5.86 -2.48	61.42 6.27 -2.88	66.90 6.50 -7.97	77.24 6.89 -14.31	120.63 8.19 -49.43	150.82 11.17 -58.09	236.06 14.39 -115.90	200.90 15.34 -72.72	125.72 11.49 -25.18	82.57 7.59 -11.74	58.41 5.60 0.00	48.37 4.56 0.00
LONG_LAKE_PHOENIX 24014	39.48 -0.64 0.00	32.53 -0.60 0.00	31.69 -0.58 0.00	30.40 -0.56 0.00	29.68 -0.54 0.00	31.90 -0.58 0.01	37.95 -0.66 0.00	39.90 -0.69 0.00	38.64 -0.71 0.00	39.25 -0.76 0.00	40.38 -0.74 0.00	48.52 -0.85 -2.09	52.55 -0.90 -3.41	55.26 -0.94 -3.93	54.05 -0.84 -2.46	56.56 -0.78 -1.30	62.19 -0.82 0.00	83.65 -0.82 -2.91	117.70 -0.63 -12.56	123.47 -0.90 -11.54	100.99 -0.62 -12.56	64.86 -0.89 -2.51	51.97 -0.84 0.00	43.07 -0.74 0.00
LOVETT___3 23632	42.85 2.73 0.00	35.28 2.15 0.00	34.31 2.03 0.00	32.87 1.92 0.00	32.10 1.87 0.00	34.61 2.11 -0.01	41.54 2.93 0.00	43.88 3.29 0.00	42.93 3.58 0.00	43.93 3.92 0.00	45.36 4.24 0.01	51.84 4.77 0.21	54.72 5.10 0.43	57.04 5.28 0.51	70.81 5.30 -13.08	85.27 5.72 -23.52	123.58 6.49 -54.07	152.96 8.89 -62.51	134.62 11.42 -17.42	145.27 12.30 -20.14	98.22 9.17 0.00	69.12 5.88 0.00	57.46 4.65 0.00	47.27 3.46 0.00
LOVETT___4 23642	42.85 2.73 0.00	35.28 2.15 0.00	34.31 2.03 0.00	32.87 1.92 0.00	32.10 1.87 0.00	34.61 2.11 -0.01	41.54 2.93 0.00	43.88 3.29 0.00	42.93 3.58 0.00	43.93 3.92 0.00	45.36 4.24 0.01	51.84 4.77 0.21	54.72 5.10 0.43	57.04 5.28 0.51	70.81 5.30 -13.08	85.27 5.72 -23.52	123.58 6.49 -54.07	152.96 8.89 -62.51	134.62 11.42 -17.42	145.27 12.30 -20.14	98.22 9.17 0.00	69.12 5.88 0.00	57.46 4.65 0.00	47.27 3.46 0.00
LOVETT___5 23593	42.85 2.73 0.00	35.28 2.15 0.00	34.31 2.03 0.00	32.87 1.92 0.00	32.10 1.87 0.00	34.61 2.11 -0.01	41.54 2.93 0.00	43.88 3.29 0.00	42.93 3.58 0.00	43.93 3.92 0.00	45.36 4.24 0.01	51.84 4.77 0.21	54.72 5.10 0.43	57.04 5.28 0.51	70.81 5.30 -13.08	85.27 5.72 -23.52	123.58 6.49 -54.07	152.96 8.89 -62.51	134.62 11.42 -17.42	145.27 12.30 -20.14	98.22 9.17 0.00	69.12 5.88 0.00	57.46 4.65 0.00	47.27 3.46 0.00
LOWER RAQUET___HYD 24057	38.32 -1.80 0.00	31.70 -1.42 0.00	30.82 -1.45 0.00	29.59 -1.36 0.00	28.89 -1.33 0.00	31.10 -1.40 0.00	36.56 -2.05 0.00	37.91 -2.68 0.00	36.59 -2.76 0.00	37.05 -2.96 0.00	37.96 -3.17 0.00	43.77 -3.50 0.00	46.40 -3.65 0.00	48.46 -3.81 0.00	48.65 -3.78 0.00	51.55 -4.49 0.00	58.48 -4.54 0.00	75.93 -5.63 0.00	99.85 -5.92 0.00	106.85 -5.98 0.00	84.41 -4.63 0.00	60.08 -3.16 0.00	50.06 -2.75 0.00	42.15 -1.66 0.00
LOWER___HUDSON 24059	41.85 1.72 0.00	34.58 1.46 0.00	33.69 1.42 0.00	32.35 1.39 0.00	31.58 1.36 0.00	33.99 1.50 0.00	40.42 1.81 0.00	42.54 1.95 0.00	41.12 1.77 0.00	41.66 1.64 0.00	42.77 1.65 0.00	49.30 2.03 0.00	52.15 2.10 0.00	54.62 2.35 0.00	54.84 2.41 0.00	58.84 2.80 0.00	66.16 3.15 0.00	85.95 4.40 0.00	111.37 5.60 0.00	122.38 6.20 -3.35	94.03 4.98 0.00	66.52 3.29 0.00	55.40 2.59 0.00	45.79 1.97 0.00

LOWVILLE_115KV_TB2 356335	39.40 -0.72 0.00	32.36 -0.76 0.00	31.47 -0.81 0.00	30.15 -0.80 0.00	29.44 -0.79 0.00	31.84 -0.65 0.00	37.68 -0.93 0.00	39.42 -1.18 0.00	37.97 -1.38 0.00	38.29 -1.72 0.00	39.27 -1.85 0.00	45.64 -1.99 -0.36	48.52 -2.10 -0.58	50.95 -1.99 -0.67	50.80 -2.04 -0.42	54.13 -2.13 -0.22	61.50 -1.51 0.00	81.56 -0.49 -0.49	111.92 4.02 -2.13	119.86 5.08 -1.96	95.01 3.83 -2.13	65.32 2.09 0.00	54.08 1.27 0.00	44.78 0.96 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	42.41 2.29 0.00	35.08 1.95 0.00	34.15 1.87 0.00	32.81 1.86 0.00	32.01 1.78 0.00	34.41 1.92 0.00	40.65 2.05 0.00	42.70 2.11 0.00	41.20 1.85 0.00	41.69 1.68 0.00	42.81 1.69 0.00	49.45 2.17 0.00	52.35 2.30 0.00	54.83 2.56 0.00	55.10 2.67 0.00	59.29 3.25 0.00	66.67 3.65 0.00	86.85 5.30 0.00	113.07 7.30 0.00	124.77 8.12 -3.82	95.28 6.23 0.00	67.35 4.11 0.00	55.87 3.06 0.00	46.22 2.41 0.00
LUTHERNY_35_KV_BK2 355980	42.45 2.33 0.00	35.08 1.95 0.00	34.18 1.90 0.00	32.81 1.86 0.00	32.01 1.78 0.00	34.44 1.95 0.00	40.69 2.08 0.00	42.74 2.15 0.00	41.20 1.85 0.00	41.73 1.72 0.00	42.81 1.69 0.00	49.45 2.17 0.00	52.40 2.35 0.00	54.88 2.61 0.00	55.15 2.73 0.00	59.34 3.31 0.00	66.73 3.72 0.00	86.93 5.38 0.00	113.18 7.40 0.00	124.99 8.35 -3.82	95.37 6.32 0.00	67.47 4.24 0.00	55.93 3.12 0.00	46.27 2.45 0.00
LWR__OSWEGATCHIE_HYD 23850	38.64 -1.48 0.00	31.87 -1.26 0.00	30.98 -1.29 0.00	29.65 -1.30 0.00	28.98 -1.24 0.00	31.26 -1.23 0.00	36.87 -1.74 0.00	38.40 -2.19 0.00	37.03 -2.32 0.00	37.37 -2.64 0.00	38.33 -2.80 0.00	44.44 -3.12 -0.28	47.26 -3.25 -0.46	49.56 -3.24 -0.53	49.46 -3.30 -0.33	52.51 -3.70 -0.18	59.55 -3.47 0.00	78.44 -3.51 -0.39	105.78 -1.69 -1.70	113.15 -1.24 -1.56	89.68 -1.07 -1.70	62.22 -1.01 0.00	51.70 -1.11 0.00	43.15 -0.66 0.00
LYONS_FALL_HYD 23570	40.00 -0.12 0.00	32.86 -0.27 0.00	31.98 -0.29 0.00	30.67 -0.28 0.00	29.92 -0.30 0.00	32.33 -0.16 0.00	38.33 -0.27 0.00	40.19 -0.41 0.00	38.80 -0.55 0.00	39.21 -0.80 0.00	40.22 -0.90 0.00	46.67 -0.90 -0.30	49.58 -0.95 -0.48	52.05 -0.78 -0.56	51.99 -0.78 -0.35	55.38 -0.84 -0.19	62.82 -0.19 0.00	83.02 1.06 -0.41	112.21 4.65 -1.79	120.00 5.53 -1.64	94.93 4.10 -1.79	65.64 2.40 0.00	54.34 1.53 0.00	45.00 1.18 0.00
MADISON__COUNTY_LFGE 323628	41.05 0.92 0.00	33.75 0.63 0.00	32.86 0.58 0.00	31.51 0.56 0.00	30.80 0.57 0.00	33.18 0.68 0.00	39.49 0.89 0.00	41.57 0.97 0.00	40.18 0.83 0.00	40.77 0.76 0.00	41.91 0.78 0.00	48.55 0.95 -0.33	51.59 1.00 -0.54	54.15 1.25 -0.62	54.08 1.26 -0.39	57.64 1.40 -0.21	65.03 2.02 0.00	85.44 3.43 -0.46	113.16 5.39 -1.99	120.64 5.98 -1.83	95.58 4.54 -1.99	65.20 2.72 0.76	54.76 1.95 0.00	45.21 1.40 0.00
MALONE__115KV_TB1 356076	38.96 -1.16 0.00	32.30 -0.83 0.00	31.40 -0.87 0.00	30.12 -0.84 0.00	29.44 -0.79 0.00	31.65 -0.84 0.00	37.37 -1.24 0.00	39.09 -1.50 0.00	37.89 -1.46 0.00	38.41 -1.60 0.00	39.32 -1.81 0.00	45.29 -1.99 0.00	48.05 -2.00 0.00	50.28 -1.99 0.00	50.38 -2.04 0.00	53.24 -2.80 0.00	60.05 -2.96 0.00	77.64 -3.91 0.00	101.12 -4.65 0.00	107.86 -4.96 0.00	85.31 -3.74 0.00	60.77 -2.47 0.00	51.01 -1.80 0.00	42.63 -1.18 0.00
MAPLEWOD_115KV_TB3 80458	41.65 1.52 0.00	34.45 1.32 0.00	33.66 1.39 0.00	32.32 1.36 0.00	31.52 1.30 0.00	33.92 1.43 0.00	40.18 1.58 0.00	42.30 1.70 0.00	40.96 1.61 0.00	41.57 1.56 0.00	42.65 1.52 0.00	49.16 1.89 0.00	52.00 1.95 0.00	54.36 2.09 0.00	54.58 2.15 0.00	58.50 2.47 0.00	65.79 2.77 0.00	85.38 3.83 0.00	110.64 4.87 0.00	120.98 5.30 -2.85	93.14 4.10 0.00	65.95 2.72 0.00	54.92 2.11 0.00	45.61 1.80 0.00
MAPLE_RIDGE_WT_1 323574	39.20 -0.92 0.00	32.36 -0.76 0.00	31.53 -0.74 0.00	30.24 -0.71 0.00	29.53 -0.69 0.00	31.75 -0.75 0.00	37.68 -0.93 0.00	39.62 -0.97 0.00	38.41 -0.94 0.00	39.05 -0.96 0.00	40.10 -1.03 0.00	46.14 -1.13 0.00	48.85 -1.20 0.00	50.97 -1.30 0.00	51.12 -1.31 0.00	54.58 -1.46 0.00	61.37 -1.64 0.00	79.43 -2.12 0.00	103.02 -2.75 0.00	109.90 -2.93 0.00	86.73 -2.32 0.00	61.59 -1.64 0.00	51.49 -1.32 0.00	42.76 -1.05 0.00
MAPLE_RIDGE_WT_2 323611	39.20 -0.92 0.00	32.36 -0.76 0.00	31.53 -0.74 0.00	30.24 -0.71 0.00	29.53 -0.69 0.00	31.75 -0.75 0.00	37.68 -0.93 0.00	39.62 -0.97 0.00	38.41 -0.94 0.00	39.05 -0.96 0.00	40.10 -1.03 0.00	46.14 -1.13 0.00	48.85 -1.20 0.00	50.97 -1.30 0.00	51.12 -1.31 0.00	54.58 -1.46 0.00	61.37 -1.64 0.00	79.43 -2.12 0.00	103.02 -2.75 0.00	109.90 -2.93 0.00	86.73 -2.32 0.00	61.59 -1.64 0.00	51.49 -1.32 0.00	42.76 -1.05 0.00
MARBLE_RIVER_WT_PWR 323696	38.88 -1.24 0.00	32.16 -0.96 0.00	31.34 -0.94 0.00	30.06 -0.90 0.00	29.38 -0.85 0.00	31.55 -0.94 0.00	37.41 -1.20 0.00	39.25 -1.34 0.00	38.01 -1.34 0.00	38.58 -1.44 0.00	39.56 -1.56 0.00	45.52 -1.75 0.00	48.25 -1.80 0.00	50.34 -1.93 0.00	50.54 -1.89 0.00	53.52 -2.52 0.00	59.86 -3.15 0.00	77.15 -4.41 0.00	100.06 -5.71 0.00	106.73 -6.09 0.00	84.33 -4.72 0.00	60.20 -3.03 0.00	50.59 -2.22 0.00	42.37 -1.44 0.00
MARSHVLE_115KV_TB1 80742	42.65 2.53 0.00	35.18 2.05 0.00	34.21 1.94 0.00	32.87 1.92 0.00	32.10 1.87 0.00	34.61 2.11 -0.01	41.00 2.39 0.00	42.58 1.99 0.00	40.65 1.30 0.00	40.97 0.96 0.00	42.03 0.90 0.00	48.45 1.18 0.00	51.10 1.05 0.00	53.58 1.31 0.00	53.95 1.52 0.00	58.17 2.13 0.00	65.66 2.65 0.00	86.53 4.97 0.00	114.34 8.57 0.00	126.97 10.61 -3.54	97.15 8.10 0.00	68.36 5.12 0.00	56.93 4.12 0.00	46.79 2.98 0.00
MARSH_HILL_WT_PWR 323713	38.20 -1.93 0.00	31.02 -2.09 0.01	30.37 -1.90 0.00	29.03 -1.92 0.00	28.29 -1.93 0.00	30.27 -2.18 0.05	62.22 -1.85 -25.47	70.26 -1.42 -31.09	68.46 -1.30 -30.41	69.30 -1.40 -30.68	71.46 -1.32 -31.66	82.27 -1.80 -36.80	87.51 -1.85 -39.31	91.23 -2.15 -41.11	90.11 -2.78 -40.46	97.49 -2.86 -44.31	109.40 -3.28 -49.67	147.76 -3.75 -69.95	200.40 -4.02 -98.64	197.95 -4.85 -89.97	132.33 -3.65 -46.94	74.83 -3.73 -15.33	63.67 -2.48 -13.34	40.96 -2.85 0.00
MCINTYRE_115KV_TB2 80467	39.40 -0.72 0.00	32.59 -0.53 0.00	31.66 -0.61 0.00	30.40 -0.56 0.00	29.71 -0.51 0.00	31.94 -0.55 0.00	37.60 -1.00 0.00	39.09 -1.50 0.00	37.62 -1.73 0.00	37.97 -2.04 0.00	38.90 -2.22 0.00	44.86 -2.41 0.00	47.60 -2.45 0.00	49.76 -2.51 0.00	49.81 -2.62 0.00	52.79 -3.25 0.00	59.99 -3.02 0.00	78.13 -3.43 0.00	102.60 -3.17 0.00	110.12 -2.71 0.00	87.00 -2.05 0.00	62.03 -1.20 0.00	51.81 -1.00 0.00	43.33 -0.48 0.00
MECO____69_KV_BK1 80468	43.09 2.97 0.00	35.54 2.42 0.00	34.60 2.32 0.00	33.24 2.29 0.00	32.46 2.24 0.00	34.97 2.47 -0.01	41.42 2.82 0.00	43.03 2.44 0.00	40.88 1.53 0.00	41.09 1.08 0.00	42.03 0.90 0.00	48.45 1.18 0.00	51.25 1.20 0.00	53.73 1.46 0.00	54.21 1.78 0.00	58.61 2.58 0.00	66.42 3.40 0.00	87.67 6.12 0.00	116.03 10.26 0.00	129.24 12.64 -3.77	98.58 9.53 0.00	69.37 6.13 0.00	57.46 4.65 0.00	47.32 3.50 0.00

MENANDS__115KV_TB5 355628	41.45 1.32 0.00	34.32 1.19 0.00	33.57 1.29 0.00	32.19 1.24 0.00	31.43 1.21 0.00	33.83 1.33 0.00	40.03 1.43 0.00	42.14 1.54 0.00	40.81 1.46 0.00	41.45 1.44 0.00	42.52 1.40 0.00	49.02 1.75 0.00	51.80 1.75 0.00	54.15 1.88 0.00	54.32 1.89 0.00	58.22 2.19 0.00	65.47 2.46 0.00	84.90 3.34 0.00	109.90 4.13 0.00	120.11 4.51 -2.77	92.52 3.47 0.00	65.51 2.28 0.00	54.66 1.85 0.00	45.39 1.58 0.00
MG INDUSTRY__DRP 24185	41.65 1.52 0.00	34.45 1.32 0.00	33.66 1.39 0.00	32.29 1.33 0.00	31.49 1.27 0.00	33.86 1.36 0.00	40.11 1.51 0.00	42.10 1.50 0.00	40.69 1.34 0.00	41.29 1.28 0.00	42.40 1.27 0.00	48.83 1.56 0.00	51.45 1.40 0.00	52.79 0.52 0.00	52.95 0.52 0.00	56.82 0.78 0.00	63.96 0.95 0.00	83.02 1.47 0.00	107.89 2.12 0.00	117.22 2.37 -2.02	90.92 1.87 0.00	64.50 1.26 0.00	53.81 1.00 0.00	45.61 1.80 0.00
MID__OSWEGATCHIE_HYD 23849	38.64 -1.48 0.00	31.87 -1.26 0.00	30.98 -1.29 0.00	29.65 -1.30 0.00	28.98 -1.24 0.00	31.26 -1.23 0.00	36.87 -1.74 0.00	38.40 -2.19 0.00	37.03 -2.32 0.00	37.37 -2.64 0.00	38.33 -2.80 0.00	44.44 -3.12 -0.28	47.26 -3.25 -0.46	49.56 -3.24 -0.53	49.46 -3.30 -0.33	52.51 -3.70 -0.18	59.55 -3.47 0.00	78.44 -3.51 -0.39	105.78 -1.69 -1.70	113.15 -1.24 -1.56	89.68 -1.07 -1.70	62.22 -1.01 0.00	51.70 -1.11 0.00	43.15 -0.66 0.00
MID__RAQUETTE_HYD 23851	38.32 -1.81 0.00	31.73 -1.39 0.00	30.85 -1.42 0.00	29.56 -1.39 0.00	28.89 -1.33 0.00	31.10 -1.40 0.00	36.56 -2.05 0.00	37.91 -2.68 0.00	36.64 -2.72 0.00	37.05 -2.96 0.00	37.96 -3.17 0.00	43.77 -3.50 0.00	46.44 -3.60 0.00	48.61 -3.66 0.00	48.65 -3.77 0.00	51.55 -4.48 0.00	58.48 -4.54 0.00	76.01 -5.55 0.00	99.85 -5.92 0.00	106.85 -5.98 0.00	84.42 -4.63 0.00	60.14 -3.10 0.00	50.17 -2.64 0.00	42.19 -1.62 0.00
MILLIKEN__1 23584	40.97 0.84 0.00	33.62 0.50 0.01	32.76 0.48 0.00	31.42 0.46 0.00	30.68 0.45 0.00	32.96 0.49 0.02	41.10 0.89 -1.61	44.14 1.58 -1.97	43.13 1.34 -2.44	43.75 1.28 -2.46	44.94 1.27 -2.54	52.12 1.32 -3.53	55.64 1.50 -4.09	58.22 1.57 -4.38	58.13 1.78 -3.92	61.55 1.51 -4.00	68.93 1.89 -4.02	90.21 3.10 -5.56	121.44 4.97 -10.70	127.91 5.08 -10.00	100.40 4.10 -7.26	65.69 2.15 -0.30	55.34 1.69 -0.84	44.78 0.96 0.00
MILLIKEN__2 23585	40.97 0.84 0.00	33.62 0.50 0.01	32.76 0.48 0.00	31.42 0.46 0.00	30.68 0.45 0.00	32.96 0.49 0.02	41.10 0.89 -1.61	44.14 1.58 -1.97	43.13 1.34 -2.44	43.75 1.28 -2.46	44.94 1.27 -2.54	52.12 1.32 -3.53	55.64 1.50 -4.09	58.22 1.57 -4.38	58.13 1.78 -3.92	61.55 1.51 -4.00	68.93 1.89 -4.02	90.21 3.10 -5.56	121.44 4.97 -10.70	127.91 5.08 -10.00	100.40 4.10 -7.26	65.69 2.15 -0.30	55.34 1.69 -0.84	44.78 0.96 0.00
MILLIKEN__DIESEL 23629	40.97 0.84 0.00	33.62 0.50 0.01	32.76 0.48 0.00	31.42 0.46 0.00	30.68 0.45 0.00	32.96 0.49 0.02	41.10 0.89 -1.61	44.14 1.58 -1.97	43.13 1.34 -2.44	43.75 1.28 -2.46	44.94 1.27 -2.54	52.12 1.32 -3.53	55.64 1.50 -4.09	58.22 1.57 -4.38	58.13 1.78 -3.92	61.55 1.51 -4.00	68.93 1.89 -4.02	90.21 3.10 -5.56	121.44 4.97 -10.70	127.91 5.08 -10.00	100.40 4.10 -7.26	65.69 2.15 -0.30	55.34 1.69 -0.84	44.78 0.96 0.00
MILLSEAT__LFGE 323607	38.36 -1.76 0.00	31.00 -2.12 0.01	30.53 -1.74 0.00	29.06 -1.89 0.00	28.29 -1.93 0.00	30.23 -2.24 0.02	31.41 -2.51 4.68	32.81 -2.07 5.71	32.04 -1.73 5.58	32.82 -1.56 5.63	33.87 -1.44 5.81	38.40 -2.17 6.70	40.87 -2.05 7.12	42.69 -2.15 7.44	42.66 -2.41 7.36	45.23 -2.52 8.29	50.84 -3.21 8.96	64.17 -3.59 13.79	80.91 -4.34 20.52	95.43 -4.85 12.55	77.85 -3.83 7.38	53.70 -3.54 5.99	47.92 -2.38 2.51	41.62 -2.19 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	42.97 2.85 0.00	35.35 2.22 0.00	34.40 2.13 0.00	32.97 2.01 0.00	32.19 1.96 0.00	34.71 2.21 -0.01	41.65 3.05 0.00	44.00 3.41 0.00	43.05 3.70 0.00	44.05 4.04 0.00	45.52 4.40 0.01	51.98 4.96 0.26	54.82 5.31 0.53	57.14 5.49 0.62	66.75 5.50 -8.82	77.83 5.94 -15.86	106.14 6.68 -36.45	132.91 9.22 -42.14	129.47 11.95 -11.74	139.59 12.86 -13.90	98.58 9.53 0.00	69.43 6.20 0.00	57.67 4.86 0.00	47.40 3.59 0.00
MILLWOOD_13_KV_LOAD 356217	43.05 2.93 0.00	35.44 2.32 0.00	34.47 2.19 0.00	33.03 2.07 0.00	32.25 2.02 0.00	34.78 2.27 -0.01	41.73 3.13 0.00	44.08 3.49 0.00	43.13 3.78 0.00	44.17 4.16 0.00	45.60 4.48 0.01	52.17 5.15 0.26	54.97 5.46 0.53	57.29 5.65 0.62	66.91 5.66 -8.82	78.06 6.16 -15.86	106.46 6.99 -36.45	133.32 9.62 -42.14	130.00 12.48 -11.74	140.16 13.43 -13.90	99.02 9.97 0.00	69.69 6.45 0.00	57.88 5.07 0.00	47.58 3.77 0.00
MODEL_CITY_ENERGY 24167	37.04 -3.09 0.00	29.84 -3.28 0.01	29.43 -2.84 0.00	28.01 -2.94 0.00	27.26 -2.96 0.00	29.02 -3.45 0.02	28.87 -3.90 5.83	29.90 -3.57 7.12	29.37 -3.03 6.95	30.28 -2.72 7.01	31.17 -2.72 7.24	35.25 -3.69 8.34	37.47 -3.70 8.87	39.03 -3.97 9.26	39.07 -4.20 9.16	40.70 -4.65 10.69	45.20 -5.80 12.02	55.97 -7.26 18.33	69.27 -9.41 27.09	84.71 -10.38 17.74	71.43 -8.28 9.34	49.88 -6.51 6.85	45.11 -4.49 3.21	39.96 -3.86 0.00
MODERN_LFGE__ 323580	37.04 -3.09 0.00	29.84 -3.28 0.01	29.43 -2.84 0.00	28.01 -2.94 0.00	27.26 -2.96 0.00	29.02 -3.45 0.02	28.87 -3.90 5.83	29.90 -3.57 7.12	29.37 -3.03 6.95	30.28 -2.72 7.01	31.17 -2.72 7.24	35.25 -3.69 8.34	37.47 -3.70 8.87	39.03 -3.97 9.26	39.07 -4.20 9.16	40.70 -4.65 10.69	45.20 -5.80 12.02	55.97 -7.26 18.33	69.27 -9.41 27.09	84.71 -10.38 17.74	71.43 -8.28 9.34	49.88 -6.51 6.85	45.11 -4.49 3.21	39.96 -3.86 0.00
MOHAWK_PAPER__DRP 24187	41.65 1.52 0.00	34.45 1.32 0.00	33.66 1.39 0.00	32.32 1.36 0.00	31.52 1.30 0.00	33.92 1.43 0.00	40.18 1.58 0.00	42.30 1.70 0.00	40.96 1.61 0.00	41.57 1.56 0.00	42.65 1.52 0.00	49.16 1.89 0.00	52.00 1.95 0.00	54.36 2.09 0.00	54.58 2.15 0.00	58.50 2.47 0.00	65.79 2.77 0.00	85.38 3.83 0.00	110.64 4.87 0.00	120.98 5.30 -2.85	93.14 4.10 0.00	65.95 2.72 0.00	54.92 2.11 0.00	45.61 1.80 0.00
MOHICAN__35_KV_115KV_LD 80490	42.85 2.73 0.00	35.41 2.29 0.00	34.47 2.19 0.00	33.15 2.20 0.00	32.31 2.09 0.00	34.77 2.27 0.00	40.69 2.08 0.00	42.66 2.07 0.00	41.00 1.65 0.00	41.45 1.44 0.00	42.52 1.40 0.00	49.21 1.94 0.00	52.10 2.05 0.00	54.62 2.35 0.00	54.84 2.41 0.00	59.18 3.14 0.00	66.60 3.59 0.00	87.02 5.46 0.00	113.81 8.04 0.00	125.80 9.14 -3.83	95.90 6.86 0.00	67.79 4.55 0.00	55.98 3.17 0.00	46.35 2.54 0.00
MONGAUP__HYD 23641	42.73 2.61 0.00	35.18 2.05 0.00	34.34 2.07 0.00	32.96 2.01 0.00	32.16 1.94 0.00	34.65 2.14 -0.01	41.50 2.90 0.00	43.72 3.13 0.00	42.38 3.03 0.00	43.09 3.08 0.00	44.49 3.37 0.00	50.88 3.73 0.12	53.65 3.85 0.25	56.00 4.03 0.29	14.64 4.20 41.99	-14.68 4.76 75.48	-104.72 5.79 173.52	-110.20 8.81 200.56	61.29 11.43 55.91	64.98 12.75 60.60	98.67 9.62 0.00	69.37 6.13 0.00	57.35 4.54 0.00	47.01 3.20 0.00

MONTAUK___DIESEL 23721	46.36 5.62 -0.62	36.84 3.71 0.00	35.50 3.23 0.00	33.86 2.91 0.00	33.12 2.90 0.00	35.91 3.41 -0.01	43.70 5.10 0.00	45.51 4.91 0.00	42.94 3.58 -0.01	42.46 2.44 -0.01	45.81 3.70 -0.98	51.49 3.03 -1.20	55.88 3.35 -2.48	59.12 3.97 -2.88	64.86 4.46 -7.97	75.51 5.16 -14.31	119.12 6.68 -49.43	149.59 9.95 -58.09	233.94 12.27 -115.90	198.42 12.86 -72.72	123.94 9.71 -25.18	81.75 6.77 -11.74	56.61 3.80 0.00	47.05 3.24 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	37.56 -2.57 0.00	30.27 -2.85 0.01	29.69 -2.58 0.00	28.51 -2.45 0.00	27.86 -2.36 0.00	29.90 -2.57 0.03	29.33 -2.16 7.11	30.46 -1.46 8.67	29.24 -1.65 8.46	30.12 -1.36 8.54	31.08 -1.23 8.81	35.04 -2.08 10.15	36.60 -2.65 10.80	38.22 -2.77 11.28	38.86 -2.41 11.16	43.59 -2.47 9.98	48.10 -3.34 11.57	59.53 -4.16 17.87	74.32 -4.87 26.59	90.12 -3.05 19.66	75.08 -4.01 9.96	52.41 -3.92 6.91	46.81 -2.80 3.20	40.13 -3.68 0.00
MORRIS_RIDGE___SOLAR 323848	38.32 -1.80 0.00	31.09 -2.02 0.01	30.50 -1.78 0.00	29.13 -1.83 0.00	28.38 -1.84 0.00	30.35 -2.11 0.04	8.90 -1.97 27.74	5.03 -1.70 33.86	4.65 -1.65 33.05	4.99 -1.68 33.35	5.07 -1.65 34.40	5.64 -2.17 39.46	5.99 -2.20 41.86	6.24 -2.35 43.67	6.25 -2.83 43.35	6.98 -2.86 46.20	7.98 -3.34 51.69	1.13 -3.83 76.59	-8.73 -4.13 110.37	21.19 -4.63 87.00	40.29 -3.38 45.38	39.57 -3.29 20.37	36.41 -2.17 14.23	41.36 -2.45 0.00
MORTIMER_115KV_TB3 55949	39.36 -0.76 0.00	32.03 -1.09 0.01	31.27 -1.00 0.00	30.03 -0.93 0.00	29.26 -0.97 0.00	31.31 -1.17 0.02	37.03 -1.58 -0.01	39.50 -1.10 -0.01	38.06 -1.30 -0.01	39.02 -1.00 -0.01	40.35 -0.78 -0.01	46.19 -1.09 -0.01	48.81 -1.25 -0.01	51.03 -1.25 -0.01	51.28 -1.15 -0.01	54.96 -1.01 0.07	61.75 -1.26 0.00	79.85 -1.30 0.39	103.44 -1.38 0.96	111.16 -1.81 -0.14	87.84 -1.07 0.14	58.40 -1.71 3.13	51.40 -1.43 -0.02	42.80 -1.01 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	43.25 3.13 0.00	35.58 2.45 0.00	34.60 2.32 0.00	33.15 2.20 0.00	32.40 2.18 0.00	34.94 2.44 -0.01	41.96 3.36 0.00	44.37 3.78 0.00	43.49 4.13 -0.01	44.55 4.52 -0.01	46.01 4.85 -0.04	54.24 5.58 -1.39	58.83 5.91 -2.87	61.73 6.12 -3.34	66.50 6.08 -7.99	76.88 6.50 -14.34	102.43 7.25 -32.17	124.81 9.87 -33.39	124.44 12.69 -5.97	133.00 13.65 -6.52	98.86 9.97 0.17	69.94 6.70 0.00	58.30 5.49 0.00	47.80 3.99 0.00
MUNSVILLE_WIND_PWR 323609	42.61 2.49 0.00	34.92 1.79 0.00	33.95 1.68 0.00	32.62 1.67 0.00	31.82 1.60 0.00	34.42 1.92 -0.01	42.13 2.47 -1.05	44.68 2.80 -1.29	43.22 2.48 -1.39	43.66 2.24 -1.40	44.75 2.18 -1.45	51.94 2.60 -2.07	55.18 2.70 -2.43	58.02 3.14 -2.61	57.83 3.09 -2.31	61.91 3.53 -2.34	70.20 4.85 -2.33	93.41 8.15 -3.70	124.65 11.84 -7.03	132.66 12.97 -6.86	103.38 9.71 -4.62	69.14 5.88 -0.03	57.69 4.33 -0.55	46.66 2.85 0.00
N SALMON___HYD 24042	38.96 -1.16 0.00	32.26 -0.86 0.00	31.37 -0.90 0.00	30.12 -0.83 0.00	29.44 -0.79 0.00	31.65 -0.85 0.00	37.37 -1.24 0.00	39.13 -1.46 0.00	37.86 -1.50 0.00	38.41 -1.60 0.00	39.32 -1.81 0.00	45.29 -1.98 0.00	48.04 -2.00 0.00	50.18 -2.09 0.00	50.38 -2.05 0.00	53.24 -2.80 0.00	60.05 -2.96 0.00	77.56 -3.99 0.00	101.12 -4.65 0.00	107.87 -4.96 0.00	85.31 -3.74 0.00	60.70 -2.53 0.00	50.80 -2.01 0.00	42.63 -1.18 0.00
N.AKRON__115KV_KNAPP 355671	38.32 -1.81 0.00	30.83 -2.29 0.01	30.21 -2.07 0.00	28.97 -1.98 0.00	28.20 -2.02 0.00	30.07 -2.40 0.02	31.11 -2.62 4.87	32.78 -1.87 5.94	31.42 -2.12 5.80	32.52 -1.64 5.86	33.68 -1.40 6.05	38.08 -2.22 6.97	39.84 -2.80 7.41	41.71 -2.82 7.74	42.31 -2.46 7.65	44.84 -2.58 8.61	50.42 -3.28 9.31	63.23 -4.00 14.33	79.81 -4.65 21.31	94.60 -5.19 13.04	77.65 -3.74 7.66	53.34 -3.79 6.10	47.61 -2.59 2.61	41.31 -2.50 0.00
N.BELMOR_69_KV_BK1 55787	44.62 3.89 -0.61	36.11 2.98 0.00	34.95 2.68 0.00	33.43 2.48 0.00	32.67 2.45 0.00	35.36 2.86 -0.01	42.62 4.01 0.00	45.02 4.42 0.00	43.57 4.21 -0.01	44.30 4.28 -0.01	47.49 5.39 -0.98	53.86 5.39 -1.20	58.03 5.51 -2.48	61.06 5.91 -2.88	66.64 6.24 -7.97	77.02 6.67 -14.31	120.38 7.94 -49.43	150.57 10.93 -58.09	235.85 14.17 -115.90	200.79 15.23 -72.72	125.63 11.40 -25.18	82.82 7.84 -11.74	58.41 5.60 0.00	48.41 4.60 0.00
N.E_GEN_SANDY PD 24062	42.17 2.05 0.00	35.72 1.72 -0.87	33.92 1.65 0.00	32.56 1.61 0.00	34.75 1.57 -2.96	35.02 1.72 -0.80	44.30 2.12 -3.58	45.28 2.39 -2.29	43.79 2.36 -2.08	42.29 2.28 0.00	43.51 2.38 0.00	50.06 2.79 0.00	53.00 2.95 0.00	58.25 3.19 -2.79	65.04 3.25 -9.36	63.64 3.53 -4.07	75.62 3.97 -8.63	94.47 5.46 -7.45	112.44 6.67 0.00	121.76 7.23 -1.70	94.92 5.88 0.00	74.67 3.86 -7.58	62.33 3.12 -6.40	50.00 2.36 -3.82
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	42.93 2.81 0.00	35.35 2.22 0.00	34.34 2.07 0.00	32.90 1.95 0.00	32.13 1.90 0.00	34.65 2.14 -0.01	41.57 2.97 0.00	43.96 3.37 0.00	42.97 3.62 0.00	44.01 4.00 0.01	45.44 4.32 0.01	51.94 4.87 0.20	54.83 5.20 0.42	57.17 5.38 0.49	72.68 5.45 -14.80	88.59 5.94 -26.61	130.94 6.74 -61.19	161.50 9.22 -70.73	137.33 11.85 -19.71	148.24 12.75 -22.66	98.49 9.44 0.00	69.37 6.13 0.00	57.56 4.75 0.00	47.36 3.55 0.00
N.QUEENS_27_KV_LOAD 356247	43.34 3.21 -0.01	35.70 2.58 0.01	34.77 2.49 -0.01	33.35 2.38 -0.01	32.59 2.36 -0.01	35.11 2.60 -0.01	41.91 3.32 0.01	44.25 3.65 0.00	43.37 4.01 -0.01	44.63 4.60 -0.01	46.18 5.02 -0.04	54.63 5.91 -1.45	59.31 6.26 -3.01	62.19 6.43 -3.49	66.19 5.77 -8.00	76.55 6.16 -14.35	103.41 7.37 -33.03	129.95 10.03 -38.36	129.32 12.69 -10.85	139.68 13.88 -12.97	99.22 10.15 -0.02	69.68 6.45 0.01	58.30 5.49 0.00	47.98 4.16 -0.01
N.TROY___115KV_TB1 355778	41.89 1.77 0.00	34.65 1.52 0.00	33.79 1.52 0.00	32.41 1.45 0.00	31.64 1.42 0.00	34.05 1.56 0.00	40.42 1.81 0.00	42.50 1.91 0.00	41.16 1.81 0.00	41.69 1.68 0.00	42.77 1.64 0.00	49.30 2.03 0.00	52.20 2.15 0.00	54.62 2.35 0.00	54.84 2.41 0.00	58.78 2.75 0.00	66.16 3.15 0.00	85.96 4.40 0.00	111.38 5.61 0.00	122.39 6.21 -3.35	93.95 4.90 0.00	66.46 3.23 0.00	55.35 2.53 0.00	45.83 2.02 0.00
NARROWS_GT1_1 24228	43.62 3.49 -0.01	35.95 2.81 -0.01	34.87 2.58 -0.01	33.50 2.54 -0.01	32.74 2.51 -0.01	35.27 2.76 -0.01	42.28 3.67 -0.01	44.74 4.14 -0.01	43.73 4.37 -0.02	44.76 4.72 -0.02	46.35 5.18 -0.05	54.89 6.10 -1.52	59.54 6.36 -3.14	62.56 6.64 -3.65	66.77 6.34 -8.00	77.12 6.72 -14.36	105.82 7.56 -35.24	143.32 10.36 -51.41	142.63 13.22 -23.64	156.83 14.10 -29.90	99.93 10.41 -0.47	70.20 6.96 -0.01	58.90 6.07 -0.01	48.20 4.38 -0.01
NARROWS_GT1_2 24229	43.62 3.49 -0.01	35.95 2.81 -0.01	34.87 2.58 -0.01	33.50 2.54 -0.01	32.74 2.51 -0.01	35.27 2.76 -0.01	42.28 3.67 -0.01	44.74 4.14 -0.01	43.73 4.37 -0.02	44.76 4.72 -0.02	46.35 5.18 -0.05	54.89 6.10 -1.52	59.54 6.36 -3.14	62.56 6.64 -3.65	66.77 6.34 -8.00	77.12 6.72 -14.36	105.82 7.56 -35.24	143.32 10.36 -51.41	142.63 13.22 -23.64	156.83 14.10 -29.90	99.93 10.41 -0.47	70.20 6.96 -0.01	58.90 6.07 -0.01	48.20 4.38 -0.01

NARROWS_GT1_3 24230	43.62 3.49 -0.01	35.95 2.81 -0.01	34.87 2.58 -0.01	33.50 2.54 -0.01	32.74 2.51 -0.01	35.27 2.76 -0.01	42.28 3.67 -0.01	44.74 4.14 -0.01	43.73 4.37 -0.02	44.76 4.72 -0.02	46.35 5.18 -0.05	54.89 6.10 -1.52	59.54 6.36 -3.14	62.56 6.64 -3.65	66.77 6.34 -8.00	77.12 6.72 -14.36	105.82 7.56 -35.24	143.32 10.36 -51.41	142.63 13.22 -23.64	156.83 14.10 -29.90	99.93 10.41 -0.47	70.20 6.96 -0.01	58.90 6.07 -0.01	48.20 4.38 -0.01
NARROWS_GT1_4 24231	43.62 3.49 -0.01	35.95 2.81 -0.01	34.87 2.58 -0.01	33.50 2.54 -0.01	32.74 2.51 -0.01	35.27 2.76 -0.01	42.28 3.67 -0.01	44.74 4.14 -0.01	43.73 4.37 -0.02	44.76 4.72 -0.02	46.35 5.18 -0.05	54.89 6.10 -1.52	59.54 6.36 -3.14	62.56 6.64 -3.65	66.77 6.34 -8.00	77.12 6.72 -14.36	105.82 7.56 -35.24	143.32 10.36 -51.41	142.63 13.22 -23.64	156.83 14.10 -29.90	99.93 10.41 -0.47	70.20 6.96 -0.01	58.90 6.07 -0.01	48.20 4.38 -0.01
NARROWS_GT1_5 24232	43.62 3.49 -0.01	35.95 2.81 -0.01	34.87 2.58 -0.01	33.50 2.54 -0.01	32.74 2.51 -0.01	35.27 2.76 -0.01	42.28 3.67 -0.01	44.74 4.14 -0.01	43.73 4.37 -0.02	44.76 4.72 -0.02	46.35 5.18 -0.05	54.89 6.10 -1.52	59.54 6.36 -3.14	62.56 6.64 -3.65	66.77 6.34 -8.00	77.12 6.72 -14.36	105.82 7.56 -35.24	143.32 10.36 -51.41	142.63 13.22 -23.64	156.83 14.10 -29.90	99.93 10.41 -0.47	70.20 6.96 -0.01	58.90 6.07 -0.01	48.20 4.38 -0.01
NARROWS_GT1_6 24233	43.62 3.49 -0.01	35.95 2.81 -0.01	34.87 2.58 -0.01	33.50 2.54 -0.01	32.74 2.51 -0.01	35.27 2.76 -0.01	42.28 3.67 -0.01	44.74 4.14 -0.01	43.73 4.37 -0.02	44.76 4.72 -0.02	46.35 5.18 -0.05	54.89 6.10 -1.52	59.54 6.36 -3.14	62.56 6.64 -3.65	66.77 6.34 -8.00	77.12 6.72 -14.36	105.82 7.56 -35.24	143.32 10.36 -51.41	142.63 13.22 -23.64	156.83 14.10 -29.90	99.93 10.41 -0.47	70.20 6.96 -0.01	58.90 6.07 -0.01	48.20 4.38 -0.01
NARROWS_GT1_7 24234	43.62 3.49 -0.01	35.95 2.81 -0.01	34.87 2.58 -0.01	33.50 2.54 -0.01	32.74 2.51 -0.01	35.27 2.76 -0.01	42.28 3.67 -0.01	44.74 4.14 -0.01	43.73 4.37 -0.02	44.76 4.72 -0.02	46.35 5.18 -0.05	54.89 6.10 -1.52	59.54 6.36 -3.14	62.56 6.64 -3.65	66.77 6.34 -8.00	77.12 6.72 -14.36	105.82 7.56 -35.24	143.32 10.36 -51.41	142.63 13.22 -23.64	156.83 14.10 -29.90	99.93 10.41 -0.47	70.20 6.96 -0.01	58.90 6.07 -0.01	48.20 4.38 -0.01
NARROWS_GT1_8 24235	43.62 3.49 -0.01	35.95 2.81 -0.01	34.87 2.58 -0.01	33.50 2.54 -0.01	32.74 2.51 -0.01	35.27 2.76 -0.01	42.28 3.67 -0.01	44.74 4.14 -0.01	43.73 4.37 -0.02	44.76 4.72 -0.02	46.35 5.18 -0.05	54.89 6.10 -1.52	59.54 6.36 -3.14	62.56 6.64 -3.65	66.77 6.34 -8.00	77.12 6.72 -14.36	105.82 7.56 -35.24	143.32 10.36 -51.41	142.63 13.22 -23.64	156.83 14.10 -29.90	99.93 10.41 -0.47	70.20 6.96 -0.01	58.90 6.07 -0.01	48.20 4.38 -0.01
NARROWS_GT2_1 24236	43.62 3.49 -0.01	35.95 2.81 -0.01	34.87 2.58 -0.01	33.50 2.54 -0.01	32.74 2.51 -0.01	35.27 2.76 -0.01	42.28 3.67 -0.01	44.74 4.14 -0.01	43.73 4.37 -0.02	44.76 4.72 -0.02	46.35 5.18 -0.05	54.89 6.10 -1.52	59.54 6.36 -3.14	62.56 6.64 -3.65	66.77 6.34 -8.00	77.12 6.72 -14.36	105.82 7.56 -35.24	143.32 10.36 -51.41	142.63 13.22 -23.64	156.83 14.10 -29.90	99.93 10.41 -0.47	70.20 6.96 -0.01	58.90 6.07 -0.01	48.20 4

NCHELSEA_115KV_TR2 355582	43.46 3.33 0.00	35.71 2.58 0.00	34.73 2.45 0.00	33.31 2.35 0.00	32.46 2.24 0.00	35.00 2.50 -0.01	41.96 3.36 0.00	44.29 3.69 0.00	43.21 3.86 0.00	44.18 4.16 0.00	45.57 4.44 0.00	52.42 5.11 -0.05	55.70 5.56 -0.10	58.19 5.80 -0.11	58.41 5.98 0.00	62.54 6.50 0.00	70.64 7.62 0.00	92.24 10.68 0.00	119.73 13.96 0.00	128.87 15.01 -1.03	100.27 11.22 0.00	70.57 7.34 0.00	58.30 5.49 0.00	47.89 4.07 0.00
NEG CAPITAL___MECHNVIL 23645	42.29 2.17 0.00	34.91 1.79 0.00	33.98 1.71 0.00	32.66 1.70 0.00	31.85 1.63 0.00	34.28 1.79 0.00	40.80 2.20 0.00	42.87 2.27 0.00	41.36 2.01 0.00	41.82 1.80 0.00	42.98 1.85 0.00	49.68 2.41 0.00	52.55 2.50 0.00	55.09 2.82 0.00	55.42 2.99 0.00	59.63 3.59 0.00	67.05 4.04 0.00	87.26 5.71 0.00	113.60 7.83 0.00	125.21 8.69 -3.69	95.73 6.68 0.00	67.60 4.36 0.00	56.14 3.33 0.00	46.35 2.54 0.00
NEG CENTRAL_HIGH_ACRES 23767	38.92 -1.20 0.00	31.86 -1.26 0.00	31.14 -1.13 0.00	29.78 -1.18 0.00	29.04 -1.18 0.00	31.18 -1.30 0.02	36.90 -1.70 0.00	39.09 -1.50 0.00	37.97 -1.38 0.00	38.69 -1.32 0.00	39.93 -1.19 0.00	45.85 -1.42 0.00	48.84 -1.20 0.00	51.07 -1.20 0.00	51.01 -1.41 0.00	54.68 -1.29 0.07	61.50 -1.51 0.00	79.78 -1.55 0.22	103.55 -1.70 0.52	110.81 -2.15 -0.13	87.19 -1.69 0.16	58.42 -1.96 2.85	51.12 -1.69 0.00	42.54 -1.27 0.00
NEG CENTRAL___DRP 24199	40.29 0.16 0.00	32.99 -0.13 0.01	32.15 -0.13 0.00	30.83 -0.12 0.00	30.10 -0.12 0.00	32.35 -0.13 0.02	40.79 0.12 -2.07	43.53 0.41 -2.53	42.10 0.28 -2.48	42.80 0.28 -2.50	44.12 0.41 -2.58	51.35 0.38 -3.70	54.73 0.35 -4.34	57.29 0.37 -4.66	57.07 0.52 -4.11	60.77 0.73 -4.00	67.88 0.88 -3.99	89.62 1.55 -6.52	120.61 2.86 -11.98	126.63 2.71 -11.09	99.30 2.32 -7.94	64.30 0.76 -0.31	54.47 0.58 -1.08	43.94 0.13 0.00
NEG CENTRAL___INDECK 23768	40.25 0.12 0.00	32.72 -0.40 0.01	32.08 -0.19 0.00	30.61 -0.34 0.00	29.83 -0.39 0.00	32.01 -0.45 0.03	59.72 -0.27 -21.39	66.78 0.08 -26.11	64.70 -0.16 -25.51	65.40 -0.36 -25.74	67.40 -0.29 -26.56	77.35 -0.71 -30.79	82.35 -0.55 -32.85	85.98 -0.62 -34.34	82.03 -4.24 -33.85	88.49 -4.43 -36.88	99.50 -4.92 -41.40	134.06 -5.55 -58.06	181.18 -5.92 -81.33	181.73 -5.98 -74.89	123.47 -4.36 -38.78	71.71 -3.48 -11.95	64.57 0.64 -11.13	43.94 0.13 0.00
NEG CENTRAL___SENECA 23627	40.29 0.16 0.00	32.88 -0.23 0.01	32.08 -0.19 0.00	30.80 -0.15 0.00	30.04 -0.18 0.00	32.24 -0.23 0.02	42.01 0.12 -3.29	45.14 0.53 -4.02	43.60 0.31 -3.94	44.39 0.40 -3.97	45.76 0.53 -4.10	52.87 0.47 -5.12	56.12 0.40 -5.67	58.68 0.42 -5.99	58.72 0.63 -5.66	62.82 0.90 -5.89	70.41 1.07 -6.33	92.78 1.88 -9.35	123.86 3.49 -14.60	129.42 3.16 -13.43	99.93 2.76 -8.12	64.40 0.89 -0.28	55.26 0.74 -1.71	43.94 0.13 0.00
NEG CENTRAL___STATE_STREET 24147	40.41 0.28 0.00	33.15 0.03 0.00	32.31 0.03 0.00	30.98 0.03 0.00	30.25 0.03 0.00	32.51 0.03 0.01	39.70 0.27 -0.82	42.21 0.61 -1.00	41.30 0.47 -1.48	41.99 0.48 -1.49	43.24 0.58 -1.54	50.46 0.57 -2.62	53.96 0.65 -3.26	56.55 0.73 -3.55	56.26 0.89 -2.94	59.59 0.84 -2.71	66.46 1.07 -2.38	86.81 1.79 -3.46	117.36 2.96 -8.62	123.92 2.93 -8.16	98.59 2.40 -7.14	64.16 0.95 0.03	53.92 0.69 -0.43	44.07 0.26 0.00
NEG MILLWOOD___DRP 24198	43.42 3.29 0.00	35.68 2.55 0.00	34.73 2.45 0.00	33.28 2.32 0.00	32.46 2.24 0.00	35.04 2.53 -0.01	42.00 3.40 0.00	44.33 3.73 0.00	43.32 3.97 0.00	44.38 4.36 0.00	45.81 4.69 0.00	52.80 5.48 -0.05	56.05 5.91 -0.10	58.50 6.12 -0.12	61.93 6.24 -3.26	68.73 6.84 -5.86	84.35 7.88 -13.47	108.22 11.09 -15.57	124.50 14.39 -4.34	134.07 15.46 -5.79	100.54 11.49 0.00	70.70 7.46 0.00	58.41 5.60 0.00	47.97 4.16 0.00
NEG NORTH_FLCN_SEA 23793	39.28 -0.84 0.00	32.56 -0.56 0.00	31.69 -0.58 0.00	30.40 -0.56 0.00	29.71 -0.51 0.00	31.94 -0.55 0.00	37.83 -0.77 0.00	39.70 -0.89 0.00	39.04 -0.31 0.00	39.61 -0.40 0.00	40.55 -0.58 0.00	46.70 -0.57 0.00	49.55 -0.50 0.00	51.80 -0.47 0.00	51.96 -0.47 0.00	54.19 -1.85 0.00	59.30 -3.72 0.00	76.01 -5.55 0.00	98.69 -7.09 0.00	105.16 -7.67 0.00	83.08 -5.97 0.00	60.07 -3.16 0.00	52.18 -0.63 0.00	43.55 -0.26 0.00
NEG NORTH_KES_CHATEGAY 23792	38.84 -1.28 0.00	32.20 -0.93 0.00	31.34 -0.94 0.00	30.06 -0.90 0.00	29.38 -0.85 0.00	31.55 -0.94 0.00	37.37 -1.24 0.00	39.17 -1.42 0.00	37.97 -1.38 0.00	38.49 -1.52 0.00	39.44 -1.69 0.00	45.38 -1.89 0.00	48.10 -1.95 0.00	50.28 -1.99 0.00	50.38 -2.04 0.00	53.35 -2.69 0.00	59.86 -3.15 0.00	77.15 -4.40 0.00	100.17 -5.61 0.00	106.85 -5.98 0.00	84.42 -4.63 0.00	60.39 -2.85 0.00	50.86 -1.95 0.00	42.41 -1.40 0.00
NEG NORTH___ALICE_FALLS 23915	39.32 -0.80 0.00	32.59 -0.53 0.00	31.69 -0.58 0.00	30.40 -0.56 0.00	29.74 -0.48 0.00	31.97 -0.52 0.00	37.83 -0.77 0.00	39.70 -0.89 0.00	38.88 -0.47 0.00	39.45 -0.56 0.00	40.38 -0.74 0.00	46.47 -0.80 0.00	49.30 -0.75 0.00	51.59 -0.68 0.00	51.75 -0.68 0.00	54.19 -1.85 0.00	59.99 -3.02 0.00	77.15 -4.40 0.00	100.27 -5.50 0.00	106.85 -5.98 0.00	84.51 -4.54 0.00	60.71 -2.53 0.00	52.07 -0.74 0.00	43.46 -0.35 0.00
NEG NORTH___LWR_SARANAC 23913	39.32 -0.80 0.00	32.59 -0.53 0.00	31.69 -0.58 0.00	30.40 -0.56 0.00	29.74 -0.48 0.00	31.97 -0.52 0.00	37.83 -0.77 0.00	39.70 -0.89 0.00	38.88 -0.47 0.00	39.45 -0.56 0.00	40.38 -0.74 0.00	46.47 -0.80 0.00	49.30 -0.75 0.00	51.59 -0.68 0.00	51.75 -0.68 0.00	54.19 -1.85 0.00	59.99 -3.02 0.00	77.15 -4.40 0.00	100.27 -5.50 0.00	106.85 -5.98 0.00	84.51 -4.54 0.00	60.71 -2.53 0.00	52.07 -0.74 0.00	43.46 -0.35 0.00
NEG NORTH___PLATTSBURG 23628	39.32 -0.80 0.00	32.59 -0.53 0.00	31.69 -0.58 0.00	30.40 -0.56 0.00	29.74 -0.48 0.00	31.94 -0.55 0.00	37.83 -0.77 0.00	39.70 -0.89 0.00	38.88 -0.47 0.00	39.45 -0.56 0.00	40.39 -0.74 0.00	46.47 -0.80 0.00	49.30 -0.75 0.00	51.54 -0.73 0.00	51.75 -0.68 0.00	54.19 -1.85 0.00	59.99 -3.02 0.00	77.15 -4.41 0.00	100.27 -5.50 0.00	106.85 -5.98 0.00	84.51 -4.54 0.00	60.39 -2.84 0.00	51.44 -1.37 0.00	43.46 -0.35 0.00
NEG WEST_LEA_LOCKPORT 23791	37.44 -2.69 0.00	30.07 -3.05 0.01	29.47 -2.81 0.00	28.32 -2.63 0.00	27.56 -2.66 0.00	29.29 -3.18 0.02	29.17 -3.55 5.88	30.57 -2.84 7.18	29.31 -3.03 7.01	30.50 -2.44 7.07	31.57 -2.26 7.30	35.60 -3.26 8.41	37.10 -4.00 8.95	38.85 -4.08 9.34	39.52 -3.67 9.24	41.77 -3.98 10.29	47.37 -4.98 10.66	58.72 -6.36 16.47	73.17 -8.04 24.57	90.16 -8.91 13.76	73.25 -6.68 9.12	50.87 -5.75 6.61	45.66 -4.01 3.14	40.22 -3.59 0.00
NEG WEST___LANCASTR 23811	37.52 -2.61 0.00	30.20 -2.91 0.01	29.56 -2.71 0.00	28.38 -2.57 0.00	27.62 -2.60 0.00	29.61 -2.86 0.03	30.72 -1.12 6.76	31.98 -0.37 8.25	30.75 -0.55 8.05	31.89 0.00 8.12	32.99 0.25 8.38	37.28 -0.33 9.66	39.02 -0.75 10.27	40.81 -0.73 10.73	41.50 -0.31 10.61	47.17 -0.17 8.70	51.78 -1.32 9.91	64.10 -1.96 15.50	80.43 -2.12 23.23	90.17 -3.61 19.05	76.58 -2.85 9.62	54.69 -2.02 6.52	49.50 -0.74 2.57	40.44 -3.37 0.00

NEG_PENN_ALLEGHNY 23528	40.61 0.48 0.00	33.34 0.20 -0.02	32.47 0.19 0.00	31.11 0.16 0.00	30.37 0.15 0.00	32.72 0.16 -0.06	39.22 0.62 0.00	41.49 0.89 0.00	40.26 0.91 0.00	41.06 1.04 0.00	42.28 1.15 0.00	48.93 1.23 -0.43	52.14 1.40 -0.69	54.53 1.46 -0.80	54.45 1.52 -0.50	58.23 1.79 -0.40	65.10 1.96 -0.14	85.48 2.85 -1.07	113.44 4.12 -3.55	120.32 4.06 -3.44	95.17 3.20 -2.92	64.08 1.64 0.80	54.18 1.37 0.00	44.38 0.57 0.00
NEG___GEN_MONROE 24207	39.28 -0.84 0.00	31.89 -1.23 0.01	31.14 -1.13 0.00	29.87 -1.08 0.00	29.13 -1.09 0.00	31.18 -1.30 0.02	36.05 -1.66 0.89	38.33 -1.18 1.09	36.82 -1.46 1.07	37.77 -1.16 1.08	39.06 -0.95 1.12	44.52 -1.47 1.29	46.88 -1.80 1.37	49.06 -1.78 1.43	49.39 -1.63 1.42	52.92 -1.57 1.55	59.32 -1.95 1.74	76.47 -2.28 2.80	99.05 -2.43 4.29	107.58 -2.37 2.88	86.06 -1.42 1.56	57.56 -1.96 3.71	50.84 -1.53 0.44	42.72 -1.10 0.00
NEPA___ENERGY 23901	38.28 -1.85 0.00	30.86 -2.25 0.01	30.21 -2.07 0.00	29.00 -1.95 0.00	28.26 -1.96 0.00	30.19 -2.27 0.03	29.84 -1.78 6.99	30.97 -1.10 8.53	29.77 -1.26 8.32	30.90 -0.72 8.39	31.93 -0.53 8.66	36.06 -1.23 9.98	37.73 -1.70 10.62	39.46 -1.72 11.09	40.20 -1.26 10.97	44.95 -1.12 9.97	49.60 -1.83 11.59	61.49 -2.20 17.86	76.79 -2.43 26.55	90.53 -2.82 19.47	76.90 -2.32 9.83	53.79 -2.59 6.85	47.88 -1.69 3.24	41.31 -2.50 0.00
NEVERSINK___HYD 23608	43.29 3.17 0.00	35.64 2.52 0.00	34.57 2.29 0.00	33.18 2.23 0.00	32.34 2.11 0.00	34.87 2.37 -0.01	41.77 3.17 0.00	44.17 3.57 0.00	42.89 3.54 0.00	43.69 3.68 0.00	45.16 4.03 0.00	51.91 4.64 0.00	54.96 4.91 0.00	57.60 5.33 0.00	58.04 5.61 0.00	62.15 6.11 0.00	70.38 7.37 0.00	92.23 10.68 0.00	120.05 14.27 0.00	129.16 15.34 -0.99	100.54 11.49 0.00	70.69 7.46 0.00	58.30 5.49 0.00	47.67 3.86 0.00
NEWKRMKL_115KV_TB1 55635	41.29 1.16 0.00	34.18 1.06 0.00	33.50 1.23 0.00	32.13 1.18 0.00	31.37 1.15 0.00	33.76 1.27 0.00	39.88 1.27 0.00	41.97 1.38 0.00	40.61 1.26 0.00	41.21 1.20 0.00	42.36 1.23 0.00	48.83 1.56 0.00	51.60 1.55 0.00	53.89 1.62 0.00	54.05 1.63 0.00	58.00 1.96 0.00	65.16 2.14 0.00	84.49 2.94 0.00	109.47 3.70 0.00	119.58 4.06 -2.69	92.08 3.03 0.00	65.20 1.96 0.00	54.39 1.58 0.00	45.30 1.49 0.00
NEWTON___FALLS_HYD 23847	38.64 -1.48 0.00	31.87 -1.26 0.00	30.98 -1.29 0.00	29.65 -1.30 0.00	28.98 -1.24 0.00	31.26 -1.23 0.00	36.87 -1.74 0.00	38.40 -2.19 0.00	37.03 -2.32 0.00	37.37 -2.64 0.00	38.33 -2.80 0.00	44.44 -3.12 -0.28	47.26 -3.25 -0.46	49.56 -3.24 -0.53	49.46 -3.30 -0.33	52.51 -3.70 -0.18	59.55 -3.47 0.00	78.44 -3.51 -0.39	105.78 -1.69 -1.70	113.15 -1.24 -1.56	89.68 -1.07 -1.70	62.22 -1.01 0.00	51.70 -1.11 0.00	43.15 -0.66 0.00
NGRID_A1_DSASP 323792	37.18 -2.93 0.02	29.88 -3.21 0.03	29.29 -2.97 0.02	28.15 -2.79 0.02	27.39 -2.81 0.02	29.10 -3.35 0.04	28.76 -3.86 5.99	30.04 -3.25 7.31	28.79 -3.42 7.13	30.06 -2.76 7.20	31.10 -2.59 7.44	35.07 -3.64 8.56	36.54 -4.40 9.10	38.22 -4.55 9.51	38.88 -4.14 9.40	40.34 -4.54 11.16	44.66 -5.61 12.75	55.03 -7.10 19.42	68.16 -8.99 28.62	78.56 -9.93 24.34	68.28 -7.57 13.20	49.91 -6.26 7.06	44.82 -4.65 3.34	39.94 -3.86 0.02
NGRID_A2_DSASP 323793	37.18 -2.93 0.02	29.88 -3.21 0.03	29.29 -2.97 0.02	28.15 -2.79 0.02	27.39 -2.81 0.02	29.10 -3.35 0.04	28.76 -3.86 5.99	30.04 -3.25 7.31	28.79 -3.42 7.13	30.06 -2.76 7.20	31.10 -2.59 7.44	35.07 -3.64 8.56	36.54 -4.40 9.10	38.22 -4.55 9.51	38.88 -4.14 9.40	40.34 -4.54 11.16	44.66 -5.61 12.75	55.03 -7.10 19.42	68.16 -8.99 28.62	78.56 -9.93 24.34	68.28 -7.57 13.20	49.91 -6.26 7.06	44.82 -4.65 3.34	39.94 -3.86 0.02
NGRID_A4_DSASP 323807	37.18 -2.93 0.02	29.88 -3.21 0.03	29.29 -2.97 0.02	28.15 -2.79 0.02	27.39 -2.81 0.02	29.10 -3.35 0.04	28.76 -3.86 5.99	30.04 -3.25 7.31	28.79 -3.42 7.13	30.06 -2.76 7.20	31.10 -2.59 7.44	35.07 -3.64 8.56	36.54 -4.40 9.10	38.22 -4.55 9.51	38.88 -4.14 9.40	40.34 -4.54 11.16	44.66 -5.61 12.75	55.03 -7.10 19.42	68.16 -8.99 28.62	78.56 -9.93 24.34	68.28 -7.57 13.20	49.91 -6.26 7.06	44.82 -4.65 3.34	39.94 -3.86 0.02
NIAGARA_115E_LBMP 323715	36.79 -3.33 0.00	29.64 -3.48 0.01	29.21 -3.07 0.00	27.83 -3.13 0.00	27.08 -3.14 0.00	28.83 -3.64 0.03	28.45 -4.17 5.98	29.47 -3.82 7.30	28.96 -3.27 7.13	29.86 -2.96 7.19	30.73 -2.96 7.44	34.74 -3.97 8.56	36.94 -4.01 9.10	38.48 -4.29 9.50	38.46 -4.56 9.40	39.84 -5.04 11.15	43.97 -6.30 12.75	54.18 -7.99 19.38	66.83 -10.36 28.58	82.23 -11.39 19.21	70.29 -9.08 9.68	49.19 -7.02 7.02	44.61 -4.86 3.34	39.65 -4.16 0.00
NIAGARA_115W_LBMP 323714	37.09 -3.01 0.02	29.92 -3.18 0.03	29.48 -2.78 0.02	28.12 -2.82 0.02	27.36 -2.84 0.02	29.13 -3.31 0.04	28.84 -3.78 5.98	29.72 -3.57 7.30	29.11 -3.11 7.13	30.06 -2.76 7.19	30.97 -2.72 7.44	35.03 -3.69 8.56	37.19 -3.75 9.10	38.74 -4.02 9.50	38.78 -4.24 9.40	40.12 -4.76 11.15	44.47 -5.80 12.75	55.03 -7.10 19.42	67.95 -9.20 28.62	78.45 -10.04 24.33	67.25 -8.19 13.60	49.79 -6.38 7.06	44.82 -4.65 3.34	40.07 -3.72 0.02
NIAGARA_230_LBMP 323716	37.28 -2.85 0.00	30.07 -3.05 0.01	29.63 -2.65 0.00	28.26 -2.69 0.00	27.50 -2.72 0.00	29.29 -3.18 0.02	28.74 -3.90 5.96	29.74 -3.57 7.28	29.17 -3.07 7.11	30.00 -2.84 7.17	30.91 -2.80 7.42	35.00 -3.74 8.54	37.26 -3.70 9.08	38.81 -3.97 9.48	38.85 -4.20 9.38	40.31 -4.59 11.13	44.68 -5.61 12.73	55.22 -6.93 19.40	68.29 -8.88 28.60	78.70 -9.82 24.31	67.54 -7.93 13.58	50.00 -6.19 7.04	45.00 -4.49 3.32	40.26 -3.55 0.00
NIAGARA___115KV_198_GIBSON 55903	37.10 -3.01 0.02	29.82 -3.28 0.03	29.22 -3.03 0.02	28.09 -2.85 0.02	27.36 -2.84 0.02	29.04 -3.41 0.04	28.68 -3.94 5.98	30.00 -3.29 7.30	28.76 -3.46 7.13	30.02 -2.80 7.19	31.06 -2.63 7.44	35.03 -3.69 8.56	36.44 -4.50 9.10	38.17 -4.60 9.50	38.78 -4.25 9.40	40.23 -4.65 11.15	44.47 -5.80 12.75	54.87 -7.26 19.42	67.95 -9.20 28.62	78.34 -10.15 24.33	67.70 -7.75 13.60	49.79 -6.39 7.06	44.72 -4.75 3.34	39.85 -3.94 0.02
NIAGARA____ 23760	37.27 -2.85 0.01	30.06 -3.05 0.01	29.62 -2.65 0.01	28.25 -2.69 0.01	27.50 -2.72 0.01	29.28 -3.18 0.03	28.73 -3.90 5.97	29.73 -3.57 7.29	29.16 -3.07 7.12	30.00 -2.84 7.18	30.91 -2.80 7.42	34.99 -3.74 8.54	37.26 -3.70 9.09	38.80 -3.97 9.49	38.84 -4.20 9.39	40.30 -4.59 11.14	44.67 -5.61 12.74	55.22 -6.93 19.40	68.29 -8.88 28.59	80.14 -9.82 22.87	68.59 -7.93 12.53	50.00 -6.19 7.04	44.99 -4.49 3.33	40.26 -3.55 0.01
NINE_MILE_1 23575	39.20 -0.92 0.00	32.33 -0.80 0.00	31.53 -0.74 0.00	30.21 -0.74 0.00	29.50 -0.73 0.00	31.71 -0.78 0.00	37.68 -0.93 0.00	39.54 -1.06 0.00	38.33 -1.02 0.00	38.97 -1.04 0.00	40.02 -1.11 0.00	39.72 -1.32 6.22	38.58 -1.35 10.12	39.20 -1.41 11.67	43.71 -1.41 7.30	50.75 -1.40 3.89	61.50 -1.51 0.00	71.10 -1.79 8.66	66.26 -2.11 37.40	76.08 -2.37 34.37	49.77 -1.87 37.40	38.22 -1.64 23.37	51.44 -1.37 0.00	42.67 -1.14 0.00

NINE_MILE_2 23744	39.20 -0.92 0.00	32.33 -0.80 0.00	31.53 -0.74 0.00	30.21 -0.74 0.00	29.50 -0.73 0.00	31.71 -0.78 0.00	37.68 -0.93 0.00	39.54 -1.06 0.00	38.33 -1.02 0.00	38.97 -1.04 0.00	40.02 -1.11 0.00	39.63 -1.32 6.32	38.42 -1.35 10.27	39.02 -1.41 11.84	43.60 -1.41 7.41	50.69 -1.40 3.94	61.50 -1.51 0.00	70.96 -1.79 8.79	65.69 -2.11 37.97	75.56 -2.37 34.89	49.21 -1.87 37.97	37.91 -1.64 23.68	51.44 -1.37 0.00	42.67 -1.14 0.00
NM_CAPITAL___DRP 24208	41.37 1.24 0.00	34.25 1.13 0.00	33.53 1.26 0.00	32.16 1.21 0.00	31.37 1.15 0.00	33.76 1.27 0.00	39.95 1.35 0.00	42.05 1.46 0.00	40.73 1.38 0.00	41.37 1.36 0.00	42.44 1.32 0.00	48.93 1.65 0.00	51.70 1.65 0.00	54.05 1.78 0.00	54.21 1.78 0.00	58.11 2.07 0.00	65.28 2.27 0.00	84.65 3.10 0.00	109.58 3.81 0.00	119.66 4.17 -2.66	92.25 3.21 0.00	65.39 2.15 0.00	54.50 1.69 0.00	45.35 1.53 0.00
NM_CENTRAL___DRP 24181	40.00 -0.12 0.00	32.89 -0.23 0.00	32.05 -0.23 0.00	30.74 -0.22 0.00	30.01 -0.21 0.00	32.26 -0.23 0.01	38.45 -0.15 0.00	40.47 -0.12 0.00	39.19 -0.16 0.00	39.89 -0.12 0.00	41.04 -0.08 0.00	47.79 -0.09 -0.61	50.99 -0.05 -1.00	53.37 -0.05 -1.15	53.20 0.05 -0.72	56.58 0.17 -0.38	63.26 0.25 0.00	82.89 0.49 -0.85	110.48 1.06 -3.65	117.09 0.90 -3.36	93.41 0.71 -3.65	61.90 0.00 1.34	52.70 -0.11 0.00	43.64 -0.18 0.00
NM_FRONTIER___DRP 24179	37.10 -3.01 0.02	29.82 -3.28 0.03	29.22 -3.03 0.02	28.09 -2.85 0.02	27.36 -2.84 0.02	29.04 -3.41 0.04	28.68 -3.94 5.98	30.00 -3.29 7.30	28.76 -3.46 7.13	30.02 -2.80 7.19	31.06 -2.63 7.44	35.03 -3.69 8.56	36.44 -4.50 9.10	38.17 -4.60 9.50	38.78 -4.25 9.40	40.23 -4.65 11.15	44.47 -5.80 12.75	54.87 -7.26 19.42	67.95 -9.20 28.62	78.34 -10.15 24.33	67.70 -7.75 13.60	49.79 -6.39 7.06	44.72 -4.75 3.34	39.85 -3.94 0.02
NM_ST_REGIS___HYD 24053	38.48 -1.65 0.00	31.87 -1.26 0.00	30.98 -1.29 0.00	29.72 -1.24 0.00	29.04 -1.18 0.00	31.23 -1.27 0.00	36.75 -1.85 0.00	38.20 -2.40 0.00	36.91 -2.44 0.00	37.37 -2.64 0.00	38.25 -2.88 0.00	44.10 -3.17 0.00	46.79 -3.25 0.00	48.98 -3.29 0.00	49.02 -3.41 0.00	51.95 -4.09 0.00	58.79 -4.22 0.00	76.33 -5.22 0.00	100.06 -5.71 0.00	107.08 -5.75 0.00	84.60 -4.45 0.00	60.26 -2.97 0.00	50.38 -2.43 0.00	42.28 -1.53 0.00
NORTHPORT___1 23551	44.74 4.01 -0.61	36.17 3.05 0.00	34.92 2.65 0.00	33.43 2.48 0.00	32.70 2.48 0.00	35.39 2.89 -0.01	42.54 3.94 0.00	45.10 4.51 0.00	43.45 4.09 -0.01	43.70 3.68 -0.01	47.16 5.06 -0.98	53.10 4.64 -1.20	56.58 4.05 -2.48	59.96 4.81 -2.88	65.64 5.24 -7.97	75.79 5.43 -14.32	119.25 6.81 -49.43	149.10 9.46 -58.09	233.94 12.26 -115.90	198.75 13.19 -72.72	124.03 9.80 -25.18	81.43 6.45 -11.74	57.25 4.44 -0.01	47.93 4.12 0.00
NORTHPORT___2 23552	44.74 4.01 -0.61	36.17 3.05 0.00	34.92 2.65 0.00	33.43 2.48 0.00	32.70 2.48 0.00	35.39 2.89 -0.01	42.54 3.94 0.00	45.10 4.51 0.00	43.45 4.09 -0.01	43.70 3.68 -0.01	47.16 5.06 -0.98	53.10 4.64 -1.20	56.58 4.05 -2.48	59.96 4.81 -2.88	65.64 5.24 -7.97	75.79 5.43 -14.32	119.25 6.81 -49.43	149.10 9.46 -58.09	233.94 12.26 -115.90	198.75 13.19 -72.72	124.03 9.80 -25.18	81.43 6.45 -11.74	57.25 4.44 -0.01	47.93 4.12 0.00
NORTHPORT___3 23553	44.70 3.97 -0.60	36.14 3.01 0.00	34.89 2.61 0.00	33.40 2.44 0.00	32.67 2.45 0.00	35.36 2.86 -0.01	42.50 3.90 0.00	45.06 4.47 0.00	43.41 4.05 -0.01	43.66 3.64 -0.01	47.16 5.06 -0.98	53.01 4.54 -1.20	56.48 3.95 -2.48	59.86 4.71 -2.88	65.54 5.14 -7.97	75.74 5.38 -14.32	119.12 6.68 -49.43	148.94 9.29 -58.09	233.73 12.05 -115.90	198.52 12.97 -72.72	123.85 9.62 -25.18	81.30 6.32 -11.74	57.15 4.33 -0.01	47.89 4.08 0.00
NORTHPORT___4 23650	44.70 3.97 -0.60	36.14 3.01 0.00	34.89 2.61 0.00	33.40 2.44 0.00	32.67 2.45 0.00	35.36 2.86 -0.01	42.50 3.90 0.00	45.06 4.47 0.00	43.41 4.05 -0.01	43.66 3.64 -0.01	47.16 5.06 -0.98	53.01 4.54 -1.20	56.48 3.95 -2.48	59.86 4.71 -2.88	65.54 5.14 -7.97	75.74 5.38 -14.32	119.12 6.68 -49.43	148.94 9.29 -58.09	233.73 12.05 -115.90	198.52 12.97 -72.72	123.85 9.62 -25.18	81.30 6.32 -11.74	57.15 4.33 -0.01	47.89 4.08 0.00
NORTHPORT___IC 23718	44.74 4.01 -0.61	36.11 2.98 0.00	34.92 2.65 0.00	33.40 2.45 0.00	32.64 2.42 0.00	35.33 2.83 -0.01	42.69 4.09 0.00	45.02 4.42 0.00	43.41 4.05 -0.01	43.94 3.92 -0.01	47.20 5.10 -0.98	52.91 4.44 -1.20	56.93 4.40 -2.48	60.01 4.86 -2.88	65.64 5.24 -7.97	75.79 5.44 -14.31	119.25 6.81 -49.43	149.10 9.46 -58.09	233.94 12.27 -115.90	198.76 13.20 -72.72	124.03 9.80 -25.18	81.49 6.51 -11.74	57.25 4.44 0.00	48.11 4.29 0.00
NORTH___COUNTRY_ESR 323785	38.76 -1.36 0.00	32.10 -1.03 0.00	31.24 -1.03 0.00	29.99 -0.96 0.00	29.29 -0.94 0.00	31.49 -1.01 0.00	37.29 -1.31 0.00	39.13 -1.46 0.00	37.94 -1.41 0.00	38.49 -1.52 0.00	39.44 -1.69 0.00	45.43 -1.84 0.00	48.10 -1.95 0.00	50.23 -2.04 0.00	50.38 -2.05 0.00	53.35 -2.69 0.00	59.80 -3.21 0.00	76.99 -4.57 0.00	99.95 -5.82 0.00	106.51 -6.32 0.00	84.15 -4.90 0.00	60.14 -3.10 0.00	50.49 -2.32 0.00	42.28 -1.53 0.00
NPX_GEN_1385_PROXY 323591	44.74 4.01 -0.61	36.17 3.05 0.00	34.92 2.65 0.00	33.43 2.48 0.00	32.70 2.48 0.00	35.39 2.89 -0.01	42.54 3.94 0.00	45.10 4.51 0.00	43.45 4.09 -0.01	43.70 3.68 -0.01	47.16 5.06 -0.98	53.10 4.64 -1.20	56.58 4.05 -2.48	59.96 4.81 -2.88	65.64 5.24 -7.97	75.79 5.43 -14.32	119.25 6.81 -49.43	149.10 9.46 -58.09	233.94 12.26 -115.90	198.75 13.19 -72.72	124.03 9.80 -25.18	87.45 6.45 -17.76	52.18 4.44 5.07	46.98 4.12 0.94
NPX_GEN_CSC 323557	46.64 5.90 -0.61	37.17 4.04 0.00	35.82 3.55 0.00	34.27 3.31 0.00	33.49 3.27 0.00	36.30 3.80 -0.01	43.78 5.17 0.00	46.20 5.60 0.00	43.41 4.05 -0.01	42.70 2.68 -0.01	46.22 4.11 -0.98	52.11 3.64 -1.20	55.88 3.35 -2.48	59.49 4.34 -2.88	65.17 4.77 -7.97	75.68 5.33 -14.32	119.25 6.81 -49.43	149.67 10.03 -58.09	234.79 13.11 -115.90	199.43 13.87 -72.72	124.82 10.59 -25.18	88.02 7.02 -17.76	52.28 4.54 5.07	46.64 3.77 0.94
NSINS_S_GLNS_FALLS 23858	42.85 2.73 0.00	35.41 2.29 0.00	34.47 2.19 0.00	33.12 2.17 0.00	32.31 2.09 0.00	34.77 2.27 0.00	40.57 1.97 0.00	42.58 1.99 0.00	40.92 1.57 0.00	41.37 1.36 0.00	42.44 1.32 0.00	49.16 1.89 0.00	52.05 2.00 0.00	54.57 2.30 0.00	54.79 2.36 0.00	59.06 3.03 0.00	66.54 3.53 0.00	86.85 5.30 0.00	113.60 7.83 0.00	125.59 8.91 -3.85	95.73 6.68 0.00	67.66 4.43 0.00	55.87 3.06 0.00	46.27 2.45 0.00
NUCOR_STEEL___DRP 24197	40.53 0.40 0.00	33.29 0.17 0.00	32.44 0.16 0.00	31.11 0.15 0.00	30.34 0.12 0.00	32.61 0.13 0.01	38.91 0.31 0.00	40.72 0.12 0.00	39.39 0.04 0.00	40.09 0.08 0.00	41.29 0.16 0.00	48.48 0.14 -1.07	51.98 0.20 -1.73	54.48 0.21 -2.00	54.05 0.37 -1.25	57.62 0.95 -0.63	64.15 1.13 0.00	84.76 1.79 -1.41	114.83 2.96 -6.10	121.50 2.93 -5.74	97.55 2.40 -6.10	64.25 1.01 0.00	53.55 0.74 0.00	44.21 0.39 0.00

NUMBER_THREE_WT_PWR 323818	39.32 -0.80 0.00	32.30 -0.83 0.00	31.40 -0.87 0.00	30.12 -0.83 0.00	29.38 -0.85 0.00	31.78 -0.72 0.00	37.56 -1.04 0.00	39.29 -1.30 0.00	37.90 -1.46 0.00	38.21 -1.80 0.00	39.15 -1.97 0.00	45.51 -2.13 -0.36	48.38 -2.25 -0.59	50.75 -2.19 -0.68	50.65 -2.20 -0.42	53.96 -2.30 -0.22	61.37 -1.64 0.00	81.32 -0.74 -0.50	111.74 3.80 -2.17	119.67 4.85 -1.99	94.78 3.57 -2.17	65.26 2.02 0.00	53.97 1.16 0.00	44.73 0.92 0.00
NYISO_LBMP_REFERENCE 24008	40.12 0.00 0.00	33.12 0.00 0.00	32.27 0.00 0.00	30.95 0.00 0.00	30.22 0.00 0.00	32.49 0.00 0.00	38.60 0.00 0.00	40.59 0.00 0.00	39.35 0.00 0.00	40.01 0.00 0.00	41.12 0.00 0.00	47.27 0.00 0.00	50.05 0.00 0.00	52.27 0.00 0.00	52.43 0.00 0.00	56.04 0.00 0.00	63.01 0.00 0.00	81.55 0.00 0.00	105.77 0.00 0.00	112.83 0.00 0.00	89.05 0.00 0.00	63.24 0.00 0.00	52.81 0.00 0.00	43.81 0.00 0.00
NYPA_BRENTWD____GT 24164	45.38 4.65 -0.61	36.60 3.48 0.00	35.34 3.07 0.00	33.83 2.88 0.00	33.06 2.84 0.00	35.82 3.32 -0.01	43.08 4.48 0.00	45.67 5.07 0.00	43.92 4.56 -0.01	44.10 4.08 -0.01	47.65 5.55 -0.98	53.71 5.25 -1.20	57.38 4.85 -2.48	60.90 5.75 -2.88	66.53 6.13 -7.97	76.69 6.33 -14.32	120.06 7.62 -49.43	150.32 10.68 -58.09	235.53 13.85 -115.90	200.33 14.78 -72.72	125.36 11.13 -25.18	82.56 7.58 -11.74	58.26 5.44 -0.01	48.50 4.69 0.00
NYPA_GOWANUS____GT5 24156	43.62 3.49 -0.01	35.95 2.81 -0.01	34.87 2.58 -0.01	33.50 2.54 -0.01	32.74 2.51 -0.01	35.27 2.76 -0.01	42.28 3.67 -0.01	44.74 4.14 -0.01	43.73 4.37 -0.02	44.76 4.72 -0.02	46.35 5.18 -0.05	54.89 6.10 -1.52	59.54 6.36 -3.14	62.56 6.64 -3.65	66.77 6.34 -8.00	77.12 6.72 -14.36	105.75 7.49 -35.24	143.32 10.36 -51.41	142.53 13.11 -23.64	156.83 14.10 -29.90	99.93 10.41 -0.47	70.20 6.96 -0.01	58.90 6.07 -0.01	48.20 4.38 -0.01
NYPA_GOWANUS____GT6 24157	43.62 3.49 -0.01	35.95 2.81 -0.01	34.87 2.58 -0.01	33.50 2.54 -0.01	32.74 2.51 -0.01	35.27 2.76 -0.01	42.28 3.67 -0.01	44.74 4.14 -0.01	43.73 4.37 -0.02	44.76 4.72 -0.02	46.35 5.18 -0.05	54.89 6.10 -1.52	59.54 6.36 -3.14	62.56 6.64 -3.65	66.77 6.34 -8.00	77.12 6.72 -14.36	105.75 7.49 -35.24	143.32 10.36 -51.41	142.53 13.11 -23.64	156.83 14.10 -29.90	99.93 10.41 -0.47	70.20 6.96 -0.01	58.90 6.07 -0.01	48.20 4.38 -0.01
NYPA_HARLEM__RVR__GT1 24160	43.38 3.25 -0.01	35.75 2.65 0.02	34.73 2.45 -0.01	33.38 2.42 -0.01	32.65 2.42 -0.01	35.14 2.63 -0.01	41.87 3.28 0.02	44.29 3.69 0.00	43.25 3.90 -0.01	44.26 4.24 -0.01	46.01 4.85 -0.03	54.43 5.72 -1.45	58.95 5.90 -3.00	60.44 6.16 -2.00	66.03 5.61 -7.99	76.38 6.00 -14.34	103.16 7.12 -33.03	129.70 9.78 -38.36	128.89 12.26 -10.85	139.11 13.31 -12.97	98.95 9.88 -0.02	69.63 6.38 -0.01	58.21 5.39 -0.01	47.90 4.08 -0.01
NYPA_HARLEM__RVR__GT2 24161	43.38 3.25 -0.01	35.75 2.65 0.02	34.73 2.45 -0.01	33.38 2.42 -0.01	32.65 2.42 -0.01	35.14 2.63 -0.01	41.87 3.28 0.02	44.29 3.69 0.00	43.25 3.90 -0.01	44.26 4.24 -0.01	46.01 4.85 -0.03	54.43 5.72 -1.45	58.95 5.90 -3.00	60.44 6.16 -2.00	66.03 5.61 -7.99	76.38 6.00 -14.34	103.16 7.12 -33.03	129.70 9.78 -38.36	128.89 12.26 -10.85	139.11 13.31 -12.97	98.95 9.88 -0.02	69.63 6.38 -0.01	58.21 5.39 -0.01	47.90 4.08 -0.01
NYPA_KENT____GT 24152	43.50 3.37 0.00	35.85 2.72 -0.01	34.80 2.52 0.00	33.40 2.44 0.00	32.67 2.45 0.00	35.17 2.67 -0.01	42.16 3.55 0.00	44.66 4.06 0.00	43.65 4.29 -0.01	44.67 4.64 -0.02	46.27 5.10 -0.04	54.75 5.96 -1.52	59.34 6.20 -3.08	62.34 6.48 -3.59	66.61 6.18 -8.00	76.95 6.55 -14.36	100.33 7.31 -30.01	112.18 10.11 -20.52	125.19 12.79 -6.62	128.79 13.76 -2.20	98.49 10.06 0.62	69.94 6.70 0.00	58.73 5.91 -0.01	48.07 4.25 0.00
NYPA_POUCH1____GT 24155	43.54 3.41 -0.01	35.92 2.78 -0.01	34.87 2.58 -0.01	33.47 2.51 -0.01	32.74 2.51 -0.01	35.24 2.73 -0.01	42.24 3.63 -0.01	44.70 4.10 -0.01	43.66 4.29 -0.02	44.64 4.60 -0.02	46.23 5.06 -0.05	54.65 5.86 -1.52	59.34 6.15 -3.14	62.28 6.37 -3.63	66.50 6.08 -7.99	76.83 6.44 -14.35	105.50 7.24 -35.24	142.91 9.95 -51.41	142.10 12.69 -23.64	156.26 13.53 -29.90	99.58 10.06 -0.47	69.94 6.70 -0.01	58.74 5.91 -0.01	48.07 4.25 -0.01
NYPA_VERNON____GT2 24162	43.37 3.25 0.00	35.78 2.65 0.00	34.70 2.42 0.00	33.34 2.38 0.00	32.58 2.36 0.00	35.10 2.60 -0.01	42.08 3.48 0.00	44.53 3.94 0.00	43.53 4.17 -0.01	44.55 4.52 -0.02	46.18 5.02 -0.04	54.66 5.86 -1.53	59.13 6.05 -3.03	62.12 6.32 -3.52	66.56 6.13 -8.00	76.78 6.39 -14.36	101.46 7.18 -31.27	119.33 9.86 -27.92	119.23 12.48 -0.99	127.11 13.42 -0.86	98.57 9.88 0.36	69.81 6.58 0.00	58.57 5.76 -0.01	47.93 4.12 0.00
NYPA_VERNON____GT3 24163	43.37 3.25 0.00	35.78 2.65 0.00	34.70 2.42 0.00	33.34 2.38 0.00	32.58 2.36 0.00	35.10 2.60 -0.01	42.08 3.48 0.00	44.53 3.94 0.00	43.53 4.17 -0.01	44.55 4.52 -0.02	46.18 5.02 -0.04	54.66 5.86 -1.53	59.13 6.05 -3.03	62.12 6.32 -3.52	66.56 6.13 -8.00	76.78 6.39 -14.36	101.46 7.18 -31.27	119.33 9.86 -27.92	119.23 12.48 -0.99	127.11 13.42 -0.86	98.57 9.88 0.36	69.81 6.58 0.00	58.57 5.76 -0.01	47.93 4.12 0.00
NYPA__ASTORIA_CC1 323568	43.34 3.21 0.00	35.74 2.62 0.00	34.66 2.39 0.00	33.31 2.35 0.00	32.58 2.36 0.00	35.07 2.57 -0.01	42.00 3.40 0.00	44.45 3.86 0.00	43.45 4.09 -0.01	44.47 4.44 -0.01	46.09 4.93 -0.04	54.56 5.77 -1.52	59.06 6.00 -3.01	61.99 6.22 -3.50	66.40 5.97 -8.00	76.62 6.22 -14.36	102.09 7.06 -32.02	123.65 9.70 -32.40	117.85 12.26 0.18	128.22 13.19 -2.19	98.55 9.71 0.20	69.62 6.38 0.00	58.47 5.65 -0.01	47.89 4.08 0.00
NYPA__ASTORIA_CC2 323569	43.34 3.21 0.00	35.74 2.62 0.00	34.66 2.39 0.00	33.31 2.35 0.00	32.58 2.36 0.00	35.07 2.57 -0.01	42.00 3.40 0.00	44.45 3.86 0.00	43.45 4.09 -0.01	44.47 4.44 -0.01	46.09 4.93 -0.04	54.56 5.77 -1.52	59.06 6.00 -3.01	61.99 6.22 -3.50	66.40 5.97 -8.00	76.62 6.22 -14.36	102.09 7.06 -32.02	123.65 9.70 -32.40	117.85 12.26 0.18	128.22 13.19 -2.19	98.55 9.71 0.20	69.62 6.38 0.00	58.47 5.65 -0.01	47.89 4.08 0.00
NYPA__HOLTSVILL 23794	45.39 4.65 -0.61	36.57 3.44 0.00	35.31 3.03 0.00	33.77 2.82 0.00	33.03 2.81 0.00	35.75 3.25 -0.01	43.00 4.40 0.00	45.58 4.99 0.00	43.76 4.41 -0.01	43.74 3.72 -0.01	47.24 5.14 -0.98	53.34 4.87 -1.20	56.98 4.45 -2.48	60.48 5.33 -2.88	66.07 5.66 -7.97	76.29 5.94 -14.32	119.75 7.31 -49.43	149.92 10.28 -58.09	235.00 13.33 -115.90	199.77 14.22 -72.72	124.91 10.68 -25.18	82.06 7.08 -11.74	57.84 5.02 -0.01	48.15 4.34 0.00
NYPA__HELLGATE_GT1 24158	43.38 3.25 -0.01	35.78 2.65 -0.01	34.73 2.45 -0.01	33.38 2.42 -0.01	32.65 2.42 -0.01	35.14 2.63 -0.01	41.88 3.28 0.00	44.29 3.69 0.00	43.25 3.90 -0.01	44.26 4.24 -0.01	46.01 4.85 -0.03	54.43 5.72 -1.45	58.95 5.90 -3.00	60.70 6.16 -2.26	66.03 5.61 -7.99	76.39 6.00 -14.36	103.16 7.12 -33.03	129.70 9.78 -38.36	128.89 12.26 -10.85	139.11 13.31 -12.97	98.95 9.88 -0.02	69.60 6.38 0.02	58.21 5.39 -0.01	47.90 4.08 -0.01

NYPA_____HELLGATE_GT2 24159	43.38	35.78	34.73	33.38	32.65	35.14	41.88	44.29	43.25	44.26	46.01	54.43	58.95	60.70	66.03	76.39	103.16	129.70	128.89	139.11	98.95	69.60	58.21	47.90
	3.25	2.65	2.45	2.42	2.42	2.63	3.28	3.69	3.90	4.24	4.85	5.72	5.90	6.16	5.61	6.00	7.12	9.78	12.26	13.31	9.88	6.38	5.39	4.08
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.01	-0.01	-0.03	-1.45	-3.00	-2.26	-7.99	-14.36	-33.03	-38.36	-10.85	-12.97	-0.02	0.02	-0.01	-0.01
NYS_BARGE___HYD 23848	37.48	30.17	29.76	28.35	27.56	29.38	29.61	30.77	30.17	31.05	31.97	36.16	38.50	40.15	40.14	42.38	47.51	59.27	73.92	89.43	73.46	51.12	46.05	40.44
	-2.65	-2.95	-2.52	-2.60	-2.66	-3.09	-3.47	-3.09	-2.60	-2.32	-2.30	-3.22	-3.15	-3.35	-3.62	-3.92	-4.98	-6.12	-7.83	-8.69	-6.95	-5.63	-3.80	-3.37
	0.00	0.01	0.00	0.00	0.00	0.02	5.52	6.74	6.58	6.64	6.85	7.89	8.40	8.77	8.68	9.73	10.52	16.17	24.03	14.72	8.65	6.49	2.96	0.00
OAK ORCHARD___HYD 24046	39.36	32.09	31.43	30.03	29.29	31.37	37.06	39.34	38.26	39.06	40.31	46.19	49.21	51.44	51.28	54.96	61.68	79.94	103.44	111.28	87.57	58.40	51.46	42.94
	-0.76	-1.03	-0.84	-0.93	-0.94	-1.10	-1.55	-1.26	-1.10	-0.96	-0.82	-1.09	-0.85	-0.84	-1.15	-1.01	-1.33	-1.22	-1.38	-1.69	-1.33	-1.70	-1.37	-0.88
	0.00	0.01	0.00	0.00	0.00	0.02	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.07	0.00	0.39	0.96	-0.14	0.14	3.13	-0.02	0.00
OAKDALE___35_KV_LOAD 356122	40.53	33.24	32.37	31.05	30.31	32.66	39.14	41.41	40.14	40.94	42.20	48.77	51.81	54.18	54.22	58.06	64.86	85.09	113.00	119.84	94.72	63.78	53.97	44.25
	0.40	0.10	0.10	0.09	0.09	0.10	0.54	0.81	0.79	0.92	1.07	1.09	1.10	1.15	1.31	1.63	1.70	2.45	3.70	3.61	2.85	1.39	1.16	0.44
	0.00	-0.02	0.00	0.00	0.00	-0.06	0.00	0.00	0.00	0.00	0.00	-0.41	-0.66	-0.76	-0.48	-0.40	-0.15	-1.09	-3.53	-3.40	-2.83	0.84	0.00	0.00
OCC_CHEM___DRP 24175	37.18	29.88	29.29	28.15	27.39	29.10	28.76	30.04	28.79	30.06	31.10	35.07	36.54	38.22	38.88	40.34	44.66	55.03	68.16	78.56	68.28	49.91	44.82	39.94
	-2.93	-3.21	-2.97	-2.79	-2.81	-3.35	-3.86	-3.25	-3.42	-2.76	-2.59	-3.64	-4.40	-4.55	-4.14	-4.54	-5.61	-7.10	-8.99	-9.93	-7.57	-6.26	-4.65	-3.86
	0.02	0.03	0.02	0.02	0.02	0.04	5.99	7.31	7.13	7.20	7.44	8.56	9.10	9.51	9.40	11.16	12.75	19.42	28.62	24.34	13.20	7.06	3.34	0.02
OH_GEN_PROXY 24063	37.39	30.17	29.72	28.32	27.59	29.38	29.49	30.63	30.00	30.88	31.80	36.04	38.32	39.97	40.00	41.82	46.40	57.65	71.68	82.04	71.75	56.76	40.49	39.45
	-2.73	-2.95	-2.55	-2.63	-2.63	-3.09	-3.74	-3.41	-2.95	-2.68	-2.67	-3.55	-3.55	-3.76	-3.99	-4.31	-5.29	-6.53	-8.36	-9.25	-7.39	-5.88	-4.28	-3.42
	0.00	0.01	0.00	0.00	0.00	0.02	5.37	6.56	6.40	6.46	6.65	7.68	8.17	8.54	8.44	9.91	11.32	17.38	25.73	21.54	9.91	0.59	8.04	0.94
OLIN_CORP_DRP 24177	36.87	29.61	29.01	27.89	27.14	28.83	28.35	29.67	28.44	29.70	30.73	34.60	35.99	37.69	38.36	39.43	43.28	53.12	65.54	81.83	71.18	49.09	44.28	39.52
	-3.25	-3.51	-3.26	-3.06	-3.08	-3.64	-4.13	-3.45	-3.62	-2.96	-2.80	-3.92	-4.75	-4.86	-4.46	-4.93	-6.18	-7.91	-10.05	-11.17	-8.55	-6.96	-4.86	-4.29
	0.00	0.01	0.00	0.00	0.00	0.03	6.12	7.47	7.29	7.36	7.60	8.75	9.31	9.72	9.61	11.68	13.56	20.52	30.18	19.83	9.32	7.19	3.67	0.00
OLIN_CORP_DSASP 323712	37.18	29.88	29.29	28.15	27.39	29.10	28.76	30.04	28.79	30.06	31.10	35.07	36.54	38.22	38.88	40.34	44.66	55.03	68.16	78.56	68.28	49.91	44.82	39.94
	-2.93	-3.21	-2.97	-2.79	-2.81	-3.35	-3.86	-3.25	-3.42	-2.76	-2.59	-3.64	-4.40	-4.55	-4.14	-4.54	-5.61	-7.10	-8.99	-9.93	-7.57	-6.26	-4.65	-3.86
	0.02	0.03	0.02	0.02	0.02	0.04	5.99	7.31	7.13	7.20	7.44	8.56	9.10	9.51	9.40	11.16	12.75	19.42	28.62	24.34	13.20	7.06	3.34	0.02
ONEIDA_HERK_LFGE 323681	40.37	33.19	32.27	30.98	30.22	32.66	38.72	40.63	39.27	39.74	40.79	47.31	50.19	52.67	52.64	56.15	63.64	83.88	112.58	120.41	95.21	65.95	54.61	45.17
	0.24	0.07	0.00	0.03	0.00	0.16	0.12	0.04	-0.08	-0.28	-0.33	-0.24	-0.30	-0.10	-0.10	-0.06	0.63	1.95	5.18	6.09	4.54	2.72	1.80	1.36
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.27	-0.44	-0.51	-0.32	-0.17	0.00	-0.38	-1.62	-1.49	-1.62	0.00	0.00	0.00
ONEIDA___115KV_TB4 55905	41.05	33.75	32.86	31.51	30.80	33.18	39.49	41.57	40.18	40.77	41.91	48.55	51.59	54.15	54.08	57.64	65.03	85.44	113.16	120.64	95.58	65.20	54.76	45.21
	0.92	0.63	0.58	0.56	0.57	0.68	0.89	0.97	0.83	0.76	0.78	0.95	1.00	1.25	1.26	1.40	2.02	3.43	5.39	5.98	4.54	2.72	1.95	1.40
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.33	-0.54	-0.62	-0.39	-0.21	0.00	-0.46	-1.99	-1.83	-1.99	0.76	0.00	0.00
ONONDAGA_REF_OCCRA 23987	40.16	33.02	32.18	30.86	30.13	32.39	38.64	40.72	39.39	40.09	41.25	48.11	51.40	53.81	53.56	56.94	63.58	83.64	111.99	118.59	94.80	62.65	53.02	43.86
	0.04	-0.10	-0.10	-0.09	-0.09	-0.10	0.04	0.12	0.04	0.08	0.12	0.09	0.15	0.16	0.26	0.45	0.57	1.06	1.80	1.58	1.34	0.38	0.21	0.04
	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	-0.74	-1.20	-1.39	-0.87	-0.46	0.00	-1.02	-4.42	-4.18	-4.42	0.97	0.00	0.00
ONONDAGA___COGEN 23986	40.25	33.09	32.24	30.92	30.19	32.45	38.68	40.67	39.39	40.05	41.25	48.51	52.11	54.62	54.08	57.25	63.64	84.19	114.36	120.76	97.27	63.68	53.07	43.90
	0.12	-0.03	-0.03	-0.03	-0.03	-0.03	0.08	0.08	0.04	0.04	0.12	0.09	0.20	0.21	0.31	0.50	0.63	1.06	1.80	1.69	1.42	0.44	0.26	0.09
	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	-1.14	-1.86	-2.14	-1.34	-0.71	0.00	-1.57	-6.79	-6.24	-6.79	0.00	0.00	0.00
ONTARIO___LFGE 23819	40.29	32.95	32.18	30.80	30.07	32.28	42.01	45.10	43.68	44.39	45.72	52.87	56.37	58.94	58.72	62.82	70.41	92.86	123.76	129.42	99.84	64.40	55.31	44.03
	0.16	-0.16	-0.10	-0.15	-0.15	-0.19	0.12	0.49	0.39	0.40	0.50	0.47	0.65	0.68	0.63	0.89	1.07	1.95	3.38	3.15	2.67	0.88	0.79	0.22
	0.00	0.01	0.00	0.00	0.00	0.02	-3.29	-4.02	-3.94	-3.97	-4.10	-5.12	-5.67	-5.99	-5.66	-5.89	-6.33	-9.35	-14.60	-13.43	-8.12	-0.28	-1.71	0.00
ORANGEVILLE_WT_PWR 323706	37.84	30.63	30.11	28.72	27.96	29.86	16.21	14.16	13.72	14.21	14.60	16.27	17.28	17.95	18.07	20.28	22.88	23.04	22.39	47.45	52.69	43.68	39.76	40.74
	-2.29	-2.48	-2.16	-2.23	-2.27	-2.60	-2.63	-2.31	-2.09	-2.04	-2.01	-2.74	-2.70	-2.93	-3.30	-3.42	-4.16	-4.89	-5.82	-6.43	-4.98	-4.36	-3.01	-3.07
	0.00	0.01	0.00	0.00	0.00	0.03	19.76	24.12	23.55	23.76	24.51	28.26	30.07	31.40	31.06	32.33	35.97	53.62	77.57	58.95	31.37	15.19	10.05	0.00
ORANGEVILLE___ESR 323794	37.84	30.63	30.11	28.72	27.96	29.86	16.21	14.16	13.72	14.21	14.60	16.27	17.28	17.95	18.07	20.28	22.88	23.04	22.39	47.45	52.69	43.68	39.76	40.74
	-2.29	-2.48	-2.16	-2.23	-2.27	-2.60	-2.63	-2.31	-2.09	-2.04	-2.01	-2.74	-2.70	-2.93	-3.30	-3.42	-4.16	-4.89	-5.82	-6.43	-4.98	-4.36	-3.01	-3.07
	0.00	0.01	0.00	0.00	0.00	0.03	19.76	24.12	23.55	23.76	24.51	28.26	30.07	31.40	31.06	32.33	35.97	53.62	77.57	58.95	31.37	15.19	10.05	0.00

OSWEGATCHIE___HYD 24044	38.64 -1.48 0.00	31.87 -1.26 0.00	30.98 -1.29 0.00	29.68 -1.27 0.00	28.98 -1.24 0.00	31.26 -1.23 0.00	36.87 -1.74 0.00	38.40 -2.19 0.00	37.03 -2.32 0.00	37.37 -2.64 0.00	38.33 -2.80 0.00	44.43 -3.12 -0.28	47.26 -3.25 -0.46	49.51 -3.29 -0.53	49.46 -3.30 -0.33	52.51 -3.70 -0.18	59.55 -3.47 0.00	78.44 -3.50 -0.39	105.77 -1.70 -1.70	113.15 -1.24 -1.56	89.68 -1.06 -1.70	62.22 -1.01 0.00	51.65 -1.16 0.00	43.16 -0.66 0.00
OSWEGO___5 23606	39.44 -0.68 0.00	32.53 -0.60 0.00	31.69 -0.58 0.00	30.40 -0.56 0.00	29.68 -0.54 0.00	31.91 -0.58 0.00	37.91 -0.69 0.00	39.82 -0.77 0.00	38.60 -0.75 0.00	39.30 -0.72 0.00	40.34 -0.78 0.00	51.00 -0.95 -4.68	56.70 -0.95 -7.61	60.04 -0.99 -8.77	56.92 -1.00 -5.49	58.00 -0.95 -2.92	62.00 -1.01 0.00	86.92 -1.14 -6.51	132.60 -1.26 -28.09	137.29 -1.35 -25.81	116.07 -1.06 -28.09	71.52 -1.14 -9.43	51.86 -0.95 0.00	42.98 -0.83 0.00
OSWEGO___6 23613	39.44 -0.68 0.00	32.53 -0.60 0.00	31.69 -0.58 0.00	30.40 -0.56 0.00	29.68 -0.54 0.00	31.91 -0.58 0.00	37.91 -0.69 0.00	39.82 -0.77 0.00	38.60 -0.75 0.00	39.30 -0.72 0.00	40.34 -0.78 0.00	51.00 -0.95 -4.68	56.70 -0.95 -7.61	60.04 -0.99 -8.77	56.92 -1.00 -5.49	58.00 -0.95 -2.92	62.00 -1.01 0.00	86.92 -1.14 -6.51	132.60 -1.26 -28.09	137.29 -1.35 -25.81	116.07 -1.06 -28.09	71.52 -1.14 -9.43	51.86 -0.95 0.00	42.98 -0.83 0.00
OUTOKUMPU-AB___DRP 24206	38.12 -2.01 0.00	30.57 -2.55 0.01	29.98 -2.29 0.00	28.76 -2.20 0.00	27.96 -2.27 0.00	29.80 -2.66 0.03	29.30 -2.66 6.64	30.58 -1.91 8.11	29.39 -2.05 7.91	30.59 -1.44 7.98	31.65 -1.23 8.24	35.70 -2.08 9.49	37.25 -2.70 10.10	39.06 -2.67 10.55	39.74 -2.25 10.43	43.35 -2.35 10.34	48.23 -3.21 11.57	59.23 -4.49 17.83	73.63 -5.61 26.54	88.41 -6.32 18.10	74.53 -4.72 9.80	51.85 -4.43 6.96	46.64 -2.96 3.21	40.92 -2.89 0.00
OXBOW___BTM 323836	37.29 -2.81 0.02	30.08 -3.01 0.03	29.64 -2.61 0.02	28.24 -2.69 0.02	27.48 -2.72 0.02	29.27 -3.18 0.04	28.95 -3.67 5.99	29.88 -3.41 7.31	29.31 -2.91 7.13	30.22 -2.60 7.20	31.14 -2.55 7.44	35.22 -3.50 8.56	37.49 -3.45 9.10	39.05 -3.71 9.51	39.09 -3.93 9.40	40.51 -4.37 11.16	44.84 -5.42 12.75	55.52 -6.60 19.42	68.69 -8.47 28.62	79.13 -9.36 24.34	68.28 -7.57 13.20	50.16 -6.01 7.06	45.08 -4.38 3.34	40.29 -3.51 0.02
OXBOW___ 24026	37.30 -2.81 0.02	29.98 -3.11 0.03	29.38 -2.87 0.02	28.21 -2.72 0.02	27.48 -2.72 0.02	29.20 -3.25 0.04	28.87 -3.74 5.99	30.16 -3.13 7.31	28.95 -3.27 7.13	30.22 -2.60 7.20	31.26 -2.43 7.44	35.26 -3.45 8.56	36.74 -4.20 9.10	38.42 -4.34 9.51	39.09 -3.93 9.40	40.57 -4.31 11.16	44.91 -5.36 12.75	55.44 -6.69 19.42	68.69 -8.46 28.62	79.13 -9.36 24.34	68.64 -7.21 13.20	50.16 -6.01 7.06	45.03 -4.44 3.34	40.07 -3.72 0.02
OXY_CHEM_DSASP 323612	37.18 -2.93 0.02	29.88 -3.21 0.03	29.29 -2.97 0.02	28.15 -2.79 0.02	27.39 -2.81 0.02	29.10 -3.35 0.04	28.76 -3.86 5.99	30.04 -3.25 7.31	28.79 -3.42 7.13	30.06 -2.76 7.20	31.10 -2.59 7.44	35.07 -3.64 8.56	36.54 -4.40 9.10	38.22 -4.55 9.51	38.88 -4.14 9.40	40.34 -4.54 11.16	44.66 -5.61 12.75	55.03 -7.10 19.42	68.16 -8.99 28.62	78.56 -9.93 24.34	68.28 -7.57 13.20	49.91 -6.26 7.06	44.82 -4.65 3.34	39.94 -3.86 0.02
OZONE_PARK_ESR 323760	43.66 3.53 0.00	35.88 2.75 0.00	34.86 2.58 0.00	33.43 2.48 0.00	32.64 2.42 0.00	35.20 2.70 -0.01	42.39 3.78 0.00	44.86 4.26 0.00	44.00 4.64 -0.01	45.11 5.08 -0.01	46.55 5.39 -0.04	54.98 6.19 -1.51	59.79 6.61 -3.13	62.71 6.80 -3.64	67.25 6.82 -8.00	77.74 7.34 -14.36	106.46 8.19 -35.26	144.15 11.17 -51.42	143.69 14.28 -23.64	158.18 15.46 -29.90	100.82 11.31 -0.46	70.89 7.65 0.00	59.09 6.28 0.00	48.37 4.56 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	37.18 -2.93 0.02	29.88 -3.21 0.03	29.29 -2.97 0.02	28.15 -2.79 0.02	27.39 -2.81 0.02	29.10 -3.35 0.04	28.76 -3.86 5.99	30.04 -3.25 7.31	28.79 -3.42 7.13	30.06 -2.76 7.20	31.10 -2.59 7.44	35.07 -3.64 8.56	36.54 -4.40 9.10	38.22 -4.55 9.51	38.88 -4.14 9.40	40.34 -4.54 11.16	44.66 -5.61 12.75	55.03 -7.10 19.42	68.16 -8.99 28.62	78.56 -9.93 24.34	68.28 -7.57 13.20	49.91 -6.26 7.06	44.82 -4.65 3.34	39.94 -3.86 0.02
PACKARD___115KV_DUPONT_184 80571	37.18 -2.93 0.02	29.98 -3.11 0.03	29.54 -2.71 0.02	28.18 -2.76 0.02	27.42 -2.78 0.02	29.20 -3.25 0.04	28.83 -3.78 5.99	29.76 -3.53 7.31	29.19 -3.03 7.13	30.10 -2.72 7.20	31.02 -2.67 7.44	35.07 -3.64 8.56	37.29 -3.65 9.10	38.84 -3.92 9.51	38.88 -4.14 9.40	40.29 -4.59 11.16	44.59 -5.67 12.75	55.20 -6.93 19.42	68.16 -8.99 28.62	78.68 -9.82 24.34	67.83 -8.01 13.20	49.91 -6.26 7.06	44.92 -4.54 3.34	40.16 -3.64 0.02
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	43.46 3.33 -0.01	35.82 2.68 -0.01	34.80 2.52 -0.01	33.38 2.41 -0.01	32.62 2.39 -0.01	35.14 2.63 -0.01	42.00 3.40 0.00	44.33 3.73 0.00	43.41 4.05 -0.01	44.47 4.44 -0.01	45.93 4.77 -0.04	54.29 5.58 -1.45	58.96 5.91 -3.01	60.47 6.06 -2.13	66.24 5.82 -8.00	76.55 6.16 -14.35	103.29 7.25 -33.03	129.86 9.95 -38.36	129.00 12.38 -10.85	139.34 13.54 -12.97	98.95 9.88 -0.02	69.76 6.51 -0.01	58.30 5.49 0.00	48.11 4.29 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	44.19 4.05 -0.01	36.38 3.25 -0.01	35.38 3.10 -0.01	33.93 2.97 -0.01	33.16 2.93 -0.01	35.69 3.18 -0.01	42.69 4.09 0.00	45.10 4.51 0.00	44.08 4.72 -0.01	45.19 5.16 -0.01	46.71 5.55 -0.04	55.15 6.43 -1.45	59.86 6.81 -3.01	61.41 7.00 -2.13	67.19 6.76 -8.00	77.67 7.28 -14.35	104.55 8.51 -33.03	131.58 11.66 -38.36	131.33 14.70 -10.85	141.82 16.02 -12.97	100.91 11.84 -0.02	71.34 8.09 -0.01	59.62 6.81 0.00	49.16 5.35 -0.01
PATROON___115KV_TB1 80586	41.41 1.28 0.00	34.28 1.16 0.00	33.57 1.29 0.00	32.22 1.27 0.00	31.43 1.21 0.00	33.83 1.33 0.00	39.99 1.39 0.00	42.05 1.46 0.00	40.73 1.38 0.00	41.33 1.32 0.00	42.44 1.32 0.00	48.97 1.70 0.00	51.75 1.70 0.00	54.10 1.83 0.00	54.26 1.83 0.00	58.22 2.19 0.00	65.41 2.39 0.00	84.81 3.26 0.00	109.90 4.13 0.00	120.18 4.51 -2.84	92.43 3.38 0.00	65.45 2.21 0.00	54.55 1.74 0.00	45.39 1.58 0.00
PATTRSNVILLE___SOLAR 323815	41.81 1.68 0.00	34.52 1.39 0.00	33.60 1.32 0.00	32.28 1.33 0.00	31.49 1.27 0.00	33.89 1.40 0.00	40.30 1.70 0.00	42.17 1.58 0.00	40.57 1.22 0.00	41.02 1.00 0.00	42.11 0.99 0.00	48.45 1.18 0.00	51.20 1.15 0.00	53.63 1.36 0.00	53.89 1.47 0.00	57.94 1.91 0.00	65.35 2.33 0.00	85.39 3.83 0.00	111.59 5.81 0.00	123.74 6.88 -4.03	94.30 5.25 0.00	66.65 3.41 0.00	55.45 2.64 0.00	45.79 1.97 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	37.68 -2.45 0.00	30.30 -2.82 0.01	29.66 -2.61 0.00	28.48 -2.48 0.00	27.71 -2.51 0.00	29.64 -2.83 0.03	29.89 -1.66 7.05	31.09 -0.89 8.61	29.89 -1.06 8.40	31.06 -0.48 8.47	32.13 -0.25 8.75	36.30 -0.90 10.08	37.93 -1.40 10.72	39.72 -1.36 11.19	40.41 -0.94 11.07	47.19 -0.90 7.95	52.25 -1.89 8.87	64.80 -2.61 14.14	81.26 -3.07 21.44	88.65 -4.17 20.00	75.69 -3.29 10.06	53.99 -2.72 6.52	49.34 -1.37 2.09	40.57 -3.24 0.00

PAWLING_115_KV_BK3_REV_LBMP_H 345028	43.42 3.29 0.00	35.68 2.55 0.00	34.73 2.45 0.00	33.28 2.32 0.00	32.46 2.24 0.00	35.04 2.53 -0.01	42.00 3.40 0.00	44.33 3.73 0.00	43.32 3.97 0.00	44.38 4.36 0.00	45.81 4.69 0.00	52.80 5.48 -0.05	56.05 5.91 -0.10	58.50 6.12 -0.12	61.93 6.24 -3.26	68.73 6.84 -5.86	84.35 7.88 -13.47	108.22 11.09 -15.57	124.50 14.39 -4.34	134.07 15.46 -5.79	100.54 11.49 0.00	70.70 7.46 0.00	58.41 5.60 0.00	47.97 4.16 0.00
PEEKSKILL____ 23653	42.97 2.85 0.00	35.41 2.28 0.00	34.37 2.10 0.00	32.96 2.01 0.00	32.22 1.99 0.00	34.71 2.21 -0.01	41.62 3.01 0.00	44.00 3.41 0.00	42.93 3.58 0.00	43.85 3.84 0.00	45.48 4.36 0.01	51.98 4.96 0.26	54.62 5.11 0.53	57.03 5.38 0.62	67.22 5.45 -9.34	78.76 5.94 -16.79	108.29 6.68 -38.60	135.40 9.21 -44.63	130.16 11.95 -12.44	140.35 12.86 -14.66	98.67 9.62 0.00	69.44 6.20 0.00	57.77 4.96 0.00	47.36 3.55 0.00
PGE MADISON__WINDPWR 24146	42.61 2.49 0.00	34.88 1.76 0.00	33.89 1.61 0.00	32.56 1.61 0.00	31.79 1.57 0.00	34.39 1.88 -0.01	42.13 2.47 -1.05	44.68 2.80 -1.29	43.22 2.48 -1.39	43.66 2.24 -1.40	44.75 2.18 -1.45	51.94 2.60 -2.07	55.13 2.65 -2.43	57.96 3.08 -2.61	57.83 3.09 -2.31	61.91 3.53 -2.34	70.20 4.85 -2.33	93.41 8.16 -3.70	124.65 11.85 -7.03	132.66 12.98 -6.86	103.38 9.71 -4.62	69.14 5.88 -0.03	57.63 4.28 -0.55	46.62 2.80 0.00
PIERCEFIELD____HYD 23852	38.32 -1.81 0.00	31.73 -1.39 0.00	30.85 -1.42 0.00	29.56 -1.39 0.00	28.89 -1.33 0.00	31.10 -1.40 0.00	36.56 -2.05 0.00	37.91 -2.68 0.00	36.64 -2.72 0.00	37.05 -2.96 0.00	37.96 -3.17 0.00	43.77 -3.50 0.00	46.44 -3.60 0.00	48.61 -3.66 0.00	48.65 -3.77 0.00	51.55 -4.48 0.00	58.48 -4.54 0.00	76.01 -5.55 0.00	99.85 -5.92 0.00	106.85 -5.98 0.00	84.42 -4.63 0.00	60.14 -3.10 0.00	50.17 -2.64 0.00	42.19 -1.62 0.00
PINELAWN_CC_I 323563	44.98 4.25 -0.61	36.37 3.25 0.00	35.12 2.84 0.00	33.62 2.66 0.00	32.88 2.66 0.00	35.59 3.09 -0.01	42.77 4.17 0.00	45.34 4.75 0.00	43.72 4.37 -0.01	44.02 4.00 -0.01	47.49 5.39 -0.98	53.71 5.25 -1.20	57.48 4.96 -2.48	60.90 5.75 -2.88	66.58 6.18 -7.97	76.91 6.55 -14.32	120.57 8.13 -49.43	150.82 11.17 -58.09	236.27 14.60 -115.90	201.23 15.68 -72.72	126.08 11.84 -25.18	82.88 7.90 -11.74	58.31 5.49 -0.01	48.37 4.56 0.00
PJM_GEN_HTP_PROXY 323702	43.34 3.21 0.00	35.71 2.59 0.00	34.63 2.35 0.00	33.24 2.29 0.00	32.49 2.27 0.00	35.00 2.50 -0.01	42.04 3.43 0.00	44.53 3.94 0.00	43.49 4.13 -0.01	44.51 4.48 -0.01	46.14 4.97 -0.04	54.59 5.72 -1.60	59.32 5.95 -3.32	62.40 6.27 -3.86	66.73 6.29 -8.01	77.20 6.78 -14.38	105.48 7.49 -34.97	141.35 10.19 -49.61	140.61 13.01 -21.83	154.32 13.99 -27.50	99.77 10.32 -0.40	76.15 6.89 -6.02	53.55 5.81 5.07	46.90 4.03 0.94
PJM_GEN_KEystone 24065	40.57 0.44 0.00	33.19 0.07 0.00	32.37 0.10 0.00	30.98 0.03 0.00	30.25 0.03 0.00	32.52 0.03 0.01	37.42 0.58 1.76	39.46 1.02 2.15	38.44 1.18 2.09	39.39 1.48 2.11	40.72 1.77 2.17	46.56 1.80 2.51	49.28 1.90 2.67	51.47 1.99 2.78	57.97 2.04 -3.50	72.92 2.35 -14.53	110.83 2.39 -45.42	161.00 3.50 -75.94	166.00 4.65 -55.58	166.00 4.74 -48.43	89.79 3.47 2.73	68.71 1.77 -3.71	48.49 1.58 5.90	43.48 0.61 0.94
PJM_GEN_NEPTUNE_PROXY 323594	44.30 3.57 -0.61	35.87 2.75 0.00	34.66 2.39 0.00	33.21 2.26 0.00	32.46 2.24 0.00	35.10 2.60 -0.01	42.19 3.59 0.00	44.74 4.14 0.00	43.21 3.86 -0.01	43.66 3.64 -0.01	47.12 5.02 -0.98	53.43 4.96 -1.20	57.18 4.66 -2.48	60.54 5.38 -2.88	66.22 5.82 -7.97	76.41 6.05 -14.32	120.00 7.56 -49.43	150.00 10.36 -58.09	235.00 13.33 -115.90	200.00 14.45 -72.72	125.00 10.77 -25.18	88.08 7.08 -17.76	52.59 4.86 5.07	46.81 3.94 0.94
PJM_GEN_VFT_PROXY 323633	43.17 3.05 0.00	35.58 2.45 0.00	34.47 2.20 0.00	33.12 2.17 0.00	32.37 2.15 0.00	34.87 2.37 -0.01	41.88 3.28 0.00	44.37 3.78 0.00	43.37 4.02 -0.01	44.39 4.36 -0.01	46.01 4.85 -0.04	54.36 5.58 -1.51	58.98 5.80 -3.13	61.92 6.01 -3.64	66.40 5.97 -8.00	76.85 6.44 -14.37	105.39 7.12 -35.26	142.68 9.70 -51.42	141.78 12.37 -23.64	156.03 13.31 -29.90	99.31 9.80 -0.46	75.77 6.51 -6.02	53.45 5.71 5.07	46.81 3.94 0.94
PLATSBURG_115KV_PMLD1 355749	39.28 -0.84 0.00	32.56 -0.56 0.00	31.66 -0.61 0.00	30.37 -0.59 0.00	29.68 -0.54 0.00	31.91 -0.58 0.00	37.79 -0.81 0.00	39.66 -0.93 0.00	39.00 -0.35 0.00	39.61 -0.40 0.00	40.55 -0.58 0.00	46.66 -0.61 0.00	49.50 -0.55 0.00	51.75 -0.52 0.00	51.90 -0.52 0.00	54.24 -1.79 0.00	59.67 -3.34 0.00	76.50 -5.06 0.00	99.32 -6.45 0.00	105.95 -6.88 0.00	83.71 -5.34 0.00	60.39 -2.85 0.00	52.18 -0.63 0.00	43.51 -0.31 0.00
PLEASANTVLY____LBMP 24000	42.65 2.53 0.00	35.11 1.99 0.00	34.18 1.90 0.00	32.75 1.80 0.00	31.98 1.75 0.00	34.48 1.98 -0.01	41.30 2.70 0.00	43.60 3.00 0.00	42.58 3.23 0.00	43.54 3.52 0.00	44.91 3.78 0.00	51.57 4.30 0.00	54.65 4.60 0.00	56.97 4.70 0.00	59.96 4.72 -2.82	66.20 5.10 -5.06	80.38 5.73 -11.64	102.92 7.91 -13.46	119.68 10.15 -3.75	128.91 10.94 -5.13	97.24 8.19 0.00	68.55 5.31 0.00	56.98 4.17 0.00	46.92 3.11 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	43.13 3.01 0.00	35.48 2.35 0.00	34.50 2.23 0.00	33.06 2.10 0.00	32.31 2.09 0.00	34.84 2.34 -0.01	41.81 3.20 0.00	44.17 3.57 0.00	43.21 3.86 -0.01	44.26 4.24 -0.01	45.76 4.61 -0.03	53.52 5.25 -1.00	57.72 5.61 -2.07	60.48 5.80 -2.40	65.20 5.82 -6.96	74.80 6.28 -12.49	98.79 7.06 -28.72	124.46 9.70 -33.20	127.61 12.59 -9.25	137.53 13.54 -11.16	99.11 10.06 0.00	69.81 6.58 0.00	57.99 5.18 0.00	47.62 3.81 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	43.13 3.01 0.00	35.48 2.35 0.00	34.50 2.23 0.00	33.06 2.10 0.00	32.31 2.09 0.00	34.84 2.34 -0.01	41.81 3.20 0.00	44.17 3.57 0.00	43.21 3.86 -0.01	44.26 4.24 -0.01	45.76 4.61 -0.03	53.52 5.25 -1.00	57.72 5.61 -2.07	60.48 5.80 -2.40	65.20 5.82 -6.96	74.80 6.28 -12.49	98.79 7.06 -28.72	124.46 9.70 -33.20	127.61 12.59 -9.25	137.53 13.54 -11.16	99.11 10.06 0.00	69.81 6.58 0.00	57.99 5.18 0.00	47.62 3.81 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	43.01 2.89 0.00	35.41 2.29 0.00	34.47 2.19 0.00	33.03 2.07 0.00	32.22 1.99 0.00	34.74 2.24 -0.01	41.61 3.01 0.00	43.92 3.33 0.00	42.81 3.46 0.00	43.74 3.72 0.00	45.07 3.95 0.00	51.85 4.54 -0.04	55.03 4.90 -0.08	57.48 5.12 -0.09	59.71 5.24 -2.04	65.36 5.66 -3.66	78.05 6.62 -8.42	100.43 9.13 -9.75	120.33 11.85 -2.71	129.79 12.86 -4.09	98.67 9.62 0.00	69.50 6.26 0.00	57.56 4.75 0.00	47.36 3.55 0.00
POLETTI____ 23519	43.25 3.13 0.00	35.58 2.45 0.00	34.60 2.32 0.00	33.15 2.20 0.00	32.40 2.18 0.00	34.94 2.44 -0.01	42.00 3.40 0.00	44.37 3.78 0.00	43.53 4.17 -0.01	44.59 4.56 -0.01	46.06 4.89 -0.04	54.32 5.58 -1.47	59.06 5.96 -3.05	61.94 6.12 -3.55	66.51 6.08 -8.00	76.95 6.56 -14.36	97.91 7.25 -27.65	97.91 9.87 -6.49	97.92 12.59 20.44	98.03 13.65 28.45	97.82 9.88 1.11	69.94 6.70 0.00	58.36 5.55 0.00	47.80 3.99 0.00

POMONA___ESR 323819	42.97 2.85 0.00	35.41 2.28 0.00	34.34 2.07 0.00	32.96 2.01 0.00	32.19 1.96 0.00	34.71 2.21 -0.01	41.57 2.97 0.00	44.00 3.41 0.00	42.89 3.54 0.00	43.86 3.84 0.00	45.44 4.32 0.01	51.94 4.87 0.20	54.68 5.05 0.42	57.17 5.38 0.49	72.68 5.45 -14.80	88.59 5.94 -26.61	130.94 6.75 -61.19	161.50 9.21 -70.73	137.44 11.95 -19.71	148.23 12.75 -22.66	98.58 9.53 0.00	69.37 6.13 0.00	57.66 4.86 0.00	47.32 3.51 0.00
PORT_JEFF_3 23555	45.47 4.73 -0.61	36.64 3.51 0.00	35.34 3.07 0.00	33.80 2.85 0.00	33.06 2.84 0.00	35.82 3.32 -0.01	43.08 4.48 0.00	45.63 5.03 0.00	43.76 4.41 -0.01	43.74 3.72 -0.01	47.29 5.18 -0.98	53.34 4.87 -1.20	57.03 4.51 -2.48	60.54 5.38 -2.88	66.01 5.61 -7.97	76.18 5.83 -14.32	119.44 6.99 -49.43	149.59 9.95 -58.09	234.57 12.90 -115.90	199.31 13.76 -72.72	124.55 10.32 -25.18	81.81 6.83 -11.74	57.89 5.07 -0.01	48.24 4.42 0.00
PORT_JEFF_4 23616	45.47 4.73 -0.61	36.64 3.51 0.00	35.34 3.07 0.00	33.80 2.85 0.00	33.06 2.84 0.00	35.82 3.32 -0.01	43.08 4.48 0.00	45.63 5.03 0.00	43.76 4.41 -0.01	43.74 3.72 -0.01	47.29 5.18 -0.98	53.34 4.87 -1.20	57.03 4.51 -2.48	60.54 5.38 -2.88	66.01 5.61 -7.97	76.18 5.83 -14.32	119.44 6.99 -49.43	149.59 9.95 -58.09	234.57 12.90 -115.90	199.31 13.76 -72.72	124.55 10.32 -25.18	81.81 6.83 -11.74	57.89 5.07 -0.01	48.24 4.42 0.00
PORT_JEFF_IC 23713	45.60 4.86 -0.62	36.64 3.51 0.00	35.40 3.13 0.00	33.83 2.88 0.00	33.09 2.87 0.00	35.85 3.35 -0.01	43.43 4.83 0.00	45.71 5.11 0.00	43.76 4.41 -0.01	43.98 3.96 -0.01	47.29 5.18 -0.98	53.19 4.73 -1.20	57.38 4.85 -2.48	60.59 5.44 -2.88	66.06 5.66 -7.97	76.29 5.94 -14.31	119.37 6.93 -49.43	149.51 9.87 -58.09	234.58 12.90 -115.90	199.32 13.77 -72.72	124.47 10.24 -25.18	82.38 7.40 -11.74	57.99 5.18 0.00	48.41 4.60 0.00
PPL PILGRIM_ST_GT1 24216	45.38 4.65 -0.61	36.60 3.48 0.00	35.34 3.07 0.00	33.83 2.88 0.00	33.06 2.84 0.00	35.82 3.32 -0.01	43.08 4.48 0.00	45.67 5.07 0.00	43.92 4.56 -0.01	44.10 4.08 -0.01	47.65 5.55 -0.98	53.71 5.25 -1.20	57.38 4.85 -2.48	60.90 5.75 -2.88	66.53 6.13 -7.97	76.69 6.33 -14.32	120.06 7.62 -49.43	150.32 10.68 -58.09	235.53 13.85 -115.90	200.33 14.78 -72.72	125.36 11.13 -25.18	82.56 7.58 -11.74	58.26 5.44 -0.01	48.50 4.69 0.00
PPL PILGRIM_ST_GT2 24217	45.38 4.65 -0.61	36.60 3.48 0.00	35.34 3.07 0.00	33.83 2.88 0.00	33.06 2.84 0.00	35.82 3.32 -0.01	43.08 4.48 0.00	45.67 5.07 0.00	43.92 4.56 -0.01	44.10 4.08 -0.01	47.65 5.55 -0.98	53.71 5.25 -1.20	57.38 4.85 -2.48	60.90 5.75 -2.88	66.53 6.13 -7.97	76.69 6.33 -14.32	120.06 7.62 -49.43	150.32 10.68 -58.09	235.53 13.85 -115.90	200.33 14.78 -72.72	125.36 11.13 -25.18	82.56 7.58 -11.74	58.26 5.44 -0.01	48.50 4.69 0.00
PPL_SHRM_GT3 24213	46.60 5.86 -0.62	37.17 4.04 0.00	35.79 3.52 0.00	34.23 3.28 0.00	33.49 3.27 0.00	36.30 3.80 -0.01	43.74 5.13 0.00	46.20 5.60 0.00	43.49 4.13 -0.01	42.82 2.80 -0.01	46.34 4.24 -0.98	52.25 3.78 -1.20	56.03 3.50 -2.48	59.59 4.44 -2.88	65.28 4.88 -7.97	75.79 5.43 -14.32	119.37 6.93 -49.43	149.83 10.19 -58.09	235.00 13.33 -115.90	199.66 14.10 -72.72	125.00 10.77 -25.18	82.12 7.14 -11.74	57.46 4.65 -0.01	47.67 3.86 0.00
PPL_SHRM_GT4 24214	46.60 5.86 -0.62	37.17 4.04 0.00	35.79 3.52 0.00	34.23 3.28 0.00	33.49 3.27 0.00	36.30 3.80 -0.01	43.74 5.13 0.00	46.20 5.60 0.00	43.49 4.13 -0.01	42.82 2.80 -0.01	46.34 4.24 -0.98	52.25 3.78 -1.20	56.03 3.50 -2.48	59.59 4.44 -2.88	65.28 4.88 -7.97	75.79 5.43 -14.32	119.37 6.93 -49.43	149.83 10.19 -58.09	235.00 13.33 -115.90	199.66 14.10 -72.72	125.00 10.77 -25.18	82.12 7.14 -11.74	57.46 4.65 -0.01	47.67 3.86 0.00
PROJECT___ORANGE 1 24174	40.00 -0.12 0.00	32.92 -0.20 0.00	32.08 -0.19 0.00	30.77 -0.19 0.00	30.04 -0.18 0.00	32.29 -0.19 0.01	38.45 -0.15 0.00	40.51 -0.08 0.00	39.23 -0.12 0.00	39.93 -0.08 0.00	41.08 -0.04 0.00	47.84 -0.05 -0.61	51.04 0.00 -0.99	53.42 0.00 -1.15	53.25 0.10 -0.72	56.64 0.22 -0.38	63.33 0.32 0.00	83.05 0.65 -0.84	110.58 1.16 -3.64	117.08 0.90 -3.35	93.49 0.80 -3.64	61.94 0.06 1.36	52.76 -0.05 0.00	43.64 -0.18 0.00
PROJECT___ORANGE 2 24166	40.00 -0.12 0.00	32.92 -0.20 0.00	32.08 -0.19 0.00	30.77 -0.19 0.00	30.04 -0.18 0.00	32.29 -0.19 0.01	38.45 -0.15 0.00	40.51 -0.08 0.00	39.23 -0.12 0.00	39.93 -0.08 0.00	41.08 -0.04 0.00	47.84 -0.05 -0.61	51.04 0.00 -0.99	53.42 0.00 -1.15	53.25 0.10 -0.72	56.64 0.22 -0.38	63.33 0.32 0.00	83.05 0.65 -0.84	110.58 1.16 -3.64	117.08 0.90 -3.35	93.49 0.80 -3.64	61.94 0.06 1.36	52.76 -0.05 0.00	43.64 -0.18 0.00
PUCKETT___SOLAR 323809	41.17 1.04 0.00	33.80 0.66 -0.01	32.92 0.65 0.00	31.57 0.62 0.00	30.83 0.60 0.00	33.22 0.68 -0.05	39.76 1.16 0.00	41.98 1.38 0.00	40.61 1.26 0.00	41.26 1.24 0.00	42.40 1.28 0.00	49.04 1.37 -0.40	52.14 1.45 -0.64	54.63 1.62 -0.74	54.52 1.63 -0.47	58.36 1.96 -0.37	65.53 2.39 -0.12	86.37 3.83 -0.99	114.65 5.60 -3.28	122.08 5.98 -3.27	96.47 4.72 -2.71	65.15 2.66 0.75	54.92 2.11 0.00	44.95 1.14 0.00
PYRITES___HYD 24023	39.08 -1.04 0.00	32.33 -0.79 0.00	31.44 -0.84 0.00	30.15 -0.80 0.00	29.47 -0.76 0.00	31.71 -0.78 0.00	37.33 -1.27 0.00	38.73 -1.87 0.00	37.30 -2.05 0.00	37.65 -2.36 0.00	38.53 -2.59 0.00	44.44 -2.84 0.00	47.15 -2.90 0.00	49.34 -2.93 0.00	49.39 -3.04 0.00	52.34 -3.70 0.00	59.48 -3.53 0.00	77.47 -4.08 0.00	101.96 -3.81 0.00	109.44 -3.38 0.00	86.47 -2.58 0.00	61.59 -1.64 0.00	51.38 -1.43 0.00	43.02 -0.79 0.00
QUAKERRD_115KV_BK1 80622	38.72 -1.40 0.00	31.63 -1.49 0.00	30.89 -1.39 0.00	29.62 -1.33 0.00	28.89 -1.33 0.00	30.95 -1.53 0.02	36.63 -1.97 0.00	38.89 -1.70 0.00	37.54 -1.81 0.00	38.37 -1.64 0.00	39.64 -1.48 0.00	45.52 -1.75 0.00	48.14 -1.90 0.00	50.33 -1.93 0.00	50.59 -1.83 0.00	54.22 -1.74 0.08	60.99 -2.02 0.00	78.95 -2.37 0.24	102.44 -2.75 0.58	109.80 -3.16 -0.13	86.64 -2.23 0.18	57.62 -2.47 3.15	50.64 -2.17 0.00	42.15 -1.66 0.00
QUENSBRY_115KV_TB8 356137	42.93 2.81 0.00	35.48 2.35 0.00	34.53 2.26 0.00	33.21 2.26 0.00	32.37 2.15 0.00	34.83 2.34 0.00	40.53 1.93 0.00	42.58 1.99 0.00	40.92 1.57 0.00	41.41 1.40 0.00	42.48 1.36 0.00	49.26 1.99 0.00	52.10 2.05 0.00	54.67 2.40 0.00	54.84 2.41 0.00	59.18 3.14 0.00	66.60 3.59 0.00	87.26 5.71 0.00	114.23 8.46 0.00	126.42 9.70 -3.89	96.26 7.21 0.00	67.98 4.74 0.00	56.08 3.27 0.00	46.44 2.63 0.00
RAMAPO___LBMP 323565	42.77 2.65 0.00	35.21 2.09 0.00	34.24 1.97 0.00	32.81 1.86 0.00	32.04 1.81 0.00	34.55 2.05 -0.01	41.46 2.86 0.00	43.80 3.21 0.00	42.81 3.46 0.00	43.85 3.84 0.00	45.27 4.15 0.00	51.76 4.68 0.19	54.66 5.00 0.40	56.93 5.12 0.46	70.45 5.19 -12.84	84.78 5.66 -23.08	122.43 6.36 -53.06	151.70 8.81 -61.34	134.18 11.32 -17.09	144.79 12.19 -19.77	98.13 9.08 0.00	69.05 5.82 0.00	57.35 4.54 0.00	47.19 3.37 0.00

RANKINE____ 23646	37.84 -2.29 0.00	30.40 -2.72 0.01	29.79 -2.49 0.00	28.60 -2.35 0.00	27.83 -2.39 0.00	29.67 -2.79 0.03	28.17 -2.66 7.77	29.17 -1.95 9.48	28.02 -2.09 9.25	29.16 -1.52 9.33	30.14 -1.36 9.63	34.00 -2.17 11.10	35.49 -2.75 11.80	37.12 -2.82 12.33	37.82 -2.41 12.19	42.58 -2.52 10.94	46.99 -3.40 12.62	57.73 -4.32 19.50	71.43 -5.29 29.05	85.24 -6.09 21.50	73.46 -4.63 10.96	51.63 -4.17 7.43	46.54 -2.80 3.47	40.61 -3.20 0.00
RAVENSWOOD_GT2_1 24244	43.29 3.17 0.00	35.61 2.48 0.00	34.60 2.32 0.00	33.15 2.20 0.00	32.40 2.18 0.00	34.94 2.44 -0.01	42.00 3.40 0.00	44.37 3.78 0.00	43.53 4.17 -0.01	44.59 4.56 -0.01	46.01 4.85 -0.04	54.30 5.58 -1.45	59.02 5.96 -3.01	61.89 6.12 -3.51	66.51 6.08 -8.00	76.95 6.56 -14.35	100.46 7.25 -30.20	113.01 9.87 -21.59	112.73 12.59 5.62	117.64 13.65 8.84	98.44 9.97 0.58	69.88 6.64 0.00	58.36 5.55 0.00	47.80 3.99 0.00
RAVENSWOOD_GT2_2 24245	43.29 3.17 0.00	35.61 2.48 0.00	34.60 2.32 0.00	33.15 2.20 0.00	32.40 2.18 0.00	34.94 2.44 -0.01	42.00 3.40 0.00	44.37 3.78 0.00	43.53 4.17 -0.01	44.59 4.56 -0.01	46.01 4.85 -0.04	54.30 5.58 -1.45	59.02 5.96 -3.01	61.89 6.12 -3.51	66.51 6.08 -8.00	76.95 6.56 -14.35	100.46 7.25 -30.20	113.01 9.87 -21.59	112.73 12.59 5.62	117.64 13.65 8.84	98.44 9.97 0.58	69.88 6.64 0.00	58.36 5.55 0.00	47.80 3.99 0.00
RAVENSWOOD_GT2_3 24246	43.29 3.17 0.00	35.61 2.48 0.00	34.63 2.36 0.00	33.18 2.23 0.00	32.43 2.21 0.00	34.94 2.44 -0.01	42.00 3.40 0.00	44.41 3.82 0.00	43.57 4.21 -0.01	44.63 4.60 -0.01	46.06 4.89 -0.04	54.35 5.63 -1.45	59.07 6.01 -3.01	61.94 6.17 -3.50	66.56 6.13 -8.00	76.95 6.56 -14.35	100.99 7.31 -30.67	115.85 9.95 -24.35	115.55 12.69 2.91	121.35 13.77 5.25	98.54 9.97 0.48	69.94 6.70 0.00	58.36 5.55 0.00	47.84 4.03 0.00
RAVENSWOOD_GT2_4 24247	43.29 3.17 0.00	35.61 2.48 0.00	34.63 2.36 0.00	33.18 2.23 0.00	32.43 2.21 0.00	34.94 2.44 -0.01	42.00 3.40 0.00	44.41 3.82 0.00	43.57 4.21 -0.01	44.63 4.60 -0.01	46.06 4.89 -0.04	54.35 5.63 -1.45	59.07 6.01 -3.01	61.94 6.17 -3.50	66.56 6.13 -8.00	76.95 6.56 -14.35	100.99 7.31 -30.67	115.85 9.95 -24.35	115.55 12.69 2.91	121.35 13.77 5.25	98.54 9.97 0.48	69.94 6.70 0.00	58.36 5.55 0.00	47.84 4.03 0.00
RAVENSWOOD_GT3_1 24248	43.29 3.17 0.00	35.61 2.48 0.00	34.60 2.32 0.00	33.18 2.23 0.00	32.40 2.18 0.00	34.94 2.44 -0.01	42.00 3.40 0.00	44.37 3.78 0.00	43.53 4.17 -0.01	44.63 4.60 -0.01	46.06 4.89 -0.04	54.35 5.63 -1.45	59.01 5.96 -3.01	61.93 6.17 -3.50	66.51 6.08 -8.00	76.95 6.56 -14.35	103.91 7.25 -33.65	133.41 9.87 -41.99	132.76 12.59 -14.40	144.15 13.65 -17.67	99.16 9.97 -0.13	69.94 6.70 0.00	58.36 5.55 0.00	47.84 4.03 0.00
RAVENSWOOD_GT3_2 24249	43.29 3.17 0.00	35.61 2.48 0.00	34.60 2.32 0.00	33.18 2.23 0.00	32.40 2.18 0.00	34.94 2.44 -0.01	42.00 3.40 0.00	44.37 3.78 0.00	43.53 4.17 -0.01	44.63 4.60 -0.01	46.06 4.89 -0.04	54.35 5.63 -1.45	59.01 5.96 -3.01	61.93 6.17 -3.50	66.51 6.08 -8.00	76.95 6.56 -14.35	103.91 7.25 -33.65	133.41 9.87 -41.99	132.76 12.59 -14.40	144.15 13.65 -17.67	99.16 9.97 -0.13	69.94 6.70 0.00	58.36 5.55 0.00	47.84 4.03 0.00
RAVENSWOOD_GT3_3 24250	43.37 3.25 0.00	35.64 2.52 0.00	34.66 2.39 0.00	33.21 2.26 0.00	32.46 2.24 0.00	35.00 2.50 -0.01	42.08 3.47 0.00	44.45 3.86 0.00	43.65 4.29 -0.01	44.71 4.68 -0.01	46.14 4.98 -0.04	54.44 5.72 -1.45	59.16 6.11 -3.01	62.04 6.27 -3.50	66.66 6.24 -8.00	77.11 6.72 -14.35	103.45 7.44 -33.00	129.82 10.11 -38.15	129.31 12.90 -10.63	139.50 13.99 -12.68	99.29 10.24 0.00	70.06 6.83 0.00	58.46 5.65 0.00	47.93 4.12 0.00
RAVENSWOOD_GT3_4 24251	43.37 3.25 0.00	35.64 2.52 0.00	34.66 2.39 0.00	33.21 2.26 0.00	32.46 2.24 0.00	35.00 2.50 -0.01	42.08 3.47 0.00	44.45 3.86 0.00	43.65 4.29 -0.01	44.71 4.68 -0.01	46.14 4.98 -0.04	54.44 5.72 -1.45	59.16 6.11 -3.01	62.04 6.27 -3.50	66.66 6.24 -8.00	77.11 6.72 -14.35	103.45 7.44 -33.00	129.82 10.11 -38.15	129.31 12.90 -10.63	139.50 13.99 -12.68	99.29 10.24 0.00	70.06 6.83 0.00	58.46 5.65 0.00	47.93 4.12 0.00
RAVENSWOOD_GT_1 23729	43.38 3.25 0.00	35.68 2.55 0.00	34.70 2.42 0.00	33.28 2.32 0.00	32.52 2.30 0.00	35.04 2.53 -0.01	42.04 3.44 0.00	44.45 3.86 0.00	43.61 4.25 -0.01	44.75 4.72 -0.02	46.18 5.02 -0.04	54.66 5.86 -1.53	59.28 6.21 -3.03	62.17 6.38 -3.52	66.56 6.13 -8.00	76.78 6.39 -14.35	101.46 7.18 -31.27	119.34 9.87 -27.92	119.24 12.48 -0.99	127.23 13.54 -0.86	98.48 9.80 0.36	69.75 6.51 0.00	58.46 5.65 0.00	47.98 4.16 0.00
RAVENSWOOD_GT_10 24258	43.29 3.17 0.00	35.58 2.45 0.00	34.60 2.32 0.00	33.15 2.20 0.00	32.40 2.18 0.00	34.94 2.44 -0.01	42.00 3.40 0.00	44.37 3.78 0.00	43.53 4.17 -0.01	44.59 4.56 -0.01	46.01 4.85 -0.04	54.30 5.58 -1.45	59.02 5.96 -3.01	61.89 6.12 -3.51	66.51 6.08 -8.00	76.95 6.56 -14.35	100.64 7.25 -30.38	114.08 9.87 -22.66	113.79 12.59 4.57	119.04 13.65 7.45	98.48 9.97 0.54	69.94 6.70 0.00	58.30 5.49 0.00	47.80 3.99 0.00
RAVENSWOOD_GT_11 24259	43.29 3.17 0.00	35.58 2.45 0.00	34.60 2.32 0.00	33.15 2.20 0.00	32.40 2.18 0.00	34.94 2.44 -0.01	42.00 3.40 0.00	44.37 3.78 0.00	43.53 4.17 -0.01	44.59 4.56 -0.01	46.01 4.85 -0.04	54.30 5.58 -1.45	59.02 5.96 -3.01	61.89 6.12 -3.51	66.51 6.08 -8.00	76.95 6.56 -14.35	100.64 7.25 -30.38	114.08 9.87 -22.66	113.79 12.59 4.57	119.04 13.65 7.45	98.48 9.97 0.54	69.94 6.70 0.00	58.30 5.49 0.00	47.80 3.99 0.00
RAVENSWOOD_GT_4 24252	43.29 3.17 0.00	35.61 2.48 0.00	34.63 2.36 0.00	33.18 2.23 0.00	32.43 2.21 0.00	34.94 2.44 -0.01	42.00 3.40 0.00	44.37 3.78 0.00	43.53 4.17 -0.01	44.63 4.60 -0.01	46.05 4.89 -0.04	54.46 5.67 -1.52	59.04 6.01 -2.99	61.97 6.22 -3.48	66.51 6.08 -8.00	76.83 6.44 -14.35	102.78 7.18 -32.59	127.04 9.79 -35.71	126.06 12.48 -7.81	134.30 13.54 -7.93	98.85 9.88 0.08	69.81 6.58 0.00	58.35 5.55 0.00	47.84 4.03 0.00
RAVENSWOOD_GT_5 24254	43.29 3.17 0.00	35.61 2.48 0.00	34.63 2.36 0.00	33.18 2.23 0.00	32.43 2.21 0.00	34.94 2.44 -0.01	42.00 3.40 0.00	44.37 3.78 0.00	43.53 4.17 -0.01	44.63 4.60 -0.01	46.05 4.89 -0.04	54.46 5.67 -1.52	59.04 6.01 -2.99	61.97 6.22 -3.48	66.51 6.08 -8.00	76.83 6.44 -14.35	102.78 7.18 -32.59	127.04 9.79 -35.71	126.06 12.48 -7.81	134.30 13.54 -7.93	98.85 9.88 0.08	69.81 6.58 0.00	58.35 5.55 0.00	47.84 4.03 0.00
RAVENSWOOD_GT_6 24253	43.29 3.17 0.00	35.61 2.48 0.00	34.63 2.36 0.00	33.18 2.23 0.00	32.43 2.21 0.00	34.94 2.44 -0.01	42.00 3.40 0.00	44.37 3.78 0.00	43.53 4.17 -0.01	44.63 4.60 -0.01	46.05 4.89 -0.04	54.46 5.67 -1.52	59.04 6.01 -2.99	61.97 6.22 -3.48	66.51 6.08 -8.00	76.83 6.44 -14.35	102.78 7.18 -32.59	127.04 9.79 -35.71	126.06 12.48 -7.81	134.30 13.54 -7.93	98.85 9.88 0.08	69.81 6.58 0.00	58.35 5.55 0.00	47.84 4.03 0.00

RAVENSWOOD_GT_7 24255	43.29 3.17 0.00	35.61 2.48 0.00	34.63 2.36 0.00	33.18 2.23 0.00	32.43 2.21 0.00	34.94 2.44 -0.01	42.00 3.40 0.00	44.37 3.78 0.00	43.53 4.17 -0.01	44.63 4.60 -0.01	46.05 4.89 -0.04	54.46 5.67 -1.52	59.04 6.01 -2.99	61.97 6.22 -3.48	66.51 6.08 -8.00	76.83 6.44 -14.35	102.78 7.18 -32.59	127.04 9.79 -35.71	126.06 12.48 -7.81	134.30 13.54 -7.93	98.85 9.88 0.08	69.81 6.58 0.00	58.35 5.55 0.00	47.84 4.03 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	43.29 3.17 0.00	35.58 2.45 0.00	34.60 2.32 0.00	33.15 2.20 0.00	32.40 2.18 0.00	34.94 2.44 -0.01	42.00 3.40 0.00	44.37 3.78 0.00	43.53 4.17 -0.01	44.59 4.56 -0.01	46.01 4.85 -0.04	54.30 5.58 -1.45	59.02 5.96 -3.01	61.89 6.12 -3.51	66.51 6.08 -8.00	76.95 6.56 -14.35	100.64 7.25 -30.38	114.08 9.87 -22.66	113.79 12.59 4.57	119.04 13.65 7.45	98.48 9.97 0.54	69.94 6.70 0.00	58.30 5.49 0.00	47.80 3.99 0.00
RAVENSWOOD_GT_9 24257	43.29 3.17 0.00	35.58 2.45 0.00	34.60 2.32 0.00	33.15 2.20 0.00	32.40 2.18 0.00	34.94 2.44 -0.01	42.00 3.40 0.00	44.37 3.78 0.00	43.53 4.17 -0.01	44.59 4.56 -0.01	46.01 4.85 -0.04	54.30 5.58 -1.45	59.02 5.96 -3.01	61.89 6.12 -3.51	66.51 6.08 -8.00	76.95 6.56 -14.35	100.64 7.25 -30.38	114.08 9.87 -22.66	113.79 12.59 4.57	119.04 13.65 7.45	98.48 9.97 0.54	69.94 6.70 0.00	58.30 5.49 0.00	47.80 3.99 0.00
RAVENSWOOD___1 23533	43.37 3.25 0.00	35.74 2.62 0.00	34.66 2.39 0.00	33.31 2.35 0.00	32.58 2.36 0.00	35.07 2.57 -0.01	42.04 3.43 0.00	44.53 3.94 0.00	43.53 4.17 -0.01	44.51 4.48 -0.01	46.14 4.97 -0.04	54.60 5.81 -1.52	59.11 6.05 -3.01	62.09 6.32 -3.50	66.50 6.08 -8.00	76.78 6.39 -14.36	102.22 7.18 -32.02	123.80 9.86 -32.38	118.08 12.48 0.17	128.33 13.31 -2.19	98.73 9.88 0.20	69.75 6.51 0.00	58.52 5.71 -0.01	47.89 4.08 0.00
RAVENSWOOD___2 23534	43.26 3.13 0.00	35.68 2.55 0.00	34.60 2.33 0.00	33.24 2.29 0.00	32.49 2.27 0.00	35.00 2.50 -0.01	41.96 3.36 0.00	44.41 3.81 0.00	43.41 4.05 -0.01	44.43 4.40 -0.01	46.01 4.85 -0.04	54.51 5.72 -1.52	59.01 5.95 -3.01	61.99 6.22 -3.50	66.40 5.97 -8.00	76.40 6.00 -14.36	101.66 6.61 -32.03	123.11 9.13 -32.42	117.09 11.53 0.21	127.43 12.41 -2.19	98.11 9.26 0.20	69.37 6.13 0.00	58.41 5.60 -0.01	47.80 3.99 0.00
RAVENSWOOD___3 23535	43.34 3.21 0.00	35.68 2.55 0.00	34.60 2.33 0.00	33.21 2.26 0.00	32.49 2.27 0.00	35.00 2.50 -0.01	42.00 3.40 0.00	44.45 3.86 0.00	43.45 4.09 -0.01	44.43 4.40 -0.01	46.01 4.85 -0.04	54.35 5.62 -1.45	58.86 5.80 -3.01	61.88 6.11 -3.50	66.50 6.08 -8.00	76.95 6.55 -14.36	102.21 7.24 -31.96	123.41 9.86 -31.99	123.05 12.69 -4.59	131.16 13.65 -4.68	98.80 9.97 0.22	69.94 6.70 0.00	58.47 5.65 -0.01	47.76 3.94 0.00
RAVENSWOOD___4 23820	43.33 3.21 0.00	35.71 2.59 0.00	34.66 2.39 0.00	33.28 2.32 0.00	32.55 2.33 0.00	35.04 2.54 -0.01	42.00 3.40 0.00	44.49 3.90 0.00	43.49 4.13 -0.01	44.51 4.48 -0.01	46.09 4.93 -0.04	54.59 5.81 -1.51	59.04 6.00 -2.99	62.02 6.27 -3.48	66.50 6.08 -8.00	76.73 6.33 -14.36	102.87 7.12 -32.74	127.95 9.78 -36.62	116.75 12.37 1.39	129.55 13.31 -3.42	98.79 9.80 0.05	69.69 6.45 0.00	58.52 5.71 -0.01	47.89 4.08 0.00
RCPL_TRUST___DRP 24196	43.66 3.53 0.00	35.88 2.75 0.00	34.89 2.61 0.00	33.43 2.48 0.00	32.67 2.45 0.00	35.23 2.73 -0.01	42.42 3.82 0.00	44.94 4.34 0.00	44.08 4.72 -0.01	45.27 5.24 -0.01	46.76 5.59 -0.04	55.16 6.29 -1.60	60.07 6.71 -3.32	63.13 7.00 -3.86	67.57 7.13 -8.01	78.09 7.68 -14.38	106.37 8.38 -34.97	142.49 11.34 -49.61	141.99 14.39 -21.83	155.79 15.46 -27.50	100.67 11.22 -0.40	70.89 7.65 0.00	59.09 6.28 0.00	48.32 4.51 0.00
RED___ROCHESTER 323720	39.65 -0.48 0.00	32.32 -0.80 0.01	31.66 -0.61 0.00	30.21 -0.74 0.00	29.47 -0.75 0.00	31.60 -0.88 0.02	37.33 -1.27 0.00	39.70 -0.89 0.00	38.61 -0.75 0.00	39.42 -0.60 0.00	40.68 -0.45 0.00	46.71 -0.57 0.00	49.80 -0.25 0.00	52.07 -0.21 -0.01	51.91 -0.52 -0.01	55.61 -0.33 0.09	62.44 -0.57 0.00	80.85 -0.32 0.38	104.53 -0.32 0.92	112.40 -0.56 -0.14	88.42 -0.44 0.19	59.04 -1.01 3.18	51.98 -0.85 -0.02	43.29 -0.52 0.00
REGAN___SOLAR 323812	42.81 2.69 0.00	35.35 2.22 0.00	34.37 2.10 0.00	33.03 2.07 0.00	32.25 2.03 0.00	34.74 2.24 -0.01	41.11 2.51 0.00	42.62 2.03 0.00	40.45 1.10 0.00	40.53 0.52 0.00	41.49 0.37 0.00	47.84 0.57 0.00	50.50 0.45 0.00	53.00 0.73 0.00	53.58 1.15 0.00	57.88 1.85 0.00	65.60 2.58 0.00	86.69 5.14 0.00	114.87 9.10 0.00	128.27 11.62 -3.82	97.87 8.82 0.00	68.93 5.69 0.00	57.14 4.33 0.00	47.05 3.24 0.00
RENSSELAER___COGEN 23796	41.25 1.12 0.00	34.12 0.99 0.00	33.40 1.13 0.00	32.07 1.11 0.00	31.28 1.06 0.00	33.66 1.17 0.00	39.80 1.20 0.00	41.89 1.30 0.00	40.53 1.18 0.00	41.10 1.08 0.00	42.27 1.15 0.00	48.69 1.42 0.00	51.50 1.45 0.00	53.63 1.36 0.00	53.79 1.36 0.00	57.60 1.57 0.00	64.77 1.76 0.00	84.00 2.44 0.00	108.84 3.07 0.00	118.56 3.27 -2.45	91.72 2.67 0.00	64.94 1.71 0.00	54.24 1.43 0.00	45.17 1.36 0.00
REPUBLIC_115KV_BARTNBRK 55605	44.62 4.49 0.00	36.87 3.74 0.00	35.86 3.58 0.00	34.54 3.59 0.00	33.64 3.42 0.00	36.20 3.70 0.00	42.46 3.86 0.00	44.33 3.73 0.00	41.99 2.64 0.00	42.18 2.16 0.00	43.18 2.06 0.00	50.34 3.07 0.00	53.25 3.20 0.00	56.03 3.76 0.00	56.52 4.09 0.00	61.42 5.38 0.00	69.50 6.49 0.00	90.69 9.13 0.00	119.84 14.07 0.00	133.13 16.47 -3.83	101.16 12.11 0.00	71.20 7.97 0.00	58.41 5.60 0.00	48.19 4.38 0.00
REVERE_CPPR_DRP 24186	41.17 1.04 0.00	33.82 0.70 0.00	32.92 0.65 0.00	31.57 0.62 0.00	30.83 0.60 0.00	33.27 0.78 0.00	39.57 0.97 0.00	41.61 1.01 0.00	40.18 0.83 0.00	40.73 0.72 0.00	41.87 0.74 0.00	48.58 0.99 -0.31	51.56 1.00 -0.51	54.16 1.31 -0.58	54.10 1.31 -0.37	57.69 1.46 -0.19	65.22 2.21 0.00	86.06 4.08 -0.43	114.41 6.77 -1.87	122.11 7.56 -1.72	96.71 5.79 -1.87	66.12 3.54 0.66	55.29 2.48 0.00	45.61 1.80 0.00
REYNLDDPA_13_KV_LD 356490	39.56 -0.56 0.00	32.73 -0.40 0.00	31.89 -0.39 0.00	30.58 -0.37 0.00	29.89 -0.33 0.00	32.07 -0.42 0.00	37.91 -0.69 0.00	39.74 -0.85 0.00	38.56 -0.79 0.00	39.21 -0.80 0.00	40.26 -0.87 0.00	46.33 -0.95 0.00	49.10 -0.95 0.00	51.12 -1.15 0.00	51.17 -1.26 0.00	54.02 -2.02 0.00	60.94 -2.08 0.00	78.54 -3.02 0.00	101.86 -3.91 0.00	108.43 -4.40 0.00	85.85 -3.20 0.00	61.40 -1.84 0.00	51.70 -1.11 0.00	43.29 -0.52 0.00
REYNOLDS_115KV_TB3 80639	41.49 1.36 0.00	34.35 1.23 0.00	33.57 1.29 0.00	32.19 1.24 0.00	31.43 1.21 0.00	33.83 1.33 0.00	40.07 1.47 0.00	42.18 1.58 0.00	40.88 1.53 0.00	41.49 1.48 0.00	42.56 1.44 0.00	49.02 1.75 0.00	51.85 1.80 0.00	54.20 1.93 0.00	54.37 1.94 0.00	58.22 2.19 0.00	65.47 2.46 0.00	84.90 3.34 0.00	109.90 4.13 0.00	119.98 4.51 -2.64	92.52 3.47 0.00	65.58 2.34 0.00	54.71 1.90 0.00	45.43 1.62 0.00

RIVERBAY____ 323610	44.19 4.05 -0.01	36.38 3.25 -0.01	35.38 3.10 -0.01	33.93 2.97 -0.01	33.16 2.93 -0.01	35.69 3.18 -0.01	42.69 4.09 0.00	45.10 4.51 0.00	44.08 4.72 -0.01	45.19 5.16 -0.01	46.71 5.55 -0.04	55.15 6.43 -1.45	59.86 6.81 -3.01	61.41 7.00 -2.13	67.19 6.76 -8.00	77.67 7.28 -14.35	104.55 8.51 -33.03	131.58 11.66 -38.36	131.33 14.70 -10.85	141.82 16.02 -12.97	100.91 11.84 -0.02	71.34 8.09 -0.01	59.62 6.81 0.00	49.16 5.35 -0.01
RIVERSIDE_115KV_TB3 55908	41.37 1.24 0.00	34.25 1.13 0.00	33.53 1.26 0.00	32.16 1.21 0.00	31.37 1.15 0.00	33.76 1.27 0.00	39.95 1.35 0.00	42.05 1.46 0.00	40.73 1.38 0.00	41.37 1.36 0.00	42.44 1.32 0.00	48.93 1.65 0.00	51.70 1.65 0.00	54.05 1.78 0.00	54.21 1.78 0.00	58.11 2.07 0.00	65.28 2.27 0.00	84.65 3.10 0.00	109.58 3.81 0.00	119.66 4.17 -2.66	92.25 3.21 0.00	65.39 2.15 0.00	54.50 1.69 0.00	45.35 1.53 0.00
ROARING__BROOK_WT_PWR 323790	39.20 -0.92 0.00	32.36 -0.76 0.00	31.53 -0.74 0.00	30.24 -0.71 0.00	29.53 -0.69 0.00	31.75 -0.75 0.00	37.68 -0.93 0.00	39.62 -0.97 0.00	38.41 -0.94 0.00	39.05 -0.96 0.00	40.10 -1.03 0.00	46.14 -1.13 0.00	48.85 -1.20 0.00	50.97 -1.30 0.00	51.12 -1.31 0.00	54.58 -1.46 0.00	61.37 -1.64 0.00	79.43 -2.12 0.00	103.02 -2.75 0.00	109.90 -2.93 0.00	86.73 -2.32 0.00	61.59 -1.64 0.00	51.49 -1.32 0.00	42.76 -1.05 0.00
ROCHESRG_115KV_T4 355643	39.16 -0.96 0.00	31.89 -1.23 0.01	31.14 -1.13 0.00	29.87 -1.08 0.00	29.13 -1.09 0.00	31.18 -1.30 0.02	35.91 -1.78 0.92	38.14 -1.34 1.12	36.75 -1.50 1.10	37.66 -1.24 1.11	38.95 -1.03 1.15	44.58 -1.37 1.32	47.04 -1.60 1.41	49.18 -1.62 1.47	49.51 -1.47 1.45	52.95 -1.40 1.69	59.46 -1.70 1.85	76.82 -1.88 2.86	99.38 -2.12 4.28	107.01 -2.48 3.33	85.52 -1.69 1.84	57.22 -2.15 3.87	50.59 -1.74 0.47	42.54 -1.27 0.00
ROCHESTER_9_IC 23652	39.48 -0.64 0.00	32.13 -0.99 0.01	31.40 -0.87 0.00	30.12 -0.84 0.00	29.35 -0.88 0.00	31.40 -1.07 0.02	37.18 -1.43 0.00	39.66 -0.93 -0.01	38.25 -1.10 -0.01	39.18 -0.84 -0.01	40.55 -0.58 0.00	46.47 -0.80 -0.01	49.05 -1.00 -0.01	51.34 -0.94 -0.01	51.60 -0.84 -0.01	55.28 -0.67 0.08	62.07 -0.95 0.00	80.27 -0.90 0.38	103.89 -0.95 0.93	111.73 -1.24 -0.14	88.26 -0.62 0.17	58.63 -1.45 3.15	51.61 -1.21 -0.02	42.98 -0.83 0.00
ROCKVIEW_13_KV_LD 356306	43.21 3.09 0.00	35.54 2.42 0.00	34.57 2.29 0.00	33.12 2.17 0.00	32.34 2.12 0.00	34.91 2.40 -0.01	41.92 3.32 0.00	44.29 3.69 0.00	43.37 4.01 0.00	44.42 4.40 0.00	45.99 4.85 -0.02	53.43 5.53 -0.62	57.25 5.91 -1.29	59.94 6.17 -1.50	66.51 6.08 -8.00	77.02 6.61 -14.37	103.56 7.50 -33.05	130.04 10.28 -38.21	129.85 13.43 -10.65	139.86 14.33 -12.70	99.82 10.77 0.00	70.19 6.96 0.00	58.25 5.44 0.00	47.80 3.99 0.00
ROME____115KV_TB2 80656	41.17 1.04 0.00	33.82 0.70 0.00	32.92 0.65 0.00	31.57 0.62 0.00	30.83 0.60 0.00	33.27 0.78 0.00	39.57 0.97 0.00	41.61 1.01 0.00	40.18 0.83 0.00	40.73 0.72 0.00	41.87 0.74 0.00	48.58 0.99 -0.31	51.56 1.00 -0.51	54.16 1.31 -0.58	54.10 1.31 -0.37	57.69 1.46 -0.19	65.22 2.21 0.00	86.06 4.08 -0.43	114.41 6.77 -1.87	122.11 7.56 -1.72	96.71 5.79 -1.87	66.12 3.54 0.66	55.29 2.48 0.00	45.61 1.80 0.00
ROSETON__1 23587	42.61 2.49 0.00	35.15 2.02 0.00	34.11 1.84 0.00	32.75 1.79 0.00	31.97 1.75 0.00	34.48 1.98 -0.01	41.23 2.63 0.00	43.56 2.96 0.00	42.42 3.07 0.00	43.30 3.28 0.00	44.83 3.70 0.00	51.52 4.21 -0.04	54.43 4.30 -0.08	56.80 4.44 -0.09	56.94 4.51 0.00	60.91 4.87 0.00	68.49 5.48 0.00	89.14 7.59 0.00	115.50 9.72 0.00	124.30 10.49 -0.98	96.97 7.92 0.00	68.36 5.12 0.00	56.93 4.12 0.00	46.79 2.98 0.00
ROSETON__2 23588	42.61 2.49 0.00	35.15 2.02 0.00	34.11 1.84 0.00	32.75 1.79 0.00	31.97 1.75 0.00	34.48 1.98 -0.01	41.23 2.63 0.00	43.56 2.96 0.00	42.42 3.07 0.00	43.30 3.28 0.00	44.83 3.70 0.00	51.52 4.21 -0.04	54.43 4.30 -0.08	56.80 4.44 -0.09	56.94 4.51 0.00	60.91 4.87 0.00	68.49 5.48 0.00	89.14 7.59 0.00	115.50 9.72 0.00	124.30 10.49 -0.98	96.97 7.92 0.00	68.36 5.12 0.00	56.93 4.12 0.00	46.79 2.98 0.00
ROTTDRAM_115KV_TB3 80664	41.61 1.48 0.00	34.35 1.23 0.00	33.47 1.19 0.00	32.10 1.15 0.00	31.34 1.12 0.00	33.73 1.23 0.00	40.03 1.43 0.00	42.05 1.46 0.00	40.69 1.34 0.00	41.29 1.28 0.00	42.44 1.32 0.00	48.83 1.56 0.00	51.70 1.65 0.00	54.05 1.78 0.00	54.26 1.83 0.00	58.17 2.13 0.00	65.41 2.39 0.00	85.06 3.51 0.00	110.53 4.76 0.00	122.36 5.42 -4.12	93.23 4.19 0.00	65.95 2.72 0.00	54.92 2.11 0.00	45.43 1.62 0.00
RUSSELL__1 23602	39.64 -0.48 0.00	32.26 -0.86 0.01	31.50 -0.77 0.00	30.21 -0.74 0.00	29.47 -0.76 0.00	31.53 -0.94 0.02	37.33 -1.27 0.00	39.87 -0.73 0.00	38.41 -0.94 0.00	39.38 -0.64 0.00	40.76 -0.37 0.00	46.76 -0.52 0.00	49.40 -0.65 0.00	51.65 -0.63 -0.01	51.91 -0.52 -0.01	55.67 -0.28 0.09	62.44 -0.57 0.00	80.76 -0.41 0.38	104.53 -0.32 0.92	112.40 -0.56 -0.14	88.77 -0.09 0.19	58.98 -1.08 3.18	51.93 -0.90 -0.02	43.15 -0.66 0.00
RUSSELL__2 23532	39.64 -0.48 0.00	32.26 -0.86 0.01	31.50 -0.77 0.00	30.21 -0.74 0.00	29.47 -0.76 0.00	31.53 -0.94 0.02	37.33 -1.27 0.00	39.87 -0.73 0.00	38.41 -0.94 0.00	39.38 -0.64 0.00	40.76 -0.37 0.00	46.76 -0.52 0.00	49.40 -0.65 0.00	51.65 -0.63 -0.01	51.91 -0.52 -0.01	55.67 -0.28 0.09	62.44 -0.57 0.00	80.76 -0.41 0.38	104.53 -0.32 0.92	112.40 -0.56 -0.14	88.77 -0.09 0.19	58.98 -1.08 3.18	51.93 -0.90 -0.02	43.15 -0.66 0.00
RUSSELL__3 23549	39.64 -0.48 0.00	32.26 -0.86 0.01	31.50 -0.77 0.00	30.21 -0.74 0.00	29.47 -0.76 0.00	31.53 -0.94 0.02	37.33 -1.27 0.00	39.87 -0.73 0.00	38.41 -0.94 0.00	39.38 -0.64 0.00	40.76 -0.37 0.00	46.76 -0.52 0.00	49.40 -0.65 0.00	51.65 -0.63 -0.01	51.91 -0.52 -0.01	55.67 -0.28 0.09	62.44 -0.57 0.00	80.76 -0.41 0.38	104.53 -0.32 0.92	112.40 -0.56 -0.14	88.77 -0.09 0.19	58.98 -1.08 3.18	51.93 -0.90 -0.02	43.15 -0.66 0.00
RUSSELL__4 23556	39.64 -0.48 0.00	32.26 -0.86 0.01	31.50 -0.77 0.00	30.21 -0.74 0.00	29.47 -0.76 0.00	31.53 -0.94 0.02	37.33 -1.27 0.00	39.87 -0.73 0.00	38.41 -0.94 0.00	39.38 -0.64 0.00	40.76 -0.37 0.00	46.76 -0.52 0.00	49.40 -0.65 0.00	51.65 -0.63 -0.01	51.91 -0.52 -0.01	55.67 -0.28 0.09	62.44 -0.57 0.00	80.76 -0.41 0.38	104.53 -0.32 0.92	112.40 -0.56 -0.14	88.77 -0.09 0.19	58.98 -1.08 3.18	51.93 -0.90 -0.02	43.15 -0.66 0.00
RUSSELL__STATION 23914	39.64 -0.48 0.00	32.26 -0.86 0.01	31.50 -0.77 0.00	30.21 -0.74 0.00	29.47 -0.76 0.00	31.53 -0.94 0.02	37.33 -1.27 0.00	39.87 -0.73 0.00	38.41 -0.94 0.00	39.38 -0.64 0.00	40.76 -0.37 0.00	46.76 -0.52 0.00	49.40 -0.65 0.00	51.65 -0.63 -0.01	51.91 -0.52 -0.01	55.67 -0.28 0.09	62.44 -0.57 0.00	80.76 -0.41 0.38	104.53 -0.32 0.92	112.40 -0.56 -0.14	88.77 -0.09 0.19	58.98 -1.08 3.18	51.93 -0.90 -0.02	43.15 -0.66 0.00

S SALMON___HYD 24043	39.80 -0.32 0.00	32.76 -0.36 0.00	31.89 -0.39 0.00	30.58 -0.37 0.00	29.86 -0.36 0.00	32.10 -0.39 0.01	38.06 -0.54 0.00	39.94 -0.65 0.00	38.60 -0.75 0.00	39.13 -0.88 0.00	40.18 -0.94 0.00	47.14 -1.09 -0.95	50.39 -1.20 -1.55	52.90 -1.15 -1.78	52.39 -1.15 -1.12	55.56 -1.07 -0.59	62.26 -0.75 0.00	82.79 -0.08 -1.32	112.74 1.27 -5.69	119.75 1.69 -5.23	95.98 1.25 -5.69	63.55 0.32 0.00	52.81 0.00 0.00	43.81 0.00 0.00
S.PERRY___115KV_TB1 80734	40.25 0.12 0.00	32.65 -0.46 0.01	31.89 -0.39 0.00	30.58 -0.37 0.00	29.83 -0.39 0.00	31.94 -0.52 0.03	59.68 -0.31 -21.39	66.90 0.20 -26.11	64.51 -0.35 -25.51	65.36 -0.40 -25.74	67.44 -0.25 -26.56	77.35 -0.71 -30.79	80.09 -2.80 -32.85	83.37 -3.24 -34.34	82.03 -4.25 -33.85	88.55 -4.37 -36.88	99.50 -4.92 -41.40	133.98 -5.63 -58.06	181.18 -5.92 -81.33	181.51 -6.21 -74.89	123.64 -4.19 -38.78	71.71 -3.48 -11.95	64.52 0.58 -11.13	43.81 0.00 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	37.64 -2.49 0.00	30.23 -2.88 0.01	29.63 -2.65 0.00	28.45 -2.51 0.00	27.68 -2.54 0.00	29.48 -2.99 0.03	28.03 -3.28 7.29	29.10 -2.60 8.89	27.92 -2.75 8.68	29.10 -2.16 8.76	30.11 -1.97 9.04	33.93 -2.93 10.41	35.42 -3.55 11.07	37.05 -3.66 11.56	37.74 -3.25 11.44	43.38 -3.47 9.18	46.64 -4.41 11.96	57.42 -5.55 18.59	71.00 -6.98 27.79	85.63 -7.79 19.41	74.74 -5.88 8.43	50.88 -5.12 7.24	45.71 -3.64 3.45	40.39 -3.42 0.00
SAWYER___23_KV_LOAD 55526	37.64 -2.49 0.00	30.23 -2.88 0.01	29.63 -2.65 0.00	28.45 -2.51 0.00	27.68 -2.54 0.00	29.48 -2.99 0.03	28.03 -3.28 7.29	29.10 -2.60 8.89	27.92 -2.75 8.68	29.10 -2.16 8.76	30.11 -1.97 9.04	33.93 -2.93 10.41	35.42 -3.55 11.07	37.05 -3.66 11.56	37.74 -3.25 11.44	43.38 -3.47 9.18	46.64 -4.41 11.96	57.42 -5.55 18.59	71.00 -6.98 27.79	85.63 -7.79 19.41	74.74 -5.88 8.43	50.88 -5.12 7.24	45.71 -3.64 3.45	40.39 -3.42 0.00
SELKIRK___I 23801	41.69 1.56 0.00	34.48 1.36 0.00	33.63 1.36 0.00	32.28 1.33 0.00	31.52 1.30 0.00	33.86 1.36 0.00	40.11 1.50 0.00	42.14 1.54 0.00	40.65 1.30 0.00	41.21 1.20 0.00	42.40 1.28 0.00	48.83 1.56 0.00	51.60 1.55 0.00	52.74 0.47 0.00	52.95 0.52 0.00	56.88 0.84 0.00	63.96 0.95 0.00	83.10 1.55 0.00	107.89 2.11 0.00	117.22 2.37 -2.02	91.10 2.05 0.00	64.57 1.33 0.00	53.81 1.00 0.00	45.57 1.75 0.00
SELKIRK___II 23799	41.33 1.20 0.00	34.18 1.06 0.00	33.37 1.10 0.00	32.04 1.08 0.00	31.28 1.06 0.00	33.63 1.14 0.00	39.87 1.27 0.00	41.97 1.38 0.00	40.61 1.26 0.00	41.26 1.24 0.00	42.44 1.32 0.00	48.83 1.56 0.00	51.60 1.55 0.00	53.37 1.10 0.00	53.53 1.10 0.00	57.38 1.34 0.00	64.46 1.45 0.00	83.51 1.95 0.00	108.00 2.22 0.00	117.41 2.48 -2.10	91.18 2.13 0.00	64.69 1.46 0.00	53.97 1.16 0.00	45.17 1.36 0.00
SENECA OSWGO___HYD 24041	39.48 -0.64 0.00	32.53 -0.60 0.00	31.73 -0.55 0.00	30.40 -0.56 0.00	29.68 -0.54 0.00	31.90 -0.58 0.01	37.98 -0.62 0.00	39.90 -0.69 0.00	38.64 -0.71 0.00	39.33 -0.68 0.00	40.39 -0.74 0.00	48.52 -0.85 -2.09	52.65 -0.80 -3.41	55.36 -0.84 -3.93	54.05 -0.84 -2.46	56.56 -0.78 -1.30	62.19 -0.82 0.00	83.73 -0.74 -2.91	117.70 -0.63 -12.56	123.47 -0.91 -11.54	100.99 -0.62 -12.56	64.86 -0.89 -2.51	52.02 -0.79 0.00	43.07 -0.75 0.00
SENECA___115KV_TB3 355854	37.88 -2.25 0.00	30.53 -2.58 0.01	30.08 -2.20 0.00	28.66 -2.29 0.00	27.90 -2.33 0.00	29.77 -2.70 0.03	28.25 -2.59 7.77	28.96 -2.15 9.48	28.41 -1.69 9.25	29.24 -1.44 9.33	30.10 -1.40 9.63	34.10 -2.08 11.10	36.24 -2.00 11.80	37.80 -2.15 12.33	37.93 -2.31 12.19	42.63 -2.46 10.94	47.05 -3.34 12.62	57.97 -4.08 19.50	71.54 -5.18 29.05	85.46 -5.87 21.50	73.46 -4.63 10.96	51.83 -3.98 7.43	46.75 -2.59 3.47	40.88 -2.93 0.00
SENECA___ENERGY 23797	40.04 -0.08 0.00	32.82 -0.30 0.00	32.05 -0.22 0.00	30.67 -0.28 0.00	29.98 -0.24 0.00	32.22 -0.26 0.02	40.04 -0.08 -1.51	42.40 -0.04 -1.85	41.30 -0.08 -2.03	42.02 -0.04 -2.05	43.24 0.00 -2.11	50.39 -0.09 -3.21	53.95 0.05 -3.85	56.54 0.10 -4.16	56.02 0.00 -3.59	59.86 0.40 -3.42	66.72 0.44 -3.27	87.69 1.06 -5.08	118.08 2.00 -10.30	124.41 1.80 -9.78	98.14 1.51 -7.58	63.71 0.32 -0.16	53.86 0.27 -0.79	43.72 -0.09 0.00
SHOEMAKER___GT 23640	42.49 2.37 0.00	35.01 1.89 0.00	34.02 1.74 0.00	32.66 1.70 0.00	31.88 1.66 0.00	34.35 1.85 -0.01	41.11 2.51 0.00	43.39 2.80 0.00	42.22 2.87 0.00	43.05 3.04 0.00	44.53 3.41 0.00	51.03 3.88 0.12	53.80 4.01 0.25	56.16 4.18 0.29	14.74 4.30 0.90	-14.73 4.71 75.48	-105.09 5.42 173.52	-111.34 7.66 200.56	59.80 9.94 55.91	63.06 10.83 60.60	97.15 8.10 0.00	68.42 5.19 0.00	56.88 4.07 0.00	46.70 2.89 0.00
SHOEMAKR_138KV_BK 111 55601	42.45 2.33 0.00	34.98 1.85 0.00	34.02 1.74 0.00	32.59 1.64 0.00	31.82 1.60 0.00	34.32 1.82 -0.01	41.11 2.51 0.00	43.35 2.76 0.00	42.30 2.95 0.00	43.21 3.20 0.00	44.58 3.45 0.00	51.08 3.92 0.12	53.96 4.15 0.24	56.28 4.29 0.28	-7.12 4.35 63.90	-54.06 4.76 114.87	-195.64 5.42 264.07	-216.00 7.67 305.22	30.63 9.94 85.08	30.84 10.72 92.71	97.06 8.01 0.00	68.36 5.12 0.00	56.77 3.96 0.00	46.75 2.94 0.00
SHOREHAM_IC_1 23715	46.60 5.86 -0.62	37.17 4.04 0.00	35.79 3.52 0.00	34.23 3.28 0.00	33.49 3.27 0.00	36.30 3.80 -0.01	43.74 5.13 0.00	46.20 5.60 0.00	43.49 4.13 -0.01	42.82 2.80 -0.01	46.34 4.24 -0.98	52.25 3.78 -1.20	56.03 3.50 -2.48	59.59 4.44 -2.88	65.28 4.88 -7.97	75.79 5.43 -14.32	119.37 6.93 -49.43	149.83 10.19 -58.09	235.00 13.33 -115.90	199.66 14.10 -72.72	125.00 10.77 -25.18	82.12 7.14 -11.74	57.46 4.65 -0.01	47.67 3.86 0.00
SHOREHAM_IC_2 23716	46.60 5.86 -0.62	37.17 4.04 0.00	35.79 3.52 0.00	34.23 3.28 0.00	33.49 3.27 0.00	36.30 3.80 -0.01	43.74 5.13 0.00	46.20 5.60 0.00	43.49 4.13 -0.01	42.82 2.80 -0.01	46.34 4.24 -0.98	52.25 3.78 -1.20	56.03 3.50 -2.48	59.59 4.44 -2.88	65.28 4.88 -7.97	75.79 5.43 -14.32	119.37 6.93 -49.43	149.83 10.19 -58.09	235.00 13.33 -115.90	199.66 14.10 -72.72	125.00 10.77 -25.18	82.12 7.14 -11.74	57.46 4.65 -0.01	47.67 3.86 0.00
SISSONVILLE____ 23735	38.32 -1.81 0.00	31.73 -1.39 0.00	30.85 -1.42 0.00	29.56 -1.39 0.00	28.89 -1.33 0.00	31.10 -1.40 0.00	36.56 -2.05 0.00	37.91 -2.68 0.00	36.64 -2.72 0.00	37.05 -2.96 0.00	37.96 -3.17 0.00	43.77 -3.50 0.00	46.44 -3.60 0.00	48.61 -3.66 0.00	48.65 -3.77 0.00	51.55 -4.48 0.00	58.48 -4.54 0.00	76.01 -5.55 0.00	99.85 -5.92 0.00	106.85 -5.98 0.00	84.42 -4.63 0.00	60.14 -3.10 0.00	50.17 -2.64 0.00	42.19 -1.62 0.00
SITHE_IND_GS1 24169	39.20 -0.92 0.00	32.33 -0.80 0.00	31.53 -0.74 0.00	30.21 -0.74 0.00	29.50 -0.73 0.00	31.71 -0.78 0.00	37.68 -0.93 0.00	39.54 -1.06 0.00	38.29 -1.06 0.00	38.97 -1.04 0.00	39.97 -1.15 0.00	40.09 -1.37 5.81	39.25 -1.35 9.45	39.97 -1.41 10.89	44.20 -1.41 6.82	50.95 -1.46 3.63	61.44 -1.57 0.00	71.59 -1.87 8.09	68.62 -2.23 34.92	78.26 -2.48 32.09	52.17 -1.96 34.92	39.55 -1.64 22.04	51.39 -1.42 0.00	42.67 -1.14 0.00

SITHE_IND_GS2 24170	39.20 -0.92 0.00	32.33 -0.80 0.00	31.53 -0.74 0.00	30.21 -0.74 0.00	29.50 -0.73 0.00	31.71 -0.78 0.00	37.68 -0.93 0.00	39.54 -1.06 0.00	38.29 -1.06 0.00	38.97 -1.04 0.00	39.97 -1.15 0.00	40.09 -1.37 5.81	39.25 -1.35 9.45	39.97 -1.41 10.89	44.20 -1.41 6.82	50.95 -1.46 3.63	61.44 -1.57 0.00	71.59 -1.87 8.09	68.62 -2.23 34.92	78.26 -2.48 32.09	52.17 -1.96 34.92	39.55 -1.64 22.04	51.39 -1.42 0.00	42.67 -1.14 0.00
SITHE_IND_GS3 24171	39.20 -0.92 0.00	32.33 -0.80 0.00	31.53 -0.74 0.00	30.21 -0.74 0.00	29.50 -0.73 0.00	31.71 -0.78 0.00	37.68 -0.93 0.00	39.54 -1.06 0.00	38.29 -1.06 0.00	38.97 -1.04 0.00	39.97 -1.15 0.00	40.09 -1.37 5.81	39.25 -1.35 9.45	39.97 -1.41 10.89	44.20 -1.41 6.82	50.95 -1.46 3.63	61.44 -1.57 0.00	71.59 -1.87 8.09	68.62 -2.23 34.92	78.26 -2.48 32.09	52.17 -1.96 34.92	39.55 -1.64 22.04	51.39 -1.42 0.00	42.67 -1.14 0.00
SITHE_IND_GS4 24172	39.20 -0.92 0.00	32.33 -0.80 0.00	31.53 -0.74 0.00	30.21 -0.74 0.00	29.50 -0.73 0.00	31.71 -0.78 0.00	37.68 -0.93 0.00	39.54 -1.06 0.00	38.29 -1.06 0.00	38.97 -1.04 0.00	39.97 -1.15 0.00	40.09 -1.37 5.81	39.25 -1.35 9.45	39.97 -1.41 10.89	44.20 -1.41 6.82	50.95 -1.46 3.63	61.44 -1.57 0.00	71.59 -1.87 8.09	68.62 -2.23 34.92	78.26 -2.48 32.09	52.17 -1.96 34.92	39.55 -1.64 22.04	51.39 -1.42 0.00	42.67 -1.14 0.00
SITHE___BATAVIA 24024	38.88 -1.24 0.00	31.43 -1.69 0.01	30.95 -1.32 0.00	29.47 -1.49 0.00	28.68 -1.54 0.00	30.69 -1.79 0.02	32.58 -2.01 4.02	34.19 -1.50 4.90	33.26 -1.30 4.79	34.02 -1.16 4.83	35.11 -1.03 4.99	39.87 -1.66 5.75	42.48 -1.45 6.12	44.36 -1.52 6.39	44.27 -1.84 6.32	47.09 -1.80 7.15	53.01 -2.27 7.74	67.26 -2.37 11.92	85.48 -2.54 17.75	99.17 -2.82 10.84	80.45 -2.22 6.37	55.17 -2.47 5.60	49.01 -1.64 2.17	42.28 -1.53 0.00
SITHE___INDEPEND 23800	39.20 -0.92 0.00	32.33 -0.79 0.00	31.50 -0.77 0.00	30.21 -0.74 0.00	29.50 -0.73 0.00	31.71 -0.78 0.00	37.68 -0.93 0.00	39.54 -1.06 0.00	38.29 -1.06 0.00	38.89 -1.12 0.00	39.97 -1.15 0.00	40.09 -1.37 5.81	39.20 -1.40 9.45	39.92 -1.46 10.89	44.19 -1.42 6.82	50.95 -1.46 3.63	61.44 -1.58 0.00	71.59 -1.88 8.09	68.63 -2.22 34.92	78.26 -2.48 32.09	52.26 -1.87 34.92	39.49 -1.71 22.04	51.38 -1.43 0.00	42.67 -1.14 0.00
SITHE___MASSENA 23902	39.48 -0.64 0.00	32.66 -0.46 0.00	31.79 -0.48 0.00	30.52 -0.43 0.00	29.80 -0.42 0.00	31.97 -0.52 0.00	37.83 -0.77 0.00	39.62 -0.97 0.00	38.41 -0.94 0.00	39.02 -1.00 0.00	40.02 -1.11 0.00	46.09 -1.18 0.00	48.85 -1.20 0.00	51.02 -1.25 0.00	51.17 -1.26 0.00	54.24 -1.80 0.00	61.25 -1.76 0.00	79.02 -2.53 0.00	102.70 -3.07 0.00	109.45 -3.38 0.00	86.56 -2.49 0.00	61.72 -1.52 0.00	51.70 -1.11 0.00	43.24 -0.57 0.00
SITHE___OGDNSBRG 24021	39.40 -0.72 0.00	32.63 -0.50 0.00	31.69 -0.58 0.00	30.43 -0.53 0.00	29.74 -0.48 0.00	31.97 -0.52 0.00	37.64 -0.97 0.00	39.17 -1.42 0.00	37.74 -1.61 0.00	38.13 -1.88 0.00	39.07 -2.06 0.00	45.05 -2.22 0.00	47.80 -2.25 0.00	49.97 -2.30 0.00	50.02 -2.41 0.00	53.01 -3.03 0.00	60.18 -2.84 0.00	78.29 -3.26 0.00	102.70 -3.07 0.00	110.12 -2.71 0.00	87.00 -2.05 0.00	62.03 -1.20 0.00	51.81 -1.00 0.00	43.33 -0.48 0.00
SITHE___STERLING 23777	41.05 0.92 0.00	33.75 0.63 0.00	32.89 0.61 0.00	31.54 0.59 0.00	30.79 0.57 0.00	33.21 0.71 0.00	39.49 0.89 0.00	41.57 0.97 0.00	40.18 0.83 0.00	40.77 0.76 0.00	41.90 0.78 0.00	48.55 0.95 -0.33	51.64 1.05 -0.54	54.14 1.25 -0.62	54.07 1.26 -0.39	57.65 1.40 -0.21	65.03 2.02 0.00	85.44 3.42 -0.46	113.16 5.39 -1.99	120.64 5.98 -1.83	95.58 4.54 -1.99	65.20 2.72 0.76	54.82 2.01 0.00	45.21 1.40 0.00
SLEIGHT__34_KV_TB1 80719	39.56 -0.56 0.00	32.36 -0.76 0.00	31.56 -0.71 0.00	30.27 -0.68 0.00	29.56 -0.66 0.00	31.70 -0.78 0.01	37.67 -0.93 0.00	39.86 -0.73 0.00	38.52 -0.83 0.00	39.29 -0.72 0.00	40.59 -0.53 0.00	46.87 -0.66 -0.26	49.82 -0.65 -0.42	52.13 -0.63 -0.48	52.21 -0.52 -0.30	55.90 -0.22 -0.09	62.70 -0.32 0.00	81.71 0.00 -0.15	107.21 0.42 -1.01	114.42 0.11 -1.48	90.73 0.36 -1.32	60.05 -0.70 2.49	52.07 -0.74 0.00	43.20 -0.61 0.00
SOUTH CAIRO___GT 23612	42.77 2.65 0.00	35.28 2.15 0.00	34.47 2.19 0.00	33.09 2.14 0.00	32.22 1.99 0.00	34.67 2.18 0.00	41.15 2.55 0.00	43.15 2.56 0.00	41.40 2.05 0.00	41.81 1.80 0.00	42.77 1.64 0.00	49.21 1.94 0.00	51.85 1.80 0.00	54.05 1.78 0.00	54.26 1.83 0.00	58.39 2.35 0.00	66.42 3.40 0.00	87.26 5.71 0.00	114.13 8.36 0.00	123.48 8.69 -1.96	96.17 7.12 0.00	67.98 4.74 0.00	56.19 3.38 0.00	46.88 3.07 0.00
SOUTH HAMPTN___IC 23720	46.80 6.06 -0.62	37.27 4.14 0.00	35.89 3.61 0.00	34.33 3.37 0.00	33.58 3.35 0.00	36.37 3.87 -0.01	43.81 5.21 0.00	46.23 5.64 0.00	43.53 4.17 -0.01	42.78 2.76 -0.01	46.34 4.24 -0.98	52.25 3.78 -1.20	56.08 3.55 -2.48	59.70 4.55 -2.88	65.43 5.03 -7.97	76.07 5.72 -14.32	119.75 7.31 -49.43	150.32 10.68 -58.09	235.42 13.74 -115.90	200.11 14.56 -72.72	125.36 11.13 -25.18	82.37 7.40 -11.74	57.51 4.70 -0.01	47.67 3.86 0.00
SOUTHDOW__115KV_TB1 355954	38.44 -1.69 0.00	30.93 -2.19 0.01	30.34 -1.94 0.00	29.10 -1.86 0.00	28.38 -1.84 0.00	30.52 -1.95 0.03	30.73 -1.16 6.72	32.07 -0.32 8.20	30.84 -0.51 8.00	31.83 -0.12 8.07	32.88 0.08 8.33	37.16 -0.52 9.60	38.84 -1.00 10.21	40.67 -0.94 10.66	41.31 -0.58 10.54	46.27 -0.39 9.38	51.04 -1.13 10.84	63.57 -1.22 16.76	79.65 -1.16 24.96	93.83 -0.34 18.66	78.54 -1.07 9.44	54.79 -1.83 6.61	48.72 -1.11 2.98	41.23 -2.58 0.00
SOUTHOLD_69_KV_BK 2 55809	46.72 5.98 -0.62	37.13 4.01 0.00	35.79 3.52 0.00	34.14 3.19 0.00	33.40 3.17 0.00	36.21 3.70 -0.01	44.12 5.52 0.00	45.95 5.36 0.00	43.33 3.97 -0.01	42.90 2.88 -0.01	46.22 4.11 -0.98	52.01 3.55 -1.20	56.38 3.85 -2.48	59.70 4.55 -2.88	65.43 5.03 -7.97	76.12 5.77 -14.31	119.75 7.31 -49.43	150.41 10.76 -58.09	235.32 13.64 -115.90	199.88 14.33 -72.72	125.09 10.86 -25.18	82.50 7.53 -11.74	57.30 4.49 0.00	47.58 3.77 0.00
SOUTHOLD___IC 23719	46.76 6.02 -0.62	37.20 4.07 0.00	35.79 3.52 0.00	34.20 3.25 0.00	33.46 3.24 0.00	36.27 3.77 -0.01	43.62 5.02 0.00	45.99 5.40 0.00	43.41 4.05 -0.01	42.66 2.64 -0.01	46.22 4.11 -0.98	52.11 3.64 -1.20	55.98 3.45 -2.48	59.65 4.50 -2.88	65.43 5.03 -7.97	76.13 5.77 -14.32	119.75 7.31 -49.43	150.41 10.76 -58.09	235.32 13.65 -115.90	199.89 14.33 -72.72	125.18 10.95 -25.18	82.25 7.27 -11.74	57.30 4.49 -0.01	47.41 3.59 0.00
SOUTH_FORK_WT_PWR 323839	46.36 5.62 -0.62	36.87 3.74 0.00	35.47 3.20 0.00	33.86 2.91 0.00	33.15 2.93 0.00	35.91 3.41 -0.01	43.16 4.55 0.00	45.46 4.87 0.00	42.94 3.58 -0.01	42.18 2.16 -0.01	45.72 3.62 -0.98	51.54 3.07 -1.20	55.38 2.85 -2.48	59.02 3.87 -2.88	64.75 4.35 -7.97	75.46 5.10 -14.32	119.00 6.55 -49.43	149.42 9.78 -58.09	233.73 12.05 -115.90	198.19 12.63 -72.72	123.85 9.62 -25.18	81.30 6.32 -11.74	56.51 3.70 -0.01	46.79 2.98 0.00

SPIERFLS_115KV_TB 1 80737	42.69 2.57 0.00	35.28 2.15 0.00	34.37 2.10 0.00	33.00 2.04 0.00	32.19 1.96 0.00	34.64 2.14 0.00	40.26 1.66 0.00	42.30 1.70 0.00	40.69 1.34 0.00	41.13 1.12 0.00	42.24 1.11 0.00	48.88 1.61 0.00	51.75 1.70 0.00	54.26 1.99 0.00	54.42 1.99 0.00	58.61 2.58 0.00	65.97 2.96 0.00	86.20 4.65 0.00	112.65 6.88 0.00	124.61 7.90 -3.89	94.93 5.88 0.00	67.09 3.86 0.00	55.45 2.64 0.00	45.96 2.15 0.00
ST LAWRENCE____ 23600	39.28 -0.84 0.00	32.49 -0.63 0.00	31.63 -0.65 0.00	30.36 -0.59 0.00	29.65 -0.58 0.00	31.84 -0.65 0.00	37.72 -0.89 0.00	39.62 -0.97 0.00	38.37 -0.98 0.00	39.02 -1.00 0.00	40.06 -1.07 0.00	46.09 -1.18 0.00	48.80 -1.25 0.00	50.97 -1.30 0.00	51.06 -1.36 0.00	54.30 -1.74 0.00	61.06 -1.95 0.00	78.70 -2.86 0.00	102.07 -3.71 0.00	108.77 -4.06 0.00	85.93 -3.12 0.00	61.40 -1.84 0.00	51.44 -1.37 0.00	42.94 -0.88 0.00
STATE_CA_115KV_115_LB 55624	41.41 1.28 0.00	34.28 1.16 0.00	33.57 1.29 0.00	32.22 1.27 0.00	31.43 1.21 0.00	33.83 1.33 0.00	39.99 1.39 0.00	42.05 1.46 0.00	40.73 1.38 0.00	41.33 1.32 0.00	42.44 1.32 0.00	48.97 1.70 0.00	51.75 1.70 0.00	54.10 1.83 0.00	54.26 1.83 0.00	58.22 2.19 0.00	65.41 2.39 0.00	84.81 3.26 0.00	109.90 4.13 0.00	120.21 4.51 -2.87	92.43 3.38 0.00	65.45 2.21 0.00	54.61 1.80 0.00	45.39 1.58 0.00
STATE_ST_34_KV_LOAD 55959	40.41 0.28 0.00	33.15 0.03 0.00	32.31 0.03 0.00	30.98 0.03 0.00	30.25 0.03 0.00	32.51 0.03 0.01	39.70 0.27 -0.82	42.21 0.61 -1.00	41.30 0.47 -1.48	41.99 0.48 -1.49	43.24 0.58 -1.54	50.46 0.57 -2.62	53.96 0.65 -3.26	56.55 0.73 -3.55	56.26 0.89 -2.94	59.59 0.84 -2.71	66.46 1.07 -2.38	86.81 1.79 -3.46	117.36 2.96 -8.62	123.92 2.93 -8.16	98.59 2.40 -7.14	64.16 0.95 0.03	53.92 0.69 -0.43	44.07 0.26 0.00
STATION 5_MISC_HYD 23604	39.48 -0.64 0.00	32.19 -0.93 0.01	31.53 -0.74 0.00	30.12 -0.83 0.00	29.38 -0.85 0.00	31.47 -1.01 0.02	37.18 -1.43 0.00	39.50 -1.09 -0.01	38.41 -0.94 -0.01	39.22 -0.80 -0.01	40.47 -0.66 0.00	46.43 -0.85 -0.01	49.50 -0.55 -0.01	51.75 -0.52 -0.01	51.59 -0.84 -0.01	55.23 -0.73 0.08	62.07 -0.94 0.00	80.35 -0.82 0.38	103.89 -0.95 0.93	111.73 -1.24 -0.14	87.90 -0.98 0.17	58.69 -1.39 3.15	51.67 -1.16 -0.02	43.11 -0.70 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	39.80 -0.32 0.00	32.52 -0.60 0.01	31.76 -0.52 0.00	30.46 -0.50 0.00	29.71 -0.51 0.00	31.86 -0.62 0.02	37.91 -0.69 0.00	40.27 -0.32 0.00	38.84 -0.51 0.00	39.65 -0.36 0.00	40.96 -0.16 0.00	47.31 -0.24 -0.27	50.19 -0.30 -0.44	52.52 -0.26 -0.51	52.59 -0.16 -0.32	56.32 0.11 -0.17	63.08 0.06 0.00	82.17 0.41 -0.21	108.05 1.06 -1.22	115.24 0.79 -1.62	91.55 0.89 -1.61	60.50 -0.32 2.41	52.44 -0.37 0.00	43.42 -0.39 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	39.28 -0.84 0.00	31.99 -1.13 0.01	31.24 -1.03 0.00	29.96 -0.99 0.00	29.22 -1.00 0.00	31.31 -1.17 0.02	37.02 -1.58 0.00	39.46 -1.14 0.00	38.06 -1.30 0.00	38.98 -1.04 0.00	40.31 -0.82 0.00	46.24 -1.04 0.00	48.85 -1.20 0.00	51.07 -1.20 -0.01	51.33 -1.10 -0.01	55.01 -0.95 0.08	61.81 -1.20 0.00	79.99 -1.22 0.34	103.69 -1.27 0.81	111.27 -1.69 -0.13	87.91 -0.98 0.16	58.37 -1.71 3.16	51.35 -1.48 -0.01	42.76 -1.05 0.00
STA_56____34_KV_BUS2 355983	39.28 -0.84 0.00	31.99 -1.13 0.01	31.24 -1.03 0.00	29.96 -0.99 0.00	29.22 -1.00 0.00	31.31 -1.17 0.02	37.02 -1.58 0.00	39.46 -1.14 0.00	38.06 -1.30 0.00	38.98 -1.04 0.00	40.31 -0.82 0.00	46.24 -1.04 0.00	48.85 -1.20 0.00	51.07 -1.20 -0.01	51.33 -1.10 -0.01	55.01 -0.95 0.08	61.81 -1.20 0.00	79.99 -1.22 0.34	103.69 -1.27 0.81	111.27 -1.69 -0.13	87.91 -0.98 0.16	58.37 -1.71 3.16	51.35 -1.48 -0.01	42.76 -1.05 0.00
STA_67____115KV_BK2 355882	39.40 -0.72 0.00	32.09 -1.03 0.01	31.34 -0.94 0.00	30.06 -0.90 0.00	29.32 -0.91 0.00	31.37 -1.10 0.02	37.10 -1.51 0.00	39.58 -1.01 -0.01	38.14 -1.22 -0.01	39.10 -0.92 -0.01	40.43 -0.70 0.00	46.33 -0.95 -0.01	48.90 -1.15 -0.01	51.18 -1.10 -0.01	51.44 -1.00 -0.01	55.12 -0.84 0.08	61.88 -1.13 0.00	80.03 -1.14 0.38	103.68 -1.16 0.93	111.50 -1.47 -0.14	88.09 -0.80 0.16	58.51 -1.58 3.15	51.51 -1.32 -0.02	42.89 -0.92 0.00
STA_7____115KV_9TRANS 80674	39.64 -0.48 0.00	32.26 -0.86 0.01	31.50 -0.77 0.00	30.21 -0.74 0.00	29.47 -0.76 0.00	31.53 -0.94 0.02	37.33 -1.27 0.00	39.87 -0.73 0.00	38.41 -0.94 0.00	39.38 -0.64 0.00	40.76 -0.37 0.00	46.76 -0.52 0.00	49.40 -0.65 0.00	51.65 -0.63 -0.01	51.91 -0.52 -0.01	55.67 -0.28 0.09	62.44 -0.57 0.00	80.76 -0.41 0.38	104.53 -0.32 0.92	112.40 -0.56 -0.14	88.77 -0.09 0.19	58.98 -1.08 3.18	51.93 -0.90 -0.02	43.15 -0.66 0.00
STA_82____115KV_TB1 80780	39.36 -0.76 0.00	32.03 -1.09 0.01	31.27 -1.00 0.00	29.99 -0.96 0.00	29.26 -0.97 0.00	31.31 -1.17 0.02	37.02 -1.58 0.00	39.50 -1.10 -0.01	38.06 -1.30 -0.01	39.02 -1.00 -0.01	40.35 -0.78 0.00	46.19 -1.09 -0.01	48.75 -1.30 -0.01	51.02 -1.25 -0.01	51.28 -1.15 -0.01	54.95 -1.01 0.08	61.75 -1.26 0.00	79.78 -1.39 0.38	103.36 -1.48 0.93	111.16 -1.81 -0.14	87.83 -1.07 0.15	58.32 -1.77 3.14	51.40 -1.43 -0.02	42.80 -1.01 0.00
STEEL____WIND 323596	37.84 -2.29 0.00	30.50 -2.62 0.01	30.05 -2.23 0.00	28.63 -2.32 0.00	27.83 -2.39 0.00	29.74 -2.73 0.03	28.21 -2.63 7.77	28.92 -2.19 9.48	28.33 -1.77 9.25	29.16 -1.52 9.33	30.01 -1.48 9.63	34.00 -2.17 11.10	36.14 -2.10 11.80	37.70 -2.25 12.33	37.77 -2.46 12.19	42.52 -2.58 10.94	46.93 -3.47 12.62	57.80 -4.24 19.50	71.44 -5.29 29.05	85.35 -5.98 21.50	73.28 -4.81 10.96	51.70 -4.11 7.43	46.64 -2.69 3.47	40.79 -3.02 0.00
STEPHTWN_115KV_BK_2 55603	41.65 1.52 0.00	34.45 1.32 0.00	33.73 1.45 0.00	32.38 1.42 0.00	31.58 1.36 0.00	34.02 1.53 0.00	40.26 1.66 0.00	42.34 1.75 0.00	40.92 1.57 0.00	41.53 1.52 0.00	42.61 1.48 0.00	49.16 1.89 0.00	51.90 1.85 0.00	54.26 1.99 0.00	54.42 1.99 0.00	58.45 2.41 0.00	65.72 2.71 0.00	85.30 3.75 0.00	110.74 4.97 0.00	120.58 5.30 -2.45	93.06 4.01 0.00	65.89 2.66 0.00	54.87 2.06 0.00	45.70 1.88 0.00
STEBEN_REC_LFGE 323667	38.72 -1.40 0.00	31.39 -1.72 0.02	30.63 -1.65 0.00	29.41 -1.55 0.00	28.65 -1.57 0.00	30.66 -1.79 0.05	53.96 -1.31 -16.67	60.21 -0.73 -20.35	58.42 -0.87 -19.94	59.29 -0.84 -20.12	61.18 -0.70 -20.76	70.46 -1.09 -24.27	74.36 -1.70 -26.01	77.46 -2.04 -27.23	77.24 -1.89 -26.70	83.43 -1.85 -29.24	93.49 -2.21 -32.68	125.49 -2.37 -46.30	169.82 -2.01 -66.06	170.13 -2.82 -60.12	118.87 -1.96 -31.79	70.20 -2.66 -9.62	59.82 -1.74 -8.75	41.53 -2.28 0.00
STILLWATER____SOLAR 323814	42.13 2.01 0.00	34.78 1.66 0.00	33.89 1.61 0.00	32.53 1.58 0.00	31.73 1.51 0.00	34.15 1.66 0.00	40.65 2.04 0.00	42.66 2.07 0.00	41.12 1.77 0.00	41.57 1.56 0.00	42.69 1.56 0.00	49.30 2.03 0.00	52.15 2.10 0.00	54.68 2.41 0.00	54.94 2.52 0.00	59.12 3.08 0.00	66.54 3.53 0.00	86.69 5.14 0.00	112.86 7.09 0.00	124.60 8.01 -3.76	95.19 6.14 0.00	67.29 4.05 0.00	55.87 3.06 0.00	46.18 2.36 0.00

STONY___BROOK 24151	45.68 4.93 -0.62	36.74 3.61 0.00	35.44 3.16 0.00	33.93 2.97 0.00	33.19 2.96 0.00	35.91 3.41 -0.01	43.23 4.63 0.00	45.79 5.20 0.00	43.84 4.48 -0.01	43.78 3.76 -0.01	47.37 5.27 -0.98	53.43 4.96 -1.20	57.13 4.60 -2.48	60.64 5.49 -2.88	66.22 5.82 -7.97	76.47 6.11 -14.32	119.75 7.31 -49.43	150.00 10.36 -58.09	235.11 13.43 -115.90	199.89 14.33 -72.72	125.00 10.77 -25.18	82.12 7.14 -11.74	58.10 5.28 -0.01	48.37 4.56 0.00
STURGEON_POOL_HYD 23609	43.01 2.89 0.00	35.38 2.25 0.00	34.40 2.13 0.00	32.97 2.01 0.00	32.16 1.93 0.00	34.68 2.18 -0.01	41.54 2.93 0.00	43.84 3.25 0.00	42.77 3.42 0.00	43.74 3.72 0.00	45.11 3.99 0.00	51.76 4.49 0.00	54.95 4.90 0.00	57.39 5.12 0.00	57.67 5.24 0.00	61.70 5.66 0.00	69.57 6.55 0.00	90.77 9.22 0.00	117.72 11.95 0.00	126.66 12.64 -1.20	98.67 9.62 0.00	69.50 6.26 0.00	57.56 4.75 0.00	47.23 3.42 0.00
ST_LAW_115_BK7_LBMP 345037	39.24 -0.88 0.00	32.46 -0.66 0.00	31.60 -0.68 0.00	30.34 -0.62 0.00	29.62 -0.60 0.00	31.81 -0.68 0.00	37.68 -0.93 0.00	39.54 -1.06 0.00	38.29 -1.06 0.00	38.94 -1.08 0.00	39.93 -1.19 0.00	46.00 -1.27 0.00	48.70 -1.35 0.00	50.86 -1.41 0.00	50.96 -1.47 0.00	54.13 -1.91 0.00	60.94 -2.08 0.00	78.54 -3.02 0.00	101.86 -3.91 0.00	108.54 -4.29 0.00	85.75 -3.29 0.00	61.27 -1.96 0.00	51.39 -1.42 0.00	42.89 -0.92 0.00
ST_LAW_115_BK8_LBMP 345038	39.24 -0.88 0.00	32.46 -0.66 0.00	31.60 -0.68 0.00	30.34 -0.62 0.00	29.62 -0.60 0.00	31.81 -0.68 0.00	37.68 -0.93 0.00	39.54 -1.06 0.00	38.29 -1.06 0.00	38.94 -1.08 0.00	39.93 -1.19 0.00	46.00 -1.27 0.00	48.70 -1.35 0.00	50.86 -1.41 0.00	50.96 -1.47 0.00	54.13 -1.91 0.00	60.94 -2.08 0.00	78.54 -3.02 0.00	101.86 -3.91 0.00	108.54 -4.29 0.00	85.75 -3.29 0.00	61.27 -1.96 0.00	51.39 -1.42 0.00	42.89 -0.92 0.00
ST_LAW_230_BK5_LBMP 345035	39.28 -0.84 0.00	32.49 -0.63 0.00	31.63 -0.65 0.00	30.36 -0.59 0.00	29.65 -0.58 0.00	31.84 -0.65 0.00	37.72 -0.89 0.00	39.62 -0.97 0.00	38.37 -0.98 0.00	39.02 -1.00 0.00	40.06 -1.07 0.00	46.09 -1.18 0.00	48.80 -1.25 0.00	50.97 -1.30 0.00	51.06 -1.36 0.00	54.30 -1.74 0.00	61.06 -1.95 0.00	78.70 -2.86 0.00	102.07 -3.71 0.00	108.77 -4.06 0.00	85.93 -3.12 0.00	61.40 -1.84 0.00	51.44 -1.37 0.00	42.94 -0.88 0.00
ST_LAW_230_BK6_LBMP 345036	39.28 -0.84 0.00	32.49 -0.63 0.00	31.63 -0.65 0.00	30.36 -0.59 0.00	29.65 -0.58 0.00	31.84 -0.65 0.00	37.72 -0.89 0.00	39.62 -0.97 0.00	38.37 -0.98 0.00	39.02 -1.00 0.00	40.06 -1.07 0.00	46.09 -1.18 0.00	48.80 -1.25 0.00	50.97 -1.30 0.00	51.06 -1.36 0.00	54.30 -1.74 0.00	61.06 -1.95 0.00	78.70 -2.86 0.00	102.07 -3.71 0.00	108.77 -4.06 0.00	85.93 -3.12 0.00	61.40 -1.84 0.00	51.44 -1.37 0.00	42.94 -0.88 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	42.65 2.53 0.00	35.11 1.99 0.00	34.15 1.87 0.00	32.72 1.76 0.00	31.94 1.72 0.00	34.45 1.95 -0.01	41.30 2.70 0.00	43.60 3.00 0.00	42.58 3.23 0.00	43.57 3.56 0.00	44.95 3.82 0.00	51.48 4.35 0.14	54.41 4.65 0.29	56.74 4.81 0.34	88.47 4.88 -31.17	117.40 5.32 -56.04	197.89 6.05 -128.82	238.79 8.32 -148.92	158.07 10.79 -41.51	171.07 11.62 -46.62	97.69 8.64 0.00	68.80 5.56 0.00	57.09 4.28 0.00	47.01 3.20 0.00
SWANROAD_115KV_TB1 355699	36.91 -3.21 0.00	29.61 -3.51 0.01	29.05 -3.23 0.00	27.89 -3.06 0.00	27.14 -3.08 0.00	28.83 -3.64 0.02	28.68 -4.05 5.87	30.06 -3.37 7.16	28.82 -3.54 6.99	30.08 -2.88 7.05	31.12 -2.71 7.29	35.05 -3.83 8.39	36.47 -4.65 8.92	38.19 -4.76 9.32	38.86 -4.35 9.22	40.42 -4.82 10.80	44.78 -6.05 12.18	55.24 -7.75 18.57	68.51 -9.84 27.43	83.81 -10.94 18.07	71.26 -8.37 9.42	49.52 -6.83 6.89	44.81 -4.75 3.24	39.56 -4.25 0.00
SYNERGY___BIOGAS 323694	38.88 -1.24 0.00	31.36 -1.76 0.01	30.69 -1.58 0.00	29.44 -1.52 0.00	28.68 -1.54 0.00	30.62 -1.85 0.02	32.58 -2.01 4.02	34.43 -1.26 4.90	32.95 -1.61 4.79	33.98 -1.20 4.83	35.23 -0.90 4.99	39.91 -1.61 5.75	41.78 -2.15 6.12	43.79 -2.09 6.39	44.27 -1.83 6.32	47.15 -1.74 7.15	53.07 -2.21 7.74	67.18 -2.45 11.92	85.48 -2.54 17.75	99.05 -2.93 10.84	80.80 -1.87 6.37	55.11 -2.53 5.60	48.90 -1.74 2.17	42.06 -1.75 0.00
SYRACUSE___ENERGY_ST1 323597	40.25 0.12 0.00	33.09 -0.03 0.00	32.24 -0.03 0.00	30.92 -0.03 0.00	30.19 -0.03 0.00	32.45 -0.03 0.01	38.68 0.08 0.00	40.67 0.08 0.00	39.39 0.04 0.00	40.05 0.04 0.00	41.25 0.12 0.00	48.51 0.09 -1.14	52.11 0.20 -1.86	54.62 0.21 -2.14	54.08 0.31 -1.34	57.25 0.50 -0.71	63.64 0.63 0.00	84.19 1.06 -1.57	114.36 1.80 -6.79	120.76 1.69 -6.24	97.27 1.42 -6.79	63.68 0.44 0.00	53.07 0.26 0.00	43.90 0.09 0.00
SYRACUSE___ENERGY_ST2 323598	40.25 0.12 0.00	33.09 -0.03 0.00	32.24 -0.03 0.00	30.92 -0.03 0.00	30.19 -0.03 0.00	32.45 -0.03 0.01	38.68 0.08 0.00	40.67 0.08 0.00	39.39 0.04 0.00	40.05 0.04 0.00	41.25 0.12 0.00	48.51 0.09 -1.14	52.11 0.20 -1.86	54.62 0.21 -2.14	54.08 0.31 -1.34	57.25 0.50 -0.71	63.64 0.63 0.00	84.19 1.06 -1.57	114.36 1.80 -6.79	120.76 1.69 -6.24	97.27 1.42 -6.79	63.68 0.44 0.00	53.07 0.26 0.00	43.90 0.09 0.00
SYRACUSE___POWER 24017	40.12 0.00 0.00	33.02 -0.10 0.00	32.18 -0.10 0.00	30.86 -0.09 0.00	30.13 -0.09 0.00	32.39 -0.10 0.01	38.60 0.00 0.00	40.67 0.08 0.00	39.39 0.04 0.00	40.05 0.04 0.00	41.21 0.08 0.00	48.11 0.09 -0.74	51.41 0.15 -1.21	53.82 0.16 -1.40	53.56 0.26 -0.87	56.89 0.39 -0.46	63.52 0.50 0.00	83.56 0.98 -1.03	111.91 1.69 -4.45	118.50 1.47 -4.20	94.74 1.25 -4.45	62.58 0.32 0.98	53.02 0.21 0.00	43.81 0.00 0.00
TALLMAN__138KV_BK151 55660	42.89 2.77 0.00	35.31 2.19 0.00	34.31 2.03 0.00	32.87 1.92 0.00	32.13 1.90 0.00	34.65 2.14 -0.01	41.57 2.97 0.00	43.92 3.33 0.00	42.97 3.62 0.00	43.97 3.96 0.00	45.44 4.32 0.19	51.95 4.87 0.39	54.86 5.20 0.46	57.20 5.38 0.46	76.82 5.45 -18.94	96.02 5.94 -34.05	147.96 6.68 -78.27	181.25 9.22 -90.48	142.84 11.85 -25.22	154.29 12.75 -28.71	98.49 9.44 0.00	69.31 6.07 0.00	57.51 4.70 0.00	47.32 3.50 0.00
TEALLAVE_115KV_TB7 355573	40.00 -0.12 0.00	32.89 -0.23 0.00	32.05 -0.23 0.00	30.74 -0.22 0.00	30.01 -0.21 0.00	32.26 -0.23 0.01	38.45 -0.15 0.00	40.47 -0.12 0.00	39.19 -0.16 0.00	39.89 -0.12 0.00	41.04 -0.08 0.00	47.79 -0.09 -0.61	50.99 -0.05 -1.00	53.37 -0.05 -1.15	53.20 0.05 -0.72	56.58 0.17 -0.38	63.26 0.25 0.00	82.89 0.49 -0.85	110.48 1.06 -3.65	117.09 0.90 -3.36	93.41 0.71 -3.65	61.90 0.00 1.34	52.70 -0.11 0.00	43.64 -0.18 0.00
TELGRAPH_34_KV_EAST 80808	38.04 -2.09 0.00	30.63 -2.48 0.01	30.02 -2.26 0.00	28.79 -2.17 0.00	28.05 -2.18 0.00	29.87 -2.60 0.02	30.91 -2.86 4.83	32.55 -2.15 5.90	31.19 -2.40 5.76	32.36 -1.84 5.81	33.52 -1.60 6.00	37.90 -2.46 6.91	39.59 -3.10 7.35	41.46 -3.14 7.68	42.05 -2.78 7.60	44.57 -2.91 8.55	50.05 -3.72 9.25	62.76 -4.57 14.22	79.01 -5.61 21.15	93.57 -6.32 12.94	76.81 -4.63 7.60	52.79 -4.36 6.08	47.21 -3.01 2.59	41.01 -2.80 0.00

TEMPLE___115KV_TB 2 55572	40.00 -0.12 0.00	32.92 -0.20 0.00	32.08 -0.19 0.00	30.77 -0.19 0.00	30.04 -0.18 0.00	32.29 -0.19 0.01	38.45 -0.15 0.00	40.51 -0.08 0.00	39.23 -0.12 0.00	39.93 -0.08 0.00	41.08 -0.04 0.00	47.84 -0.05 -0.61	51.04 0.00 -0.99	53.42 0.00 -1.15	53.25 0.10 -0.72	56.64 0.22 -0.38	63.33 0.32 0.00	83.05 0.65 -0.84	110.58 1.16 -3.64	117.08 0.90 -3.35	93.49 0.80 -3.64	61.94 0.06 1.36	52.76 -0.05 0.00	43.64 -0.18 0.00
TIANA___69_KV_BK 1 55817	46.84 6.10 -0.62	37.27 4.14 0.00	35.95 3.68 0.00	34.33 3.37 0.00	33.55 3.32 0.00	36.40 3.90 -0.01	44.39 5.79 0.00	46.28 5.68 0.00	43.57 4.21 -0.01	43.14 3.12 -0.01	46.42 4.32 -0.98	52.25 3.78 -1.20	56.58 4.05 -2.48	59.86 4.70 -2.88	65.54 5.14 -7.97	76.12 5.77 -14.31	119.81 7.37 -49.43	150.41 10.76 -58.09	235.74 14.07 -115.90	200.45 14.89 -72.72	125.54 11.31 -25.18	82.82 7.84 -11.74	57.67 4.86 0.00	47.97 4.16 0.00
TILDEN___115KV_TB1 80814	40.12 0.00 0.00	33.02 -0.10 0.00	32.18 -0.10 0.00	30.86 -0.09 0.00	30.13 -0.09 0.00	32.39 -0.10 0.01	38.60 0.00 0.00	40.67 0.08 0.00	39.39 0.04 0.00	40.05 0.04 0.00	41.21 0.08 0.00	48.11 0.09 -0.74	51.41 0.15 -1.21	53.82 0.16 -1.40	53.56 0.26 -0.87	56.89 0.39 -0.46	63.52 0.50 0.00	83.56 0.98 -1.03	111.91 1.69 -4.45	118.50 1.47 -4.20	94.74 1.25 -4.45	62.58 0.32 0.98	53.02 0.21 0.00	43.81 0.00 0.00
TRIGEN___CC 323695	44.30 3.57 -0.61	35.88 2.75 0.00	34.76 2.49 0.00	33.24 2.29 0.00	32.49 2.27 0.00	35.13 2.63 -0.01	42.35 3.74 0.00	44.73 4.14 0.00	43.33 3.97 -0.01	44.14 4.12 -0.01	47.25 5.14 -0.98	53.62 5.15 -1.20	57.88 5.36 -2.48	60.90 5.75 -2.88	66.48 6.08 -7.97	76.80 6.44 -14.31	120.26 7.81 -49.43	150.24 10.60 -58.09	235.42 13.75 -115.90	200.33 14.78 -72.72	125.27 11.04 -25.18	82.25 7.27 -11.74	57.99 5.18 0.00	48.06 4.25 0.00
TRINITY___115KV___ 4 BK 55933	41.29 1.16 0.00	34.18 1.06 0.00	33.47 1.19 0.00	32.10 1.15 0.00	31.34 1.12 0.00	33.73 1.23 0.00	39.88 1.27 0.00	41.93 1.34 0.00	40.61 1.26 0.00	41.25 1.24 0.00	42.32 1.19 0.00	48.78 1.51 0.00	51.55 1.50 0.00	53.89 1.62 0.00	54.00 1.57 0.00	57.89 1.85 0.00	65.09 2.08 0.00	84.32 2.77 0.00	109.26 3.49 0.00	119.18 3.84 -2.51	91.99 2.94 0.00	65.13 1.90 0.00	54.34 1.53 0.00	45.21 1.40 0.00
UNION___PROCESSING_DRP 323587	39.36 -0.76 0.00	32.03 -1.09 0.01	31.27 -1.00 0.00	30.03 -0.93 0.00	29.26 -0.97 0.00	31.31 -1.17 0.02	37.03 -1.58 -0.01	39.50 -1.10 -0.01	38.06 -1.30 -0.01	39.02 -1.00 -0.01	40.35 -0.78 -0.01	46.19 -1.09 -0.01	48.81 -1.25 -0.01	51.03 -1.25 -0.01	51.28 -1.15 -0.01	54.96 -1.01 0.07	61.75 -1.26 0.00	79.85 -1.30 0.39	103.44 -1.38 0.96	111.16 -1.81 -0.14	87.84 -1.07 0.14	58.40 -1.71 3.13	51.40 -1.43 -0.02	42.80 -1.01 0.00
UPPER HUDSON___HYD 24058	41.69 1.56 0.00	34.45 1.33 0.00	33.53 1.26 0.00	32.22 1.27 0.00	31.43 1.21 0.00	33.83 1.33 0.00	40.26 1.66 0.00	42.30 1.70 0.00	40.65 1.30 0.00	41.10 1.08 0.00	42.19 1.07 0.00	48.88 1.61 0.00	51.65 1.60 0.00	54.21 1.94 0.00	54.42 1.99 0.00	58.67 2.63 0.00	65.98 2.96 0.00	86.20 4.65 0.00	112.64 6.87 0.00	124.61 7.90 -3.89	94.92 5.88 0.00	67.16 3.92 0.00	55.50 2.69 0.00	45.91 2.10 0.00
UPPER RAQUET___HYD 24056	38.32 -1.80 0.00	31.70 -1.42 0.00	30.82 -1.45 0.00	29.59 -1.36 0.00	28.89 -1.33 0.00	31.10 -1.40 0.00	36.56 -2.05 0.00	37.91 -2.68 0.00	36.59 -2.76 0.00	37.05 -2.96 0.00	37.96 -3.17 0.00	43.77 -3.50 0.00	46.40 -3.65 0.00	48.46 -3.81 0.00	48.65 -3.78 0.00	51.55 -4.49 0.00	58.48 -4.54 0.00	75.93 -5.63 0.00	99.85 -5.92 0.00	106.85 -5.98 0.00	84.41 -4.63 0.00	60.08 -3.16 0.00	50.06 -2.75 0.00	42.15 -1.66 0.00
VALLEY44___115KV_TB2 355964	38.16 -1.97 0.00	30.80 -2.32 0.01	30.11 -2.16 0.00	28.91 -2.04 0.00	28.14 -2.09 0.00	30.22 -2.24 0.03	32.33 -0.42 5.85	33.78 0.32 7.14	32.51 0.12 6.95	33.64 0.64 7.02	34.75 0.86 7.24	39.35 0.43 8.35	41.27 0.10 8.88	43.16 0.16 9.27	43.83 0.58 9.17	48.97 0.95 8.02	53.92 0.13 9.22	67.26 0.00 14.29	85.11 0.63 21.30	95.30 -1.24 16.29	79.87 -0.98 8.20	56.29 -1.01 5.93	50.17 -0.16 2.48	41.23 -2.58 0.00
VALLEY___115KV_TB 1-4 80826	40.81 0.68 0.00	33.65 0.53 0.00	32.76 0.48 0.00	31.42 0.46 0.00	30.65 0.42 0.00	33.01 0.52 0.00	39.22 0.62 0.00	41.24 0.65 0.00	40.02 0.67 0.00	40.69 0.68 0.00	41.70 0.58 0.00	47.74 0.47 0.00	50.30 0.25 0.00	52.48 0.21 0.00	52.64 0.21 0.00	56.43 0.39 0.00	63.77 0.76 0.00	82.86 1.30 0.00	107.78 2.01 0.00	115.09 2.26 0.00	90.65 1.60 0.00	64.06 0.82 0.00	53.34 0.53 0.00	44.12 0.31 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	42.21 2.09 0.00	34.75 1.62 -0.01	33.82 1.55 0.00	32.44 1.49 0.00	31.67 1.45 0.00	34.17 1.66 -0.02	40.73 2.12 0.00	42.99 2.40 0.00	41.75 2.40 0.00	42.54 2.52 0.00	43.84 2.71 0.00	50.69 3.21 -0.20	53.68 3.30 -0.33	56.31 3.66 -0.38	56.29 3.62 -0.24	60.10 3.92 -0.14	67.49 4.47 0.00	88.42 6.44 -0.42	115.71 8.36 -1.58	123.87 9.03 -2.02	97.40 6.95 -1.40	67.23 4.49 0.49	56.30 3.49 0.00	46.31 2.50 0.00
VISCHER___FERRY HYD 24020	41.85 1.72 0.00	34.58 1.46 0.00	33.69 1.42 0.00	32.35 1.39 0.00	31.58 1.36 0.00	33.99 1.50 0.00	40.42 1.81 0.00	42.54 1.95 0.00	41.12 1.77 0.00	41.66 1.64 0.00	42.77 1.65 0.00	49.30 2.03 0.00	52.15 2.10 0.00	54.62 2.35 0.00	54.84 2.41 0.00	58.84 2.80 0.00	66.16 3.15 0.00	85.95 4.40 0.00	111.37 5.60 0.00	122.38 6.20 -3.35	94.03 4.98 0.00	66.52 3.29 0.00	55.40 2.59 0.00	45.79 1.97 0.00
V_A_10_SYNC_DSASP 323832	37.96 -2.17 0.00	30.60 -2.52 0.01	29.95 -2.32 0.00	28.79 -2.17 0.00	28.05 -2.18 0.00	29.84 -2.63 0.02	30.80 -3.47 4.33	32.39 -2.92 5.28	31.12 -3.07 5.16	32.25 -2.56 5.21	33.37 -2.39 5.37	37.82 -3.26 6.19	39.60 -3.85 6.59	41.42 -3.97 6.88	42.00 -3.62 6.81	44.17 -3.81 8.05	49.22 -4.60 9.19	61.51 -5.63 14.42	77.04 -7.09 21.65	87.75 -7.67 17.41	74.62 -5.70 8.73	51.91 -5.25 6.08	46.39 -4.01 2.40	40.88 -2.94 0.00
V_CMM_10_SYNC_DSASP 323787	39.40 -0.72 0.00	32.63 -0.50 0.00	31.76 -0.52 0.00	30.46 -0.50 0.00	29.74 -0.48 0.00	31.94 -0.55 0.00	37.79 -0.81 0.00	39.62 -0.97 0.00	38.45 -0.91 0.00	39.09 -0.92 0.00	40.10 -1.03 0.00	46.14 -1.13 0.00	48.95 -1.10 0.00	51.07 -1.20 0.00	51.07 -1.36 0.00	54.08 -1.96 0.00	60.93 -2.08 0.00	78.53 -3.02 0.00	101.86 -3.91 0.00	108.54 -4.29 0.00	85.84 -3.21 0.00	61.40 -1.83 0.00	51.70 -1.11 0.00	43.11 -0.70 0.00
V_CMP_10_SYNC_DSASP 323788	39.28 -0.84 0.00	32.56 -0.56 0.00	31.66 -0.61 0.00	30.37 -0.59 0.00	29.68 -0.54 0.00	31.91 -0.58 0.00	37.79 -0.81 0.00	39.66 -0.93 0.00	39.00 -0.35 0.00	39.61 -0.40 0.00	40.55 -0.58 0.00	46.66 -0.61 0.00	49.50 -0.55 0.00	51.75 -0.52 0.00	51.90 -0.52 0.00	54.24 -1.79 0.00	59.67 -3.34 0.00	76.50 -5.06 0.00	99.32 -6.45 0.00	105.95 -6.88 0.00	83.71 -5.34 0.00	60.39 -2.85 0.00	52.18 -0.63 0.00	43.51 -0.31 0.00

V_D_10_SYNC_DSASP 323841	39.48 -0.64 0.00	32.69 -0.43 0.00	31.82 -0.45 0.00	30.52 -0.43 0.00	29.80 -0.42 0.00	32.01 -0.49 0.00	37.83 -0.77 0.00	39.62 -0.97 0.00	38.41 -0.94 0.00	39.01 -1.00 0.00	40.01 -1.11 0.00	46.09 -1.18 0.00	48.90 -1.15 0.00	51.12 -1.15 0.00	51.22 -1.21 0.00	54.30 -1.74 0.00	61.25 -1.76 0.00	79.02 -2.53 0.00	102.70 -3.07 0.00	109.44 -3.38 0.00	86.55 -2.49 0.00	61.78 -1.45 0.00	51.81 -1.00 0.00	43.24 -0.57 0.00
V_E_10_SYNC_DSASP 323830	42.61 2.49 0.00	34.88 1.76 0.00	33.89 1.61 0.00	32.56 1.61 0.00	31.79 1.57 0.00	34.39 1.88 -0.01	42.13 2.47 -1.05	44.68 2.80 -1.29	43.22 2.48 -1.39	43.66 2.24 -1.40	44.75 2.18 -1.45	51.94 2.60 -2.07	55.13 2.65 -2.43	57.96 3.08 -2.61	57.83 3.09 -2.31	61.91 3.53 -2.34	70.20 4.85 -2.33	93.41 8.16 -3.70	124.65 11.85 -7.03	132.66 12.98 -6.86	103.38 9.71 -4.62	69.14 5.88 -0.03	57.63 4.28 -0.55	46.62 2.80 0.00
V_F_30_NSYNC___DSASP 323816	42.41 2.29 0.00	35.08 1.95 0.00	34.15 1.87 0.00	32.81 1.86 0.00	32.01 1.78 0.00	34.41 1.92 0.00	40.65 2.05 0.00	42.70 2.11 0.00	41.20 1.85 0.00	41.69 1.68 0.00	42.81 1.69 0.00	49.45 2.17 0.00	52.35 2.30 0.00	54.83 2.56 0.00	55.10 2.67 0.00	59.29 3.25 0.00	66.67 3.65 0.00	86.85 5.30 0.00	113.07 7.30 0.00	124.77 8.12 -3.82	95.28 6.23 0.00	67.35 4.11 0.00	55.87 3.06 0.00	46.22 2.41 0.00
V_F_30_SYNC_DSASP 323786	41.41 1.28 0.00	34.28 1.16 0.00	33.57 1.29 0.00	32.22 1.27 0.00	31.43 1.21 0.00	33.83 1.33 0.00	39.99 1.39 0.00	42.05 1.46 0.00	40.73 1.38 0.00	41.33 1.32 0.00	42.44 1.32 0.00	48.97 1.70 0.00	51.75 1.70 0.00	54.10 1.83 0.00	54.26 1.83 0.00	58.22 2.19 0.00	65.41 2.39 0.00	84.81 3.26 0.00	109.90 4.13 0.00	120.18 4.51 -2.84	92.43 3.38 0.00	65.45 2.21 0.00	54.55 1.74 0.00	45.39 1.58 0.00
V_XM_10_SYNC_DSASP 323789	39.28 -0.84 0.00	32.56 -0.56 0.00	31.66 -0.61 0.00	30.37 -0.59 0.00	29.68 -0.54 0.00	31.91 -0.58 0.00	37.79 -0.81 0.00	39.66 -0.93 0.00	39.00 -0.35 0.00	39.61 -0.40 0.00	40.55 -0.58 0.00	46.66 -0.61 0.00	49.50 -0.55 0.00	51.75 -0.52 0.00	51.90 -0.52 0.00	54.24 -1.79 0.00	59.67 -3.34 0.00	76.50 -5.06 0.00	99.32 -6.45 0.00	105.95 -6.88 0.00	83.71 -5.34 0.00	60.39 -2.85 0.00	52.18 -0.63 0.00	43.51 -0.31 0.00
W.BABYLN_69_KV_BK1 56697	45.47 4.73 -0.61	36.67 3.54 0.00	35.47 3.20 0.00	33.89 2.94 0.00	33.12 2.90 0.00	35.88 3.38 -0.01	43.35 4.75 0.00	45.75 5.16 0.00	44.08 4.72 -0.01	44.58 4.56 -0.01	47.90 5.80 -0.98	54.05 5.58 -1.20	58.28 5.76 -2.48	61.48 6.32 -2.88	67.11 6.71 -7.97	77.52 7.17 -14.31	121.14 8.70 -49.43	151.63 11.99 -58.09	237.33 15.65 -115.90	202.37 16.81 -72.72	126.88 12.64 -25.18	83.64 8.66 -11.74	58.88 6.07 0.00	48.98 5.17 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	43.01 2.89 0.00	35.41 2.29 0.00	34.40 2.13 0.00	32.97 2.01 0.00	32.19 1.96 0.00	34.71 2.21 -0.01	41.69 3.09 0.00	44.04 3.45 0.00	43.09 3.74 0.00	44.09 4.08 0.00	45.56 4.44 0.01	52.08 5.01 0.20	54.98 5.36 0.42	57.37 5.59 0.49	72.60 5.66 -14.51	88.28 6.16 -26.08	129.96 6.99 -59.96	160.41 9.54 -69.31	137.36 12.27 -19.32	148.25 13.20 -22.22	98.84 9.80 0.00	69.56 6.32 0.00	57.72 4.91 0.00	47.45 3.64 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	43.42 3.29 0.00	35.71 2.58 0.00	34.69 2.42 0.00	33.24 2.29 0.00	32.49 2.27 0.00	35.04 2.53 -0.01	42.15 3.55 0.00	44.61 4.02 0.00	43.73 4.37 -0.01	44.87 4.84 -0.01	46.35 5.18 -0.04	54.73 5.86 -1.60	59.62 6.26 -3.32	62.61 6.48 -3.86	66.99 6.55 -8.01	77.47 7.06 -14.38	105.74 7.75 -34.97	141.68 10.52 -49.61	141.04 13.43 -21.83	154.77 14.44 -27.50	99.95 10.51 -0.40	70.32 7.08 0.00	58.62 5.81 0.00	48.02 4.21 0.00
W50THST__13_KV_LOAD 356117	43.70 3.57 0.00	35.91 2.78 0.00	34.92 2.65 0.00	33.46 2.51 0.00	32.70 2.48 0.00	35.26 2.76 -0.01	42.46 3.86 0.00	44.98 4.38 0.00	44.12 4.76 -0.01	45.31 5.28 -0.01	46.80 5.63 -0.04	55.21 6.33 -1.60	60.12 6.76 -3.32	63.18 7.06 -3.86	67.62 7.18 -8.01	78.20 7.79 -14.38	106.43 8.44 -34.97	142.58 11.42 -49.61	142.10 14.49 -21.83	155.79 15.46 -27.50	100.76 11.31 -0.40	70.95 7.71 0.00	59.15 6.34 0.00	48.37 4.56 0.00
WADING RIVER_IC_1 23522	46.68 5.94 -0.61	37.20 4.07 0.00	35.82 3.55 0.00	34.27 3.31 0.00	33.52 3.29 0.00	36.30 3.80 -0.01	43.78 5.17 0.00	46.20 5.60 0.00	43.41 4.05 -0.01	42.66 2.64 -0.01	46.22 4.11 -0.98	52.11 3.64 -1.20	55.88 3.35 -2.48	59.44 4.29 -2.88	65.17 4.77 -7.97	75.68 5.33 -14.32	119.25 6.81 -49.43	149.67 10.03 -58.09	234.79 13.11 -115.90	199.43 13.87 -72.72	124.82 10.59 -25.18	82.00 7.02 -11.74	57.36 4.54 -0.01	47.53 3.72 0.00
WADING RIVER_IC_2 23547	46.68 5.94 -0.61	37.20 4.07 0.00	35.82 3.55 0.00	34.27 3.31 0.00	33.52 3.29 0.00	36.30 3.80 -0.01	43.78 5.17 0.00	46.20 5.60 0.00	43.41 4.05 -0.01	42.66 2.64 -0.01	46.22 4.11 -0.98	52.11 3.64 -1.20	55.88 3.35 -2.48	59.44 4.29 -2.88	65.17 4.77 -7.97	75.68 5.33 -14.32	119.25 6.81 -49.43	149.67 10.03 -58.09	234.79 13.11 -115.90	199.43 13.87 -72.72	124.82 10.59 -25.18	82.00 7.02 -11.74	57.36 4.54 -0.01	47.53 3.72 0.00
WADING RIVER_IC_3 23601	46.68 5.94 -0.61	37.20 4.07 0.00	35.82 3.55 0.00	34.27 3.31 0.00	33.52 3.29 0.00	36.30 3.80 -0.01	43.78 5.17 0.00	46.20 5.60 0.00	43.41 4.05 -0.01	42.66 2.64 -0.01	46.22 4.11 -0.98	52.11 3.64 -1.20	55.88 3.35 -2.48	59.44 4.29 -2.88	65.17 4.77 -7.97	75.68 5.33 -14.32	119.25 6.81 -49.43	149.67 10.03 -58.09	234.79 13.11 -115.90	199.43 13.87 -72.72	124.82 10.59 -25.18	82.00 7.02 -11.74	57.36 4.54 -0.01	47.53 3.72 0.00
WALDENNY_12_KV_BK2 80841	37.88 -2.25 0.00	30.40 -2.72 0.01	29.79 -2.49 0.00	28.60 -2.35 0.00	27.83 -2.39 0.00	29.67 -2.79 0.03	28.34 -2.70 7.56	29.38 -1.99 9.23	28.22 -2.12 9.01	29.41 -1.52 9.09	30.39 -1.36 9.38	34.29 -2.17 10.81	35.80 -2.75 11.49	37.44 -2.82 12.00	38.14 -2.41 11.87	42.54 -2.47 11.03	46.87 -3.40 12.74	57.60 -4.32 19.63	71.19 -5.39 29.19	85.45 -6.09 21.29	73.66 -4.63 10.75	51.60 -4.24 7.40	46.46 -2.85 3.50	40.66 -3.15 0.00
WALDEN___HYDRO 24148	43.74 3.61 0.00	35.94 2.82 0.00	34.95 2.68 0.00	33.49 2.54 0.00	32.64 2.42 0.00	35.20 2.70 -0.01	42.23 3.63 0.00	44.57 3.98 0.00	43.40 4.05 0.00	44.34 4.32 0.00	45.69 4.56 0.00	52.56 5.25 -0.04	55.84 5.71 -0.08	58.38 6.01 -0.10	58.67 6.24 0.00	62.87 6.84 0.00	71.20 8.19 0.00	93.13 11.58 0.00	121.11 15.34 0.00	130.56 16.70 -1.03	101.51 12.47 0.00	71.33 8.09 0.00	58.78 5.97 0.00	48.24 4.43 0.00
WARRENSBURG____ 23737	42.69 2.57 0.00	35.28 2.15 0.00	34.37 2.10 0.00	33.00 2.04 0.00	32.19 1.96 0.00	34.64 2.14 0.00	40.26 1.66 0.00	42.30 1.70 0.00	40.69 1.34 0.00	41.13 1.12 0.00	42.24 1.11 0.00	48.88 1.61 0.00	51.75 1.70 0.00	54.26 1.99 0.00	54.42 1.99 0.00	58.61 2.58 0.00	65.97 2.96 0.00	86.20 4.65 0.00	112.65 6.88 0.00	124.61 7.90 -3.89	94.93 5.88 0.00	67.09 3.86 0.00	55.45 2.64 0.00	45.96 2.15 0.00

WATERSIDE___6 8 9 23538	43.29 3.17 0.00	35.64 2.52 0.00	34.66 2.39 0.00	33.24 2.29 0.00	32.46 2.24 0.00	34.97 2.47 -0.01	42.00 3.40 0.00	44.41 3.82 0.00	43.57 4.21 -0.01	44.67 4.64 -0.01	46.10 4.93 -0.04	54.59 5.81 -1.51	59.20 6.16 -2.99	62.07 6.32 -3.48	66.51 6.08 -8.00	76.72 6.33 -14.35	102.87 7.12 -32.74	127.96 9.79 -36.62	127.22 12.38 -9.08	135.77 13.43 -9.52	98.70 9.71 0.05	69.68 6.45 0.00	58.35 5.55 0.00	47.93 4.12 0.00
WATKINRD_115KV_LN8_ILLION 55919	41.05 0.92 0.00	33.85 0.73 0.00	32.95 0.68 0.00	31.57 0.62 0.00	30.80 0.57 0.00	33.21 0.71 0.00	39.37 0.77 0.00	41.45 0.85 0.00	40.18 0.83 0.00	40.85 0.84 0.00	41.82 0.70 0.00	47.79 0.52 0.00	50.25 0.20 0.00	52.37 0.10 0.00	52.59 0.16 0.00	56.37 0.34 0.00	63.77 0.76 0.00	82.94 1.39 0.00	107.99 2.22 0.00	115.54 2.71 0.00	90.92 1.87 0.00	64.12 0.89 0.00	53.50 0.69 0.00	44.25 0.44 0.00
WDELAWARE___HYD 323627	43.21 3.09 0.00	35.54 2.42 0.00	34.47 2.20 0.00	33.09 2.13 0.00	32.25 2.03 0.00	34.81 2.31 -0.01	41.69 3.09 0.00	44.04 3.45 0.00	42.77 3.42 0.00	43.62 3.60 0.00	45.03 3.91 0.00	51.76 4.49 0.00	54.80 4.76 0.00	57.45 5.18 0.00	57.88 5.45 0.00	62.04 6.00 0.00	70.19 7.18 0.00	91.99 10.44 0.00	119.73 13.96 0.00	128.95 15.12 -1.00	100.36 11.31 0.00	70.50 7.27 0.00	58.20 5.39 0.00	47.53 3.72 0.00
WEST BABYLON___IC 23714	45.47 4.73 -0.61	36.67 3.54 0.00	35.47 3.20 0.00	33.89 2.94 0.00	33.12 2.90 0.00	35.88 3.38 -0.01	43.35 4.75 0.00	45.75 5.16 0.00	44.08 4.72 -0.01	44.58 4.56 -0.01	47.90 5.80 -0.98	54.05 5.58 -1.20	58.28 5.76 -2.48	61.48 6.32 -2.88	67.11 6.71 -7.97	77.52 7.17 -14.31	121.14 8.70 -49.43	151.63 11.99 -58.09	237.33 15.65 -115.90	202.37 16.81 -72.72	126.88 12.64 -25.18	83.64 8.66 -11.74	58.88 6.07 0.00	48.98 5.17 0.00
WEST CANADA___HYD 24049	40.37 0.24 0.00	33.32 0.20 0.00	32.47 0.19 0.00	31.14 0.19 0.00	30.40 0.18 0.00	32.72 0.23 0.00	38.87 0.27 0.00	40.92 0.32 0.00	39.63 0.28 0.00	40.30 0.28 0.00	41.41 0.29 0.00	47.60 0.33 0.00	50.40 0.35 0.00	52.64 0.37 0.00	52.80 0.37 0.00	56.43 0.40 0.00	63.51 0.50 0.00	82.37 0.82 0.00	106.83 1.06 0.00	114.07 1.24 0.00	89.94 0.89 0.00	63.74 0.50 0.00	53.23 0.42 0.00	44.12 0.31 0.00
WESTERN_NY_WIND 24143	38.80 -1.32 0.00	31.26 -1.85 0.01	30.60 -1.68 0.00	29.38 -1.58 0.00	28.59 -1.63 0.00	30.52 -1.95 0.02	32.14 -2.12 4.34	33.96 -1.34 5.29	32.49 -1.69 5.17	33.52 -1.28 5.22	34.75 -0.99 5.39	39.32 -1.75 6.20	41.20 -2.25 6.60	43.13 -2.25 6.89	43.67 -1.94 6.82	46.43 -1.91 7.70	52.29 -2.39 8.33	66.04 -2.69 12.82	83.84 -2.86 19.08	97.90 -3.27 11.66	80.06 -2.14 6.86	54.73 -2.72 5.79	48.57 -1.90 2.33	41.97 -1.84 0.00
WESTOVER___LESR 323668	40.61 0.48 0.00	33.31 0.17 -0.02	32.44 0.16 0.00	31.11 0.15 0.00	30.37 0.15 0.00	32.72 0.16 -0.06	39.22 0.62 0.00	41.49 0.89 0.00	40.18 0.83 0.00	41.02 1.00 0.00	42.24 1.11 0.00	48.83 1.13 -0.43	51.94 1.20 -0.69	54.32 1.25 -0.80	54.35 1.42 -0.50	58.12 1.68 -0.40	64.98 1.83 -0.14	85.33 2.69 -1.08	113.25 3.91 -3.56	120.11 3.84 -3.44	95.08 3.12 -2.92	64.01 1.58 0.81	54.13 1.32 0.00	44.34 0.53 0.00
WETHRSFD_WT_PWR 323626	37.88 -2.25 0.00	30.66 -2.45 0.01	30.11 -2.16 0.00	28.76 -2.20 0.00	28.02 -2.20 0.00	29.89 -2.57 0.03	15.45 -2.55 20.61	13.17 -2.27 25.15	12.75 -2.05 24.55	13.24 -2.00 24.78	13.55 -2.01 25.56	15.28 -2.69 29.30	16.27 -2.70 31.08	16.92 -2.93 32.43	16.94 -3.30 32.19	18.81 -3.42 33.80	21.28 -4.09 37.64	20.69 -4.81 56.05	19.01 -5.71 81.04	44.59 -6.32 61.92	51.30 -4.90 32.85	43.20 -4.30 15.74	39.36 -2.96 10.49	40.79 -3.02 0.00
WHAVSTOR_138KV_BK127 55557	42.85 2.73 0.00	35.28 2.15 0.00	34.31 2.03 0.00	32.87 1.92 0.00	32.10 1.87 0.00	34.61 2.11 -0.01	41.54 2.93 0.00	43.88 3.29 0.00	42.89 3.54 0.00	43.93 3.92 0.00	45.36 4.24 0.01	51.84 4.77 0.21	54.68 5.05 0.43	57.00 5.23 0.50	71.46 5.30 -13.74	86.45 5.72 -24.70	126.28 6.49 -56.78	156.08 8.89 -65.64	135.49 11.42 -18.29	146.22 12.30 -21.10	98.22 9.17 0.00	69.12 5.88 0.00	57.40 4.59 0.00	47.27 3.46 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	42.85 2.73 0.00	35.28 2.15 0.00	34.31 2.03 0.00	32.87 1.92 0.00	32.10 1.87 0.00	34.61 2.11 -0.01	41.54 2.93 0.00	43.88 3.29 0.00	42.89 3.54 0.00	43.93 3.92 0.00	45.36 4.24 0.01	51.84 4.77 0.21	54.68 5.05 0.43	57.00 5.23 0.50	71.46 5.30 -13.74	86.45 5.72 -24.70	126.28 6.49 -56.78	156.08 8.89 -65.64	135.49 11.42 -18.29	146.22 12.30 -21.10	98.22 9.17 0.00	69.12 5.88 0.00	57.40 4.59 0.00	47.27 3.46 0.00
WHITEHAL_115KV_TB1 80871	43.70 3.57 0.00	36.07 2.95 0.00	35.11 2.84 0.00	33.77 2.82 0.00	32.94 2.72 0.00	35.45 2.96 0.00	41.54 2.93 0.00	43.43 2.84 0.00	41.36 2.01 0.00	41.65 1.64 0.00	42.65 1.52 0.00	49.54 2.27 0.00	52.40 2.35 0.00	55.09 2.82 0.00	55.42 2.99 0.00	60.02 3.98 0.00	67.80 4.79 0.00	88.32 6.77 0.00	116.14 10.37 0.00	128.62 11.96 -3.83	97.95 8.90 0.00	69.05 5.82 0.00	56.88 4.07 0.00	47.01 3.20 0.00
WHITEPLN_13_KV_LOAD 356215	43.42 3.29 0.00	35.71 2.58 0.00	34.69 2.42 0.00	33.24 2.29 0.00	32.49 2.27 0.00	35.07 2.57 -0.01	42.11 3.51 0.00	44.49 3.90 0.00	43.52 4.17 0.00	44.57 4.56 0.00	46.09 4.98 0.01	52.67 5.72 0.32	55.49 6.11 0.66	57.98 6.48 0.77	67.23 6.50 -8.30	78.14 7.17 -14.93	105.40 8.07 -34.32	132.32 11.09 -39.68	131.43 14.60 -11.06	141.55 15.57 -13.15	100.89 11.84 0.00	70.82 7.59 0.00	58.62 5.81 0.00	48.06 4.25 0.00
WM_FLOYD_69_KV_BK2 356380	46.68 5.94 -0.62	37.20 4.07 0.00	35.92 3.65 0.00	34.30 3.34 0.00	33.55 3.32 0.00	36.37 3.87 -0.01	44.32 5.71 0.00	46.32 5.72 0.00	43.68 4.33 -0.01	43.38 3.36 -0.01	46.67 4.56 -0.98	52.49 4.02 -1.20	56.83 4.30 -2.48	60.12 4.97 -2.88	65.75 5.35 -7.97	76.29 5.94 -14.31	119.94 7.50 -49.43	150.57 10.93 -58.09	236.06 14.39 -115.90	200.79 15.23 -72.72	125.81 11.58 -25.18	83.01 8.03 -11.74	57.99 5.18 0.00	48.24 4.43 0.00
WOODARD__115KV_TB2 355635	39.92 -0.20 0.00	32.86 -0.26 0.00	32.02 -0.26 0.00	30.74 -0.22 0.00	29.98 -0.24 0.00	32.23 -0.26 0.01	38.37 -0.23 0.00	40.39 -0.20 0.00	39.11 -0.24 0.00	39.77 -0.24 0.00	40.96 -0.16 0.00	47.86 -0.24 -0.82	51.18 -0.20 -1.34	53.60 -0.21 -1.54	53.29 -0.10 -0.96	56.55 0.00 -0.51	63.08 0.06 0.00	83.01 0.33 -1.13	111.40 0.74 -4.89	117.89 0.56 -4.50	94.47 0.53 -4.89	62.24 -0.13 0.87	52.60 -0.21 0.00	43.55 -0.26 0.00
YORK___WARBASSE 23770	43.58 3.45 -0.01	35.85 2.72 -0.01	34.86 2.58 -0.01	33.44 2.48 -0.01	32.68 2.45 -0.01	35.21 2.70 -0.01	42.28 3.67 -0.01	44.66 4.06 -0.01	43.81 4.45 -0.02	44.92 4.88 -0.02	46.39 5.22 -0.05	54.89 6.10 -1.52	59.69 6.51 -3.14	62.61 6.69 -3.65	66.77 6.34 -8.00	77.11 6.72 -14.35	105.82 7.56 -35.24	143.32 10.36 -51.41	142.53 13.12 -23.64	157.06 14.33 -29.90	99.85 10.33 -0.47	70.14 6.89 -0.01	58.79 5.97 -0.01	48.24 4.43 -0.01