

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

09/07/2023

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	43.25	41.28	35.74	33.54	35.27	41.19	51.13	44.28	44.28	41.98	47.98	61.56	141.21	106.12	121.47	169.11	196.12	450.97	113.41	167.35	230.96	56.66	42.99	38.32
24138	2.73	2.48	2.26	2.05	1.91	2.14	2.67	2.82	3.32	3.60	4.17	5.28	5.95	9.52	9.00	11.43	9.45	35.43	3.83	3.16	3.06	2.61	1.96	2.60
	0.00	0.00	-0.03	-0.05	-3.28	0.00	-0.38	0.00	0.00	0.00	0.00	0.00	-74.51	0.00	-27.53	-48.74	-98.94	-81.75	-71.31	-131.83	-196.19	-25.34	-18.76	-3.83
74TH STREET_GT_1	43.44	41.43	35.88	33.69	35.37	41.28	51.24	44.41	44.41	42.09	48.12	61.77	141.39	106.53	121.84	169.53	196.46	452.26	113.57	167.47	231.05	56.80	43.11	38.46
24260	2.93	2.63	2.41	2.19	2.01	2.23	2.77	2.94	3.45	3.71	4.29	5.48	6.17	9.93	9.38	11.88	9.85	36.72	3.99	3.31	3.22	2.77	2.08	2.75
	0.00	0.00	-0.03	-0.05	-3.28	0.00	-0.38	0.00	0.00	0.00	0.00	0.00	-74.46	0.00	-27.52	-48.71	-98.89	-81.76	-71.31	-131.79	-196.13	-25.32	-18.75	-3.83
74TH STREET_GT_2	43.44	41.43	35.88	33.69	35.37	41.28	51.24	44.41	44.41	42.09	48.12	61.77	141.39	106.53	121.84	169.53	196.46	452.26	113.57	167.47	231.05	56.80	43.11	38.46
24261	2.93	2.63	2.41	2.19	2.01	2.23	2.77	2.94	3.45	3.71	4.29	5.48	6.17	9.93	9.38	11.88	9.85	36.72	3.99	3.31	3.22	2.77	2.08	2.75
	0.00	0.00	-0.03	-0.05	-3.28	0.00	-0.38	0.00	0.00	0.00	0.00	0.00	-74.46	0.00	-27.52	-48.71	-98.89	-81.76	-71.31	-131.79	-196.13	-25.32	-18.75	-3.83
ADK HUDSON___FALLS	43.76	41.59	35.62	33.49	32.82	41.62	50.99	44.70	44.18	41.28	47.17	60.77	82.18	104.65	98.43	128.86	117.47	625.41	243.33	116.11	250.32	36.55	27.95	35.05
24011	3.25	2.79	2.21	2.09	2.01	2.57	3.36	3.23	3.22	2.90	3.35	4.49	4.90	8.05	7.39	9.11	7.85	30.95	3.53	2.90	2.86	2.46	1.69	2.36
	0.00	0.00	0.03	0.06	-0.73	0.00	0.46	0.00	0.00	0.00	0.00	0.00	-16.53	0.00	-6.11	-10.81	-21.89	-260.68	-201.52	-80.84	-215.75	-5.38	-3.98	-0.81
ADK RESOURCE___RCVRY	44.25	41.98	35.87	33.74	33.09	42.01	51.42	45.17	44.62	41.67	47.63	61.42	82.93	105.92	99.56	130.57	118.88	631.67	244.53	116.71	251.26	36.88	28.17	35.42
23798	3.73	3.18	2.45	2.35	2.28	2.96	3.79	3.70	3.66	3.29	3.81	5.13	5.68	9.32	8.52	10.85	9.30	36.46	4.17	3.40	3.33	2.80	1.91	2.72
	0.00	0.00	0.03	0.06	-0.72	0.00	0.45	0.00	0.00	0.00	0.00	0.00	-16.50	0.00	-6.10	-10.79	-21.86	-261.43	-202.08	-80.94	-216.23	-5.37	-3.97	-0.81
ADK S GLENS___FALLS	43.76	41.59	35.62	33.49	32.82	41.62	50.99	44.70	44.18	41.28	47.17	60.77	82.18	104.65	98.43	128.86	117.47	625.41	243.33	116.11	250.32	36.55	27.95	35.05
24028	3.25	2.79	2.21	2.09	2.01	2.57	3.36	3.23	3.22	2.90	3.35	4.49	4.90	8.05	7.39	9.11	7.85	30.95	3.53	2.90	2.86	2.46	1.69	2.36
	0.00	0.00	0.03	0.06	-0.73	0.00	0.46	0.00	0.00	0.00	0.00	0.00	-16.53	0.00	-6.11	-10.81	-21.89	-260.68	-201.52	-80.84	-215.75	-5.38	-3.98	-0.81
ADK_NYS___DAM	42.89	41.02	35.29	33.17	32.65	41.12	49.87	43.63	43.17	40.34	45.94	58.97	82.75	101.30	96.49	126.55	117.36	562.47	203.60	109.54	218.38	36.75	28.12	34.57
23527	2.38	2.22	1.91	1.83	1.73	2.07	2.71	2.16	2.21	1.96	2.12	2.69	3.07	4.71	4.56	5.23	4.57	18.89	2.33	2.04	2.06	1.82	1.23	1.74
	0.00	0.00	0.07	0.11	-0.83	0.00	0.93	0.00	0.00	0.00	0.00	0.00	-18.93	0.00	-6.99	-12.38	-25.06	-209.80	-163.00	-75.14	-184.61	-6.23	-4.61	-0.94
AIR_PRODUCTS___DRP	41.31	39.43	33.97	31.91	31.29	39.47	48.34	42.17	41.75	39.04	44.46	57.05	78.87	98.16	93.10	122.28	112.50	518.43	176.10	97.32	188.91	34.80	26.73	33.17
24190	0.80	0.63	0.55	0.51	0.46	0.42	0.65	0.70	0.79	0.66	0.64	0.76	1.02	1.56	1.85	2.17	2.15	8.68	0.99	0.88	0.81	0.58	0.36	0.45
	0.00	0.00	0.03	0.05	-0.75	0.00	0.39	0.00	0.00	0.00	0.00	0.00	-17.10	0.00	-6.32	-11.18	-22.62	-175.96	-136.83	-64.07	-156.40	-5.51	-4.08	-0.83
AKWESSNE_115KV_BK	39.45	38.02	32.74	30.82	29.49	38.30	46.80	40.24	39.48	36.78	42.01	54.13	58.51	92.78	81.24	104.93	84.36	321.41	36.95	31.19	30.58	27.68	21.55	31.15
355683	-1.07	-0.78	-0.72	-0.63	-0.59	-0.75	-1.29	-1.22	-1.49	-1.60	-1.81	-2.15	-2.25	-3.81	-3.70	-4.00	-3.38	-12.37	-1.32	-1.18	-1.13	-1.04	-0.73	-0.73
	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	41.31	39.43	33.97	31.91	31.29	39.47	48.34	42.17	41.75	39.04	44.46	57.05	78.87	98.16	93.10	122.28	112.50	518.43	176.10	97.32	188.91	34.80	26.73	33.17
23571	0.80	0.63	0.55	0.51	0.46	0.42	0.65	0.70	0.79	0.66	0.64	0.76	1.02	1.56	1.85	2.17	2.15	8.68	0.99	0.88	0.81	0.58	0.36	0.45
	0.00	0.00	0.03	0.05	-0.75	0.00	0.39	0.00	0.00	0.00	0.00	0.00	-17.10	0.00	-6.32	-11.18	-22.62	-175.96	-136.83	-64.07	-156.40	-5.51	-4.08	-0.83
ALBANY___2	41.31	39.43	33.97	31.91	31.29	39.47	48.34	42.17	41.75	39.04	44.46	57.05	78.87	98.16	93.10	122.28	112.50	518.43	176.10	97.32	188.91	34.80	26.73	33.17
23572	0.80	0.63	0.55	0.51	0.46	0.42	0.65	0.70	0.79	0.66	0.64	0.76	1.02	1.56	1.85	2.17	2.15	8.68	0.99	0.88	0.81	0.58	0.36	0.45
	0.00	0.00	0.03	0.05	-0.75	0.00	0.39	0.00	0.00	0.00	0.00	0.00	-17.10	0.00	-6.32	-11.18	-22.62	-175.96	-136.83	-64.07	-156.40	-5.51	-4.08	-0.83
ALBANY___3	41.31	39.43	33.97	31.91	31.29	39.47	48.34	42.17	41.75	39.04	44.46	57.05	78.87	98.16	93.10	122.28	112.50	518.43	176.10	97.32	188.91	34.80	26.73	33.17
23573	0.80	0.63	0.55	0.51	0.46	0.42	0.65	0.70	0.79	0.66	0.64	0.76	1.02	1.56	1.85	2.17	2.15	8.68	0.99	0.88	0.81	0.58	0.36	0.45
	0.00	0.00	0.03	0.05	-0.75	0.00	0.39	0.00	0.00	0.00	0.00	0.00	-17.10	0.00	-6.32	-11.18	-22.62	-175.96	-136.83	-64.07	-156.40	-5.51	-4.08	-0.83

ALBANY___4 23574	41.31 0.80 0.00	39.43 0.63 0.00	33.97 0.55 0.03	31.91 0.51 0.05	31.29 0.46 -0.75	39.47 0.42 0.00	48.34 0.65 0.39	42.17 0.70 0.00	41.75 0.79 0.00	39.04 0.66 0.00	44.46 0.64 0.00	57.05 0.76 0.00	78.87 1.02 -17.10	98.16 1.56 0.00	93.10 1.85 -6.32	122.28 2.17 -11.18	112.50 2.15 -22.62	518.43 8.68 -175.96	176.10 0.99 -136.83	97.32 0.88 -64.07	188.91 0.81 -156.40	34.80 0.58 -5.51	26.73 0.36 -4.08	33.17 0.45 -0.83
ALBANY___LFGE 323615	41.85 1.33 0.00	39.93 1.13 0.00	34.39 0.97 0.03	32.32 0.92 0.05	31.67 0.84 -0.75	39.98 0.93 0.00	48.97 1.31 0.42	42.74 1.28 0.00	42.32 1.36 0.00	39.61 1.23 0.00	45.14 1.32 0.00	57.97 1.68 0.00	79.83 2.02 -17.05	99.81 3.21 0.00	94.52 3.28 -6.30	124.09 4.01 -11.15	113.93 3.63 -22.57	548.83 14.35 -200.70	195.62 1.61 -155.74	102.91 1.40 -69.15	206.91 1.31 -173.90	35.21 1.01 -5.49	27.03 0.68 -4.07	33.59 0.88 -0.83
ALCOA_PA_115KV_PL-6C 55860	39.51 -1.01 0.00	38.09 -0.70 0.00	32.78 -0.67 0.00	30.87 -0.58 0.00	29.54 -0.54 0.00	38.37 -0.69 0.00	46.64 -1.45 0.00	40.33 -1.14 0.00	39.55 -1.41 0.00	36.57 -1.81 0.00	41.77 -2.05 0.00	53.82 -2.47 0.00	58.16 -2.59 0.00	92.20 -4.40 0.00	80.70 -4.23 0.00	104.19 -4.75 0.00	83.73 -4.00 0.00	319.35 -14.43 0.00	36.76 -1.52 0.00	31.03 -1.33 0.00	30.40 -1.30 0.00	27.53 -1.18 0.00	21.61 -0.67 0.00	31.23 -0.66 0.00
ALCOA_RYNLDS___DRP 24188	39.51 -1.01 0.00	38.09 -0.70 0.00	32.78 -0.67 0.00	30.87 -0.58 0.00	29.54 -0.54 0.00	38.37 -0.69 0.00	46.64 -1.45 0.00	40.33 -1.14 0.00	39.55 -1.41 0.00	36.57 -1.81 0.00	41.77 -2.05 0.00	53.82 -2.47 0.00	58.16 -2.59 0.00	92.20 -4.40 0.00	80.70 -4.23 0.00	104.19 -4.75 0.00	83.73 -4.00 0.00	319.35 -14.43 0.00	36.76 -1.52 0.00	31.03 -1.33 0.00	30.40 -1.30 0.00	27.53 -1.18 0.00	21.61 -0.67 0.00	31.23 -0.66 0.00
ALCOA___DSASP 323711	39.51 -1.01 0.00	38.09 -0.70 0.00	32.78 -0.67 0.00	30.87 -0.58 0.00	29.54 -0.54 0.00	38.37 -0.69 0.00	46.64 -1.45 0.00	40.33 -1.14 0.00	39.55 -1.41 0.00	36.57 -1.81 0.00	41.77 -2.05 0.00	53.82 -2.47 0.00	58.16 -2.59 0.00	92.21 -4.39 0.00	80.71 -4.23 0.00	104.19 -4.75 0.00	83.73 -4.00 0.00	319.39 -14.39 0.00	36.76 -1.52 0.00	31.03 -1.33 0.00	30.41 -1.30 0.00	27.53 -1.18 0.00	21.61 -0.68 0.00	31.23 -0.66 0.00
ALLEGHENY___COGEN 23514	41.35 0.84 0.00	39.31 0.51 0.00	33.77 0.32 0.00	31.91 0.46 0.00	30.66 0.58 0.00	40.39 1.34 0.00	50.40 2.31 0.00	43.81 2.35 0.00	43.33 2.37 0.00	40.80 2.42 0.00	45.84 2.02 0.00	57.20 0.91 0.00	58.62 -2.13 0.00	93.52 -3.08 0.00	80.63 -4.31 0.00	102.57 -6.37 0.00	80.97 -6.76 0.00	323.77 -23.38 -13.37	46.59 -1.90 -10.22	34.12 -1.00 -2.75	40.45 -0.71 -9.46	29.96 1.25 0.00	23.30 1.02 0.00	33.04 1.16 0.00
ALTAMONT_115KV_TB 2 55880	41.87 1.35 0.00	39.96 1.16 0.00	34.43 1.00 0.02	32.35 0.93 0.03	31.67 0.86 -0.73	40.00 0.95 0.00	49.12 1.31 0.28	42.74 1.28 0.00	42.33 1.36 0.00	39.58 1.20 0.00	45.10 1.28 0.00	57.88 1.60 0.00	79.27 1.88 -16.64	99.57 2.97 0.00	94.05 2.96 -6.15	123.44 3.63 -10.88	112.99 3.24 -22.02	504.17 12.77 -157.61	162.46 1.46 -122.73	93.11 1.29 -59.45	175.47 1.21 -142.56	35.10 0.99 -5.41	26.97 0.69 -4.00	33.60 0.90 -0.82
ALTONA_WT_PWR 323606	39.44 -1.08 0.00	38.01 -0.79 0.00	32.75 -0.70 0.00	30.92 -0.53 0.00	29.70 -0.38 0.00	38.44 -0.61 0.00	47.05 -1.03 0.00	40.45 -1.01 0.00	39.90 -1.06 0.00	37.15 -1.24 0.00	42.25 -1.57 0.00	54.32 -1.96 0.00	59.00 -1.75 0.00	94.02 -2.58 0.00	81.89 -3.05 0.00	106.16 -2.78 0.00	85.57 -2.16 0.00	326.61 -7.17 0.00	37.44 -0.84 0.00	31.62 -0.74 0.00	30.97 -0.73 0.00	27.92 -0.79 0.00	21.40 -0.88 0.00	31.11 -0.78 0.00
AMERICAN_REF_FUEL 24010	39.20 -1.32 0.00	37.43 -1.37 0.00	31.98 -1.47 0.00	30.12 -1.33 0.00	28.99 -1.10 0.00	38.30 -0.75 0.00	47.89 -0.19 0.00	41.40 -0.06 0.00	40.92 -0.05 0.00	38.50 0.12 0.00	44.11 0.29 0.00	56.18 -0.10 0.00	59.48 -1.27 0.00	96.09 -0.51 0.00	83.28 -1.66 0.00	105.79 -3.15 0.00	83.99 -3.74 0.00	327.70 -17.93 -11.85	45.38 -1.93 -9.04	33.49 -1.31 -2.44	39.04 -1.03 -8.37	28.16 -0.55 0.00	21.96 -0.32 0.00	31.36 -0.53 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	40.82 0.30 0.00	38.88 0.08 0.00	33.30 -0.15 0.00	31.48 0.03 0.00	30.25 0.17 0.00	39.95 0.90 0.00	50.09 2.01 0.00	43.09 1.63 0.00	42.59 1.63 0.00	40.12 1.74 0.00	45.75 1.92 0.00	58.66 2.37 0.00	62.61 1.86 0.00	101.30 4.70 0.00	87.86 2.92 0.00	111.35 2.41 0.00	88.49 0.76 0.00	346.92 -0.53 -13.66	48.44 -0.26 -10.42	35.20 0.02 -2.81	41.51 0.17 -9.65	29.30 0.59 0.00	22.85 0.57 0.00	32.60 0.71 0.00
ARTHUR_KILL_GT_1 23520	46.91 2.47 -3.92	41.24 2.27 -0.17	35.80 2.14 -0.20	33.46 1.96 -0.05	35.09 1.73 -3.28	40.69 1.77 0.14	50.65 2.18 -0.38	43.99 2.53 0.00	43.94 2.98 0.00	64.91 3.23 -23.31	47.55 3.73 0.00	92.07 4.77 -31.02	158.00 5.50 -91.75	105.92 8.35 -0.97	120.64 8.19 -27.52	167.99 10.34 -48.71	195.39 8.77 -98.89	448.37 32.83 -81.76	113.11 3.53 -71.31	153.07 2.94 -117.76	258.81 2.85 -224.26	88.25 2.46 -57.08	50.42 1.85 -26.29	43.24 2.42 -8.93
ARTHUR_KILL_2 23512	46.73 2.30 -3.92	41.08 2.11 -0.17	35.66 2.01 -0.20	33.34 1.84 -0.05	34.98 1.61 -3.28	40.54 1.63 0.14	50.45 1.98 -0.38	43.82 2.35 0.00	43.76 2.80 0.00	64.74 3.05 -23.31	47.34 3.52 0.00	91.80 4.50 -31.02	157.70 5.20 -91.75	105.48 7.91 -0.97	120.22 7.76 -27.52	167.40 9.75 -48.71	194.93 8.31 -98.89	446.50 30.96 -81.76	112.91 3.34 -71.31	152.90 2.77 -117.76	258.65 2.68 -224.26	88.10 2.31 -57.08	50.31 1.74 -26.29	43.10 2.28 -8.93
ARTHUR_KILL_3 23513	42.45 2.23 0.29	39.79 2.00 1.01	35.53 1.92 -0.16	33.22 1.73 -0.05	34.90 1.54 -3.28	40.47 1.55 0.14	50.34 1.88 -0.37	43.65 2.18 0.00	43.65 2.69 0.00	41.32 2.96 0.02	47.25 3.43 0.00	58.72 4.36 1.93	81.23 4.99 -15.49	99.58 8.04 5.06	112.79 7.72 -20.13	120.02 9.72 -1.35	137.47 8.13 -41.62	432.24 30.27 -68.19	110.93 3.28 -69.38	127.14 2.71 -92.07	221.57 2.63 -187.23	56.30 2.26 -25.33	42.76 1.72 -18.75	40.79 2.32 -6.58
ARTHUR_KILL_COGEN 323718	46.91 2.47 -3.92	41.24 2.27 -0.17	35.80 2.14 -0.20	33.46 1.96 -0.05	35.09 1.73 -3.28	40.69 1.77 0.14	50.65 2.18 -0.38	43.99 2.53 0.00	43.94 2.98 0.00	64.91 3.23 -23.31	47.55 3.73 0.00	92.07 4.77 -31.02	158.00 5.50 -91.75	105.92 8.35 -0.97	120.64 8.19 -27.52	167.99 10.34 -48.71	195.39 8.77 -98.89	448.37 32.83 -81.76	113.11 3.53 -71.31	153.07 2.94 -117.76	258.81 2.85 -224.26	88.25 2.46 -57.08	50.42 1.85 -26.29	43.24 2.42 -8.93
ASHOKAN____ 23654	42.89 2.38 0.00	40.81 2.01 0.00	35.18 1.73 0.00	33.01 1.56 0.00	31.49 1.41 0.00	40.72 1.67 0.00	50.55 2.46 0.00	43.85 2.38 0.00	43.43 2.47 0.00	40.42 2.03 0.00	45.93 2.11 0.00	59.04 2.76 0.00	73.71 3.31 -9.64	102.25 5.65 0.00	94.31 5.81 -3.56	121.88 7.62 -5.32	94.36 6.63 0.00	480.74 23.59 -123.36	135.58 2.52 -94.78	66.82 2.22 -32.23	123.80 2.01 -90.08	30.28 1.57 0.00	23.36 1.08 0.00	33.22 1.33 0.00

ASTORIA_EAST_ENERGY_CC1 323581	42.87 2.36 0.00	40.85 2.06 0.00	35.43 1.95 -0.03	33.27 1.77 -0.05	34.96 1.60 -3.28	40.73 1.67 0.00	50.50 2.04 -0.38	43.74 2.27 0.00	43.70 2.74 0.00	41.40 3.02 0.00	47.29 3.47 0.00	60.78 4.50 0.00	140.40 5.18 -74.46	104.80 8.20 0.00	120.42 7.97 -27.52	167.64 9.99 -48.71	195.10 8.48 -98.89	447.16 31.62 -81.76	112.91 3.33 -71.31	166.93 2.77 -131.79	230.50 2.66 -196.14	56.35 2.31 -25.32	42.76 1.74 -18.74	37.99 2.28 -3.83
ASTORIA_EAST_ENERGY_CC2 323582	42.87 2.36 0.00	40.85 2.06 0.00	35.43 1.95 -0.03	33.27 1.77 -0.05	34.96 1.60 -3.28	40.73 1.67 0.00	50.50 2.04 -0.38	43.74 2.27 0.00	43.70 2.74 0.00	41.40 3.02 0.00	47.29 3.47 0.00	60.78 4.50 0.00	140.40 5.18 -74.46	104.80 8.20 0.00	120.42 7.97 -27.52	167.64 9.99 -48.71	195.10 8.48 -98.89	447.16 31.62 -81.76	112.91 3.33 -71.31	166.93 2.77 -131.79	230.50 2.66 -196.14	56.35 2.31 -25.32	42.76 1.74 -18.74	37.99 2.28 -3.83
ASTORIA_GT2_1 24094	42.90 2.38 0.00	40.88 2.08 0.00	35.44 1.96 -0.03	33.28 1.79 -0.05	34.98 1.61 -3.28	40.76 1.71 0.00	50.53 2.06 -0.38	43.76 2.30 0.00	43.72 2.77 0.00	41.41 3.03 0.00	47.31 3.49 0.00	60.82 4.54 0.00	140.47 5.25 -74.46	104.84 8.24 0.00	120.46 8.01 -27.52	167.72 10.07 -48.71	195.17 8.56 -98.89	447.44 31.90 -81.76	112.93 3.36 -71.31	166.95 2.80 -131.79	230.53 2.69 -196.14	56.38 2.34 -25.32	42.78 1.76 -18.74	38.02 2.30 -3.83
ASTORIA_GT2_2 24095	42.90 2.38 0.00	40.88 2.08 0.00	35.44 1.96 -0.03	33.28 1.79 -0.05	34.98 1.61 -3.28	40.76 1.71 0.00	50.53 2.06 -0.38	43.76 2.30 0.00	43.72 2.77 0.00	41.41 3.03 0.00	47.31 3.49 0.00	60.82 4.54 0.00	140.47 5.25 -74.46	104.84 8.24 0.00	120.46 8.01 -27.52	167.72 10.07 -48.71	195.17 8.56 -98.89	447.44 31.90 -81.76	112.93 3.36 -71.31	166.95 2.80 -131.79	230.53 2.69 -196.14	56.38 2.34 -25.32	42.78 1.76 -18.74	38.02 2.30 -3.83
ASTORIA_GT2_3 24096	42.90 2.38 0.00	40.88 2.08 0.00	35.44 1.96 -0.03	33.28 1.79 -0.05	34.98 1.61 -3.28	40.76 1.71 0.00	50.53 2.06 -0.38	43.76 2.30 0.00	43.72 2.77 0.00	41.41 3.03 0.00	47.31 3.49 0.00	60.82 4.54 0.00	140.47 5.25 -74.46	104.84 8.24 0.00	120.46 8.01 -27.52	167.72 10.07 -48.71	195.17 8.56 -98.89	447.44 31.90 -81.76	112.93 3.36 -71.31	166.95 2.80 -131.79	230.53 2.69 -196.14	56.38 2.34 -25.32	42.78 1.76 -18.74	38.02 2.30 -3.83
ASTORIA_GT2_4 24097	42.90 2.38 0.00	40.88 2.08 0.00	35.44 1.96 -0.03	33.28 1.79 -0.05	34.98 1.61 -3.28	40.76 1.71 0.00	50.53 2.06 -0.38	43.76 2.30 0.00	43.72 2.77 0.00	41.41 3.03 0.00	47.31 3.49 0.00	60.82 4.54 0.00	140.47 5.25 -74.46	104.84 8.24 0.00	120.46 8.01 -27.52	167.72 10.07 -48.71	195.17 8.56 -98.89	447.44 31.90 -81.76	112.93 3.36 -71.31	166.95 2.80 -131.79	230.53 2.69 -196.14	56.38 2.34 -25.32	42.78 1.76 -18.74	38.02 2.30 -3.83
ASTORIA_GT3_1 24098	42.90 2.38 0.00	40.88 2.08 0.00	35.44 1.96 -0.03	33.28 1.79 -0.05	34.98 1.61 -3.28	40.76 1.71 0.00	50.53 2.06 -0.38	43.76 2.30 0.00	43.72 2.77 0.00	41.41 3.03 0.00	47.31 3.49 0.00	60.82 4.54 0.00	140.47 5.25 -74.46	104.84 8.24 0.00	120.46 8.01 -27.52	167.72 10.07 -48.71	195.17 8.56 -98.89	447.44 31.90 -81.76	112.93 3.36 -71.31	166.95 2.80 -131.79	230.53 2.69 -196.14	56.38 2.34 -25.32	42.78 1.76 -18.74	38.02 2.30 -3.83
ASTORIA_GT3_2 24099	42.90 2.38 0.00	40.88 2.08 0.00	35.44 1.96 -0.03	33.28 1.79 -0.05	34.98 1.61 -3.28	40.76 1.71 0.00	50.53 2.06 -0.38	43.76 2.30 0.00	43.72 2.77 0.00	41.41 3.03 0.00	47.31 3.49 0.00	60.82 4.54 0.00	140.47 5.25 -74.46	104.84 8.24 0.00	120.46 8.01 -27.52	167.72 10.07 -48.71	195.17 8.56 -98.89	447.44 31.90 -81.76	112.93 3.36 -71.31	166.95 2.80 -131.79	230.53 2.69 -196.14	56.38 2.34 -25.32	42.78 1.76 -18.74	38.02 2.30 -3.83
ASTORIA_GT3_3 24100	42.90 2.38 0.00	40.88 2.08 0.00	35.44 1.96 -0.03	33.28 1.79 -0.05	34.98 1.61 -3.28	40.76 1.71 0.00	50.53 2.06 -0.38	43.76 2.30 0.00	43.72 2.77 0.00	41.41 3.03 0.00	47.31 3.49 0.00	60.82 4.54 0.00	140.47 5.25 -74.46	104.84 8.24 0.00	120.46 8.01 -27.52	167.72 10.07 -48.71	195.17 8.56 -98.89	447.44 31.90 -81.76	112.93 3.36 -71.31	166.95 2.80 -131.79	230.53 2.69 -196.14	56.38 2.34 -25.32	42.78 1.76 -18.74	38.02 2.30 -3.83
ASTORIA_GT3_4 24101	42.90 2.38 0.00	40.88 2.08 0.00	35.44 1.96 -0.03	33.28 1.79 -0.05	34.98 1.61 -3.28	40.76 1.71 0.00	50.53 2.06 -0.38	43.76 2.30 0.00	43.72 2.77 0.00	41.41 3.03 0.00	47.31 3.49 0.00	60.82 4.54 0.00	140.47 5.25 -74.46	104.84 8.24 0.00	120.46 8.01 -27.52	167.72 10.07 -48.71	195.17 8.56 -98.89	447.44 31.90 -81.76	112.93 3.36 -71.31	166.95 2.80 -131.79	230.53 2.69 -196.14	56.38 2.34 -25.32	42.78 1.76 -18.74	38.02 2.30 -3.83
ASTORIA_GT4_1 24102	42.90 2.38 0.00	40.88 2.08 0.00	35.44 1.96 -0.03	33.28 1.79 -0.05	34.98 1.61 -3.28	40.76 1.71 0.00	50.53 2.06 -0.38	43.76 2.30 0.00	43.72 2.77 0.00	41.41 3.03 0.00	47.31 3.49 0.00	60.82 4.54 0.00	140.47 5.25 -74.46	104.84 8.24 0.00	120.46 8.01 -27.52	167.72 10.07 -48.71	195.17 8.56 -98.89	447.44 31.90 -81.76	112.93 3.36 -71.31	166.95 2.80 -131.79	230.53 2.69 -196.14	56.38 2.34 -25.32	42.78 1.76 -18.74	38.02 2.30 -3.83
ASTORIA_GT4_2 24103	42.90 2.38 0.00	40.88 2.08 0.00	35.44 1.96 -0.03	33.28 1.79 -0.05	34.98 1.61 -3.28	40.76 1.71 0.00	50.53 2.06 -0.38	43.76 2.30 0.00	43.72 2.77 0.00	41.41 3.03 0.00	47.31 3.49 0.00	60.82 4.54 0.00	140.47 5.25 -74.46	104.84 8.24 0.00	120.46 8.01 -27.52	167.72 10.07 -48.71	195.17 8.56 -98.89	447.44 31.90 -81.76	112.93 3.36 -71.31	166.95 2.80 -131.79	230.53 2.69 -196.14	56.38 2.34 -25.32	42.78 1.76 -18.74	38.02 2.30 -3.83
ASTORIA_GT4_3 24104	42.90 2.38 0.00	40.88 2.08 0.00	35.44 1.96 -0.03	33.28 1.79 -0.05	34.98 1.61 -3.28	40.76 1.71 0.00	50.53 2.06 -0.38	43.76 2.30 0.00	43.72 2.77 0.00	41.41 3.03 0.00	47.31 3.49 0.00	60.82 4.54 0.00	140.47 5.25 -74.46	104.84 8.24 0.00	120.46 8.01 -27.52	167.72 10.07 -48.71	195.17 8.56 -98.89	447.44 31.90 -81.76	112.93 3.36 -71.31	166.95 2.80 -131.79	230.53 2.69 -196.14	56.38 2.34 -25.32	42.78 1.76 -18.74	38.02 2.30 -3.83
ASTORIA_GT4_4 24105	42.90 2.38 0.00	40.88 2.08 0.00	35.44 1.96 -0.03	33.28 1.79 -0.05	34.98 1.61 -3.28	40.76 1.71 0.00	50.53 2.06 -0.38	43.76 2.30 0.00	43.72 2.77 0.00	41.41 3.03 0.00	47.31 3.49 0.00	60.82 4.54 0.00	140.47 5.25 -74.46	104.84 8.24 0.00	120.46 8.01 -27.52	167.72 10.07 -48.71	195.17 8.56 -98.89	447.44 31.90 -81.76	112.93 3.36 -71.31	166.95 2.80 -131.79	230.53 2.69 -196.14	56.38 2.34 -25.32	42.78 1.76 -18.74	38.02 2.30 -3.83
ASTORIA_GT_1 23523	43.01 2.50 0.00	40.99 2.19 0.00	35.53 2.05 -0.03	33.36 1.87 -0.05	35.05 1.69 -3.28	40.85 1.79 0.00	50.66 2.19 -0.38	43.88 2.42 0.00	43.85 2.89 0.00	41.54 3.16 0.00	47.45 3.63 0.00	60.99 4.71 0.00	140.64 5.42 -74.46	105.19 8.59 0.00	120.75 8.30 -27.52	168.07 10.42 -48.71	195.44 8.83 -98.89	448.50 32.96 -81.76	113.06 3.48 -71.31	167.05 2.90 -131.79	230.63 2.79 -196.14	56.45 2.41 -25.32	42.84 1.81 -18.74	38.10 2.38 -3.83

ASTORIA_GT_10 24110	42.91 2.39 0.00	40.94 2.14 0.00	35.48 2.01 -0.03	33.32 1.82 -0.05	35.05 1.69 -3.28	40.86 1.80 0.00	50.61 2.15 -0.38	43.82 2.36 0.00	43.83 2.87 0.00	41.52 3.14 0.00	47.38 3.56 0.00	60.81 4.53 0.00	140.41 5.20 -74.46	104.81 8.21 0.00	120.30 7.84 -27.52	167.55 9.89 -48.71	194.93 8.31 -98.89	446.56 31.02 -81.76	112.89 3.31 -71.31	151.84 2.72 -116.75	161.51 2.65 -127.16	39.19 2.31 -8.17	38.71 1.76 -14.67	38.08 2.36 -3.83
ASTORIA_GT_11 24225	42.91 2.39 0.00	40.94 2.14 0.00	35.48 2.01 -0.03	33.32 1.82 -0.05	35.05 1.69 -3.28	40.86 1.80 0.00	50.61 2.15 -0.38	43.82 2.36 0.00	43.83 2.87 0.00	41.52 3.14 0.00	47.38 3.56 0.00	60.81 4.53 0.00	140.41 5.20 -74.46	104.81 8.21 0.00	120.30 7.84 -27.52	167.55 9.89 -48.71	194.93 8.31 -98.89	446.56 31.02 -81.76	112.89 3.31 -71.31	151.84 2.72 -116.75	161.51 2.65 -127.16	39.19 2.31 -8.17	38.71 1.76 -14.67	38.08 2.36 -3.83
ASTORIA_GT_12 24226	42.91 2.39 0.00	40.94 2.14 0.00	35.48 2.01 -0.03	33.32 1.82 -0.05	35.05 1.69 -3.28	40.86 1.80 0.00	50.61 2.15 -0.38	43.82 2.36 0.00	43.83 2.87 0.00	41.52 3.14 0.00	47.38 3.56 0.00	60.81 4.53 0.00	140.41 5.20 -74.46	104.81 8.21 0.00	120.30 7.84 -27.52	167.55 9.89 -48.71	194.93 8.31 -98.89	446.56 31.02 -81.76	112.89 3.31 -71.31	151.84 2.72 -116.75	161.51 2.65 -127.16	39.19 2.31 -8.17	38.71 1.76 -14.67	38.08 2.36 -3.83
ASTORIA_GT_13 24227	42.91 2.39 0.00	40.94 2.14 0.00	35.48 2.01 -0.03	33.32 1.82 -0.05	35.05 1.69 -3.28	40.86 1.80 0.00	50.61 2.15 -0.38	43.82 2.36 0.00	43.83 2.87 0.00	41.52 3.14 0.00	47.38 3.56 0.00	60.81 4.53 0.00	140.41 5.20 -74.46	104.81 8.21 0.00	120.30 7.84 -27.52	167.55 9.89 -48.71	194.93 8.31 -98.89	446.56 31.02 -81.76	112.89 3.31 -71.31	151.84 2.72 -116.75	161.51 2.65 -127.16	39.19 2.31 -8.17	38.71 1.76 -14.67	38.08 2.36 -3.83
ASTORIA_GT_5 24106	43.01 2.50 0.00	40.99 2.19 0.00	35.53 2.05 -0.03	33.36 1.87 -0.05	35.05 1.69 -3.28	40.85 1.79 0.00	50.66 2.19 -0.38	43.88 2.42 0.00	43.85 2.89 0.00	41.54 3.16 0.00	47.45 3.63 0.00	60.99 4.71 0.00	140.64 5.42 -74.46	105.19 8.59 0.00	120.75 8.30 -27.52	168.07 10.42 -48.71	195.44 8.83 -98.89	448.50 32.96 -81.76	113.06 3.48 -71.31	167.05 2.90 -131.79	230.63 2.79 -196.14	56.45 2.41 -25.32	42.84 1.81 -18.74	38.10 2.38 -3.83
ASTORIA_GT_7 24107	43.01 2.50 0.00	40.99 2.19 0.00	35.53 2.05 -0.03	33.36 1.87 -0.05	35.05 1.69 -3.28	40.85 1.79 0.00	50.66 2.19 -0.38	43.88 2.42 0.00	43.85 2.89 0.00	41.54 3.16 0.00	47.45 3.63 0.00	60.99 4.71 0.00	140.64 5.42 -74.46	105.19 8.59 0.00	120.75 8.30 -27.52	168.07 10.42 -48.71	195.44 8.83 -98.89	448.50 32.96 -81.76	113.06 3.48 -71.31	167.05 2.90 -131.79	230.63 2.79 -196.14	56.45 2.41 -25.32	42.84 1.81 -18.74	38.10 2.38 -3.83
ASTORIA_GT_8 24108	43.01 2.49 0.00	40.99 2.19 0.00	35.53 2.05 -0.03	33.36 1.87 -0.05	35.05 1.69 -3.28	40.84 1.80 0.00	50.65 2.19 -0.38	43.88 2.42 0.00	43.85 2.88 0.00	41.54 3.16 0.00	47.45 3.63 0.00	61.00 4.72 0.00	140.65 5.43 -74.46	105.19 8.59 0.00	120.75 8.30 -27.52	168.08 10.42 -48.71	195.45 8.83 -98.89	448.52 32.98 -81.76	113.06 3.48 -71.31	167.05 2.89 -131.79	230.63 2.79 -196.14	56.46 2.43 -25.32	42.85 1.82 -18.74	38.09 2.38 -3.83
ASTORIA___2 24149	42.90 2.38 0.00	40.88 2.08 0.00	35.44 1.96 -0.03	33.29 1.79 -0.05	34.98 1.61 -3.28	40.76 1.71 0.00	50.52 2.06 -0.38	43.77 2.30 0.00	43.73 2.77 0.00	41.41 3.03 0.00	47.31 3.49 0.00	60.81 4.53 0.00	140.45 5.23 -74.46	104.83 8.23 0.00	120.46 8.01 -27.52	167.69 10.03 -48.71	195.16 8.54 -98.89	447.35 31.81 -81.76	112.93 3.36 -71.31	166.95 2.80 -131.79	230.53 2.69 -196.14	56.36 2.33 -25.32	42.77 1.75 -18.74	38.02 2.30 -3.83
ASTORIA___3 23516	42.91 2.39 0.00	40.94 2.14 0.00	35.48 2.01 -0.03	33.32 1.82 -0.05	35.05 1.69 -3.28	40.86 1.81 0.00	50.62 2.15 -0.38	43.82 2.36 0.00	43.83 2.87 0.00	41.51 3.13 0.00	47.38 3.56 0.00	60.81 4.53 0.00	140.40 5.18 -74.46	104.79 8.19 0.00	120.31 7.85 -27.52	167.55 9.90 -48.71	194.92 8.30 -98.89	446.41 30.87 -81.76	112.88 3.30 -71.31	151.83 2.71 -116.75	161.51 2.64 -127.16	39.18 2.30 -8.17	38.70 1.74 -14.67	38.08 2.37 -3.83
ASTORIA___4 23517	42.91 2.39 0.00	40.94 2.14 0.00	35.48 2.01 -0.03	33.32 1.82 -0.05	35.05 1.69 -3.28	40.86 1.80 0.00	50.61 2.15 -0.38	43.82 2.36 0.00	43.83 2.87 0.00	41.52 3.14 0.00	47.38 3.56 0.00	60.81 4.53 0.00	140.41 5.20 -74.46	104.79 8.19 0.00	120.30 7.84 -27.52	167.54 9.89 -48.71	194.92 8.30 -98.89	446.41 30.86 -81.76	112.88 3.30 -71.31	151.84 2.72 -116.75	161.51 2.64 -127.16	39.18 2.30 -8.17	38.71 1.76 -14.67	38.08 2.36 -3.83
ASTORIA___5 23518	42.91 2.39 0.00	40.94 2.14 0.00	35.48 2.01 -0.03	33.32 1.82 -0.05	35.05 1.69 -3.28	40.86 1.81 0.00	50.62 2.15 -0.38	43.82 2.36 0.00	43.83 2.87 0.00	41.51 3.13 0.00	47.38 3.56 0.00	60.81 4.53 0.00	140.40 5.18 -74.46	104.79 8.19 0.00	120.31 7.85 -27.52	167.55 9.90 -48.71	194.92 8.30 -98.89	446.41 30.87 -81.76	112.88 3.30 -71.31	151.83 2.71 -116.75	161.51 2.64 -127.16	39.18 2.30 -8.17	38.70 1.74 -14.67	38.08 2.37 -3.83
AST_ENERGY_2_CC3 323677	42.94 2.42 0.00	40.97 2.17 0.00	35.51 2.03 -0.03	33.34 1.84 -0.05	35.02 1.66 -3.28	40.80 1.74 0.00	50.61 2.14 -0.38	43.85 2.38 0.00	43.85 2.88 0.00	41.53 3.14 0.00	47.47 3.64 0.00	60.94 4.66 0.00	140.53 5.29 -74.48	105.13 8.53 0.00	120.60 8.14 -27.52	167.97 10.30 -48.73	195.18 8.54 -98.92	447.36 31.82 -81.76	113.03 3.45 -71.31	167.02 2.85 -131.81	230.64 2.78 -196.16	56.41 2.37 -25.33	42.82 1.79 -18.75	38.09 2.38 -3.83
AST_ENERGY_2_CC4 323678	42.94 2.42 0.00	40.97 2.17 0.00	35.51 2.03 -0.03	33.34 1.84 -0.05	35.02 1.66 -3.28	40.80 1.74 0.00	50.61 2.14 -0.38	43.85 2.38 0.00	43.85 2.88 0.00	41.53 3.14 0.00	47.47 3.64 0.00	60.94 4.66 0.00	140.53 5.29 -74.48	105.13 8.53 0.00	120.60 8.14 -27.52	167.97 10.30 -48.73	195.18 8.54 -98.92	447.36 31.82 -81.76	113.03 3.45 -71.31	167.02 2.85 -131.81	230.64 2.78 -196.16	56.41 2.37 -25.33	42.82 1.79 -18.75	38.09 2.38 -3.83
ATHENS_STG_1 23668	41.96 1.44 0.00	40.03 1.24 0.00	34.56 1.09 -0.01	32.48 1.01 -0.01	31.87 0.91 -0.88	40.02 0.96 0.00	49.46 1.26 -0.12	42.79 1.33 0.00	42.50 1.54 0.00	39.84 1.46 0.00	45.47 1.65 0.00	58.37 2.09 0.00	83.19 2.38 -20.05	100.35 3.76 0.00	95.99 3.64 -7.41	126.47 4.43 -13.11	118.10 3.85 -26.52	434.93 14.38 -86.77	108.81 1.64 -68.90	85.24 1.46 -51.41	133.82 1.45 -100.67	37.29 1.21 -7.37	28.60 0.86 -5.46	34.08 1.08 -1.11
ATHENS_STG_2 23670	41.96 1.44 0.00	40.03 1.24 0.00	34.56 1.09 -0.01	32.48 1.01 -0.01	31.87 0.91 -0.88	40.02 0.96 0.00	49.46 1.26 -0.12	42.79 1.33 0.00	42.50 1.54 0.00	39.84 1.46 0.00	45.47 1.65 0.00	58.37 2.09 0.00	83.19 2.38 -20.05	100.35 3.76 0.00	95.99 3.64 -7.41	126.47 4.43 -13.11	118.10 3.85 -26.52	434.93 14.38 -86.77	108.81 1.64 -68.90	85.24 1.46 -51.41	133.82 1.45 -100.67	37.29 1.21 -7.37	28.60 0.86 -5.46	34.08 1.08 -1.11

ATHENS_STG_3 23677	41.96 1.44 0.00	40.03 1.24 0.00	34.56 1.09 -0.01	32.48 1.01 -0.01	31.87 0.91 -0.88	40.02 0.96 0.00	49.46 1.26 -0.12	42.79 1.33 0.00	42.50 1.54 0.00	39.84 1.46 0.00	45.47 1.65 0.00	58.37 2.09 0.00	83.19 2.38 -20.05	100.35 3.76 0.00	95.99 3.64 -7.41	126.47 4.43 -13.11	118.10 3.85 -26.52	434.93 14.38 -86.77	108.81 1.64 -68.90	85.24 1.46 -51.41	133.82 1.45 -100.67	37.29 1.21 -7.37	28.60 0.86 -5.46	34.08 1.08 -1.11
AUBURN____LFGE 323710	41.59 1.07 0.00	39.63 0.83 0.00	34.19 0.74 0.00	32.10 0.65 0.00	30.83 0.75 0.00	40.30 1.25 0.00	49.78 1.69 0.00	43.02 1.55 0.00	42.66 1.70 0.00	40.08 1.69 0.00	45.76 1.94 0.00	58.70 2.42 0.00	63.02 2.26 0.00	100.66 4.06 0.00	88.66 3.72 0.00	112.89 3.95 0.00	91.31 3.59 0.00	356.72 13.38 -9.55	47.06 1.49 -7.30	35.40 1.06 -1.97	39.45 0.98 -6.77	29.63 0.92 0.00	22.98 0.69 0.00	32.67 0.79 0.00
BABYLON_RES_REC 323704	43.93 3.42 0.00	42.08 3.27 0.00	36.37 2.89 -0.03	34.06 2.56 -0.05	35.75 2.41 -3.26	41.32 2.27 0.00	50.57 2.10 -0.38	43.60 2.13 0.00	43.42 2.46 0.00	41.51 3.13 0.00	48.14 3.73 -0.58	66.94 4.43 -6.22	152.84 5.06 -87.03	119.15 8.67 -13.88	152.16 8.68 -58.54	172.66 10.18 -53.54	200.29 8.71 -103.85	453.00 32.85 -86.36	122.42 3.48 -80.67	174.79 2.78 -139.64	234.27 2.56 -200.00	60.26 2.53 -29.01	46.10 2.09 -21.72	39.39 2.89 -4.61
BABYLON__69_KV_BK2 356345	44.47 3.96 0.00	42.61 3.82 0.00	36.83 3.35 -0.03	34.47 2.97 -0.05	36.15 2.82 -3.26	41.96 2.91 0.00	51.49 3.02 -0.38	44.43 2.97 0.00	44.33 3.37 0.00	42.43 4.05 0.00	50.36 4.85 -1.70	81.82 5.75 -19.78	182.98 6.46 -115.77	154.68 10.84 -47.24	185.25 10.64 -89.67	196.37 12.82 -74.61	222.80 10.84 -124.23	482.75 40.95 -108.02	156.09 4.40 -113.42	201.09 3.55 -165.17	247.84 3.30 -212.83	65.12 3.21 -33.20	49.96 2.54 -25.14	41.37 3.38 -6.11
BALL_HILL_WT_PWR 323825	40.27 -0.24 0.00	38.44 -0.36 0.00	32.94 -0.51 0.00	31.09 -0.36 0.00	29.90 -0.18 0.00	39.47 0.41 0.00	49.34 1.25 0.00	42.64 1.18 0.00	42.20 1.24 0.00	39.78 1.40 0.00	45.39 1.56 0.00	58.00 1.71 0.00	61.70 0.95 0.00	99.67 3.07 0.00	86.67 1.74 0.00	110.01 1.07 0.00	87.42 -0.31 0.00	342.93 -4.04 -13.19	47.83 -0.50 -10.06	34.90 -0.18 -2.71	40.99 -0.02 -9.31	29.01 0.30 0.00	22.58 0.31 0.00	32.26 0.37 0.00
BARON_WINDS____WT_PWR 323822	40.01 -0.50 0.00	38.05 -0.76 0.00	32.92 -0.53 0.00	31.28 -0.17 0.00	30.10 0.01 0.00	39.49 0.44 0.00	48.79 0.70 0.00	42.43 0.97 0.00	42.03 1.06 0.00	39.75 1.37 0.00	45.12 1.29 0.00	57.67 1.38 0.00	61.55 0.79 0.00	98.91 2.32 0.00	86.68 1.74 0.00	110.28 1.34 0.00	87.35 -0.38 0.00	347.74 -3.60 -17.56	51.44 -0.26 -13.42	36.24 0.26 -3.61	44.40 0.28 -12.42	29.15 0.44 0.00	22.66 0.38 0.00	32.26 0.37 0.00
BARRETT_IC_1 23704	43.46 2.94 0.00	41.52 2.72 0.00	35.91 2.42 -0.03	33.66 2.17 -0.05	35.34 2.01 -3.26	41.05 2.00 0.00	50.45 1.98 -0.38	43.47 2.00 0.00	43.29 2.33 0.00	41.32 2.94 0.00	47.45 3.47 -0.15	60.41 4.12 0.00	139.27 4.65 -73.86	104.39 7.80 0.01	142.00 7.85 -49.22	166.78 9.53 -48.32	193.92 8.10 -98.09	445.83 30.27 -81.78	114.68 3.20 -73.20	166.13 2.59 -131.17	229.34 2.45 -195.19	79.75 2.48 -48.56	59.01 1.96 -34.76	38.21 2.52 -3.81
BARRETT_IC_10 23701	43.46 2.94 0.00	41.52 2.72 0.00	35.91 2.42 -0.03	33.66 2.17 -0.05	35.34 2.01 -3.26	41.05 2.00 0.00	50.45 1.98 -0.38	43.47 2.00 0.00	43.29 2.33 0.00	41.32 2.94 0.00	47.45 3.47 -0.15	60.41 4.12 0.00	139.27 4.65 -73.86	104.39 7.80 0.01	142.00 7.85 -49.22	166.78 9.53 -48.32	193.92 8.10 -98.09	445.83 30.27 -81.78	114.68 3.20 -73.20	166.13 2.59 -131.17	229.34 2.45 -195.19	79.75 2.48 -48.56	59.01 1.96 -34.76	38.21 2.52 -3.81
BARRETT_IC_11 23702	43.46 2.94 0.00	41.52 2.72 0.00	35.91 2.42 -0.03	33.66 2.17 -0.05	35.34 2.01 -3.26	41.05 2.00 0.00	50.45 1.98 -0.38	43.47 2.00 0.00	43.29 2.33 0.00	41.32 2.94 0.00	47.45 3.47 -0.15	60.41 4.12 0.00	139.27 4.65 -73.86	104.39 7.80 0.01	142.00 7.85 -49.22	166.78 9.53 -48.32	193.92 8.10 -98.09	445.83 30.27 -81.78	114.68 3.20 -73.20	166.13 2.59 -131.17	229.34 2.45 -195.19	79.75 2.48 -48.56	59.01 1.96 -34.76	38.21 2.52 -3.81
BARRETT_IC_12 23703	43.46 2.94 0.00	41.52 2.72 0.00	35.91 2.42 -0.03	33.66 2.17 -0.05	35.34 2.01 -3.26	41.05 2.00 0.00	50.45 1.98 -0.38	43.47 2.00 0.00	43.29 2.33 0.00	41.32 2.94 0.00	47.45 3.47 -0.15	60.41 4.12 0.00	139.27 4.65 -73.86	104.39 7.80 0.01	142.00 7.85 -49.22	166.78 9.53 -48.32	193.92 8.10 -98.09	445.83 30.27 -81.78	114.68 3.20 -73.20	166.13 2.59 -131.17	229.34 2.45 -195.19	79.75 2.48 -48.56	59.01 1.96 -34.76	38.21 2.52 -3.81
BARRETT_IC_2 23705	43.46 2.94 0.00	41.52 2.72 0.00	35.91 2.42 -0.03	33.66 2.17 -0.05	35.34 2.01 -3.26	41.05 2.00 0.00	50.45 1.98 -0.38	43.47 2.00 0.00	43.29 2.33 0.00	41.32 2.94 0.00	47.45 3.47 -0.15	60.41 4.12 0.00	139.27 4.65 -73.86	104.39 7.80 0.01	142.00 7.85 -49.22	166.78 9.53 -48.32	193.92 8.10 -98.09	445.83 30.27 -81.78	114.68 3.20 -73.20	166.13 2.59 -131.17	229.34 2.45 -195.19	79.75 2.48 -48.56	59.01 1.96 -34.76	38.21 2.52 -3.81
BARRETT_IC_3 23706	43.46 2.94 0.00	41.52 2.72 0.00	35.91 2.42 -0.03	33.66 2.17 -0.05	35.34 2.01 -3.26	41.05 2.00 0.00	50.45 1.98 -0.38	43.47 2.00 0.00	43.29 2.33 0.00	41.32 2.94 0.00	47.45 3.47 -0.15	60.41 4.12 0.00	139.27 4.65 -73.86	104.39 7.80 0.01	142.00 7.85 -49.22	166.78 9.53 -48.32	193.92 8.10 -98.09	445.83 30.27 -81.78	114.68 3.20 -73.20	166.13 2.59 -131.17	229.34 2.45 -195.19	79.75 2.48 -48.56	59.01 1.96 -34.76	38.21 2.52 -3.81
BARRETT_IC_4 23707	43.46 2.94 0.00	41.52 2.72 0.00	35.91 2.42 -0.03	33.66 2.17 -0.05	35.34 2.01 -3.26	41.05 2.00 0.00	50.45 1.98 -0.38	43.47 2.00 0.00	43.29 2.33 0.00	41.32 2.94 0.00	47.45 3.47 -0.15	60.41 4.12 0.00	139.27 4.65 -73.86	104.39 7.80 0.01	142.00 7.85 -49.22	166.78 9.53 -48.32	193.92 8.10 -98.09	445.83 30.27 -81.78	114.68 3.20 -73.20	166.13 2.59 -131.17	229.34 2.45 -195.19	79.75 2.48 -48.56	59.01 1.96 -34.76	38.21 2.52 -3.81
BARRETT_IC_5 23708	43.46 2.94 0.00	41.52 2.72 0.00	35.91 2.42 -0.03	33.66 2.17 -0.05	35.34 2.01 -3.26	41.05 2.00 0.00	50.45 1.98 -0.38	43.47 2.00 0.00	43.29 2.33 0.00	41.32 2.94 0.00	47.45 3.47 -0.15	60.41 4.12 0.00	139.27 4.65 -73.86	104.39 7.80 0.01	142.00 7.85 -49.22	166.78 9.53 -48.32	193.92 8.10 -98.09	445.83 30.27 -81.78	114.68 3.20 -73.20	166.13 2.59 -131.17	229.34 2.45 -195.19	79.75 2.48 -48.56	59.01 1.96 -34.76	38.21 2.52 -3.81
BARRETT_IC_6 23709	43.46 2.94 0.00	41.52 2.72 0.00	35.91 2.42 -0.03	33.66 2.17 -0.05	35.34 2.01 -3.26	41.05 2.00 0.00	50.45 1.98 -0.38	43.47 2.00 0.00	43.29 2.33 0.00	41.32 2.94 0.00	47.45 3.47 -0.15	60.41 4.12 0.00	139.27 4.65 -73.86	104.39 7.80 0.01	142.00 7.85 -49.22	166.78 9.53 -48.32	193.92 8.10 -98.09	445.83 30.27 -81.78	114.68 3.20 -73.20	166.13 2.59 -131.17	229.34 2.45 -195.19	79.75 2.48 -48.56	59.01 1.96 -34.76	38.21 2.52 -3.81

BARRETT_IC_7 23710	43.47 2.95 0.00	41.52 2.72 0.00	35.91 2.43 -0.03	33.66 2.16 -0.05	35.35 2.01 -3.26	41.04 1.99 0.00	50.45 1.99 -0.38	43.45 1.99 0.00	43.29 2.33 0.00	41.32 2.94 0.00	47.45 3.48 -0.15	60.41 4.13 0.00	139.28 4.66 -73.87	104.37 7.78 0.00	142.01 7.85 -49.23	166.79 9.52 -48.32	193.94 8.12 -98.09	445.93 30.36 -81.79	114.69 3.21 -73.21	166.13 2.58 -131.18	229.34 2.44 -195.20	79.75 2.48 -48.55	59.02 1.98 -34.76	38.20 2.52 -3.80
BARRETT_IC_8 23711	43.46 2.94 0.00	41.52 2.72 0.00	35.91 2.42 -0.03	33.66 2.17 -0.05	35.34 2.01 -3.26	41.05 2.00 0.00	50.45 1.98 -0.38	43.47 2.00 0.00	43.29 2.33 0.00	41.32 2.94 0.00	47.45 3.47 -0.15	60.41 4.12 0.00	139.27 4.65 -73.86	104.39 7.80 0.01	142.00 7.85 -49.22	166.78 9.53 -48.32	193.92 8.10 -98.09	445.83 30.27 -81.78	114.68 3.20 -73.20	166.13 2.59 -131.17	229.34 2.45 -195.19	79.75 2.48 -48.56	59.01 1.96 -34.76	38.21 2.52 -3.81
BARRETT_IC_9 23700	43.46 2.94 0.00	41.52 2.72 0.00	35.91 2.42 -0.03	33.66 2.17 -0.05	35.34 2.01 -3.26	41.05 2.00 0.00	50.45 1.98 -0.38	43.47 2.00 0.00	43.29 2.33 0.00	41.32 2.94 0.00	47.45 3.47 -0.15	60.41 4.12 0.00	139.27 4.65 -73.86	104.39 7.80 0.01	142.00 7.85 -49.22	166.78 9.53 -48.32	193.92 8.10 -98.09	445.83 30.27 -81.78	114.68 3.20 -73.20	166.13 2.59 -131.17	229.34 2.45 -195.19	79.75 2.48 -48.56	59.01 1.96 -34.76	38.21 2.52 -3.81
BARRETT___1 23545	43.46 2.94 0.00	41.52 2.72 0.00	35.91 2.42 -0.03	33.66 2.17 -0.05	35.34 2.01 -3.26	41.05 2.00 0.00	50.45 1.98 -0.38	43.47 2.00 0.00	43.29 2.33 0.00	41.32 2.94 0.00	47.45 3.47 -0.15	60.41 4.12 0.00	139.27 4.65 -73.86	104.39 7.80 0.01	142.00 7.85 -49.22	166.78 9.53 -48.32	193.92 8.10 -98.09	445.83 30.27 -81.78	114.68 3.20 -73.20	166.13 2.59 -131.17	229.34 2.45 -195.19	79.75 2.48 -48.56	59.01 1.96 -34.76	38.21 2.52 -3.81
BARRETT___2 23546	43.46 2.94 0.00	41.52 2.72 0.00	35.91 2.42 -0.03	33.66 2.17 -0.05	35.34 2.01 -3.26	41.05 2.00 0.00	50.45 1.98 -0.38	43.47 2.00 0.00	43.29 2.33 0.00	41.32 2.94 0.00	47.45 3.47 -0.15	60.41 4.12 0.00	139.27 4.65 -73.86	104.39 7.80 0.01	142.00 7.85 -49.22	166.78 9.53 -48.32	193.92 8.10 -98.09	445.83 30.27 -81.78	114.68 3.20 -73.20	166.13 2.59 -131.17	229.34 2.45 -195.19	79.75 2.48 -48.56	59.01 1.96 -34.76	38.21 2.52 -3.81
BATAVIA___115KV_TB1 55881	41.32 0.80 0.00	39.37 0.57 0.00	33.64 0.19 0.00	31.66 0.20 0.00	30.43 0.35 0.00	40.18 1.13 0.00	50.27 2.19 0.00	43.63 2.16 0.00	43.15 2.20 0.00	40.50 2.12 0.00	46.21 2.38 0.00	59.09 2.81 0.00	62.92 2.16 0.00	101.50 4.90 0.00	87.18 2.25 0.00	110.44 1.50 0.00	87.46 -0.27 0.00	339.87 -4.72 -10.81	46.14 -0.33 -8.20	34.74 0.17 -2.20	40.01 0.74 -7.57	29.63 0.92 0.00	23.00 0.72 0.00	32.80 0.91 0.00
BAYONEEC___CTG1 323682	42.64 2.42 0.29	39.87 2.17 1.10	35.54 2.06 -0.03	33.35 1.86 -0.05	35.05 1.69 -3.28	40.81 1.76 0.00	50.60 2.14 -0.37	43.85 2.38 0.00	43.85 2.89 0.00	41.43 3.14 0.10	47.45 3.63 0.00	59.00 4.64 1.93	81.57 5.25 -15.56	100.06 8.52 5.06	113.19 8.12 -20.13	120.58 10.29 -1.35	137.88 8.53 -41.62	433.78 31.80 -68.19	111.10 3.44 -69.38	127.28 2.85 -92.07	221.71 2.78 -187.23	56.41 2.37 -25.33	42.83 1.79 -18.75	38.11 2.40 -3.83
BAYONEEC___CTG10 323750	42.64 2.42 0.29	39.87 2.17 1.10	35.54 2.06 -0.03	33.35 1.86 -0.05	35.05 1.69 -3.28	40.81 1.76 0.00	50.60 2.14 -0.37	43.85 2.38 0.00	43.85 2.89 0.00	41.43 3.14 0.10	47.45 3.63 0.00	59.00 4.64 1.93	81.57 5.25 -15.56	100.06 8.52 5.06	113.19 8.12 -20.13	120.58 10.29 -1.35	137.88 8.53 -41.62	433.78 31.80 -68.19	111.10 3.44 -69.38	127.28 2.85 -92.07	221.71 2.78 -187.23	56.41 2.37 -25.33	42.83 1.79 -18.75	38.11 2.40 -3.83
BAYONEEC___CTG2 323683	42.64 2.42 0.29	39.87 2.17 1.10	35.54 2.06 -0.03	33.35 1.86 -0.05	35.05 1.69 -3.28	40.81 1.76 0.00	50.60 2.14 -0.37	43.85 2.38 0.00	43.85 2.89 0.00	41.43 3.14 0.10	47.45 3.63 0.00	59.00 4.64 1.93	81.57 5.25 -15.56	100.06 8.52 5.06	113.19 8.12 -20.13	120.58 10.29 -1.35	137.88 8.53 -41.62	433.78 31.80 -68.19	111.10 3.44 -69.38	127.28 2.85 -92.07	221.71 2.78 -187.23	56.41 2.37 -25.33	42.83 1.79 -18.75	38.11 2.40 -3.83
BAYONEEC___CTG3 323684	42.64 2.42 0.29	39.87 2.17 1.10	35.54 2.06 -0.03	33.35 1.86 -0.05	35.05 1.69 -3.28	40.81 1.76 0.00	50.60 2.14 -0.37	43.85 2.38 0.00	43.85 2.89 0.00	41.43 3.14 0.10	47.45 3.63 0.00	59.00 4.64 1.93	81.57 5.25 -15.56	100.06 8.52 5.06	113.19 8.12 -20.13	120.58 10.29 -1.35	137.88 8.53 -41.62	433.78 31.80 -68.19	111.10 3.44 -69.38	127.28 2.85 -92.07	221.71 2.78 -187.23	56.41 2.37 -25.33	42.83 1.79 -18.75	38.11 2.40 -3.83
BAYONEEC___CTG4 323685	42.64 2.42 0.29	39.87 2.17 1.10	35.54 2.06 -0.03	33.35 1.86 -0.05	35.05 1.69 -3.28	40.81 1.76 0.00	50.60 2.14 -0.37	43.85 2.38 0.00	43.85 2.89 0.00	41.43 3.14 0.10	47.45 3.63 0.00	59.00 4.64 1.93	81.57 5.25 -15.56	100.06 8.52 5.06	113.19 8.12 -20.13	120.58 10.29 -1.35	137.88 8.53 -41.62	433.78 31.80 -68.19	111.10 3.44 -69.38	127.28 2.85 -92.07	221.71 2.78 -187.23	56.41 2.37 -25.33	42.83 1.79 -18.75	38.11 2.40 -3.83
BAYONEEC___CTG5 323686	42.64 2.42 0.29	39.87 2.17 1.10	35.54 2.06 -0.03	33.35 1.86 -0.05	35.05 1.69 -3.28	40.81 1.76 0.00	50.60 2.14 -0.37	43.85 2.38 0.00	43.85 2.89 0.00	41.43 3.14 0.10	47.45 3.63 0.00	59.00 4.64 1.93	81.57 5.25 -15.56	100.06 8.52 5.06	113.19 8.12 -20.13	120.58 10.29 -1.35	137.88 8.53 -41.62	433.78 31.80 -68.19	111.10 3.44 -69.38	127.28 2.85 -92.07	221.71 2.78 -187.23	56.41 2.37 -25.33	42.83 1.79 -18.75	38.11 2.40 -3.83
BAYONEEC___CTG6 323687	42.64 2.42 0.29	39.87 2.17 1.10	35.54 2.06 -0.03	33.35 1.86 -0.05	35.05 1.69 -3.28	40.81 1.76 0.00	50.60 2.14 -0.37	43.85 2.38 0.00	43.85 2.89 0.00	41.43 3.14 0.10	47.45 3.63 0.00	59.00 4.64 1.93	81.57 5.25 -15.56	100.06 8.52 5.06	113.19 8.12 -20.13	120.58 10.29 -1.35	137.88 8.53 -41.62	433.78 31.80 -68.19	111.10 3.44 -69.38	127.28 2.85 -92.07	221.71 2.78 -187.23	56.41 2.37 -25.33	42.83 1.79 -18.75	38.11 2.40 -3.83
BAYONEEC___CTG7 323688	42.64 2.42 0.29	39.87 2.17 1.10	35.54 2.06 -0.03	33.35 1.86 -0.05	35.05 1.69 -3.28	40.81 1.76 0.00	50.60 2.14 -0.37	43.85 2.38 0.00	43.85 2.89 0.00	41.43 3.14 0.10	47.45 3.63 0.00	59.00 4.64 1.93	81.57 5.25 -15.56	100.06 8.52 5.06	113.19 8.12 -20.13	120.58 10.29 -1.35	137.88 8.53 -41.62	433.78 31.80 -68.19	111.10 3.44 -69.38	127.28 2.85 -92.07	221.71 2.78 -187.23	56.41 2.37 -25.33	42.83 1.79 -18.75	38.11 2.40 -3.83
BAYONEEC___CTG8 323689	42.64 2.42 0.29	39.87 2.17 1.10	35.54 2.06 -0.03	33.35 1.86 -0.05	35.05 1.69 -3.28	40.81 1.76 0.00	50.60 2.14 -0.37	43.85 2.38 0.00	43.85 2.89 0.00	41.43 3.14 0.10	47.45 3.63 0.00	59.00 4.64 1.93	81.57 5.25 -15.56	100.06 8.52 5.06	113.19 8.12 -20.13	120.58 10.29 -1.35	137.88 8.53 -41.62	433.78 31.80 -68.19	111.10 3.44 -69.38	127.28 2.85 -92.07	221.71 2.78 -187.23	56.41 2.37 -25.33	42.83 1.79 -18.75	38.11 2.40 -3.83

BAYONEEC___CTG9 323749	42.64 2.42 0.29	39.87 2.17 1.10	35.54 2.06 -0.03	33.35 1.86 -0.05	35.05 1.69 -3.28	40.81 1.76 0.00	50.60 2.14 -0.37	43.85 2.38 0.00	43.85 2.89 0.00	41.43 3.14 0.10	47.45 3.63 0.00	59.00 4.64 1.93	81.57 5.25 -15.56	100.06 8.52 5.06	113.19 8.12 -20.13	120.58 10.29 -1.35	137.88 8.53 -41.62	433.78 31.80 -68.19	111.10 3.44 -69.38	127.28 2.85 -92.07	221.71 2.78 -187.23	56.41 2.37 -25.33	42.83 1.79 -18.75	38.11 2.40 -3.83
BEACON___LESR 323632	41.80 1.29 0.00	39.87 1.07 0.00	34.38 0.96 0.03	32.27 0.86 0.05	31.69 0.85 -0.75	39.99 0.93 0.00	49.01 1.33 0.41	42.82 1.35 0.00	42.41 1.45 0.00	39.69 1.31 0.00	45.18 1.36 0.00	58.01 1.72 0.00	80.01 2.09 -17.17	99.82 3.23 0.00	94.75 3.47 -6.35	124.39 4.23 -11.23	114.37 3.93 -22.72	527.03 15.30 -177.95	178.31 1.67 -138.36	98.48 1.49 -64.62	191.02 1.37 -157.94	34.98 0.74 -5.53	26.81 0.44 -4.09	33.34 0.61 -0.83
BEAVER RIVER___HYD 24048	39.61 -0.90 0.00	37.85 -0.96 0.00	32.92 -0.53 0.00	31.18 -0.27 0.00	29.85 -0.23 0.00	39.15 0.10 0.00	48.01 -0.08 0.00	41.67 0.21 0.00	41.26 0.30 0.00	38.60 0.22 0.00	44.00 0.18 0.00	56.76 0.47 0.00	61.33 0.57 0.00	96.36 -0.24 0.00	84.90 -0.04 0.00	106.93 -2.01 0.00	85.67 -2.06 0.00	331.15 -2.64 0.00	38.50 0.22 0.00	32.69 0.32 0.00	31.45 -0.26 0.00	28.92 0.21 0.00	22.65 0.37 0.00	32.29 0.40 0.00
BEEBEE_GT_13 23619	40.90 0.39 0.00	39.02 0.22 0.00	33.43 -0.02 0.00	31.43 -0.02 0.00	30.17 0.09 0.00	39.62 0.57 0.00	49.39 1.31 0.00	42.80 1.34 0.00	42.33 1.37 0.00	39.76 1.38 0.00	45.46 1.64 0.00	58.12 1.83 0.00	62.12 1.37 0.00	99.86 3.27 0.00	86.99 2.06 0.00	111.01 2.07 0.00	88.76 1.03 0.00	344.24 1.53 -8.92	45.31 0.22 -6.82	34.54 0.34 -1.84	38.47 0.45 -6.31	29.31 0.59 0.00	22.75 0.47 0.00	32.41 0.52 0.00
BENSHRST_27_KV_BENSHRST_1 355998	47.38 2.95 -3.92	41.65 2.68 -0.17	36.13 2.47 -0.20	33.75 2.25 -0.05	35.42 2.06 -3.28	41.31 2.26 0.00	51.26 2.79 -0.38	44.46 2.99 0.00	44.47 3.51 -23.38	65.56 3.79 0.00	48.12 4.30 0.00	92.86 5.56 -31.02	158.82 6.31 -91.75	107.17 9.61 -0.97	121.55 9.10 -27.52	169.16 11.51 -48.71	196.32 9.70 -98.89	451.66 36.12 -81.76	113.43 3.85 -71.31	153.36 3.23 -117.76	259.12 3.15 -224.26	88.51 2.72 -57.08	50.66 2.08 -26.29	43.61 2.79 -8.93
BETHLEHEM___GRP 23843	41.31 0.80 0.00	39.43 0.63 0.00	33.97 0.55 0.03	31.91 0.51 0.05	31.29 0.46 -0.75	39.47 0.42 0.00	48.34 0.65 0.39	42.17 0.70 0.00	41.75 0.79 0.00	39.04 0.66 0.00	44.46 0.64 0.00	57.05 0.76 0.00	78.87 1.02 -17.10	98.16 1.56 0.00	93.10 1.85 -6.32	122.28 2.17 -11.18	112.50 2.15 -22.62	518.43 8.68 -175.96	176.10 0.99 -136.83	97.32 0.88 -64.07	188.91 0.81 -156.40	34.80 0.58 -5.51	26.73 0.36 -4.08	33.17 0.45 -0.83
BETHLEHEM___GS1 323560	41.31 0.80 0.00	39.43 0.63 0.00	33.97 0.55 0.03	31.91 0.51 0.05	31.29 0.46 -0.75	39.47 0.42 0.00	48.35 0.65 0.39	42.17 0.70 0.00	41.75 0.79 0.00	39.04 0.66 0.00	44.46 0.64 0.00	57.05 0.77 0.00	78.86 1.01 -17.10	98.16 1.56 0.00	93.11 1.85 -6.32	122.28 2.16 -11.18	112.50 2.15 -22.62	518.42 8.68 -175.96	176.10 0.99 -136.83	97.32 0.88 -64.07	188.91 0.81 -156.40	34.80 0.58 -5.51	26.72 0.35 -4.08	33.17 0.45 -0.83
BETHLEHEM___GS2 323561	41.31 0.80 0.00	39.43 0.63 0.00	33.97 0.55 0.03	31.91 0.51 0.05	31.29 0.46 -0.75	39.47 0.42 0.00	48.35 0.65 0.39	42.17 0.70 0.00	41.75 0.79 0.00	39.04 0.66 0.00	44.46 0.64 0.00	57.05 0.77 0.00	78.86 1.01 -17.10	98.16 1.56 0.00	93.11 1.85 -6.32	122.28 2.16 -11.18	112.50 2.15 -22.62	518.42 8.68 -175.96	176.10 0.99 -136.83	97.32 0.88 -64.07	188.91 0.81 -156.40	34.80 0.58 -5.51	26.72 0.35 -4.08	33.17 0.45 -0.83
BETHLEHEM___GS3 323562	41.31 0.80 0.00	39.43 0.63 0.00	33.97 0.55 0.03	31.91 0.51 0.05	31.29 0.46 -0.75	39.47 0.42 0.00	48.35 0.65 0.39	42.17 0.70 0.00	41.75 0.79 0.00	39.04 0.66 0.00	44.46 0.64 0.00	57.05 0.77 0.00	78.86 1.01 -17.10	98.16 1.56 0.00	93.11 1.85 -6.32	122.28 2.16 -11.18	112.50 2.15 -22.62	518.42 8.68 -175.96	176.10 0.99 -136.83	97.32 0.88 -64.07	188.91 0.81 -156.40	34.80 0.58 -5.51	26.72 0.35 -4.08	33.17 0.45 -0.83
BETHLEHEM___STEEL 23779	40.20 -0.32 0.00	38.37 -0.43 0.00	32.85 -0.60 0.00	30.96 -0.50 0.00	29.79 -0.30 0.00	39.33 0.28 0.00	49.17 1.09 0.00	42.53 1.07 0.00	42.05 1.09 0.00	39.65 1.27 0.00	45.34 1.52 0.00	57.87 1.59 0.00	61.49 0.74 0.00	99.43 2.83 0.00	86.38 1.44 0.00	109.76 0.83 0.00	87.11 -0.63 0.00	340.94 -5.76 -12.92	47.49 -0.63 -9.84	34.75 -0.27 -2.65	40.75 -0.06 -9.11	28.95 0.24 0.00	22.52 0.24 0.00	32.21 0.32 0.00
BETHLHEM_115KV_TB1 79974	41.42 0.91 0.00	39.54 0.74 0.00	34.07 0.64 0.03	32.01 0.60 0.05	31.37 0.54 -0.75	39.58 0.52 0.00	48.50 0.78 0.37	42.28 0.82 0.00	41.87 0.91 0.00	39.15 0.77 0.00	44.59 0.77 0.00	57.22 0.93 0.00	78.99 1.20 -17.04	98.42 1.83 0.00	93.30 2.06 -6.30	122.53 2.45 -11.14	112.64 2.37 -22.54	514.74 9.42 -171.53	172.78 1.08 -133.43	96.38 0.97 -63.05	185.74 0.89 -153.15	34.87 0.66 -5.50	26.78 0.43 -4.07	33.25 0.53 -0.83
BETHPAGE_CC_5 323564	43.58 3.07 0.00	41.70 2.90 0.00	36.05 2.58 -0.03	33.79 2.29 -0.05	35.47 2.13 -3.26	41.17 2.12 0.00	50.61 2.15 -0.38	43.64 2.18 0.00	43.55 2.59 0.00	41.60 3.22 0.00	47.76 3.76 -0.17	62.46 4.56 -1.62	143.23 5.20 -77.28	107.33 8.75 -1.98	142.91 8.75 -49.23	167.83 10.57 -48.32	194.82 8.99 -98.10	449.30 33.73 -81.79	115.06 3.57 -73.21	166.40 2.85 -131.18	229.56 2.66 -195.20	59.30 2.57 -28.02	45.31 2.01 -21.02	38.63 2.56 -4.18
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	40.29 -0.23 0.00	38.45 -0.35 0.00	32.92 -0.53 0.00	31.02 -0.43 0.00	29.86 -0.23 0.00	39.42 0.37 0.00	49.29 1.20 0.00	42.65 1.18 0.00	42.18 1.22 0.00	39.75 1.37 0.00	45.47 1.65 0.00	58.02 1.74 0.00	61.70 0.95 0.00	99.75 3.15 0.00	86.69 1.75 0.00	110.16 1.22 0.00	87.47 -0.27 0.00	342.45 -4.44 -13.11	47.76 -0.50 -9.99	34.90 -0.16 -2.69	41.00 0.05 -9.24	29.03 0.32 0.00	22.58 0.30 0.00	32.27 0.39 0.00
BINGHAMTON___COGEN 23790	40.99 0.47 0.00	39.14 0.34 0.00	33.76 0.30 0.00	31.81 0.36 0.00	30.48 0.40 0.00	39.74 0.69 0.00	49.20 1.11 0.00	42.55 1.08 0.00	42.14 1.18 0.00	39.58 1.20 0.00	45.06 1.24 0.00	57.86 1.58 0.00	62.25 1.49 0.00	99.39 2.79 0.00	87.45 2.51 0.00	111.68 2.75 0.00	89.88 2.15 0.00	368.65 7.65 -27.21	59.85 0.78 -20.80	38.70 0.73 -5.60	51.62 0.68 -19.24	29.34 0.63 0.00	22.76 0.48 0.00	32.42 0.54 0.00
BIXINCNT_115KV_LOAD 355685	39.97 -0.55 0.00	38.41 -0.39 0.00	33.07 -0.38 0.00	31.22 -0.23 0.00	30.02 -0.06 0.00	39.64 0.58 0.00	49.59 1.51 0.00	42.93 1.46 0.00	42.51 1.55 0.00	39.95 1.57 0.00	45.51 1.69 0.00	58.06 1.78 0.00	61.78 1.02 0.00	99.74 3.14 0.00	86.63 1.69 0.00	110.03 1.10 0.00	87.77 0.03 0.00	344.90 -2.86 -13.97	48.43 -0.50 -10.66	35.12 -0.12 -2.87	41.70 0.13 -9.86	29.08 0.37 0.00	22.62 0.34 0.00	32.23 0.35 0.00

BLACK RIVER___HYD 24047	40.21 -0.31 0.00	38.31 -0.48 0.00	33.39 -0.07 0.00	31.53 0.08 0.00	30.27 0.18 0.00	39.82 0.77 0.00	48.98 0.89 0.00	42.61 1.15 0.00	42.27 1.31 0.00	39.67 1.29 0.00	45.10 1.28 0.00	58.26 1.97 0.00	62.82 2.06 0.00	98.23 1.63 0.00	86.51 1.58 0.00	108.47 -0.47 0.00	86.90 -0.84 0.00	336.61 2.82 0.00	39.38 1.10 0.00	33.49 1.12 0.00	32.19 0.48 0.00	29.58 0.86 0.00	23.16 0.87 0.00	32.83 0.94 0.00
BLACKRVR_115KV_TB2 79977	40.21 -0.31 0.00	38.31 -0.48 0.00	33.39 -0.07 0.00	31.53 0.08 0.00	30.27 0.19 0.00	39.82 0.77 0.00	48.97 0.89 0.00	42.61 1.15 0.00	42.27 1.31 0.00	39.67 1.29 0.00	45.10 1.28 0.00	58.26 1.97 0.00	62.81 2.06 0.00	98.23 1.64 0.00	86.51 1.57 0.00	108.47 -0.47 0.00	86.89 -0.84 0.00	336.55 2.77 0.00	39.38 1.10 0.00	33.49 1.13 0.00	32.19 0.49 0.00	29.57 0.86 0.00	23.15 0.88 0.00	32.83 0.94 0.00
BLISS_WT_PWR 323608	39.90 -0.62 0.00	38.41 -0.39 0.00	33.10 -0.35 0.00	31.25 -0.20 0.00	30.05 -0.03 0.00	39.68 0.63 0.00	49.65 1.57 0.00	42.98 1.51 0.00	42.56 1.60 0.00	39.97 1.59 0.00	45.52 1.69 0.00	58.08 1.79 0.00	61.84 1.08 0.00	99.82 3.23 0.00	86.68 1.73 0.00	110.14 1.21 0.00	87.89 0.16 0.00	345.21 -2.54 -13.97	48.43 -0.50 -10.66	35.14 -0.10 -2.87	41.75 0.18 -9.86	29.11 0.40 0.00	22.67 0.39 0.00	32.21 0.33 0.00
BLUESTONE___WT_PWR 323821	42.94 2.42 0.00	41.02 2.22 0.00	35.40 1.94 0.00	33.28 1.83 0.00	31.90 1.82 0.00	41.62 2.57 0.00	51.66 3.58 0.00	44.73 3.27 0.00	43.74 2.78 0.00	41.12 2.74 0.00	46.90 3.08 0.00	60.16 3.88 0.00	65.01 4.26 0.00	103.66 7.07 0.00	91.41 6.47 0.00	117.13 8.20 0.00	95.12 7.40 0.00	401.23 29.26 -38.18	70.66 3.20 -29.19	42.82 2.59 -7.86	61.25 2.48 -27.06	30.89 2.17 0.00	23.82 1.54 0.00	33.82 1.94 0.00
BLUE_CIRC_CHEM_DRP 24182	41.30 0.78 0.00	39.44 0.64 0.00	33.98 0.54 0.02	31.94 0.53 0.03	31.25 0.47 -0.69	39.50 0.45 0.00	48.53 0.72 0.27	42.19 0.72 0.00	41.70 0.73 0.00	38.86 0.48 0.00	44.14 0.32 0.00	56.66 0.37 0.00	77.17 0.58 -15.84	97.38 0.78 0.00	91.95 1.16 -5.85	120.62 1.33 -10.35	110.16 1.54 -20.89	491.83 6.65 -151.39	156.89 0.77 -117.85	89.88 0.73 -56.78	169.18 0.67 -136.81	34.33 0.44 -5.17	26.39 0.28 -3.83	33.04 0.38 -0.78
BOC_GAS_DRP 24189	41.66 1.14 0.00	39.76 0.96 0.00	34.28 0.85 0.02	32.21 0.79 0.03	31.53 0.72 -0.73	39.81 0.76 0.00	48.85 1.04 0.27	42.52 1.06 0.00	42.12 1.16 0.00	39.39 1.01 0.00	44.87 1.05 0.00	57.57 1.29 0.00	78.98 1.52 -16.70	98.94 2.34 0.00	93.56 2.45 -6.17	122.80 2.94 -10.92	112.50 2.67 -22.10	491.02 10.32 -146.91	154.02 1.19 -114.55	90.78 1.08 -57.34	167.79 1.02 -135.07	34.96 0.82 -5.43	26.86 0.56 -4.02	33.43 0.73 -0.82
BOONVILLE_115KV_TB1 79983	41.03 0.52 0.00	39.19 0.39 0.00	33.94 0.49 0.00	31.98 0.53 0.00	30.57 0.49 0.00	39.92 0.87 0.00	49.19 1.11 0.00	42.59 1.12 0.00	42.22 1.26 0.00	39.49 1.11 0.00	45.10 1.28 0.00	58.03 1.74 0.00	62.71 1.96 0.00	99.32 2.72 0.00	87.43 2.49 0.00	111.13 2.19 0.00	89.46 1.74 0.00	343.23 9.44 0.00	39.49 1.21 0.00	33.47 1.10 0.00	32.39 0.68 0.00	29.65 0.94 0.00	23.06 0.78 0.00	32.90 1.02 0.00
BORALEX_4TH_BRANCH 23824	42.89 2.38 0.00	41.02 2.22 0.00	35.29 1.91 0.07	33.17 1.83 0.11	32.65 1.73 -0.83	41.12 2.07 0.00	49.87 2.71 0.93	43.63 2.16 0.00	43.17 2.21 0.00	40.34 1.96 0.00	45.94 2.12 0.00	58.97 2.69 0.00	82.75 3.07 -18.93	101.30 4.71 0.00	96.49 4.56 -6.99	126.55 5.23 -12.38	117.36 4.57 -25.06	562.47 18.89 -209.80	203.60 2.33 -163.00	109.54 2.04 -75.14	218.38 2.06 -184.61	36.75 1.82 -6.23	28.12 1.23 -4.61	34.57 1.74 -0.94
BOWLINE___1 23526	42.36 1.85 0.00	40.38 1.58 0.00	34.94 1.46 -0.03	32.81 1.32 -0.04	26.54 1.14 4.69	40.20 1.15 0.00	49.96 1.52 -0.35	43.29 1.82 0.00	43.19 2.23 0.00	40.83 2.45 0.00	46.67 2.85 0.00	59.92 3.64 0.00	-41.00 4.12 105.88	103.29 6.69 0.00	52.27 6.46 39.12	47.74 8.12 69.32	-46.80 6.76 141.29	437.52 25.19 -78.54	90.09 2.77 -49.05	-83.41 2.38 118.16	-75.84 2.35 109.90	-1.08 1.97 31.76	0.21 1.44 23.51	28.87 1.79 4.80
BOWLINE___2 23595	42.45 1.93 0.00	40.45 1.65 0.00	35.00 1.52 -0.03	32.86 1.37 -0.04	26.59 1.20 4.69	40.28 1.23 0.00	50.05 1.62 -0.35	43.37 1.90 0.00	43.27 2.31 0.00	40.90 2.52 0.00	46.75 2.93 0.00	60.03 3.75 0.00	-41.00 4.23 105.98	103.47 6.87 0.00	52.39 6.61 39.16	47.87 8.31 69.39	-46.78 6.92 141.43	438.15 25.82 -78.55	90.15 2.83 -49.05	-83.43 2.41 118.21	-75.85 2.37 109.92	-1.06 2.00 31.77	0.23 1.47 23.52	28.93 1.84 4.80
BRADY___115KV_TB2 356060	39.67 -0.84 0.00	38.27 -0.53 0.00	32.89 -0.56 0.00	31.00 -0.45 0.00	29.67 -0.41 0.00	38.56 -0.49 0.00	46.90 -1.18 0.00	40.58 -0.89 0.00	39.74 -1.22 0.00	36.72 -1.66 0.00	41.96 -1.86 0.00	54.04 -2.24 0.00	58.34 -2.41 0.00	92.30 -4.30 0.00	80.75 -4.19 0.00	103.96 -4.98 0.00	83.49 -4.24 0.00	319.37 -14.41 0.00	36.95 -1.33 0.00	31.24 -1.13 0.00	30.60 -1.11 0.00	27.70 -1.01 0.00	21.74 -0.54 0.00	31.40 -0.48 0.00
BRANSCOMB___SOLAR 323811	43.20 2.68 0.00	41.15 2.35 0.00	35.36 1.94 0.04	33.21 1.83 0.06	32.57 1.75 -0.74	41.23 2.18 0.00	50.45 2.87 0.50	44.15 2.69 0.00	43.65 2.68 0.00	40.79 2.41 0.00	46.57 2.75 0.00	59.89 3.60 0.00	81.59 4.01 -16.83	103.07 6.47 0.00	97.18 6.03 -6.22	127.38 7.44 -11.00	116.46 6.44 -22.29	612.37 25.53 -253.06	236.97 2.96 -195.74	114.65 2.45 -79.82	245.03 2.40 -210.93	36.25 2.06 -5.48	27.76 1.43 -4.05	34.68 1.97 -0.83
BRENTWOD_69_KV_W. BRTWOOD 56703	44.14 3.62 0.00	42.34 3.54 0.00	36.61 3.14 -0.03	34.27 2.77 -0.05	35.98 2.64 -3.26	41.72 2.66 0.00	51.16 2.69 -0.38	44.10 2.64 0.00	43.91 2.94 0.00	42.03 3.65 0.00	49.74 4.38 -1.53	81.06 4.80 -19.98	182.32 5.43 -116.14	150.27 9.12 -44.55	173.20 9.16 -79.09	184.89 10.91 -65.04	213.53 9.27 -116.53	465.22 34.97 -96.46	139.11 3.72 -97.11	193.65 2.98 -158.31	245.03 2.73 -210.60	63.21 2.72 -31.78	53.90 2.20 -29.42	43.78 3.05 -8.84
BRISTLHL_115KV_TB1 79998	40.36 -0.16 0.00	38.55 -0.24 0.00	33.22 -0.24 0.00	31.23 -0.22 0.00	29.89 -0.19 0.00	38.97 -0.08 0.00	48.28 0.19 0.00	41.73 0.27 0.00	41.30 0.33 0.00	38.77 0.39 0.00	44.25 0.43 0.00	56.73 0.44 0.00	61.01 0.26 0.00	97.27 0.67 0.00	85.38 0.44 0.00	109.20 0.26 0.00	87.85 0.13 0.00	333.54 -0.24 0.00	38.25 -0.03 0.00	32.41 0.04 0.00	31.71 0.00 0.00	28.78 0.07 0.00	22.34 0.05 0.00	31.73 -0.16 0.00
BROOKHAVEN___DRP 24191	44.31 3.79 0.00	42.52 3.72 0.00	36.81 3.33 -0.03	34.37 2.88 -0.05	36.09 2.75 -3.26	41.86 2.81 0.00	51.34 2.88 -0.38	44.29 2.82 0.00	44.20 3.24 0.00	42.31 3.93 0.00	56.15 4.69 -7.63	157.50 5.54 -95.67	343.34 6.05 -276.53	335.34 9.97 -228.77	341.97 9.83 -247.21	297.95 11.38 -177.62	324.02 9.80 -226.49	581.01 36.95 -210.27	312.36 3.90 -270.19	332.77 3.24 -297.16	316.05 3.09 -281.26	87.34 3.13 -55.50	56.41 2.50 -31.62	42.91 3.22 -7.81

BROOKLYN_NAVY_YARD 23515	43.03 2.51 0.00	41.04 2.24 0.00	35.56 2.08 -0.03	33.37 1.88 -0.05	35.06 1.70 -3.28	40.83 1.78 0.00	50.69 2.22 -0.38	43.93 2.46 0.00	43.93 2.96 0.00	41.59 3.21 0.00	47.50 3.68 0.00	61.01 4.73 0.00	140.62 5.38 -74.48	105.32 8.72 0.00	120.76 8.30 -27.52	168.17 10.51 -48.73	195.36 8.71 -98.92	448.02 32.48 -81.76	113.10 3.53 -71.31	167.08 2.91 -131.81	230.70 2.83 -196.16	56.45 2.41 -25.33	42.86 1.83 -18.75	38.15 2.44 -3.83
BROOKLYN___ARMY_DRP 323595	47.03 2.60 -3.92	41.32 2.34 -0.17	35.85 2.19 -0.20	33.50 2.00 -0.05	35.18 1.82 -3.28	41.00 1.95 0.00	50.84 2.37 -0.38	44.10 2.64 0.00	44.09 3.13 0.00	65.18 3.41 -23.38	47.66 3.84 0.00	92.26 4.96 -31.02	158.17 5.66 -91.75	106.10 8.54 -0.97	120.61 8.16 -27.52	167.96 10.31 -48.71	195.34 8.72 -98.89	448.01 32.47 -81.76	113.03 3.45 -71.31	153.01 2.89 -117.76	258.78 2.82 -224.26	88.21 2.43 -57.08	50.44 1.86 -26.29	43.31 2.50 -8.93
BROOKVLE_69_KV_TB1 55790	43.68 3.16 0.00	41.69 2.89 0.00	36.03 2.55 -0.03	33.80 2.30 -0.05	35.46 2.13 -3.26	41.32 2.26 0.00	51.03 2.56 -0.38	44.12 2.66 0.00	44.11 3.15 0.00	41.99 3.61 0.00	48.15 4.17 -0.15	61.52 5.24 0.00	140.57 5.95 -73.87	106.45 9.85 0.00	143.79 9.63 -49.23	169.22 11.95 -48.32	195.82 10.00 -98.09	452.84 37.27 -81.79	115.46 3.97 -73.21	166.79 3.24 -131.18	229.99 3.09 -195.20	61.68 2.81 -30.16	45.74 2.11 -21.36	38.37 2.69 -3.80
BROOME_2_LFGE 323671	40.99 0.47 0.00	39.15 0.35 0.00	33.76 0.30 0.00	31.81 0.36 0.00	30.48 0.40 0.00	39.74 0.69 0.00	49.20 1.11 0.00	42.55 1.08 0.00	42.14 1.18 0.00	39.58 1.20 0.00	45.06 1.24 0.00	57.87 1.58 0.00	62.24 1.49 0.00	99.39 2.79 0.00	87.45 2.51 0.00	111.68 2.74 0.00	89.87 2.14 0.00	368.62 7.63 -27.21	59.85 0.78 -20.80	38.70 0.73 -5.60	51.61 0.67 -19.24	29.33 0.62 0.00	22.76 0.47 0.00	32.42 0.54 0.00
BROOME___LFGE 323600	40.99 0.47 0.00	39.15 0.35 0.00	33.76 0.30 0.00	31.81 0.36 0.00	30.48 0.40 0.00	39.74 0.69 0.00	49.20 1.11 0.00	42.55 1.08 0.00	42.14 1.18 0.00	39.58 1.20 0.00	45.06 1.24 0.00	57.87 1.58 0.00	62.24 1.49 0.00	99.39 2.79 0.00	87.45 2.51 0.00	111.68 2.74 0.00	89.87 2.14 0.00	368.62 7.63 -27.21	59.85 0.78 -20.80	38.70 0.73 -5.60	51.61 0.67 -19.24	29.33 0.62 0.00	22.76 0.47 0.00	32.42 0.54 0.00
BROWNFLS_115KV_TB_3_5 80003	39.12 -1.39 0.00	37.58 -1.22 0.00	32.46 -0.99 0.00	30.70 -0.75 0.00	29.38 -0.70 0.00	38.38 -0.67 0.00	46.84 -1.25 0.00	40.67 -0.80 0.00	40.10 -0.86 0.00	37.26 -1.12 0.00	42.52 -1.30 0.00	54.84 -1.45 0.00	59.23 -1.53 0.00	93.24 -3.36 0.00	81.90 -3.03 0.00	104.17 -4.76 0.00	83.55 -4.18 0.00	321.56 -12.22 0.00	37.28 -1.00 0.00	31.59 -0.77 0.00	30.61 -1.10 0.00	28.00 -0.71 0.00	21.97 -0.31 0.00	31.50 -0.39 0.00
BROWNSV1_27_KV_LOAD 356125	43.68 3.16 0.00	41.65 2.85 0.00	36.07 2.59 -0.03	33.85 2.35 -0.05	35.52 2.16 -3.28	41.46 2.41 0.00	51.47 3.00 -0.38	44.61 3.14 0.00	44.62 3.66 0.00	42.29 3.91 0.00	48.35 4.53 0.00	62.10 5.82 0.00	141.79 6.55 -74.48	107.18 10.58 0.00	122.41 9.94 -27.52	170.29 12.63 -48.73	197.04 10.39 -98.92	454.39 38.85 -81.76	113.81 4.23 -71.31	167.69 3.51 -131.81	231.29 3.43 -196.16	57.01 2.96 -25.33	43.27 2.23 -18.75	38.68 2.96 -3.83
BURROWS___LYONSDAL 23803	40.70 0.18 0.00	38.86 0.06 0.00	33.72 0.27 0.00	31.79 0.34 0.00	30.39 0.31 0.00	39.74 0.69 0.00	48.89 0.81 0.00	42.40 0.93 0.00	42.21 1.25 0.00	39.34 0.96 0.00	44.86 1.03 0.00	57.76 1.47 0.00	62.43 1.68 0.00	98.69 2.09 0.00	86.93 1.99 0.00	110.29 1.35 0.00	88.70 0.97 0.00	340.89 7.11 0.00	39.31 1.04 0.00	33.34 0.97 0.00	32.14 0.44 0.00	29.49 0.78 0.00	22.97 0.69 0.00	32.77 0.89 0.00
CAITHNESS_CC_1 323624	44.11 3.59 0.00	42.33 3.52 0.00	36.65 3.17 -0.03	34.23 2.73 -0.05	35.95 2.61 -3.26	41.68 2.63 0.00	51.11 2.64 -0.38	44.10 2.63 0.00	43.98 3.02 0.00	42.11 3.72 0.00	55.79 4.45 -7.52	156.58 5.22 -95.08	341.74 5.73 -275.25	332.15 9.47 -226.09	337.25 9.38 -242.93	294.26 10.91 -174.41	320.72 9.39 -223.60	575.87 35.38 -206.71	306.98 3.74 -264.97	329.20 3.08 -293.75	313.80 2.89 -279.21	86.65 2.95 -54.99	56.19 2.35 -31.56	42.72 3.04 -7.79
CALPINE BETH_PAGE_GT4 24209	43.56 3.04 0.00	41.66 2.86 0.00	36.00 2.53 -0.03	33.74 2.24 -0.05	35.42 2.09 -3.26	41.14 2.08 0.00	50.58 2.11 -0.38	43.54 2.07 0.00	43.48 2.52 0.00	41.53 3.14 0.00	47.68 3.69 -0.17	61.99 4.50 -1.21	142.30 5.14 -76.41	106.69 8.62 -1.47	142.83 8.66 -49.23	167.74 10.48 -48.32	194.74 8.91 -98.09	449.01 33.44 -81.79	115.02 3.53 -73.21	166.37 2.83 -131.18	229.54 2.64 -195.20	59.98 2.54 -28.73	45.53 1.98 -21.26	38.46 2.50 -4.08
CALPINE_BETH_PAGE_GT_4 323586	43.55 3.04 0.00	41.66 2.86 0.00	36.00 2.53 -0.03	33.74 2.24 -0.05	35.42 2.09 -3.26	41.14 2.08 0.00	50.57 2.11 -0.38	43.55 2.08 0.00	43.48 2.52 0.00	41.53 3.15 0.00	47.68 3.68 -0.17	61.99 4.50 -1.21	142.30 5.14 -76.41	106.71 8.64 -1.47	142.82 8.65 -49.23	167.77 10.51 -48.32	194.74 8.91 -98.10	449.05 33.48 -81.79	115.02 3.53 -73.21	166.37 2.82 -131.18	229.54 2.64 -195.20	59.98 2.55 -28.73	45.51 1.96 -21.26	38.46 2.50 -4.08
CALPINE_BP_GT1 23823	43.55 3.04 0.00	41.66 2.86 0.00	36.00 2.53 -0.03	33.74 2.24 -0.05	35.42 2.09 -3.26	41.14 2.08 0.00	50.57 2.11 -0.38	43.55 2.08 0.00	43.48 2.52 0.00	41.53 3.15 0.00	47.68 3.68 -0.17	61.99 4.50 -1.21	142.30 5.14 -76.41	106.71 8.64 -1.47	142.82 8.65 -49.23	167.77 10.51 -48.32	194.74 8.91 -98.10	449.05 33.48 -81.79	115.02 3.53 -73.21	166.37 2.82 -131.18	229.54 2.64 -195.20	59.98 2.55 -28.73	45.51 1.96 -21.26	38.46 2.50 -4.08
CALSPAN___DRP 24200	40.20 -0.32 0.00	38.37 -0.43 0.00	32.85 -0.60 0.00	30.96 -0.50 0.00	29.79 -0.30 0.00	39.33 0.28 0.00	49.17 1.09 0.00	42.53 1.07 0.00	42.05 1.09 0.00	39.65 1.27 0.00	45.34 1.52 0.00	57.87 1.59 0.00	61.49 0.74 0.00	99.43 2.83 0.00	86.38 1.44 0.00	109.76 0.83 0.00	87.11 -0.63 0.00	340.94 -5.76 -12.92	47.49 -0.63 -9.84	34.75 -0.27 -2.65	40.75 -0.06 -9.11	28.95 0.24 0.00	22.52 0.24 0.00	32.21 0.32 0.00
CALVERTON___SOLAR 323806	44.58 4.06 0.00	42.77 3.97 0.00	37.01 3.53 -0.03	34.56 3.06 -0.05	36.27 2.93 -3.26	42.10 3.05 0.00	51.64 3.18 -0.38	44.56 3.10 0.00	44.47 3.51 0.00	42.59 4.21 0.00	56.51 5.01 -7.68	158.19 5.97 -95.92	344.30 6.47 -277.07	337.07 10.65 -229.82	344.18 10.42 -248.82	299.82 12.06 -178.82	325.72 10.40 -227.59	584.68 39.33 -211.57	314.53 4.15 -272.11	334.25 3.48 -298.39	316.83 3.34 -281.79	87.76 3.36 -55.70	56.59 2.66 -31.65	43.15 3.45 -7.81
CANDIGU_WT_PWR 323617	40.01 -0.50 0.00	38.05 -0.76 0.00	32.92 -0.53 0.00	31.28 -0.17 0.00	30.10 0.01 0.00	39.49 0.44 0.00	48.79 0.70 0.00	42.43 0.97 0.00	42.03 1.06 0.00	39.75 1.37 0.00	45.12 1.29 0.00	57.67 1.38 0.00	61.55 0.79 0.00	98.91 2.32 0.00	86.68 1.74 0.00	110.28 1.34 0.00	87.35 -0.38 0.00	347.74 -3.60 -17.56	51.44 -0.26 -13.42	36.24 0.26 -3.61	44.40 0.28 -12.42	29.15 0.44 0.00	22.66 0.38 0.00	32.26 0.37 0.00

CARR STREET_E__SYR 24060	40.44 -0.08 0.00	38.62 -0.18 0.00	33.27 -0.19 0.00	31.27 -0.18 0.00	29.94 -0.15 0.00	39.03 -0.03 0.00	48.34 0.25 0.00	41.78 0.32 0.00	41.36 0.40 0.00	38.83 0.45 0.00	44.33 0.51 0.00	56.93 0.64 0.00	61.27 0.52 0.00	97.77 1.17 0.00	85.87 0.93 0.00	109.84 0.90 0.00	88.38 0.65 0.00	335.54 1.75 0.00	38.41 0.13 0.00	32.51 0.14 0.00	31.81 0.10 0.00	28.87 0.15 0.00	22.39 0.11 0.00	31.82 -0.07 0.00
CARTHAGE__PAPER 23857	39.57 -0.95 0.00	37.74 -1.06 0.00	32.89 -0.56 0.00	31.45 -0.01 0.00	30.18 0.10 0.00	39.64 0.59 0.00	48.67 0.59 0.00	42.31 0.84 0.00	41.87 0.91 0.00	39.19 0.81 0.00	44.66 0.83 0.00	57.64 1.35 0.00	62.22 1.47 0.00	97.48 0.88 0.00	85.74 0.80 0.00	106.93 -2.01 0.00	85.23 -2.50 0.00	331.03 -2.76 0.00	38.66 0.39 0.00	32.91 0.54 0.00	31.93 0.23 0.00	29.34 0.63 0.00	22.97 0.69 0.00	32.67 0.78 0.00
CASSADAGA_WT_PWR 323784	41.02 0.50 0.00	39.11 0.31 0.00	33.45 0.00 0.00	31.60 0.15 0.00	30.39 0.31 0.00	40.14 1.09 0.00	50.38 2.29 0.00	43.40 1.94 0.00	42.88 1.91 0.00	40.36 1.98 0.00	46.03 2.21 0.00	58.96 2.68 0.00	62.95 2.19 0.00	101.81 5.21 0.00	88.08 3.14 0.00	111.57 2.63 0.00	88.74 1.01 0.00	347.63 0.08 -13.76	48.59 -0.19 -10.50	35.32 0.12 -2.83	41.71 0.29 -9.72	29.44 0.73 0.00	22.99 0.71 0.00	32.78 0.89 0.00
CE_DUNWOOD__DRP 24194	42.80 2.28 0.00	40.81 2.01 0.00	35.31 1.83 -0.03	33.16 1.67 -0.05	35.07 1.50 -3.49	40.64 1.59 0.00	50.46 2.00 -0.38	43.68 2.22 0.00	43.60 2.64 0.00	41.24 2.86 0.00	47.16 3.33 0.00	60.53 4.25 0.00	144.72 4.82 -79.15	104.40 7.80 0.00	121.66 7.48 -29.25	170.16 9.45 -51.78	200.74 7.89 -105.12	444.76 29.44 -81.54	113.17 3.21 -71.68	173.51 2.69 -138.46	241.53 2.63 -207.19	58.52 2.25 -27.56	44.37 1.68 -20.40	38.21 2.16 -4.17
CE_MILLWOOD__DRP 24193	42.69 2.18 0.00	40.72 1.91 0.00	35.23 1.75 -0.03	33.07 1.58 -0.05	35.14 1.41 -3.64	40.54 1.49 0.00	50.36 1.89 -0.37	43.58 2.11 0.00	43.48 2.52 0.00	41.13 2.74 0.00	47.02 3.20 0.00	60.34 4.06 0.00	148.00 4.62 -82.62	104.07 7.47 0.00	122.65 7.18 -30.53	172.05 9.06 -54.05	205.05 7.57 -109.75	443.11 28.19 -81.13	133.28 3.09 -91.91	425.44 2.59 -390.48	732.45 2.54 -698.21	160.36 2.17 -129.48	119.76 1.62 -95.86	53.51 2.06 -19.57
CE_NYC2_DRP 24202	42.94 2.42 0.00	40.96 2.16 0.00	35.50 2.02 -0.03	33.33 1.84 -0.05	35.07 1.71 -3.28	40.89 1.83 0.00	50.66 2.19 -0.38	43.86 2.40 0.00	43.87 2.91 0.00	41.56 3.18 0.00	47.43 3.61 0.00	60.90 4.62 0.00	140.50 5.28 -74.46	104.94 8.34 0.00	120.44 7.98 -27.52	167.70 10.05 -48.71	195.07 8.45 -98.89	447.02 31.48 -81.76	112.94 3.36 -71.31	151.88 2.77 -116.75	161.56 2.69 -127.16	39.22 2.34 -8.17	38.73 1.77 -14.67	38.10 2.38 -3.83
CE_NYC_DRP 24195	43.06 2.55 0.00	41.08 2.29 0.00	35.60 2.12 -0.03	33.41 1.91 -0.05	35.10 1.74 -3.28	40.90 1.85 0.00	50.75 2.29 -0.38	43.97 2.51 0.00	43.98 3.02 0.00	41.67 3.29 0.00	47.62 3.80 0.00	61.14 4.86 0.00	140.75 5.50 -74.49	105.49 8.88 0.00	120.92 8.45 -27.52	168.37 10.70 -48.73	195.54 8.89 -98.92	448.69 33.15 -81.76	113.15 3.58 -71.31	167.14 2.96 -131.81	230.76 2.89 -196.17	56.52 2.48 -25.33	42.90 1.86 -18.75	38.19 2.47 -3.83
CHAFFEE__LFGE 323603	40.17 -0.35 0.00	38.35 -0.45 0.00	32.81 -0.64 0.00	30.93 -0.52 0.00	29.74 -0.35 0.00	39.28 0.23 0.00	49.11 1.03 0.00	42.46 1.00 0.00	41.99 1.03 0.00	39.62 1.24 0.00	45.33 1.50 0.00	57.78 1.49 0.00	61.47 0.72 0.00	99.43 2.84 0.00	86.38 1.45 0.00	109.79 0.86 0.00	87.19 -0.54 0.00	342.11 -5.12 -13.44	47.99 -0.53 -10.25	34.93 -0.19 -2.76	41.23 0.04 -9.48	28.99 0.28 0.00	22.57 0.29 0.00	32.19 0.30 0.00
CHATEAUG_35_KV_LOAD 355732	39.40 -1.11 0.00	37.98 -0.82 0.00	32.72 -0.73 0.00	30.90 -0.55 0.00	29.60 -0.48 0.00	38.35 -0.71 0.00	46.95 -1.14 0.00	40.36 -1.11 0.00	39.76 -1.20 0.00	37.02 -1.36 0.00	42.14 -1.68 0.00	54.23 -2.05 0.00	58.86 -1.90 0.00	93.63 -2.96 0.00	81.68 -3.25 0.00	105.91 -3.03 0.00	85.29 -2.44 0.00	325.56 -8.22 0.00	37.35 -0.92 0.00	31.55 -0.82 0.00	30.93 -0.78 0.00	27.90 -0.81 0.00	21.42 -0.86 0.00	31.11 -0.78 0.00
CHATEAUG_WT_PWR 323614	39.35 -1.17 0.00	37.95 -0.85 0.00	32.69 -0.76 0.00	30.84 -0.61 0.00	29.58 -0.50 0.00	38.32 -0.73 0.00	46.92 -1.16 0.00	40.33 -1.14 0.00	39.76 -1.20 0.00	37.02 -1.36 0.00	42.12 -1.70 0.00	54.19 -2.09 0.00	58.80 -1.95 0.00	93.68 -2.92 0.00	81.61 -3.32 0.00	105.79 -3.15 0.00	85.23 -2.50 0.00	325.31 -8.47 0.00	37.31 -0.96 0.00	31.50 -0.86 0.00	30.86 -0.84 0.00	27.85 -0.86 0.00	21.36 -0.92 0.00	31.02 -0.87 0.00
CHAT_HIGH_FALL_HYD 323578	39.40 -1.12 0.00	37.98 -0.82 0.00	32.72 -0.73 0.00	30.90 -0.55 0.00	29.60 -0.48 0.00	38.35 -0.71 0.00	46.95 -1.14 0.00	40.36 -1.11 0.00	39.76 -1.20 0.00	37.02 -1.36 0.00	42.14 -1.69 0.00	54.24 -2.05 0.00	58.86 -1.90 0.00	93.64 -2.96 0.00	81.68 -3.25 0.00	105.90 -3.04 0.00	85.29 -2.44 0.00	325.56 -8.22 0.00	37.35 -0.92 0.00	31.55 -0.82 0.00	30.93 -0.78 0.00	27.90 -0.81 0.00	21.41 -0.87 0.00	31.11 -0.78 0.00
CHAUTAUQUA__LFGE 323629	40.65 0.14 0.00	38.77 -0.03 0.00	33.23 -0.22 0.00	31.39 -0.06 0.00	30.18 0.10 0.00	39.86 0.81 0.00	49.88 1.79 0.00	43.02 1.55 0.00	42.58 1.62 0.00	40.13 1.75 0.00	45.74 1.92 0.00	58.57 2.29 0.00	62.43 1.67 0.00	100.85 4.25 0.00	87.68 2.74 0.00	111.17 2.24 0.00	88.37 0.64 0.00	346.80 -0.42 -13.43	48.34 -0.18 -10.25	35.21 0.08 -2.76	41.41 0.22 -9.49	29.28 0.56 0.00	22.81 0.53 0.00	32.53 0.65 0.00
CHERRYST_13_KV_LD 356241	43.22 2.70 0.00	41.24 2.44 0.00	35.74 2.26 -0.03	33.53 2.03 -0.05	35.22 1.86 -3.28	41.06 2.01 0.00	50.97 2.51 -0.38	44.18 2.72 0.00	44.20 3.24 0.00	41.89 3.51 0.00	47.88 4.06 0.00	61.48 5.20 0.00	141.11 5.87 -74.49	106.08 9.48 0.00	121.43 8.96 -27.52	169.05 11.38 -48.73	196.06 9.41 -98.92	450.59 35.05 -81.76	113.37 3.79 -71.31	167.29 3.11 -131.81	230.91 3.04 -196.17	56.63 2.59 -25.33	42.99 1.95 -18.75	38.31 2.60 -3.83
CHESTROR_138KV_BK263 355645	42.30 1.79 0.00	40.33 1.53 0.00	34.87 1.39 -0.02	32.75 1.26 -0.04	28.37 1.11 2.82	40.21 1.16 0.00	49.94 1.54 -0.31	43.23 1.76 0.00	43.06 2.10 0.00	40.61 2.23 0.00	46.41 2.58 0.00	59.59 3.30 0.00	0.80 3.73 63.69	102.66 6.06 0.00	67.25 5.85 23.53	74.63 7.41 41.71	8.83 6.24 85.14	431.06 23.05 -74.23	89.87 2.57 -49.02	-44.08 2.20 78.64	-28.80 2.10 62.60	8.95 1.79 21.55	7.65 1.33 15.95	30.27 1.64 3.26
CH_MIDHUDSON__DRP 24192	42.71 2.20 0.00	40.70 1.90 0.00	35.15 1.68 -0.02	33.00 1.52 -0.03	32.18 1.37 -0.72	40.53 1.48 0.00	50.26 1.91 -0.25	43.56 2.10 0.00	43.42 2.46 0.00	40.96 2.58 0.00	46.83 3.00 0.00	60.13 3.84 0.00	81.68 4.37 -16.56	103.71 7.11 0.00	97.94 6.88 -6.12	128.52 8.77 -10.81	116.82 7.37 -21.73	445.70 27.45 -84.48	108.42 3.06 -67.09	87.98 2.59 -53.02	132.69 2.53 -98.46	37.66 2.14 -6.81	28.90 1.57 -5.05	34.90 1.98 -1.03

CH_MISC_IPPS 23765	42.86 2.34 0.00	40.84 2.04 0.00	35.27 1.80 -0.02	33.11 1.62 -0.03	31.54 1.46 0.00	40.66 1.61 0.00	50.48 2.11 -0.28	43.76 2.29 0.00	43.64 2.67 0.00	41.20 2.82 0.00	47.12 3.30 0.00	60.51 4.23 0.00	65.49 4.73 0.00	104.36 7.76 0.00	92.41 7.47 0.00	118.48 9.55 0.00	95.69 7.96 0.00	445.70 29.41 -82.50	105.43 3.32 -63.83	65.54 2.82 -30.35	96.37 2.67 -62.00	30.96 2.25 0.00	23.93 1.65 0.00	33.97 2.08 0.00
CH_RES_BVR_FALLS 23983	39.94 -0.58 0.00	38.22 -0.58 0.00	33.08 -0.38 0.00	31.08 -0.37 0.00	29.71 -0.38 0.00	38.62 -0.43 0.00	47.27 -0.82 0.00	40.75 -0.71 0.00	40.23 -0.74 0.00	37.58 -0.80 0.00	42.90 -0.92 0.00	55.16 -1.12 0.00	59.68 -1.07 0.00	94.80 -1.80 0.00	83.32 -1.62 0.00	106.98 -1.96 0.00	86.20 -1.53 0.00	328.59 -5.20 0.00	37.74 -0.53 0.00	31.89 -0.48 0.00	30.99 -0.72 0.00	28.18 -0.53 0.00	21.79 -0.49 0.00	31.39 -0.49 0.00
CH_RES_NIAGARA 23895	39.11 -1.40 0.00	37.35 -1.45 0.00	31.92 -1.53 0.00	30.07 -1.38 0.00	28.94 -1.14 0.00	38.22 -0.83 0.00	47.80 -0.29 0.00	41.31 -0.16 0.00	40.81 -0.15 0.00	38.40 0.02 0.00	44.02 0.20 0.00	56.06 -0.22 0.00	59.05 -1.71 0.00	95.28 -1.32 0.00	82.55 -2.38 0.01	104.81 -4.13 0.00	83.17 -4.55 0.01	324.22 -21.05 -11.49	44.91 -2.30 -8.93	33.19 -1.59 -2.41	38.66 -1.32 -8.27	27.93 -0.78 0.00	21.82 -0.46 0.00	31.29 -0.59 0.00
CH_RES_SYRACUSE 23985	40.60 0.09 0.00	38.78 -0.02 0.00	33.41 -0.04 0.00	31.39 -0.06 0.00	30.07 -0.01 0.00	39.19 0.14 0.00	48.53 0.44 0.00	41.94 0.47 0.00	41.51 0.55 0.00	38.97 0.59 0.00	44.51 0.68 0.00	57.10 0.82 0.00	61.47 0.72 0.00	98.01 1.41 0.00	86.09 1.15 0.00	110.09 1.16 0.00	88.73 1.00 0.00	336.86 3.08 0.00	38.58 0.31 0.00	32.64 0.27 0.00	31.89 0.19 0.00	28.93 0.21 0.00	22.46 0.18 0.00	32.01 0.13 0.00
CLINTON_WT_PWR 323605	39.35 -1.17 0.00	37.95 -0.85 0.00	32.69 -0.76 0.00	30.84 -0.61 0.00	29.58 -0.50 0.00	38.32 -0.73 0.00	46.92 -1.16 0.00	40.33 -1.14 0.00	39.76 -1.20 0.00	37.02 -1.36 0.00	42.12 -1.70 0.00	54.19 -2.09 0.00	58.80 -1.95 0.00	93.68 -2.92 0.00	81.61 -3.32 0.00	105.79 -3.15 0.00	85.23 -2.50 0.00	325.31 -8.47 0.00	37.31 -0.96 0.00	31.50 -0.86 0.00	30.86 -0.84 0.00	27.85 -0.86 0.00	21.36 -0.92 0.00	31.02 -0.87 0.00
CLINTON__LFGE 323618	39.82 -0.70 0.00	38.40 -0.39 0.00	33.08 -0.38 0.00	31.22 -0.23 0.00	29.95 -0.13 0.00	38.79 -0.26 0.00	47.53 -0.56 0.00	40.85 -0.62 0.00	40.29 -0.67 0.00	37.51 -0.87 0.00	42.66 -1.17 0.00	54.86 -1.42 0.00	59.60 -1.15 0.00	95.04 -1.56 0.00	82.69 -2.25 0.00	107.25 -1.69 0.00	86.41 -1.32 0.00	329.91 -3.88 0.00	37.83 -0.44 0.00	31.95 -0.42 0.00	31.30 -0.41 0.00	28.19 -0.52 0.00	21.60 -0.68 0.00	31.40 -0.49 0.00
COBBLENY_34_KV_TB1 80064	40.17 -0.35 0.00	38.34 -0.46 0.00	32.81 -0.64 0.00	30.94 -0.52 0.00	29.74 -0.35 0.00	39.28 0.23 0.00	49.11 1.03 0.00	42.47 1.00 0.00	41.99 1.03 0.00	39.62 1.24 0.00	45.33 1.51 0.00	57.79 1.51 0.00	61.46 0.70 0.00	99.46 2.86 0.00	86.38 1.44 0.00	109.79 0.85 0.00	87.15 -0.59 0.00	342.13 -5.10 -13.44	47.99 -0.53 -10.25	34.93 -0.20 -2.76	41.20 0.02 -9.48	28.98 0.27 0.00	22.53 0.25 0.00	32.18 0.30 0.00
COFFEEN__115KV_TB3 355620	40.65 0.13 0.00	38.71 -0.10 0.00	33.70 0.24 0.00	31.79 0.34 0.00	30.54 0.45 0.00	40.18 1.13 0.00	49.52 1.43 0.00	43.07 1.61 0.00	42.71 1.75 0.00	40.10 1.72 0.00	45.53 1.71 0.00	58.90 2.62 0.00	63.49 2.73 0.00	99.05 2.45 0.00	87.08 2.14 0.00	109.17 0.23 0.00	87.50 -0.23 0.00	339.26 5.48 0.00	39.81 1.53 0.00	33.88 1.51 0.00	32.61 0.91 0.00	29.92 1.21 0.00	23.39 1.10 0.00	33.12 1.24 0.00
COLDSPRG_115KV_BK1 355956	40.93 0.42 0.00	39.05 0.25 0.00	33.52 0.07 0.00	31.66 0.20 0.00	30.46 0.38 0.00	40.21 1.16 0.00	50.36 2.27 0.00	43.59 2.12 0.00	43.22 2.26 0.00	40.74 2.37 0.00	46.38 2.56 0.00	59.23 2.94 0.00	63.04 2.28 0.00	101.73 5.14 0.00	87.84 2.90 0.00	111.37 2.44 0.00	88.62 0.89 0.00	348.43 0.36 -14.29	49.12 -0.06 -10.90	35.53 0.22 -2.94	42.19 0.40 -10.09	29.51 0.79 0.00	23.02 0.74 0.00	32.85 0.97 0.00
COLONIE_LFGE__ 323577	42.46 1.95 0.00	40.52 1.72 0.00	34.87 1.46 0.04	32.76 1.38 0.07	32.15 1.30 -0.77	40.58 1.53 0.00	49.57 2.06 0.58	43.34 1.88 0.00	42.89 1.93 0.00	40.11 1.73 0.00	45.75 1.93 0.00	58.76 2.47 0.00	81.01 2.83 -17.43	101.06 4.46 0.00	95.65 4.27 -6.44	125.49 5.16 -11.39	115.36 4.55 -23.07	584.05 18.19 -232.08	220.20 2.13 -179.79	110.76 1.82 -76.58	230.64 1.77 -197.16	35.88 1.50 -5.66	27.52 1.05 -4.19	34.16 1.42 -0.86
COOPERNY_115KV_TB1 80082	41.86 1.34 0.00	39.94 1.14 0.00	34.50 1.04 -0.01	32.41 0.94 -0.02	29.87 0.84 1.06	39.94 0.89 0.00	49.47 1.20 -0.18	42.82 1.36 0.00	42.63 1.67 0.00	40.15 1.77 0.00	45.86 2.04 0.00	58.86 2.58 0.00	81.14 2.91 22.52	101.30 4.71 0.00	81.13 4.51 8.32	99.72 5.66 14.88	60.46 4.56 31.83	406.39 16.61 -56.00	79.71 1.86 -39.58	6.56 1.63 27.44	29.35 1.56 3.91	22.09 1.32 7.94	17.39 0.99 5.88	31.87 1.18 1.20
COPENHAGEN_WT_PWR 323753	40.02 -0.50 0.00	38.11 -0.69 0.00	33.27 -0.18 0.00	31.30 -0.15 0.00	30.05 -0.03 0.00	39.57 0.51 0.00	48.60 0.51 0.00	42.32 0.86 0.00	42.04 1.08 0.00	39.47 1.09 0.00	44.88 1.06 0.00	57.93 1.64 0.00	62.48 1.72 0.00	97.76 1.16 0.00	86.27 1.33 0.00	108.29 -0.64 0.00	86.82 -0.92 0.00	336.10 2.32 0.00	39.25 0.97 0.00	33.36 0.99 0.00	31.87 0.16 0.00	29.34 0.63 0.00	23.02 0.74 0.00	32.64 0.76 0.00
CORNELL____ 23752	41.66 1.15 0.00	39.79 0.99 0.00	34.30 0.84 0.00	32.26 0.81 0.00	30.92 0.84 0.00	40.34 1.29 0.00	50.01 1.92 0.00	43.27 1.80 0.00	42.78 1.82 0.00	40.11 1.72 0.00	45.67 1.85 0.00	58.49 2.21 0.00	63.01 2.25 0.00	100.70 4.10 0.00	88.58 3.64 0.00	113.17 4.24 0.00	91.40 3.67 0.00	367.26 14.98 -18.49	54.01 1.60 -14.13	37.50 1.33 -3.81	46.05 1.26 -13.09	29.86 1.15 0.00	23.11 0.83 0.00	32.84 0.95 0.00
CORONAAV_69_KV_TB1 355595	43.79 3.27 0.00	41.79 3.00 0.00	36.12 2.64 -0.03	33.86 2.36 -0.05	35.51 2.17 -3.26	41.35 2.30 0.00	50.93 2.47 -0.38	43.99 2.52 0.00	43.87 2.91 0.00	41.82 3.44 0.00	48.10 4.13 -0.15	61.32 5.04 0.00	140.26 5.64 -73.87	105.98 9.38 0.00	143.39 9.23 -49.23	168.58 11.31 -48.32	195.36 9.54 -98.09	451.44 35.87 -81.79	115.33 3.85 -73.21	166.67 3.12 -131.18	229.85 2.95 -195.20	71.77 2.83 -40.24	53.15 2.15 -28.72	38.47 2.79 -3.80
CORTLAND_115KV_TB3 80093	41.29 0.77 0.00	39.43 0.63 0.00	34.00 0.55 0.00	31.98 0.53 0.00	30.63 0.55 0.00	39.94 0.89 0.00	49.46 1.37 0.00	42.77 1.31 0.00	42.34 1.38 0.00	39.72 1.34 0.00	45.28 1.46 0.00	58.12 1.84 0.00	62.61 1.86 0.00	99.87 3.27 0.00	87.79 2.85 0.00	112.19 3.26 0.00	90.43 2.70 0.00	358.53 10.63 -14.11	50.17 1.11 -10.79	36.22 0.95 -2.91	42.59 0.89 -10.01	29.55 0.84 0.00	22.89 0.61 0.00	32.57 0.68 0.00

COXSACKIE___GT 23611	43.59 3.08 0.00	41.52 2.72 0.00	35.70 2.26 0.01	33.54 2.12 0.02	32.64 1.99 -0.57	41.59 2.54 0.00	51.50 3.61 0.20	44.74 3.27 0.00	43.97 3.00 0.00	40.54 2.16 0.00	45.75 1.93 0.00	58.69 2.40 0.00	76.81 2.95 -13.11	101.54 4.94 0.00	95.05 5.27 -4.84	124.37 6.88 -8.55	111.40 6.56 -17.11	507.35 30.64 -142.93	151.89 3.58 -110.03	74.55 3.01 -39.17	139.61 2.83 -105.08	30.88 2.17 0.00	23.80 1.52 0.00	33.99 2.10 0.00
CPV_VALLEY___CC1 323721	41.97 1.45 0.00	40.02 1.22 0.00	34.59 1.12 -0.02	32.49 1.01 -0.03	29.27 0.89 1.70	39.94 0.89 0.00	49.53 1.18 -0.27	42.89 1.42 0.00	42.70 1.74 0.00	40.27 1.89 0.00	46.01 2.19 0.00	59.08 2.79 0.00	25.80 3.18 38.13	101.72 5.12 0.00	75.84 4.99 14.09	90.21 6.26 24.99	41.87 5.28 51.14	420.63 19.31 -67.54	86.86 2.16 -46.42	-15.00 1.89 49.25	10.72 1.81 22.80	17.37 1.52 12.86	13.90 1.14 9.52	31.30 1.35 1.94
CPV_VALLEY___CC2 323722	41.97 1.45 0.00	40.02 1.22 0.00	34.59 1.12 -0.02	32.49 1.01 -0.03	29.27 0.89 1.70	39.94 0.89 0.00	49.53 1.18 -0.27	42.89 1.42 0.00	42.70 1.74 0.00	40.27 1.89 0.00	46.01 2.19 0.00	59.08 2.79 0.00	25.80 3.18 38.13	101.72 5.12 0.00	75.84 4.99 14.09	90.21 6.26 24.99	41.87 5.28 51.14	420.63 19.31 -67.54	86.86 2.16 -46.42	-15.00 1.89 49.25	10.72 1.81 22.80	17.37 1.52 12.86	13.90 1.14 9.52	31.30 1.35 1.94
CRESCENT___HYD 24018	42.46 1.95 0.00	40.52 1.72 0.00	34.87 1.46 0.04	32.76 1.38 0.07	32.15 1.30 -0.77	40.58 1.53 0.00	49.57 2.06 0.58	43.34 1.88 0.00	42.89 1.93 0.00	40.11 1.73 0.00	45.75 1.93 0.00	58.76 2.47 0.00	81.01 2.83 -17.43	101.06 4.46 0.00	95.65 4.27 -6.44	125.49 5.16 -11.39	115.36 4.55 -23.07	584.05 18.19 -232.08	220.20 2.13 -179.79	110.76 1.82 -76.58	230.64 1.77 -197.16	35.88 1.50 -5.66	27.52 1.05 -4.19	34.16 1.42 -0.86
CRICKET___VALLEY_CC1 323756	42.17 1.66 0.00	40.17 1.37 0.00	34.21 1.16 0.41	31.82 1.07 0.70	32.51 0.95 -1.47	39.94 0.89 0.00	43.49 1.18 5.77	42.94 1.48 0.00	42.76 1.80 0.00	40.30 1.92 0.00	46.03 2.21 0.00	59.07 2.79 0.00	97.61 3.26 -33.59	101.84 5.24 0.00	102.66 5.30 -12.41	137.64 6.73 -21.97	137.99 5.76 -44.50	445.47 21.87 -89.82	114.38 2.44 -73.66	120.43 2.05 -86.01	170.83 2.14 -136.98	43.56 1.79 -13.06	33.24 1.29 -9.67	35.45 1.59 -1.97
CRICKET___VALLEY_CC2 323757	42.17 1.66 0.00	40.17 1.37 0.00	34.21 1.16 0.41	31.82 1.07 0.70	32.51 0.95 -1.47	39.94 0.89 0.00	43.49 1.18 5.77	42.94 1.48 0.00	42.76 1.80 0.00	40.30 1.92 0.00	46.03 2.21 0.00	59.07 2.79 0.00	97.61 3.26 -33.59	101.84 5.24 0.00	102.66 5.30 -12.41	137.64 6.73 -21.97	137.99 5.76 -44.50	445.47 21.87 -89.82	114.38 2.44 -73.66	120.43 2.05 -86.01	170.83 2.14 -136.98	43.56 1.79 -13.06	33.24 1.29 -9.67	35.45 1.59 -1.97
CRICKET___VALLEY_CC3 323758	42.17 1.66 0.00	40.17 1.37 0.00	34.21 1.16 0.41	31.82 1.07 0.70	32.51 0.95 -1.47	39.94 0.89 0.00	43.49 1.18 5.77	42.94 1.48 0.00	42.76 1.80 0.00	40.30 1.92 0.00	46.03 2.21 0.00	59.07 2.79 0.00	97.61 3.26 -33.59	101.84 5.24 0.00	102.66 5.30 -12.41	137.64 6.73 -21.97	137.99 5.76 -44.50	445.47 21.87 -89.82	114.38 2.44 -73.66	120.43 2.05 -86.01	170.83 2.14 -136.98	43.56 1.79 -13.06	33.24 1.29 -9.67	35.45 1.59 -1.97
CRUCIBLE_METL_DRP 24180	40.61 0.09 0.00	38.78 -0.02 0.00	33.41 -0.04 0.00	31.39 -0.06 0.00	30.07 -0.01 0.00	39.19 0.14 0.00	48.53 0.44 0.00	41.94 0.47 0.00	41.52 0.55 0.00	38.97 0.59 0.00	44.51 0.69 0.00	57.10 0.82 0.00	61.46 0.71 0.00	98.01 1.41 0.00	86.09 1.15 0.00	110.08 1.15 0.00	88.72 0.99 0.00	336.86 3.08 0.00	38.58 0.31 0.00	32.64 0.27 0.00	31.90 0.19 0.00	28.93 0.21 0.00	22.46 0.17 0.00	32.01 0.13 0.00
DAHOWA___HYDRO 323763	43.44 2.92 0.00	41.36 2.56 0.00	35.51 2.09 0.03	33.36 1.97 0.06	32.70 1.89 -0.73	41.43 2.38 0.00	50.72 3.12 0.49	44.40 2.94 0.00	43.88 2.92 0.00	41.01 2.62 0.00	46.81 2.99 0.00	60.22 3.93 0.00	81.82 4.36 -16.71	103.66 7.06 0.00	97.66 6.55 -6.18	127.99 8.12 -10.93	116.86 6.99 -22.14	617.57 27.82 -255.97	239.44 3.22 -197.94	115.24 2.66 -80.21	247.08 2.61 -212.77	36.39 2.24 -5.44	27.86 1.55 -4.03	34.85 2.14 -0.82
DANC___LFGE 323619	40.15 -0.37 0.00	38.27 -0.53 0.00	33.23 -0.22 0.00	31.26 -0.19 0.00	29.99 -0.09 0.00	39.33 0.27 0.00	48.48 0.40 0.00	42.10 0.64 0.00	41.76 0.80 0.00	39.20 0.82 0.00	44.63 0.81 0.00	57.44 1.16 0.00	61.87 1.12 0.00	97.50 0.90 0.00	85.80 0.87 0.00	108.37 -0.57 0.00	86.97 -0.76 0.00	334.21 0.43 0.00	38.78 0.50 0.00	32.93 0.56 0.00	31.76 0.05 0.00	29.10 0.39 0.00	22.76 0.48 0.00	32.27 0.39 0.00
DANSKAMMER___1 23586	42.86 2.34 0.00	40.84 2.04 0.00	35.27 1.80 -0.02	33.11 1.62 -0.03	31.54 1.46 0.00	40.66 1.61 0.00	50.48 2.11 -0.28	43.76 2.29 0.00	43.64 2.67 0.00	41.20 2.82 0.00	47.12 3.30 0.00	60.51 4.23 0.00	65.49 4.73 0.00	104.36 7.76 0.00	92.41 7.47 0.00	118.48 9.55 0.00	95.69 7.96 0.00	445.70 29.41 -82.50	105.43 3.32 -63.83	65.54 2.82 -30.35	96.37 2.67 -62.00	30.96 2.25 0.00	23.93 1.65 0.00	33.97 2.08 0.00
DANSKAMMER___2 23589	42.86 2.34 0.00	40.84 2.04 0.00	35.27 1.80 -0.02	33.11 1.62 -0.03	31.54 1.46 0.00	40.66 1.61 0.00	50.48 2.11 -0.28	43.76 2.29 0.00	43.64 2.67 0.00	41.20 2.82 0.00	47.12 3.30 0.00	60.51 4.23 0.00	65.49 4.73 0.00	104.36 7.76 0.00	92.41 7.47 0.00	118.48 9.55 0.00	95.69 7.96 0.00	445.70 29.41 -82.50	105.43 3.32 -63.83	65.54 2.82 -30.35	96.37 2.67 -62.00	30.96 2.25 0.00	23.93 1.65 0.00	33.97 2.08 0.00
DANSKAMMER___3 23590	42.86 2.34 0.00	40.84 2.04 0.00	35.27 1.80 -0.02	33.11 1.62 -0.03	31.54 1.46 0.00	40.66 1.61 0.00	50.48 2.11 -0.28	43.76 2.29 0.00	43.64 2.67 0.00	41.20 2.82 0.00	47.12 3.30 0.00	60.51 4.23 0.00	65.49 4.73 0.00	104.36 7.76 0.00	92.41 7.47 0.00	118.48 9.55 0.00	95.69 7.96 0.00	445.70 29.41 -82.50	105.43 3.32 -63.83	65.54 2.82 -30.35	96.37 2.67 -62.00	30.96 2.25 0.00	23.93 1.65 0.00	33.97 2.08 0.00
DANSKAMMER___4 23591	42.86 2.34 0.00	40.84 2.04 0.00	35.27 1.80 -0.02	33.11 1.62 -0.03	31.54 1.46 0.00	40.66 1.61 0.00	50.48 2.11 -0.28	43.76 2.29 0.00	43.64 2.67 0.00	41.20 2.82 0.00	47.12 3.30 0.00	60.51 4.23 0.00	65.49 4.73 0.00	104.36 7.76 0.00	92.41 7.47 0.00	118.48 9.55 0.00	95.69 7.96 0.00	445.70 29.41 -82.50	105.43 3.32 -63.83	65.54 2.82 -30.35	96.37 2.67 -62.00	30.96 2.25 0.00	23.93 1.65 0.00	33.97 2.08 0.00
DANSKAMMER___DIESEL 23592	42.87 2.35 0.00	40.84 2.04 0.00	35.27 1.80 -0.02	33.11 1.63 -0.03	31.54 1.46 0.00	40.66 1.61 0.00	50.48 2.11 -0.28	43.76 2.29 0.00	43.63 2.67 0.00	41.20 2.82 0.00	47.12 3.30 0.00	60.51 4.23 0.00	65.50 4.74 0.00	104.35 7.75 0.00	92.41 7.47 0.00	118.49 9.56 0.00	95.70 7.97 0.00	445.70 29.41 -82.50	105.43 3.32 -63.83	65.54 2.82 -30.35	96.37 2.67 -62.00	30.97 2.26 0.00	23.94 1.65 0.00	33.97 2.08 0.00

DARBY___SOLAR 323810	43.21 2.70 0.00	41.16 2.36 0.00	35.35 1.94 0.04	33.21 1.82 0.06	32.56 1.75 -0.74	41.23 2.18 0.00	50.45 2.87 0.50	44.16 2.69 0.00	43.63 2.67 0.00	40.77 2.39 0.00	46.53 2.70 0.00	59.83 3.54 0.00	81.51 3.93 -16.82	102.97 6.37 0.00	97.10 5.95 -6.22	127.32 7.38 -11.00	116.40 6.40 -22.28	612.49 25.50 -253.20	237.08 2.96 -195.85	114.67 2.46 -79.84	245.13 2.40 -211.02	36.25 2.06 -5.47	27.77 1.43 -4.05	34.69 1.98 -0.83
DASHVILLE___HYD 23610	42.54 2.03 0.00	40.54 1.74 0.00	35.04 1.57 -0.01	32.87 1.40 -0.02	31.32 1.24 0.00	40.33 1.28 0.00	49.90 1.69 -0.13	43.37 1.90 0.00	43.32 2.36 0.00	40.88 2.50 0.00	46.79 2.97 0.00	60.07 3.79 0.00	65.00 4.25 0.00	103.57 6.97 0.00	91.69 6.75 0.00	117.54 8.60 0.00	94.81 7.08 0.00	454.78 24.82 -96.18	114.48 2.69 -73.51	54.51 2.35 -19.79	102.35 2.20 -68.45	30.63 1.92 0.00	23.70 1.41 0.00	33.59 1.70 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	45.85 5.33 0.00	43.96 5.16 0.00	37.99 4.51 -0.03	35.48 3.99 -0.05	37.17 3.84 -3.26	43.27 4.21 0.00	53.13 4.66 -0.38	45.89 4.43 0.00	45.92 4.96 0.00	44.10 5.71 0.00	58.33 6.75 -7.75	160.90 8.35 -96.27	347.28 8.72 -277.81	342.48 14.44 -231.44	350.30 13.91 -251.45	306.22 16.48 -180.81	331.03 13.94 -229.36	600.02 52.44 -213.79	319.16 5.53 -275.36	337.49 4.72 -300.41	319.00 4.56 -282.73	89.15 4.42 -56.01	57.43 3.46 -31.69	44.25 4.53 -7.82
DELAWARE___LFGE 323621	41.99 1.48 0.00	40.09 1.30 0.00	34.59 1.14 0.00	32.52 1.07 0.00	31.10 1.02 0.00	40.35 1.30 0.00	49.89 1.80 0.00	43.17 1.70 0.00	42.74 1.78 0.00	39.99 1.61 0.00	45.67 1.85 0.00	58.64 2.35 0.00	63.25 2.50 0.00	100.62 4.02 0.00	88.53 3.60 0.00	113.25 4.31 0.00	91.45 3.72 0.00	406.08 13.72 -58.57	84.62 1.57 -44.77	45.82 1.40 -12.05	74.64 1.37 -41.56	29.91 1.20 0.00	23.16 0.88 0.00	32.98 1.09 0.00
DERFIELD_115KV_TB7 355931	40.78 0.27 0.00	39.00 0.20 0.00	33.65 0.20 0.00	31.63 0.18 0.00	30.25 0.16 0.00	39.26 0.20 0.00	48.39 0.30 0.00	41.75 0.29 0.00	41.29 0.33 0.00	38.71 0.33 0.00	44.20 0.37 0.00	56.79 0.50 0.00	61.33 0.58 0.00	97.54 0.94 0.00	85.83 0.89 0.00	109.88 0.94 0.00	88.57 0.84 0.00	337.27 3.49 0.00	38.65 0.38 0.00	32.67 0.31 0.00	31.97 0.26 0.00	28.97 0.26 0.00	22.43 0.15 0.00	32.05 0.16 0.00
DOGLEVILLE___HYD 23807	41.39 0.87 0.00	39.39 0.59 0.00	33.86 0.41 0.00	31.81 0.36 0.00	30.49 0.40 0.00	39.45 0.39 0.00	48.77 0.68 0.00	42.15 0.69 0.00	41.68 0.72 0.00	38.94 0.55 0.00	44.41 0.58 0.00	57.09 0.81 0.00	62.00 1.24 0.00	98.86 2.26 0.00	87.18 2.24 0.00	111.09 2.16 0.00	90.36 2.63 0.00	346.52 12.74 0.00	39.54 1.27 0.00	33.32 0.95 0.00	32.97 1.26 0.00	29.67 0.96 0.00	22.80 0.52 0.00	32.25 0.36 0.00
DUNKIRK___115KV_TB_200 55889	40.58 0.06 0.00	38.70 -0.09 0.00	33.19 -0.27 0.00	31.34 -0.11 0.00	30.13 0.05 0.00	39.80 0.74 0.00	49.78 1.69 0.00	42.96 1.49 0.00	42.53 1.57 0.00	40.08 1.70 0.00	45.69 1.86 0.00	58.49 2.20 0.00	62.30 1.55 0.00	100.68 4.07 0.00	87.53 2.59 0.00	111.01 2.08 0.00	88.24 0.51 0.00	346.43 -0.76 -13.40	48.29 -0.21 -10.22	35.17 0.05 -2.75	41.35 0.18 -9.46	29.23 0.52 0.00	22.76 0.48 0.00	32.49 0.60 0.00
DUNKIRK___1 23563	40.58 0.06 0.00	38.70 -0.09 0.00	33.19 -0.27 0.00	31.34 -0.11 0.00	30.13 0.05 0.00	39.80 0.74 0.00	49.78 1.69 0.00	42.96 1.49 0.00	42.53 1.57 0.00	40.08 1.70 0.00	45.69 1.86 0.00	58.49 2.20 0.00	62.30 1.55 0.00	100.68 4.07 0.00	87.53 2.59 0.00	111.01 2.08 0.00	88.24 0.51 0.00	346.43 -0.76 -13.40	48.29 -0.21 -10.22	35.17 0.05 -2.75	41.35 0.18 -9.46	29.23 0.52 0.00	22.76 0.48 0.00	32.49 0.60 0.00
DUNKIRK___2 23564	40.58 0.06 0.00	38.70 -0.09 0.00	33.19 -0.27 0.00	31.34 -0.11 0.00	30.13 0.05 0.00	39.80 0.74 0.00	49.78 1.69 0.00	42.96 1.49 0.00	42.53 1.57 0.00	40.08 1.70 0.00	45.69 1.86 0.00	58.49 2.20 0.00	62.30 1.55 0.00	100.68 4.07 0.00	87.53 2.59 0.00	111.01 2.08 0.00	88.24 0.51 0.00	346.43 -0.76 -13.40	48.29 -0.21 -10.22	35.17 0.05 -2.75	41.35 0.18 -9.46	29.23 0.52 0.00	22.76 0.48 0.00	32.49 0.60 0.00
DUNKIRK___3 23565	40.34 -0.18 0.00	38.50 -0.30 0.00	33.01 -0.44 0.00	31.16 -0.29 0.00	29.97 -0.11 0.00	39.57 0.51 0.00	49.45 1.36 0.00	42.72 1.25 0.00	42.29 1.33 0.00	39.86 1.48 0.00	45.45 1.63 0.00	58.13 1.85 0.00	61.86 1.11 0.00	99.92 3.32 0.00	86.92 1.99 0.00	110.30 1.36 0.00	87.69 -0.05 0.00	344.23 -2.89 -13.33	48.04 -0.40 -10.17	35.00 -0.11 -2.74	41.16 0.04 -9.41	29.06 0.35 0.00	22.63 0.35 0.00	32.32 0.44 0.00
DUNKIRK___4 23566	40.34 -0.18 0.00	38.50 -0.30 0.00	33.01 -0.44 0.00	31.16 -0.29 0.00	29.97 -0.11 0.00	39.57 0.51 0.00	49.45 1.36 0.00	42.72 1.25 0.00	42.29 1.33 0.00	39.86 1.48 0.00	45.45 1.63 0.00	58.13 1.85 0.00	61.86 1.11 0.00	99.92 3.32 0.00	86.92 1.99 0.00	110.30 1.36 0.00	87.69 -0.05 0.00	344.23 -2.89 -13.33	48.04 -0.40 -10.17	35.00 -0.11 -2.74	41.16 0.04 -9.41	29.06 0.35 0.00	22.63 0.35 0.00	32.32 0.44 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	42.90 2.38 0.00	40.92 2.12 0.00	35.41 1.93 -0.03	33.25 1.75 -0.05	34.95 1.59 -3.28	40.74 1.69 0.00	50.58 2.11 -0.38	43.78 2.31 0.00	43.71 2.75 0.00	41.38 3.00 0.00	47.30 3.48 0.00	60.72 4.43 0.00	140.18 5.03 -74.40	104.74 8.14 0.00	120.21 7.78 -27.49	167.44 9.83 -48.67	194.72 8.19 -98.80	446.06 30.52 -81.76	112.91 3.33 -71.30	166.86 2.77 -131.72	230.44 2.71 -196.03	56.35 2.33 -25.30	42.75 1.74 -18.73	37.96 2.25 -3.82
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	42.55 2.04 0.00	40.56 1.76 0.00	35.05 1.58 -0.02	32.90 1.42 -0.03	30.60 1.27 0.75	40.41 1.36 0.00	50.16 1.79 -0.28	43.47 2.00 0.00	43.33 2.37 0.00	40.90 2.52 0.00	46.75 2.93 0.00	60.01 3.73 0.00	48.30 4.21 16.66	103.43 6.84 0.00	85.38 6.60 6.16	106.42 8.41 10.93	72.23 7.07 22.57	439.17 26.07 -79.31	99.75 2.92 -58.55	28.26 2.48 6.60	63.14 2.34 -29.10	25.61 1.99 5.09	19.98 1.47 3.77	32.94 1.82 0.77
E179THST_138_KV_TB4_REV_LBMP_J 345001	43.02 2.50 0.00	40.99 2.19 0.00	35.52 2.04 -0.03	33.35 1.85 -0.05	35.04 1.69 -3.28	40.86 1.81 0.00	50.67 2.21 -0.38	43.88 2.41 0.00	43.83 2.86 0.00	41.47 3.09 0.00	47.38 3.56 0.00	60.87 4.60 0.00	140.49 5.28 -74.46	104.91 8.31 0.00	120.49 8.03 -27.52	167.74 10.09 -48.71	195.16 8.54 -98.89	447.38 31.84 -81.76	112.97 3.39 -71.31	167.00 2.84 -131.79	230.61 2.77 -196.14	56.45 2.41 -25.32	42.83 1.81 -18.74	38.10 2.39 -3.83
E179THST_13_KV_LOAD 356214	43.30 2.79 0.00	41.25 2.45 0.00	35.73 2.26 -0.03	33.54 2.05 -0.05	35.23 1.87 -3.28	41.10 2.05 0.00	50.99 2.53 -0.38	44.17 2.70 0.00	44.11 3.15 0.00	41.75 3.36 0.00	47.71 3.89 0.00	61.32 5.04 0.00	140.98 5.77 -74.46	105.69 9.09 0.00	121.18 8.72 -27.52	168.61 10.96 -48.71	195.86 9.24 -98.89	450.05 34.51 -81.76	113.27 3.69 -71.31	167.26 3.10 -131.79	230.86 3.02 -196.14	56.67 2.63 -25.32	43.00 1.98 -18.74	38.33 2.61 -3.83

EAST HAMPTON___GT 23717	46.63 6.11 0.00	44.71 5.91 0.00	38.63 5.15 -0.03	36.08 4.59 -0.05	37.74 4.41 -3.26	44.02 4.96 0.00	54.06 5.59 -0.38	46.76 5.29 0.00	46.79 5.83 0.00	44.99 6.60 0.00	59.27 7.69 -7.76	162.20 9.63 -96.29	348.17 9.57 -277.85	344.04 15.89 -231.55	351.92 15.33 -251.65	308.25 18.35 -180.96	332.69 15.46 -229.50	605.87 58.12 -213.96	320.00 6.12 -275.61	338.30 5.37 -300.55	319.77 5.26 -282.81	89.81 5.06 -56.03	57.91 3.94 -31.69	44.91 5.20 -7.82
EAST RIVER___6 23660	43.20 2.68 0.00	41.20 2.40 0.00	35.70 2.22 -0.03	33.49 2.00 -0.05	35.16 1.80 -3.28	41.00 1.95 0.00	50.87 2.41 -0.38	44.10 2.63 0.00	44.12 3.16 0.00	41.82 3.44 0.00	47.79 3.97 0.00	61.37 5.08 0.00	141.01 5.76 -74.49	105.92 9.32 0.00	121.29 8.82 -27.52	168.86 11.19 -48.73	195.90 9.25 -98.92	450.00 34.46 -81.76	113.31 3.73 -71.31	167.26 3.08 -131.81	230.89 3.02 -196.17	56.61 2.57 -25.33	42.97 1.93 -18.75	38.30 2.58 -3.83
EAST RIVER___7 23524	43.20 2.68 0.00	41.20 2.40 0.00	35.70 2.22 -0.03	33.49 2.00 -0.05	35.16 1.80 -3.28	41.00 1.95 0.00	50.87 2.41 -0.38	44.10 2.63 0.00	44.12 3.16 0.00	41.82 3.44 0.00	47.79 3.97 0.00	61.37 5.08 0.00	141.01 5.76 -74.49	105.92 9.32 0.00	121.29 8.82 -27.52	168.86 11.19 -48.73	195.90 9.25 -98.92	450.00 34.46 -81.76	113.31 3.73 -71.31	167.26 3.08 -131.81	230.89 3.02 -196.17	56.61 2.57 -25.33	42.97 1.93 -18.75	38.30 2.58 -3.83
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	42.80 2.28 0.00	40.81 2.01 0.00	35.31 1.83 -0.03	33.16 1.67 -0.05	35.07 1.50 -3.49	40.64 1.59 0.00	50.46 2.00 -0.38	43.68 2.22 0.00	43.60 2.64 0.00	41.24 2.86 0.00	47.16 3.33 0.00	60.53 4.25 0.00	144.72 4.82 -79.15	104.40 7.80 0.00	121.66 7.48 -29.25	170.16 9.45 -51.78	200.74 7.89 -105.12	444.76 29.44 -81.54	113.17 3.21 -71.68	173.51 2.69 -138.46	241.53 2.63 -207.19	58.52 2.25 -27.56	44.37 1.68 -20.40	38.21 2.16 -4.17
EAST_HAMPTON___DIESEL 23722	46.64 6.12 0.00	44.71 5.91 0.00	38.63 5.15 -0.03	36.10 4.60 -0.05	37.74 4.41 -3.26	44.02 4.97 0.00	54.06 5.60 -0.38	46.77 5.30 0.00	46.79 5.83 0.00	44.99 6.61 0.00	59.28 7.70 -7.76	162.21 9.64 -96.29	348.20 9.59 -277.85	344.09 15.95 -231.55	351.99 15.41 -251.64	308.31 18.42 -180.95	332.74 15.52 -229.49	606.02 58.28 -213.95	320.02 6.15 -275.60	338.32 5.40 -300.55	319.77 5.27 -282.81	89.81 5.07 -56.03	57.92 3.95 -31.69	44.91 5.20 -7.82
EAST_PULASKI___ESR 323781	40.29 -0.23 0.00	38.46 -0.34 0.00	33.23 -0.22 0.00	31.25 -0.20 0.00	29.94 -0.14 0.00	39.12 0.07 0.00	48.39 0.30 0.00	41.91 0.44 0.00	41.50 0.54 0.00	38.95 0.57 0.00	44.41 0.59 0.00	56.96 0.67 0.00	61.21 0.45 0.00	97.17 0.57 0.00	85.29 0.35 0.00	108.44 -0.50 0.00	87.10 -0.63 0.00	332.59 -1.20 0.00	38.35 0.07 0.00	32.52 0.16 0.00	31.66 -0.05 0.00	28.84 0.13 0.00	22.47 0.19 0.00	31.89 0.01 0.00
EAST_RIVER___1 323558	43.06 2.54 0.00	41.08 2.28 0.00	35.60 2.12 -0.03	33.41 1.91 -0.05	35.10 1.74 -3.28	40.90 1.85 0.00	50.75 2.29 -0.38	43.98 2.51 0.00	43.98 3.02 0.00	41.67 3.28 0.00	47.61 3.79 0.00	61.13 4.85 0.00	140.73 5.49 -74.49	105.49 8.88 0.00	120.92 8.45 -27.52	168.38 10.71 -48.73	195.53 8.88 -98.92	448.59 33.06 -81.76	113.15 3.58 -71.31	167.14 2.96 -131.81	230.76 2.89 -196.17	56.51 2.47 -25.33	42.88 1.85 -18.75	38.19 2.47 -3.83
EAST_RIVER___2 323559	43.20 2.68 0.00	41.20 2.40 0.00	35.70 2.22 -0.03	33.49 2.00 -0.05	35.16 1.80 -3.28	41.00 1.95 0.00	50.87 2.41 -0.38	44.10 2.63 0.00	44.12 3.16 0.00	41.82 3.44 0.00	47.79 3.97 0.00	61.37 5.08 0.00	141.01 5.76 -74.49	105.92 9.32 0.00	121.29 8.82 -27.52	168.86 11.19 -48.73	195.90 9.25 -98.92	450.00 34.46 -81.76	113.31 3.73 -71.31	167.26 3.08 -131.81	230.89 3.02 -196.17	56.61 2.57 -25.33	42.97 1.93 -18.75	38.30 2.58 -3.83
EAST___DELAWARE_HYD 23607	42.16 1.65 0.00	40.17 1.37 0.00	34.69 1.23 -0.01	32.55 1.08 -0.02	30.56 0.95 0.47	40.03 0.98 0.00	49.62 1.35 -0.18	43.09 1.63 0.00	43.15 2.19 0.00	40.66 2.28 0.00	46.48 2.66 0.00	59.39 3.11 0.00	63.08 2.32 0.00	100.65 4.05 0.00	89.12 4.19 0.00	113.32 5.47 1.08	78.24 4.56 14.05	425.40 16.31 -75.31	96.87 1.76 -56.85	41.94 1.48 -8.09	84.23 1.26 -51.27	29.74 1.03 0.00	22.97 0.69 0.00	32.66 0.77 0.00
EIGHT_POINT___WT_PWR 323820	39.90 -0.61 0.00	37.95 -0.84 0.00	32.78 -0.67 0.00	31.19 -0.26 0.00	30.09 0.01 0.00	39.43 0.38 0.00	48.73 0.65 0.00	42.90 1.44 0.00	42.46 1.50 0.00	40.25 1.87 0.00	45.75 1.93 0.00	58.30 2.02 0.00	62.02 1.27 0.00	99.60 3.01 0.00	87.31 2.37 0.00	110.74 1.81 0.00	86.89 -0.83 0.00	346.01 -4.11 -16.33	50.31 -0.45 -12.48	36.37 0.64 -3.36	43.91 0.66 -11.54	29.52 0.81 0.00	22.94 0.66 0.00	32.59 0.70 0.00
ELBRIDGE_115KV_TB2 80188	40.64 0.12 0.00	38.79 -0.01 0.00	33.43 -0.02 0.00	31.42 -0.03 0.00	30.11 0.03 0.00	39.27 0.21 0.00	48.57 0.48 0.00	41.97 0.51 0.00	41.58 0.61 0.00	39.03 0.65 0.00	44.56 0.74 0.00	57.17 0.89 0.00	61.50 0.74 0.00	98.10 1.50 0.00	86.24 1.31 0.00	110.16 1.23 0.00	88.79 1.06 0.00	344.96 3.41 -7.77	44.58 0.37 -5.94	34.23 0.26 -1.60	37.44 0.23 -5.51	28.97 0.26 0.00	22.47 0.19 0.00	31.98 0.09 0.00
ELEC_TRO_TEK 24086	43.42 2.91 0.00	41.48 2.68 0.00	35.86 2.38 -0.03	33.62 2.13 -0.05	35.30 1.97 -3.26	41.05 2.00 0.00	50.58 2.12 -0.38	43.69 2.22 0.00	43.62 2.65 0.00	41.56 3.18 0.00	47.71 3.73 -0.15	60.87 4.58 0.00	139.80 5.17 -73.87	105.17 8.57 0.00	142.69 8.53 -49.23	167.70 10.44 -48.32	194.64 8.81 -98.09	448.50 32.93 -81.79	115.00 3.51 -73.21	166.40 2.85 -131.18	229.60 2.70 -195.20	63.67 2.58 -32.38	47.47 1.97 -23.22	38.20 2.51 -3.80
ELLENBURG_WT_PWR 323604	39.35 -1.17 0.00	37.95 -0.85 0.00	32.69 -0.76 0.00	30.84 -0.61 0.00	29.58 -0.50 0.00	38.32 -0.73 0.00	46.92 -1.16 0.00	40.33 -1.14 0.00	39.76 -1.20 0.00	37.02 -1.36 0.00	42.12 -1.70 0.00	54.19 -2.09 0.00	58.80 -1.95 0.00	93.68 -2.92 0.00	81.61 -3.32 0.00	105.79 -3.15 0.00	85.23 -2.50 0.00	325.31 -8.47 0.00	37.31 -0.96 0.00	31.50 -0.86 0.00	30.86 -0.84 0.00	27.85 -0.86 0.00	21.36 -0.92 0.00	31.02 -0.87 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	40.01 -0.50 0.00	38.19 -0.60 0.00	32.69 -0.77 0.00	30.80 -0.65 0.00	29.64 -0.44 0.00	39.13 0.08 0.00	48.94 0.85 0.00	42.34 0.87 0.00	41.85 0.89 0.00	39.43 1.05 0.00	45.10 1.28 0.00	57.54 1.25 0.00	61.09 0.34 0.00	98.77 2.17 0.00	85.74 0.80 0.00	108.94 0.00 0.00	86.45 -1.28 0.00	338.13 -8.20 -12.54	46.96 -0.89 -9.58	34.46 -0.49 -2.58	40.30 -0.27 -8.86	28.77 0.06 0.00	22.40 0.12 0.00	32.04 0.16 0.00
EMPIRE_CC_1 323656	41.64 1.12 0.00	39.76 0.96 0.00	34.23 0.83 0.05	32.19 0.83 0.09	31.75 0.77 -0.90	39.84 0.79 0.00	48.46 1.13 0.76	42.53 1.06 0.00	42.08 1.12 0.00	39.39 1.00 0.00	44.88 1.06 0.00	57.56 1.28 0.00	82.88 1.55 -20.57	98.96 2.36 0.00	95.01 2.47 -7.60	125.26 2.87 -13.45	117.64 2.68 -27.23	471.65 10.72 -127.15	139.65 1.30 -100.07	93.13 1.14 -59.63	160.14 1.11 -127.33	35.94 0.91 -6.31	27.56 0.60 -4.67	33.62 0.78 -0.95

EMPIRE_CC_2 323658	41.64 1.12 0.00	39.76 0.96 0.00	34.23 0.83 0.05	32.19 0.83 0.09	31.75 0.77 -0.90	39.84 0.79 0.00	48.46 1.13 0.76	42.53 1.06 0.00	42.08 1.12 0.00	39.39 1.00 0.00	44.88 1.06 0.00	57.56 1.28 0.00	82.88 1.55 -20.57	98.96 2.36 0.00	95.01 2.47 -7.60	125.26 2.87 -13.45	117.64 2.68 -27.23	471.65 10.72 -127.15	139.65 1.30 -100.07	93.13 1.14 -59.63	160.14 1.11 -127.33	35.94 0.91 -6.31	27.56 0.60 -4.67	33.62 0.78 -0.95
ENORWICH_115KV_TB1 80156	43.48 2.97 0.00	41.63 2.84 0.00	35.98 2.52 0.00	33.79 2.34 0.00	32.41 2.33 0.00	42.38 3.33 0.00	52.69 4.61 0.00	45.67 4.21 0.00	44.77 3.81 0.00	41.90 3.52 0.00	47.69 3.87 0.00	61.09 4.81 0.00	65.97 5.22 0.00	105.27 8.67 0.00	92.65 7.71 0.00	119.16 10.22 0.00	96.83 9.10 0.00	402.48 36.60 -32.10	66.83 4.02 -24.53	42.10 3.12 -6.61	57.49 3.05 -22.74	31.39 2.68 0.00	24.15 1.87 0.00	34.18 2.30 0.00
ERIE_ST__34_KV_TB1-2 80199	40.33 -0.18 0.00	38.48 -0.33 0.00	32.93 -0.52 0.00	31.03 -0.42 0.00	29.86 -0.23 0.00	39.44 0.39 0.00	49.29 1.21 0.00	42.68 1.21 0.00	42.25 1.29 0.00	39.85 1.47 0.00	45.59 1.77 0.00	58.17 1.88 0.00	61.84 1.09 0.00	99.97 3.37 0.00	86.94 2.00 0.00	110.50 1.57 0.00	87.82 0.09 0.00	343.64 -3.25 -13.10	47.91 -0.36 -9.99	35.01 -0.05 -2.69	41.10 0.15 -9.24	29.08 0.37 0.00	22.62 0.34 0.00	32.31 0.42 0.00
ERIE_WT_PWR 323693	40.24 -0.28 0.00	38.39 -0.41 0.00	32.88 -0.57 0.00	30.98 -0.47 0.00	29.80 -0.28 0.00	39.36 0.31 0.00	49.21 1.13 0.00	42.58 1.12 0.00	42.09 1.13 0.00	39.69 1.31 0.00	45.37 1.55 0.00	57.92 1.63 0.00	61.56 0.80 0.00	99.43 2.84 0.00	86.43 1.49 0.00	109.85 0.92 0.00	87.20 -0.54 0.00	341.31 -5.39 -12.92	47.50 -0.61 -9.84	34.77 -0.25 -2.65	40.77 -0.05 -9.11	28.97 0.25 0.00	22.56 0.28 0.00	32.22 0.34 0.00
ESPRGFLD_115KV_TB1 80157	43.00 2.49 0.00	41.10 2.30 0.00	35.44 2.00 0.01	33.32 1.89 0.02	31.90 1.82 0.00	41.61 2.56 0.00	51.33 3.44 0.20	44.66 3.19 0.00	43.94 2.98 0.00	41.11 2.73 0.00	46.97 3.15 0.00	60.38 4.10 0.00	64.97 4.21 0.00	103.53 6.93 0.00	90.59 5.65 0.00	115.78 6.84 0.00	93.39 5.66 0.00	538.14 22.83 -181.53	180.28 2.72 -139.28	78.21 2.15 -43.69	165.14 2.16 -131.27	30.72 2.01 0.00	23.82 1.54 0.00	33.93 2.05 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	41.62 1.11 0.00	39.73 0.93 0.00	34.26 0.81 0.00	32.23 0.78 0.00	30.88 0.80 0.00	40.29 1.23 0.00	49.93 1.84 0.00	43.19 1.72 0.00	42.71 1.74 0.00	40.03 1.65 0.00	45.60 1.78 0.00	58.41 2.13 0.00	62.90 2.15 0.00	100.56 3.96 0.00	88.41 3.47 0.00	113.00 4.06 0.00	91.25 3.52 0.00	366.58 14.32 -18.48	53.92 1.53 -14.12	37.43 1.26 -3.80	45.97 1.19 -13.08	29.81 1.10 0.00	23.07 0.79 0.00	32.79 0.91 0.00
ETNA_____115KV_TB2 80207	41.62 1.11 0.00	39.73 0.93 0.00	34.26 0.81 0.00	32.23 0.78 0.00	30.88 0.80 0.00	40.29 1.23 0.00	49.93 1.84 0.00	43.19 1.72 0.00	42.71 1.74 0.00	40.03 1.65 0.00	45.60 1.78 0.00	58.41 2.13 0.00	62.90 2.15 0.00	100.56 3.96 0.00	88.41 3.47 0.00	113.00 4.06 0.00	91.25 3.52 0.00	366.58 14.32 -18.48	53.92 1.53 -14.12	37.43 1.26 -3.80	45.97 1.19 -13.08	29.81 1.10 0.00	23.07 0.79 0.00	32.79 0.91 0.00
EUCLID__115KV_TB2 356179	40.34 -0.18 0.00	38.52 -0.28 0.00	33.18 -0.27 0.00	31.20 -0.25 0.00	29.87 -0.21 0.00	38.92 -0.14 0.00	48.18 0.09 0.00	41.65 0.18 0.00	41.21 0.25 0.00	38.68 0.30 0.00	44.18 0.36 0.00	56.69 0.41 0.00	61.04 0.28 0.00	97.34 0.74 0.00	85.49 0.55 0.00	109.35 0.41 0.00	88.00 0.27 0.00	333.94 0.16 0.00	38.28 0.00 0.00	32.39 0.03 0.00	31.71 0.01 0.00	28.77 0.06 0.00	22.32 0.04 0.00	31.73 -0.15 0.00
E_CANADA_CAP_HY 24051	43.63 3.11 0.00	41.72 2.92 0.00	35.94 2.51 0.02	33.77 2.35 0.03	32.84 2.24 -0.52	42.16 3.11 0.00	51.92 4.10 0.27	45.23 3.76 0.00	44.32 3.36 0.00	41.38 3.00 0.00	47.28 3.46 0.00	60.78 4.49 0.00	76.94 4.64 -11.55	104.41 7.81 0.00	95.45 6.24 -4.27	123.89 7.39 -7.57	109.37 6.10 -15.55	586.11 26.54 -225.79	214.93 3.30 -173.36	90.51 2.56 -55.58	198.04 2.64 -163.69	31.17 2.46 0.00	24.13 1.85 0.00	34.47 2.58 0.00
E_CANADA_MHWK_HY 24050	41.39 0.87 0.00	39.39 0.59 0.00	33.86 0.41 0.00	31.81 0.36 0.00	30.49 0.40 0.00	39.45 0.39 0.00	48.77 0.68 0.00	42.15 0.69 0.00	41.68 0.72 0.00	38.94 0.55 0.00	44.41 0.58 0.00	57.09 0.81 0.00	62.00 1.24 0.00	98.86 2.26 0.00	87.18 2.24 0.00	111.09 2.16 0.00	90.36 2.63 0.00	346.52 12.74 0.00	39.54 1.27 0.00	33.32 0.95 0.00	32.97 1.26 0.00	29.67 0.96 0.00	22.80 0.52 0.00	32.25 0.36 0.00
E_FISHKILL__LBMP 23776	42.48 1.96 0.00	40.50 1.70 0.00	35.01 1.53 -0.03	32.89 1.39 -0.05	32.60 1.25 -1.28	40.35 1.30 0.00	50.14 1.66 -0.39	43.32 1.86 0.00	43.18 2.22 0.00	40.75 2.37 0.00	46.56 2.74 0.00	59.75 3.47 0.00	93.74 3.95 -29.04	102.97 6.37 0.00	101.86 6.19 -10.73	135.72 7.80 -18.98	132.72 6.58 -38.41	442.14 24.45 -83.91	110.13 2.71 -69.15	120.15 2.29 -85.48	158.90 2.29 -124.90	41.77 1.95 -11.11	31.95 1.45 -8.22	35.40 1.83 -1.68
FALCON__SEABRD_CC1 323796	39.50 -1.02 0.00	38.15 -0.65 0.00	32.87 -0.58 0.00	31.02 -0.43 0.00	29.78 -0.30 0.00	38.54 -0.51 0.00	47.13 -0.95 0.00	40.47 -1.00 0.00	39.91 -1.06 0.00	37.13 -1.25 0.00	42.22 -1.61 0.00	54.31 -1.97 0.00	59.01 -1.75 0.00	94.12 -2.48 0.00	81.93 -3.01 0.00	106.21 -2.73 0.00	85.56 -2.17 0.00	326.56 -7.23 0.00	37.45 -0.83 0.00	31.63 -0.74 0.00	30.97 -0.73 0.00	27.91 -0.80 0.00	21.40 -0.88 0.00	31.19 -0.70 0.00
FALCON__SEABRD_CC2 323797	39.50 -1.02 0.00	38.15 -0.65 0.00	32.87 -0.58 0.00	31.02 -0.43 0.00	29.78 -0.30 0.00	38.54 -0.51 0.00	47.13 -0.95 0.00	40.47 -1.00 0.00	39.91 -1.06 0.00	37.13 -1.25 0.00	42.22 -1.61 0.00	54.31 -1.97 0.00	59.01 -1.75 0.00	94.12 -2.48 0.00	81.93 -3.01 0.00	106.21 -2.73 0.00	85.56 -2.17 0.00	326.56 -7.23 0.00	37.45 -0.83 0.00	31.63 -0.74 0.00	30.97 -0.73 0.00	27.91 -0.80 0.00	21.40 -0.88 0.00	31.19 -0.70 0.00
FAR ROCKAWAY___4 23548	44.27 3.76 0.00	42.21 3.41 0.00	36.46 2.98 -0.03	34.17 2.67 -0.05	35.81 2.47 -3.26	41.75 2.70 0.00	51.44 2.97 -0.38	44.41 2.95 0.00	44.20 3.24 0.00	42.21 3.82 0.00	48.64 4.67 -0.15	61.83 5.54 0.00	140.70 6.07 -73.87	106.70 10.10 0.00	144.07 9.91 -49.23	169.43 12.16 -48.32	196.04 10.22 -98.09	454.05 38.48 -81.79	115.62 4.13 -73.21	166.85 3.30 -131.18	230.01 3.11 -195.20	72.74 2.97 -41.06	53.86 2.24 -29.34	38.70 3.01 -3.80
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	43.08 2.56 0.00	41.09 2.29 0.00	35.61 2.13 -0.03	33.43 1.94 -0.05	35.12 1.76 -3.28	40.92 1.87 0.00	50.77 2.31 -0.38	44.00 2.53 0.00	44.00 3.04 0.00	41.68 3.30 0.00	47.64 3.82 0.00	61.16 4.87 0.00	140.75 5.51 -74.48	105.52 8.92 0.00	120.92 8.46 -27.52	168.40 10.73 -48.73	195.53 8.89 -98.92	448.70 33.16 -81.76	113.17 3.59 -71.31	167.14 2.97 -131.81	230.76 2.90 -196.16	56.52 2.48 -25.33	42.91 1.87 -18.75	38.19 2.47 -3.83

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	43.13 2.61 0.00	41.14 2.34 0.00	35.66 2.18 -0.03	33.47 1.97 -0.05	35.16 1.80 -3.28	40.97 1.92 0.00	50.83 2.37 -0.38	44.05 2.58 0.00	44.04 3.08 0.00	41.72 3.34 0.00	47.68 3.86 0.00	61.22 4.93 0.00	140.85 5.61 -74.48	105.63 9.03 0.00	121.03 8.57 -27.52	168.53 10.86 -48.73	195.65 9.00 -98.92	449.15 33.61 -81.76	113.23 3.65 -71.31	167.19 3.01 -131.81	230.81 2.95 -196.16	56.57 2.53 -25.33	42.94 1.91 -18.75	38.24 2.52 -3.83
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	43.05 2.53 0.00	41.07 2.27 0.00	35.60 2.12 -0.03	33.41 1.92 -0.05	35.10 1.74 -3.28	40.91 1.86 0.00	50.76 2.30 -0.38	43.98 2.52 0.00	43.98 3.02 0.00	41.65 3.27 0.00	47.60 3.78 0.00	61.11 4.83 0.00	140.72 5.48 -74.48	105.43 8.83 0.00	120.86 8.40 -27.52	168.31 10.64 -48.73	195.46 8.81 -98.92	448.38 32.84 -81.76	113.14 3.56 -71.31	167.11 2.94 -131.81	230.73 2.87 -196.16	56.50 2.45 -25.33	42.89 1.86 -18.75	38.17 2.46 -3.83
FARRAGUT___LBMP 323566	43.00 2.49 0.00	41.02 2.22 0.00	35.57 2.09 -0.03	33.38 1.89 -0.05	35.07 1.71 -3.28	40.86 1.80 0.00	50.69 2.22 -0.38	43.92 2.45 0.00	43.91 2.95 0.00	41.59 3.21 0.00	47.53 3.71 0.00	61.02 4.74 0.00	140.62 5.38 -74.48	105.25 8.64 0.00	120.72 8.25 -27.52	168.14 10.47 -48.73	195.33 8.69 -98.92	447.99 32.45 -81.76	113.08 3.50 -71.31	167.07 2.90 -131.81	230.70 2.84 -196.16	56.46 2.42 -25.33	42.86 1.83 -18.75	38.14 2.42 -3.83
FENNER___WINDPWR 24204	41.42 0.90 0.00	39.64 0.84 0.00	34.21 0.76 0.00	32.17 0.72 0.00	30.80 0.72 0.00	40.15 1.10 0.00	49.65 1.56 0.00	42.91 1.44 0.00	42.43 1.46 0.00	39.80 1.42 0.00	45.48 1.66 0.00	58.45 2.16 0.00	63.07 2.32 0.00	100.24 3.64 0.00	88.03 3.09 0.00	112.40 3.46 0.00	90.48 2.75 0.00	354.36 11.79 -8.79	46.18 1.19 -6.72	35.15 0.97 -1.82	38.91 0.92 -6.29	29.71 1.00 0.00	22.96 0.68 0.00	32.70 0.81 0.00
FIBERTEK___ENERGY 23856	40.61 0.09 0.00	38.78 -0.02 0.00	33.41 -0.04 0.00	31.39 -0.06 0.00	30.07 -0.01 0.00	39.19 0.14 0.00	48.53 0.44 0.00	41.94 0.47 0.00	41.52 0.55 0.00	38.97 0.59 0.00	44.51 0.69 0.00	57.10 0.82 0.00	61.46 0.71 0.00	98.01 1.41 0.00	86.09 1.15 0.00	110.08 1.15 0.00	88.72 0.99 0.00	336.86 3.08 0.00	38.58 0.31 0.00	32.64 0.27 0.00	31.90 0.19 0.00	28.93 0.21 0.00	22.46 0.17 0.00	32.01 0.13 0.00
FITZPATRICK____ 23598	39.77 -0.75 0.00	38.02 -0.78 0.00	32.77 -0.68 0.00	30.81 -0.64 0.00	29.49 -0.59 0.00	38.39 -0.66 0.00	47.46 -0.62 0.00	41.01 -0.46 0.00	40.55 -0.41 0.00	38.03 -0.35 0.00	43.43 -0.39 0.00	55.72 -0.56 0.00	60.02 -0.74 0.00	95.67 -0.93 0.00	83.95 -0.99 0.00	107.41 -1.53 0.00	86.42 -1.30 0.00	328.20 -5.59 0.00	37.62 -0.65 0.00	31.85 -0.52 0.00	31.19 -0.51 0.00	28.32 -0.39 0.00	21.97 -0.31 0.00	31.25 -0.64 0.00
FLOWRFLD_69_KV_BK1 356044	44.32 3.80 0.00	42.56 3.76 0.00	36.81 3.33 -0.03	34.41 2.91 -0.05	36.10 2.77 -3.26	41.90 2.85 0.00	51.36 2.90 -0.38	44.28 2.82 0.00	44.19 3.22 0.00	42.33 3.95 0.00	62.08 4.63 -13.63	199.13 5.54 -137.31	432.32 6.22 -365.35	483.70 10.41 -376.69	557.15 10.23 -461.99	462.54 12.23 -341.38	469.21 10.31 -371.17	770.81 38.73 -398.30	586.05 4.16 -543.61	495.56 3.34 -459.85	389.42 3.04 -354.68	112.54 3.04 -80.79	60.16 2.47 -35.42	43.71 3.21 -8.61
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	42.99 2.47 0.00	40.96 2.16 0.00	35.37 1.90 -0.02	33.20 1.72 -0.03	31.64 1.56 0.00	40.79 1.74 0.00	50.64 2.26 -0.29	43.88 2.42 0.00	43.76 2.80 0.00	41.32 2.94 0.00	47.28 3.46 0.00	60.74 4.45 0.00	75.34 5.00 -9.58	104.78 8.18 0.00	96.34 7.86 -3.54	124.29 10.07 -5.29	96.12 8.39 0.00	447.62 31.04 -82.79	106.08 3.49 -64.32	69.31 2.95 -33.99	97.70 2.79 -63.20	31.08 2.37 0.00	24.01 1.73 0.00	34.08 2.19 0.00
FORT ORANGE____ 23900	41.53 1.01 0.00	39.62 0.82 0.00	34.12 0.70 0.03	32.06 0.65 0.05	31.41 0.59 -0.74	39.64 0.58 0.00	48.61 0.91 0.39	42.40 0.93 0.00	41.94 0.98 0.00	39.14 0.76 0.00	44.47 0.65 0.00	57.08 0.79 0.00	78.62 1.07 -16.79	98.27 1.68 0.00	93.18 2.04 -6.20	122.29 2.38 -10.97	112.32 2.40 -22.19	518.13 10.34 -174.00	174.74 1.18 -135.28	96.55 1.05 -63.13	187.16 0.97 -154.49	34.78 0.64 -5.42	26.72 0.43 -4.01	33.26 0.55 -0.82
FORT_DRUM_COGEN 23780	40.17 -0.35 0.00	38.27 -0.53 0.00	33.35 -0.10 0.00	31.51 0.06 0.00	30.24 0.16 0.00	39.77 0.72 0.00	48.91 0.82 0.00	42.54 1.07 0.00	42.21 1.25 0.00	39.59 1.21 0.00	45.02 1.20 0.00	58.14 1.86 0.00	62.70 1.95 0.00	98.10 1.50 0.00	86.40 1.46 0.00	108.35 -0.58 0.00	86.79 -0.94 0.00	336.21 2.43 0.00	39.30 1.03 0.00	33.43 1.06 0.00	32.13 0.43 0.00	29.52 0.81 0.00	23.12 0.84 0.00	32.78 0.90 0.00
FPL_FAR_ROCK_GT1 24212	44.27 3.76 0.00	42.21 3.40 0.00	36.46 2.98 -0.03	34.17 2.67 -0.05	35.81 2.47 -3.26	41.75 2.70 0.00	51.43 2.97 -0.38	44.43 2.96 0.00	44.20 3.24 0.00	42.20 3.82 0.00	48.63 4.66 -0.15	61.82 5.53 0.00	140.69 6.06 -73.87	106.69 10.08 0.00	144.07 9.90 -49.23	169.43 12.16 -48.32	196.03 10.20 -98.10	453.98 38.41 -81.79	115.61 4.13 -73.21	166.85 3.31 -131.18	230.02 3.12 -195.20	72.73 2.96 -41.06	53.85 2.23 -29.34	38.71 3.01 -3.80
FPL_FAR_ROCK_GT2 23815	44.27 3.76 0.00	42.21 3.40 0.00	36.46 2.98 -0.03	34.17 2.67 -0.05	35.81 2.47 -3.26	41.75 2.70 0.00	51.43 2.97 -0.38	44.43 2.96 0.00	44.20 3.24 0.00	42.20 3.82 0.00	48.63 4.66 -0.15	61.82 5.53 0.00	140.69 6.06 -73.87	106.69 10.08 0.00	144.07 9.90 -49.23	169.43 12.16 -48.32	196.03 10.20 -98.10	453.98 38.41 -81.79	115.61 4.13 -73.21	166.85 3.31 -131.18	230.02 3.12 -195.20	72.73 2.96 -41.06	53.85 2.23 -29.34	38.71 3.01 -3.80
FRANKLIN_FALL_HYD 24054	39.38 -1.14 0.00	37.96 -0.84 0.00	32.66 -0.79 0.00	30.94 -0.51 0.00	29.62 -0.47 0.00	38.42 -0.63 0.00	46.96 -1.13 0.00	40.50 -0.96 0.00	39.85 -1.11 0.00	37.02 -1.36 0.00	42.17 -1.65 0.00	54.33 -1.96 0.00	58.99 -1.77 0.00	93.55 -3.04 0.00	81.81 -3.13 0.00	105.66 -3.27 0.00	85.07 -2.66 0.00	324.98 -8.81 0.00	37.39 -0.89 0.00	31.58 -0.79 0.00	30.92 -0.78 0.00	27.93 -0.79 0.00	21.55 -0.73 0.00	31.21 -0.68 0.00
FREEPORT_EQUS_GT1 23764	43.71 3.19 0.00	41.75 2.95 0.00	36.07 2.59 -0.03	33.80 2.30 -0.05	35.47 2.14 -3.26	41.25 2.20 0.00	50.76 2.29 -0.38	43.84 2.37 0.00	43.76 2.80 0.00	41.75 3.37 0.00	47.83 3.85 -0.15	61.05 4.77 0.00	140.02 5.40 -73.87	105.64 9.04 0.00	143.18 9.02 -49.23	168.31 11.04 -48.32	195.18 9.35 -98.10	450.89 35.32 -81.79	115.21 3.72 -73.21	166.56 3.01 -131.18	229.74 2.84 -195.20	62.89 2.81 -31.37	46.94 2.15 -22.51	38.49 2.80 -3.80
FREEPORT___CT2 23818	43.71 3.19 0.00	41.75 2.95 0.00	36.07 2.59 -0.03	33.80 2.30 -0.05	35.47 2.14 -3.26	41.25 2.20 0.00	50.76 2.29 -0.38	43.84 2.37 0.00	43.76 2.80 0.00	41.75 3.37 0.00	47.83 3.85 -0.15	61.05 4.77 0.00	140.02 5.40 -73.87	105.64 9.04 0.00	143.18 9.02 -49.23	168.31 11.04 -48.32	195.18 9.35 -98.10	450.89 35.32 -81.79	115.21 3.72 -73.21	166.56 3.01 -131.18	229.74 2.84 -195.20	62.89 2.81 -31.37	46.94 2.15 -22.51	38.49 2.80 -3.80

FRESHKLS_33_KV_LOAD 356253	46.90 2.47 -3.92	41.24 2.27 -0.17	35.79 2.14 -0.20	33.46 1.96 -0.05	35.09 1.73 -3.28	40.69 1.78 0.14	50.64 2.18 -0.38	43.99 2.53 0.00	43.94 2.98 0.00	64.91 3.22 -23.31	47.55 3.73 0.00	92.07 4.77 -31.02	157.97 5.47 -91.75	105.91 8.34 -0.97	120.62 8.17 -27.52	167.98 10.32 -48.71	195.38 8.76 -98.89	448.32 32.78 -81.76	113.11 3.53 -71.31	153.07 2.94 -117.76	258.82 2.85 -224.26	88.26 2.46 -57.08	50.43 1.85 -26.29	43.23 2.42 -8.93
FULTON COGEN____ 23766	40.36 -0.16 0.00	38.55 -0.24 0.00	33.22 -0.24 0.00	31.23 -0.22 0.00	29.89 -0.19 0.00	38.97 -0.08 0.00	48.28 0.19 0.00	41.73 0.27 0.00	41.30 0.33 0.00	38.77 0.39 0.00	44.25 0.43 0.00	56.73 0.44 0.00	61.01 0.26 0.00	97.27 0.67 0.00	85.38 0.44 0.00	109.20 0.26 0.00	87.85 0.13 0.00	333.54 -0.24 0.00	38.25 -0.03 0.00	32.41 0.04 0.00	31.71 0.00 0.00	28.78 0.07 0.00	22.34 0.05 0.00	31.73 -0.16 0.00
FULTON____LFGE 323630	44.80 4.29 0.00	42.75 3.95 0.00	36.77 3.34 0.02	34.53 3.12 0.04	33.65 2.99 -0.58	43.12 4.07 0.00	53.22 5.44 0.31	45.89 4.42 0.00	43.83 2.87 0.00	40.72 2.33 0.00	46.46 2.63 0.00	59.64 3.36 0.00	77.47 3.55 -13.16	102.25 5.66 0.00	94.87 5.07 -4.86	123.65 6.10 -8.62	112.35 7.03 -17.60	622.67 44.18 -244.71	231.33 5.14 -187.92	97.21 4.17 -60.67	213.27 4.02 -177.55	32.16 3.45 0.00	24.93 2.65 0.00	35.50 3.62 0.00
G.F.CEMENT____DRP 24184	43.76 3.25 0.00	41.59 2.79 0.00	35.62 2.21 0.03	33.49 2.09 0.06	32.82 2.01 -0.73	41.62 2.57 0.00	50.99 3.36 0.46	44.70 3.23 0.00	44.18 3.22 0.00	41.28 2.90 0.00	47.17 3.35 0.00	60.77 4.49 0.00	82.18 4.90 -16.53	104.65 8.05 0.00	98.43 7.39 -6.11	128.86 9.11 -10.81	117.47 7.85 -21.89	625.41 30.95 -260.68	243.33 3.53 -201.52	116.11 2.90 -80.84	250.32 2.86 -215.75	36.55 2.46 -5.38	27.95 1.69 -3.98	35.05 2.36 -0.81
GARDENVILLE____LBMP 24039	40.11 -0.41 0.00	38.27 -0.53 0.00	32.78 -0.68 0.00	30.89 -0.56 0.00	29.72 -0.36 0.00	39.24 0.19 0.00	49.06 0.98 0.00	42.44 0.98 0.00	41.97 1.01 0.00	39.55 1.17 0.00	45.21 1.39 0.00	57.71 1.42 0.00	61.29 0.54 0.00	99.05 2.45 0.00	86.05 1.12 0.00	109.32 0.38 0.00	86.79 -0.94 0.00	339.82 -6.81 -12.84	47.31 -0.77 -9.80	34.64 -0.37 -2.64	40.61 -0.16 -9.07	28.86 0.15 0.00	22.47 0.19 0.00	32.12 0.24 0.00
GARDNVLA_35_KV_LD 355827	40.30 -0.21 0.00	38.46 -0.34 0.00	32.91 -0.54 0.00	31.02 -0.43 0.00	29.86 -0.22 0.00	39.41 0.36 0.00	49.29 1.20 0.00	42.65 1.18 0.00	42.18 1.22 0.00	39.74 1.36 0.00	45.45 1.63 0.00	58.06 1.77 0.00	61.72 0.97 0.00	99.77 3.17 0.00	86.73 1.79 0.00	110.20 1.26 0.00	87.48 -0.26 0.00	342.21 -4.52 -12.95	47.63 -0.50 -9.86	34.86 -0.16 -2.66	40.87 0.04 -9.13	29.03 0.32 0.00	22.58 0.30 0.00	32.29 0.40 0.00
GELCKHM__115KV_LOAD 80723	40.43 -0.09 0.00	38.62 -0.18 0.00	33.27 -0.18 0.00	31.26 -0.18 0.00	29.94 -0.14 0.00	39.02 -0.04 0.00	48.30 0.22 0.00	41.74 0.28 0.00	41.33 0.37 0.00	38.78 0.40 0.00	44.29 0.47 0.00	56.84 0.56 0.00	61.20 0.45 0.00	97.60 1.00 0.00	85.70 0.76 0.00	109.63 0.69 0.00	88.27 0.54 0.00	335.11 1.33 0.00	38.39 0.12 0.00	32.48 0.12 0.00	31.78 0.07 0.00	28.83 0.12 0.00	22.37 0.09 0.00	31.84 -0.05 0.00
GENERAL____MILLS 23808	40.20 -0.32 0.00	38.37 -0.43 0.00	32.85 -0.60 0.00	30.96 -0.50 0.00	29.79 -0.30 0.00	39.33 0.28 0.00	49.17 1.09 0.00	42.53 1.07 0.00	42.05 1.09 0.00	39.65 1.27 0.00	45.34 1.52 0.00	57.87 1.59 0.00	61.49 0.74 0.00	99.43 2.83 0.00	86.38 1.44 0.00	109.76 0.83 0.00	87.11 -0.63 0.00	340.94 -5.76 -12.92	47.49 -0.63 -9.84	34.75 -0.27 -2.65	40.75 -0.06 -9.11	28.95 0.24 0.00	22.52 0.24 0.00	32.21 0.32 0.00
GE_PLASTICS____DRP 24183	41.63 1.12 0.00	39.75 0.95 0.00	34.25 0.82 0.02	32.18 0.77 0.04	31.52 0.70 -0.73	39.80 0.74 0.00	48.82 1.05 0.32	42.51 1.05 0.00	42.10 1.14 0.00	39.32 0.94 0.00	44.57 0.75 0.00	57.06 0.78 0.00	78.48 1.02 -16.70	98.18 1.58 0.00	93.20 2.09 -6.17	122.32 2.46 -10.92	112.16 2.34 -22.09	502.24 9.42 -159.04	163.18 1.08 -123.83	93.21 0.97 -59.86	176.31 0.90 -143.70	34.80 0.68 -5.41	26.77 0.48 -4.01	33.40 0.70 -0.82
GILBOA____1 23756	42.25 1.73 0.00	40.33 1.53 0.00	34.80 1.35 0.00	32.71 1.26 0.00	31.71 1.17 -0.47	40.42 1.36 0.00	49.86 1.77 0.00	43.09 1.62 0.00	42.69 1.73 0.00	39.69 1.31 0.00	45.29 1.46 0.00	58.13 1.85 0.00	73.39 2.01 -10.63	99.55 2.95 0.00	91.47 2.61 -3.93	118.76 2.88 -6.95	104.36 2.58 -14.05	417.73 9.16 -74.78	97.18 1.12 -57.79	57.23 1.18 -23.68	88.32 1.22 -55.39	29.75 1.04 0.00	23.02 0.74 0.00	32.81 0.93 0.00
GILBOA____2 23757	42.25 1.73 0.00	40.33 1.53 0.00	34.80 1.35 0.00	32.71 1.26 0.00	31.71 1.17 -0.47	40.42 1.36 0.00	49.86 1.77 0.00	43.09 1.62 0.00	42.69 1.73 0.00	39.69 1.31 0.00	45.29 1.46 0.00	58.13 1.85 0.00	73.39 2.01 -10.63	99.55 2.95 0.00	91.47 2.61 -3.93	118.76 2.88 -6.95	104.36 2.58 -14.05	417.73 9.16 -74.78	97.18 1.12 -57.79	57.23 1.18 -23.68	88.32 1.22 -55.39	29.75 1.04 0.00	23.02 0.74 0.00	32.81 0.93 0.00
GILBOA____3 23758	42.25 1.73 0.00	40.33 1.53 0.00	34.80 1.35 0.00	32.71 1.26 0.00	31.71 1.17 -0.47	40.42 1.36 0.00	49.86 1.77 0.00	43.09 1.62 0.00	42.69 1.73 0.00	39.69 1.31 0.00	45.29 1.46 0.00	58.13 1.85 0.00	73.39 2.01 -10.63	99.55 2.95 0.00	91.47 2.61 -3.93	118.76 2.88 -6.95	104.36 2.58 -14.05	417.73 9.16 -74.78	97.18 1.12 -57.79	57.23 1.18 -23.68	88.32 1.22 -55.39	29.75 1.04 0.00	23.02 0.74 0.00	32.81 0.93 0.00
GILBOA____4 23759	42.25 1.73 0.00	40.33 1.53 0.00	34.80 1.35 0.00	32.71 1.26 0.00	31.71 1.17 -0.47	40.42 1.36 0.00	49.86 1.77 0.00	43.09 1.62 0.00	42.69 1.73 0.00	39.69 1.31 0.00	45.29 1.46 0.00	58.13 1.85 0.00	73.39 2.01 -10.63	99.55 2.95 0.00	91.47 2.61 -3.93	118.76 2.88 -6.95	104.36 2.58 -14.05	417.73 9.16 -74.78	97.18 1.12 -57.79	57.23 1.18 -23.68	88.32 1.22 -55.39	29.75 1.04 0.00	23.02 0.74 0.00	32.81 0.93 0.00
GILBOA____ 23599	42.25 1.73 0.00	40.33 1.53 0.00	34.80 1.35 0.00	32.70 1.25 0.00	31.71 1.17 -0.47	40.42 1.36 0.00	49.86 1.77 0.00	43.08 1.62 0.00	42.70 1.74 0.00	39.69 1.31 0.00	45.28 1.46 0.00	58.13 1.85 0.00	73.39 2.01 -10.63	99.53 2.93 0.00	91.47 2.61 -3.93	118.78 2.89 -6.95	104.35 2.57 -14.05	417.70 9.14 -74.78	97.18 1.11 -57.79	57.23 1.18 -23.68	88.31 1.22 -55.39	29.75 1.04 0.00	23.03 0.75 0.00	32.81 0.92 0.00
GINNA____ 23603	39.08 -1.44 0.00	37.26 -1.54 0.00	31.98 -1.48 0.00	30.04 -1.41 0.00	28.81 -1.27 0.00	37.77 -1.28 0.00	47.03 -1.06 0.00	40.75 -0.71 0.00	40.31 -0.65 0.00	37.82 -0.57 0.00	43.28 -0.54 0.00	55.42 -0.86 0.00	59.34 -1.41 0.00	95.19 -1.41 0.00	83.20 -1.74 0.00	106.34 -2.60 0.00	85.19 -2.54 0.00	330.73 -11.61 -8.55	43.50 -1.31 -6.54	33.12 -1.01 -1.76	36.81 -0.94 -6.05	27.97 -0.74 0.00	21.70 -0.58 0.00	30.86 -1.03 0.00

GLEN PARK____ 23778	40.53 0.02 0.00	38.60 -0.19 0.00	33.62 0.17 0.00	31.73 0.28 0.00	30.47 0.39 0.00	40.09 1.04 0.00	49.38 1.29 0.00	42.95 1.48 0.00	42.60 1.63 0.00	39.99 1.61 0.00	45.42 1.60 0.00	58.73 2.45 0.00	63.31 2.55 0.00	98.84 2.24 0.00	86.94 2.01 0.00	109.01 0.07 0.00	87.35 -0.38 0.00	338.60 4.82 0.00	39.69 1.42 0.00	33.78 1.42 0.00	32.50 0.80 0.00	29.83 1.12 0.00	23.33 1.05 0.00	33.05 1.16 0.00
GLENDAL_27_KV_LOAD 356172	43.20 2.68 0.00	41.20 2.40 0.00	35.70 2.22 -0.03	33.51 2.01 -0.05	35.24 1.88 -3.28	41.12 2.07 0.00	50.96 2.49 -0.38	44.13 2.66 0.00	44.16 3.20 0.00	41.85 3.47 0.00	47.78 3.96 0.00	61.37 5.09 0.00	141.00 5.79 -74.46	105.75 9.15 0.00	121.15 8.70 -27.52	168.64 10.99 -48.71	195.80 9.18 -98.89	449.71 34.16 -81.76	113.25 3.67 -71.31	152.23 3.02 -116.83	168.48 2.94 -133.84	42.79 2.56 -11.52	39.69 1.94 -15.47	38.32 2.60 -3.83
GLENWOOD_IC_1_G5 23712	43.45 2.93 0.00	41.48 2.68 0.00	35.86 2.38 -0.03	33.64 2.14 -0.05	35.30 1.97 -3.26	41.13 2.08 0.00	50.84 2.38 -0.38	43.97 2.50 0.00	43.93 2.97 0.00	41.78 3.40 0.00	47.76 3.79 -0.15	61.02 4.74 0.00	140.00 5.38 -73.87	105.50 8.90 0.00	142.88 8.72 -49.23	168.08 10.82 -48.32	194.90 9.07 -98.09	449.48 33.91 -81.79	115.09 3.61 -73.21	166.49 2.95 -131.18	229.71 2.80 -195.20	61.39 2.54 -30.13	45.40 1.89 -21.23	38.09 2.41 -3.80
GLENWOOD_IC_2_G1 23688	43.18 2.67 0.00	41.22 2.41 0.00	35.65 2.17 -0.03	33.45 1.96 -0.05	35.12 1.79 -3.26	40.94 1.88 0.00	50.65 2.18 -0.38	43.81 2.34 0.00	43.74 2.78 0.00	41.52 3.14 0.00	47.66 3.68 -0.15	60.91 4.63 0.00	139.85 5.22 -73.87	105.17 8.57 0.00	142.49 8.33 -49.23	167.64 10.38 -48.32	194.51 8.68 -98.10	447.95 32.38 -81.79	114.99 3.50 -73.21	166.43 2.88 -131.18	229.69 2.78 -195.20	60.38 2.49 -29.19	44.06 1.85 -19.93	38.08 2.39 -3.80
GLENWOOD_IC_3_G1 23689	43.18 2.67 0.00	41.22 2.41 0.00	35.65 2.17 -0.03	33.45 1.96 -0.05	35.12 1.79 -3.26	40.94 1.88 0.00	50.65 2.18 -0.38	43.81 2.34 0.00	43.74 2.78 0.00	41.52 3.14 0.00	47.66 3.68 -0.15	60.91 4.63 0.00	139.85 5.22 -73.87	105.17 8.57 0.00	142.49 8.33 -49.23	167.64 10.38 -48.32	194.51 8.68 -98.10	447.95 32.38 -81.79	114.99 3.50 -73.21	166.43 2.88 -131.18	229.69 2.78 -195.20	60.38 2.49 -29.19	44.06 1.85 -19.93	38.08 2.39 -3.80
GLENWOOD____4 23550	43.45 2.93 0.00	41.48 2.68 0.00	35.86 2.38 -0.03	33.64 2.14 -0.05	35.30 1.97 -3.26	41.13 2.08 0.00	50.84 2.38 -0.38	43.97 2.50 0.00	43.93 2.97 0.00	41.79 3.40 0.00	47.85 3.88 -0.15	61.15 4.87 0.00	140.15 5.52 -73.87	105.73 9.13 0.00	143.07 8.91 -49.23	168.36 11.10 -48.32	195.12 9.30 -98.09	450.16 34.59 -81.79	115.18 3.70 -73.21	166.56 3.02 -131.18	229.79 2.89 -195.20	61.46 2.61 -30.13	45.46 1.94 -21.23	38.17 2.48 -3.80
GLENWOOD____5 23614	43.45 2.93 0.00	41.48 2.68 0.00	35.86 2.38 -0.03	33.64 2.14 -0.05	35.30 1.97 -3.26	41.13 2.08 0.00	50.84 2.38 -0.38	43.97 2.50 0.00	43.93 2.97 0.00	41.79 3.40 0.00	47.85 3.88 -0.15	61.15 4.87 0.00	140.15 5.52 -73.87	105.73 9.13 0.00	143.07 8.91 -49.23	168.36 11.10 -48.32	195.12 9.30 -98.09	450.16 34.59 -81.79	115.18 3.70 -73.21	166.56 3.02 -131.18	229.79 2.89 -195.20	61.46 2.61 -30.13	45.46 1.94 -21.23	38.17 2.48 -3.80
GLOBAL GREEN_PORT_GT1 23814	46.42 5.90 0.00	44.49 5.69 0.00	38.45 4.97 -0.03	35.91 4.41 -0.05	37.56 4.23 -3.26	43.79 4.74 0.00	53.78 5.31 -0.38	46.52 5.06 0.00	46.58 5.62 0.00	44.77 6.39 0.00	59.09 7.51 -7.76	161.94 9.33 -96.32	347.32 8.64 -277.92	342.66 14.35 -231.71	350.97 14.13 -251.91	306.96 16.87 -181.16	331.71 14.30 -229.68	601.70 53.73 -214.19	319.83 5.62 -275.94	338.28 5.16 -300.76	319.77 5.16 -282.91	89.73 4.95 -56.06	57.81 3.83 -31.70	44.74 5.04 -7.82
GLOBE____DSASP 323697	39.04 -1.48 0.00	37.28 -1.52 0.00	31.85 -1.60 0.00	30.01 -1.44 0.00	28.88 -1.21 0.00	38.14 -0.91 0.00	47.70 -0.39 0.00	41.22 -0.24 0.00	40.72 -0.24 0.00	38.32 -0.06 0.00	43.91 0.09 0.00	55.94 -0.34 0.00	58.86 -1.90 0.00	95.01 -1.59 0.00	82.30 -2.64 0.00	104.46 -4.47 0.00	82.88 -4.84 0.01	323.24 -22.04 -11.49	44.78 -2.42 -8.92	33.08 -1.69 -2.40	38.52 -1.44 -8.25	27.83 -0.88 0.00	21.72 -0.56 0.00	31.23 -0.66 0.00
GOETHSLN____LBMP 323567	42.45 2.23 0.29	39.70 1.99 1.09	35.39 1.91 -0.03	33.22 1.72 -0.05	34.90 1.53 -3.28	40.45 1.54 0.14	50.34 1.87 -0.38	43.65 2.18 0.00	43.65 2.69 0.00	41.24 2.95 0.10	47.24 3.42 0.00	58.72 4.36 -15.56	81.30 4.99 5.05	99.59 8.05 5.05	112.79 7.72 -20.14	120.03 9.73 -1.35	137.47 8.12 -41.62	432.25 30.27 -68.20	110.94 3.28 -69.39	127.14 2.71 -92.07	221.57 2.64 -187.23	56.30 2.26 -25.33	42.76 1.72 -18.75	38.02 2.31 -3.83
GOLAH____69_KV_TB 1_2 80279	41.07 0.55 0.00	39.18 0.38 0.00	33.55 0.10 0.00	31.57 0.12 0.00	30.33 0.25 0.00	39.80 0.75 0.00	49.65 1.56 0.00	43.16 1.69 0.00	42.65 1.69 0.00	40.12 1.74 0.00	45.66 1.83 0.00	58.43 2.15 0.00	62.47 1.72 0.00	100.55 3.95 0.00	87.36 2.42 0.00	111.38 2.44 0.00	88.90 1.17 0.00	345.17 2.29 -9.09	45.58 0.36 -6.95	34.76 0.51 -1.87	38.82 0.68 -6.43	29.52 0.81 0.00	22.91 0.63 0.00	32.66 0.78 0.00
GOODYEAR_LAKE_HYD 323669	42.43 1.91 0.00	40.52 1.72 0.00	34.95 1.50 0.00	32.86 1.41 0.00	31.44 1.36 0.00	40.88 1.83 0.00	50.59 2.51 0.00	43.83 2.36 0.00	43.32 2.36 0.00	40.56 2.18 0.00	46.33 2.51 0.00	59.52 3.24 0.00	64.16 3.41 0.00	102.13 5.53 0.00	89.74 4.80 0.00	114.74 5.80 0.00	92.63 4.90 0.00	447.76 18.44 -95.53	113.40 2.11 -73.02	53.82 1.79 -19.66	101.49 1.76 -68.03	30.28 1.57 0.00	23.46 1.18 0.00	33.37 1.48 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	40.94 0.42 0.00	39.11 0.31 0.00	33.73 0.27 0.00	31.78 0.33 0.00	30.46 0.38 0.00	39.73 0.68 0.00	49.18 1.09 0.00	42.52 1.05 0.00	42.13 1.17 0.00	39.55 1.17 0.00	45.01 1.19 0.00	57.81 1.53 0.00	62.16 1.40 0.00	99.25 2.66 0.00	87.33 2.40 0.00	111.51 2.58 0.00	89.77 2.04 0.00	368.08 7.30 -26.99	59.65 0.74 -20.63	38.62 0.70 -5.56	51.44 0.64 -19.09	29.32 0.61 0.00	22.75 0.47 0.00	32.40 0.52 0.00
GOUDEY____7 23579	40.98 0.46 0.00	39.15 0.35 0.00	33.76 0.31 0.00	31.81 0.37 0.00	30.49 0.41 0.00	39.77 0.72 0.00	49.23 1.14 0.00	42.57 1.10 0.00	42.18 1.22 0.00	39.61 1.23 0.00	45.09 1.26 0.00	57.89 1.61 0.00	62.26 1.51 0.00	99.43 2.83 0.00	87.50 2.57 0.00	111.70 2.77 0.00	89.93 2.20 0.00	368.62 7.84 -26.99	59.70 0.80 -20.63	38.67 0.75 -5.56	51.47 0.68 -19.09	29.35 0.64 0.00	22.77 0.49 0.00	32.43 0.54 0.00
GOUDEY____8 23580	40.94 0.42 0.00	39.11 0.31 0.00	33.73 0.27 0.00	31.78 0.33 0.00	30.46 0.38 0.00	39.73 0.68 0.00	49.18 1.09 0.00	42.52 1.05 0.00	42.13 1.17 0.00	39.55 1.17 0.00	45.01 1.19 0.00	57.81 1.53 0.00	62.16 1.40 0.00	99.25 2.66 0.00	87.33 2.40 0.00	111.51 2.58 0.00	89.77 2.04 0.00	368.08 7.30 -26.99	59.65 0.74 -20.63	38.62 0.70 -5.56	51.44 0.64 -19.09	29.32 0.61 0.00	22.75 0.47 0.00	32.40 0.52 0.00

GOWANUS_GT1_1 24077	47.03 2.60 -3.92	41.32 2.34 -0.17	35.85 2.19 -0.20	33.50 2.00 -0.05	35.18 1.82 -3.28	41.00 1.95 0.00	50.84 2.37 -0.38	44.10 2.64 0.00	44.09 3.13 0.00	65.18 3.41 -23.38	47.66 3.84 0.00	92.26 4.96 -31.02	158.17 5.66 -91.75	106.09 8.53 -0.97	120.60 8.15 -27.52	167.95 10.30 -48.71	195.33 8.72 -98.89	447.93 32.39 -81.76	113.02 3.44 -71.31	153.01 2.89 -117.76	258.78 2.82 -224.26	88.21 2.43 -57.08	50.44 1.86 -26.29	43.31 2.50 -8.93
GOWANUS_GT1_2 24078	47.03 2.60 -3.92	41.32 2.34 -0.17	35.85 2.19 -0.20	33.50 2.00 -0.05	35.18 1.82 -3.28	41.00 1.95 0.00	50.84 2.37 -0.38	44.10 2.64 0.00	44.09 3.13 0.00	65.18 3.41 -23.38	47.66 3.84 0.00	92.26 4.96 -31.02	158.17 5.66 -91.75	106.09 8.53 -0.97	120.60 8.15 -27.52	167.95 10.30 -48.71	195.33 8.72 -98.89	447.93 32.39 -81.76	113.02 3.44 -71.31	153.01 2.89 -117.76	258.78 2.82 -224.26	88.21 2.43 -57.08	50.44 1.86 -26.29	43.31 2.50 -8.93
GOWANUS_GT1_3 24079	47.03 2.60 -3.92	41.32 2.34 -0.17	35.85 2.19 -0.20	33.50 2.00 -0.05	35.18 1.82 -3.28	41.00 1.95 0.00	50.84 2.37 -0.38	44.10 2.64 0.00	44.09 3.13 0.00	65.18 3.41 -23.38	47.66 3.84 0.00	92.26 4.96 -31.02	158.17 5.66 -91.75	106.09 8.53 -0.97	120.60 8.15 -27.52	167.95 10.30 -48.71	195.33 8.72 -98.89	447.93 32.39 -81.76	113.02 3.44 -71.31	153.01 2.89 -117.76	258.78 2.82 -224.26	88.21 2.43 -57.08	50.44 1.86 -26.29	43.31 2.50 -8.93
GOWANUS_GT1_4 24080	47.03 2.60 -3.92	41.32 2.34 -0.17	35.85 2.19 -0.20	33.50 2.00 -0.05	35.18 1.82 -3.28	41.00 1.95 0.00	50.84 2.37 -0.38	44.10 2.64 0.00	44.09 3.13 0.00	65.18 3.41 -23.38	47.66 3.84 0.00	92.26 4.96 -31.02	158.17 5.66 -91.75	106.09 8.53 -0.97	120.60 8.15 -27.52	167.95 10.30 -48.71	195.33 8.72 -98.89	447.93 32.39 -81.76	113.02 3.44 -71.31	153.01 2.89 -117.76	258.78 2.82 -224.26	88.21 2.43 -57.08	50.44 1.86 -26.29	43.31 2.50 -8.93
GOWANUS_GT1_5 24084	47.03 2.60 -3.92	41.32 2.34 -0.17	35.85 2.19 -0.20	33.50 2.00 -0.05	35.18 1.82 -3.28	41.00 1.95 0.00	50.84 2.37 -0.38	44.10 2.64 0.00	44.09 3.13 0.00	65.18 3.41 -23.38	47.66 3.84 0.00	92.26 4.96 -31.02	158.17 5.66 -91.75	106.09 8.53 -0.97	120.60 8.15 -27.52	167.95 10.30 -48.71	195.33 8.72 -98.89	447.93 32.39 -81.76	113.02 3.44 -71.31	153.01 2.89 -117.76	258.78 2.82 -224.26	88.21 2.43 -57.08	50.44 1.86 -26.29	43.31 2.50 -8.93
GOWANUS_GT1_6 24111	47.03 2.60 -3.92	41.32 2.34 -0.17	35.85 2.19 -0.20	33.50 2.00 -0.05	35.18 1.82 -3.28	41.00 1.95 0.00	50.84 2.37 -0.38	44.10 2.64 0.00	44.09 3.13 0.00	65.18 3.41 -23.38	47.66 3.84 0.00	92.26 4.96 -31.02	158.17 5.66 -91.75	106.09 8.53 -0.97	120.60 8.15 -27.52	167.95 10.30 -48.71	195.33 8.72 -98.89	447.93 32.39 -81.76	113.02 3.44 -71.31	153.01 2.89 -117.76	258.78 2.82 -224.26	88.21 2.43 -57.08	50.44 1.86 -26.29	43.31 2.50 -8.93
GOWANUS_GT1_7 24112	47.03 2.60 -3.92	41.32 2.34 -0.17	35.85 2.19 -0.20	33.50 2.00 -0.05	35.18 1.82 -3.28	41.00 1.95 0.00	50.84 2.37 -0.38	44.10 2.64 0.00	44.09 3.13 0.00	65.18 3.41 -23.38	47.66 3.84 0.00	92.26 4.96 -31.02	158.17 5.66 -91.75	106.09 8.53 -0.97	120.60 8.15 -27.52	167.95 10.30 -48.71	195.33 8.72 -98.89	447.93 32.39 -81.76	113.02 3.44 -71.31	153.01 2.89 -117.76	258.78 2.82 -224.			

GOWANUS_GT2_8 24121	47.03 2.59 -3.92	41.32 2.35 -0.17	35.85 2.20 -0.20	33.51 2.01 -0.05	35.18 1.82 -3.28	41.00 1.95 0.00	50.84 2.37 -0.38	44.10 2.63 0.00	44.09 3.13 0.00	65.17 3.41 -23.38	47.66 3.84 0.00	92.25 4.95 -31.02	158.17 5.67 -91.75	106.10 8.53 -0.97	120.60 8.15 -27.52	167.91 10.26 -48.71	195.32 8.70 -98.89	447.87 32.33 -81.76	113.01 3.43 -71.31	153.01 2.88 -117.76	258.77 2.80 -224.26	88.21 2.42 -57.08	50.43 1.85 -26.29	43.31 2.50 -8.93
GOWANUS_GT3_1 24122	47.03 2.59 -3.92	41.32 2.35 -0.17	35.85 2.20 -0.20	33.51 2.01 -0.05	35.18 1.82 -3.28	41.00 1.95 0.00	50.84 2.37 -0.38	44.10 2.63 0.00	44.09 3.13 0.00	65.17 3.41 -23.38	47.67 3.85 0.00	92.27 4.97 -31.02	158.18 5.68 -91.75	106.11 8.54 -0.97	120.60 8.15 -27.52	167.93 10.28 -48.71	195.32 8.70 -98.89	447.95 32.41 -81.76	113.02 3.44 -71.31	153.01 2.89 -117.76	258.78 2.81 -224.26	88.21 2.42 -57.08	50.43 1.85 -26.29	43.31 2.50 -8.93
GOWANUS_GT3_2 24123	47.03 2.59 -3.92	41.32 2.35 -0.17	35.85 2.20 -0.20	33.51 2.01 -0.05	35.18 1.82 -3.28	41.00 1.95 0.00	50.84 2.37 -0.38	44.10 2.63 0.00	44.09 3.13 0.00	65.17 3.41 -23.38	47.67 3.85 0.00	92.27 4.97 -31.02	158.18 5.68 -91.75	106.11 8.54 -0.97	120.60 8.15 -27.52	167.93 10.28 -48.71	195.32 8.70 -98.89	447.95 32.41 -81.76	113.02 3.44 -71.31	153.01 2.89 -117.76	258.78 2.81 -224.26	88.21 2.42 -57.08	50.43 1.85 -26.29	43.31 2.50 -8.93
GOWANUS_GT3_3 24124	47.03 2.59 -3.92	41.32 2.35 -0.17	35.85 2.20 -0.20	33.51 2.01 -0.05	35.18 1.82 -3.28	41.00 1.95 0.00	50.84 2.37 -0.38	44.10 2.63 0.00	44.09 3.13 0.00	65.17 3.41 -23.38	47.67 3.85 0.00	92.27 4.97 -31.02	158.18 5.68 -91.75	106.11 8.54 -0.97	120.60 8.15 -27.52	167.93 10.28 -48.71	195.32 8.70 -98.89	447.95 32.41 -81.76	113.02 3.44 -71.31	153.01 2.89 -117.76	258.78 2.81 -224.26	88.21 2.42 -57.08	50.43 1.85 -26.29	43.31 2.50 -8.93
GOWANUS_GT3_4 24125	47.03 2.59 -3.92	41.32 2.35 -0.17	35.85 2.20 -0.20	33.51 2.01 -0.05	35.18 1.82 -3.28	41.00 1.95 0.00	50.84 2.37 -0.38	44.10 2.63 0.00	44.09 3.13 0.00	65.17 3.41 -23.38	47.67 3.85 0.00	92.27 4.97 -31.02	158.18 5.68 -91.75	106.11 8.54 -0.97	120.60 8.15 -27.52	167.93 10.28 -48.71	195.32 8.70 -98.89	447.95 32.41 -81.76	113.02 3.44 -71.31	153.01 2.89 -117.76	258.78 2.81 -224.26	88.21 2.42 -57.08	50.43 1.85 -26.29	43.31 2.50 -8.93
GOWANUS_GT3_5 24126	47.03 2.59 -3.92	41.32 2.35 -0.17	35.85 2.20 -0.20	33.51 2.01 -0.05	35.18 1.82 -3.28	41.00 1.95 0.00	50.84 2.37 -0.38	44.10 2.63 0.00	44.09 3.13 0.00	65.17 3.41 -23.38	47.67 3.85 0.00	92.27 4.97 -31.02	158.18 5.68 -91.75	106.11 8.54 -0.97	120.60 8.15 -27.52	167.93 10.28 -48.71	195.32 8.70 -98.89	447.95 32.41 -81.76	113.02 3.44 -71.31	153.01 2.89 -117.76	258.78 2.81 -224.26	88.21 2.42 -57.08	50.43 1.85 -26.29	43.31 2.50 -8.93
GOWANUS_GT3_6 24127	47.03 2.59 -3.92	41.32 2.35 -0.17	35.85 2.20 -0.20	33.51 2.01 -0.05	35.18 1.82 -3.28	41.00 1.95 0.00	50.84 2.37 -0.38	44.10 2.63 0.00	44.09 3.13 0.00	65.17 3.41 -23.38	47.67 3.85 0.00	92.27 4.97 -31.02	158.18 5.68 -91.75	106.11 8.54 -0.97	120.60 8.15 -27.52	167.93 10.28 -48.71	195.32 8.70 -98.89	447.95 32.41 -81.76	113.02 3.44 -71.31	153.01 2.89 -117.76	258.78 2.81 -224.			

GOWANUS_GT4_7 24136	47.03 2.60 -3.92	41.32 2.34 -0.17	35.85 2.19 -0.20	33.50 2.00 -0.05	35.18 1.82 -3.28	41.00 1.95 0.00	50.84 2.37 -0.38	44.10 2.64 0.00	44.09 3.13 0.00	65.17 3.41 -23.38	47.66 3.84 0.00	92.25 4.95 -31.02	158.16 5.65 -91.75	106.09 8.53 -0.97	120.60 8.15 -27.52	167.92 10.27 -48.71	195.32 8.70 -98.89	447.91 32.37 -81.76	113.02 3.44 -71.31	153.01 2.88 -117.76	258.78 2.81 -224.26	88.21 2.43 -57.08	50.44 1.86 -26.29	43.31 2.50 -8.93
GOWANUS_GT4_8 24137	47.03 2.60 -3.92	41.32 2.34 -0.17	35.85 2.19 -0.20	33.50 2.00 -0.05	35.18 1.82 -3.28	41.00 1.95 0.00	50.84 2.37 -0.38	44.10 2.64 0.00	44.09 3.13 0.00	65.17 3.41 -23.38	47.66 3.84 0.00	92.25 4.95 -31.02	158.16 5.65 -91.75	106.09 8.53 -0.97	120.60 8.15 -27.52	167.92 10.27 -48.71	195.32 8.70 -98.89	447.91 32.37 -81.76	113.02 3.44 -71.31	153.01 2.88 -117.76	258.78 2.81 -224.26	88.21 2.43 -57.08	50.44 1.86 -26.29	43.31 2.50 -8.93
GREENBSH_115KV_TB3 55895	41.47 0.96 0.00	39.58 0.78 0.00	34.10 0.67 0.03	32.04 0.64 0.05	31.41 0.57 -0.75	39.62 0.56 0.00	48.51 0.84 0.41	42.33 0.87 0.00	41.91 0.95 0.00	39.19 0.81 0.00	44.59 0.76 0.00	57.19 0.91 0.00	79.11 1.18 -17.17	98.41 1.81 0.00	93.39 2.11 -6.35	122.64 2.48 -11.23	112.86 2.41 -22.72	521.47 9.74 -177.95	177.75 1.11 -138.36	97.98 1.00 -64.62	190.57 0.92 -157.94	34.91 0.67 -5.53	26.81 0.44 -4.09	33.29 0.57 -0.83
GREENDGE_115KV_TB5 80291	40.74 0.23 0.00	38.90 0.10 0.00	33.79 0.34 0.00	31.84 0.39 0.00	30.51 0.43 0.00	39.72 0.67 0.00	49.47 1.38 0.00	42.93 1.46 0.00	42.49 1.53 0.00	40.01 1.63 0.00	45.54 1.71 0.00	58.24 1.96 0.00	62.45 1.70 0.00	100.12 3.52 0.00	87.98 3.04 0.00	112.15 3.21 0.00	90.10 2.38 0.00	357.93 8.63 -15.52	51.02 0.88 -11.86	36.51 0.94 -3.20	43.49 0.81 -10.98	29.54 0.83 0.00	22.93 0.65 0.00	32.45 0.57 0.00
GREENIDGE___3 23582	40.74 0.23 0.00	38.90 0.10 0.00	33.79 0.34 0.00	31.84 0.39 0.00	30.51 0.43 0.00	39.72 0.67 0.00	49.47 1.38 0.00	42.93 1.46 0.00	42.49 1.53 0.00	40.01 1.63 0.00	45.54 1.71 0.00	58.24 1.96 0.00	62.45 1.70 0.00	100.12 3.52 0.00	87.98 3.04 0.00	112.15 3.21 0.00	90.10 2.38 0.00	357.93 8.63 -15.52	51.02 0.88 -11.86	36.51 0.94 -3.20	43.49 0.81 -10.98	29.54 0.83 0.00	22.93 0.65 0.00	32.45 0.57 0.00
GREENIDGE___4 23583	40.75 0.23 0.00	38.90 0.10 0.00	33.79 0.34 0.00	31.84 0.39 0.00	30.51 0.43 0.00	39.73 0.67 0.00	49.47 1.38 0.00	42.93 1.46 0.00	42.49 1.53 0.00	40.00 1.62 0.00	45.54 1.72 0.00	58.24 1.96 0.00	62.45 1.70 0.00	100.11 3.51 0.00	87.97 3.03 0.00	112.16 3.22 0.00	90.12 2.39 0.00	357.93 8.62 -15.52	51.02 0.88 -11.86	36.51 0.94 -3.20	43.50 0.81 -10.98	29.54 0.83 0.00	22.93 0.66 0.00	32.45 0.56 0.00
GREENLWN_69_KV_BK 3 55738	43.32 2.81 0.00	41.63 2.83 0.00	36.02 2.54 -0.03	33.74 2.24 -0.05	35.42 2.08 -3.26	41.03 1.97 0.00	50.20 1.73 -0.38	43.24 1.78 0.00	43.11 2.15 0.00	41.30 2.92 0.00	44.17 3.44 3.09	38.28 4.18 22.18	92.14 4.85 -26.54	25.04 8.19 79.75	28.19 8.33 65.08	82.50 10.13 36.56	116.85 8.59 -20.53	356.27 32.09 9.61	-20.13 3.39 61.79	78.18 2.65 -43.17	189.14 2.42 -155.02	43.95 2.39 -12.85	40.92 1.94 -16.70	37.23 2.30 -3.04
GREENWD_138_KV_38B11_REV_LBMP_J 345004	47.03 2.60 -3.92	41.32 2.34 -0.17	35.85 2.19 -0.20	33.50 2.00 -0.05	35.18 1.82 -3.28	41.00 1.95 0.00	50.84 2.37 -0.38	44.10 2.64 0.00	44.09 3.13 0.00	65.18 3.41 -23.38	47.66 3.84 0.00	92.26 4.96 -31.02	158.17 5.66 -91.75	106.10 8.54 -0.97	120.61 8.16 -27.52	167.96 10.31 -48.71	195.34 8.72 -98.89	448.01 32.47 -81.76	113.03 3.45 -71.31	153.01 2.89 -117.76	258.78 2.82 -224.26	88.21 2.43 -57.08	50.44 1.86 -26.29	43.31 2.50 -8.93
GRISSOM___SOLAR 323813	44.80 4.29 0.00	42.75 3.95 0.00	36.77 3.34 0.02	34.53 3.12 0.04	33.65 2.99 -0.58	43.12 4.07 0.00	53.22 5.44 0.31	45.89 4.42 0.00	43.83 2.87 0.00	40.72 2.33 0.00	46.46 2.63 0.00	59.64 3.36 0.00	77.47 3.55 -13.16	102.25 5.66 0.00	94.87 5.07 -4.86	123.65 6.10 -8.62	112.35 7.03 -17.60	622.67 44.18 -244.71	231.33 5.14 -187.92	97.21 4.17 -60.67	213.27 4.02 -177.55	32.16 3.45 0.00	24.93 2.65 0.00	35.50 3.62 0.00
GROVEVILLE___HYD 323602	42.99 2.47 0.00	40.96 2.16 0.00	35.37 1.90 -0.02	33.20 1.72 -0.03	31.64 1.56 0.00	40.79 1.74 0.00	50.64 2.26 -0.29	43.88 2.42 0.00	43.76 2.80 0.00	41.32 2.94 0.00	47.28 3.46 0.00	60.74 4.45 0.00	75.34 5.00 -9.58	104.78 8.18 0.00	96.34 7.86 -3.54	124.29 10.07 -5.29	96.12 8.39 0.00	447.62 31.04 -82.79	106.08 3.49 -64.32	69.31 2.95 -33.99	97.70 2.79 -63.20	31.08 2.37 0.00	24.01 1.73 0.00	34.08 2.19 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	40.61 0.09 0.00	38.78 -0.02 0.00	33.41 -0.04 0.00	31.39 -0.06 0.00	30.07 -0.01 0.00	39.19 0.14 0.00	48.53 0.44 0.00	41.94 0.47 0.00	41.52 0.55 0.00	38.97 0.59 0.00	44.51 0.69 0.00	57.10 0.82 0.00	61.46 0.71 0.00	98.01 1.41 0.00	86.09 1.15 0.00	110.08 1.15 0.00	88.72 0.99 0.00	336.86 3.08 0.00	38.58 0.31 0.00	32.64 0.27 0.00	31.90 0.19 0.00	28.93 0.21 0.00	22.46 0.17 0.00	32.01 0.13 0.00
HAMLTNNY_34_KV_TB 80303	40.96 0.44 0.00	39.09 0.29 0.00	33.70 0.25 0.00	31.65 0.20 0.00	30.34 0.26 0.00	39.58 0.53 0.00	48.99 0.90 0.00	42.34 0.88 0.00	41.95 0.99 0.00	39.36 0.98 0.00	44.98 1.16 0.00	57.71 1.43 0.00	62.06 1.31 0.00	99.09 2.49 0.00	87.11 2.17 0.00	111.26 2.33 0.00	89.71 1.98 0.00	348.61 7.02 -7.81	44.98 0.74 -5.97	34.50 0.52 -1.61	37.75 0.50 -5.53	29.20 0.49 0.00	22.65 0.37 0.00	32.21 0.33 0.00
HAMPSHIRE___PAPER_HYD 323593	39.12 -1.39 0.00	37.58 -1.22 0.00	32.46 -0.99 0.00	30.70 -0.75 0.00	29.38 -0.70 0.00	38.38 -0.67 0.00	46.84 -1.25 0.00	40.67 -0.80 0.00	40.11 -0.86 0.00	37.26 -1.12 0.00	42.52 -1.30 0.00	54.84 -1.45 0.00	59.23 -1.52 0.00	93.24 -3.36 0.00	81.91 -3.03 0.00	104.17 -4.77 0.00	83.55 -4.18 0.00	321.60 -12.19 0.00	37.28 -1.00 0.00	31.59 -0.77 0.00	30.61 -1.10 0.00	28.00 -0.71 0.00	21.97 -0.31 0.00	31.50 -0.39 0.00
HARDSCRABBLE_WT_PWR 323673	41.35 0.83 0.00	39.39 0.59 0.00	33.85 0.40 0.00	31.81 0.36 0.00	30.48 0.40 0.00	39.49 0.44 0.00	48.78 0.69 0.00	42.16 0.70 0.00	41.69 0.73 0.00	38.99 0.61 0.00	44.49 0.67 0.00	57.22 0.93 0.00	62.05 1.30 0.00	98.88 2.28 0.00	87.06 2.12 0.00	110.91 1.98 0.00	90.16 2.43 0.00	345.38 11.59 0.00	39.40 1.13 0.00	32.99 0.63 0.00	32.76 1.06 0.00	29.59 0.88 0.00	22.76 0.48 0.00	32.21 0.32 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	42.66 2.14 0.00	40.63 1.83 0.00	35.13 1.65 -0.02	32.98 1.49 -0.04	28.15 1.32 3.26	40.47 1.42 0.00	50.28 1.87 -0.32	43.59 2.12 0.00	43.49 2.53 0.00	41.12 2.73 0.00	47.04 3.22 0.00	60.47 4.19 0.00	-7.93 4.76 73.44	104.40 7.80 0.00	65.26 7.46 27.14	70.40 9.56 48.09	-2.47 7.92 98.12	438.35 29.23 -75.33	90.42 3.22 -48.93	-54.99 2.70 90.06	-44.23 2.54 78.48	6.06 2.15 24.80	5.50 1.59 18.36	30.10 1.96 3.75

HARSNRAD_115KV_TB1 81005	39.48 -1.03 0.00	37.68 -1.12 0.00	32.21 -1.25 0.00	30.33 -1.12 0.00	29.18 -0.90 0.00	38.55 -0.50 0.00	48.24 0.15 0.00	41.73 0.26 0.00	41.25 0.30 0.00	38.82 0.43 0.00	44.41 0.58 0.00	56.61 0.32 0.00	59.99 -0.77 0.00	96.90 0.30 0.00	83.94 -0.99 0.00	106.67 -2.27 0.00	84.65 -3.08 0.00	329.95 -15.33 -11.50	45.37 -1.66 -8.75	33.64 -1.09 -2.36	39.03 -0.78 -8.10	28.35 -0.36 0.00	22.08 -0.20 0.00	31.58 -0.30 0.00
HARZA MOOSE__RIVER 24016	40.70 0.18 0.00	38.86 0.06 0.00	33.72 0.27 0.00	31.79 0.34 0.00	30.39 0.31 0.00	39.74 0.69 0.00	48.89 0.81 0.00	42.40 0.93 0.00	42.21 1.25 0.00	39.34 0.96 0.00	44.86 1.03 0.00	57.76 1.47 0.00	62.43 1.68 0.00	98.69 2.09 0.00	86.93 1.99 0.00	110.29 1.35 0.00	88.70 0.97 0.00	340.89 7.11 0.00	39.31 1.04 0.00	33.34 0.97 0.00	32.14 0.44 0.00	29.49 0.78 0.00	22.97 0.69 0.00	32.77 0.89 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	40.52 0.00 0.00	38.70 -0.09 0.00	33.34 -0.12 0.00	31.34 -0.11 0.00	30.00 -0.07 0.00	39.10 0.05 0.00	48.44 0.35 0.00	41.87 0.41 0.00	41.44 0.49 0.00	38.91 0.52 0.00	44.42 0.60 0.00	57.04 0.75 0.00	61.40 0.64 0.00	97.98 1.38 0.00	86.04 1.10 0.00	110.05 1.12 0.00	88.56 0.83 0.00	336.19 2.41 0.00	38.48 0.21 0.00	32.58 0.21 0.00	31.88 0.18 0.00	28.92 0.21 0.00	22.43 0.15 0.00	31.89 0.00 0.00
HELLGATE_13_KV_LD 55870	42.94 2.43 0.00	40.96 2.16 0.00	35.50 2.02 -0.03	33.33 1.84 -0.05	35.06 1.70 -3.28	40.88 1.83 0.00	50.64 2.18 -0.38	43.86 2.39 0.00	43.85 2.89 0.00	41.54 3.16 0.00	47.41 3.59 0.00	60.86 4.59 0.00	140.47 5.26 -74.46	104.90 8.30 0.00	120.39 7.94 -27.52	167.65 10.00 -48.71	195.01 8.40 -98.89	446.89 31.35 -81.76	112.92 3.35 -71.31	156.96 2.75 -121.84	184.88 2.68 -150.50	45.02 2.34 -13.97	40.11 1.78 -16.05	38.10 2.39 -3.83
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	42.94 2.43 0.00	40.96 2.16 0.00	35.50 2.02 -0.03	33.33 1.84 -0.05	35.06 1.70 -3.28	40.88 1.83 0.00	50.64 2.18 -0.38	43.86 2.39 0.00	43.85 2.89 0.00	41.54 3.16 0.00	47.41 3.59 0.00	60.86 4.59 0.00	140.47 5.26 -74.46	104.90 8.30 0.00	120.39 7.94 -27.52	167.65 10.00 -48.71	195.01 8.40 -98.89	446.89 31.35 -81.76	112.92 3.35 -71.31	156.96 2.75 -121.84	184.88 2.68 -150.50	45.02 2.34 -13.97	40.11 1.78 -16.05	38.10 2.39 -3.83
HEMPSTEAD____ 23647	43.41 2.90 0.00	41.48 2.68 0.00	35.85 2.37 -0.03	33.61 2.11 -0.05	35.29 1.95 -3.26	41.03 1.98 0.00	50.57 2.11 -0.38	43.69 2.22 0.00	43.63 2.67 0.00	41.58 3.20 0.00	47.69 3.71 -0.15	60.88 4.60 0.00	139.83 5.21 -73.87	105.31 8.71 0.00	142.80 8.63 -49.23	167.85 10.59 -48.32	194.77 8.94 -98.10	449.08 33.51 -81.79	115.03 3.54 -73.21	166.42 2.87 -131.18	229.61 2.71 -195.20	61.47 2.57 -30.19	45.77 1.94 -21.55	38.17 2.48 -3.80
HEWLETT__69_KV_BK3 55828	44.00 3.48 0.00	41.97 3.17 0.00	36.26 2.79 -0.03	33.99 2.49 -0.05	35.65 2.31 -3.26	41.51 2.46 0.00	51.12 2.66 -0.38	44.15 2.68 0.00	44.00 3.04 0.00	41.99 3.61 0.00	48.34 4.36 -0.15	61.53 5.25 0.00	140.44 5.82 -73.87	106.30 9.70 0.00	143.71 9.55 -49.23	168.94 11.68 -48.32	195.66 9.83 -98.09	452.55 36.98 -81.79	115.45 3.97 -73.21	166.75 3.20 -131.18	229.92 3.02 -195.20	72.66 2.89 -41.06	53.82 2.20 -29.34	38.58 2.89 -3.80
HICKLING__1 23621	40.73 0.21 0.00	38.85 0.05 0.00	33.55 0.10 0.00	31.76 0.31 0.00	30.52 0.44 0.00	40.00 0.95 0.00	49.57 1.49 0.00	42.96 1.49 0.00	42.59 1.63 0.00	40.20 1.82 0.00	45.55 1.73 0.00	58.47 2.18 0.00	62.61 1.86 0.00	100.43 3.84 0.00	88.35 3.41 0.00	112.51 3.57 0.00	89.97 2.24 0.00	361.30 7.28 -20.23	54.47 0.73 -15.46	37.38 0.85 -4.16	46.77 0.76 -14.31	29.50 0.78 0.00	22.91 0.62 0.00	32.62 0.73 0.00
HICKLING__2 23622	40.73 0.21 0.00	38.85 0.05 0.00	33.55 0.10 0.00	31.76 0.31 0.00	30.52 0.44 0.00	40.00 0.95 0.00	49.57 1.49 0.00	42.96 1.49 0.00	42.59 1.63 0.00	40.20 1.82 0.00	45.55 1.73 0.00	58.47 2.18 0.00	62.61 1.86 0.00	100.43 3.84 0.00	88.35 3.41 0.00	112.51 3.57 0.00	89.97 2.24 0.00	361.30 7.28 -20.23	54.47 0.73 -15.46	37.38 0.85 -4.16	46.77 0.76 -14.31	29.50 0.78 0.00	22.91 0.62 0.00	32.62 0.73 0.00
HIGH FALLS__HY 23754	42.83 2.31 0.00	40.81 2.01 0.00	35.25 1.79 -0.01	33.07 1.60 -0.02	31.51 1.43 0.00	40.63 1.58 0.00	50.30 2.05 -0.16	43.75 2.28 0.00	43.75 2.79 0.00	41.31 2.93 0.00	47.26 3.44 0.00	60.60 4.32 0.00	65.28 4.53 0.00	104.14 7.55 0.00	92.31 7.37 0.00	118.33 9.39 0.00	95.69 7.96 0.00	451.75 28.69 -89.28	109.71 3.19 -68.24	53.46 2.72 -18.37	97.51 2.43 -63.37	30.81 2.10 -0.00	23.81 1.53 0.00	33.74 1.85 0.00
HILLBURN__GT 23639	42.39 1.87 0.00	40.40 1.60 0.00	34.98 1.50 -0.02	32.84 1.35 -0.04	27.42 1.16 3.82	40.23 1.18 0.00	49.95 1.54 -0.33	43.35 1.88 0.00	43.26 2.30 0.00	40.95 2.57 0.00	46.80 2.98 0.00	60.10 3.82 0.00	-21.27 4.32 86.35	103.63 7.03 0.00	59.75 6.72 31.91	60.90 8.50 56.53	-20.54 7.02 115.29	436.63 26.15 -76.70	89.85 2.85 -48.73	-70.38 2.41 105.16	-65.46 2.34 99.51	1.59 1.98 29.10	2.20 1.46 21.54	29.30 1.81 4.40
HILLSIDE_115KV_TB1 80332	40.07 -0.44 0.00	38.27 -0.54 0.00	33.05 -0.40 0.00	31.27 -0.18 0.00	30.03 -0.05 0.00	39.32 0.27 0.00	48.68 0.59 0.00	42.10 0.64 0.00	41.81 0.85 0.00	39.42 1.04 0.00	44.65 0.83 0.00	57.35 1.07 0.00	61.51 0.76 0.00	98.46 1.87 0.00	86.74 1.80 0.00	110.44 1.50 0.00	88.55 0.81 0.00	357.13 2.35 -21.00	54.45 0.13 -16.05	36.94 0.25 -4.32	46.71 0.15 -14.85	28.93 0.21 0.00	22.48 0.20 0.00	32.06 0.17 0.00
HISHELDN_WT_PWR 323625	39.90 -0.62 0.00	38.06 -0.73 0.00	32.70 -0.75 0.00	30.89 -0.57 0.00	29.73 -0.35 0.00	39.20 0.14 0.00	48.83 0.74 0.00	42.32 0.86 0.00	41.79 0.83 0.00	39.39 1.01 0.00	44.96 1.13 0.00	57.40 1.12 0.00	61.10 0.34 0.00	98.52 1.93 0.00	85.79 0.86 0.00	109.00 0.06 0.00	86.52 -1.21 0.00	339.94 -7.77 -13.93	48.05 -0.86 -10.64	34.90 -0.33 -2.86	41.41 -0.14 -9.84	28.86 0.15 0.00	22.46 0.18 0.00	32.00 0.12 0.00
HOLTSVILLE_IC_1 23690	43.95 3.43 0.00	42.18 3.38 0.00	36.51 3.04 -0.03	34.12 2.63 -0.05	35.85 2.51 -3.26	41.56 2.51 0.00	50.94 2.48 -0.38	43.94 2.48 0.00	43.83 2.87 0.00	41.94 3.56 0.00	55.39 4.24 -7.33	155.43 4.94 -94.21	339.62 5.47 -273.39	327.59 9.07 -221.92	330.03 9.05 -236.04	288.78 10.64 -169.21	315.73 9.07 -218.92	568.87 34.14 -200.94	298.42 3.62 -256.52	323.81 2.94 -288.50	311.25 2.71 -276.84	85.66 2.78 -54.17	55.96 2.24 -31.45	42.54 2.89 -7.76
HOLTSVILLE_IC_10 23699	44.34 3.82 0.00	42.57 3.76 0.00	36.82 3.34 -0.03	34.41 2.91 -0.05	36.12 2.78 -3.26	41.91 2.86 0.00	51.41 2.94 -0.38	44.35 2.89 0.00	44.25 3.29 0.00	42.37 3.99 0.00	57.65 4.74 -9.08	164.00 5.62 -102.09	357.34 6.25 -290.33	367.73 10.34 -260.79	395.66 10.02 -300.71	338.92 11.77 -218.21	360.29 9.90 -262.66	627.01 37.15 -256.08	379.43 4.10 -337.05	373.34 3.35 -337.62	333.64 3.04 -298.89	93.67 3.11 -61.85	57.17 2.50 -32.40	43.14 3.24 -8.02

HOLTSVILLE_IC_2 23691	43.95 3.43 0.00	42.18 3.38 0.00	36.51 3.04 -0.03	34.12 2.63 -0.05	35.85 2.51 -3.26	41.56 2.51 0.00	50.94 2.48 -0.38	43.94 2.48 0.00	43.83 2.87 0.00	41.94 3.56 0.00	55.39 4.24 -7.33	155.43 4.94 -94.21	339.62 5.47 -273.39	327.59 9.07 -221.92	330.03 9.05 -236.04	288.78 10.64 -169.21	315.73 9.07 -218.92	568.87 34.14 -200.94	298.42 3.62 -256.52	323.81 2.94 -288.50	311.25 2.71 -276.84	85.66 2.78 -54.17	55.96 2.24 -31.45	42.54 2.89 -7.76
HOLTSVILLE_IC_3 23692	43.95 3.43 0.00	42.18 3.38 0.00	36.51 3.04 -0.03	34.12 2.63 -0.05	35.85 2.51 -3.26	41.56 2.51 0.00	50.94 2.48 -0.38	43.94 2.48 0.00	43.83 2.87 0.00	41.94 3.56 0.00	55.39 4.24 -7.33	155.43 4.94 -94.21	339.62 5.47 -273.39	327.59 9.07 -221.92	330.03 9.05 -236.04	288.78 10.64 -169.21	315.73 9.07 -218.92	568.87 34.14 -200.94	298.42 3.62 -256.52	323.81 2.94 -288.50	311.25 2.71 -276.84	85.66 2.78 -54.17	55.96 2.24 -31.45	42.54 2.89 -7.76
HOLTSVILLE_IC_4 23693	43.95 3.43 0.00	42.18 3.38 0.00	36.51 3.04 -0.03	34.12 2.63 -0.05	35.85 2.51 -3.26	41.56 2.51 0.00	50.94 2.48 -0.38	43.94 2.48 0.00	43.83 2.87 0.00	41.94 3.56 0.00	55.39 4.24 -7.33	155.43 4.94 -94.21	339.62 5.47 -273.39	327.59 9.07 -221.92	330.03 9.05 -236.04	288.78 10.64 -169.21	315.73 9.07 -218.92	568.87 34.14 -200.94	298.42 3.62 -256.52	323.81 2.94 -288.50	311.25 2.71 -276.84	85.66 2.78 -54.17	55.96 2.24 -31.45	42.54 2.89 -7.76
HOLTSVILLE_IC_5 23694	43.95 3.43 0.00	42.18 3.38 0.00	36.51 3.04 -0.03	34.12 2.63 -0.05	35.85 2.51 -3.26	41.56 2.51 0.00	50.94 2.48 -0.38	43.94 2.48 0.00	43.83 2.87 0.00	41.94 3.56 0.00	55.39 4.24 -7.33	155.43 4.94 -94.21	339.62 5.47 -273.39	327.59 9.07 -221.92	330.03 9.05 -236.04	288.78 10.64 -169.21	315.73 9.07 -218.92	568.87 34.14 -200.94	298.42 3.62 -256.52	323.81 2.94 -288.50	311.25 2.71 -276.84	85.66 2.78 -54.17	55.96 2.24 -31.45	42.54 2.89 -7.76
HOLTSVILLE_IC_6 23695	44.34 3.82 0.00	42.57 3.76 0.00	36.82 3.34 -0.03	34.41 2.91 -0.05	36.12 2.78 -3.26	41.91 2.86 0.00	51.41 2.94 -0.38	44.35 2.89 0.00	44.25 3.29 0.00	42.37 3.99 0.00	57.65 4.74 -9.08	164.00 5.62 -102.09	357.34 6.25 -290.33	367.73 10.34 -260.79	395.66 10.02 -300.71	338.92 11.77 -218.21	360.29 9.90 -262.66	627.01 37.15 -256.08	379.43 4.10 -337.05	373.34 3.35 -337.62	333.64 3.04 -298.89	93.67 3.11 -61.85	57.17 2.50 -32.40	43.14 3.24 -8.02
HOLTSVILLE_IC_7 23696	44.34 3.82 0.00	42.57 3.76 0.00	36.82 3.34 -0.03	34.41 2.91 -0.05	36.12 2.78 -3.26	41.91 2.86 0.00	51.41 2.94 -0.38	44.35 2.89 0.00	44.25 3.29 0.00	42.37 3.99 0.00	57.65 4.74 -9.08	164.00 5.62 -102.09	357.34 6.25 -290.33	367.73 10.34 -260.79	395.66 10.02 -300.71	338.92 11.77 -218.21	360.29 9.90 -262.66	627.01 37.15 -256.08	379.43 4.10 -337.05	373.34 3.35 -337.62	333.64 3.04 -298.89	93.67 3.11 -61.85	57.17 2.50 -32.40	43.14 3.24 -8.02
HOLTSVILLE_IC_8 23697	44.34 3.82 0.00	42.57 3.76 0.00	36.82 3.34 -0.03	34.41 2.91 -0.05	36.12 2.78 -3.26	41.91 2.86 0.00	51.41 2.94 -0.38	44.35 2.89 0.00	44.25 3.29 0.00	42.37 3.99 0.00	57.65 4.74 -9.08	164.00 5.62 -102.09	357.34 6.25 -290.33	367.73 10.34 -260.79	395.66 10.02 -300.71	338.92 11.77 -218.21	360.29 9.90 -262.66	627.01 37.15 -256.08	379.43 4.10 -337.05	373.34 3.35 -337.62	333.64 3.04 -298.89	93.67 3.11 -61.85	57.17 2.50 -32.40	43.14 3.24 -8.02
HOLTSVILLE_IC_9 23698	44.34 3.82 0.00	42.57 3.76 0.00	36.82 3.34 -0.03	34.41 2.91 -0.05	36.12 2.78 -3.26	41.91 2.86 0.00	51.41 2.94 -0.38	44.35 2.89 0.00	44.25 3.29 0.00	42.37 3.99 0.00	57.65 4.74 -9.08	164.00 5.62 -102.09	357.34 6.25 -290.33	367.73 10.34 -260.79	395.66 10.02 -300.71	338.92 11.77 -218.21	360.29 9.90 -262.66	627.01 37.15 -256.08	379.43 4.10 -337.05	373.34 3.35 -337.62	333.64 3.04 -298.89	93.67 3.11 -61.85	57.17 2.50 -32.40	43.14 3.24 -8.02
HOMER_HL_115KV_TB2 355744	39.58 -0.94 0.00	37.85 -0.96 0.00	32.64 -0.82 0.00	30.83 -0.62 0.00	29.68 -0.40 0.00	39.09 0.04 0.00	48.77 0.68 0.00	42.28 0.81 0.00	41.97 1.01 0.00	39.58 1.20 0.00	44.90 1.07 0.00	57.14 0.86 0.00	60.65 -0.10 0.00	97.61 1.01 0.00	84.86 -0.08 0.00	107.71 -1.23 0.00	85.87 -1.86 0.00	339.03 -9.49 -14.74	48.49 -1.03 -11.25	34.83 -0.57 -3.03	41.68 -0.43 -10.41	28.55 -0.16 0.00	22.32 0.04 0.00	31.94 0.06 0.00
HOWARD_WT_PWR 323690	39.97 -0.55 0.00	38.03 -0.77 0.00	32.84 -0.61 0.00	31.25 -0.20 0.00	30.14 0.06 0.00	39.51 0.45 0.00	48.82 0.73 0.00	42.99 1.52 0.00	42.56 1.60 0.00	40.33 1.94 0.00	45.83 2.01 0.00	58.42 2.13 0.00	62.11 1.36 0.00	99.78 3.18 0.00	87.42 2.48 0.00	110.97 2.03 0.00	86.91 -0.82 0.00	346.40 -3.99 -16.60	50.52 -0.43 -12.68	36.47 0.69 -3.42	44.16 0.72 -11.73	29.56 0.84 0.00	22.97 0.69 0.00	32.62 0.73 0.00
HQ_GEN_CEDARS 23644	39.38 -1.14 0.00	37.98 -0.82 0.00	32.66 -0.79 0.00	30.78 -0.67 0.00	29.45 -0.63 0.00	38.24 -0.81 0.00	46.31 -1.78 0.00	40.20 -1.27 0.00	39.42 -1.55 0.00	36.24 -2.14 0.00	41.40 -2.42 0.00	53.35 -2.94 0.00	57.68 -3.08 0.00	91.37 -5.23 0.00	79.98 -4.96 0.00	103.23 -5.70 0.00	82.97 -4.75 0.00	316.60 -17.18 0.00	36.46 -1.82 0.00	30.78 -1.59 0.00	30.15 -1.55 0.00	27.31 -1.40 0.00	21.54 -0.74 0.00	31.14 -0.74 0.00
HQ_GEN_CEDARS_PROXY 323590	39.38 -1.14 0.00	37.98 -0.82 0.00	32.66 -0.79 0.00	30.78 -0.67 0.00	29.45 -0.63 0.00	38.24 -0.81 0.00	46.31 -1.78 0.00	40.20 -1.26 0.00	39.42 -1.55 0.00	18.45 -2.14 17.79	21.90 -2.43 19.49	53.35 -2.94 0.00	57.68 -3.08 0.00	91.37 -5.22 0.00	79.98 -4.96 0.00	103.23 -5.71 0.00	82.97 -4.76 0.00	316.60 -17.19 0.00	36.46 -1.82 0.00	30.78 -1.59 0.00	31.47 -1.55 -1.32	27.31 -1.41 0.00	21.54 -0.74 0.00	31.26 -0.74 -0.12
HQ_GEN_IMPORT 323601	40.34 -0.77 -0.60	37.02 -0.55 1.23	32.95 -0.50 0.00	31.00 -0.45 0.00	29.67 -0.42 0.00	38.51 -0.54 0.00	47.17 -0.92 0.00	40.45 -1.01 0.00	39.78 -1.19 0.00	37.20 -1.18 0.00	42.49 -1.34 0.00	55.83 -1.63 -1.18	59.04 -1.71 0.00	93.67 -2.93 0.00	82.20 -2.74 0.00	105.94 -2.99 0.00	85.19 -2.54 0.00	324.65 -9.14 0.00	39.43 -1.01 -2.17	32.33 -0.92 -0.89	29.61 -0.85 1.24	27.93 -0.78 0.00	21.73 -0.55 0.00	31.75 -0.52 -0.39
HQ_GEN_WHEEL 23651	40.34 -0.77 -0.60	37.02 -0.55 1.23	32.95 -0.50 0.00	31.00 -0.45 0.00	29.67 -0.42 0.00	38.51 -0.54 0.00	47.17 -0.92 0.00	40.45 -1.01 0.00	39.78 -1.19 0.00	37.20 -1.18 0.00	42.49 -1.34 0.00	55.83 -1.63 -1.18	59.04 -1.71 0.00	93.67 -2.93 0.00	82.20 -2.74 0.00	105.94 -2.99 0.00	85.19 -2.54 0.00	324.65 -9.14 0.00	39.43 -1.01 -2.17	32.33 -0.92 -0.89	29.61 -0.85 1.24	27.93 -0.78 0.00	21.73 -0.55 0.00	31.75 -0.52 -0.39
HUDSON_AVE_GT_3 23810	43.13 2.61 0.00	41.14 2.34 0.00	35.64 2.17 -0.03	33.46 1.97 -0.05	35.15 1.79 -3.28	40.96 1.91 0.00	50.82 2.36 -0.38	44.05 2.58 0.00	44.05 3.09 0.00	41.72 3.34 0.00	47.69 3.87 0.00	61.23 4.94 0.00	140.85 5.61 -74.48	105.65 9.05 0.00	121.08 8.62 -27.52	168.58 10.92 -48.73	195.68 9.04 -98.92	449.23 33.69 -81.76	113.23 3.65 -71.31	167.20 3.02 -131.81	230.81 2.95 -196.16	56.57 2.53 -25.33	42.94 1.90 -18.75	38.24 2.52 -3.83

HUDSON AVE_GT_4 23540	43.13 2.61 0.00	41.14 2.34 0.00	35.64 2.17 -0.03	33.46 1.97 -0.05	35.15 1.79 -3.28	40.96 1.91 0.00	50.82 2.36 -0.38	44.05 2.58 0.00	44.05 3.09 0.00	41.72 3.34 0.00	47.69 3.87 0.00	61.23 4.94 0.00	140.85 5.61 -74.48	105.65 9.05 0.00	121.08 8.62 -27.52	168.58 10.92 -48.73	195.68 9.04 -98.92	449.23 33.69 -81.76	113.23 3.65 -71.31	167.20 3.02 -131.81	230.81 2.95 -196.16	56.57 2.53 -25.33	42.94 1.90 -18.75	38.24 2.52 -3.83
HUDSON AVE_GT_5 23657	43.13 2.61 0.00	41.14 2.34 0.00	35.64 2.17 -0.03	33.46 1.97 -0.05	35.15 1.79 -3.28	40.96 1.91 0.00	50.82 2.36 -0.38	44.05 2.58 0.00	44.05 3.09 0.00	41.72 3.34 0.00	47.69 3.87 0.00	61.23 4.94 0.00	140.85 5.61 -74.48	105.65 9.05 0.00	121.08 8.62 -27.52	168.58 10.92 -48.73	195.68 9.04 -98.92	449.23 33.69 -81.76	113.23 3.65 -71.31	167.20 3.02 -131.81	230.81 2.95 -196.16	56.57 2.53 -25.33	42.94 1.90 -18.75	38.24 2.52 -3.83
HUDSON_AVE_10 24168	43.03 2.51 0.00	41.05 2.25 0.00	35.56 2.08 -0.03	33.37 1.88 -0.05	35.06 1.70 -3.28	40.83 1.78 0.00	50.69 2.22 -0.38	43.92 2.46 0.00	43.93 2.96 0.00	41.59 3.21 0.00	47.50 3.68 0.00	61.02 4.73 0.00	140.64 5.40 -74.48	105.32 8.72 0.00	120.75 8.29 -27.52	168.18 10.52 -48.73	195.36 8.72 -98.92	448.05 32.51 -81.76	113.11 3.53 -71.31	167.08 2.91 -131.81	230.70 2.84 -196.16	56.46 2.42 -25.33	42.87 1.84 -18.75	38.15 2.44 -3.83
HUDSON___115KV_TB 4 355613	42.37 1.86 0.00	40.41 1.61 0.00	34.77 1.34 0.02	32.68 1.27 0.04	31.91 1.17 -0.66	40.44 1.39 0.00	49.80 2.01 0.29	43.36 1.89 0.00	42.79 1.83 0.00	39.80 1.42 0.00	45.12 1.30 0.00	57.93 1.64 0.00	78.00 2.05 -15.19	99.90 3.30 0.00	94.16 3.61 -5.61	123.39 4.53 -9.93	112.03 4.30 -19.99	509.98 18.56 -157.63	162.92 2.13 -122.51	91.19 1.85 -56.97	173.63 1.74 -140.18	34.90 1.21 -4.98	26.79 0.83 -3.69	33.76 1.12 -0.75
HUNTER MOUNT___DRP 323613	42.73 2.22 0.00	40.72 1.92 0.00	35.03 1.60 0.01	32.92 1.49 0.02	32.06 1.41 -0.57	40.79 1.74 0.00	50.40 2.51 0.20	43.77 2.30 0.00	43.11 2.15 0.00	39.95 1.57 0.00	45.22 1.40 0.00	58.02 1.74 0.00	76.04 2.18 -13.11	100.16 3.56 0.00	93.73 3.95 -4.84	122.54 5.05 -8.55	109.65 4.81 -17.11	497.93 21.22 -142.93	150.75 2.45 -110.03	73.64 2.10 -39.17	138.75 1.97 -105.08	30.16 1.46 0.00	23.28 0.99 0.00	33.27 1.38 0.00
HUNTINGTON_RES_REC 323705	43.86 3.34 0.00	42.12 3.32 0.00	36.43 2.95 -0.03	34.08 2.59 -0.05	35.78 2.44 -3.26	41.47 2.42 0.00	50.76 2.30 -0.38	43.78 2.31 0.00	43.64 2.68 0.00	41.84 3.45 0.00	76.72 4.08 -28.82	310.94 4.91 -249.75	671.40 5.62 -605.02	864.63 9.50 -758.53	1076.47 9.50 -982.03	843.31 11.41 -722.96	820.30 9.67 -722.91	1175.18 36.41 -804.98	1188.77 3.88 -1146.62	899.10 3.08 -863.65	575.80 2.80 -541.30	175.88 2.78 -144.39	69.80 2.23 -45.29	45.29 2.79 -10.62
HUNTLEY___63 23557	40.17 -0.35 0.00	38.33 -0.47 0.00	32.78 -0.68 0.00	30.87 -0.58 0.00	29.70 -0.38 0.00	39.24 0.19 0.00	49.11 1.02 0.00	42.48 1.01 0.00	42.01 1.05 0.00	39.57 1.19 0.00	45.34 1.52 0.00	57.83 1.54 0.00	61.23 0.47 0.00	99.01 2.41 0.00	85.90 0.96 -0.01	109.17 0.23 0.00	86.56 -1.18 -0.01	337.61 -8.35 -12.18	46.52 -0.89 -9.14	34.37 -0.47 -2.46	39.97 -0.19 -8.46	28.87 0.16 0.00	22.47 0.18 0.00	32.15 0.26 0.00
HUNTLEY___64 23558	40.17 -0.35 0.00	38.33 -0.47 0.00	32.78 -0.68 0.00	30.87 -0.58 0.00	29.70 -0.38 0.00	39.24 0.19 0.00	49.11 1.02 0.00	42.48 1.01 0.00	42.01 1.05 0.00	39.57 1.19 0.00	45.34 1.52 0.00	57.83 1.54 0.00	61.23 0.47 0.00	99.01 2.41 0.00	85.90 0.96 -0.01	109.17 0.23 0.00	86.56 -1.18 -0.01	337.61 -8.35 -12.18	46.52 -0.89 -9.14	34.37 -0.47 -2.46	39.97 -0.19 -8.46	28.87 0.16 0.00	22.47 0.18 0.00	32.15 0.26 0.00
HUNTLEY___65 23559	40.17 -0.35 0.00	38.33 -0.47 0.00	32.78 -0.68 0.00	30.87 -0.58 0.00	29.70 -0.38 0.00	39.24 0.19 0.00	49.11 1.02 0.00	42.48 1.01 0.00	42.01 1.05 0.00	39.57 1.19 0.00	45.34 1.52 0.00	57.83 1.54 0.00	61.23 0.47 0.00	99.01 2.41 0.00	85.90 0.96 -0.01	109.17 0.23 0.00	86.56 -1.18 -0.01	337.61 -8.35 -12.18	46.52 -0.89 -9.14	34.37 -0.47 -2.46	39.97 -0.19 -8.46	28.87 0.16 0.00	22.47 0.18 0.00	32.15 0.26 0.00
HUNTLEY___66 23560	40.17 -0.35 0.00	38.33 -0.47 0.00	32.78 -0.68 0.00	30.87 -0.58 0.00	29.70 -0.38 0.00	39.24 0.19 0.00	49.11 1.02 0.00	42.48 1.01 0.00	42.01 1.05 0.00	39.57 1.19 0.00	45.34 1.52 0.00	57.83 1.54 0.00	61.23 0.47 0.00	99.01 2.41 0.00	85.90 0.96 -0.01	109.17 0.23 0.00	86.56 -1.18 -0.01	337.61 -8.35 -12.18	46.52 -0.89 -9.14	34.37 -0.47 -2.46	39.97 -0.19 -8.46	28.87 0.16 0.00	22.47 0.18 0.00	32.15 0.26 0.00
HUNTLEY___67 23561	39.74 -0.78 0.00	37.94 -0.86 0.00	32.45 -1.00 0.00	30.58 -0.88 0.00	29.42 -0.66 0.00	38.84 -0.21 0.00	48.58 0.49 0.00	42.01 0.55 0.00	41.53 0.56 0.00	39.10 0.72 0.00	44.76 0.93 0.00	57.05 0.77 0.00	60.54 -0.21 0.00	97.86 1.26 0.00	84.91 -0.03 0.00	107.88 -1.06 0.00	85.59 -2.14 0.00	334.60 -11.43 -12.24	46.40 -1.24 -9.36	34.11 -0.78 -2.52	39.82 -0.55 -8.66	28.54 -0.17 0.00	22.23 -0.05 0.00	31.82 -0.06 0.00
HUNTLEY___68 23562	39.74 -0.78 0.00	37.94 -0.86 0.00	32.45 -1.00 0.00	30.58 -0.88 0.00	29.42 -0.66 0.00	38.84 -0.21 0.00	48.58 0.49 0.00	42.01 0.55 0.00	41.53 0.56 0.00	39.10 0.72 0.00	44.76 0.93 0.00	57.05 0.77 0.00	60.54 -0.21 0.00	97.86 1.26 0.00	84.91 -0.03 0.00	107.88 -1.06 0.00	85.59 -2.14 0.00	334.60 -11.43 -12.24	46.40 -1.24 -9.36	34.11 -0.78 -2.52	39.82 -0.55 -8.66	28.54 -0.17 0.00	22.23 -0.05 0.00	31.82 -0.06 0.00
HYLAND___LFGE 323620	41.58 1.06 0.00	39.52 0.72 0.00	33.95 0.50 0.00	32.07 0.62 0.00	30.82 0.74 0.00	40.62 1.57 0.00	50.73 2.64 0.00	44.07 2.60 0.00	43.60 2.63 0.00	41.03 2.66 0.00	45.93 2.11 0.00	57.32 1.04 0.00	58.81 -1.94 0.00	93.85 -2.75 0.00	80.70 -4.24 0.00	102.71 -6.23 0.00	80.96 -6.77 0.00	324.57 -22.58 -13.37	46.78 -1.71 -10.22	34.33 -0.78 -2.75	40.65 -0.51 -9.46	30.17 1.46 0.00	23.44 1.16 0.00	33.23 1.34 0.00
INDECK___CORINTH 23802	43.15 2.63 0.00	41.03 2.23 0.00	35.18 1.76 0.03	33.05 1.66 0.05	32.39 1.58 -0.72	41.07 2.02 0.00	50.32 2.68 0.44	44.08 2.62 0.00	43.59 2.63 0.00	40.75 2.37 0.00	46.59 2.76 0.00	60.00 3.72 0.00	81.16 3.98 -16.43	103.17 6.57 0.00	97.09 6.08 -6.07	126.79 7.11 -10.74	115.71 6.22 -21.76	621.69 24.64 -263.26	244.54 2.80 -203.47	115.84 2.28 -81.19	251.40 2.30 -217.39	36.07 2.01 -5.35	27.58 1.35 -3.96	34.57 1.87 -0.81
INDECK___ILION 23567	41.12 0.60 0.00	39.24 0.45 0.00	33.80 0.35 0.00	31.78 0.33 0.00	30.41 0.33 0.00	39.44 0.39 0.00	48.66 0.58 0.00	42.03 0.56 0.00	41.55 0.58 0.00	38.91 0.52 0.00	44.41 0.58 0.00	57.06 0.78 0.00	61.76 1.00 0.00	98.31 1.71 0.00	86.60 1.66 0.00	110.67 1.73 0.00	89.54 1.81 0.00	342.08 8.30 0.00	39.13 0.85 0.00	33.04 0.67 0.00	32.46 0.75 0.00	29.32 0.61 0.00	22.64 0.36 0.00	32.20 0.32 0.00

INDECK___OLEAN 23982	39.57 -0.94 0.00	37.84 -0.96 0.00	32.63 -0.82 0.00	30.83 -0.62 0.00	29.68 -0.40 0.00	39.09 0.04 0.00	48.77 0.68 0.00	42.27 0.81 0.00	41.97 1.01 0.00	39.58 1.20 0.00	44.91 1.09 0.00	57.14 0.86 0.00	60.67 -0.08 0.00	97.60 1.00 0.00	84.86 -0.08 0.00	107.74 -1.19 0.00	85.90 -1.83 0.00	338.97 -9.55 -14.74	48.49 -1.03 -11.25	34.84 -0.56 -3.03	41.70 -0.41 -10.41	28.56 -0.15 0.00	22.34 0.06 0.00	31.94 0.06 0.00
INDECK___OSWEGO 23783	40.01 -0.51 0.00	38.22 -0.58 0.00	32.96 -0.49 0.00	30.98 -0.47 0.00	29.67 -0.42 0.00	38.69 -0.37 0.00	47.90 -0.19 0.00	41.40 -0.07 0.00	40.98 0.01 0.00	38.46 0.08 0.00	43.85 0.03 0.00	56.04 -0.25 0.00	60.16 -0.60 0.00	95.76 -0.83 0.00	84.09 -0.85 0.00	107.42 -1.52 0.00	86.43 -1.30 0.00	328.29 -5.50 0.00	37.70 -0.57 0.00	31.94 -0.43 0.00	31.24 -0.47 0.00	28.38 -0.33 0.00	22.06 -0.22 0.00	31.33 -0.56 0.00
INDECK___YERKES 23781	40.22 -0.30 0.00	38.39 -0.41 0.00	32.82 -0.63 0.00	30.92 -0.53 0.00	29.73 -0.35 0.00	39.30 0.25 0.00	49.16 1.08 0.00	42.53 1.07 0.00	42.07 1.11 0.00	39.62 1.24 0.00	45.41 1.59 0.00	57.92 1.64 0.00	61.35 0.59 0.00	99.17 2.58 0.00	86.07 1.13 -0.01	109.35 0.41 0.00	86.75 -0.99 -0.01	338.08 -7.88 -12.18	46.58 -0.83 -9.14	34.43 -0.40 -2.46	40.05 -0.12 -8.46	28.94 0.23 0.00	22.54 0.26 0.00	32.18 0.30 0.00
INDIAN POINT_GT_1 24139	42.65 2.14 0.00	40.67 1.87 0.00	35.18 1.70 -0.03	33.03 1.54 -0.05	35.27 1.37 -3.82	40.49 1.44 0.00	50.29 1.83 -0.37	43.54 2.07 0.00	43.44 2.48 0.00	41.09 2.71 0.00	46.98 3.16 0.00	60.29 4.01 0.00	151.95 4.56 -86.63	103.97 7.37 0.00	124.06 7.11 -32.01	174.56 8.95 -56.68	210.28 7.47 -115.08	442.31 27.86 -80.67	147.68 3.05 -106.36	606.87 2.56 -571.94	1084.45 2.51 -1050.24	233.41 2.13 -202.56	173.83 1.59 -149.96	64.51 2.01 -30.61
INDIAN POINT_GT_2 23659	42.65 2.14 0.00	40.67 1.87 0.00	35.18 1.70 -0.03	33.03 1.54 -0.05	35.27 1.37 -3.82	40.49 1.44 0.00	50.29 1.83 -0.37	43.54 2.07 0.00	43.44 2.48 0.00	41.09 2.71 0.00	46.98 3.16 0.00	60.29 4.01 0.00	151.95 4.56 -86.63	103.97 7.37 0.00	124.06 7.11 -32.01	174.56 8.95 -56.68	210.28 7.47 -115.08	442.31 27.86 -80.67	147.68 3.05 -106.36	606.87 2.56 -571.94	1084.45 2.51 -1050.24	233.41 2.13 -202.56	173.83 1.59 -149.96	64.51 2.01 -30.61
INDIAN POINT_GT_3 24019	42.65 2.14 0.00	40.67 1.87 0.00	35.18 1.70 -0.03	33.03 1.54 -0.05	35.27 1.37 -3.82	40.49 1.44 0.00	50.29 1.83 -0.37	43.54 2.07 0.00	43.44 2.48 0.00	41.09 2.71 0.00	46.98 3.16 0.00	60.29 4.01 0.00	151.95 4.56 -86.63	103.97 7.37 0.00	124.06 7.11 -32.01	174.56 8.95 -56.68	210.28 7.47 -115.08	442.31 27.86 -80.67	147.68 3.05 -106.36	606.87 2.56 -571.94	1084.45 2.51 -1050.24	233.41 2.13 -202.56	173.83 1.59 -149.96	64.51 2.01 -30.61
INDIAN POINT___2 23530	42.57 2.05 0.00	40.59 1.79 0.00	35.11 1.63 -0.03	32.98 1.48 -0.04	36.47 1.31 -5.08	40.41 1.36 0.00	50.19 1.75 -0.36	43.48 2.02 0.00	43.39 2.43 0.00	41.03 2.65 0.00	46.90 3.07 0.00	60.21 3.92 0.00	180.41 4.43 -115.22	103.78 7.18 0.00	134.41 6.90 -42.58	193.01 8.68 -75.38	248.10 7.22 -153.15	439.91 26.90 -79.22	95.13 2.96 -53.90	-23.60 2.50 58.46	-166.16 2.44 200.31	-26.54 2.07 57.33	-18.62 1.54 42.44	25.18 1.96 8.66
INDIAN POINT___3 23531	42.57 2.06 0.00	40.59 1.79 0.00	35.11 1.64 -0.03	32.97 1.48 -0.05	35.31 1.32 -3.91	40.41 1.36 0.00	50.21 1.75 -0.37	43.47 2.00 0.00	43.36 2.40 0.00	41.01 2.62 0.00	46.86 3.04 0.00	60.15 3.87 0.00	153.90 4.40 -88.74	103.72 7.12 0.00	124.59 6.86 -32.79	175.62 8.63 -58.06	212.82 7.20 -117.89	441.37 26.86 -80.72	104.97 2.94 -63.76	83.38 2.49 -48.52	58.27 2.44 -24.12	20.18 2.07 10.60	15.96 1.55 7.87	32.22 1.96 1.62
INGHAM_C_115KV_TB7 356103	41.39 0.88 0.00	39.39 0.59 0.00	33.86 0.41 0.00	31.81 0.36 0.00	30.49 0.40 0.00	39.44 0.39 0.00	48.77 0.68 0.00	42.15 0.69 0.00	41.68 0.72 0.00	38.94 0.55 0.00	44.41 0.58 0.00	57.10 0.81 0.00	62.00 1.24 0.00	98.86 2.26 0.00	87.18 2.24 0.00	111.09 2.15 0.00	90.36 2.63 0.00	346.55 12.77 0.00	39.54 1.27 0.00	33.32 0.95 0.00	32.97 1.26 0.00	29.67 0.96 0.00	22.80 0.52 0.00	32.25 0.36 0.00
IP CORINTH___1 23988	43.37 2.85 0.00	41.24 2.44 0.00	35.36 1.94 0.03	33.22 1.83 0.05	32.56 1.75 -0.72	41.28 2.23 0.00	50.60 2.96 0.44	44.33 2.86 0.00	43.82 2.86 0.00	40.97 2.59 0.00	46.83 3.01 0.00	60.34 4.05 0.00	81.49 4.30 -16.43	103.74 7.15 0.00	97.59 6.58 -6.07	127.41 7.73 -10.74	116.19 6.70 -21.76	623.61 26.56 -263.26	244.76 3.02 -203.47	116.02 2.46 -81.19	251.58 2.49 -217.39	36.23 2.18 -5.35	27.71 1.47 -3.96	34.75 2.05 -0.81
IP___TICONDEROGA 23804	46.14 5.62 0.00	43.59 4.79 0.00	36.99 3.57 0.03	34.91 3.51 0.06	34.27 3.46 -0.72	43.65 4.60 0.00	53.32 5.68 0.45	47.11 5.64 0.00	46.44 5.48 0.00	43.29 4.91 0.00	49.50 5.68 0.00	63.99 7.70 0.00	86.04 8.78 -16.50	111.04 14.44 0.00	103.68 12.65 -6.10	136.80 17.08 -10.79	123.71 14.13 -21.86	650.04 54.83 -261.43	246.54 6.18 -202.08	118.37 5.06 -80.94	252.87 4.94 -216.23	38.12 4.04 -5.37	29.00 2.75 -3.97	36.80 4.10 -0.81
ISLIP_RES_REC 323679	44.64 4.12 0.00	42.84 4.04 0.00	37.05 3.57 -0.03	34.62 3.12 -0.05	36.33 2.99 -3.26	42.19 3.13 0.00	51.75 3.28 -0.38	44.68 3.22 0.00	44.59 3.64 0.00	42.74 4.36 0.00	57.26 5.20 -8.24	155.46 6.25 -92.93	338.59 6.93 -270.91	344.77 11.48 -236.70	372.43 11.10 -276.39	323.67 13.17 -201.57	345.46 11.06 -246.68	614.15 41.53 -238.84	353.88 4.53 -311.07	353.91 3.71 -317.83	324.19 3.39 -289.10	90.64 3.39 -58.54	56.78 2.69 -31.81	43.35 3.52 -7.95
JAMAICA__27_KV_LOAD 355505	43.48 2.96 0.00	41.49 2.69 0.00	35.89 2.41 -0.03	33.64 2.14 -0.05	35.31 1.95 -3.28	41.16 2.11 0.00	51.18 2.71 -0.38	44.35 2.88 0.00	44.35 3.39 0.00	41.93 3.55 0.00	47.84 4.02 0.00	61.48 5.20 0.00	141.20 5.96 -74.48	106.28 9.68 0.00	121.51 9.04 -27.52	169.31 11.65 -48.73	196.26 9.61 -98.92	451.39 35.84 -81.76	113.51 3.93 -71.31	167.42 3.24 -131.81	231.04 3.18 -196.16	56.76 2.72 -25.33	43.14 2.11 -18.75	38.50 2.79 -3.83
JANIS___SOLAR 323808	42.56 2.05 0.00	40.69 1.89 0.00	35.11 1.66 0.00	33.01 1.56 0.00	31.65 1.57 0.00	41.37 2.32 0.00	51.39 3.30 0.00	44.45 2.98 0.00	43.65 2.70 0.00	40.77 2.39 0.00	46.27 2.45 0.00	59.16 2.88 0.00	63.86 3.10 0.00	102.11 5.51 0.00	89.78 4.84 0.00	115.36 6.42 0.00	93.60 5.87 0.00	385.09 25.34 -25.96	60.81 2.69 -19.85	39.83 2.12 -5.34	52.18 2.09 -18.39	30.58 1.87 0.00	23.60 1.33 0.00	33.47 1.58 0.00
JARVIS____ 23743	40.78 0.27 0.00	39.00 0.20 0.00	33.65 0.20 0.00	31.63 0.18 0.00	30.25 0.16 0.00	39.26 0.21 0.00	48.39 0.30 0.00	41.75 0.29 0.00	41.29 0.33 0.00	38.71 0.33 0.00	44.20 0.37 0.00	56.78 0.50 0.00	61.33 0.58 0.00	97.54 0.94 0.00	85.83 0.89 0.00	109.86 0.93 0.00	88.57 0.84 0.00	337.16 3.38 0.00	38.65 0.38 0.00	32.67 0.31 0.00	31.97 0.26 0.00	28.97 0.26 0.00	22.43 0.15 0.00	32.05 0.16 0.00

JENNISON___1 23625	42.72 2.21 0.00	40.84 2.04 0.00	35.24 1.78 0.00	33.13 1.68 0.00	31.76 1.68 0.00	41.43 2.38 0.00	51.41 3.32 0.00	44.51 3.05 0.00	43.72 2.75 0.00	41.01 2.63 0.00	46.75 2.93 0.00	59.98 3.69 0.00	64.77 4.01 0.00	103.31 6.71 0.00	91.04 6.10 0.00	116.64 7.70 0.00	94.53 6.80 0.00	398.78 26.81 -38.18	70.39 2.93 -29.19	42.60 2.37 -7.86	61.04 2.27 -27.06	30.71 2.00 0.00	23.70 1.42 0.00	33.65 1.76 0.00
JENNISON___2 23626	42.72 2.21 0.00	40.84 2.04 0.00	35.24 1.78 0.00	33.13 1.68 0.00	31.76 1.68 0.00	41.43 2.38 0.00	51.41 3.32 0.00	44.51 3.05 0.00	43.72 2.75 0.00	41.01 2.63 0.00	46.75 2.93 0.00	59.98 3.69 0.00	64.77 4.01 0.00	103.31 6.71 0.00	91.04 6.10 0.00	116.64 7.70 0.00	94.53 6.80 0.00	398.78 26.81 -38.18	70.39 2.93 -29.19	42.60 2.37 -7.86	61.04 2.27 -27.06	30.71 2.00 0.00	23.70 1.42 0.00	33.65 1.76 0.00
JERICHO_RISE_WT_PWR 323719	39.26 -1.25 0.00	37.85 -0.95 0.00	32.61 -0.84 0.00	30.80 -0.65 0.00	29.51 -0.57 0.00	38.22 -0.83 0.00	46.79 -1.29 0.00	40.20 -1.26 0.00	39.62 -1.34 0.00	36.90 -1.47 0.00	42.02 -1.81 0.00	54.06 -2.23 0.00	58.66 -2.09 0.00	93.35 -3.25 0.00	81.36 -3.57 0.00	105.46 -3.47 0.00	84.99 -2.74 0.00	324.31 -9.48 0.00	37.21 -1.06 0.00	31.42 -0.95 0.00	30.79 -0.91 0.00	27.78 -0.93 0.00	21.33 -0.95 0.00	30.98 -0.90 0.00
KATONAH___115KV_46KV_TB4 355592	43.03 2.51 0.00	41.01 2.21 0.00	35.45 1.97 -0.03	33.29 1.79 -0.05	33.79 1.63 -2.08	40.84 1.79 0.00	50.75 2.29 -0.37	43.91 2.44 0.00	43.81 2.84 0.00	41.44 3.06 0.00	47.42 3.60 0.00	60.92 4.64 0.00	113.42 5.29 -47.38	105.26 8.66 0.00	110.74 8.30 -17.51	150.44 10.52 -30.99	159.26 8.71 -62.82	449.53 32.52 -83.23	111.94 3.56 -70.10	138.44 2.97 -103.10	192.24 2.89 -157.64	49.07 2.46 -17.91	37.35 1.81 -13.25	36.89 2.30 -2.71
KCE_NY_1 323755	43.22 2.71 0.00	41.20 2.40 0.00	35.43 2.02 0.03	33.28 1.88 0.06	32.63 1.82 -0.73	41.30 2.25 0.00	50.63 3.01 0.47	44.26 2.79 0.00	43.78 2.82 0.00	40.95 2.57 0.00	46.79 2.97 0.00	60.23 3.94 0.00	81.74 4.41 -16.58	103.65 7.05 0.00	97.62 6.56 -6.13	127.87 8.09 -10.84	116.60 6.91 -21.96	619.96 26.71 -259.47	241.94 3.07 -200.60	115.58 2.53 -80.68	249.13 2.44 -214.99	36.20 2.09 -5.39	27.75 1.47 -3.99	34.74 2.04 -0.81
KCE_NY_6_ESR 323823	40.24 -0.28 0.00	38.39 -0.41 0.00	32.88 -0.57 0.00	30.98 -0.47 0.00	29.80 -0.28 0.00	39.36 0.31 0.00	49.21 1.13 0.00	42.58 1.12 0.00	42.09 1.13 0.00	39.69 1.31 0.00	45.37 1.55 0.00	57.92 1.63 0.00	61.56 0.80 0.00	99.43 2.84 0.00	86.43 1.49 0.00	109.85 0.92 0.00	87.20 -0.54 0.00	341.31 -5.39 -12.92	47.50 -0.61 -9.84	34.77 -0.25 -2.65	40.77 -0.05 -9.11	28.97 0.25 0.00	22.56 0.28 0.00	32.22 0.34 0.00
KEDC_PORT_JEFF_GT2 24210	44.08 3.56 0.00	42.36 3.56 0.00	36.65 3.17 -0.03	34.25 2.76 -0.05	35.96 2.63 -3.26	41.72 2.66 0.00	51.13 2.67 -0.38	44.08 2.61 0.00	43.92 2.96 0.00	42.05 3.66 0.00	58.49 4.20 -10.47	175.63 4.83 -114.51	382.86 5.36 -316.75	403.33 8.92 -297.81	425.39 8.82 -331.63	348.56 10.35 -229.28	381.30 8.82 -284.75	608.94 33.03 -242.12	368.36 3.51 -326.58	404.27 2.84 -369.06	350.06 2.59 -315.77	98.90 2.68 -67.51	57.89 2.23 -33.38	43.09 3.01 -8.19
KEDC_PORT_JEFF_GT3 24211	44.08 3.56 0.00	42.36 3.56 0.00	36.65 3.17 -0.03	34.25 2.76 -0.05	35.96 2.63 -3.26	41.72 2.66 0.00	51.13 2.67 -0.38	44.08 2.61 0.00	43.92 2.96 0.00	42.05 3.66 0.00	58.49 4.20 -10.47	175.63 4.83 -114.51	382.86 5.36 -316.75	403.33 8.92 -297.81	438.53 8.82 -344.78	368.14 10.35 -248.85	389.13 8.82 -292.58	652.00 33.03 -285.18	423.43 3.51 -381.64	408.18 2.84 -372.98	350.06 2.59 -315.77	98.90 2.68 -67.51	57.89 2.23 -33.38	43.09 3.01 -8.19
KEDC_GLWD_GT4 24219	43.45 2.93 0.00	41.48 2.68 0.00	35.86 2.38 -0.03	33.64 2.14 -0.05	35.31 1.97 -3.26	41.13 2.08 0.00	50.84 2.38 -0.38	43.98 2.51 0.00	43.93 2.97 0.00	41.78 3.40 0.00	47.76 3.78 -0.15	61.02 4.74 0.00	139.99 5.37 -73.87	105.50 8.90 0.00	142.89 8.72 -49.23	168.07 10.81 -48.32	194.89 9.07 -98.10	449.45 33.88 -81.79	115.09 3.61 -73.21	166.50 2.95 -131.18	229.71 2.81 -195.20	61.39 2.54 -30.13	45.39 1.87 -21.23	38.09 2.41 -3.80
KEDC_GLWD_GT5 24220	43.45 2.93 0.00	41.48 2.68 0.00	35.86 2.38 -0.03	33.64 2.14 -0.05	35.31 1.97 -3.26	41.13 2.08 0.00	50.84 2.38 -0.38	43.98 2.51 0.00	43.93 2.97 0.00	41.78 3.40 0.00	47.76 3.78 -0.15	61.02 4.74 0.00	139.99 5.37 -73.87	105.50 8.90 0.00	142.89 8.72 -49.23	168.07 10.81 -48.32	194.89 9.07 -98.10	449.45 33.88 -81.79	115.09 3.61 -73.21	166.50 2.95 -131.18	229.71 2.81 -195.20	61.39 2.54 -30.13	45.39 1.87 -21.23	38.09 2.41 -3.80
KENSICO____ 23655	42.80 2.28 0.00	40.81 2.01 0.00	35.31 1.83 -0.03	33.16 1.67 -0.05	35.07 1.50 -3.49	40.64 1.59 0.00	50.46 2.00 -0.38	43.68 2.22 0.00	43.60 2.64 0.00	41.24 2.86 0.00	47.16 3.33 0.00	60.53 4.25 0.00	144.72 4.82 -79.15	104.40 7.80 0.00	121.66 7.48 -29.25	170.16 9.45 -51.78	200.74 7.89 -105.12	444.76 29.44 -81.54	113.17 3.21 -71.68	173.51 2.69 -138.46	241.53 2.63 -207.19	58.52 2.25 -27.56	44.37 1.68 -20.40	38.21 2.16 -4.17
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	42.87 2.36 0.00	40.83 2.03 0.00	35.28 1.81 -0.01	33.09 1.61 -0.02	31.53 1.45 0.00	40.67 1.62 0.00	50.40 2.13 -0.18	43.80 2.33 0.00	43.80 2.84 0.00	41.31 2.93 0.00	47.24 3.42 0.00	60.52 4.24 0.00	65.10 4.35 0.00	103.85 7.25 0.00	92.02 7.08 0.00	118.05 9.11 0.00	95.48 7.75 0.00	442.80 28.29 -80.73	102.63 3.14 -61.22	47.27 2.67 -12.23	90.13 2.37 -56.06	30.73 2.02 0.00	23.75 1.47 0.00	33.69 1.80 0.00
KIAC_JFK_GT1 23816	43.06 2.54 0.00	41.21 2.41 0.00	35.66 2.18 -0.03	33.43 1.93 -0.05	35.11 1.74 -3.28	40.86 1.81 0.00	50.69 2.22 -0.38	43.91 2.45 0.00	43.93 2.96 0.00	41.55 3.17 0.00	47.38 3.56 0.00	60.89 4.61 0.00	140.57 5.33 -74.48	105.25 8.65 0.00	120.60 8.13 -27.52	168.12 10.46 -48.73	195.29 8.65 -98.92	447.76 32.22 -81.76	113.10 3.52 -71.31	167.06 2.89 -131.81	230.70 2.84 -196.16	56.45 2.41 -25.33	42.91 1.88 -18.75	38.18 2.46 -3.83
KIAC_JFK_GT2 23817	43.06 2.54 0.00	41.21 2.41 0.00	35.66 2.18 -0.03	33.43 1.93 -0.05	35.11 1.74 -3.28	40.86 1.81 0.00	50.69 2.22 -0.38	43.91 2.45 0.00	43.93 2.96 0.00	41.55 3.17 0.00	47.38 3.56 0.00	60.89 4.61 0.00	140.57 5.33 -74.48	105.25 8.65 0.00	120.60 8.13 -27.52	168.12 10.46 -48.73	195.29 8.65 -98.92	447.76 32.22 -81.76	113.10 3.52 -71.31	167.06 2.89 -131.81	230.70 2.84 -196.16	56.45 2.41 -25.33	42.91 1.88 -18.75	38.18 2.46 -3.83
KIAC_JFK____ 323774	43.06 2.54 0.00	41.21 2.41 0.00	35.66 2.18 -0.03	33.43 1.93 -0.05	35.10 1.74 -3.28	40.86 1.81 0.00	50.69 2.22 -0.38	43.92 2.45 0.00	43.93 2.96 0.00	41.55 3.17 0.00	47.38 3.56 0.00	60.89 4.61 0.00	140.56 5.32 -74.48	105.24 8.65 0.00	120.60 8.14 -27.52	168.11 10.44 -48.73	195.29 8.65 -98.92	447.74 32.20 -81.76	113.09 3.51 -71.31	167.06 2.88 -131.81	230.70 2.83 -196.16	56.45 2.40 -25.33	42.90 1.87 -18.75	38.18 2.47 -3.83

KINTIGH____ 23543	39.75 -0.76 0.00	37.97 -0.83 0.00	32.52 -0.93 0.00	30.62 -0.83 0.00	29.43 -0.65 0.00	38.77 -0.28 0.00	48.41 0.32 0.00	41.89 0.42 0.00	41.41 0.45 0.00	38.94 0.56 0.00	44.56 0.73 0.00	56.81 0.53 0.00	60.38 -0.38 0.00	97.36 0.76 0.00	84.58 -0.36 0.00	107.62 -1.31 0.00	85.53 -2.20 0.00	332.99 -11.04 -10.25	44.94 -1.18 -7.84	33.71 -0.77 -2.11	38.38 -0.59 -7.26	28.48 -0.23 0.00	22.19 -0.09 0.00	31.73 -0.16 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	39.82 -0.70 0.00	38.40 -0.39 0.00	33.08 -0.38 0.00	31.22 -0.23 0.00	29.95 -0.13 0.00	38.79 -0.26 0.00	47.53 -0.56 0.00	40.85 -0.62 0.00	40.29 -0.67 0.00	37.51 -0.87 0.00	42.65 -1.17 0.00	54.86 -1.43 0.00	59.60 -1.15 0.00	95.04 -1.56 0.00	82.68 -2.26 0.00	107.26 -1.68 0.00	86.42 -1.31 0.00	329.90 -3.88 0.00	37.83 -0.45 0.00	31.95 -0.42 0.00	31.30 -0.41 0.00	28.19 -0.52 0.00	21.60 -0.68 0.00	31.40 -0.49 0.00
LACHUTE__HYDRO 323717	46.14 5.62 0.00	43.59 4.79 0.00	36.99 3.57 0.03	34.91 3.51 0.06	34.27 3.46 -0.72	43.64 4.59 0.00	53.31 5.68 0.45	47.11 5.64 0.00	46.44 5.48 0.00	43.29 4.91 0.00	49.50 5.68 0.00	63.99 7.70 0.00	86.04 8.79 -16.50	111.04 14.44 0.00	103.69 12.65 -6.10	136.80 17.07 -10.79	123.71 14.12 -21.86	649.96 54.75 -261.43	246.55 6.18 -202.08	118.37 5.06 -80.94	252.87 4.94 -216.23	38.12 4.04 -5.37	29.00 2.75 -3.97	36.80 4.10 -0.81
LAWRNCV_115KV_TB1 80681	38.71 -1.81 0.00	37.40 -1.40 0.00	32.08 -1.37 0.00	30.26 -1.19 0.00	28.96 -1.12 0.00	37.65 -1.40 0.00	45.65 -2.44 0.00	39.63 -1.83 0.00	38.87 -2.09 0.00	35.80 -2.58 0.00	40.89 -2.93 0.00	52.72 -3.56 0.00	57.05 -3.70 0.00	90.12 -6.48 0.00	78.88 -6.06 0.00	101.56 -7.38 0.00	81.60 -6.13 0.00	312.27 -21.51 0.00	36.04 -2.24 0.00	30.46 -1.91 0.00	29.77 -1.93 0.00	27.00 -1.71 0.00	21.25 -1.03 0.00	30.70 -1.19 0.00
LEDERLE____ 23769	42.67 2.16 0.00	40.66 1.86 0.00	35.18 1.70 -0.03	33.03 1.53 -0.04	27.11 1.35 4.32	40.49 1.44 0.00	50.32 1.89 -0.34	43.64 2.17 0.00	43.56 2.59 0.00	41.20 2.82 0.00	47.12 3.30 0.00	60.52 4.24 0.00	-31.99 4.78 97.53	104.39 7.79 0.00	56.32 7.43 36.04	54.49 9.41 63.85	-34.69 7.76 130.17	440.42 28.86 -77.77	90.29 3.18 -48.84	-78.62 2.69 113.68	-73.48 2.63 107.81	-0.11 2.22 31.04	0.94 1.64 22.98	29.24 2.04 4.69
LIGHTHSE_115KV_TB6 355974	40.31 -0.21 0.00	38.45 -0.34 0.00	33.25 -0.20 0.00	31.28 -0.17 0.00	29.98 -0.10 0.00	39.20 0.15 0.00	48.46 0.38 0.00	41.98 0.51 0.00	41.59 0.63 0.00	39.03 0.65 0.00	44.50 0.68 0.00	57.15 0.87 0.00	61.49 0.74 0.00	97.47 0.87 0.00	85.53 0.60 0.00	108.58 -0.36 0.00	87.17 -0.56 0.00	333.24 -0.54 0.00	38.47 0.20 0.00	32.63 0.26 0.00	31.73 0.02 0.00	28.94 0.23 0.00	22.57 0.29 0.00	32.03 0.15 0.00
LINDEN COGEN____ 23786	42.42 2.20 0.29	39.67 1.97 1.10	35.37 1.89 -0.03	33.19 1.69 -0.05	34.88 1.52 -3.28	40.43 1.52 0.14	50.30 1.84 -0.37	43.62 2.15 0.00	43.63 2.67 0.00	41.22 2.93 0.10	47.21 3.39 0.00	58.69 4.33 1.93	81.26 4.95 -15.56	99.53 7.99 5.06	112.76 7.70 -20.13	119.98 9.69 -1.35	137.42 8.07 -41.62	432.07 30.09 -68.19	110.91 3.25 -69.38	127.13 2.69 -92.07	221.56 2.63 -187.23	56.28 2.24 -25.33	42.74 1.71 -18.75	38.00 2.29 -3.83
LINDHRST_69_KV_BK1 356055	44.22 3.70 0.00	42.32 3.52 0.00	36.58 3.10 -0.03	34.25 2.75 -0.05	35.93 2.59 -3.26	41.72 2.66 0.00	51.23 2.76 -0.38	44.20 2.74 0.00	44.13 3.17 0.00	42.21 3.82 0.00	49.16 4.54 -0.80	70.10 5.48 -8.34	158.47 6.17 -91.55	126.72 10.34 -19.78	158.54 10.17 -63.43	177.52 12.31 -56.27	205.00 10.41 -106.86	461.84 39.29 -88.76	127.06 4.21 -84.57	179.84 3.39 -144.08	237.40 3.18 -202.52	61.99 3.08 -30.19	46.87 2.41 -22.18	39.84 3.16 -4.80
LIPA_MISC_IPP 23656	44.31 3.79 0.00	42.52 3.72 0.00	36.81 3.33 -0.03	34.37 2.88 -0.05	36.09 2.75 -3.26	41.86 2.81 0.00	51.34 2.88 -0.38	44.29 2.82 0.00	44.20 3.24 0.00	42.31 3.93 0.00	56.15 4.69 -7.63	157.50 5.54 -95.67	343.34 6.05 -276.53	335.34 9.97 -228.77	341.97 9.83 -247.21	297.95 11.38 -177.62	324.02 9.80 -226.49	581.01 36.95 -210.27	312.36 3.90 -270.19	332.77 3.24 -297.16	316.05 3.09 -281.26	87.34 3.13 -55.50	56.41 2.50 -31.62	42.91 3.22 -7.81
LISF__SOLAR 323691	44.38 3.86 0.00	42.59 3.79 0.00	36.86 3.38 -0.03	34.42 2.92 -0.05	36.13 2.80 -3.26	41.92 2.87 0.00	51.42 2.95 -0.38	44.38 2.91 0.00	44.27 3.31 0.00	42.37 3.99 0.00	56.54 4.76 -7.96	159.06 5.64 -97.14	346.61 6.17 -279.68	342.75 10.19 -235.96	354.10 10.05 -259.12	307.27 11.68 -186.65	332.35 10.08 -234.55	592.32 38.10 -220.43	327.34 4.03 -285.04	342.02 3.36 -306.29	320.55 3.19 -285.65	88.85 3.21 -56.92	56.63 2.55 -31.80	43.03 3.29 -7.85
LITTLE FALLS__HYD 24013	41.39 0.88 0.00	39.39 0.59 0.00	33.86 0.41 0.00	31.81 0.36 0.00	30.49 0.40 0.00	39.44 0.39 0.00	48.77 0.68 0.00	42.15 0.69 0.00	41.68 0.72 0.00	38.94 0.55 0.00	44.41 0.58 0.00	57.10 0.81 0.00	62.00 1.24 0.00	98.86 2.26 0.00	87.18 2.24 0.00	111.09 2.15 0.00	90.36 2.63 0.00	346.55 12.77 0.00	39.54 1.27 0.00	33.32 0.95 0.00	32.97 1.26 0.00	29.67 0.96 0.00	22.80 0.52 0.00	32.25 0.36 0.00
LITTLRIV_115KV_TB1 356100	39.13 -1.39 0.00	37.82 -0.98 0.00	32.43 -1.03 0.00	30.58 -0.87 0.00	29.28 -0.80 0.00	38.08 -0.97 0.00	46.28 -1.81 0.00	40.14 -1.32 0.00	39.33 -1.63 0.00	36.29 -2.10 0.00	41.46 -2.36 0.00	53.42 -2.87 0.00	57.75 -3.01 0.00	91.12 -5.48 0.00	79.67 -5.27 0.00	102.50 -6.44 0.00	82.26 -5.47 0.00	315.53 -18.26 0.00	36.50 -1.77 0.00	30.88 -1.49 0.00	30.20 -1.51 0.00	27.36 -1.35 0.00	21.50 -0.78 0.00	31.03 -0.85 0.00
LI_NEWBRDGE__DRP 323616	43.30 2.78 0.00	41.41 2.61 0.00	35.80 2.32 -0.03	33.55 2.06 -0.05	35.24 1.91 -3.26	40.92 1.87 0.00	50.32 1.86 -0.38	43.44 1.98 0.00	43.35 2.39 0.00	41.38 3.00 0.00	47.49 3.52 -0.15	60.52 4.23 0.00	139.39 4.77 -73.87	104.56 7.96 0.00	142.18 8.01 -49.23	166.95 9.69 -48.32	194.06 8.23 -98.09	446.43 30.86 -81.79	114.75 3.26 -73.21	166.17 2.63 -131.18	229.36 2.46 -195.20	56.78 2.40 -25.67	42.90 1.87 -18.75	38.05 2.37 -3.80
LOCKPORT_115KV_TB60_63_64 80432	39.65 -0.86 0.00	37.85 -0.95 0.00	32.35 -1.10 0.00	30.45 -0.99 0.00	29.31 -0.77 0.00	38.72 -0.33 0.00	48.44 0.35 0.00	41.91 0.45 0.00	41.45 0.49 0.00	38.98 0.60 0.00	44.62 0.80 0.00	56.89 0.60 0.00	60.28 -0.47 0.00	97.39 0.79 0.00	84.35 -0.59 0.00	107.22 -1.72 0.00	85.10 -2.63 0.00	331.52 -13.66 -11.40	45.48 -1.47 -8.68	33.78 -0.92 -2.34	39.13 -0.61 -8.03	28.50 -0.21 0.00	22.19 -0.09 0.00	31.72 -0.16 0.00
LOCKPORT__CC1 323769	39.48 -1.03 0.00	37.68 -1.12 0.00	32.21 -1.25 0.00	30.33 -1.12 0.00	29.19 -0.89 0.00	38.55 -0.49 0.00	48.23 0.15 0.00	41.72 0.26 0.00	41.26 0.30 0.00	38.81 0.43 0.00	44.41 0.58 0.00	56.60 0.31 0.00	60.01 -0.74 0.00	96.88 0.28 0.00	83.94 -1.00 0.00	106.68 -2.25 0.00	84.70 -3.03 0.00	329.99 -15.29 -11.50	45.38 -1.65 -8.75	33.65 -1.07 -2.36	39.06 -0.75 -8.10	28.38 -0.33 0.00	22.13 -0.15 0.00	31.58 -0.31 0.00

LOCKPORT___CC2 323770	39.48 -1.03 0.00	37.68 -1.12 0.00	32.21 -1.25 0.00	30.33 -1.12 0.00	29.19 -0.89 0.00	38.55 -0.49 0.00	48.23 0.15 0.00	41.72 0.26 0.00	41.26 0.30 0.00	38.81 0.43 0.00	44.41 0.58 0.00	56.60 0.31 0.00	60.01 -0.74 0.00	96.88 0.28 0.00	83.94 -1.00 0.00	106.68 -2.25 0.00	84.70 -3.03 0.00	329.99 -15.29 -11.50	45.38 -1.65 -8.75	33.65 -1.07 -2.36	39.06 -0.75 -8.10	28.38 -0.33 0.00	22.13 -0.15 0.00	31.58 -0.31 0.00
LOCKPORT___CC3 323771	39.48 -1.03 0.00	37.68 -1.12 0.00	32.21 -1.25 0.00	30.33 -1.12 0.00	29.19 -0.89 0.00	38.55 -0.49 0.00	48.23 0.15 0.00	41.72 0.26 0.00	41.26 0.30 0.00	38.81 0.43 0.00	44.41 0.58 0.00	56.60 0.31 0.00	60.01 -0.74 0.00	96.88 0.28 0.00	83.94 -1.00 0.00	106.68 -2.25 0.00	84.70 -3.03 0.00	329.99 -15.29 -11.50	45.38 -1.65 -8.75	33.65 -1.07 -2.36	39.06 -0.75 -8.10	28.38 -0.33 0.00	22.13 -0.15 0.00	31.58 -0.31 0.00
LONG_LAKE_PHOENIX 24014	40.36 -0.16 0.00	38.55 -0.24 0.00	33.22 -0.24 0.00	31.23 -0.22 0.00	29.89 -0.19 0.00	38.97 -0.08 0.00	48.28 0.19 0.00	41.73 0.27 0.00	41.30 0.33 0.00	38.77 0.39 0.00	44.25 0.43 0.00	56.73 0.44 0.00	61.01 0.26 0.00	97.27 0.67 0.00	85.38 0.44 0.00	109.20 0.26 0.00	87.85 0.13 0.00	333.54 -0.24 0.00	38.25 -0.03 0.00	32.41 0.04 0.00	31.71 0.00 0.00	28.78 0.07 0.00	22.34 0.05 0.00	31.73 -0.16 0.00
LOVETT___3 23632	42.45 1.93 0.00	40.44 1.64 0.00	35.00 1.52 -0.03	32.86 1.37 -0.04	26.78 1.20 4.50	40.26 1.21 0.00	50.02 1.59 -0.35	43.36 1.89 0.00	43.27 2.31 0.00	40.91 2.53 0.00	46.78 2.96 0.00	60.06 3.78 101.68	-36.64 4.29 0.00	103.54 6.94 0.00	54.05 6.69 37.57	50.79 8.43 66.57	-40.97 7.01 135.70	437.92 25.98 -78.15	90.08 2.87 -48.94	-81.09 2.44 115.91	-74.73 2.40 108.84	-0.66 2.02 31.40	0.53 1.49 23.24	28.99 1.85 4.75
LOVETT___4 23642	42.45 1.93 0.00	40.44 1.64 0.00	35.00 1.52 -0.03	32.86 1.37 -0.04	26.78 1.20 4.50	40.26 1.21 0.00	50.02 1.59 -0.35	43.36 1.89 0.00	43.27 2.31 0.00	40.91 2.53 0.00	46.78 2.96 0.00	60.06 3.78 101.68	-36.64 4.29 0.00	103.54 6.94 0.00	54.05 6.69 37.57	50.79 8.43 66.57	-40.97 7.01 135.70	437.92 25.98 -78.15	90.08 2.87 -48.94	-81.09 2.44 115.91	-74.73 2.40 108.84	-0.66 2.02 31.40	0.53 1.49 23.24	28.99 1.85 4.75
LOVETT___5 23593	42.45 1.93 0.00	40.44 1.64 0.00	35.00 1.52 -0.03	32.86 1.37 -0.04	26.78 1.20 4.50	40.26 1.21 0.00	50.02 1.59 -0.35	43.36 1.89 0.00	43.27 2.31 0.00	40.91 2.53 0.00	46.78 2.96 0.00	60.06 3.78 101.68	-36.64 4.29 0.00	103.54 6.94 0.00	54.05 6.69 37.57	50.79 8.43 66.57	-40.97 7.01 135.70	437.92 25.98 -78.15	90.08 2.87 -48.94	-81.09 2.44 115.91	-74.73 2.40 108.84	-0.66 2.02 31.40	0.53 1.49 23.24	28.99 1.85 4.75
LOWER RAQUET___HYD 24057	38.49 -2.02 0.00	37.22 -1.58 0.00	31.89 -1.56 0.00	30.10 -1.35 0.00	28.81 -1.28 0.00	37.45 -1.60 0.00	45.43 -2.65 0.00	39.45 -2.01 0.00	38.70 -2.26 0.00	35.66 -2.72 0.00	40.74 -3.08 0.00	52.52 -3.77 0.00	56.83 -3.92 0.00	89.72 -6.88 0.00	78.53 -6.40 0.00	101.03 -7.91 0.00	81.14 -6.59 0.00	310.89 -22.90 0.00	35.91 -2.37 0.00	30.35 -2.02 0.00	29.65 -2.06 0.00	26.89 -1.82 0.00	21.16 -1.12 0.00	30.55 -1.34 0.00
LOWER___HUDSON 24059	42.46 1.95 0.00	40.52 1.72 0.00	34.87 1.46 0.04	32.76 1.38 0.07	32.15 1.30 -0.77	40.58 1.53 0.00	49.57 2.06 0.58	43.34 1.88 0.00	42.89 1.93 0.00	40.11 1.73 0.00	45.75 1.93 0.00	58.76 2.47 0.00	81.01 2.83 -17.43	101.06 4.46 0.00	95.65 4.27 -6.44	125.49 5.16 -11.39	115.36 4.55 -23.07	584.05 18.19 -232.08	220.20 2.13 -179.79	110.76 1.82 -76.58	230.64 1.77 -197.16	35.88 1.50 -5.66	27.52 1.05 -4.19	34.16 1.42 -0.86
LOWVILLE_115KV_TB2 356335	40.02 -0.50 0.00	38.22 -0.58 0.00	33.28 -0.17 0.00	31.42 -0.03 0.00	30.02 -0.06 0.00	39.38 0.33 0.00	48.31 0.23 0.00	41.89 0.43 0.00	41.55 0.59 0.00	38.91 0.53 0.00	44.39 0.57 0.00	57.24 0.95 0.00	61.93 1.18 0.00	97.46 0.86 0.00	86.01 1.08 0.00	108.61 -0.32 0.00	87.17 -0.56 0.00	336.33 2.55 0.00	39.01 0.73 0.00	33.10 0.74 0.00	31.67 -0.04 0.00	29.20 0.49 0.00	22.84 0.56 0.00	32.56 0.68 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	43.24 2.72 0.00	41.20 2.40 0.00	35.43 2.01 0.03	33.28 1.89 0.06	32.61 1.80 -0.73	41.30 2.25 0.00	50.59 2.97 0.47	44.22 2.75 0.00	43.74 2.78 0.00	40.92 2.53 0.00	46.74 2.92 0.00	60.11 3.83 0.00	81.59 4.26 -16.58	103.50 6.90 0.00	97.45 6.39 -6.13	127.65 7.87 -10.84	116.40 6.72 -21.96	619.52 26.26 -259.47	241.88 3.01 -200.60	115.56 2.51 -80.68	249.12 2.43 -214.99	36.20 2.09 -5.39	27.75 1.48 -3.99	34.72 2.02 -0.81
LUTHERNY_35_KV_BK2 355980	43.22 2.71 0.00	41.20 2.40 0.00	35.43 2.02 0.03	33.28 1.88 0.06	32.63 1.82 -0.73	41.30 2.25 0.00	50.63 3.01 0.47	44.26 2.79 0.00	43.79 2.82 0.00	40.95 2.57 0.00	46.79 2.97 0.00	60.23 3.95 0.00	81.74 4.41 -16.58	103.66 7.06 0.00	97.62 6.56 -6.13	127.87 8.09 -10.84	116.59 6.91 -21.96	620.02 26.76 -259.47	241.94 3.07 -200.60	115.58 2.53 -80.68	249.14 2.45 -214.99	36.20 2.09 -5.39	27.75 1.48 -3.99	34.74 2.04 -0.81
LWR___OSWEGATCHIE_HYD 23850	39.12 -1.39 0.00	37.58 -1.22 0.00	32.46 -0.99 0.00	30.70 -0.75 0.00	29.38 -0.70 0.00	38.38 -0.67 0.00	46.84 -1.25 0.00	40.67 -0.80 0.00	40.10 -0.86 0.00	37.26 -1.12 0.00	42.52 -1.30 0.00	54.84 -1.45 0.00	59.23 -1.53 0.00	93.24 -3.36 0.00	81.90 -3.03 0.00	104.17 -4.76 0.00	83.55 -4.18 0.00	321.56 -12.22 0.00	37.28 -1.00 0.00	31.59 -0.77 0.00	30.61 -1.10 0.00	28.00 -0.71 0.00	21.97 -0.31 0.00	31.50 -0.39 0.00
LYONS_FALL_HYD 23570	40.70 0.18 0.00	38.87 0.06 0.00	33.72 0.27 0.00	31.79 0.34 0.00	30.39 0.31 0.00	39.74 0.69 0.00	48.89 0.81 0.00	42.41 0.94 0.00	42.21 1.25 0.00	39.34 0.96 0.00	44.86 1.03 0.00	57.75 1.47 0.00	62.44 1.68 0.00	98.69 2.09 0.00	86.93 1.99 0.00	110.29 1.35 0.00	88.70 0.97 0.00	340.92 7.14 0.00	39.31 1.04 0.00	33.34 0.97 0.00	32.14 0.44 0.00	29.49 0.78 0.00	22.98 0.70 0.00	32.77 0.89 0.00
MADISON___COUNTY_LFGE 323628	41.78 1.26 0.00	39.91 1.11 0.00	34.44 0.99 0.00	32.38 0.93 0.00	31.00 0.91 0.00	40.42 1.36 0.00	49.98 1.89 0.00	43.19 1.72 0.00	42.72 1.75 0.00	40.07 1.69 0.00	45.84 2.01 0.00	58.91 2.63 0.00	63.63 2.87 0.00	101.20 4.60 0.00	88.72 3.78 0.00	112.98 4.04 0.00	90.94 3.21 0.00	347.90 14.12 0.00	39.78 1.51 0.00	33.62 1.25 0.00	32.84 1.13 0.00	29.97 1.26 0.00	23.19 0.91 0.00	33.00 1.11 0.00
MALONE___115KV_TB1 356076	39.38 -1.14 0.00	37.96 -0.84 0.00	32.66 -0.79 0.00	30.94 -0.51 0.00	29.62 -0.47 0.00	38.42 -0.63 0.00	46.96 -1.13 0.00	40.50 -0.96 0.00	39.85 -1.11 0.00	37.02 -1.36 0.00	42.17 -1.65 0.00	54.33 -1.96 0.00	58.99 -1.77 0.00	93.55 -3.04 0.00	81.81 -3.13 0.00	105.66 -3.27 0.00	85.07 -2.66 0.00	324.98 -8.81 0.00	37.39 -0.89 0.00	31.58 -0.79 0.00	30.92 -0.78 0.00	27.93 -0.79 0.00	21.55 -0.73 0.00	31.21 -0.68 0.00

MAPLEWOD_115KV_TB3 80458	42.22 1.70 0.00	40.28 1.48 0.00	34.69 1.27 0.03	32.59 1.20 0.06	31.95 1.11 -0.76	40.33 1.28 0.00	49.40 1.76 0.46	43.13 1.66 0.00	42.69 1.73 0.00	39.95 1.57 0.00	45.55 1.73 0.00	58.47 2.18 0.00	80.60 2.58 -17.26	100.71 4.11 0.00	95.34 4.02 -6.38	125.21 4.99 -11.29	115.03 4.45 -22.85	552.49 17.50 -201.20	196.43 1.99 -156.16	103.70 1.71 -69.62	207.95 1.63 -174.62	35.56 1.30 -5.55	27.29 0.91 -4.11	33.92 1.20 -0.84
MAPLE_RIDGE_WT_1 323574	40.02 -0.50 0.00	38.19 -0.61 0.00	33.14 -0.31 0.00	31.11 -0.34 0.00	29.73 -0.36 0.00	38.68 -0.37 0.00	47.28 -0.81 0.00	40.81 -0.65 0.00	40.37 -0.60 0.00	37.71 -0.67 0.00	43.03 -0.79 0.00	55.30 -0.99 0.00	59.88 -0.87 0.00	95.13 -1.47 0.00	83.71 -1.23 0.00	107.29 -1.65 0.00	86.53 -1.20 0.00	330.01 -3.78 0.00	37.91 -0.36 0.00	32.04 -0.32 0.00	30.99 -0.72 0.00	28.24 -0.46 0.00	21.78 -0.50 0.00	31.38 -0.50 0.00
MAPLE_RIDGE_WT_2 323611	40.02 -0.50 0.00	38.19 -0.61 0.00	33.14 -0.31 0.00	31.11 -0.34 0.00	29.73 -0.36 0.00	38.68 -0.37 0.00	47.28 -0.81 0.00	40.81 -0.65 0.00	40.37 -0.60 0.00	37.71 -0.67 0.00	43.03 -0.79 0.00	55.30 -0.99 0.00	59.88 -0.87 0.00	95.13 -1.47 0.00	83.71 -1.23 0.00	107.29 -1.65 0.00	86.53 -1.20 0.00	330.01 -3.78 0.00	37.91 -0.36 0.00	32.04 -0.32 0.00	30.99 -0.72 0.00	28.24 -0.46 0.00	21.78 -0.50 0.00	31.38 -0.50 0.00
MARBLE_RIVER_WT_PWR 323696	39.31 -1.21 0.00	37.89 -0.91 0.00	32.65 -0.80 0.00	30.80 -0.65 0.00	29.57 -0.51 0.00	38.30 -0.76 0.00	46.89 -1.19 0.00	40.30 -1.17 0.00	39.74 -1.22 0.00	37.01 -1.37 0.00	42.11 -1.72 0.00	54.17 -2.12 0.00	58.79 -1.97 0.00	93.61 -2.99 0.00	81.55 -3.39 0.00	105.76 -3.18 0.00	85.23 -2.50 0.00	325.26 -8.52 0.00	37.30 -0.98 0.00	31.50 -0.87 0.00	30.86 -0.84 0.00	27.85 -0.86 0.00	21.36 -0.92 0.00	31.01 -0.87 0.00
MARSHVLE_115KV_TB1 80742	43.74 3.22 0.00	41.83 3.02 0.00	36.02 2.59 0.02	33.83 2.41 0.03	32.91 2.31 -0.53	42.25 3.19 0.00	52.03 4.22 0.28	45.32 3.86 0.00	44.39 3.43 0.00	41.44 3.06 0.00	47.33 3.51 0.00	60.84 4.56 0.00	77.32 4.75 -11.81	104.68 8.08 0.00	95.79 6.48 -4.36	124.49 7.81 -7.74	110.08 6.46 -15.88	591.02 28.36 -228.87	217.51 3.51 -175.73	91.54 2.75 -56.41	200.46 2.80 -165.95	31.27 2.56 0.00	24.20 1.92 0.00	34.56 2.67 0.00
MARSH_HILL_WT_PWR 323713	39.90 -0.61 0.00	37.95 -0.84 0.00	32.78 -0.67 0.00	31.19 -0.26 0.00	30.09 0.01 0.00	39.43 0.38 0.00	48.73 0.65 0.00	42.90 1.44 0.00	42.46 1.50 0.00	40.25 1.87 0.00	45.75 1.93 0.00	58.30 2.02 0.00	62.02 1.27 0.00	99.60 3.01 0.00	87.31 2.37 0.00	110.74 1.81 0.00	86.89 -0.83 0.00	346.01 -4.11 -16.33	50.31 -0.45 -12.48	36.37 0.64 -3.36	43.91 0.66 -11.54	29.52 0.81 0.00	22.94 0.66 0.00	32.59 0.70 0.00
MCINTYRE_115KV_TB2 80467	39.69 -0.83 0.00	38.33 -0.47 0.00	32.91 -0.54 0.00	31.02 -0.43 0.00	29.70 -0.38 0.00	38.63 -0.42 0.00	46.98 -1.11 0.00	40.69 -0.78 0.00	39.80 -1.17 0.00	36.73 -1.65 0.00	42.01 -1.82 0.00	54.10 -2.19 0.00	58.42 -2.33 0.00	92.20 -4.39 0.00	80.51 -4.42 0.00	103.62 -5.32 0.00	83.15 -4.58 0.00	318.88 -14.91 0.00	36.97 -1.31 0.00	31.30 -1.07 0.00	30.65 -1.06 0.00	27.74 -0.97 0.00	21.78 -0.49 0.00	31.46 -0.42 0.00
MECO____69_KV_BK1 80468	44.80 4.29 0.00	42.75 3.95 0.00	36.77 3.34 0.02	34.53 3.12 0.04	33.65 2.98 -0.58	43.12 4.07 0.00	53.22 5.44 0.31	45.89 4.42 0.00	43.83 2.87 0.00	40.72 2.33 0.00	46.46 2.63 0.00	59.64 3.36 0.00	77.48 3.56 -13.16	102.26 5.66 0.00	94.87 5.07 -4.86	123.65 6.09 -8.62	112.35 7.03 -17.60	622.69 44.20 -244.71	231.34 5.15 -187.92	97.20 4.17 -60.67	213.27 4.02 -177.55	32.18 3.47 0.00	24.94 2.66 0.00	35.50 3.62 0.00
MENANDS_115KV_TB5 355628	41.89 1.37 0.00	39.97 1.18 0.00	34.43 1.01 0.03	32.35 0.95 0.06	31.72 0.88 -0.76	40.02 0.97 0.00	48.99 1.36 0.45	42.76 1.29 0.00	42.34 1.38 0.00	39.61 1.23 0.00	45.15 1.33 0.00	57.95 1.67 0.00	80.07 2.01 -17.30	99.74 3.14 0.00	94.54 3.22 -6.39	124.15 3.90 -11.31	114.18 3.54 -22.90	544.12 14.01 -196.32	192.31 1.61 -152.43	102.43 1.39 -68.67	204.24 1.31 -171.22	35.31 1.04 -5.56	27.10 0.70 -4.12	33.65 0.92 -0.84
MG INDUSTRY__DRP 24185	41.30 0.78 0.00	39.44 0.64 0.00	33.98 0.54 0.02	31.94 0.53 0.03	31.25 0.47 -0.69	39.50 0.45 0.00	48.53 0.72 0.27	42.19 0.72 0.00	41.70 0.73 0.00	38.86 0.48 0.00	44.14 0.32 0.00	56.66 0.37 0.00	77.17 0.58 -15.84	97.38 0.78 0.00	91.95 1.16 -5.85	120.62 1.33 -10.35	110.16 1.54 -20.89	491.83 6.65 -151.39	156.89 0.77 -117.85	89.88 0.73 -56.78	169.18 0.67 -136.81	34.33 0.44 -5.17	26.39 0.28 -3.83	33.04 0.38 -0.78
MID__OSWEGATCHIE_HYD 23849	39.12 -1.39 0.00	37.58 -1.22 0.00	32.46 -0.99 0.00	30.70 -0.75 0.00	29.38 -0.70 0.00	38.38 -0.67 0.00	46.84 -1.25 0.00	40.67 -0.80 0.00	40.10 -0.86 0.00	37.26 -1.12 0.00	42.52 -1.30 0.00	54.84 -1.45 0.00	59.23 -1.53 0.00	93.24 -3.36 0.00	81.90 -3.03 0.00	104.17 -4.76 0.00	83.55 -4.18 0.00	321.56 -12.22 0.00	37.28 -1.00 0.00	31.59 -0.77 0.00	30.61 -1.10 0.00	28.00 -0.71 0.00	21.97 -0.31 0.00	31.50 -0.39 0.00
MID__RAQUETTE_HYD 23851	38.49 -2.02 0.00	37.22 -1.58 0.00	31.89 -1.56 0.00	30.10 -1.35 0.00	28.81 -1.28 0.00	37.45 -1.60 0.00	45.43 -2.65 0.00	39.45 -2.01 0.00	38.70 -2.26 0.00	35.66 -2.72 0.00	40.74 -3.09 0.00	52.51 -3.77 0.00	56.84 -3.92 0.00	89.72 -6.88 0.00	78.53 -6.41 0.00	101.02 -7.91 0.00	81.14 -6.59 0.00	310.89 -22.90 0.00	35.90 -2.37 0.00	30.35 -2.02 0.00	29.65 -2.05 0.00	26.89 -1.82 0.00	21.16 -1.12 0.00	30.55 -1.34 0.00
MILLIKEN__1 23584	41.67 1.15 0.00	39.77 0.97 0.00	34.29 0.84 0.00	32.25 0.79 0.00	30.91 0.82 0.00	40.34 1.29 0.00	49.98 1.89 0.00	43.22 1.75 0.00	42.76 1.80 0.00	40.10 1.72 0.00	45.70 1.88 0.00	58.55 2.26 0.00	63.02 2.26 0.00	100.71 4.11 0.00	88.58 3.64 0.00	113.11 4.17 0.00	91.37 3.64 0.00	365.02 14.77 -16.46	52.42 1.57 -12.58	37.02 1.27 -3.39	44.55 1.20 -11.65	29.82 1.11 0.00	23.08 0.80 0.00	32.79 0.91 0.00
MILLIKEN__2 23585	41.67 1.15 0.00	39.77 0.97 0.00	34.29 0.84 0.00	32.25 0.79 0.00	30.91 0.82 0.00	40.34 1.29 0.00	49.98 1.89 0.00	43.22 1.75 0.00	42.76 1.80 0.00	40.10 1.72 0.00	45.70 1.88 0.00	58.55 2.26 0.00	63.02 2.26 0.00	100.71 4.11 0.00	88.58 3.64 0.00	113.11 4.17 0.00	91.37 3.64 0.00	365.02 14.77 -16.46	52.42 1.57 -12.58	37.02 1.27 -3.39	44.55 1.20 -11.65	29.82 1.11 0.00	23.08 0.80 0.00	32.79 0.91 0.00
MILLIKEN__DIESEL 23629	41.67 1.15 0.00	39.77 0.97 0.00	34.29 0.84 0.00	32.25 0.79 0.00	30.91 0.82 0.00	40.34 1.29 0.00	49.98 1.89 0.00	43.22 1.75 0.00	42.76 1.80 0.00	40.10 1.72 0.00	45.70 1.88 0.00	58.55 2.26 0.00	63.02 2.26 0.00	100.71 4.11 0.00	88.58 3.64 0.00	113.11 4.17 0.00	91.37 3.64 0.00	365.02 14.77 -16.46	52.42 1.57 -12.58	37.02 1.27 -3.39	44.55 1.20 -11.65	29.82 1.11 0.00	23.08 0.80 0.00	32.79 0.91 0.00

MILLSEAT___LFGE 323607	40.77 0.25 0.00	38.87 0.07 0.00	33.22 -0.23 0.00	31.26 -0.19 0.00	30.06 -0.02 0.00	39.71 0.66 0.00	49.70 1.61 0.00	43.07 1.60 0.00	42.61 1.65 0.00	40.02 1.64 0.00	45.70 1.88 0.00	58.39 2.11 0.00	62.09 1.34 0.00	100.19 3.59 0.00	86.29 1.35 0.00	109.43 0.50 0.00	86.77 -0.96 0.00	337.35 -7.42 -10.98	45.93 -0.68 -8.34	34.45 -0.16 -2.24	39.75 0.33 -7.70	29.30 0.59 0.00	22.78 0.50 0.00	32.45 0.57 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	42.69 2.18 0.00	40.72 1.91 0.00	35.23 1.75 -0.03	33.07 1.58 -0.05	35.14 1.41 -3.64	40.54 1.49 0.00	50.36 1.89 -0.37	43.58 2.11 0.00	43.48 2.52 0.00	41.13 2.74 0.00	47.02 3.20 0.00	60.34 4.06 0.00	148.00 4.62 -82.62	104.07 7.47 0.00	122.65 7.18 -30.53	172.05 9.06 -54.05	205.05 7.57 -109.75	443.11 28.19 -81.13	133.28 3.09 -91.91	425.44 2.59 -390.48	732.45 2.54 -698.21	160.36 2.17 -129.48	119.76 1.62 -95.86	53.51 2.06 -19.57
MILLWOOD_13_KV_LOAD 356217	42.87 2.35 0.00	40.87 2.07 0.00	35.36 1.88 -0.03	33.19 1.70 -0.05	35.26 1.53 -3.64	40.69 1.64 0.00	50.54 2.08 -0.37	43.75 2.28 0.00	43.66 2.70 0.00	41.31 2.92 0.00	47.25 3.42 0.00	60.67 4.38 0.00	148.36 4.98 -82.62	104.66 8.07 0.00	123.20 7.73 -30.53	172.79 9.81 -54.05	205.64 8.16 -109.75	445.35 30.43 -81.13	133.50 3.31 -91.91	425.62 2.78 -390.48	732.63 2.71 -698.21	160.50 2.31 -129.48	119.85 1.71 -95.86	53.65 2.19 -19.57
MODEL_CITY_ENERGY 24167	39.32 -1.20 0.00	37.54 -1.26 0.00	32.08 -1.37 0.00	30.21 -1.25 0.00	29.07 -1.01 0.00	38.41 -0.64 0.00	48.05 -0.04 0.00	41.54 0.07 0.00	41.07 0.11 0.00	38.64 0.26 0.00	44.25 0.42 0.00	56.38 0.10 0.00	59.71 -1.05 0.00	96.47 -0.13 0.00	83.56 -1.37 0.00	106.18 -2.76 0.00	84.29 -3.44 0.00	328.55 -16.87 -11.64	45.34 -1.81 -8.87	33.56 -1.19 -2.39	39.02 -0.90 -8.21	28.26 -0.44 0.00	22.04 -0.24 0.00	31.45 -0.43 0.00
MODERN_LFGE___ 323580	39.32 -1.20 0.00	37.54 -1.26 0.00	32.08 -1.37 0.00	30.21 -1.25 0.00	29.07 -1.01 0.00	38.41 -0.64 0.00	48.05 -0.04 0.00	41.54 0.07 0.00	41.07 0.11 0.00	38.64 0.26 0.00	44.25 0.42 0.00	56.38 0.10 0.00	59.71 -1.05 0.00	96.47 -0.13 0.00	83.56 -1.37 0.00	106.18 -2.76 0.00	84.29 -3.44 0.00	328.55 -16.87 -11.64	45.34 -1.81 -8.87	33.56 -1.19 -2.39	39.02 -0.90 -8.21	28.26 -0.44 0.00	22.04 -0.24 0.00	31.45 -0.43 0.00
MOHAWK_PAPER___DRP 24187	42.22 1.70 0.00	40.28 1.48 0.00	34.69 1.27 0.03	32.59 1.20 0.06	31.95 1.11 -0.76	40.33 1.28 0.00	49.40 1.76 0.46	43.13 1.66 0.00	42.69 1.73 0.00	39.95 1.57 0.00	45.55 1.73 0.00	58.47 2.18 0.00	80.60 2.58 -17.26	100.71 4.11 0.00	95.34 4.02 -6.38	125.21 4.99 -11.29	115.03 4.45 -22.85	552.49 17.50 -201.20	196.43 1.99 -156.16	103.70 1.71 -69.62	207.95 1.63 -174.62	35.56 1.30 -5.55	27.29 0.91 -4.11	33.92 1.20 -0.84
MOHICAN__35_KV_115KV_LD 80490	43.76 3.25 0.00	41.59 2.79 0.00	35.62 2.21 0.03	33.49 2.09 0.06	32.82 2.01 -0.73	41.62 2.57 0.00	50.99 3.36 0.46	44.70 3.23 0.00	44.18 3.22 0.00	41.28 2.90 0.00	47.17 3.35 0.00	60.77 4.49 0.00	82.18 4.90 -16.53	104.65 8.05 0.00	98.43 7.39 -6.11	128.86 9.11 -10.81	117.47 7.85 -21.89	625.41 30.95 -260.68	243.33 3.53 -201.52	116.11 2.90 -80.84	250.32 2.86 -215.75	36.55 2.46 -5.38	27.95 1.69 -3.98	35.05 2.36 -0.81
MONGAUP___HYD 23641	42.55 2.04 0.00	40.52 1.72 0.00	34.97 1.50 -0.02	32.84 1.35 -0.04	28.73 1.21 2.56	40.38 1.33 0.00	50.16 1.78 -0.30	43.37 1.91 0.00	42.92 1.96 0.00	40.21 1.83 0.00	45.80 1.98 0.00	58.51 2.22 0.00	5.63 2.58 57.71	100.88 4.28 0.00	68.06 4.45 21.33	76.77 5.63 37.80	15.84 5.30 77.19	426.18 19.88 -72.52	88.85 2.27 -48.31	-37.49 1.95 71.81	-19.91 1.74 53.36	10.67 1.47 19.51	9.07 1.23 14.44	30.53 1.59 2.95
MONTAUK___DIESEL 23721	46.63 6.12 0.00	44.70 5.91 0.00	38.63 5.15 -0.03	36.08 4.59 -0.05	37.74 4.41 -3.26	44.01 4.96 0.00	54.06 5.59 -0.38	46.74 5.27 0.00	46.79 5.83 0.00	44.99 6.60 0.00	59.27 7.69 -7.76	162.20 9.63 -96.29	348.16 9.55 -277.85	344.04 15.88 -231.55	351.93 15.34 -251.65	308.23 18.34 -180.96	332.69 15.47 -229.50	605.81 58.06 -213.96	320.00 6.12 -275.61	338.30 5.37 -300.55	319.76 5.25 -282.81	89.81 5.06 -56.03	57.93 3.95 -31.69	44.91 5.20 -7.82
MOONROAD_115KV_HARTFLD_TB1-2 355988	41.02 0.51 0.00	39.11 0.31 0.00	33.45 0.00 0.00	31.60 0.15 0.00	30.39 0.31 0.00	40.14 1.09 0.00	50.38 2.29 0.00	43.41 1.94 0.00	42.87 1.91 0.00	40.36 1.98 0.00	46.03 2.21 0.00	58.97 2.69 0.00	62.94 2.18 0.00	101.83 5.23 0.00	88.08 3.15 0.00	111.55 2.61 0.00	88.73 0.99 0.00	347.61 0.06 -13.76	48.59 -0.19 -10.50	35.32 0.12 -2.83	41.70 0.28 -9.72	29.44 0.72 0.00	22.97 0.69 0.00	32.78 0.90 0.00
MORTIMER_115KV_TB3 55949	40.83 0.31 0.00	38.95 0.15 0.00	33.38 -0.07 0.00	31.37 -0.08 0.00	30.12 0.04 0.00	39.55 0.50 0.00	49.31 1.22 0.00	42.73 1.27 0.00	42.26 1.30 0.00	39.71 1.32 0.00	45.40 1.57 0.00	58.00 1.72 0.00	61.98 1.23 0.00	99.65 3.05 0.00	86.80 1.86 0.00	110.77 1.83 0.00	88.55 0.82 0.00	343.56 0.79 -8.99	45.27 0.13 -6.87	34.49 0.27 -1.85	38.45 0.38 -6.36	29.25 0.54 0.00	22.71 0.43 0.00	32.36 0.47 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	43.03 2.51 0.00	41.05 2.25 0.00	35.55 2.07 -0.03	33.38 1.89 -0.05	35.07 1.71 -3.28	40.89 1.84 0.00	50.72 2.26 -0.38	43.93 2.47 0.00	43.91 2.94 0.00	41.57 3.19 0.00	47.51 3.69 0.00	60.99 4.70 0.00	140.53 5.33 -74.45	105.20 8.60 0.00	120.65 8.20 -27.51	168.01 10.37 -48.70	195.22 8.62 -98.87	447.69 32.15 -81.76	113.07 3.49 -71.31	167.04 2.90 -131.77	230.63 2.83 -196.10	56.45 2.42 -25.32	42.85 1.83 -18.74	38.12 2.40 -3.83
MUNSVILLE_WIND_PWR 323609	43.67 3.15 0.00	41.84 3.04 0.00	36.19 2.73 0.00	33.98 2.53 0.00	32.60 2.52 0.00	42.65 3.60 0.00	53.04 4.96 0.00	45.99 4.53 0.00	45.07 4.11 0.00	42.21 3.83 0.00	48.09 4.26 0.00	61.60 5.32 0.00	66.53 5.77 0.00	106.03 9.43 0.00	93.39 8.46 0.00	120.16 11.22 0.00	97.69 9.96 0.00	405.49 39.61 -32.10	67.13 4.33 -24.53	42.30 3.32 -6.61	57.71 3.27 -22.74	31.58 2.87 0.00	24.26 1.98 0.00	34.31 2.43 0.00
N SALMON___HYD 24042	39.38 -1.14 0.00	37.96 -0.84 0.00	32.66 -0.79 0.00	30.94 -0.51 0.00	29.62 -0.47 0.00	38.42 -0.63 0.00	46.96 -1.13 0.00	40.50 -0.96 0.00	39.86 -1.11 0.00	37.02 -1.36 0.00	42.17 -1.65 0.00	54.33 -1.95 0.00	58.99 -1.76 0.00	93.55 -3.04 0.00	81.81 -3.13 0.00	105.65 -3.28 0.00	85.06 -2.66 0.00	324.98 -8.80 0.00	37.39 -0.89 0.00	31.58 -0.79 0.00	30.92 -0.78 0.00	27.93 -0.79 0.00	21.55 -0.73 0.00	31.21 -0.68 0.00
N.AKRON__115KV_KNAPP 355671	40.69 0.18 0.00	38.81 0.01 0.00	33.16 -0.29 0.00	31.21 -0.24 0.00	30.01 -0.07 0.00	39.65 0.60 0.00	49.63 1.54 0.00	43.01 1.55 0.00	42.56 1.60 0.00	39.96 1.58 0.00	45.63 1.81 0.00	58.32 2.03 0.00	61.95 1.19 0.00	100.02 3.42 0.00	86.28 1.35 0.00	109.60 0.66 0.00	86.91 -0.83 0.00	337.91 -6.98 -11.10	45.93 -0.81 -8.46	34.32 -0.33 -2.28	39.60 0.06 -7.83	29.08 0.37 0.00	22.61 0.33 0.00	32.28 0.40 0.00

N.BELMOR_69_KV_BK1 55787	43.66 3.15 0.00	41.71 2.91 0.00	36.04 2.56 -0.03	33.78 2.28 -0.05	35.46 2.12 -3.26	41.22 2.17 0.00	50.75 2.28 -0.38	43.82 2.35 0.00	43.76 2.80 0.00	41.75 3.37 0.00	47.87 3.89 -0.15	61.12 4.83 0.00	140.09 5.47 -73.87	105.72 9.12 0.00	143.23 9.07 -49.23	168.38 11.11 -48.32	195.24 9.42 -98.09	450.97 35.40 -81.79	115.24 3.76 -73.21	166.58 3.03 -131.18	229.77 2.87 -195.20	62.08 2.79 -30.59	46.34 2.14 -21.93	38.43 2.74 -3.80
N.E_GEN_SANDY PD 24062	42.85 1.74 -0.60	39.07 1.50 1.23	36.47 1.28 -1.73	35.24 1.21 -2.58	36.95 1.11 -5.76	51.70 1.16 -11.49	71.88 1.56 -22.23	43.06 1.59 0.00	42.70 1.74 0.00	40.09 1.71 0.00	45.74 1.91 0.00	59.87 2.41 -1.18	89.96 2.82 -26.39	101.01 4.41 0.00	99.11 4.39 -9.78	131.61 5.36 -17.30	122.36 4.70 -29.93	465.48 18.34 -113.36	137.64 2.13 -97.24	100.15 1.82 -65.96	170.42 1.86 -136.86	39.74 1.58 -9.45	30.40 1.12 -6.99	35.17 1.46 -1.83
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	42.55 2.04 0.00	40.54 1.74 0.00	35.07 1.59 -0.03	32.92 1.43 -0.04	26.92 1.25 4.41	40.34 1.28 0.00	50.13 1.70 -0.34	43.46 2.00 0.00	43.37 2.41 0.00	41.03 2.65 0.00	46.92 3.10 0.00	60.27 3.98 0.00	-34.29 4.54 99.58	103.96 7.37 0.00	55.21 7.07 36.80	52.66 8.92 65.20	-37.79 7.39 132.91	439.22 27.48 -77.96	90.18 3.02 -48.89	-79.85 2.56 114.78	-74.10 2.50 108.31	-0.40 2.11 31.22	0.72 1.56 23.11	29.10 1.93 4.72
N.QUEENS_27_KV_LOAD 356247	43.01 2.49 0.00	40.99 2.19 0.00	35.53 2.05 -0.03	33.36 1.87 -0.05	35.05 1.69 -3.28	40.84 1.80 0.00	50.65 2.19 -0.38	43.88 2.42 0.00	43.85 2.88 0.00	41.54 3.16 0.00	47.45 3.63 0.00	61.00 4.72 0.00	140.65 5.43 -74.46	105.19 8.59 0.00	120.75 8.30 -27.52	168.08 10.42 -48.71	195.45 8.83 -98.89	448.52 32.98 -81.76	113.06 3.48 -71.31	167.05 2.89 -131.79	230.63 2.79 -196.14	56.46 2.43 -25.32	42.85 1.82 -18.74	38.09 2.38 -3.83
N.TROY___115KV_TB1 355778	42.46 1.95 0.00	40.52 1.72 0.00	34.87 1.46 0.04	32.76 1.39 0.07	32.15 1.30 -0.77	40.58 1.53 0.00	49.56 2.05 0.58	43.35 1.88 0.00	42.89 1.93 0.00	40.10 1.72 0.00	45.75 1.93 0.00	58.76 2.48 0.00	81.01 2.83 -17.43	101.06 4.46 0.00	95.65 4.27 -6.44	125.49 5.16 -11.39	115.36 4.56 -23.07	584.00 18.13 -232.08	220.20 2.13 -179.79	110.76 1.82 -76.58	230.64 1.78 -197.16	35.88 1.51 -5.66	27.52 1.05 -4.19	34.16 1.42 -0.86
NARROWS_GT1_1 24228	47.03 2.59 -3.92	41.32 2.35 -0.17	35.85 2.20 -0.20	33.51 2.01 -0.05	35.18 1.82 -3.28	41.00 1.95 0.00	50.84 2.37 -0.38	44.10 2.63 0.00	44.09 3.13 0.00	65.17 3.41 -23.38	47.67 3.85 0.00	92.27 4.97 -31.02	158.18 5.68 -91.75	106.12 8.55 -0.97	120.61 8.16 -27.52	167.95 10.30 -48.71	195.33 8.71 -98.89	447.98 32.44 -81.76	113.02 3.44 -71.31	153.01 2.89 -117.76	258.78 2.81 -224.26	88.21 2.42 -57.08	50.43 1.85 -26.29	43.31 2.50 -8.93
NARROWS_GT1_2 24229	47.03 2.59 -3.92	41.32 2.35 -0.17	35.85 2.20 -0.20	33.51 2.01 -0.05	35.18 1.82 -3.28	41.00 1.95 0.00	50.84 2.37 -0.38	44.10 2.63 0.00	44.09 3.13 0.00	65.17 3.41 -23.38	47.67 3.85 0.00	92.27 4.97 -31.02	158.18 5.68 -91.75	106.12 8.55 -0.97	120.61 8.16 -27.52	167.95 10.30 -48.71	195.33 8.71 -98.89	447.98 32.44 -81.76	113.02 3.44 -71.31	153.01 2.89 -117.76	258.78 2.81 -224.26	88.21 2.42 -57.08	50.43 1.85 -26.29	43.31 2.50 -8.93
NARROWS_GT1_3 24230	47.03 2.59 -3.92	41.32 2.35 -0.17	35.85 2.20 -0.20	33.51 2.01 -0.05	35.18 1.82 -3.28	41.00 1.95 0.00	50.84 2.37 -0.38	44.10 2.63 0.00	44.09 3.13 0.00	65.17 3.41 -23.38	47.67 3.85 0.00	92.27 4.97 -31.02	158.18 5.68 -91.75	106.12 8.55 -0.97	120.61 8.16 -27.52	167.95 10.30 -48.71	195.33 8.71 -98.89	447.98 32.44 -81.76	113.02 3.44 -71.31	153.01 2.89 -117.76	258.78 2.81 -224.26	88.21 2.42 -57.08	50.43 1.85 -26.29	43.31 2.50 -8.93
NARROWS_GT1_4 24231	47.03 2.59 -3.92	41.32 2.35 -0.17	35.85 2.20 -0.20	33.51 2.01 -0.05	35.18 1.82 -3.28	41.00 1.95 0.00	50.84 2.37 -0.38	44.10 2.63 0.00	44.09 3.13 0.00	65.17 3.41 -23.38	47.67 3.85 0.00	92.27 4.97 -31.02	158.18 5.68 -91.75	106.12 8.55 -0.97	120.61 8.16 -27.52	167.95 10.30 -48.71	195.33 8.71 -98.89	447.98 32.44 -81.76	113.02 3.44 -71.31	153.01 2.89 -117.76	258.78 2.81 -224.26	88.21 2.42 -57.08	50.43 1.85 -26.29	43.31 2.50 -8.93
NARROWS_GT1_5 24232	47.03 2.59 -3.92	41.32 2.35 -0.17	35.85 2.20 -0.20	33.51 2.01 -0.05	35.18 1.82 -3.28	41.00 1.95 0.00	50.84 2.37 -0.38	44.10 2.63 0.00	44.09 3.13 0.00	65.17 3.41 -23.38	47.67 3.85 0.00	92.27 4.97 -31.02	158.18 5.68 -91.75	106.12 8.55 -0.97	120.61 8.16 -27.52	167.95 10.30 -48.71	195.33 8.71 -98.89	447.98 32.44 -81.76	113.02 3.44 -71.31	153.01 2.89 -117.76	258.78 2.81 -224.26	88.21 2.42 -57.08	50.43 1.85 -26.29	43.31 2.50 -8.93
NARROWS_GT1_6 24233	47.03 2.59 -3.92	41.32 2.35 -0.17	35.85 2.20 -0.20	33.51 2.01 -0.05	35.18 1.82 -3.28	41.00 1.95 0.00	50.84 2.37 -0.38	44.10 2.63 0.00	44.09 3.13 0.00	65.17 3.41 -23.38	47.67 3.85 0.00	92.27 4.97 -31.02	158.18 5.68 -91.75	106.12 8.55 -0.97	120.61 8.16 -27.52	167.95 10.30 -48.71	195.33 8.71 -98.89	447.98 32.44 -81.76	113.02 3.44 -71.31	153.01 2.89 -117.76	258.78 2.81 -224.26	88.21 2.42 -57.08	50.43 1.85 -26.29	43.31 2.50 -8.93
NARROWS_GT1_7 24234	47.03 2.59 -3.92	41.32 2.35 -0.17	35.85 2.20 -0.20	33.51 2.01 -0.05	35.18 1.82 -3.28	41.00 1.95 0.00	50.84 2.37 -0.38	44.10 2.63 0.00	44.09 3.13 0.00	65.17 3.41 -23.38	47.67 3.85 0.00	92.27 4.97 -31.02	158.18 5.68 -91.75	106.12 8.55 -0.97	120.61 8.16 -27.52	167.95 10.30 -48.71	195.33 8.71 -98.89	447.98 32.44 -81.76	113.02 3.44 -71.31	153.01 2.89 -117.76	258.78 2.81 -224.26	88.21 2.42 -57.08	50.43 1.85 -26.29	43.31 2.50 -8.93
NARROWS_GT1_8 24235	47.03 2.59 -3.92	41.32 2.35 -0.17	35.85 2.20 -0.20	33.51 2.01 -0.05	35.18 1.82 -3.28	41.00 1.95 0.00	50.84 2.37 -0.38	44.10 2.63 0.00	44.09 3.13 0.00	65.17 3.41 -23.38	47.67 3.85 0.00	92.27 4.97 -31.02	158.18 5.68 -91.75	106.12 8.55 -0.97	120.61 8.16 -27.52	167.95 10.30 -48.71	195.33 8.71 -98.89	447.98 32.44 -81.76	113.02 3.44 -71.31	153.01 2.89 -117.76	258.78 2.81 -224.26	88.21 2.42 -57.08	50.43 1.85 -26.29	43.31 2.50 -8.93
NARROWS_GT2_1 24236	47.03 2.59 -3.92	41.32 2.35 -0.17	35.85 2.20 -0.20	33.51 2.01 -0.05	35.18 1.82 -3.28	41.00 1.95 0.00	50.84 2.37 -0.38	44.10 2.63 0.00	44.09 3.13 0.00	65.17 3.41 -23.38	47.67 3.85 0.00	92.27 4.97 -31.02	158.18 5.68 -91.75	106.12 8.55 -0.97	120.61 8.16 -27.52	167.95 10.30 -48.71	195.33 8.71 -98.89	447.98 32.44 -81.76	113.02 3.44 -71.31	153.01 2.89 -117.76	258.78 2.81 -224.26	88.21 2.42 -57.08	50.43 1.85 -26.29	43.31 2.50 -8.93
NARROWS_GT2_2 24237	47.03 2.59 -3.92	41.32 2.35 -0.17	35.85 2.20 -0.20	33.51 2.01 -0.05	35.18 1.82 -3.28	41.00 1.95 0.00	50.84 2.37 -0.38	44.10 2.63 0.00	44.09 3.13 0.00	65.17 3.41 -23.38	47.67 3.85 0.00	92.27 4.97 -31.02	158.18 5.68 -91.75	106.12 8.55 -0.97	120.61 8.16 -27.52	167.95 10.30 -48.71	195.33 8.71 -98.89	447.98 32.44 -81.76	113.02 3.44 -71.31	153.01 2.89 -117.76	258.78 2.81 -224.26	88.21 2.42 -57.08	50.43 1.85 -26.29	43.31 2.50 -8.93

NARROWS_GT2_3 24238	47.03 2.59 -3.92	41.32 2.35 -0.17	35.85 2.20 -0.20	33.51 2.01 -0.05	35.18 1.82 -3.28	41.00 1.95 0.00	50.84 2.37 -0.38	44.10 2.63 0.00	44.09 3.13 0.00	65.17 3.41 -23.38	47.67 3.85 0.00	92.27 4.97 -31.02	158.18 5.68 -91.75	106.12 8.55 -0.97	120.61 8.16 -27.52	167.95 10.30 -48.71	195.33 8.71 -98.89	447.98 32.44 -81.76	113.02 3.44 -71.31	153.01 2.89 -117.76	258.78 2.81 -224.26	88.21 2.42 -57.08	50.43 1.85 -26.29	43.31 2.50 -8.93
NARROWS_GT2_4 24239	47.03 2.59 -3.92	41.32 2.35 -0.17	35.85 2.20 -0.20	33.51 2.01 -0.05	35.18 1.82 -3.28	41.00 1.95 0.00	50.84 2.37 -0.38	44.10 2.63 0.00	44.09 3.13 0.00	65.17 3.41 -23.38	47.67 3.85 0.00	92.27 4.97 -31.02	158.18 5.68 -91.75	106.12 8.55 -0.97	120.61 8.16 -27.52	167.95 10.30 -48.71	195.33 8.71 -98.89	447.98 32.44 -81.76	113.02 3.44 -71.31	153.01 2.89 -117.76	258.78 2.81 -224.26	88.21 2.42 -57.08	50.43 1.85 -26.29	43.31 2.50 -8.93
NARROWS_GT2_5 24240	47.03 2.59 -3.92	41.32 2.35 -0.17	35.85 2.20 -0.20	33.51 2.01 -0.05	35.18 1.82 -3.28	41.00 1.95 0.00	50.84 2.37 -0.38	44.10 2.63 0.00	44.09 3.13 0.00	65.17 3.41 -23.38	47.67 3.85 0.00	92.27 4.97 -31.02	158.18 5.68 -91.75	106.12 8.55 -0.97	120.61 8.16 -27.52	167.95 10.30 -48.71	195.33 8.71 -98.89	447.98 32.44 -81.76	113.02 3.44 -71.31	153.01 2.89 -117.76	258.78 2.81 -224.26	88.21 2.42 -57.08	50.43 1.85 -26.29	43.31 2.50 -8.93
NARROWS_GT2_6 24241	47.03 2.59 -3.92	41.32 2.35 -0.17	35.85 2.20 -0.20	33.51 2.01 -0.05	35.18 1.82 -3.28	41.00 1.95 0.00	50.84 2.37 -0.38	44.10 2.63 0.00	44.09 3.13 0.00	65.17 3.41 -23.38	47.67 3.85 0.00	92.27 4.97 -31.02	158.18 5.68 -91.75	106.12 8.55 -0.97	120.61 8.16 -27.52	167.95 10.30 -48.71	195.33 8.71 -98.89	447.98 32.44 -81.76	113.02 3.44 -71.31	153.01 2.89 -117.76	258.78 2.81 -224.26	88.21 2.42 -57.08	50.43 1.85 -26.29	43.31 2.50 -8.93
NARROWS_GT2_7 24242	47.03 2.59 -3.92	41.32 2.35 -0.17	35.85 2.20 -0.20	33.51 2.01 -0.05	35.18 1.82 -3.28	41.00 1.95 0.00	50.84 2.37 -0.38	44.10 2.63 0.00	44.09 3.13 0.00	65.17 3.41 -23.38	47.67 3.85 0.00	92.27 4.97 -31.02	158.18 5.68 -91.75	106.12 8.55 -0.97	120.61 8.16 -27.52	167.95 10.30 -48.71	195.33 8.71 -98.89	447.98 32.44 -81.76	113.02 3.44 -71.31	153.01 2.89 -117.76	258.78 2.81 -224.26	88.21 2.42 -57.08	50.43 1.85 -26.29	43.31 2.50 -8.93
NARROWS_GT2_8 24243	47.03 2.59 -3.92	41.32 2.35 -0.17	35.85 2.20 -0.20	33.51 2.01 -0.05	35.18 1.82 -3.28	41.00 1.95 0.00	50.84 2.37 -0.38	44.10 2.63 0.00	44.09 3.13 0.00	65.17 3.41 -23.38	47.67 3.85 0.00	92.27 4.97 -31.02	158.18 5.68 -91.75	106.12 8.55 -0.97	120.61 8.16 -27.52	167.95 10.30 -48.71	195.33 8.71 -98.89	447.98 32.44 -81.76	113.02 3.44 -71.31	153.01 2.89 -117.76	258.78 2.81 -224.26	88.21 2.42 -57.08	50.43 1.85 -26.29	43.31 2.50 -8.93
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	42.73 2.22 0.00	40.72 1.92 0.00	35.03 1.60 0.01	32.92 1.49 0.02	32.06 1.41 -0.57	40.79 1.74 0.00	50.40 2.51 0.20	43.77 2.30 0.00	43.11 2.15 0.00	39.95 1.57 0.00	45.22 1.40 0.00	58.02 1.74 0.00	76.04 2.18 -13.11	100.16 3.56 0.00	93.73 3.95 -4.84	122.54 5.05 -8.55	109.65 4.81 -17.11	497.93 21.22 -142.93	150.75 2.45 -110.03	73.64 2.10 -39.17	138.75 1.97 -105.08	30.16 1.46 0.00	23.28 0.99 0.00	33.27 1.38 0.00
NCHELSEA_115KV_TR2 355582	42.90 2.38 0.00	40.87 2.07 0.00	35.30 1.83 -0.02	33.14 1.65 -0.03	31.57 1.49 0.00	40.70 1.65 0.00	50.52 2.15 -0.28	43.79 2.33 0.00	43.67 2.71 0.00	41.24 2.86 0.00	47.17 3.34 0.00	60.57 4.29 0.00	65.59 4.83 0.00	104.48 7.88 0.00	92.53 7.59 0.00	118.65 9.71 0.00	95.84 8.11 0.00	446.37 29.94 -82.64	105.69 3.37 -64.04	66.94 2.85 -31.72	96.89 2.71 -62.47	31.01 2.30 0.00	23.97 1.68 0.00	34.00 2.11 0.00
NEG CAPITAL___MECHNVIL 23645	43.25 2.73 0.00	41.20 2.41 0.00	35.42 2.01 0.04	33.27 1.89 0.06	32.62 1.80 -0.74	41.28 2.23 0.00	50.55 2.97 0.51	44.20 2.73 0.00	43.75 2.79 0.00	40.94 2.56 0.00	46.77 2.94 0.00	60.18 3.89 0.00	81.98 4.37 -16.85	103.67 7.08 0.00	97.72 6.55 -6.23	128.09 8.14 -11.02	117.03 6.98 -22.32	613.51 27.31 -252.42	236.63 3.11 -195.25	114.69 2.59 -79.74	244.71 2.49 -210.52	36.31 2.12 -5.48	27.83 1.49 -4.06	34.75 2.03 -0.83
NEG CENTRAL_HIGH_ACRES 23767	40.30 -0.22 0.00	38.44 -0.36 0.00	32.98 -0.47 0.00	30.99 -0.46 0.00	29.73 -0.35 0.00	38.99 -0.06 0.00	48.57 0.48 0.00	42.06 0.60 0.00	41.63 0.67 0.00	39.09 0.70 0.00	44.71 0.88 0.00	57.22 0.93 0.00	61.26 0.51 0.00	98.27 1.67 0.00	85.93 0.99 0.00	109.77 0.83 0.00	88.02 0.29 0.00	341.93 -0.57 -8.72	44.87 -0.07 -6.66	34.14 -0.02 -1.79	37.91 0.03 -6.17	28.84 0.13 0.00	22.38 0.10 0.00	31.81 -0.07 0.00
NEG CENTRAL___DRP 24199	40.98 0.46 0.00	39.09 0.28 0.00	33.74 0.29 0.00	31.74 0.30 0.00	30.45 0.37 0.00	39.76 0.71 0.00	49.37 1.28 0.00	42.78 1.31 0.00	42.34 1.38 0.00	39.79 1.41 0.00	45.36 1.54 0.00	58.11 1.83 0.00	62.35 1.59 0.00	99.72 3.12 0.00	87.69 2.75 0.00	111.82 2.88 0.00	90.09 2.36 0.00	351.69 8.19 -9.71	46.57 0.87 -7.43	35.15 0.78 -2.00	39.29 0.71 -6.88	29.42 0.71 0.00	22.81 0.53 0.00	32.38 0.49 0.00
NEG CENTRAL___INDECK 23768	40.89 0.37 0.00	38.89 0.08 0.00	33.42 -0.03 0.00	31.57 0.12 0.00	30.34 0.26 0.00	39.93 0.88 0.00	49.73 1.65 0.00	43.29 1.82 0.00	42.83 1.87 0.00	40.35 1.96 0.00	45.64 1.81 0.00	57.61 1.33 0.00	60.19 -0.56 0.00	96.33 -0.27 0.00	83.43 -1.51 0.00	106.07 -2.87 0.00	84.05 -3.68 0.00	333.99 -13.19 -13.39	47.51 -0.99 -10.23	34.81 -0.31 -2.76	41.04 -0.13 -9.47	29.64 0.93 0.00	23.03 0.75 0.00	32.69 0.80 0.00
NEG CENTRAL___SENECA 23627	41.01 0.50 0.00	39.11 0.31 0.00	33.83 0.38 0.00	31.85 0.40 0.00	30.54 0.46 0.00	39.89 0.84 0.00	49.67 1.59 0.00	43.07 1.60 0.00	42.62 1.65 0.00	40.08 1.70 0.00	45.67 1.84 0.00	58.44 2.16 0.00	62.66 1.90 0.00	100.40 3.80 0.00	88.18 3.24 0.00	112.50 3.56 0.00	90.43 2.71 0.00	354.40 9.66 -10.95	47.67 1.02 -8.37	35.60 0.97 -2.26	40.34 0.88 -7.75	29.59 0.88 0.00	22.93 0.65 0.00	32.51 0.63 0.00
NEG CENTRAL___STATE_STREET 24147	41.59 1.07 0.00	39.63 0.83 0.00	34.19 0.74 0.00	32.10 0.65 0.00	30.83 0.75 0.00	40.30 1.25 0.00	49.78 1.69 0.00	43.02 1.55 0.00	42.66 1.70 0.00	40.08 1.69 0.00	45.76 1.94 0.00	58.70 2.42 0.00	63.02 2.26 0.00	100.66 4.06 0.00	88.66 3.72 0.00	112.89 3.95 0.00	91.31 3.59 0.00	356.72 13.38 -9.55	47.06 1.49 -7.30	35.40 1.06 -1.97	39.45 0.98 -6.77	29.63 0.92 0.00	22.98 0.69 0.00	32.67 0.79 0.00
NEG MILLWOOD___DRP 24198	43.16 2.64 0.00	41.13 2.33 0.00	35.52 2.05 -0.02	33.35 1.86 -0.04	32.98 1.69 -1.21	40.96 1.91 0.00	50.86 2.45 -0.33	44.05 2.58 0.00	43.94 2.98 0.00	41.55 3.17 0.00	47.55 3.73 0.00	61.09 4.81 0.00	93.94 5.49 -27.69	105.64 9.04 0.00	103.83 8.66 -10.23	138.10 11.06 -18.10	133.48 9.18 -36.58	451.30 34.17 -83.35	109.84 3.78 -67.78	108.21 3.17 -72.68	154.43 3.05 -119.67	42.07 2.57 -10.78	32.14 1.88 -7.98	35.90 2.38 -1.63

NEG NORTH_FLCN_SEA 23793	39.50 -1.02 0.00	38.15 -0.65 0.00	32.87 -0.58 0.00	31.02 -0.43 0.00	29.78 -0.30 0.00	38.54 -0.51 0.00	47.13 -0.95 0.00	40.47 -1.00 0.00	39.91 -1.06 0.00	37.13 -1.25 0.00	42.22 -1.61 0.00	54.31 -1.97 0.00	59.01 -1.75 0.00	94.12 -2.49 0.00	81.94 -3.00 0.00	106.20 -2.73 0.00	85.56 -2.17 0.00	326.56 -7.22 0.00	37.45 -0.83 0.00	31.63 -0.74 0.00	30.97 -0.73 0.00	27.91 -0.80 0.00	21.40 -0.88 0.00	31.19 -0.70 0.00
NEG NORTH_KES_CHATEGAY 23792	39.40 -1.11 0.00	37.98 -0.82 0.00	32.72 -0.73 0.00	30.90 -0.55 0.00	29.60 -0.48 0.00	38.35 -0.71 0.00	46.95 -1.14 0.00	40.36 -1.11 0.00	39.76 -1.20 0.00	37.02 -1.36 0.00	42.14 -1.68 0.00	54.23 -2.05 0.00	58.86 -1.90 0.00	93.63 -2.96 0.00	81.68 -3.25 0.00	105.91 -3.03 0.00	85.29 -2.44 0.00	325.56 -8.22 0.00	37.35 -0.92 0.00	31.55 -0.82 0.00	30.93 -0.78 0.00	27.90 -0.81 0.00	21.42 -0.86 0.00	31.11 -0.78 0.00
NEG NORTH___ALICE_FALLS 23915	39.82 -0.70 0.00	38.40 -0.39 0.00	33.08 -0.38 0.00	31.22 -0.23 0.00	29.95 -0.13 0.00	38.79 -0.26 0.00	47.53 -0.56 0.00	40.85 -0.62 0.00	40.29 -0.67 0.00	37.51 -0.87 0.00	42.65 -1.17 0.00	54.86 -1.43 0.00	59.60 -1.15 0.00	95.04 -1.56 0.00	82.68 -2.26 0.00	107.26 -1.68 0.00	86.42 -1.31 0.00	329.90 -3.88 0.00	37.83 -0.45 0.00	31.95 -0.42 0.00	31.30 -0.41 0.00	28.19 -0.52 0.00	21.60 -0.68 0.00	31.40 -0.49 0.00
NEG NORTH___LWR_SARANAC 23913	39.82 -0.70 0.00	38.40 -0.39 0.00	33.08 -0.38 0.00	31.22 -0.23 0.00	29.95 -0.13 0.00	38.79 -0.26 0.00	47.53 -0.56 0.00	40.85 -0.62 0.00	40.29 -0.67 0.00	37.51 -0.87 0.00	42.65 -1.17 0.00	54.86 -1.43 0.00	59.60 -1.15 0.00	95.04 -1.56 0.00	82.68 -2.26 0.00	107.26 -1.68 0.00	86.42 -1.31 0.00	329.90 -3.88 0.00	37.83 -0.45 0.00	31.95 -0.42 0.00	31.30 -0.41 0.00	28.19 -0.52 0.00	21.60 -0.68 0.00	31.40 -0.49 0.00
NEG NORTH___PLATTSBURG 23628	39.82 -0.70 0.00	38.40 -0.39 0.00	33.08 -0.38 0.00	31.22 -0.23 0.00	29.95 -0.13 0.00	38.79 -0.26 0.00	47.53 -0.56 0.00	40.85 -0.62 0.00	40.29 -0.67 0.00	37.51 -0.87 0.00	42.66 -1.17 0.00	54.86 -1.42 0.00	59.60 -1.15 0.00	95.04 -1.56 0.00	82.69 -2.25 0.00	107.25 -1.69 0.00	86.41 -1.32 0.00	329.91 -3.88 0.00	37.83 -0.44 0.00	31.95 -0.42 0.00	31.30 -0.41 0.00	28.19 -0.52 0.00	21.60 -0.68 0.00	31.40 -0.49 0.00
NEG WEST_LEA_LOCKPORT 23791	39.48 -1.03 0.00	37.68 -1.12 0.00	32.21 -1.25 0.00	30.33 -1.12 0.00	29.18 -0.90 0.00	38.55 -0.50 0.00	48.24 0.15 0.00	41.73 0.26 0.00	41.25 0.30 0.00	38.82 0.43 0.00	44.41 0.58 0.00	56.61 0.32 0.00	59.99 -0.77 0.00	96.90 0.30 0.00	83.94 -0.99 0.00	106.67 -2.27 0.00	84.65 -3.08 0.00	329.95 -15.33 -11.50	45.37 -1.66 -8.75	33.64 -1.09 -2.36	39.03 -0.78 -8.10	28.35 -0.36 0.00	22.08 -0.20 0.00	31.58 -0.30 0.00
NEG WEST___LANCASTR 23811	39.83 -0.69 0.00	38.03 -0.76 0.00	32.60 -0.85 0.00	30.74 -0.71 0.00	29.57 -0.51 0.00	39.02 -0.04 0.00	48.72 0.64 0.00	42.15 0.69 0.00	41.75 0.78 0.00	39.35 0.96 0.00	44.92 1.10 0.00	57.33 1.05 0.00	61.02 0.26 0.00	98.48 1.88 0.00	85.75 0.81 0.00	108.93 -0.01 0.00	86.60 -1.13 0.00	339.80 -7.74 -13.76	47.92 -0.85 -10.50	34.73 -0.47 -2.83	41.13 -0.29 -9.71	28.67 -0.04 0.00	22.33 0.05 0.00	31.94 0.06 0.00
NEG_PENN_ALLEGHNY 23528	41.11 0.59 0.00	39.26 0.46 0.00	33.84 0.39 0.00	31.89 0.44 0.00	30.55 0.47 0.00	39.85 0.80 0.00	49.35 1.26 0.00	42.67 1.21 0.00	42.26 1.30 0.00	39.70 1.32 0.00	45.21 1.39 0.00	58.06 1.78 0.00	62.46 1.70 0.00	99.77 3.17 0.00	87.79 2.85 0.00	112.12 3.18 0.00	90.24 2.50 0.00	369.80 8.84 -27.17	59.94 0.90 -20.77	38.79 0.83 -5.59	51.69 0.76 -19.22	29.42 0.71 0.00	22.82 0.54 0.00	32.50 0.62 0.00
NEG___GEN_MONROE 24207	41.07 0.55 0.00	39.18 0.38 0.00	33.55 0.10 0.00	31.57 0.12 0.00	30.33 0.25 0.00	39.80 0.75 0.00	49.65 1.56 0.00	43.16 1.69 0.00	42.65 1.69 0.00	40.12 1.74 0.00	45.66 1.83 0.00	58.43 2.15 0.00	62.47 1.72 0.00	100.55 3.95 0.00	87.36 2.42 0.00	111.38 2.44 0.00	88.90 1.17 0.00	345.17 2.29 -9.09	45.58 0.36 -6.95	34.76 0.51 -1.87	38.82 0.68 -6.43	29.52 0.81 0.00	22.91 0.63 0.00	32.66 0.78 0.00
NEPA___ENERGY 23901	40.10 -0.42 0.00	38.28 -0.52 0.00	32.91 -0.54 0.00	31.12 -0.32 0.00	29.92 -0.16 0.00	39.47 0.42 0.00	49.24 1.16 0.00	42.51 1.05 0.00	42.17 1.21 0.00	39.78 1.40 0.00	45.18 1.36 0.00	57.90 1.62 0.00	61.68 0.93 0.00	99.41 2.81 0.00	86.83 1.90 0.00	110.12 1.18 0.00	87.73 0.00 0.00	345.95 -1.75 -13.91	48.55 -0.34 -10.62	35.12 -0.11 -2.86	41.47 -0.06 -9.83	28.95 0.24 0.00	22.55 0.27 0.00	32.18 0.29 0.00
NEVERSINK___HYD 23608	42.28 1.77 0.00	40.29 1.49 0.00	34.79 1.33 -0.01	32.64 1.17 -0.02	30.64 1.04 0.49	40.16 1.11 0.00	49.77 1.50 -0.18	43.23 1.76 0.00	43.29 2.33 0.00	40.78 2.40 0.00	46.62 2.80 0.00	59.55 3.27 0.00	63.11 2.36 0.00	100.70 4.10 0.00	89.13 4.20 0.00	113.30 5.49 1.13	77.65 4.54 14.62	424.78 16.31 -74.69	96.37 1.75 -56.34	41.45 1.48 -7.61	83.68 1.26 -50.73	29.74 1.03 0.00	22.97 0.69 0.00	32.68 0.80 0.00
NEWKRMKL_115KV_TB1 55635	41.69 1.18 0.00	39.78 0.98 0.00	34.27 0.85 0.03	32.19 0.79 0.05	31.55 0.72 -0.75	39.83 0.78 0.00	48.79 1.11 0.41	42.57 1.10 0.00	42.16 1.20 0.00	39.43 1.05 0.00	44.94 1.12 0.00	57.70 1.42 0.00	79.55 1.72 -17.07	99.31 2.72 0.00	94.09 2.85 -6.31	123.56 3.46 -11.16	113.52 3.20 -22.59	538.45 12.69 -191.97	188.77 1.42 -149.07	100.98 1.25 -67.36	200.59 1.16 -167.73	35.10 0.89 -5.50	26.94 0.58 -4.07	33.47 0.75 -0.83
NEWTON___FALLS_HYD 23847	39.12 -1.39 0.00	37.58 -1.22 0.00	32.46 -0.99 0.00	30.70 -0.75 0.00	29.38 -0.70 0.00	38.38 -0.67 0.00	46.84 -1.25 0.00	40.67 -0.80 0.00	40.10 -0.86 0.00	37.26 -1.12 0.00	42.52 -1.30 0.00	54.84 -1.45 0.00	59.23 -1.53 0.00	93.24 -3.36 0.00	81.90 -3.03 0.00	104.17 -4.76 0.00	83.55 -4.18 0.00	321.56 -12.22 0.00	37.28 -1.00 0.00	31.59 -0.77 0.00	30.61 -1.10 0.00	28.00 -0.71 0.00	21.97 -0.31 0.00	31.50 -0.39 0.00
NGRID_A1_DSASP 323792	39.11 -1.40 0.00	37.35 -1.45 0.00	31.92 -1.53 0.00	30.07 -1.38 0.00	28.94 -1.14 0.00	38.22 -0.83 0.00	47.80 -0.29 0.00	41.31 -0.16 0.00	40.81 -0.15 0.00	38.40 0.02 0.00	44.02 0.20 0.00	56.06 -0.22 0.00	59.05 -1.71 0.00	95.28 -1.32 0.00	82.55 -2.38 0.01	104.81 -4.13 0.00	83.17 -4.55 0.01	324.22 -21.05 -11.49	44.91 -2.30 -8.93	33.19 -1.59 -2.41	38.66 -1.32 -8.27	27.93 -0.78 0.00	21.82 -0.46 0.00	31.29 -0.59 0.00
NGRID_A2_DSASP 323793	39.11 -1.40 0.00	37.35 -1.45 0.00	31.92 -1.53 0.00	30.07 -1.38 0.00	28.94 -1.14 0.00	38.22 -0.83 0.00	47.80 -0.29 0.00	41.31 -0.16 0.00	40.81 -0.15 0.00	38.40 0.02 0.00	44.02 0.20 0.00	56.06 -0.22 0.00	59.05 -1.71 0.00	95.28 -1.32 0.00	82.55 -2.38 0.01	104.81 -4.13 0.00	83.17 -4.55 0.01	324.22 -21.05 -11.49	44.91 -2.30 -8.93	33.19 -1.59 -2.41	38.66 -1.32 -8.27	27.93 -0.78 0.00	21.82 -0.46 0.00	31.29 -0.59 0.00

NGRID_A4_DSASP 323807	39.12 -1.40 0.00	37.35 -1.45 0.00	31.92 -1.53 0.00	30.07 -1.38 0.00	28.94 -1.14 0.00	38.22 -0.83 0.00	47.80 -0.28 0.00	41.31 -0.16 0.00	40.81 -0.15 0.00	38.40 0.02 0.00	44.02 0.20 0.00	56.06 -0.23 0.00	59.03 -1.73 0.00	95.28 -1.32 0.00	82.55 -2.38 0.01	104.79 -4.15 0.00	83.13 -4.59 0.01	324.24 -21.04 -11.49	44.90 -2.31 -8.93	33.17 -1.61 -2.41	38.62 -1.35 -8.27	27.90 -0.81 0.00	21.77 -0.51 0.00	31.29 -0.60 0.00
NIAGARA_115E_LBMP 323715	39.16 -1.36 0.00	37.37 -1.42 0.00	31.94 -1.51 0.00	30.08 -1.37 0.00	28.95 -1.13 0.00	38.26 -0.80 0.00	47.84 -0.25 0.00	41.35 -0.12 0.00	40.87 -0.09 0.00	38.46 0.08 0.00	44.06 0.23 0.00	56.12 -0.16 0.00	59.40 -1.35 0.00	95.98 -0.62 0.00	83.15 -1.79 0.00	105.64 -3.30 0.00	83.84 -3.89 0.00	326.92 -18.61 -11.75	45.24 -2.00 -8.96	33.42 -1.36 -2.42	38.93 -1.07 -8.30	28.12 -0.59 0.00	21.93 -0.35 0.00	31.32 -0.57 0.00
NIAGARA_115W_LBMP 323714	39.04 -1.48 0.00	37.27 -1.53 0.00	31.85 -1.60 0.00	30.01 -1.44 0.00	28.88 -1.21 0.00	38.14 -0.91 0.00	47.70 -0.39 0.00	41.22 -0.25 0.00	40.72 -0.24 0.00	38.32 -0.06 0.00	43.93 0.11 0.00	55.94 -0.34 0.00	58.89 -1.87 0.00	94.99 -1.61 0.00	82.30 -2.64 0.00	104.48 -4.45 0.00	82.94 -4.78 0.01	323.27 -22.00 -11.49	44.80 -2.40 -8.92	33.11 -1.67 -2.40	38.55 -1.41 -8.25	27.86 -0.85 0.00	21.76 -0.52 0.00	31.23 -0.66 0.00
NIAGARA_230_LBMP 323716	39.28 -1.23 0.00	37.53 -1.27 0.00	32.08 -1.37 0.00	30.21 -1.24 0.00	29.08 -1.01 0.00	38.37 -0.68 0.00	47.98 -0.11 0.00	41.48 0.01 0.00	40.99 0.03 0.00	38.56 0.18 0.00	44.17 0.35 0.00	56.25 -0.03 0.00	59.62 -1.13 0.00	96.30 -0.30 0.00	83.52 -1.41 0.00	106.10 -2.84 0.00	84.21 -3.52 0.00	328.39 -16.86 -11.46	45.27 -1.78 -8.78	33.50 -1.24 -2.37	38.85 -0.98 -8.13	28.16 -0.55 0.00	21.98 -0.30 0.00	31.44 -0.45 0.00
NIAGARA__115KV_198_GIBSON 55903	39.04 -1.48 0.00	37.28 -1.52 0.00	31.85 -1.60 0.00	30.01 -1.44 0.00	28.88 -1.21 0.00	38.14 -0.91 0.00	47.70 -0.39 0.00	41.22 -0.24 0.00	40.72 -0.24 0.00	38.32 -0.06 0.00	43.91 0.09 0.00	55.94 -0.34 0.00	58.86 -1.90 0.00	95.01 -1.59 0.00	82.30 -2.64 0.00	104.46 -4.47 0.00	82.88 -4.84 0.01	323.24 -22.04 -11.49	44.78 -2.42 -8.92	33.08 -1.69 -2.40	38.52 -1.44 -8.25	27.83 -0.88 0.00	21.72 -0.56 0.00	31.23 -0.66 0.00
NIAGARA____ 23760	39.28 -1.23 0.00	37.53 -1.27 0.00	32.08 -1.37 0.00	30.21 -1.24 0.00	29.08 -1.01 0.00	38.37 -0.68 0.00	47.98 -0.11 0.00	41.48 0.01 0.00	40.99 0.03 0.00	38.56 0.18 0.00	44.17 0.35 0.00	56.25 -0.03 0.00	59.62 -1.13 0.00	96.30 -0.30 0.00	83.52 -1.41 0.00	106.10 -2.84 0.00	84.21 -3.52 0.00	328.45 -16.86 -11.52	45.35 -1.78 -8.86	33.52 -1.24 -2.39	38.93 -0.98 -8.21	28.16 -0.55 0.00	21.98 -0.30 0.00	31.44 -0.45 0.00
NINE_MILE_1 23575	39.77 -0.74 0.00	38.02 -0.78 0.00	32.77 -0.68 0.00	30.81 -0.64 0.00	29.50 -0.59 0.00	38.40 -0.65 0.00	47.46 -0.62 0.00	41.01 -0.45 0.00	40.55 -0.41 0.00	38.04 -0.35 0.00	43.43 -0.39 0.00	55.74 -0.55 0.00	60.02 -0.74 0.00	95.67 -0.93 0.00	83.95 -0.99 0.00	107.41 -1.53 0.00	86.42 -1.30 0.00	328.20 -5.59 0.00	37.62 -0.65 0.00	31.85 -0.52 0.00	31.19 -0.51 0.00	28.32 -0.39 0.00	21.98 -0.30 0.00	31.25 -0.64 0.00
NINE_MILE_2 23744	39.78 -0.73 0.00	38.02 -0.78 0.00	32.77 -0.68 0.00	30.81 -0.64 0.00	29.50 -0.58 0.00	38.40 -0.65 0.00	47.47 -0.62 0.00	41.01 -0.45 0.00	40.56 -0.41 0.00	38.04 -0.34 0.00	43.43 -0.39 0.00	55.74 -0.55 0.00	60.03 -0.73 0.00	95.68 -0.92 0.00	83.95 -0.99 0.00	107.41 -1.53 0.00	86.45 -1.28 0.00	328.20 -5.59 0.00	37.62 -0.65 0.00	31.86 -0.51 0.00	31.20 -0.51 0.00	28.32 -0.39 0.00	21.98 -0.30 0.00	31.25 -0.64 0.00
NM_CAPITAL____DRP 24208	41.77 1.25 0.00	39.86 1.06 0.00	34.34 0.92 0.03	32.26 0.86 0.06	31.64 0.80 -0.76	39.90 0.85 0.00	48.85 1.21 0.45	42.64 1.17 0.00	42.22 1.26 0.00	39.49 1.11 0.00	45.02 1.19 0.00	57.78 1.50 0.00	79.90 1.80 -17.34	99.40 2.80 0.00	94.26 2.91 -6.41	123.79 3.52 -11.34	113.93 3.25 -22.95	536.68 12.85 -190.05	187.38 1.46 -147.64	101.09 1.29 -67.43	199.74 1.20 -166.84	35.23 0.95 -5.57	27.03 0.63 -4.12	33.55 0.82 -0.84
NM_CENTRAL____DRP 24181	40.56 0.05 0.00	38.74 -0.06 0.00	33.37 -0.09 0.00	31.37 -0.08 0.00	30.03 -0.05 0.00	39.15 0.10 0.00	48.49 0.41 0.00	41.92 0.45 0.00	41.50 0.54 0.00	38.96 0.58 0.00	44.50 0.67 0.00	57.12 0.83 0.00	61.49 0.74 0.00	98.09 1.49 0.00	86.17 1.23 0.00	110.18 1.24 0.00	88.68 0.95 0.00	336.58 2.79 0.00	38.55 0.28 0.00	32.62 0.25 0.00	31.92 0.21 0.00	28.96 0.24 0.00	22.46 0.18 0.00	31.92 0.03 0.00
NM_FRONTIER____DRP 24179	39.04 -1.48 0.00	37.28 -1.52 0.00	31.85 -1.60 0.00	30.01 -1.44 0.00	28.88 -1.21 0.00	38.14 -0.91 0.00	47.70 -0.39 0.00	41.22 -0.24 0.00	40.72 -0.24 0.00	38.32 -0.06 0.00	43.91 0.09 0.00	55.94 -0.34 0.00	58.86 -1.90 0.00	95.01 -1.59 0.00	82.30 -2.64 0.00	104.46 -4.47 0.00	82.88 -4.84 0.01	323.24 -22.04 -11.49	44.78 -2.42 -8.92	33.08 -1.69 -2.40	38.52 -1.44 -8.25	27.83 -0.88 0.00	21.72 -0.56 0.00	31.23 -0.66 0.00
NM_ST_REGIS____HYD 24053	38.74 -1.78 0.00	37.44 -1.36 0.00	32.11 -1.34 0.00	30.34 -1.11 0.00	29.03 -1.05 0.00	37.73 -1.32 0.00	45.86 -2.23 0.00	39.74 -1.72 0.00	39.02 -1.94 0.00	36.03 -2.35 0.00	41.13 -2.70 0.00	53.01 -3.27 0.00	57.42 -3.34 0.00	90.71 -5.88 0.00	79.40 -5.54 0.00	102.24 -6.70 0.00	82.18 -5.55 0.00	314.62 -19.16 0.00	36.31 -1.97 0.00	30.69 -1.68 0.00	29.99 -1.72 0.00	27.18 -1.54 0.00	21.27 -1.01 0.00	30.74 -1.15 0.00
NORTHPORT____1 23551	43.25 2.73 0.00	41.58 2.78 0.00	35.98 2.50 -0.03	33.71 2.21 -0.05	35.48 2.14 -3.26	41.01 1.96 0.00	50.15 1.69 -0.38	43.20 1.74 0.00	43.08 2.13 0.02	41.26 2.87 0.00	47.86 3.45 -0.59	52.06 3.86 8.09	139.97 4.33 -74.88	113.64 7.37 -9.67	157.12 7.61 -64.57	176.30 8.84 -58.52	202.62 7.63 -107.26	436.16 28.61 -73.77	111.51 2.98 -70.25	119.36 2.38 -84.61	233.03 2.15 -199.17	58.88 2.25 -27.91	42.79 1.81 -18.70	37.61 2.24 -3.49
NORTHPORT____2 23552	43.25 2.73 0.00	41.58 2.78 0.00	35.98 2.50 -0.03	33.71 2.21 -0.05	35.48 2.14 -3.26	41.01 1.96 0.00	50.15 1.69 -0.38	43.20 1.74 0.00	42.55 2.13 0.55	41.25 2.87 0.00	45.20 3.45 2.08	46.10 3.86 14.05	84.20 4.33 -19.11	41.31 7.37 62.65	41.84 7.61 50.71	46.73 8.84 71.04	111.34 7.63 -15.98	404.99 28.61 -42.60	52.66 2.98 -11.41	48.96 2.38 -14.21	149.69 2.15 -115.84	41.54 2.25 -10.57	42.61 1.81 -18.53	37.61 2.24 -3.49
NORTHPORT____3 23553	43.18 2.66 0.00	41.55 2.75 0.00	35.96 2.48 -0.03	33.69 2.19 -0.05	35.38 2.04 -3.26	40.95 1.90 0.00	50.00 1.54 -0.38	43.08 1.61 0.00	42.33 1.92 0.54	41.09 2.71 0.00	44.90 3.16 2.08	45.97 3.75 14.06	84.20 4.36 -19.09	41.30 7.35 62.65	41.80 7.56 50.70	46.95 9.06 71.05	111.47 7.76 -15.98	405.48 29.09 -42.60	52.72 3.04 -11.40	48.96 2.37 -14.21	149.72 2.18 -115.84	41.48 2.20 -10.57	42.34 1.81 -18.25	37.64 2.15 -3.61

NORTHPORT___4 23650	43.18 2.66 0.00	41.55 2.75 0.00	35.96 2.48 -0.03	33.69 2.19 -0.05	35.38 2.04 -3.26	40.95 1.90 0.00	50.00 1.54 -0.38	43.08 1.61 0.00	42.33 1.92 0.54	41.09 2.71 0.00	44.90 3.16 2.08	45.97 3.75 14.06	84.20 4.36 -19.09	41.30 7.35 62.65	41.80 7.56 50.70	46.95 9.06 71.05	111.47 7.76 -15.98	405.48 29.09 -42.60	52.72 3.04 -11.40	48.96 2.37 -14.21	149.72 2.18 -115.84	41.48 2.20 -10.57	42.34 1.81 -18.25	37.64 2.15 -3.61
NORTHPORT___IC 23718	43.25 2.73 0.00	41.58 2.78 0.00	35.98 2.50 -0.03	33.71 2.21 -0.05	35.48 2.14 -3.26	41.01 1.96 0.00	50.15 1.69 -0.38	43.20 1.74 0.00	42.55 2.13 0.55	41.25 2.87 0.00	45.20 3.45 2.08	46.10 3.86 14.05	84.20 4.33 -19.11	41.31 7.37 62.65	41.84 7.61 50.71	46.73 8.84 71.04	111.34 7.63 -15.98	404.99 28.61 -42.60	52.66 2.98 -11.41	48.96 2.38 -14.21	149.69 2.15 -115.84	41.54 2.25 -10.57	42.61 1.81 -18.53	37.61 2.24 -3.49
NORTH___COUNTRY_ESR 323785	39.26 -1.25 0.00	37.85 -0.95 0.00	32.61 -0.84 0.00	30.80 -0.65 0.00	29.51 -0.57 0.00	38.22 -0.83 0.00	46.79 -1.29 0.00	40.20 -1.26 0.00	39.62 -1.34 0.00	36.90 -1.47 0.00	42.02 -1.81 0.00	54.06 -2.23 0.00	58.66 -2.09 0.00	93.35 -3.25 0.00	81.36 -3.57 0.00	105.46 -3.47 0.00	84.99 -2.74 0.00	324.31 -9.48 0.00	37.21 -1.06 0.00	31.42 -0.95 0.00	30.79 -0.91 0.00	27.78 -0.93 0.00	21.33 -0.95 0.00	30.98 -0.90 0.00
NPX_GEN_1385_PROXY 323591	42.92 2.40 0.00	40.73 1.93 0.00	35.19 1.71 -0.03	33.23 1.73 -0.05	35.67 2.33 -3.26	40.77 1.72 0.00	49.86 1.40 -0.38	42.93 1.47 0.00	42.79 1.93 0.11	41.54 3.16 0.00	47.49 3.57 -0.10	52.05 4.94 9.18	131.19 5.73 -64.70	102.64 9.56 3.53	137.57 9.10 -43.54	154.59 10.77 -34.89	187.45 9.12 -90.61	435.92 34.05 -68.08	101.18 3.39 -59.52	106.78 2.65 -71.76	219.64 2.65 -185.29	55.94 2.48 -24.75	42.88 1.93 -18.67	37.36 1.87 -3.61
NPX_GEN_CSC 323557	44.62 4.10 0.00	42.80 4.00 0.00	37.03 3.56 -0.03	34.58 3.09 -0.05	36.30 2.96 -3.26	42.13 3.08 0.00	51.69 3.22 -0.38	44.60 3.14 0.00	44.52 3.55 0.00	42.63 4.25 0.00	56.57 5.05 -7.69	158.36 6.02 -96.05	344.58 6.48 -277.35	337.40 10.62 -230.17	344.45 10.32 -249.20	299.73 11.72 -179.07	325.71 10.14 -227.85	583.78 38.22 -211.78	314.72 4.01 -272.44	334.44 3.41 -298.67	318.17 3.35 -283.12	87.84 3.38 -55.75	56.62 2.68 -31.66	43.30 3.48 -7.94
NSINS_S_GLNS_FALLS 23858	43.66 3.14 0.00	41.50 2.70 0.00	35.58 2.16 0.03	33.43 2.03 0.06	32.76 1.96 -0.72	41.54 2.49 0.00	50.89 3.26 0.45	44.62 3.15 0.00	44.11 3.14 0.00	41.22 2.84 0.00	47.11 3.29 0.00	60.71 4.42 0.00	82.03 4.78 -16.49	104.46 7.86 0.00	98.28 7.24 -6.09	128.52 8.80 -10.78	117.12 7.55 -21.84	625.22 29.77 -261.67	243.94 3.40 -202.27	116.12 2.78 -80.97	250.84 2.75 -216.38	36.47 2.39 -5.37	27.89 1.64 -3.97	34.98 2.28 -0.81
NUCOR_STEEL___DRP 24197	41.32 0.81 0.00	39.37 0.57 0.00	33.95 0.49 0.00	31.86 0.40 0.00	30.60 0.52 0.00	39.99 0.94 0.00	49.35 1.27 0.00	42.64 1.17 0.00	42.32 1.36 0.00	39.76 1.38 0.00	45.42 1.60 0.00	58.27 1.99 0.00	62.55 1.79 0.00	99.86 3.26 0.00	87.95 3.01 0.00	111.97 3.03 0.00	90.51 2.78 0.00	353.35 10.48 -9.08	46.40 1.18 -6.94	35.03 0.79 -1.87	38.87 0.73 -6.43	29.40 0.69 0.00	22.80 0.52 0.00	32.42 0.54 0.00
NUMBER_THREE_WT_PWR 323818	39.94 -0.57 0.00	38.14 -0.66 0.00	33.23 -0.23 0.00	31.38 -0.07 0.00	29.99 -0.09 0.00	39.34 0.28 0.00	48.25 0.16 0.00	41.84 0.37 0.00	41.47 0.50 0.00	38.86 0.47 0.00	44.31 0.49 0.00	57.14 0.86 0.00	61.81 1.06 0.00	97.27 0.67 0.00	85.87 0.94 0.00	108.42 -0.52 0.00	86.98 -0.75 0.00	335.70 1.92 0.00	38.94 0.67 0.00	33.05 0.68 0.00	31.58 -0.13 0.00	29.14 0.43 0.00	22.81 0.53 0.00	32.52 0.63 0.00
NYISO_LBMP_REFERENCE 24008	40.52 0.00 0.00	38.80 0.00 0.00	33.45 0.00 0.00	31.45 0.00 0.00	30.08 0.00 0.00	39.05 0.00 0.00	48.09 0.00 0.00	41.47 0.00 0.00	40.96 0.00 0.00	38.38 0.00 0.00	43.82 0.00 0.00	56.29 0.00 0.00	60.76 0.00 0.00	96.60 0.00 0.00	84.94 0.00 0.00	108.94 0.00 0.00	87.73 0.00 0.00	333.78 0.00 0.00	38.28 0.00 0.00	32.37 0.00 0.00	31.70 0.00 0.00	28.71 0.00 0.00	22.28 0.00 0.00	31.89 0.00 0.00
NYPA_BRENTWD___GT 24164	44.13 3.62 0.00	42.34 3.54 0.00	36.62 3.14 -0.03	34.27 2.77 -0.05	35.97 2.64 -3.26	41.72 2.67 0.00	51.16 2.69 -0.38	44.12 2.66 0.00	43.91 2.95 0.00	42.03 3.65 0.00	49.74 4.38 -1.53	81.06 4.80 -19.98	182.32 5.42 -116.14	150.28 9.13 -44.55	173.19 9.16 -79.10	184.90 10.92 -65.04	213.57 9.30 -116.53	465.25 35.00 -96.46	139.10 3.71 -97.11	193.65 2.97 -158.31	245.04 2.73 -210.60	63.21 2.72 -31.78	53.88 2.19 -29.42	43.78 3.05 -8.84
NYPA_GOWANUS___GT5 24156	47.03 2.59 -3.92	41.32 2.35 -0.17	35.85 2.20 -0.20	33.51 2.01 -0.05	35.18 1.82 -3.28	41.00 1.95 0.00	50.84 2.37 -0.38	44.10 2.63 0.00	44.09 3.13 0.00	65.17 3.41 -23.38	47.66 3.84 0.00	92.24 4.94 -31.02	158.15 5.65 -91.75	106.11 8.54 -0.97	120.60 8.15 -27.52	167.92 10.27 -48.71	195.32 8.70 -98.89	447.87 32.33 -81.76	113.02 3.44 -71.31	153.00 2.88 -117.76	258.77 2.80 -224.26	88.21 2.42 -57.08	50.42 1.85 -26.29	43.30 2.49 -8.93
NYPA_GOWANUS___GT6 24157	47.03 2.59 -3.92	41.32 2.35 -0.17	35.85 2.20 -0.20	33.51 2.01 -0.05	35.18 1.82 -3.28	41.00 1.95 0.00	50.84 2.37 -0.38	44.10 2.63 0.00	44.09 3.13 0.00	65.17 3.41 -23.38	47.66 3.84 0.00	92.24 4.94 -31.02	158.15 5.65 -91.75	106.11 8.54 -0.97	120.60 8.15 -27.52	167.92 10.27 -48.71	195.32 8.70 -98.89	447.87 32.33 -81.76	113.02 3.44 -71.31	153.00 2.88 -117.76	258.77 2.80 -224.26	88.21 2.42 -57.08	50.42 1.85 -26.29	43.30 2.49 -8.93
NYPA_HARLEM__RVR_GT1 24160	42.94 2.42 0.00	40.91 2.11 0.00	35.47 1.99 -0.03	33.31 1.81 -0.05	35.00 1.64 -3.28	40.79 1.74 0.00	50.56 2.10 -0.38	43.78 2.31 0.00	43.74 2.78 0.00	41.42 3.04 0.00	47.32 3.50 0.00	60.81 4.53 0.00	140.45 5.23 -74.46	104.83 8.23 0.00	120.45 7.99 -27.52	167.69 10.03 -48.71	195.14 8.52 -98.89	447.29 31.75 -81.76	112.94 3.36 -71.31	166.95 2.80 -131.79	230.54 2.70 -196.14	56.38 2.35 -25.32	42.79 1.76 -18.74	38.03 2.32 -3.83
NYPA_HARLEM__RVR_GT2 24161	42.94 2.42 0.00	40.91 2.11 0.00	35.47 1.99 -0.03	33.31 1.81 -0.05	35.00 1.64 -3.28	40.79 1.74 0.00	50.56 2.10 -0.38	43.78 2.31 0.00	43.74 2.78 0.00	41.42 3.04 0.00	47.32 3.50 0.00	60.81 4.53 0.00	140.45 5.23 -74.46	104.83 8.23 0.00	120.45 7.99 -27.52	167.69 10.03 -48.71	195.14 8.52 -98.89	447.29 31.75 -81.76	112.94 3.36 -71.31	166.95 2.80 -131.79	230.54 2.70 -196.14	56.38 2.35 -25.32	42.79 1.76 -18.74	38.03 2.32 -3.83
NYPA_KENT___GT 24152	45.29 2.52 -2.25	41.18 2.28 -0.10	35.71 2.12 -0.13	33.43 1.94 -0.05	35.14 1.78 -3.28	40.96 1.91 0.00	50.78 2.31 -0.38	44.00 2.54 0.00	44.00 3.04 0.00	55.15 3.31 -13.46	47.56 3.74 0.00	78.92 4.79 -17.85	150.63 5.47 -84.41	105.59 8.43 -0.56	120.53 8.08 -27.52	167.82 10.17 -48.71	195.18 8.56 -98.89	447.41 31.87 -81.76	112.98 3.40 -71.31	153.59 2.82 -118.40	222.67 2.75 -188.22	68.76 2.38 -37.68	45.79 1.82 -21.68	41.11 2.46 -6.76

NYPA_POUCH1____GT 24155	46.95 2.52 -3.92	41.27 2.29 -0.17	35.82 2.16 -0.20	33.47 1.97 -0.05	35.12 1.76 -3.28	40.89 1.85 0.01	50.73 2.26 -0.38	44.02 2.56 0.00	44.00 3.04 0.00	64.96 3.27 -23.31	47.56 3.73 0.00	92.09 4.80 -31.02	158.02 5.52 -91.75	105.94 8.37 -0.97	120.54 8.09 -27.52	167.84 10.19 -48.71	195.28 8.66 -98.89	447.72 32.18 -81.76	113.02 3.44 -71.31	152.99 2.87 -117.76	258.76 2.79 -224.26	88.20 2.40 -57.08	50.39 1.82 -26.29	43.25 2.43 -8.93
NYPA_VERNON____GT2 24162	43.57 2.46 -0.59	41.02 2.20 -0.03	35.56 2.06 -0.05	33.36 1.87 -0.05	35.10 1.74 -3.28	40.93 1.88 0.00	50.71 2.24 -0.38	43.91 2.44 0.00	43.91 2.95 0.00	45.13 3.22 -3.53	47.48 3.66 0.00	65.66 4.69 -4.68	143.17 5.34 -77.07	105.18 8.43 -0.15	120.52 8.07 -27.52	167.80 10.15 -48.71	195.16 8.55 -98.89	447.33 31.79 -81.76	112.97 3.39 -71.31	154.21 2.80 -119.04	186.59 2.72 -152.17	49.34 2.36 -18.27	41.14 1.79 -17.07	38.90 2.41 -4.60
NYPA_VERNON____GT3 24163	43.57 2.46 -0.59	41.02 2.20 -0.03	35.56 2.06 -0.05	33.36 1.87 -0.05	35.10 1.74 -3.28	40.93 1.88 0.00	50.71 2.24 -0.38	43.91 2.44 0.00	43.91 2.95 0.00	45.13 3.22 -3.53	47.48 3.66 0.00	65.66 4.69 -4.68	143.17 5.34 -77.07	105.18 8.43 -0.15	120.52 8.07 -27.52	167.80 10.15 -48.71	195.16 8.55 -98.89	447.33 31.79 -81.76	112.97 3.39 -71.31	154.21 2.80 -119.04	186.59 2.72 -152.17	49.34 2.36 -18.27	41.14 1.79 -17.07	38.90 2.41 -4.60
NYPA____ASTORIA_CC1 323568	42.91 2.39 0.00	40.94 2.14 0.00	35.49 2.01 -0.03	33.32 1.82 -0.05	35.05 1.69 -3.28	40.86 1.81 0.00	50.62 2.15 -0.38	43.83 2.36 0.00	43.83 2.87 0.00	41.52 3.14 0.00	47.38 3.56 0.00	60.81 4.53 0.00	140.40 5.18 -74.46	104.79 8.19 0.00	120.33 7.87 -27.52	167.55 9.90 -48.71	194.92 8.30 -98.89	446.47 30.92 -81.76	112.88 3.30 -71.31	151.83 2.71 -116.75	161.51 2.64 -127.16	39.18 2.30 -8.17	38.70 1.74 -14.67	38.08 2.37 -3.83
NYPA____ASTORIA_CC2 323569	42.91 2.39 0.00	40.94 2.14 0.00	35.49 2.01 -0.03	33.32 1.82 -0.05	35.05 1.69 -3.28	40.86 1.81 0.00	50.62 2.15 -0.38	43.83 2.36 0.00	43.83 2.87 0.00	41.52 3.14 0.00	47.38 3.56 0.00	60.81 4.53 0.00	140.40 5.18 -74.46	104.79 8.19 0.00	120.33 7.87 -27.52	167.55 9.90 -48.71	194.92 8.30 -98.89	446.47 30.92 -81.76	112.88 3.30 -71.31	151.83 2.71 -116.75	161.51 2.64 -127.16	39.18 2.30 -8.17	38.70 1.74 -14.67	38.08 2.37 -3.83
NYPA____HOLTSVILL 23794	43.94 3.42 0.00	42.17 3.37 0.00	36.50 3.03 -0.03	34.12 2.62 -0.05	35.85 2.51 -3.26	41.54 2.49 0.00	50.93 2.46 -0.38	43.93 2.46 0.00	43.80 2.84 0.00	41.93 3.55 0.00	55.38 4.23 -7.33	155.41 4.91 -94.21	339.57 5.43 -273.39	327.57 9.05 -221.92	329.96 8.99 -236.04	288.71 10.57 -169.21	315.70 9.04 -218.92	568.73 34.00 -200.94	298.39 3.60 -256.52	323.80 2.93 -288.50	311.25 2.70 -276.84	85.66 2.77 -54.17	55.96 2.23 -31.45	42.53 2.88 -7.76
NYPA____HELLGATE_GT1 24158	42.94 2.42 0.00	40.91 2.11 0.00	35.47 1.99 -0.03	33.31 1.81 -0.05	35.00 1.64 -3.28	40.79 1.74 0.00	50.57 2.11 -0.38	43.81 2.34 0.00	43.74 2.78 0.00	41.42 3.04 0.00	47.32 3.50 0.00	60.81 4.53 0.00	140.44 5.23 -74.46	104.83 8.23 0.00	120.45 7.99 -27.52	167.68 10.03 -48.71	195.13 8.51 -98.89	447.26 31.72 -81.76	112.94 3.36 -71.31	166.95 2.80 -131.79	230.54 2.70 -196.14	56.38 2.35 -25.32	42.79 1.76 -18.74	38.03 2.32 -3.83
NYPA____HELLGATE_GT2 24159	42.94 2.42 0.00	40.91 2.11 0.00	35.47 1.99 -0.03	33.31 1.81 -0.05	35.00 1.64 -3.28	40.79 1.74 0.00	50.57 2.11 -0.38	43.81 2.34 0.00	43.74 2.78 0.00	41.42 3.04 0.00	47.32 3.50 0.00	60.81 4.53 0.00	140.44 5.23 -74.46	104.83 8.23 0.00	120.45 7.99 -27.52	167.68 10.03 -48.71	195.13 8.51 -98.89	447.26 31.72 -81.76	112.94 3.36 -71.31	166.95 2.80 -131.79	230.54 2.70 -196.14	56.38 2.35 -25.32	42.79 1.76 -18.74	38.03 2.32 -3.83
NYS_BARGE____HYD 23848	39.65 -0.86 0.00	37.84 -0.96 0.00	32.35 -1.10 0.00	30.45 -1.00 0.00	29.31 -0.77 0.00	38.72 -0.33 0.00	48.44 0.35 0.00	41.91 0.45 0.00	41.45 0.49 0.00	38.99 0.61 0.00	44.63 0.80 0.00	56.89 0.60 0.00	60.30 -0.46 0.00	97.39 0.79 0.00	84.35 -0.59 0.00	107.24 -1.70 0.00	85.15 -2.58 0.00	331.56 -13.62 -11.40	45.49 -1.46 -8.68	33.80 -0.90 -2.34	39.15 -0.58 -8.03	28.53 -0.18 0.00	22.23 -0.05 0.00	31.72 -0.16 0.00
OAK ORCHARD____HYD 24046	40.83 0.31 0.00	38.95 0.15 0.00	33.38 -0.07 0.00	31.37 -0.08 0.00	30.12 0.04 0.00	39.55 0.50 0.00	49.30 1.22 0.00	42.73 1.27 0.00	42.27 1.31 0.00	39.70 1.32 0.00	45.40 1.58 0.00	58.00 1.72 0.00	62.01 1.25 0.00	99.63 3.04 0.00	86.79 1.85 0.00	110.78 1.84 0.00	88.58 0.85 0.00	343.64 0.87 -8.99	45.28 0.14 -6.87	34.50 0.28 -1.85	38.46 0.40 -6.36	29.27 0.56 0.00	22.73 0.46 0.00	32.35 0.47 0.00
OAKDALE__35_KV_LOAD 356122	40.92 0.40 0.00	39.08 0.28 0.00	33.71 0.26 0.00	31.76 0.31 0.00	30.43 0.35 0.00	39.67 0.62 0.00	49.10 1.02 0.00	42.46 1.00 0.00	39.50 1.12 0.00	44.97 1.15 0.00	57.74 1.46 0.00	62.11 1.35 0.00	99.14 2.54 0.00	87.23 2.29 0.00	111.38 2.45 0.00	89.66 1.93 0.00	367.96 6.71 -27.46	59.96 0.69 -20.99	38.68 0.66 -5.65	51.73 0.60 -19.43	29.29 0.57 0.00	22.72 0.44 0.00	32.38 0.49 0.00	
OCC_CHEM____DRP 24175	39.12 -1.40 0.00	37.35 -1.45 0.00	31.92 -1.53 0.00	30.07 -1.38 0.00	28.94 -1.14 0.00	38.22 -0.83 0.00	47.80 -0.28 0.00	41.31 -0.16 0.00	40.81 -0.15 0.00	38.40 0.02 0.00	44.02 0.20 0.00	56.06 -0.23 0.00	59.03 -1.73 0.00	95.28 -1.32 0.00	82.55 -2.38 0.01	104.79 -4.15 0.00	83.13 -4.59 0.01	324.24 -21.04 -11.49	44.90 -2.31 -8.93	33.17 -1.61 -2.41	38.62 -1.35 -8.27	27.90 -0.81 0.00	21.77 -0.51 0.00	31.29 -0.60 0.00
OH_GEN_PROXY 24063	39.29 -1.22 0.00	37.54 -1.26 0.00	32.10 -1.35 0.00	30.23 -1.22 0.00	29.10 -0.98 0.00	38.41 -0.64 0.00	48.00 -0.09 0.00	41.53 0.06 0.00	41.03 0.07 0.00	38.61 0.23 0.00	44.20 0.38 0.00	56.32 0.04 0.00	59.73 -1.02 0.00	183.75 -0.12 -87.27	83.72 -1.22 0.00	106.33 -2.60 0.00	84.43 -3.30 0.00	329.50 -15.80 -11.52	45.40 -1.69 -8.82	33.57 -1.18 -2.38	2.00 -0.93 28.77	28.19 -0.52 0.00	22.00 -0.28 0.00	31.58 -0.43 -0.12
OLIN_CORP_DRP 24177	39.20 -1.32 0.00	37.43 -1.37 0.00	31.98 -1.47 0.00	30.12 -1.33 0.00	28.99 -1.10 0.00	38.30 -0.76 0.00	47.90 -0.18 0.00	41.40 -0.06 0.00	40.91 -0.05 0.00	38.50 0.12 0.00	44.11 0.28 0.00	56.19 -0.09 0.00	59.46 -1.29 0.00	96.12 -0.48 0.00	83.27 -1.67 0.00	105.77 -3.17 0.00	83.93 -3.80 0.00	327.65 -17.98 -11.85	45.37 -1.94 -9.04	33.48 -1.33 -2.44	39.02 -1.05 -8.37	28.14 -0.58 0.00	21.91 -0.37 0.00	31.35 -0.53 0.00
OLIN_CORP_DSASP 323712	39.11 -1.40 0.00	37.35 -1.45 0.00	31.92 -1.53 0.00	30.07 -1.38 0.00	28.94 -1.14 0.00	38.22 -0.83 0.00	47.80 -0.29 0.00	41.31 -0.16 0.00	40.81 -0.15 0.00	38.40 0.02 0.00	44.02 0.20 0.00	56.06 -0.22 0.00	59.05 -1.71 0.00	95.28 -1.32 0.00	82.55 -2.38 0.01	104.81 -4.13 0.00	83.17 -4.55 0.01	324.22 -21.05 -11.49	44.91 -2.30 -8.93	33.19 -1.59 -2.41	38.66 -1.32 -8.27	27.93 -0.78 0.00	21.82 -0.46 0.00	31.29 -0.59 0.00

ONEIDA_HERK_LFGE 323681	41.03 0.51 0.00	39.20 0.40 0.00	33.93 0.48 0.00	31.98 0.52 0.00	30.56 0.48 0.00	39.89 0.84 0.00	49.16 1.07 0.00	42.56 1.09 0.00	42.18 1.22 0.00	39.45 1.07 0.00	45.07 1.25 0.00	57.97 1.69 0.00	62.65 1.90 0.00	99.25 2.65 0.00	87.35 2.41 0.00	111.09 2.15 0.00	89.44 1.71 0.00	342.96 9.18 0.00	39.45 1.17 0.00	33.05 0.68 0.00	31.91 0.20 0.00	28.91 0.20 0.00	22.74 0.47 0.00	32.91 1.02 0.00
ONEIDA___115KV_TB4 55905	41.78 1.26 0.00	39.91 1.11 0.00	34.44 0.99 0.00	32.38 0.93 0.00	31.00 0.91 0.00	40.42 1.36 0.00	49.98 1.89 0.00	43.19 1.72 0.00	42.72 1.75 0.00	40.07 1.69 0.00	45.84 2.01 0.00	58.91 2.63 0.00	63.63 2.87 0.00	101.20 4.60 0.00	88.72 3.78 0.00	112.98 4.04 0.00	90.94 3.21 0.00	347.90 14.12 0.00	39.78 1.51 0.00	33.62 1.25 0.00	32.84 1.13 0.00	29.97 1.26 0.00	23.19 0.91 0.00	33.00 1.11 0.00
ONONDAGA_REF_OCCRA 23987	40.83 0.31 0.00	38.98 0.18 0.00	33.57 0.12 0.00	31.56 0.11 0.00	30.22 0.14 0.00	39.39 0.34 0.00	48.80 0.71 0.00	42.18 0.71 0.00	41.75 0.79 0.00	39.19 0.81 0.00	44.74 0.91 0.00	57.46 1.17 0.00	61.85 1.10 0.00	98.66 2.07 0.00	86.67 1.73 0.00	110.90 1.96 0.00	89.32 1.59 0.00	346.97 5.42 -7.78	44.77 0.55 -5.94	34.45 0.48 -1.60	37.65 0.43 -5.52	29.14 0.42 0.00	22.60 0.31 0.00	32.13 0.24 0.00
ONONDAGA___COGEN 23986	40.61 0.09 0.00	38.78 -0.02 0.00	33.41 -0.04 0.00	31.39 -0.06 0.00	30.07 -0.01 0.00	39.19 0.14 0.00	48.53 0.44 0.00	41.94 0.47 0.00	41.52 0.55 0.00	38.97 0.59 0.00	44.51 0.69 0.00	57.10 0.82 0.00	61.46 0.71 0.00	98.01 1.41 0.00	86.09 1.15 0.00	110.08 1.15 0.00	88.72 0.99 0.00	336.86 3.08 0.00	38.58 0.31 0.00	32.64 0.27 0.00	31.90 0.19 0.00	28.93 0.21 0.00	22.46 0.17 0.00	32.01 0.13 0.00
ONTARIO___LFGE 23819	41.01 0.50 0.00	39.12 0.31 0.00	33.83 0.38 0.00	31.85 0.40 0.00	30.54 0.46 0.00	39.90 0.84 0.00	49.67 1.59 0.00	43.07 1.60 0.00	42.61 1.65 0.00	40.08 1.70 0.00	45.66 1.84 0.00	58.44 2.16 0.00	62.67 1.92 0.00	100.41 3.81 0.00	88.18 3.24 0.00	112.51 3.57 0.00	90.43 2.70 0.00	354.37 9.63 -10.95	47.67 1.02 -8.37	35.60 0.97 -2.26	40.34 0.89 -7.75	29.59 0.88 0.00	22.93 0.65 0.00	32.51 0.63 0.00
ORANGEVILLE_WT_PWR 323706	39.89 -0.62 0.00	38.04 -0.75 0.00	32.74 -0.71 0.00	30.95 -0.51 0.00	29.79 -0.29 0.00	39.25 0.20 0.00	48.83 0.74 0.00	42.37 0.91 0.00	41.83 0.87 0.00	39.45 1.07 0.00	44.97 1.15 0.00	57.44 1.15 0.00	61.19 0.43 0.00	98.60 2.01 0.00	85.93 1.00 0.00	109.20 0.26 0.00	86.65 -1.07 0.00	341.18 -7.05 -14.45	48.51 -0.80 -11.03	35.11 -0.23 -2.97	41.85 -0.06 -10.21	28.91 0.20 0.00	22.48 0.20 0.00	32.03 0.15 0.00
ORANGEVILLE___ESR 323794	39.89 -0.62 0.00	38.04 -0.75 0.00	32.74 -0.71 0.00	30.95 -0.51 0.00	29.79 -0.29 0.00	39.25 0.20 0.00	48.83 0.74 0.00	42.37 0.91 0.00	41.83 0.87 0.00	39.45 1.07 0.00	44.97 1.15 0.00	57.44 1.15 0.00	61.19 0.43 0.00	98.60 2.01 0.00	85.93 1.00 0.00	109.20 0.26 0.00	86.65 -1.07 0.00	341.18 -7.05 -14.45	48.51 -0.80 -11.03	35.11 -0.23 -2.97	41.85 -0.06 -10.21	28.91 0.20 0.00	22.48 0.20 0.00	32.03 0.15 0.00
OSWEGATCHIE___HYD 24044	39.12 -1.39 0.00	37.58 -1.22 0.00	32.46 -0.99 0.00	30.70 -0.75 0.00	29.38 -0.70 0.00	38.38 -0.67 0.00	46.84 -1.25 0.00	40.67 -0.80 0.00	40.11 -0.86 0.00	37.26 -1.12 0.00	42.52 -1.30 0.00	54.84 -1.45 0.00	59.23 -1.52 0.00	93.24 -3.36 0.00	81.91 -3.03 0.00	104.17 -4.77 0.00	83.55 -4.18 0.00	321.60 -12.19 0.00	37.28 -1.00 0.00	31.59 -0.77 0.00	30.61 -1.10 0.00	28.00 -0.71 0.00	21.97 -0.31 0.00	31.50 -0.39 0.00
OSWEGO___5 23606	39.97 -0.55 0.00	38.19 -0.61 0.00	32.92 -0.53 0.00	30.95 -0.50 0.00	29.64 -0.45 0.00	38.61 -0.44 0.00	47.75 -0.34 0.00	41.26 -0.21 0.00	40.82 -0.14 0.00	38.29 -0.09 0.00	43.71 -0.12 0.00	56.09 -0.20 0.00	60.38 -0.37 0.00	96.24 -0.36 0.00	84.50 -0.44 0.00	108.06 -0.87 0.00	86.97 -0.76 0.00	330.12 -3.66 0.00	37.85 -0.42 0.00	32.05 -0.32 0.00	31.39 -0.32 0.00	28.50 -0.21 0.00	22.13 -0.15 0.00	31.47 -0.41 0.00
OSWEGO___6 23613	39.97 -0.55 0.00	38.19 -0.61 0.00	32.92 -0.53 0.00	30.95 -0.50 0.00	29.64 -0.45 0.00	38.61 -0.44 0.00	47.75 -0.34 0.00	41.26 -0.21 0.00	40.82 -0.14 0.00	38.29 -0.09 0.00	43.71 -0.12 0.00	56.09 -0.20 0.00	60.38 -0.37 0.00	96.24 -0.36 0.00	84.50 -0.44 0.00	108.06 -0.87 0.00	86.97 -0.76 0.00	330.12 -3.66 0.00	37.85 -0.42 0.00	32.05 -0.32 0.00	31.39 -0.32 0.00	28.50 -0.21 0.00	22.13 -0.15 0.00	31.47 -0.41 0.00
OUTOKUMPU-AB___DRP 24206	40.17 -0.35 0.00	38.33 -0.47 0.00	32.78 -0.68 0.00	30.87 -0.58 0.00	29.70 -0.38 0.00	39.24 0.19 0.00	49.11 1.02 0.00	42.48 1.01 0.00	42.01 1.05 0.00	39.57 1.19 0.00	45.34 1.52 0.00	57.83 1.54 0.00	61.23 0.47 0.00	99.01 2.41 0.00	85.90 0.96 -0.01	109.17 0.23 0.00	86.56 -1.18 -0.01	337.61 -8.35 -12.18	46.52 -0.89 -9.14	34.37 -0.47 -2.46	39.97 -0.19 -8.46	28.87 0.16 0.00	22.47 0.18 0.00	32.15 0.26 0.00
OXBOW___ 24026	39.74 -0.78 0.00	37.93 -0.87 0.00	32.45 -1.00 0.00	30.57 -0.88 0.00	29.41 -0.67 0.00	38.86 -0.19 0.00	48.61 0.52 0.00	42.04 0.57 0.00	41.56 0.59 0.00	39.12 0.74 0.00	44.85 1.03 0.00	57.16 0.88 0.00	60.39 -0.36 0.00	97.51 0.92 0.00	84.58 -0.36 -0.01	107.46 -1.47 0.00	85.19 -2.55 -0.01	332.23 -13.60 -12.05	45.84 -1.48 -9.04	33.88 -0.92 -2.44	39.43 -0.65 -8.37	28.52 -0.19 0.00	22.24 -0.04 0.00	31.83 -0.05 0.00
OXY_CHEM_DSASP 323612	39.12 -1.40 0.00	37.35 -1.45 0.00	31.92 -1.53 0.00	30.07 -1.38 0.00	28.94 -1.14 0.00	38.22 -0.83 0.00	47.80 -0.28 0.00	41.31 -0.16 0.00	40.81 -0.15 0.00	38.40 0.02 0.00	44.02 0.20 0.00	56.06 -0.23 0.00	59.03 -1.73 0.00	95.28 -1.32 0.00	82.55 -2.38 0.01	104.79 -4.15 0.00	83.13 -4.59 0.01	324.24 -21.04 -11.49	44.90 -2.31 -8.93	33.17 -1.61 -2.41	38.62 -1.35 -8.27	27.90 -0.81 0.00	21.77 -0.51 0.00	31.29 -0.60 0.00
OZONE_PARK_ESR 323760	43.71 3.19 0.00	41.68 2.88 0.00	36.10 2.62 -0.03	33.86 2.36 -0.05	35.53 2.17 -3.28	41.47 2.42 0.00	51.49 3.03 -0.38	44.63 3.16 0.00	44.63 3.67 0.00	42.29 3.91 0.00	48.35 4.53 0.00	62.10 5.82 0.00	141.79 6.55 -74.48	107.18 10.58 0.00	122.44 9.98 -27.52	170.35 12.69 -48.73	197.11 10.47 -98.92	454.69 39.15 -81.76	113.84 4.26 -71.31	167.72 3.54 -131.81	231.32 3.46 -196.16	57.03 2.99 -25.33	43.29 2.26 -18.75	38.71 2.99 -3.83
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	39.12 -1.40 0.00	37.35 -1.45 0.00	31.92 -1.53 0.00	30.07 -1.38 0.00	28.94 -1.14 0.00	38.22 -0.83 0.00	47.80 -0.28 0.00	41.31 -0.16 0.00	40.81 -0.15 0.00	38.40 0.02 0.00	44.02 0.20 0.00	56.06 -0.23 0.00	59.03 -1.73 0.00	95.28 -1.32 0.00	82.55 -2.38 0.01	104.79 -4.15 0.00	83.13 -4.59 0.01	324.24 -21.04 -11.49	44.90 -2.31 -8.93	33.17 -1.61 -2.41	38.62 -1.35 -8.27	27.90 -0.81 0.00	21.77 -0.51 0.00	31.29 -0.60 0.00

PACKARD__115KV_DUPONT_184 80571	39.12 -1.40 0.00	37.35 -1.45 0.00	31.92 -1.53 0.00	30.07 -1.38 0.00	28.94 -1.14 0.00	38.22 -0.83 0.00	47.80 -0.28 0.00	41.31 -0.16 0.00	40.81 -0.15 0.00	38.40 0.02 0.00	44.02 0.20 0.00	56.06 -0.23 0.00	59.03 -1.73 0.00	95.28 -1.32 0.00	82.55 -2.38 0.01	104.79 -4.15 0.00	83.13 -4.59 0.01	324.24 -21.04 -11.49	44.90 -2.31 -8.93	33.17 -1.61 -2.41	38.62 -1.35 -8.27	27.90 -0.81 0.00	21.77 -0.51 0.00	31.29 -0.60 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	43.02 2.51 0.00	40.99 2.19 0.00	35.52 2.04 -0.03	33.35 1.85 -0.05	35.05 1.69 -3.28	40.86 1.81 0.00	50.68 2.21 -0.38	43.89 2.42 0.00	43.83 2.86 0.00	41.47 3.09 0.00	47.38 3.56 0.00	60.88 4.60 0.00	140.49 5.28 -74.46	104.91 8.31 0.00	120.47 8.02 -27.52	167.72 10.07 -48.71	195.16 8.54 -98.89	447.38 31.84 -81.76	112.97 3.39 -71.31	167.00 2.84 -131.79	230.61 2.77 -196.14	56.45 2.42 -25.32	42.84 1.82 -18.74	38.11 2.39 -3.83
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	43.51 2.99 0.00	41.43 2.63 0.00	35.89 2.41 -0.03	33.69 2.20 -0.05	35.36 2.00 -3.28	41.27 2.22 0.00	51.23 2.77 -0.38	44.36 2.90 0.00	44.28 3.32 0.00	41.89 3.51 0.00	47.82 4.00 0.00	61.52 5.24 0.00	141.14 5.93 -74.46	106.05 9.45 0.00	121.60 9.15 -27.52	169.26 11.61 -48.71	196.47 9.85 -98.89	452.25 36.71 -81.76	113.51 3.93 -71.31	167.47 3.31 -131.79	231.09 3.25 -196.14	56.86 2.82 -25.32	43.14 2.12 -18.74	38.45 2.73 -3.83
PATROON__115KV_TB1 80586	41.85 1.33 0.00	39.94 1.13 0.00	34.39 0.97 0.03	32.32 0.92 0.05	31.67 0.84 -0.75	39.98 0.93 0.00	48.97 1.31 0.42	42.74 1.27 0.00	42.32 1.36 0.00	39.61 1.23 0.00	45.15 1.33 0.00	57.96 1.68 0.00	79.83 2.02 -17.05	99.80 3.20 0.00	94.51 3.27 -6.30	124.09 4.01 -11.15	113.94 3.64 -22.57	548.84 14.36 -200.70	195.63 1.61 -155.74	102.91 1.40 -69.15	206.91 1.31 -173.90	35.21 1.01 -5.49	27.03 0.68 -4.07	33.59 0.88 -0.83
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	40.12 -0.40 0.00	38.29 -0.51 0.00	32.79 -0.66 0.00	30.90 -0.55 0.00	29.73 -0.35 0.00	39.26 0.20 0.00	49.05 0.97 0.00	42.45 0.99 0.00	42.03 1.06 0.00	39.63 1.25 0.00	45.30 1.48 0.00	57.81 1.53 0.00	61.47 0.71 0.00	99.31 2.72 0.00	86.38 1.44 0.00	109.77 0.83 0.00	87.26 -0.47 0.00	341.70 -5.34 -13.26	47.80 -0.58 -10.11	34.85 -0.25 -2.72	41.01 -0.05 -9.36	28.91 0.20 0.00	22.49 0.21 0.00	32.15 0.26 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	43.16 2.64 0.00	41.13 2.33 0.00	35.52 2.05 -0.02	33.35 1.86 -0.04	32.98 1.69 -1.21	40.96 1.91 0.00	50.86 2.45 -0.33	44.05 2.58 0.00	43.94 2.98 0.00	41.55 3.17 0.00	47.55 3.73 0.00	61.09 4.81 0.00	93.94 5.49 -27.69	105.64 9.04 0.00	103.83 8.66 -10.23	138.10 11.06 -18.10	133.48 9.18 -36.58	451.30 34.17 -83.35	109.84 3.78 -67.78	108.21 3.17 -72.68	154.43 3.05 -119.67	42.07 2.57 -10.78	32.14 1.88 -7.98	35.90 2.38 -1.63
PEEKSKILL____ 23653	42.65 2.14 0.00	40.67 1.87 0.00	35.18 1.70 -0.03	33.03 1.54 -0.05	35.27 1.37 -3.82	40.49 1.44 0.00	50.29 1.84 -0.37	43.53 2.07 0.00	43.44 2.48 0.00	41.09 2.71 0.00	46.97 3.15 0.00	60.29 4.01 0.00	151.94 4.55 -86.63	103.97 7.37 0.00	124.06 7.11 -32.01	174.56 8.95 -56.68	210.28 7.46 -115.08	442.30 27.85 -80.67	147.68 3.05 -106.36	606.87 2.56 -571.94	1084.45 2.50 -1050.24	233.41 2.13 -202.56	173.82 1.58 -149.96	64.52 2.01 -30.61
PGE MADISON__WINDPWR 24146	43.67 3.15 0.00	41.84 3.04 0.00	36.19 2.73 0.00	33.98 2.53 0.00	32.60 2.52 0.00	42.65 3.60 0.00	53.04 4.96 0.00	45.99 4.53 0.00	45.07 4.11 0.00	42.21 3.83 0.00	48.09 4.26 0.00	61.60 5.32 0.00	66.53 5.77 0.00	106.03 9.43 0.00	93.39 8.46 0.00	120.16 11.22 0.00	97.69 9.96 0.00	405.49 39.61 -32.10	67.13 4.33 -24.53	42.30 3.32 -6.61	57.71 3.27 -22.74	31.58 2.87 0.00	24.26 1.98 0.00	34.31 2.43 0.00
PIERCEFIELD__HYD 23852	38.49 -2.02 0.00	37.22 -1.58 0.00	31.89 -1.56 0.00	30.10 -1.35 0.00	28.81 -1.28 0.00	37.45 -1.60 0.00	45.43 -2.65 0.00	39.45 -2.01 0.00	38.70 -2.26 0.00	35.66 -2.72 0.00	40.74 -3.09 0.00	52.51 -3.77 0.00	56.84 -3.92 0.00	89.72 -6.88 0.00	78.53 -6.41 0.00	101.02 -7.91 0.00	81.14 -6.59 0.00	310.89 -22.90 0.00	35.90 -2.37 0.00	30.35 -2.02 0.00	29.65 -2.05 0.00	26.89 -1.82 0.00	21.16 -1.12 0.00	30.55 -1.34 0.00
PINELAWN_CC_1 323563	43.93 3.42 0.00	42.08 3.27 0.00	36.37 2.89 -0.03	34.06 2.56 -0.05	35.75 2.41 -3.26	41.32 2.27 0.00	50.57 2.10 -0.38	43.60 2.13 0.00	43.42 2.46 0.00	41.51 3.13 0.00	48.14 3.73 -0.58	66.94 4.43 -6.22	152.84 5.06 -87.03	119.15 8.67 -13.88	152.16 8.68 -58.54	172.66 10.18 -53.54	200.29 8.71 -103.85	453.00 32.85 -86.36	122.42 3.48 -80.67	174.79 2.78 -139.64	234.27 2.56 -200.00	60.26 2.53 -29.01	46.10 2.09 -21.72	39.39 2.89 -4.61
PJM_GEN_HTP_PROXY 323702	43.54 2.43 -0.60	39.74 2.17 1.23	35.49 2.01 -0.03	33.32 1.82 -0.05	35.01 1.65 -3.28	40.81 1.75 0.00	50.64 2.18 -0.38	43.86 2.39 0.00	43.84 2.88 0.00	41.52 3.14 0.00	47.46 3.64 0.00	62.09 4.64 -1.18	140.51 5.25 -74.51	105.10 8.50 0.00	120.60 8.13 -27.53	167.96 10.29 -48.74	195.21 8.54 -98.94	447.34 31.80 -81.75	115.19 3.44 -73.47	167.94 2.85 -132.72	229.43 2.78 -194.95	56.42 2.37 -25.34	42.81 1.78 -18.76	38.45 2.35 -4.22
PJM_GEN_KEystone 24065	41.50 0.40 -0.58	37.76 0.26 1.30	33.74 0.27 -0.01	31.76 0.29 -0.02	25.62 0.28 4.73	39.45 0.41 0.01	49.07 0.79 -0.19	42.50 1.03 0.00	42.30 1.33 0.00	39.92 1.55 0.01	45.52 1.70 0.00	62.21 2.01 -3.92	-48.62 1.88 111.25	87.99 3.55 12.15	47.99 3.16 40.10	39.00 3.49 73.43	-56.37 2.57 146.68	391.28 8.85 -48.64	72.50 0.94 -33.29	-39.83 0.88 73.08	-14.08 0.89 46.67	15.65 0.82 13.88	12.67 0.67 10.28	25.75 0.83 6.97
PJM_GEN_NEPTUNE_PROXY 323594	43.86 2.74 -0.60	40.16 2.58 1.22	35.78 2.30 -0.03	33.53 2.03 -0.05	35.22 1.89 -3.26	40.89 1.84 0.00	50.28 1.82 -0.38	43.42 1.95 0.00	43.32 2.36 0.00	41.35 2.97 0.00	47.45 3.48 -0.15	61.64 4.18 -1.18	139.34 4.72 -73.87	104.50 7.90 0.00	142.11 7.94 -49.23	166.86 9.60 -48.32	194.00 8.18 -98.10	446.15 30.58 -81.79	116.88 3.23 -75.38	167.04 2.61 -132.07	228.10 2.44 -193.95	56.76 2.38 -25.67	42.87 1.84 -18.75	38.41 2.34 -4.19
PJM_GEN_VFT_PROXY 323633	43.02 2.20 -0.31	38.45 1.97 2.32	35.37 1.89 -0.03	33.19 1.69 -0.05	34.88 1.52 -3.28	40.43 1.52 0.14	50.30 1.84 -0.37	43.62 2.15 0.00	43.63 2.67 0.00	41.22 2.93 0.10	47.21 3.39 0.00	59.86 4.33 0.75	81.26 4.95 -15.56	99.53 7.99 5.06	112.76 7.70 -20.13	119.98 9.69 -1.35	137.42 8.07 -41.62	432.07 30.09 -68.19	113.07 3.25 -71.55	128.01 2.69 -92.95	220.32 2.63 -185.99	56.28 2.24 -25.33	42.74 1.71 -18.75	38.39 2.29 -4.22
PLATSBURG_115KV_PMLD1 355749	39.58 -0.94 0.00	38.20 -0.60 0.00	32.91 -0.54 0.00	31.05 -0.39 0.00	29.82 -0.26 0.00	38.60 -0.46 0.00	47.24 -0.84 0.00	40.60 -0.87 0.00	40.03 -0.93 0.00	37.25 -1.13 0.00	42.35 -1.47 0.00	54.49 -1.80 0.00	59.19 -1.56 0.00	94.40 -2.19 0.00	82.19 -2.75 0.00	106.53 -2.41 0.00	85.82 -1.91 0.00	327.56 -6.22 0.00	37.56 -0.71 0.00	31.73 -0.64 0.00	31.08 -0.63 0.00	28.00 -0.71 0.00	21.47 -0.81 0.00	31.23 -0.66 0.00

PLEASANTVLY___LBMP 24000	42.44 1.92 0.00	40.46 1.66 0.00	34.96 1.48 -0.03	32.86 1.35 -0.05	32.81 1.22 -1.52	40.30 1.25 0.00	50.13 1.61 -0.43	43.28 1.81 0.00	43.12 2.16 0.00	40.68 2.30 0.00	46.48 2.65 0.00	59.64 3.36 0.00	99.11 3.84 -34.51	102.78 6.19 0.00	103.71 6.02 -12.75	139.09 7.59 -22.57	139.84 6.40 -45.71	444.09 23.86 -86.44	112.16 2.66 -71.23	122.27 2.25 -87.65	171.04 2.27 -137.06	44.16 1.92 -13.52	33.72 1.42 -10.01	35.72 1.79 -2.04
PLSNTVLE_13_KV_13.8KVDIST 80602	42.85 2.33 0.00	40.84 2.05 0.00	35.33 1.85 -0.03	33.17 1.68 -0.05	34.17 1.52 -2.57	40.68 1.63 0.00	50.53 2.06 -0.38	43.71 2.24 0.00	43.64 2.67 0.00	41.27 2.89 0.00	47.18 3.36 0.00	60.57 4.29 0.00	124.01 4.87 -58.39	104.54 7.94 0.00	114.13 7.61 -21.58	156.78 9.65 -38.19	173.24 8.03 -77.48	446.16 29.85 -82.52	112.10 3.28 -70.55	150.51 2.75 -115.39	205.40 2.70 -171.00	51.33 2.30 -20.31	39.02 1.70 -15.04	37.14 2.19 -3.07
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	42.85 2.33 0.00	40.84 2.05 0.00	35.33 1.85 -0.03	33.17 1.68 -0.05	34.17 1.52 -2.57	40.68 1.63 0.00	50.53 2.06 -0.38	43.71 2.24 0.00	43.64 2.67 0.00	41.27 2.89 0.00	47.18 3.36 0.00	60.57 4.29 0.00	124.01 4.87 -58.39	104.54 7.94 0.00	114.13 7.61 -21.58	156.78 9.65 -38.19	173.24 8.03 -77.48	446.16 29.85 -82.52	112.10 3.28 -70.55	150.51 2.75 -115.39	205.40 2.70 -171.00	51.33 2.30 -20.31	39.02 1.70 -15.04	37.14 2.19 -3.07
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	42.82 2.30 0.00	40.80 2.00 0.00	35.19 1.75 0.01	33.02 1.58 0.01	32.28 1.43 -0.77	40.62 1.57 0.00	50.01 2.03 0.11	43.69 2.22 0.00	43.54 2.57 0.00	41.07 2.69 0.00	46.94 3.12 0.00	60.28 4.00 0.00	82.92 4.55 -17.62	104.05 7.45 0.00	98.69 7.23 -6.51	129.72 9.27 -11.51	118.69 7.81 -23.15	449.00 29.31 -85.91	109.91 3.28 -68.35	90.52 2.75 -55.41	135.86 2.65 -101.50	38.11 2.24 -7.16	29.22 1.64 -5.30	35.02 2.06 -1.08
POLETTI____ 23519	42.94 2.43 0.00	40.98 2.18 0.00	35.51 2.03 -0.03	33.34 1.84 -0.05	35.03 1.67 -3.28	40.80 1.75 0.00	50.62 2.15 -0.38	43.85 2.38 0.00	43.85 2.89 0.00	41.53 3.15 0.00	47.47 3.64 0.00	60.94 4.66 0.00	140.54 5.30 -74.48	105.14 8.54 0.00	120.61 8.15 -27.52	167.98 10.32 -48.73	195.20 8.55 -98.92	447.42 31.88 -81.76	113.04 3.46 -71.31	167.02 2.85 -131.81	230.65 2.79 -196.16	56.42 2.38 -25.33	42.83 1.80 -18.75	38.09 2.38 -3.83
POMONA___ESR 323819	42.55 2.04 0.00	40.54 1.74 0.00	35.07 1.59 -0.03	32.92 1.43 -0.04	26.92 1.25 4.41	40.34 1.28 0.00	50.13 1.70 -0.34	43.47 2.00 0.00	43.37 2.40 0.00	41.03 2.65 0.00	46.92 3.10 0.00	60.27 3.99 0.00	-34.30 4.52 99.58	103.95 7.35 0.00	55.21 7.07 36.80	52.66 8.92 65.20	-37.79 7.39 132.91	439.22 27.47 -77.96	90.18 3.02 -48.89	-79.84 2.57 114.78	-74.10 2.50 108.31	-0.40 2.11 31.22	0.72 1.55 23.11	29.10 1.93 4.72
PORT_JEFF_3 23555	43.91 3.39 0.00	42.23 3.43 0.00	36.54 3.06 -0.03	34.15 2.65 -0.05	35.87 2.53 -3.26	41.58 2.53 0.00	50.97 2.50 -0.38	43.91 2.45 0.00	43.72 2.76 0.00	41.83 3.44 0.00	55.93 4.09 -8.02	159.48 4.65 -98.53	348.50 5.12 -282.63	343.53 8.44 -238.49	352.76 8.37 -259.45	304.58 9.80 -185.84	331.00 8.40 -234.87	582.43 31.36 -217.29	322.86 3.30 -281.29	342.05 2.67 -307.01	319.62 2.46 -285.45	88.43 2.60 -57.12	56.34 2.18 -31.88	42.61 2.86 -7.86
PORT_JEFF_4 23616	43.91 3.39 0.00	42.23 3.43 0.00	36.54 3.06 -0.03	34.15 2.65 -0.05	35.87 2.53 -3.26	41.58 2.53 0.00	50.97 2.50 -0.38	43.91 2.45 0.00	43.72 2.76 0.00	41.83 3.44 0.00	55.93 4.09 -8.02	159.48 4.65 -98.53	348.50 5.12 -282.63	343.53 8.44 -238.49	352.76 8.37 -259.45	304.58 9.80 -185.84	331.00 8.40 -234.87	582.43 31.36 -217.29	322.86 3.30 -281.29	342.05 2.67 -307.01	319.62 2.46 -285.45	88.43 2.60 -57.12	56.34 2.18 -31.88	42.61 2.86 -7.86
PORT_JEFF_IC 23713	44.08 3.56 0.00	42.36 3.56 0.00	36.65 3.17 -0.03	34.25 2.76 -0.05	35.96 2.63 -3.26	41.72 2.66 0.00	51.13 2.67 -0.38	44.08 2.61 0.00	43.92 2.96 0.00	42.05 3.66 0.00	58.49 4.20 -10.47	175.63 4.83 -114.51	382.86 5.36 -316.75	403.33 8.92 -297.81	425.39 8.82 -331.63	348.56 10.35 -229.28	381.30 8.82 -284.75	608.94 33.03 -242.12	368.36 3.51 -326.58	404.27 2.84 -369.06	350.06 2.59 -315.77	98.90 2.68 -67.51	57.89 2.23 -33.38	43.09 3.01 -8.19
PPL PILGRIM_ST_GT1 24216	44.13 3.62 0.00	42.34 3.54 0.00	36.62 3.14 -0.03	34.27 2.77 -0.05	35.97 2.64 -3.26	41.72 2.67 0.00	51.16 2.69 -0.38	44.12 2.66 0.00	43.91 2.95 0.00	42.03 3.65 0.00	49.74 4.38 -1.53	81.06 4.80 -19.98	182.32 5.42 -116.14	150.28 9.13 -44.55	173.19 9.16 -79.10	184.90 10.92 -65.04	213.57 9.30 -116.53	465.25 35.00 -96.46	139.10 3.71 -97.11	193.65 2.97 -158.31	245.04 2.73 -210.60	63.21 2.72 -31.78	53.88 2.19 -29.42	43.78 3.05 -8.84
PPL PILGRIM_ST_GT2 24217	44.13 3.62 0.00	42.34 3.54 0.00	36.62 3.14 -0.03	34.27 2.77 -0.05	35.97 2.64 -3.26	41.72 2.67 0.00	51.16 2.69 -0.38	44.12 2.66 0.00	43.91 2.95 0.00	42.03 3.65 0.00	49.74 4.38 -1.53	81.06 4.80 -19.98	182.32 5.42 -116.14	150.28 9.13 -44.55	173.19 9.16 -79.10	184.90 10.92 -65.04	213.57 9.30 -116.53	465.25 35.00 -96.46	139.10 3.71 -97.11	193.65 2.97 -158.31	245.04 2.73 -210.60	63.21 2.72 -31.78	53.88 2.19 -29.42	43.78 3.05 -8.84
PPL_SHRM_GT3 24213	44.59 4.08 0.00	42.79 3.98 0.00	37.03 3.55 -0.03	34.57 3.07 -0.05	36.28 2.94 -3.26	42.11 3.06 0.00	51.65 3.19 -0.38	44.58 3.11 0.00	44.49 3.53 0.00	42.60 4.22 0.00	57.32 5.02 -8.47	162.91 5.87 -100.76	354.18 6.03 -287.40	354.56 9.30 -248.67	370.64 9.15 -276.56	318.51 10.30 -199.28	343.53 9.43 -246.36	602.78 35.50 -233.50	346.30 3.46 -304.56	355.12 2.98 -319.78	326.22 3.17 -291.35	91.19 3.40 -59.08	57.09 2.68 -32.13	43.27 3.46 -7.92
PPL_SHRM_GT4 24214	44.59 4.08 0.00	42.79 3.98 0.00	37.03 3.55 -0.03	34.57 3.07 -0.05	36.28 2.94 -3.26	42.11 3.06 0.00	51.65 3.19 -0.38	44.58 3.11 0.00	44.49 3.53 0.00	42.60 4.22 0.00	57.32 5.02 -8.47	162.91 5.87 -100.76	354.18 6.03 -287.40	354.56 9.30 -248.67	370.64 9.15 -276.56	318.51 10.30 -199.28	343.53 9.43 -246.36	602.78 35.50 -233.50	346.30 3.46 -304.56	355.12 2.98 -319.78	326.22 3.17 -291.35	91.19 3.40 -59.08	57.09 2.68 -32.13	43.27 3.46 -7.92
PROJECT___ORANGE 1 24174	40.60 0.09 0.00	38.78 -0.02 0.00	33.40 -0.05 0.00	31.39 -0.06 0.00	30.05 -0.03 0.00	39.18 0.13 0.00	48.54 0.45 0.00	41.96 0.49 0.00	41.54 0.58 0.00	39.00 0.62 0.00	44.54 0.72 0.00	57.18 0.89 0.00	61.56 0.80 0.00	98.20 1.60 0.00	86.26 1.32 0.00	110.34 1.40 0.00	88.79 1.06 0.00	336.96 3.18 0.00	38.59 0.32 0.00	32.65 0.28 0.00	31.95 0.25 0.00	28.99 0.27 0.00	22.48 0.20 0.00	31.94 0.06 0.00
PROJECT___ORANGE 2 24166	40.60 0.09 0.00	38.78 -0.02 0.00	33.40 -0.05 0.00	31.39 -0.06 0.00	30.05 -0.03 0.00	39.18 0.13 0.00	48.54 0.45 0.00	41.96 0.49 0.00	41.54 0.58 0.00	39.00 0.62 0.00	44.54 0.72 0.00	57.18 0.89 0.00	61.56 0.80 0.00	98.20 1.60 0.00	86.26 1.32 0.00	110.34 1.40 0.00	88.79 1.06 0.00	336.96 3.18 0.00	38.59 0.32 0.00	32.65 0.28 0.00	31.95 0.25 0.00	28.99 0.27 0.00	22.48 0.20 0.00	31.94 0.06 0.00

PUCKETT___SOLAR 323809	41.63	39.77	34.29	32.30	30.95	40.37	50.04	43.27	42.68	39.91	45.41	58.24	62.75	100.22	88.29	112.98	91.47	379.21	63.27	40.03	54.66	29.85	23.11	32.89
	1.12	0.97	0.84	0.85	0.87	1.31	1.96	1.80	1.72	1.54	1.59	1.95	1.99	3.62	3.35	4.05	3.74	14.80	1.59	1.36	1.28	1.14	0.83	1.01
	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	-30.62	-23.41	-6.30	-21.67	0.00	0.00	0.00
PYRITES___HYD 24023	39.36	38.03	32.62	30.76	29.45	38.31	46.60	40.41	39.57	36.51	41.73	53.75	58.10	91.65	80.07	103.02	82.65	317.20	36.72	31.07	30.39	27.53	21.63	31.22
	-1.15	-0.77	-0.83	-0.69	-0.63	-0.74	-1.49	-1.06	-1.39	-1.87	-2.09	-2.53	-2.65	-4.95	-4.87	-5.91	-5.09	-16.59	-1.55	-1.30	-1.31	-1.18	-0.65	-0.67
	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
QUAKERRD_115KV_BK1 80622	39.82	38.00	32.61	30.65	29.40	38.53	47.96	41.54	41.08	38.56	44.11	56.45	60.43	96.97	84.67	108.19	86.64	336.38	44.16	33.67	37.37	28.49	22.11	31.48
	-0.70	-0.80	-0.84	-0.80	-0.68	-0.52	-0.13	0.08	0.12	0.18	0.29	0.17	-0.33	0.36	-0.27	-0.75	-1.09	-5.97	-0.67	-0.46	-0.40	-0.22	-0.17	-0.40
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-8.57	-6.55	-1.76	-6.06	0.00	0.00	0.00
QUENSBRY_115KV_TB8 356137	44.02	41.80	35.78	33.64	32.97	41.85	51.26	44.97	44.45	41.54	47.51	61.23	82.64	105.51	99.17	129.83	118.24	630.09	244.76	116.56	251.47	36.71	28.06	35.26
	3.50	3.00	2.36	2.24	2.16	2.80	3.62	3.50	3.49	3.16	3.68	4.95	5.41	8.91	8.14	10.12	8.69	34.18	3.87	3.16	3.09	2.64	1.81	2.56
	0.00	0.00	0.03	0.06	-0.72	0.00	0.45	0.00	0.00	0.00	0.00	0.00	-16.47	0.00	-6.09	-10.77	-21.82	-262.13	-202.61	-81.04	-216.67	-5.36	-3.97	-0.81
RAMAPO___LBMP 323565	42.40	40.40	34.96	32.83	27.01	40.24	49.99	43.33	43.23	40.86	46.70	59.96	-30.61	103.32	56.10	54.53	-33.00	436.57	89.41	-83.19	-84.84	-2.26	-0.66	28.71
	1.88	1.61	1.49	1.34	1.16	1.18	1.57	1.87	2.27	2.48	2.88	3.67	4.15	6.72	6.46	8.13	6.76	25.17	2.76	2.35	2.30	1.96	1.44	1.80
	0.00	0.00	-0.02	-0.04	4.23	0.00	-0.34	0.00	0.00	0.00	0.00	0.00	95.52	0.00	35.30	62.54	127.50	-77.61	-48.37	117.91	118.84	32.93	24.38	4.98
RANKINE____ 23646	40.20	38.37	32.85	30.96	29.79	39.33	49.17	42.53	42.05	39.65	45.34	57.87	61.49	99.43	86.38	109.76	87.11	340.94	47.49	34.75	40.75	28.95	22.52	32.21
	-0.32	-0.43	-0.60	-0.50	-0.30	0.28	1.09	1.07	1.09	1.27	1.52	1.59	0.74	2.83	1.44	0.83	-0.63	-5.76	-0.63	-0.27	-0.06	0.24	0.24	0.32
	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	-12.92	-9.84	-2.65	-9.11	0.00	0.00	0.00
RAVENSWOOD_GT2_1 24244	43.02	41.04	35.56	33.38	35.07	40.88	50.71	43.92	43.91	41.58	47.51	61.00	140.58	105.23	120.67	168.06	195.25	447.71	113.07	167.05	230.65	56.45	42.86	38.13
	2.50	2.24	2.08	1.89	1.71	1.83	2.25	2.46	2.95	3.20	3.69	4.71	5.36	8.63	8.22	10.40	8.63	32.17	3.49	2.89	2.82	2.42	1.83	2.42
	0.00	0.00	-0.03	-0.05	-3.28	0.00	-0.38	0.00	0.00	0.00	0.00	0.00	-74.46	0.00	-27.52	-48.71	-98.89	-81.76	-71.31	-131.79	-196.13	-25.32	-18.75	-3.83
RAVENSWOOD_GT2_2 24245	43.02	41.04	35.56	33.38	35.07	40.88	50.71	43.92	43.91	41.58	47.51	61.00	140.58	105.23	120.67	168.06	195.25	447.71	113.07	167.05	230.65	56.45	42.86	38.13
	2.50	2.24	2.08	1.89	1.71	1.83	2.25	2.46	2.95	3.20	3.69	4.71	5.36	8.63	8.22	10.40	8.63	32.17	3.49	2.89	2.82	2.42	1.83	2.42
	0.00	0.00	-0.03	-0.05	-3.28	0.00	-0.38	0.00	0.00	0.00	0.00	0.00	-74.46	0.00	-27.52	-48.71	-98.89	-81.76	-71.31	-131.79	-196.13	-25.32	-18.75	-3.83
RAVENSWOOD_GT2_3 24246	43.05	41.06	35.58	33.40	35.10	40.91	50.74	43.95	43.95	41.61	47.55	61.05	140.63	105.32	120.76	168.14	195.33	448.05	113.11	167.07	230.68	56.48	42.87	38.15
	2.53	2.26	2.10	1.91	1.74	1.86	2.27	2.49	2.99	3.23	3.73	4.76	5.41	8.72	8.30	10.49	8.72	32.51	3.53	2.92	2.84	2.45	1.85	2.44
	0.00	0.00	-0.03	-0.05	-3.28	0.00	-0.38	0.00	0.00	0.00	0.00	0.00	-74.46	0.00	-27.52	-48.71	-98.89	-81.76	-71.31	-131.79	-196.13	-25.32	-18.75	-3.83
RAVENSWOOD_GT2_4 24247	43.05	41.06	35.58	33.40	35.10	40.91	50.74	43.95	43.95	41.61	47.55	61.05	140.63	105.32	120.76	168.14	195.33	448.05	113.11	167.07	230.68	56.48	42.87	38.15
	2.53	2.26	2.10	1.91	1.74	1.86	2.27	2.49	2.99	3.23	3.73	4.76	5.41	8.72	8.30	10.49	8.72	32.51	3.53	2.92	2.84	2.45	1.85	2.44
	0.00	0.00	-0.03	-0.05	-3.28	0.00	-0.38	0.00	0.00	0.00	0.00	0.00	-74.46	0.00	-27.52	-48.71	-98.89	-81.76	-71.31	-131.79	-196.13	-25.32	-18.75	-3.83
RAVENSWOOD_GT3_1 24248	43.02	41.04	35.56	33.38	35.07	40.88	50.71	43.92	43.91	41.58	47.51	61.00	140.59	105.23	120.67	168.06	195.25	447.71	113.07	167.05	230.65	56.46	42.86	38.13
	2.50	2.24	2.08	1.89	1.71	1.83	2.25	2.46	2.95	3.20	3.69	4.72	5.37	8.63	8.22	10.40	8.63	32.17	3.49	2.89	2.82	2.42	1.83	2.42
	0.00	0.00	-0.03	-0.05	-3.28	0.00	-0.38	0.00	0.00	0.00	0.00	0.00	-74.46	0.00	-27.52	-48.71	-98.89	-81.76	-71.31	-131.79	-196.13	-25.32	-18.75	-3.83
RAVENSWOOD_GT3_2 24249	43.02	41.04	35.56	33.38	35.07	40.88	50.71	43.92	43.91	41.58	47.51	61.00	140.59	105.23	120.67	168.06	195.25	447.71	113.07	167.05	230.65	56.46	42.86	38.13
	2.50	2.24	2.08	1.89	1.71	1.83	2.25	2.46	2.95	3.20	3.69	4.72	5.37	8.63	8.22	10.40	8.63	32.17	3.49	2.89	2.82	2.42	1.83	2.42
	0.00	0.00	-0.03	-0.05	-3.28	0.00	-0.38	0.00	0.00	0.00	0.00	0.00	-74.46	0.00	-27.52	-48.71	-98.89	-81.76	-71.31	-131.79	-196.13	-25.32	-18.75	-3.83
RAVENSWOOD_GT3_3 24250	43.12	41.13	35.63	33.45	35.14	40.97	50.82	44.04	44.03	41.69	47.64	61.17	140.77	105.53	120.94	168.40	195.54	448.72	113.18	167.15	230.75	56.54	42.91	38.20
	2.60	2.33	2.16	1.95	1.78	1.91	2.36	2.57	3.06	3.31	3.82	4.89	5.55	8.92	8.48	10.74	8.92	33.18	3.60	2.99	2.91	2.51	1.88	2.49
	0.00	0.00	-0.03	-0.05	-3.28	0.00	-0.38	0.00	0.00	0.00	0.00	0.00	-74.46	0.00	-27.52	-48.71	-98.89	-81.76	-71.31	-131.79	-196.13	-25.32	-18.75	-3.83
RAVENSWOOD_GT3_4 24251	43.12	41.13	35.63	33.45	35.14	40.97	50.82	44.04	44.03	41.69	47.64	61.17	140.77	105.53	120.94	168.40	195.54	448.72	113.18	167.15	230.75	56.54	42.91	38.20
	2.60	2.33	2.16	1.95	1.78	1.91	2.36	2.57	3.06	3.31	3.82	4.89	5.55	8.92	8.48	10.74	8.92	33.18	3.60	2.99	2.91	2.51	1.88	2.49
	0.00	0.00	-0.03	-0.05	-3.28	0.00	-0.38	0.00	0.00	0.00	0.00	0.00	-74.46	0.00	-27.52	-48.71	-98.89	-81.76	-71.31	-131.79	-196.13	-25.32	-18.75	-3.83
RAVENSWOOD_GT_1 23729	43.57	41.02	35.56	33.36	35.10	40.93	50.71	43.91	43.91	45.13	47.48	65.66	143.17	105.18	120.52	167.80	195.16	447.33	112.97	154.21	186.59	49.34	41.14	38.90
	2.46	2.20	2.06	1.87	1.74	1.88	2.24	2.44	2.95	3.22	3.66	4.69	5.34	8.43	8.07	10.15	8.55	31.79	3.39	2.80	2.72	2.36	1.79	2.41
	-0.59	-0.03	-0.05	-0.05	-3.28	0.00	-0.38	0.00	0.00	-3.53	0.00	-4.68	-77.07	-0.15	-27.52	-48.71	-98.89	-81.76	-71.31	-119.04	-152.17	-18.27	-17.07	-4.60

RAVENSWOOD_GT_10 24258	43.03 2.51 0.00	41.05 2.25 0.00	35.57 2.09 -0.03	33.38 1.89 -0.05	35.08 1.72 -3.28	40.88 1.83 0.00	50.72 2.25 -0.38	43.94 2.47 0.00	43.91 2.95 0.00	41.59 3.21 0.00	47.52 3.70 0.00	61.00 4.72 0.00	140.59 5.37 -74.46	105.25 8.64 0.00	120.69 8.23 -27.52	168.08 10.43 -48.71	195.27 8.65 -98.89	447.84 32.30 -81.76	113.08 3.50 -71.31	165.60 2.90 -130.33	227.21 2.83 -192.67	56.46 2.43 -25.32	42.86 1.83 -18.75	38.13 2.42 -3.83
RAVENSWOOD_GT_11 24259	43.02 2.51 0.00	41.05 2.25 0.00	35.57 2.09 -0.03	33.38 1.89 -0.05	35.08 1.72 -3.28	40.88 1.83 0.00	50.72 2.26 -0.38	43.93 2.47 0.00	43.91 2.95 0.00	41.59 3.21 0.00	47.52 3.70 0.00	61.01 4.72 0.00	140.58 5.36 -74.46	105.24 8.65 0.00	120.69 8.23 -27.52	168.08 10.42 -48.71	195.27 8.65 -98.89	447.77 32.23 -81.76	113.08 3.50 -71.31	165.60 2.90 -130.33	227.20 2.83 -192.67	56.46 2.42 -25.32	42.85 1.82 -18.75	38.13 2.42 -3.83
RAVENSWOOD_GT_4 24252	43.51 2.54 -0.45	41.10 2.28 -0.02	35.61 2.11 -0.05	33.41 1.91 -0.05	35.09 1.73 -3.28	40.89 1.84 0.00	50.75 2.29 -0.38	43.96 2.49 0.00	43.94 2.98 0.00	44.29 3.22 -2.69	47.55 3.73 0.00	64.62 4.77 -3.57	142.61 5.40 -76.45	105.44 8.73 -0.11	120.77 8.32 -27.52	168.19 10.54 -48.71	195.34 8.72 -98.89	448.05 32.51 -81.76	113.12 3.54 -71.31	157.38 2.93 -122.08	197.23 2.87 -162.66	51.12 2.45 -19.95	41.60 1.85 -17.47	38.74 2.44 -4.41
RAVENSWOOD_GT_5 24254	43.51 2.54 -0.45	41.10 2.28 -0.02	35.61 2.11 -0.05	33.41 1.91 -0.05	35.09 1.73 -3.28	40.89 1.84 0.00	50.75 2.29 -0.38	43.96 2.49 0.00	43.94 2.98 0.00	44.29 3.22 -2.69	47.55 3.73 0.00	64.62 4.77 -3.57	142.61 5.40 -76.45	105.44 8.73 -0.11	120.77 8.32 -27.52	168.19 10.54 -48.71	195.34 8.72 -98.89	448.05 32.51 -81.76	113.12 3.54 -71.31	157.38 2.93 -122.08	197.23 2.87 -162.66	51.12 2.45 -19.95	41.60 1.85 -17.47	38.74 2.44 -4.41
RAVENSWOOD_GT_6 24253	43.51 2.54 -0.45	41.10 2.28 -0.02	35.61 2.11 -0.05	33.41 1.91 -0.05	35.09 1.73 -3.28	40.89 1.84 0.00	50.75 2.29 -0.38	43.96 2.49 0.00	43.94 2.98 0.00	44.29 3.22 -2.69	47.55 3.73 0.00	64.62 4.77 -3.57	142.61 5.40 -76.45	105.44 8.73 -0.11	120.77 8.32 -27.52	168.19 10.54 -48.71	195.34 8.72 -98.89	448.05 32.51 -81.76	113.12 3.54 -71.31	157.38 2.93 -122.08	197.23 2.87 -162.66	51.12 2.45 -19.95	41.60 1.85 -17.47	38.74 2.44 -4.41
RAVENSWOOD_GT_7 24255	43.51 2.54 -0.45	41.10 2.28 -0.02	35.61 2.11 -0.05	33.41 1.91 -0.05	35.09 1.73 -3.28	40.89 1.84 0.00	50.75 2.29 -0.38	43.96 2.49 0.00	43.94 2.98 0.00	44.29 3.22 -2.69	47.55 3.73 0.00	64.62 4.77 -3.57	142.61 5.40 -76.45	105.44 8.73 -0.11	120.77 8.32 -27.52	168.19 10.54 -48.71	195.34 8.72 -98.89	448.05 32.51 -81.76	113.12 3.54 -71.31	157.38 2.93 -122.08	197.23 2.87 -162.66	51.12 2.45 -19.95	41.60 1.85 -17.47	38.74 2.44 -4.41
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	43.03 2.51 0.00	41.05 2.25 0.00	35.57 2.09 -0.03	33.38 1.89 -0.05	35.08 1.72 -3.28	40.88 1.83 0.00	50.72 2.25 -0.38	43.94 2.47 0.00	43.91 2.95 0.00	41.59 3.21 0.00	47.52 3.70 0.00	61.00 4.72 0.00	140.59 5.37 -74.46	105.25 8.64 0.00	120.69 8.23 -27.52	168.08 10.43 -48.71	195.27 8.65 -98.89	447.84 32.30 -81.76	113.08 3.50 -71.31	165.60 2.90 -130.33	227.21 2.83 -192.67	56.46 2.43 -25.32	42.86 1.83 -18.75	38.13 2.42 -3.83
RAVENSWOOD_GT_9 24257	43.03 2.51 0.00	41.05 2.25 0.00	35.57 2.09 -0.03	33.38 1.89 -0.05	35.08 1.72 -3.28	40.88 1.83 0.00	50.72 2.25 -0.38	43.94 2.47 0.00	43.91 2.95 0.00	41.59 3.21 0.00	47.52 3.70 0.00	61.00 4.72 0.00	140.59 5.37 -74.46	105.25 8.64 0.00	120.69 8.23 -27.52	168.08 10.43 -48.71	195.27 8.65 -98.89	447.84 32.30 -81.76	113.08 3.50 -71.31	165.60 2.90 -130.33	227.21 2.83 -192.67	56.46 2.43 -25.32	42.86 1.83 -18.75	38.13 2.42 -3.83
RAVENSWOOD___1 23533	42.94 2.43 0.00	40.96 2.16 0.00	35.50 2.02 -0.03	33.33 1.84 -0.05	35.08 1.72 -3.28	40.90 1.85 0.00	50.67 2.20 -0.38	43.87 2.40 0.00	43.88 2.92 0.00	41.56 3.19 0.00	47.45 3.63 0.00	60.92 4.64 0.00	140.51 5.30 -74.46	104.98 8.38 0.00	120.47 8.01 -27.52	167.73 10.08 -48.71	195.09 8.47 -98.89	447.01 31.47 -81.76	112.95 3.37 -71.31	151.91 2.77 -116.77	161.79 2.70 -127.39	39.30 2.33 -8.26	38.74 1.77 -14.69	38.10 2.39 -3.83
RAVENSWOOD___2 23534	42.58 2.07 0.00	40.63 1.83 0.00	35.21 1.73 -0.03	33.09 1.59 -0.05	34.95 1.58 -3.28	40.77 1.72 0.00	50.34 1.88 -0.38	43.49 2.03 0.00	43.51 2.55 0.00	41.22 2.84 0.00	47.06 3.24 0.00	60.42 4.14 0.00	139.97 4.75 -74.46	104.11 7.52 0.00	119.71 7.26 -27.52	166.76 9.11 -48.71	194.28 7.66 -98.89	444.13 28.59 -81.76	112.62 3.04 -71.31	151.54 2.46 -116.71	160.82 2.41 -126.71	38.79 2.09 -7.99	38.49 1.58 -14.63	37.87 2.15 -3.83
RAVENSWOOD___3 23535	43.02 2.51 0.00	41.04 2.25 0.00	35.57 2.09 -0.03	33.38 1.89 -0.05	35.08 1.72 -3.28	40.88 1.83 0.00	50.72 2.25 -0.38	43.93 2.46 0.00	43.91 2.95 0.00	41.58 3.20 0.00	47.51 3.69 0.00	61.00 4.72 0.00	140.57 5.35 -74.46	105.22 8.62 0.00	120.67 8.22 -27.52	168.06 10.40 -48.71	195.25 8.64 -98.89	447.73 32.19 -81.76	113.07 3.49 -71.31	167.05 2.89 -131.79	230.65 2.82 -196.13	56.45 2.42 -25.32	42.85 1.82 -18.75	38.13 2.41 -3.83
RAVENSWOOD___4 23820	42.32 2.39 0.59	40.90 2.13 0.03	35.44 1.99 0.00	33.31 1.81 -0.05	35.05 1.69 -3.28	40.86 1.81 0.00	50.62 2.15 -0.38	43.83 2.36 0.00	43.83 2.87 0.00	38.05 3.15 3.48	47.41 3.59 0.00	56.26 4.60 4.62	137.89 5.24 -71.89	104.74 8.28 0.14	120.39 7.94 -27.52	167.65 10.00 -48.71	195.00 8.38 -98.89	446.72 31.18 -81.76	112.92 3.34 -71.30	149.59 2.75 -114.47	136.64 2.68 -102.25	29.14 2.32 1.90	36.32 1.76 -12.28	37.31 2.36 -3.07
RCPL_TRUST___DRP 24196	42.99 2.47 0.00	41.02 2.22 0.00	35.53 2.05 -0.03	33.35 1.86 -0.05	35.06 1.69 -3.28	40.86 1.81 0.00	50.72 2.26 -0.38	43.93 2.47 0.00	43.92 2.96 0.00	41.60 3.22 0.00	47.55 3.73 0.00	61.03 4.75 0.00	140.65 5.39 -74.51	105.30 8.70 0.00	120.76 8.29 -27.53	168.19 10.51 -48.74	195.39 8.72 -98.94	448.03 32.49 -81.75	113.10 3.51 -71.31	167.10 2.90 -131.83	230.73 2.83 -196.19	56.47 2.42 -25.34	42.85 1.81 -18.76	38.10 2.39 -3.83
RED___ROCHESTER 323720	41.19 0.68 0.00	39.27 0.48 0.00	33.65 0.20 0.00	31.62 0.17 0.00	30.35 0.27 0.00	39.87 0.81 0.00	49.69 1.61 0.00	43.08 1.62 0.00	42.62 1.66 0.00	40.03 1.64 0.00	45.76 1.94 0.00	58.50 2.22 0.00	62.59 1.84 0.00	100.57 3.97 0.00	87.62 2.69 0.00	111.88 2.94 0.00	89.53 1.80 0.00	346.97 4.26 -8.92	45.63 0.53 -6.82	34.82 0.62 -1.84	38.74 0.73 -6.31	29.54 0.84 0.00	22.93 0.65 0.00	32.62 0.73 0.00
REGAN___SOLAR 323812	44.80 4.29 0.00	42.75 3.95 0.00	36.77 3.34 0.02	34.53 3.12 0.04	33.65 2.99 -0.58	43.12 4.07 0.00	53.22 5.44 0.31	45.89 4.42 0.00	43.83 2.87 0.00	40.72 2.33 0.00	46.46 2.63 0.00	59.64 3.36 0.00	77.47 3.55 -13.16	102.25 5.66 0.00	94.87 5.07 -4.86	123.65 6.10 -8.62	112.35 7.03 -17.60	622.67 44.18 -244.71	231.33 5.14 -187.92	97.21 4.17 -60.67	213.27 4.02 -177.55	32.16 3.45 0.00	24.93 2.65 0.00	35.50 3.62 0.00

RENSSELAER___COGEN 23796	41.47 0.96 0.00	39.58 0.78 0.00	34.10 0.67 0.03	32.04 0.64 0.05	31.41 0.57 -0.75	39.62 0.56 0.00	48.51 0.84 0.41	42.33 0.87 0.00	41.91 0.95 0.00	39.19 0.81 0.00	44.59 0.76 0.00	57.19 0.91 0.00	79.11 1.18 -17.17	98.42 1.82 0.00	93.39 2.10 -6.35	122.64 2.48 -11.23	112.86 2.41 -22.72	521.47 9.74 -177.95	177.75 1.11 -138.36	97.98 0.99 -64.62	190.56 0.91 -157.94	34.91 0.66 -5.53	26.80 0.43 -4.09	33.29 0.57 -0.83
REPUBLIC_115KV_BARTNBRK 55605	46.41 5.90 0.00	43.84 5.04 0.00	37.20 3.78 0.03	35.11 3.72 0.06	34.46 3.65 -0.72	43.92 4.87 0.00	53.67 6.04 0.45	47.45 5.99 0.00	46.78 5.81 0.00	43.61 5.23 0.00	49.88 6.06 0.00	64.48 8.20 0.00	86.60 9.35 -16.50	111.99 15.39 0.00	104.34 13.31 -6.10	137.59 17.86 -10.79	124.23 14.64 -21.86	651.81 56.59 -261.43	246.75 6.40 -202.08	118.56 5.24 -80.94	253.03 5.10 -216.23	38.25 4.17 -5.37	29.09 2.84 -3.97	36.98 4.28 -0.81
REVERE_CPFR_DRP 24186	41.95 1.44 0.00	40.06 1.26 0.00	34.58 1.13 0.00	32.53 1.08 0.00	31.13 1.05 0.00	40.63 1.58 0.00	50.21 2.12 0.00	43.42 1.96 0.00	42.97 2.01 0.00	40.31 1.93 0.00	46.17 2.34 0.00	59.33 3.05 0.00	64.13 3.37 0.00	101.91 5.31 0.00	89.42 4.48 0.00	113.85 4.91 0.00	91.73 4.00 0.00	351.70 17.92 0.00	40.27 2.00 0.00	34.02 1.65 0.00	33.09 1.39 0.00	30.21 1.49 0.00	23.40 1.12 0.00	33.29 1.41 0.00
REYNOLDS_115KV_TB3 80639	41.86 1.34 0.00	39.96 1.16 0.00	34.42 1.00 0.03	32.34 0.95 0.06	31.74 0.88 -0.77	40.00 0.95 0.00	48.93 1.33 0.48	42.73 1.26 0.00	42.30 1.33 0.00	39.57 1.19 0.00	45.10 1.27 0.00	57.87 1.59 0.00	80.24 1.90 -17.59	99.54 2.94 0.00	94.45 3.02 -6.50	124.03 3.59 -11.50	114.29 3.28 -23.28	535.45 13.04 -188.62	186.39 1.53 -146.59	101.26 1.33 -67.56	199.21 1.26 -166.24	35.35 1.01 -5.63	27.14 0.69 -4.17	33.65 0.91 -0.85
RIVERBAY____ 323610	43.51 2.99 0.00	41.43 2.63 0.00	35.89 2.41 -0.03	33.69 2.20 -0.05	35.36 2.00 -3.28	41.27 2.22 0.00	51.23 2.77 -0.38	44.36 2.90 0.00	44.28 3.32 0.00	41.89 3.51 0.00	47.82 4.00 0.00	61.52 5.24 0.00	141.14 5.93 -74.46	106.05 9.45 0.00	121.60 9.15 -27.52	169.26 11.61 -48.71	196.47 9.85 -98.89	452.25 36.71 -81.76	113.51 3.93 -71.31	167.47 3.31 -131.79	231.09 3.25 -196.14	56.86 2.82 -25.32	43.14 2.12 -18.74	38.45 2.73 -3.83
RIVERSDE_115KV_TB3 55908	41.77 1.25 0.00	39.86 1.06 0.00	34.34 0.92 0.03	32.26 0.86 0.06	31.64 0.80 -0.76	39.90 0.85 0.00	48.85 1.21 0.45	42.64 1.17 0.00	42.22 1.26 0.00	39.49 1.11 0.00	45.02 1.19 0.00	57.78 1.50 0.00	79.90 1.80 -17.34	99.40 2.80 0.00	94.26 2.91 -6.41	123.79 3.52 -11.34	113.93 3.25 -22.95	536.68 12.85 -190.05	187.38 1.46 -147.64	101.09 1.29 -67.43	199.74 1.20 -166.84	35.23 0.95 -5.57	27.03 0.63 -4.12	33.55 0.82 -0.84
ROARING___BROOK_WT_PWR 323790	40.02 -0.50 0.00	38.19 -0.61 0.00	33.14 -0.31 0.00	31.11 -0.34 0.00	29.73 -0.36 0.00	38.68 -0.37 0.00	47.28 -0.81 0.00	40.81 -0.65 0.00	40.37 -0.60 0.00	37.71 -0.67 0.00	43.03 -0.79 0.00	55.30 -0.99 0.00	59.88 -0.87 0.00	95.13 -1.47 0.00	83.71 -1.23 0.00	107.29 -1.65 0.00	86.53 -1.20 0.00	330.01 -3.78 0.00	37.91 -0.36 0.00	32.04 -0.32 0.00	30.99 -0.72 0.00	28.24 -0.46 0.00	21.78 -0.50 0.00	31.38 -0.50 0.00
ROCHESRG_115KV_T4 355643	40.58 0.07 0.00	38.71 -0.09 0.00	33.19 -0.27 0.00	31.21 -0.24 0.00	29.96 -0.12 0.00	39.32 0.27 0.00	49.01 0.92 0.00	42.46 1.00 0.00	41.98 1.02 0.00	39.45 1.07 0.00	45.10 1.27 0.00	57.63 1.34 0.00	61.58 0.83 0.00	98.97 2.37 0.00	86.24 1.30 0.00	110.03 1.09 0.00	87.95 0.22 0.00	341.17 -1.45 -8.84	44.92 -0.12 -6.76	34.23 0.04 -1.82	38.12 0.17 -6.26	29.06 0.35 0.00	22.56 0.28 0.00	32.17 0.28 0.00
ROCHESTER_9_IC 23652	40.90 0.39 0.00	39.02 0.22 0.00	33.43 -0.02 0.00	31.43 -0.02 0.00	30.17 0.09 0.00	39.62 0.57 0.00	49.39 1.31 0.00	42.80 1.34 0.00	42.33 1.37 0.00	39.76 1.38 0.00	45.46 1.64 0.00	58.12 1.83 0.00	62.12 1.37 0.00	99.86 3.27 0.00	86.99 2.06 0.00	111.01 2.07 0.00	88.76 1.03 0.00	344.24 1.53 -8.92	45.31 0.22 -6.82	34.54 0.34 -1.84	38.47 0.45 -6.31	29.31 0.59 0.00	22.75 0.47 0.00	32.41 0.52 0.00
ROCKVIEW_13_KV_LD 356306	43.05 2.54 0.00	41.07 2.27 0.00	35.53 2.05 -0.03	33.35 1.86 -0.05	35.05 1.69 -3.28	40.89 1.84 0.00	50.76 2.29 -0.38	43.94 2.48 0.00	43.87 2.91 0.00	41.54 3.16 0.00	47.51 3.69 0.00	61.00 4.71 0.00	140.50 5.34 -74.40	105.26 8.66 0.00	120.70 8.27 -27.49	168.08 10.47 -48.67	195.24 8.71 -98.80	448.04 32.49 -81.76	113.13 3.55 -71.30	167.05 2.96 -131.72	230.61 2.89 -196.03	56.49 2.48 -25.30	42.86 1.84 -18.73	38.10 2.39 -3.82
ROME____115KV_TB2 80656	41.95 1.44 0.00	40.06 1.26 0.00	34.58 1.13 0.00	32.53 1.08 0.00	31.13 1.05 0.00	40.63 1.58 0.00	50.21 2.12 0.00	43.42 1.96 0.00	42.97 2.01 0.00	40.31 1.93 0.00	46.17 2.34 0.00	59.33 3.05 0.00	64.13 3.37 0.00	101.91 5.31 0.00	89.42 4.48 0.00	113.85 4.91 0.00	91.73 4.00 0.00	351.70 17.92 0.00	40.27 2.00 0.00	34.02 1.65 0.00	33.09 1.39 0.00	30.21 1.49 0.00	23.40 1.12 0.00	33.29 1.41 0.00
ROSETON___1 23587	42.36 1.84 0.00	40.39 1.60 0.00	34.92 1.44 -0.03	32.80 1.31 -0.04	31.26 1.18 0.00	40.26 1.20 0.00	49.98 1.55 -0.34	43.23 1.77 0.00	43.07 2.10 0.00	40.63 2.25 0.00	46.41 2.58 0.00	59.53 3.24 0.00	64.43 3.68 0.00	102.53 5.93 0.00	90.71 5.77 0.00	116.20 7.26 0.00	93.85 6.12 0.00	437.61 22.56 -81.27	100.59 2.53 -59.79	23.31 2.16 11.22	83.73 2.15 -49.88	30.54 1.82 0.00	23.63 1.35 0.00	33.60 1.71 0.00
ROSETON___2 23588	42.36 1.84 0.00	40.39 1.60 0.00	34.92 1.44 -0.03	32.80 1.31 -0.04	31.26 1.18 0.00	40.26 1.20 0.00	49.98 1.55 -0.34	43.23 1.77 0.00	43.07 2.10 0.00	40.63 2.25 0.00	46.41 2.58 0.00	59.53 3.24 0.00	64.43 3.68 0.00	102.53 5.93 0.00	90.71 5.77 0.00	116.20 7.26 0.00	93.85 6.12 0.00	437.61 22.56 -81.27	100.59 2.53 -59.79	23.31 2.16 11.22	83.73 2.15 -49.88	30.54 1.82 0.00	23.63 1.35 0.00	33.60 1.71 0.00
ROTTRDAM_115KV_TB3 80664	42.39 1.87 0.00	40.44 1.64 0.00	34.82 1.39 0.03	32.70 1.29 0.04	32.00 1.22 -0.70	40.51 1.45 0.00	49.67 1.95 0.36	43.31 1.85 0.00	42.88 1.92 0.00	40.11 1.73 0.00	45.80 1.98 0.00	58.87 2.58 0.00	79.56 2.90 -15.90	101.27 4.67 0.00	95.18 4.36 -5.87	124.70 5.37 -10.40	113.46 4.66 -21.07	628.70 18.17 -276.75	254.09 2.11 -213.71	117.15 1.79 -82.99	259.37 1.72 -225.94	35.34 1.46 -5.17	27.14 1.03 -3.83	34.02 1.35 -0.78
RUSSELL___1 23602	41.19 0.68 0.00	39.27 0.48 0.00	33.65 0.20 0.00	31.62 0.17 0.00	30.35 0.27 0.00	39.87 0.81 0.00	49.69 1.61 0.00	43.08 1.61 0.00	42.62 1.65 0.00	40.03 1.65 0.00	45.76 1.94 0.00	58.50 2.22 0.00	62.58 1.83 0.00	100.57 3.98 0.00	87.62 2.68 0.00	111.88 2.94 0.00	89.51 1.78 0.00	346.97 4.26 -8.92	45.62 0.53 -6.82	34.80 0.60 -1.84	38.73 0.71 -6.31	29.53 0.82 0.00	22.90 0.62 0.00	32.62 0.73 0.00

RUSSELL___2 23532	41.19 0.68 0.00	39.27 0.48 0.00	33.65 0.20 0.00	31.62 0.17 0.00	30.35 0.27 0.00	39.87 0.81 0.00	49.69 1.61 0.00	43.08 1.61 0.00	42.62 1.65 0.00	40.03 1.65 0.00	45.76 1.94 0.00	58.50 2.22 0.00	62.58 1.83 0.00	100.57 3.98 0.00	87.62 2.68 0.00	111.88 2.94 0.00	89.51 1.78 0.00	346.97 4.26 -8.92	45.62 0.53 -6.82	34.80 0.60 -1.84	38.73 0.71 -6.31	29.53 0.82 0.00	22.90 0.62 0.00	32.62 0.73 0.00
RUSSELL___3 23549	41.19 0.68 0.00	39.27 0.48 0.00	33.65 0.20 0.00	31.62 0.17 0.00	30.35 0.27 0.00	39.87 0.81 0.00	49.69 1.61 0.00	43.08 1.61 0.00	42.62 1.65 0.00	40.03 1.65 0.00	45.76 1.94 0.00	58.50 2.22 0.00	62.58 1.83 0.00	100.57 3.98 0.00	87.62 2.68 0.00	111.88 2.94 0.00	89.51 1.78 0.00	346.97 4.26 -8.92	45.62 0.53 -6.82	34.80 0.60 -1.84	38.73 0.71 -6.31	29.53 0.82 0.00	22.90 0.62 0.00	32.62 0.73 0.00
RUSSELL___4 23556	41.19 0.68 0.00	39.27 0.48 0.00	33.65 0.20 0.00	31.62 0.17 0.00	30.35 0.27 0.00	39.87 0.81 0.00	49.69 1.61 0.00	43.08 1.61 0.00	42.62 1.65 0.00	40.03 1.65 0.00	45.76 1.94 0.00	58.50 2.22 0.00	62.58 1.83 0.00	100.57 3.98 0.00	87.62 2.68 0.00	111.88 2.94 0.00	89.51 1.78 0.00	346.97 4.26 -8.92	45.62 0.53 -6.82	34.80 0.60 -1.84	38.73 0.71 -6.31	29.53 0.82 0.00	22.90 0.62 0.00	32.62 0.73 0.00
RUSSELL___STATION 23914	41.19 0.68 0.00	39.27 0.48 0.00	33.65 0.20 0.00	31.62 0.17 0.00	30.35 0.27 0.00	39.87 0.81 0.00	49.69 1.61 0.00	43.08 1.61 0.00	42.62 1.65 0.00	40.03 1.65 0.00	45.76 1.94 0.00	58.50 2.22 0.00	62.58 1.83 0.00	100.57 3.98 0.00	87.62 2.68 0.00	111.88 2.94 0.00	89.51 1.78 0.00	346.97 4.26 -8.92	45.62 0.53 -6.82	34.80 0.60 -1.84	38.73 0.71 -6.31	29.53 0.82 0.00	22.90 0.62 0.00	32.62 0.73 0.00
S SALMON___HYD 24043	40.31 -0.21 0.00	38.45 -0.34 0.00	33.26 -0.20 0.00	31.28 -0.17 0.00	29.98 -0.10 0.00	39.20 0.15 0.00	48.46 0.38 0.00	41.98 0.52 0.00	41.59 0.63 0.00	39.03 0.65 0.00	44.50 0.68 0.00	57.15 0.87 0.00	61.49 0.74 0.00	97.46 0.87 0.00	85.54 0.60 0.00	108.58 -0.36 0.00	87.19 -0.54 0.00	333.28 -0.51 0.00	38.47 0.20 0.00	32.63 0.27 0.00	31.72 0.02 0.00	28.94 0.23 0.00	22.58 0.30 0.00	32.03 0.15 0.00
S.PERRY___115KV_TB1 80734	40.89 0.37 0.00	38.89 0.08 0.00	33.42 -0.03 0.00	31.57 0.12 0.00	30.34 0.26 0.00	39.93 0.88 0.00	49.73 1.64 0.00	43.29 1.82 0.00	42.83 1.87 0.00	40.35 1.97 0.00	45.63 1.81 0.00	57.61 1.33 0.00	60.18 -0.58 0.00	96.35 -0.25 0.00	83.43 -1.51 0.00	106.04 -2.90 0.00	84.02 -3.71 0.00	333.91 -13.26 -13.39	47.51 -0.99 -10.23	34.81 -0.31 -2.76	41.02 -0.15 -9.47	29.63 0.92 0.00	23.01 0.73 0.00	32.69 0.80 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	39.88 -0.64 0.00	38.07 -0.73 0.00	32.56 -0.89 0.00	30.67 -0.78 0.00	29.52 -0.56 0.00	38.97 -0.08 0.00	48.73 0.65 0.00	42.15 0.69 0.00	41.67 0.71 0.00	39.24 0.86 0.00	44.92 1.10 0.00	57.28 0.99 0.00	60.78 0.02 0.00	98.24 1.64 0.00	85.26 0.32 0.00	108.32 -0.61 0.00	85.96 -1.77 0.00	335.87 -10.15 -12.23	46.54 -1.09 -9.35	34.24 -0.65 -2.52	39.94 -0.42 -8.65	28.65 -0.06 0.00	22.31 0.03 0.00	31.93 0.04 0.00
SAWYER___23_KV_LOAD 55526	39.88 -0.64 0.00	38.07 -0.73 0.00	32.56 -0.89 0.00	30.67 -0.78 0.00	29.52 -0.56 0.00	38.97 -0.08 0.00	48.73 0.65 0.00	42.15 0.69 0.00	41.67 0.71 0.00	39.24 0.86 0.00	44.92 1.10 0.00	57.28 0.99 0.00	60.78 0.02 0.00	98.24 1.64 0.00	85.26 0.32 0.00	108.32 -0.61 0.00	85.96 -1.77 0.00	335.87 -10.15 -12.23	46.54 -1.09 -9.35	34.24 -0.65 -2.52	39.94 -0.42 -8.65	28.65 -0.06 0.00	22.31 0.03 0.00	31.93 0.04 0.00
SELKIRK___I 23801	41.30 0.78 0.00	39.44 0.64 0.00	33.98 0.54 0.02	31.94 0.52 0.03	31.25 0.47 -0.69	39.50 0.45 0.00	48.52 0.71 0.27	42.19 0.72 0.00	41.70 0.73 0.00	38.86 0.48 0.00	44.14 0.32 0.00	56.66 0.37 0.00	77.17 0.58 -15.84	97.38 0.79 0.00	91.96 1.17 -5.85	120.61 1.32 -10.35	110.16 1.53 -20.89	491.83 6.65 -151.39	156.89 0.77 -117.85	89.88 0.73 -56.78	169.19 0.67 -136.81	34.32 0.44 -5.17	26.39 0.28 -3.83	33.04 0.38 -0.78
SELKIRK___II 23799	41.63 1.12 0.00	39.75 0.95 0.00	34.25 0.82 0.02	32.18 0.77 0.04	31.52 0.70 -0.73	39.79 0.74 0.00	48.82 1.05 0.32	42.51 1.05 0.00	42.10 1.14 0.00	39.32 0.94 0.00	44.57 0.75 0.00	57.06 0.78 0.00	78.47 1.01 -16.70	98.19 1.59 0.00	93.19 2.08 -6.17	122.32 2.46 -10.92	112.15 2.33 -22.09	502.24 9.41 -159.04	163.18 1.07 -123.83	93.21 0.97 -59.86	176.31 0.90 -143.70	34.80 0.67 -5.41	26.77 0.48 -4.01	33.40 0.70 -0.82
SENECA OSWGO___HYD 24041	40.36 -0.16 0.00	38.56 -0.24 0.00	33.22 -0.23 0.00	31.23 -0.22 0.00	29.89 -0.18 0.00	38.97 -0.08 0.00	48.28 0.19 0.00	41.73 0.27 0.00	41.30 0.33 0.00	38.77 0.39 0.00	44.25 0.43 0.00	56.73 0.44 0.00	61.02 0.27 0.00	97.27 0.68 0.00	85.38 0.45 0.00	109.20 0.26 0.00	87.85 0.13 0.00	333.55 0.00 0.00	38.25 -0.03 0.00	32.41 0.04 0.00	31.71 0.00 0.00	28.78 0.07 0.00	22.34 0.06 0.00	31.73 -0.16 0.00
SENECA___115KV_TB3 355854	40.28 -0.24 0.00	38.44 -0.36 0.00	32.91 -0.55 0.00	31.01 -0.44 0.00	29.84 -0.24 0.00	39.40 0.35 0.00	49.27 1.18 0.00	42.61 1.15 0.00	42.14 1.17 0.00	39.73 1.35 0.00	45.43 1.61 0.00	57.99 1.71 0.00	61.63 0.88 0.00	99.64 3.04 0.00	86.58 1.64 0.00	110.01 1.08 0.00	87.32 -0.41 0.00	341.69 -5.02 -12.92	47.57 -0.54 -9.84	34.82 -0.20 -2.65	40.82 0.01 -9.11	29.01 0.30 0.00	22.57 0.29 0.00	32.26 0.38 0.00
SENECA___ENERGY 23797	40.76 0.25 0.00	38.84 0.04 0.00	33.51 0.06 0.00	31.53 0.08 0.00	30.25 0.17 0.00	39.53 0.48 0.00	49.06 0.97 0.00	42.56 1.10 0.00	42.09 1.13 0.00	39.56 1.18 0.00	45.11 1.29 0.00	57.79 1.50 0.00	61.94 1.19 0.00	99.00 2.41 0.00	87.10 2.17 0.00	111.02 2.09 0.00	89.47 1.74 0.00	348.99 5.56 -9.64	46.23 0.59 -7.37	34.90 0.55 -1.99	39.02 0.49 -6.83	29.23 0.52 0.00	22.66 0.38 0.00	32.18 0.30 0.00
SHOEMAKER___GT 23640	42.27 1.75 0.00	40.32 1.52 0.00	34.83 1.36 -0.02	32.72 1.24 -0.04	28.63 1.11 2.56	40.25 1.20 0.00	49.97 1.59 -0.30	43.21 1.74 0.00	42.97 2.01 0.00	40.45 2.07 0.00	46.19 2.36 0.00	59.28 3.00 0.00	6.43 3.39 57.71	102.07 5.47 0.00	68.94 5.33 21.33	77.86 6.72 37.80	16.33 5.78 77.19	427.60 21.29 -72.52	88.98 2.40 -48.31	-37.37 2.07 71.81	-19.67 1.98 53.36	10.89 1.69 19.51	9.10 1.26 14.44	30.50 1.56 2.95
SHOEMAKR_138KV_BK 111 55601	42.23 1.71 0.00	40.27 1.47 0.00	34.80 1.33 -0.02	32.69 1.20 -0.04	28.72 1.07 2.43	40.19 1.14 0.00	49.89 1.51 -0.29	43.16 1.70 0.00	42.95 1.99 0.00	40.45 2.07 0.00	46.20 2.38 0.00	59.30 3.02 0.00	9.49 3.42 54.69	102.14 5.54 0.00	70.08 5.34 20.21	79.89 6.77 35.82	20.33 5.77 73.16	426.92 21.27 -71.86	88.76 2.39 -48.10	-33.90 2.06 68.32	-14.91 1.97 48.58	11.90 1.67 18.48	9.85 1.25 13.68	30.63 1.54 2.79

SHOREHAM_IC_1 23715	44.59 4.08 0.00	42.79 3.98 0.00	37.03 3.55 -0.03	34.57 3.07 -0.05	36.28 2.94 -3.26	42.11 3.06 0.00	51.65 3.19 -0.38	44.58 3.11 0.00	44.49 3.53 0.00	42.60 4.22 0.00	57.32 5.02 -8.47	162.91 5.87 -100.76	354.18 6.03 -287.40	354.56 9.30 -248.67	370.64 9.15 -276.56	318.51 10.30 -199.28	343.53 9.43 -246.36	602.78 35.50 -233.50	346.30 3.46 -304.56	355.12 2.98 -319.78	326.22 3.17 -291.35	91.19 3.40 -59.08	57.09 2.68 -32.13	43.27 3.46 -7.92
SHOREHAM_IC_2 23716	44.59 4.08 0.00	42.79 3.98 0.00	37.03 3.55 -0.03	34.57 3.07 -0.05	36.28 2.94 -3.26	42.11 3.06 0.00	51.65 3.19 -0.38	44.58 3.11 0.00	44.49 3.53 0.00	42.60 4.22 0.00	57.32 5.02 -8.47	162.91 5.87 -100.76	354.18 6.03 -287.40	354.56 9.30 -248.67	370.64 9.15 -276.56	318.51 10.30 -199.28	343.53 9.43 -246.36	602.78 35.50 -233.50	346.30 3.46 -304.56	355.12 2.98 -319.78	326.22 3.17 -291.35	91.19 3.40 -59.08	57.09 2.68 -32.13	43.27 3.46 -7.92
SISSONVILLE____ 23735	38.49 -2.02 0.00	37.22 -1.58 0.00	31.89 -1.56 0.00	30.10 -1.35 0.00	28.81 -1.28 0.00	37.45 -1.60 0.00	45.43 -2.65 0.00	39.45 -2.01 0.00	38.70 -2.26 0.00	35.66 -2.72 0.00	40.74 -3.09 0.00	52.51 -3.77 0.00	56.84 -3.92 0.00	89.72 -6.88 0.00	78.53 -6.41 0.00	101.02 -7.91 0.00	81.14 -6.59 0.00	310.89 -22.90 0.00	35.90 -2.37 0.00	30.35 -2.02 0.00	29.65 -2.05 0.00	26.89 -1.82 0.00	21.16 -1.12 0.00	30.55 -1.34 0.00
SITHE_IND_GS1 24169	39.74 -0.77 0.00	37.98 -0.82 0.00	32.74 -0.71 0.00	30.78 -0.67 0.00	29.47 -0.61 0.00	38.36 -0.69 0.00	47.42 -0.67 0.00	40.97 -0.50 0.00	40.52 -0.44 0.00	38.01 -0.38 0.00	43.40 -0.42 0.00	55.70 -0.59 0.00	59.97 -0.79 0.00	95.58 -1.02 0.00	83.88 -1.06 0.00	107.32 -1.62 0.00	86.36 -1.37 0.00	327.90 -5.89 0.00	37.58 -0.69 0.00	31.83 -0.54 0.00	31.17 -0.53 0.00	28.31 -0.40 0.00	21.97 -0.31 0.00	31.23 -0.66 0.00
SITHE_IND_GS2 24170	39.74 -0.77 0.00	37.98 -0.82 0.00	32.74 -0.71 0.00	30.78 -0.67 0.00	29.47 -0.61 0.00	38.36 -0.69 0.00	47.42 -0.67 0.00	40.97 -0.50 0.00	40.52 -0.44 0.00	38.01 -0.38 0.00	43.40 -0.42 0.00	55.70 -0.59 0.00	59.97 -0.79 0.00	95.58 -1.02 0.00	83.88 -1.06 0.00	107.32 -1.62 0.00	86.36 -1.37 0.00	327.90 -5.89 0.00	37.58 -0.69 0.00	31.83 -0.54 0.00	31.17 -0.53 0.00	28.31 -0.40 0.00	21.97 -0.31 0.00	31.23 -0.66 0.00
SITHE_IND_GS3 24171	39.74 -0.77 0.00	37.98 -0.82 0.00	32.74 -0.71 0.00	30.78 -0.67 0.00	29.47 -0.61 0.00	38.36 -0.69 0.00	47.42 -0.67 0.00	40.97 -0.50 0.00	40.52 -0.44 0.00	38.01 -0.38 0.00	43.40 -0.42 0.00	55.70 -0.59 0.00	59.97 -0.79 0.00	95.58 -1.02 0.00	83.88 -1.06 0.00	107.32 -1.62 0.00	86.36 -1.37 0.00	327.90 -5.89 0.00	37.58 -0.69 0.00	31.83 -0.54 0.00	31.17 -0.53 0.00	28.31 -0.40 0.00	21.97 -0.31 0.00	31.23 -0.66 0.00
SITHE_IND_GS4 24172	39.74 -0.77 0.00	37.98 -0.82 0.00	32.74 -0.71 0.00	30.78 -0.67 0.00	29.47 -0.61 0.00	38.36 -0.69 0.00	47.42 -0.67 0.00	40.97 -0.50 0.00	40.52 -0.44 0.00	38.01 -0.38 0.00	43.40 -0.42 0.00	55.70 -0.59 0.00	59.97 -0.79 0.00	95.58 -1.02 0.00	83.88 -1.06 0.00	107.32 -1.62 0.00	86.36 -1.37 0.00	327.90 -5.89 0.00	37.58 -0.69 0.00	31.83 -0.54 0.00	31.17 -0.53 0.00	28.31 -0.40 0.00	21.97 -0.31 0.00	31.23 -0.66 0.00
SITHE____BATAVIA 24024	41.38 0.86 0.00	39.44 0.64 0.00	33.70 0.25 0.00	31.70 0.25 0.00	30.48 0.40 0.00	40.23 1.18 0.00	50.33 2.25 0.00	43.67 2.21 0.00	43.22 2.25 0.00	40.56 2.18 0.00	46.27 2.45 0.00	59.16 2.88 0.00	63.05 2.30 0.00	101.65 5.05 0.00	87.24 2.30 0.00	110.41 1.47 0.00	87.52 -0.21 0.00	339.90 -4.53 -10.65	46.05 -0.31 -8.08	34.74 0.20 -2.17	40.00 0.82 -7.47	29.70 0.99 0.00	23.08 0.80 0.00	32.84 0.96 0.00
SITHE____INDEPEND 23800	39.74 -0.77 0.00	37.99 -0.81 0.00	32.74 -0.71 0.00	30.78 -0.67 0.00	29.47 -0.61 0.00	38.36 -0.69 0.00	47.42 -0.67 0.00	40.97 -0.49 0.00	40.52 -0.45 0.00	38.01 -0.38 0.00	43.40 -0.42 0.00	55.70 -0.59 0.00	59.97 -0.78 0.00	95.58 -1.02 0.00	83.89 -1.05 0.00	107.32 -1.62 0.00	86.36 -1.37 0.00	327.89 -5.90 0.00	37.58 -0.69 0.00	31.83 -0.54 0.00	31.18 -0.53 0.00	28.31 -0.40 0.00	21.97 -0.31 0.00	31.23 -0.66 0.00
SITHE____MASSENA 23902	39.49 -1.02 0.00	38.08 -0.72 0.00	32.76 -0.69 0.00	30.87 -0.58 0.00	29.54 -0.55 0.00	38.35 -0.70 0.00	46.61 -1.48 0.00	40.32 -1.15 0.00	39.54 -1.43 0.00	36.54 -1.85 0.00	41.74 -2.09 0.00	53.79 -2.49 0.00	58.12 -2.63 0.00	92.14 -4.46 0.00	80.65 -4.29 0.00	104.11 -4.83 0.00	83.68 -4.05 0.00	319.12 -14.67 0.00	36.73 -1.54 0.00	31.01 -1.35 0.00	30.38 -1.32 0.00	27.52 -1.20 0.00	21.60 -0.68 0.00	31.22 -0.66 0.00
SITHE____OGDNSBRG 24021	39.69 -0.83 0.00	38.32 -0.48 0.00	32.90 -0.55 0.00	31.01 -0.44 0.00	29.69 -0.39 0.00	38.62 -0.43 0.00	46.96 -1.12 0.00	40.66 -0.81 0.00	39.78 -1.19 0.00	36.73 -1.65 0.00	42.00 -1.83 0.00	54.09 -2.20 0.00	58.41 -2.35 0.00	92.22 -4.38 0.00	80.58 -4.36 0.00	103.72 -5.21 0.00	83.25 -4.48 0.00	319.06 -14.73 0.00	36.96 -1.32 0.00	31.28 -1.09 0.00	30.63 -1.07 0.00	27.73 -0.98 0.00	21.77 -0.51 0.00	31.44 -0.44 0.00
SITHE____STERLING 23777	41.78 1.26 0.00	39.91 1.11 0.00	34.44 0.99 0.00	32.38 0.93 0.00	31.00 0.92 0.00	40.42 1.36 0.00	49.98 1.89 0.00	43.19 1.72 0.00	42.71 1.75 0.00	40.07 1.69 0.00	45.84 2.02 0.00	58.91 2.63 0.00	63.63 2.88 0.00	101.20 4.60 0.00	88.73 3.79 0.00	112.98 4.04 0.00	90.93 3.20 0.00	347.90 14.12 0.00	39.78 1.50 0.00	33.62 1.25 0.00	32.84 1.13 0.00	29.97 1.26 0.00	23.19 0.91 0.00	33.00 1.11 0.00
SLEIGHT__34_KV_TB1 80719	41.81 1.29 0.00	39.87 1.08 0.00	34.24 0.79 0.00	32.16 0.71 0.00	30.86 0.78 0.00	40.43 1.38 0.00	50.17 2.08 0.00	43.46 1.99 0.00	43.12 2.17 0.00	40.48 2.10 0.00	46.23 2.41 0.00	59.29 3.00 0.00	63.60 2.85 0.00	101.70 5.10 0.00	89.36 4.42 0.00	113.96 5.03 0.00	92.21 4.48 0.00	358.43 15.75 -8.90	46.81 1.73 -6.80	35.54 1.34 -1.83	39.25 1.24 -6.30	29.86 1.15 0.00	23.12 0.84 0.00	32.84 0.96 0.00
SOUTH CAIRO____GT 23612	43.26 2.74 0.00	41.20 2.40 0.00	35.44 2.00 0.01	33.29 1.87 0.02	32.40 1.75 -0.57	41.27 2.22 0.00	51.06 3.17 0.20	44.34 2.87 0.00	43.65 2.68 0.00	40.35 1.97 0.00	45.61 1.79 0.00	58.53 2.25 0.00	76.62 2.76 -13.11	101.19 4.59 0.00	94.72 4.94 -4.84	123.87 6.38 -8.55	110.92 6.09 -17.11	503.99 27.28 -142.93	151.48 3.18 -110.03	74.22 2.68 -39.17	139.30 2.52 -105.08	30.62 1.91 0.00	23.60 1.32 0.00	33.71 1.82 0.00
SOUTH HAMPTN____IC 23720	45.40 4.88 0.00	43.53 4.73 0.00	37.64 4.16 -0.03	35.15 3.65 -0.05	36.84 3.50 -3.26	42.85 3.79 0.00	52.58 4.11 -0.38	45.42 3.96 0.00	45.42 4.46 0.00	43.59 5.21 0.00	57.76 6.18 -7.75	160.13 7.58 -96.26	346.59 8.05 -277.80	341.32 13.31 -231.41	349.20 12.86 -251.41	304.84 15.13 -180.77	329.93 12.86 -229.34	595.94 48.41 -213.75	318.67 5.09 -275.30	337.04 4.30 -300.37	318.58 4.16 -282.72	88.78 4.06 -56.01	57.15 3.18 -31.69	43.86 4.15 -7.82

SOUTHDOWN_115KV_TB1 355954	41.26 0.74 0.00	39.34 0.54 0.00	33.71 0.26 0.00	31.83 0.38 0.00	30.62 0.54 0.00	40.45 1.40 0.00	50.72 2.64 0.00	43.86 2.39 0.00	43.45 2.49 0.00	40.96 2.58 0.00	46.69 2.87 0.00	59.72 3.43 0.00	63.64 2.89 0.00	102.86 6.26 0.00	88.54 3.60 0.00	112.17 3.23 0.00	89.16 1.43 0.00	349.88 2.00 -14.10	49.12 0.09 -10.76	35.60 0.34 -2.90	42.18 0.52 -9.95	29.72 1.01 0.00	23.17 0.89 0.00	33.05 1.16 0.00
SOUTHOLD_69_KV_BK 2 55809	46.42 5.91 0.00	44.49 5.69 0.00	38.45 4.97 -0.03	35.91 4.41 -0.05	37.57 4.23 -3.26	43.78 4.73 0.00	53.78 5.32 -0.38	46.51 5.04 0.00	46.58 5.62 0.00	44.77 6.39 0.00	59.09 7.51 -7.76	161.94 9.34 -96.32	347.32 8.65 -277.92	342.64 14.34 -231.71	350.97 14.13 -251.91	306.94 16.85 -181.16	331.67 14.27 -229.67	601.66 53.69 -214.19	319.83 5.62 -275.93	338.28 5.15 -300.76	319.76 5.15 -282.91	89.73 4.95 -56.07	57.83 3.85 -31.70	44.75 5.04 -7.82
SOUTHOLD___IC 23719	46.42 5.90 0.00	44.49 5.69 0.00	38.45 4.97 -0.03	35.91 4.41 -0.05	37.56 4.23 -3.26	43.79 4.74 0.00	53.78 5.31 -0.38	46.52 5.06 0.00	46.58 5.62 0.00	44.77 6.39 0.00	59.09 7.51 -7.76	161.94 9.33 -96.32	347.32 8.64 -277.92	342.66 14.35 -231.71	350.97 14.13 -251.91	306.96 16.87 -181.16	331.71 14.30 -229.68	601.70 53.73 -214.19	319.83 5.62 -275.94	338.28 5.16 -300.76	319.77 5.16 -282.91	89.73 4.95 -56.06	57.81 3.83 -31.70	44.74 5.04 -7.82
SPIERFLS_115KV_TB 1 80737	43.37 2.85 0.00	41.24 2.44 0.00	35.36 1.94 0.03	33.22 1.83 0.05	32.56 1.75 -0.72	41.28 2.23 0.00	50.60 2.96 0.44	44.33 2.86 0.00	43.82 2.86 0.00	40.97 2.59 0.00	46.83 3.01 0.00	60.34 4.05 0.00	81.49 4.30 -16.43	103.74 7.15 0.00	97.59 6.58 -6.07	127.41 7.73 -10.74	116.19 6.70 -21.76	623.61 26.56 -263.26	244.76 3.02 -203.47	116.02 2.46 -81.19	251.58 2.49 -217.39	36.23 2.18 -5.35	27.71 1.47 -3.96	34.75 2.05 -0.81
ST LAWRENCE____ 23600	39.24 -1.28 0.00	37.82 -0.98 0.00	32.57 -0.88 0.00	30.66 -0.79 0.00	29.34 -0.74 0.00	38.08 -0.97 0.00	46.54 -1.55 0.00	40.02 -1.45 0.00	39.25 -1.71 0.00	36.57 -1.81 0.00	41.78 -2.04 0.00	53.81 -2.48 0.00	58.16 -2.60 0.00	92.22 -4.38 0.00	80.74 -4.19 0.00	104.31 -4.63 0.00	83.86 -3.87 0.00	319.55 -14.24 0.00	36.74 -1.54 0.00	31.01 -1.36 0.00	30.40 -1.30 0.00	27.52 -1.19 0.00	21.44 -0.85 0.00	30.99 -0.89 0.00
STATE_CA_115KV_115_LB 55624	41.85 1.34 0.00	39.94 1.14 0.00	34.39 0.97 0.03	32.32 0.92 0.05	31.67 0.84 -0.75	39.98 0.93 0.00	48.97 1.31 0.42	42.74 1.28 0.00	42.33 1.37 0.00	39.61 1.23 0.00	45.16 1.33 0.00	57.97 1.69 0.00	79.82 2.03 -17.04	99.83 3.23 0.00	94.53 3.29 -6.30	124.10 4.02 -11.14	113.95 3.67 -22.55	550.59 14.41 -202.39	196.92 1.61 -157.03	103.25 1.40 -69.48	208.09 1.31 -175.08	35.21 1.01 -5.49	27.03 0.69 -4.06	33.60 0.88 -0.83
STATE_ST_34_KV_LOAD 55959	41.59 1.07 0.00	39.63 0.83 0.00	34.19 0.74 0.00	32.10 0.65 0.00	30.83 0.75 0.00	40.30 1.25 0.00	49.78 1.69 0.00	43.02 1.55 0.00	42.66 1.70 0.00	40.08 1.69 0.00	45.76 1.94 0.00	58.70 2.42 0.00	63.02 2.26 0.00	100.66 4.06 0.00	88.66 3.72 0.00	112.89 3.95 0.00	91.31 3.59 0.00	356.72 13.38 -9.55	47.06 1.49 -7.30	35.40 1.06 -1.97	39.45 0.98 -6.77	29.63 0.92 0.00	22.98 0.69 0.00	32.67 0.79 0.00
STATION 5_MISC_HYD 23604	40.91 0.39 0.00	39.02 0.22 0.00	33.43 -0.02 0.00	31.43 -0.02 0.00	30.17 0.09 0.00	39.62 0.57 0.00	49.39 1.31 0.00	42.80 1.33 0.00	42.33 1.37 0.00	39.76 1.38 0.00	45.47 1.65 0.00	58.11 1.83 0.00	62.14 1.39 0.00	99.84 3.24 0.00	87.00 2.06 0.00	111.02 2.09 0.00	88.81 1.08 0.00	344.24 1.54 -8.92	45.32 0.22 -6.82	34.56 0.35 -1.84	38.49 0.47 -6.31	29.32 0.61 0.00	22.78 0.50 0.00	32.41 0.52 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	41.09 0.57 0.00	39.18 0.38 0.00	33.67 0.22 0.00	31.65 0.19 0.00	30.36 0.28 0.00	39.78 0.72 0.00	49.52 1.44 0.00	42.91 1.44 0.00	42.52 1.56 0.00	39.95 1.57 0.00	45.67 1.85 0.00	58.40 2.11 0.00	62.51 1.76 0.00	100.29 3.69 0.00	87.72 2.78 0.00	112.04 3.10 0.00	89.93 2.20 0.00	349.59 6.86 -8.95	45.86 0.75 -6.84	34.90 0.69 -1.84	38.74 0.70 -6.33	29.46 0.75 0.00	22.84 0.56 0.00	32.47 0.59 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	40.69 0.17 0.00	38.80 0.00 0.00	33.26 -0.19 0.00	31.27 -0.18 0.00	30.00 -0.08 0.00	39.37 0.32 0.00	49.07 0.98 0.00	42.53 1.07 0.00	42.04 1.08 0.00	39.49 1.11 0.00	45.16 1.34 0.00	57.79 1.51 0.00	61.81 1.06 0.00	99.31 2.71 0.00	86.60 1.67 0.00	110.63 1.69 0.00	88.50 0.77 0.00	343.36 0.75 -8.83	45.12 0.10 -6.75	34.40 0.22 -1.82	38.25 0.30 -6.25	29.15 0.44 0.00	22.61 0.33 0.00	32.20 0.32 0.00
STA_56___34_KV_BUS2 355983	40.69 0.17 0.00	38.80 0.00 0.00	33.26 -0.19 0.00	31.27 -0.18 0.00	30.00 -0.08 0.00	39.37 0.32 0.00	49.07 0.98 0.00	42.53 1.07 0.00	42.04 1.08 0.00	39.49 1.11 0.00	45.16 1.34 0.00	57.79 1.51 0.00	61.81 1.06 0.00	99.31 2.71 0.00	86.60 1.67 0.00	110.63 1.69 0.00	88.50 0.77 0.00	343.36 0.75 -8.83	45.12 0.10 -6.75	34.40 0.22 -1.82	38.25 0.30 -6.25	29.15 0.44 0.00	22.61 0.33 0.00	32.20 0.32 0.00
STA_67___115KV_BK2 355882	40.78 0.27 0.00	38.91 0.11 0.00	33.34 -0.11 0.00	31.34 -0.11 0.00	30.09 0.01 0.00	39.51 0.46 0.00	49.25 1.16 0.00	42.68 1.21 0.00	42.21 1.24 0.00	39.65 1.26 0.00	45.33 1.50 0.00	57.93 1.64 0.00	61.91 1.16 0.00	99.53 2.93 0.00	86.70 1.76 0.00	110.66 1.72 0.00	88.46 0.73 0.00	343.05 0.35 -8.91	45.17 0.09 -6.81	34.44 0.24 -1.84	38.35 0.34 -6.31	29.21 0.50 0.00	22.68 0.40 0.00	32.32 0.43 0.00
STA_7___115KV_9TRANS 80674	41.19 0.68 0.00	39.27 0.48 0.00	33.65 0.20 0.00	31.62 0.17 0.00	30.35 0.27 0.00	39.87 0.81 0.00	49.69 1.61 0.00	43.08 1.61 0.00	42.62 1.65 0.00	40.03 1.65 0.00	45.76 1.94 0.00	58.50 2.22 0.00	62.58 1.83 0.00	100.57 3.98 0.00	87.62 2.68 0.00	111.88 2.94 0.00	89.51 1.78 0.00	346.97 4.26 -8.92	45.62 0.53 -6.82	34.80 0.60 -1.84	38.73 0.71 -6.31	29.53 0.82 0.00	22.90 0.62 0.00	32.62 0.73 0.00
STA_82___115KV_TB1 80780	40.82 0.30 0.00	38.94 0.14 0.00	33.36 -0.10 0.00	31.37 -0.08 0.00	30.11 0.03 0.00	39.54 0.48 0.00	49.29 1.20 0.00	42.72 1.25 0.00	42.25 1.28 0.00	39.68 1.30 0.00	45.36 1.54 0.00	57.97 1.69 0.00	61.96 1.21 0.00	99.61 3.01 0.00	86.76 1.82 0.00	110.71 1.77 0.00	88.50 0.77 0.00	343.39 0.62 -8.98	45.25 0.12 -6.86	34.47 0.25 -1.85	38.42 0.37 -6.35	29.24 0.53 0.00	22.69 0.41 0.00	32.34 0.46 0.00
STEEL___WIND 323596	40.24 -0.28 0.00	38.39 -0.41 0.00	32.88 -0.57 0.00	30.98 -0.47 0.00	29.80 -0.28 0.00	39.36 0.31 0.00	49.21 1.13 0.00	42.58 1.12 0.00	42.09 1.13 0.00	39.69 1.31 0.00	45.37 1.55 0.00	57.92 1.63 0.00	61.56 0.80 0.00	99.43 2.84 0.00	86.43 1.49 0.00	109.85 0.92 0.00	87.20 -0.54 0.00	341.31 -5.39 -12.92	47.50 -0.61 -9.84	34.77 -0.25 -2.65	40.77 -0.05 -9.11	28.97 0.25 0.00	22.56 0.28 0.00	32.22 0.34 0.00

STEPHTWN_115KV_BK_2 55603	41.80 1.29 0.00	39.87 1.07 0.00	34.38 0.96 0.03	32.27 0.87 0.05	31.69 0.85 -0.75	39.99 0.93 0.00	49.01 1.34 0.41	42.82 1.36 0.00	42.41 1.45 0.00	39.69 1.31 0.00	45.18 1.36 0.00	58.01 1.72 0.00	80.02 2.09 -17.17	99.82 3.22 0.00	94.75 3.47 -6.35	124.39 4.23 -11.23	114.38 3.93 -22.72	527.05 15.32 -177.95	178.31 1.67 -138.36	98.48 1.49 -64.62	191.02 1.37 -157.94	34.99 0.75 -5.53	26.81 0.44 -4.09	33.34 0.61 -0.83
STEBEN_REC_LFGE 323667	40.30 -0.22 0.00	38.37 -0.43 0.00	33.12 -0.34 0.00	31.46 0.01 0.00	30.32 0.24 0.00	39.76 0.71 0.00	49.29 1.20 0.00	43.29 1.82 0.00	42.84 1.88 0.00	40.56 2.18 0.00	46.09 2.27 0.00	58.75 2.47 0.00	62.47 1.72 0.00	100.47 3.88 0.00	87.89 2.96 0.00	111.68 2.74 0.00	87.83 0.10 0.00	351.15 -0.02 -17.39	51.58 0.01 -13.30	36.89 0.94 -3.58	44.90 0.89 -12.30	29.71 0.99 0.00	23.07 0.79 0.00	32.76 0.87 0.00
STONY__BROOK 24151	44.25 3.73 0.00	42.51 3.70 0.00	36.76 3.28 -0.03	34.36 2.87 -0.05	36.06 2.73 -3.26	41.85 2.80 0.00	51.29 2.82 -0.38	44.25 2.79 0.00	44.11 3.15 0.00	42.25 3.87 0.00	60.90 4.52 -12.56	191.26 5.36 -129.62	415.71 6.00 -348.96	456.72 10.03 -350.09	522.96 9.85 -428.17	439.36 11.75 -318.68	445.72 9.92 -348.07	749.78 37.14 -378.86	555.17 3.98 -512.91	467.83 3.21 -432.25	376.18 2.92 -341.56	107.96 2.94 -76.31	59.40 2.39 -34.73	43.52 3.16 -8.47
STURGEON_POOL_HYD 23609	42.62 2.10 0.00	40.62 1.82 0.00	35.10 1.64 -0.01	32.93 1.46 -0.02	31.38 1.30 0.00	40.41 1.36 0.00	49.97 1.74 -0.14	43.43 1.97 0.00	43.42 2.46 0.00	41.01 2.63 0.00	46.96 3.14 0.00	60.29 4.01 0.00	65.23 4.48 0.00	103.90 7.30 0.00	91.99 7.05 0.00	117.89 8.96 0.00	95.16 7.43 0.00	454.58 26.21 -94.59	113.45 2.88 -72.30	54.32 2.49 -19.46	101.34 2.34 -67.29	30.74 2.03 0.00	23.79 1.51 0.00	33.72 1.83 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	42.31 1.80 0.00	40.34 1.53 0.00	34.87 1.40 -0.02	32.75 1.26 -0.04	28.18 1.11 3.01	40.19 1.14 0.00	49.91 1.51 -0.31	43.24 1.77 0.00	43.10 2.13 0.00	40.69 2.31 0.00	46.51 2.69 0.00	59.74 3.46 0.00	-3.15 3.91 67.81	102.98 6.38 0.00	66.03 6.15 25.06	72.33 7.80 44.41	3.62 6.52 90.63	432.69 24.16 -74.74	89.95 2.66 -49.01	-48.84 2.26 83.47	-35.44 2.16 69.30	7.61 1.83 22.93	6.66 1.35 16.97	30.08 1.66 3.47
SWANROAD_115KV_TB1 355699	39.24 -1.28 0.00	37.45 -1.34 0.00	32.01 -1.44 0.00	30.14 -1.31 0.00	29.00 -1.08 0.00	38.33 -0.72 0.00	47.95 -0.14 0.00	41.44 -0.02 0.00	40.97 0.01 0.00	38.55 0.17 0.00	44.15 0.33 0.00	56.26 -0.03 0.00	59.51 -1.24 0.00	96.22 -0.38 0.00	83.34 -1.59 0.00	105.85 -3.08 0.00	84.00 -3.74 0.00	327.72 -17.75 -11.69	45.26 -1.92 -8.91	33.48 -1.29 -2.40	38.94 -1.02 -8.25	28.17 -0.54 0.00	21.94 -0.34 0.00	31.38 -0.50 0.00
SYNERGY__BIOGAS 323694	41.38 0.86 0.00	39.44 0.64 0.00	33.70 0.25 0.00	31.70 0.25 0.00	30.48 0.40 0.00	40.23 1.18 0.00	50.33 2.25 0.00	43.67 2.21 0.00	43.22 2.25 0.00	40.56 2.18 0.00	46.27 2.45 0.00	59.16 2.88 0.00	63.05 2.30 0.00	101.65 5.05 0.00	87.24 2.30 0.00	110.41 1.47 0.00	87.52 -0.21 0.00	339.90 -4.53 -10.65	46.05 -0.31 -8.08	34.74 0.20 -2.17	40.00 0.82 -7.47	29.70 0.99 0.00	23.08 0.80 0.00	32.84 0.96 0.00
SYRACUSE__ENERGY_ST1 323597	40.61 0.09 0.00	38.78 -0.02 0.00	33.41 -0.04 0.00	31.39 -0.06 0.00	30.07 -0.01 0.00	39.19 0.14 0.00	48.53 0.44 0.00	41.94 0.47 0.00	41.52 0.55 0.00	38.97 0.59 0.00	44.51 0.69 0.00	57.10 0.82 0.00	61.46 0.71 0.00	98.01 1.41 0.00	86.09 1.15 0.00	110.08 1.15 0.00	88.72 0.99 0.00	336.86 3.08 0.00	38.58 0.31 0.00	32.64 0.27 0.00	31.90 0.19 0.00	28.93 0.21 0.00	22.46 0.17 0.00	32.01 0.13 0.00
SYRACUSE__ENERGY_ST2 323598	40.61 0.09 0.00	38.78 -0.02 0.00	33.41 -0.04 0.00	31.39 -0.06 0.00	30.07 -0.01 0.00	39.19 0.14 0.00	48.53 0.44 0.00	41.94 0.47 0.00	41.52 0.55 0.00	38.97 0.59 0.00	44.51 0.69 0.00	57.10 0.82 0.00	61.46 0.71 0.00	98.01 1.41 0.00	86.09 1.15 0.00	110.08 1.15 0.00	88.72 0.99 0.00	336.86 3.08 0.00	38.58 0.31 0.00	32.64 0.27 0.00	31.90 0.19 0.00	28.93 0.21 0.00	22.46 0.17 0.00	32.01 0.13 0.00
SYRACUSE__POWER 24017	40.76 0.24 0.00	38.94 0.14 0.00	33.54 0.08 0.00	31.52 0.07 0.00	30.18 0.10 0.00	39.34 0.28 0.00	48.73 0.64 0.00	42.12 0.65 0.00	41.70 0.74 0.00	39.14 0.76 0.00	44.68 0.86 0.00	57.36 1.08 0.00	61.78 1.02 0.00	98.51 1.91 0.00	86.55 1.61 0.00	110.72 1.79 0.00	89.19 1.46 0.00	346.10 4.84 -7.47	44.49 0.51 -5.71	34.33 0.43 -1.54	37.39 0.38 -5.30	29.10 0.39 0.00	22.56 0.28 0.00	32.09 0.20 0.00
TALLMAN__138KV_BK151 55660	42.51 2.00 0.00	40.51 1.71 0.00	35.05 1.57 -0.02	32.90 1.41 -0.04	27.18 1.23 4.14	40.32 1.27 0.00	50.10 1.67 -0.34	43.45 1.99 0.00	43.35 2.39 0.00	41.02 2.64 0.00	46.92 3.10 0.00	60.24 3.95 0.00	-28.16 4.48 93.39	103.88 7.28 0.00	57.40 6.97 34.51	56.59 8.80 61.14	-29.67 7.27 124.66	438.22 27.04 -77.40	89.99 2.98 -48.73	-76.57 2.52 111.45	-72.58 2.46 106.74	0.11 2.08 30.69	1.10 1.54 22.72	29.16 1.91 4.64
TEALLAVE_115KV_TB7 355573	40.56 0.05 0.00	38.74 -0.06 0.00	33.37 -0.09 0.00	31.37 -0.08 0.00	30.03 -0.05 0.00	39.15 0.10 0.00	48.49 0.41 0.00	41.92 0.45 0.00	41.50 0.54 0.00	38.96 0.58 0.00	44.50 0.67 0.00	57.12 0.83 0.00	61.49 0.74 0.00	98.09 1.49 0.00	86.17 1.23 0.00	110.18 1.24 0.00	88.68 0.95 0.00	336.58 2.79 0.00	38.55 0.28 0.00	32.62 0.25 0.00	31.92 0.21 0.00	28.96 0.24 0.00	22.46 0.18 0.00	31.92 0.03 0.00
TELGRAPH_34_KV_EAST 80808	40.27 -0.24 0.00	38.41 -0.39 0.00	32.83 -0.62 0.00	30.90 -0.55 0.00	29.73 -0.36 0.00	39.26 0.21 0.00	49.12 1.03 0.00	42.52 1.06 0.00	42.08 1.12 0.00	39.54 1.16 0.00	45.20 1.38 0.00	57.72 1.44 0.00	61.28 0.53 0.00	98.94 2.35 0.00	85.59 0.65 0.00	108.89 -0.05 0.00	86.45 -1.28 0.00	336.38 -8.47 -11.07	45.78 -0.92 -8.43	34.19 -0.45 -2.27	39.36 -0.15 -7.80	28.90 0.19 0.00	22.47 0.19 0.00	32.09 0.21 0.00
TEMPLE__115KV_TB 2 55572	40.60 0.09 0.00	38.78 -0.02 0.00	33.40 -0.05 0.00	31.39 -0.06 0.00	30.05 -0.03 0.00	39.18 0.13 0.00	48.54 0.45 0.00	41.96 0.49 0.00	41.54 0.58 0.00	39.00 0.62 0.00	44.54 0.72 0.00	57.18 0.89 0.00	61.56 0.80 0.00	98.20 1.60 0.00	86.26 1.32 0.00	110.34 1.40 0.00	88.79 1.06 0.00	336.96 3.18 0.00	38.59 0.32 0.00	32.65 0.28 0.00	31.95 0.25 0.00	28.99 0.27 0.00	22.48 0.20 0.00	31.94 0.06 0.00
TIANA__69_KV_BK 1 55817	45.14 4.62 0.00	43.29 4.49 0.00	37.43 3.95 -0.03	34.96 3.46 -0.05	36.68 3.34 -3.26	42.59 3.54 0.00	52.27 3.81 -0.38	45.13 3.67 0.00	45.13 4.16 0.00	43.28 4.90 0.00	57.44 5.86 -7.76	159.73 7.14 -96.31	346.30 7.65 -277.90	340.88 12.63 -231.65	348.97 12.21 -251.82	304.34 14.31 -181.09	329.56 12.22 -229.61	593.91 46.02 -214.11	318.95 4.86 -275.82	337.14 4.08 -300.69	318.50 3.92 -282.87	88.63 3.86 -56.05	57.01 3.03 -31.69	43.65 3.94 -7.82

TILDEN___115KV_TB1 80814	40.76 0.24 0.00	38.94 0.14 0.00	33.54 0.08 0.00	31.52 0.07 0.00	30.18 0.10 0.00	39.34 0.28 0.00	48.73 0.64 0.00	42.12 0.65 0.00	41.70 0.74 0.00	39.14 0.76 0.00	44.68 0.86 0.00	57.36 1.08 0.00	61.78 1.02 0.00	98.51 1.91 0.00	86.55 1.61 0.00	110.72 1.79 0.00	89.19 1.46 0.00	346.10 4.84 -7.47	44.49 0.51 -5.71	34.33 0.43 -1.54	37.39 0.38 -5.30	29.10 0.39 0.00	22.56 0.28 0.00	32.09 0.20 0.00
TRIGEN___CC 323695	43.42 2.91 0.00	41.48 2.68 0.00	35.86 2.38 -0.03	33.62 2.13 -0.05	35.30 1.97 -3.26	41.05 2.00 0.00	50.58 2.12 -0.38	43.69 2.22 0.00	43.62 2.65 0.00	41.56 3.18 0.00	47.71 3.73 -0.15	60.87 4.58 0.00	139.80 5.17 -73.87	105.17 8.57 0.00	142.69 8.53 -49.23	167.70 10.44 -48.32	194.64 8.81 -98.09	448.50 32.93 -81.79	115.00 3.51 -73.21	166.40 2.85 -131.18	229.60 2.70 -195.20	63.67 2.58 -32.38	47.47 1.97 -23.22	38.20 2.51 -3.80
TRINITY__115KV__4 BK 55933	41.63 1.11 0.00	39.73 0.93 0.00	34.23 0.80 0.03	32.16 0.76 0.05	31.52 0.69 -0.75	39.78 0.73 0.00	48.72 1.05 0.42	42.50 1.04 0.00	42.08 1.12 0.00	39.36 0.98 0.00	44.84 1.02 0.00	57.56 1.27 0.00	79.51 1.56 -17.20	99.03 2.43 0.00	93.88 2.59 -6.35	123.29 3.10 -11.24	113.39 2.91 -22.75	526.98 11.57 -181.62	180.76 1.31 -141.17	98.95 1.16 -65.42	193.38 1.08 -160.59	35.08 0.83 -5.54	26.93 0.55 -4.10	33.43 0.71 -0.84
UNION___PROCESSING_DRP 323587	40.83 0.31 0.00	38.95 0.15 0.00	33.38 -0.07 0.00	31.37 -0.08 0.00	30.12 0.04 0.00	39.55 0.50 0.00	49.31 1.22 0.00	42.73 1.27 0.00	42.26 1.30 0.00	39.71 1.32 0.00	45.40 1.57 0.00	58.00 1.72 0.00	61.98 1.23 0.00	99.65 3.05 0.00	86.80 1.86 0.00	110.77 1.83 0.00	88.55 0.82 0.00	343.56 0.79 -8.99	45.27 0.13 -6.87	34.49 0.27 -1.85	38.45 0.38 -6.36	29.25 0.54 0.00	22.71 0.43 0.00	32.36 0.47 0.00
UPPER HUDSON___HYD 24058	43.37 2.85 0.00	41.24 2.44 0.00	35.36 1.93 0.03	33.22 1.83 0.05	32.56 1.75 -0.72	41.28 2.23 0.00	50.60 2.96 0.44	44.32 2.86 0.00	43.82 2.86 0.00	40.97 2.59 0.00	46.83 3.01 0.00	60.34 4.05 0.00	81.49 4.31 -16.43	103.74 7.15 0.00	97.59 6.59 -6.07	127.41 7.73 -10.74	116.20 6.71 -21.76	623.62 26.57 -263.26	244.76 3.02 -203.47	116.02 2.46 -81.19	251.58 2.49 -217.39	36.23 2.17 -5.35	27.71 1.47 -3.96	34.75 2.05 -0.81
UPPER RAQUET___HYD 24056	38.49 -2.02 0.00	37.22 -1.58 0.00	31.89 -1.56 0.00	30.10 -1.35 0.00	28.81 -1.28 0.00	37.45 -1.60 0.00	45.43 -2.65 0.00	39.45 -2.01 0.00	38.70 -2.26 0.00	35.66 -2.72 0.00	40.74 -3.08 0.00	52.52 -3.77 0.00	56.83 -3.92 0.00	89.72 -6.88 0.00	78.53 -6.40 0.00	101.03 -7.91 0.00	81.14 -6.59 0.00	310.89 -22.90 0.00	35.91 -2.37 0.00	30.35 -2.02 0.00	29.65 -2.06 0.00	26.89 -1.82 0.00	21.16 -1.12 0.00	30.55 -1.34 0.00
VALLEY44_115KV_TB2 355964	39.73 -0.79 0.00	37.99 -0.81 0.00	32.73 -0.72 0.00	30.91 -0.54 0.00	29.75 -0.33 0.00	39.19 0.14 0.00	48.92 0.83 0.00	42.37 0.90 0.00	42.06 1.10 0.00	39.64 1.26 0.00	45.03 1.20 0.00	57.33 1.04 0.00	60.83 0.08 0.00	97.97 1.37 0.00	85.24 0.30 0.00	108.22 -0.72 0.00	86.24 -1.49 0.00	340.31 -8.06 -14.59	48.52 -0.89 -11.14	34.88 -0.48 -3.00	41.68 -0.33 -10.30	28.62 -0.09 0.00	22.37 0.09 0.00	32.03 0.14 0.00
VALLEY___115KV_TB 1-4 80826	41.32 0.80 0.00	39.38 0.58 0.00	33.88 0.43 0.00	31.84 0.39 0.00	30.49 0.41 0.00	39.52 0.47 0.00	48.82 0.73 0.00	42.19 0.72 0.00	41.71 0.75 0.00	39.03 0.65 0.00	44.56 0.74 0.00	57.32 1.04 0.00	62.10 1.34 0.00	98.88 2.28 0.00	87.06 2.12 0.00	111.05 2.12 0.00	90.09 2.36 0.00	344.65 10.86 0.00	39.36 1.08 0.00	33.03 0.66 0.00	32.67 0.97 0.00	29.53 0.82 0.00	22.75 0.47 0.00	32.25 0.36 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	42.30 1.78 0.00	40.41 1.61 0.00	34.85 1.40 0.00	32.77 1.31 0.00	31.34 1.26 0.00	40.67 1.62 0.00	50.27 2.19 0.00	43.50 2.03 0.00	43.09 2.13 0.00	40.34 1.96 0.00	46.10 2.28 0.00	59.18 2.90 0.00	63.84 3.08 0.00	101.62 5.02 0.00	89.41 4.47 0.00	114.41 5.48 0.00	92.45 4.72 0.00	409.76 17.40 -58.57	85.01 1.96 -44.77	46.17 1.75 -12.05	74.95 1.68 -41.56	30.19 1.48 0.00	23.36 1.08 0.00	33.24 1.35 0.00
VISCHER___FERRY HYD 24020	42.46 1.95 0.00	40.52 1.72 0.00	34.87 1.46 0.04	32.76 1.38 0.07	32.15 1.30 -0.77	40.58 1.53 0.00	49.57 2.06 0.58	43.34 1.88 0.00	42.89 1.93 0.00	40.11 1.73 0.00	45.75 1.93 0.00	58.76 2.47 0.00	81.01 2.83 -17.43	101.06 4.46 0.00	95.65 4.27 -6.44	125.49 5.16 -11.39	115.36 4.55 -23.07	584.05 18.19 -232.08	220.20 2.13 -179.79	110.76 1.82 -76.58	230.64 1.77 -197.16	35.88 1.50 -5.66	27.52 1.05 -4.19	34.16 1.42 -0.86
V_A_10_SYNC_DSASP 323832	39.76 -0.76 0.00	37.97 -0.83 0.00	32.52 -0.93 0.00	30.62 -0.83 0.00	29.43 -0.65 0.00	38.77 -0.28 0.00	48.41 0.32 0.00	41.89 0.42 0.00	41.41 0.45 0.00	38.94 0.56 0.00	44.56 0.74 0.00	56.81 0.53 0.00	60.39 -0.36 0.00	97.34 0.74 0.00	84.57 -0.36 0.00	107.62 -1.32 0.00	85.57 -2.16 0.00	333.03 -11.00 -10.25	44.95 -1.17 -7.84	33.72 -0.76 -2.11	38.40 -0.57 -7.26	28.51 -0.20 0.00	22.22 -0.06 0.00	31.73 -0.15 0.00
V_CMM_10_SYNC_DSASP 323787	39.41 -1.11 0.00	37.98 -0.82 0.00	32.71 -0.74 0.00	30.79 -0.66 0.00	29.46 -0.62 0.00	38.26 -0.79 0.00	46.75 -1.33 0.00	40.20 -1.27 0.00	39.44 -1.53 0.00	36.74 -1.64 0.00	41.97 -1.85 0.00	54.07 -2.22 0.00	58.42 -2.33 0.00	92.67 -3.93 0.00	81.12 -3.81 0.00	104.82 -4.11 0.00	84.23 -3.50 0.00	321.05 -12.73 0.00	36.91 -1.36 0.00	31.16 -1.21 0.00	30.54 -1.16 0.00	27.64 -1.07 0.00	21.53 -0.76 0.00	31.12 -0.76 0.00
V_CMP_10_SYNC_DSASP 323788	39.58 -0.94 0.00	38.20 -0.60 0.00	32.91 -0.54 0.00	31.06 -0.39 0.00	29.82 -0.26 0.00	38.60 -0.46 0.00	47.24 -0.84 0.00	40.60 -0.87 0.00	40.03 -0.93 0.00	37.25 -1.13 0.00	42.35 -1.48 0.00	54.48 -1.80 0.00	59.19 -1.56 0.00	94.40 -2.20 0.00	82.19 -2.75 0.00	106.53 -2.41 0.00	85.82 -1.91 0.00	327.56 -6.22 0.00	37.56 -0.71 0.00	31.73 -0.64 0.00	31.08 -0.63 0.00	28.00 -0.71 0.00	21.47 -0.81 0.00	31.23 -0.66 0.00
V_E_10_SYNC_DSASP 323830	43.67 3.15 0.00	41.84 3.04 0.00	36.19 2.73 0.00	33.98 2.53 0.00	32.60 2.52 0.00	42.65 3.60 0.00	53.04 4.96 0.00	45.99 4.53 0.00	45.07 4.11 0.00	42.21 3.83 0.00	48.09 4.26 0.00	61.60 5.32 0.00	66.53 5.77 0.00	106.03 9.43 0.00	93.39 8.46 0.00	120.16 11.22 0.00	97.69 9.96 0.00	405.49 39.61 -32.10	67.13 4.33 -24.53	42.30 3.32 -6.61	57.71 3.27 -22.74	31.58 2.87 0.00	24.26 1.98 0.00	34.31 2.43 0.00
V_F_30_NSYNC___DSASP 323816	43.24 2.72 0.00	41.20 2.41 0.00	35.43 2.01 0.03	33.28 1.89 0.06	32.61 1.80 -0.73	41.30 2.24 0.00	50.59 2.97 0.47	44.22 2.76 0.00	43.74 2.78 0.00	40.91 2.53 0.00	46.73 2.91 0.00	60.11 3.82 0.00	81.60 4.27 -16.58	103.50 6.90 0.00	97.45 6.39 -6.13	127.65 7.87 -10.84	116.41 6.72 -21.96	619.52 26.26 -259.47	241.89 3.01 -200.60	115.56 2.51 -80.68	249.12 2.43 -214.99	36.20 2.09 -5.39	27.75 1.47 -3.99	34.72 2.02 -0.81

V_F_30_SYNC_DSASP 323786	41.85 1.33 0.00	39.94 1.13 0.00	34.39 0.97 0.03	32.32 0.92 0.05	31.67 0.84 -0.75	39.98 0.93 0.00	48.97 1.31 0.42	42.74 1.27 0.00	42.32 1.36 0.00	39.61 1.23 0.00	45.15 1.33 0.00	57.96 1.68 0.00	79.83 2.02 -17.05	99.80 3.20 0.00	94.51 3.27 -6.30	124.09 4.01 -11.15	113.94 3.64 -22.57	548.84 14.36 -200.70	195.63 1.61 -155.74	102.91 1.40 -69.15	206.91 1.31 -173.90	35.21 1.01 -5.49	27.03 0.68 -4.07	33.59 0.88 -0.83
V_XM_10_SYNC_DSASP 323789	39.58 -0.94 0.00	38.20 -0.60 0.00	32.91 -0.54 0.00	31.06 -0.39 0.00	29.82 -0.26 0.00	38.60 -0.46 0.00	47.24 -0.84 0.00	40.60 -0.87 0.00	40.03 -0.93 0.00	37.25 -1.13 0.00	42.35 -1.48 0.00	54.48 -1.80 0.00	59.19 -1.56 0.00	94.40 -2.20 0.00	82.19 -2.75 0.00	106.53 -2.41 0.00	85.82 -1.91 0.00	327.56 -6.22 0.00	37.56 -0.71 0.00	31.73 -0.64 0.00	31.08 -0.63 0.00	28.00 -0.71 0.00	21.47 -0.81 0.00	31.23 -0.66 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	42.65 2.13 0.00	40.63 1.83 0.00	35.16 1.68 -0.03	33.01 1.51 -0.04	26.98 1.33 4.42	40.46 1.40 0.00	50.27 1.84 -0.34	43.59 2.13 0.00	43.52 2.55 0.00	41.16 2.78 0.00	47.07 3.25 0.00	60.46 4.18 0.00	-34.46 4.72 99.93	104.28 7.68 0.00	55.35 7.34 36.93	52.81 9.30 65.42	-37.97 7.67 133.37	440.31 28.53 -77.99	90.31 3.14 -48.90	-79.94 2.66 114.97	-74.10 2.60 108.41	-0.34 2.20 31.25	0.77 1.62 23.13	29.19 2.02 4.72
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	43.00 2.49 0.00	41.03 2.23 0.00	35.54 2.06 -0.03	33.36 1.86 -0.05	35.07 1.70 -3.28	40.89 1.83 0.00	50.73 2.27 -0.38	43.94 2.48 0.00	43.94 2.98 0.00	41.63 3.25 0.00	47.57 3.75 0.00	61.05 4.77 0.00	140.68 5.42 -74.51	105.33 8.73 0.00	120.78 8.31 -27.53	168.22 10.54 -48.74	195.40 8.73 -98.94	448.05 32.51 -81.75	113.11 3.53 -71.31	167.11 2.91 -131.83	230.74 2.84 -196.19	56.47 2.42 -25.34	42.86 1.82 -18.76	38.12 2.40 -3.83
W50THST__13_KV_LOAD 356117	43.27 2.76 0.00	41.29 2.49 0.00	35.75 2.27 -0.03	33.56 2.07 -0.05	35.28 1.92 -3.28	41.21 2.16 0.00	51.16 2.69 -0.38	44.32 2.85 0.00	44.32 3.36 0.00	42.01 3.63 0.00	48.03 4.20 0.00	61.62 5.33 0.00	141.29 6.02 -74.51	106.31 9.71 0.00	121.61 9.14 -27.53	169.28 11.60 -48.74	196.25 9.58 -98.94	451.22 35.68 -81.75	113.43 3.85 -71.31	167.36 3.16 -131.83	230.97 3.08 -196.19	56.67 2.62 -25.34	43.01 1.97 -18.76	38.32 2.60 -3.83
WADING RIVER_IC_1 23522	44.65 4.13 0.00	42.84 4.03 0.00	37.06 3.59 -0.03	34.61 3.11 -0.05	36.33 2.99 -3.26	42.17 3.11 0.00	51.73 3.27 -0.38	44.65 3.18 0.00	44.55 3.59 0.00	42.67 4.29 0.00	56.60 5.09 -7.68	158.34 6.06 -96.00	344.52 6.54 -277.22	337.24 10.71 -229.93	344.13 10.38 -248.82	299.45 11.72 -178.79	325.50 10.18 -227.59	583.64 38.39 -211.47	314.27 4.01 -271.98	334.17 3.43 -298.37	316.74 3.38 -281.65	87.82 3.41 -55.70	56.63 2.70 -31.65	43.22 3.52 -7.81
WADING RIVER_IC_2 23547	44.65 4.13 0.00	42.84 4.03 0.00	37.06 3.59 -0.03	34.61 3.11 -0.05	36.33 2.99 -3.26	42.17 3.11 0.00	51.73 3.27 -0.38	44.65 3.18 0.00	44.55 3.59 0.00	42.67 4.29 0.00	56.60 5.09 -7.68	158.34 6.06 -96.00	344.52 6.54 -277.22	337.24 10.71 -229.93	344.13 10.38 -248.82	299.45 11.72 -178.79	325.50 10.18 -227.59	583.64 38.39 -211.47	314.27 4.01 -271.98	334.17 3.43 -298.37	316.74 3.38 -281.65	87.82 3.41 -55.70	56.63 2.70 -31.65	43.22 3.52 -7.81
WADING RIVER_IC_3 23601	44.65 4.13 0.00	42.84 4.03 0.00	37.06 3.59 -0.03	34.61 3.11 -0.05	36.33 2.99 -3.26	42.17 3.11 0.00	51.73 3.27 -0.38	44.65 3.18 0.00	44.55 3.59 0.00	42.67 4.29 0.00	56.60 5.09 -7.68	158.34 6.06 -96.00	344.52 6.54 -277.22	337.24 10.71 -229.93	344.13 10.38 -248.82	299.45 11.72 -178.79	325.50 10.18 -227.59	583.64 38.39 -211.47	314.27 4.01 -271.98	334.17 3.43 -298.37	316.74 3.38 -281.65	87.82 3.41 -55.70	56.63 2.70 -31.65	43.22 3.52 -7.81
WALDENNY_12_KV_BK2 80841	40.31 -0.20 0.00	38.46 -0.34 0.00	32.91 -0.54 0.00	31.02 -0.44 0.00	29.84 -0.24 0.00	39.42 0.37 0.00	49.30 1.21 0.00	42.63 1.16 0.00	42.17 1.21 0.00	39.77 1.39 0.00	45.49 1.67 0.00	58.05 1.77 0.00	61.67 0.91 0.00	99.76 3.16 0.00	86.61 1.67 0.00	110.12 1.18 0.00	87.37 -0.36 0.00	341.78 -4.79 -12.78	47.49 -0.52 -9.74	34.82 -0.17 -2.62	40.76 0.04 -9.02	29.04 0.33 0.00	22.59 0.31 0.00	32.27 0.39 0.00
WALDEN__HYDRO 24148	42.82 2.30 0.00	40.79 1.99 0.00	35.24 1.76 -0.02	33.08 1.59 -0.03	30.76 1.42 0.75	40.63 1.58 0.00	50.45 2.08 -0.28	43.73 2.26 0.00	43.58 2.62 0.00	41.06 2.68 0.00	46.93 3.11 0.00	60.24 3.95 0.00	48.55 4.46 16.66	103.89 7.29 0.00	85.83 7.05 6.16	106.98 8.98 10.93	73.02 7.86 22.57	442.48 29.38 -79.31	100.14 3.32 -58.55	28.59 2.82 6.60	63.29 2.49 -29.10	25.71 2.09 5.09	20.04 1.53 3.77	33.03 1.92 0.77
WARRENSBURG____ 23737	43.37 2.85 0.00	41.24 2.44 0.00	35.36 1.93 0.03	33.22 1.83 0.05	32.56 1.75 -0.72	41.28 2.23 0.00	50.60 2.96 0.44	44.32 2.86 0.00	43.82 2.86 0.00	40.97 2.59 0.00	46.83 3.01 0.00	60.34 4.05 0.00	81.49 4.31 -16.43	103.74 7.15 0.00	97.59 6.59 -6.07	127.41 7.73 -10.74	116.20 6.71 -21.76	623.62 26.57 -263.26	244.76 3.02 -203.47	116.02 2.46 -81.19	251.58 2.49 -217.39	36.23 2.17 -5.35	27.71 1.47 -3.96	34.75 2.05 -0.81
WATERSIDE____6 8 9 23538	42.33 2.39 0.58	40.90 2.13 0.03	35.44 1.99 0.00	33.30 1.81 -0.05	35.05 1.69 -3.28	40.86 1.81 0.00	50.61 2.15 -0.38	43.83 2.37 0.00	43.84 2.87 0.00	38.05 3.15 3.48	47.41 3.59 0.00	56.27 4.60 4.61	137.90 5.25 -71.89	104.74 8.29 0.14	120.39 7.93 -27.52	167.67 10.01 -48.71	195.00 8.38 -98.89	446.81 31.27 -81.76	112.93 3.35 -71.31	150.27 2.75 -115.15	202.78 2.68 -168.39	62.46 2.32 -31.42	44.24 1.77 -20.20	37.31 2.36 -3.07
WATKINRD_115KV_LN8_ILLION 55919	41.12 0.60 0.00	39.24 0.45 0.00	33.80 0.35 0.00	31.78 0.33 0.00	30.41 0.33 0.00	39.44 0.39 0.00	48.66 0.58 0.00	42.03 0.56 0.00	41.55 0.58 0.00	38.91 0.52 0.00	44.41 0.58 0.00	57.06 0.78 0.00	61.76 1.00 0.00	98.31 1.71 0.00	86.60 1.66 0.00	110.67 1.73 0.00	89.54 1.81 0.00	342.08 8.30 0.00	39.13 0.85 0.00	33.04 0.67 0.00	32.46 0.75 0.00	29.32 0.61 0.00	22.64 0.36 0.00	32.20 0.32 0.00
WATSON__69_KV_BK 1 55734	44.62 4.10 0.00	42.76 3.96 0.00	36.96 3.49 -0.03	34.58 3.08 -0.05	36.27 2.94 -3.26	42.12 3.07 0.00	51.68 3.22 -0.38	44.60 3.14 0.00	44.51 3.55 0.00	42.63 4.25 0.00	53.03 5.08 -4.12	110.75 6.01 -48.45	244.05 6.75 -176.54	226.83 11.26 -118.98	252.60 11.03 -156.63	241.62 13.27 -119.40	266.87 11.21 -167.93	529.62 42.28 -153.56	225.45 4.57 -182.61	256.52 3.69 -220.47	275.92 3.40 -240.81	74.32 3.33 -42.27	53.83 2.64 -28.91	42.99 3.49 -7.62
WDELAWARE__HYD 323627	42.19 1.67 0.00	40.19 1.40 0.00	34.70 1.24 -0.01	32.57 1.10 -0.02	30.58 0.97 0.47	40.05 1.00 0.00	49.64 1.37 -0.18	43.12 1.65 0.00	43.17 2.21 0.00	40.68 2.30 0.00	46.50 2.68 0.00	59.43 3.14 0.00	63.08 2.33 0.00	100.65 4.05 0.00	89.12 4.19 0.00	113.31 5.47 1.09	78.14 4.56 14.15	425.29 16.31 -75.20	96.79 1.76 -56.76	41.85 1.48 -8.00	84.13 1.26 -51.18	29.74 1.03 0.00	22.97 0.69 0.00	32.67 0.78 0.00

WEST BABYLON___IC 23714	44.39 3.87 0.00	42.51 3.71 0.00	36.75 3.27 -0.03	34.40 2.90 -0.05	36.08 2.75 -3.26	41.86 2.81 0.00	51.38 2.91 -0.38	44.32 2.86 0.00	44.23 3.26 0.00	42.31 3.93 0.00	49.56 4.70 -1.04	73.53 5.62 -11.63	165.57 6.32 -98.49	134.59 10.58 -27.40	164.13 10.41 -68.79	180.73 12.53 -59.27	208.51 10.61 -110.17	465.21 40.02 -91.40	131.42 4.29 -88.86	184.77 3.46 -148.95	240.22 3.23 -205.29	62.73 3.14 -30.88	47.83 2.49 -23.06	40.38 3.30 -5.19
WEST CANADA___HYD 24049	40.78 0.27 0.00	39.00 0.20 0.00	33.65 0.20 0.00	31.63 0.18 0.00	30.25 0.16 0.00	39.26 0.21 0.00	48.39 0.30 0.00	41.75 0.29 0.00	41.29 0.33 0.00	38.71 0.33 0.00	44.20 0.37 0.00	56.78 0.50 0.00	61.33 0.58 0.00	97.54 0.94 0.00	85.83 0.89 0.00	109.86 0.93 0.00	88.57 0.84 0.00	337.16 3.38 0.00	38.65 0.38 0.00	32.67 0.31 0.00	31.97 0.26 0.00	28.97 0.26 0.00	22.43 0.15 0.00	32.05 0.16 0.00
WESTERN_NY_WIND 24143	41.32 0.80 0.00	39.37 0.57 0.00	33.65 0.19 0.00	31.66 0.20 0.00	30.43 0.35 0.00	40.18 1.13 0.00	50.27 2.19 0.00	43.62 2.15 0.00	43.15 2.19 0.00	40.50 2.12 0.00	46.21 2.39 0.00	59.08 2.80 0.00	62.94 2.18 0.00	101.50 4.90 0.00	87.19 2.25 0.00	110.45 1.51 0.00	87.51 -0.22 0.00	339.88 -4.71 -10.81	46.15 -0.32 -8.20	34.76 0.19 -2.20	40.04 0.76 -7.57	29.66 0.95 0.00	23.03 0.75 0.00	32.80 0.91 0.00
WESTOVER___LESR 323668	40.98 0.46 0.00	39.15 0.35 0.00	33.76 0.31 0.00	31.81 0.37 0.00	30.49 0.41 0.00	39.77 0.72 0.00	49.23 1.14 0.00	42.57 1.10 0.00	42.18 1.22 0.00	39.61 1.23 0.00	45.09 1.26 0.00	57.89 1.61 0.00	62.26 1.51 0.00	99.43 2.83 0.00	87.50 2.57 0.00	111.70 2.77 0.00	89.93 2.20 0.00	368.62 7.84 -26.99	59.70 0.80 -20.63	38.67 0.75 -5.56	51.47 0.68 -19.09	29.35 0.64 0.00	22.77 0.49 0.00	32.43 0.54 0.00
WETHRSFD_WT_PWR 323626	39.89 -0.62 0.00	38.04 -0.75 0.00	32.74 -0.71 0.00	30.96 -0.49 0.00	29.80 -0.28 0.00	39.26 0.21 0.00	48.83 0.74 0.00	42.38 0.91 0.00	41.85 0.88 0.00	39.47 1.09 0.00	44.97 1.15 0.00	57.44 1.15 0.00	61.20 0.44 0.00	98.62 2.02 0.00	85.99 1.05 0.00	109.27 0.34 0.00	86.68 -1.05 0.00	341.49 -6.88 -14.58	48.64 -0.77 -11.14	35.16 -0.21 -3.00	41.96 -0.05 -10.31	28.93 0.22 0.00	22.50 0.22 0.00	32.04 0.16 0.00
WHAVSTOR_138KV_BK127 55557	42.43 1.91 0.00	40.44 1.64 0.00	34.99 1.51 -0.03	32.85 1.36 -0.04	26.79 1.19 4.48	40.26 1.21 0.00	50.01 1.58 -0.35	43.35 1.89 0.00	43.25 2.29 0.00	40.90 2.52 0.00	46.77 2.95 0.00	60.04 3.76 101.21	-36.18 4.28 0.00	103.52 6.92 0.00	54.22 6.68 37.40	51.08 8.41 66.27	-40.38 6.98 135.08	437.82 25.93 -78.11	90.07 2.86 -48.93	-80.84 2.44 115.66	-74.61 2.40 108.72	-0.62 2.02 31.36	0.55 1.49 23.21	28.99 1.84 4.74
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	42.43 1.91 0.00	40.44 1.64 0.00	34.99 1.51 -0.03	32.85 1.36 -0.04	26.79 1.19 4.48	40.26 1.21 0.00	50.01 1.58 -0.35	43.35 1.89 0.00	43.25 2.29 0.00	40.90 2.52 0.00	46.77 2.95 0.00	60.04 3.76 101.21	-36.18 4.28 0.00	103.52 6.92 0.00	54.22 6.68 37.40	51.08 8.41 66.27	-40.38 6.98 135.08	437.82 25.93 -78.11	90.07 2.86 -48.93	-80.84 2.44 115.66	-74.61 2.40 108.72	-0.62 2.02 31.36	0.55 1.49 23.21	28.99 1.84 4.74
WHITEHAL_115KV_TB1 80871	45.13 4.62 0.00	42.64 3.84 0.00	36.20 2.78 0.03	34.13 2.73 0.06	33.52 2.71 -0.72	42.62 3.57 0.00	52.00 4.37 0.45	45.89 4.43 0.00	45.27 4.31 0.00	42.15 3.76 0.00	48.13 4.30 0.00	62.13 5.85 0.00	83.95 6.70 -16.50	107.56 10.96 0.00	100.98 9.95 -6.10	133.33 13.60 -10.79	121.16 11.57 -21.86	640.79 45.58 -261.43	245.56 5.21 -202.08	117.57 4.25 -80.94	252.12 4.19 -216.23	37.48 3.40 -5.37	28.54 2.29 -3.97	36.05 3.36 -0.81
WHITEPLN_13_KV_LOAD 356215	43.09 2.58 0.00	41.08 2.28 0.00	35.53 2.05 -0.03	33.36 1.87 -0.05	35.26 1.69 -3.49	40.91 1.86 0.00	50.82 2.36 -0.38	44.02 2.56 0.00	43.95 2.98 0.00	41.60 3.22 0.00	47.60 3.78 0.00	61.11 4.83 0.00	145.38 5.48 -79.15	105.50 8.90 0.00	122.62 8.44 -29.25	171.43 10.71 -51.78	201.75 8.90 -105.12	448.51 33.19 -81.54	113.59 3.64 -71.68	173.88 3.05 -138.46	241.86 2.96 -207.19	58.79 2.52 -27.56	44.56 1.87 -20.40	38.45 2.40 -4.17
WM_FLOYD_69_KV_BK2 356380	44.48 3.97 0.00	42.67 3.88 0.00	36.93 3.45 -0.03	34.49 2.99 -0.05	36.21 2.87 -3.26	42.01 2.95 0.00	51.53 3.06 -0.38	44.46 2.99 0.00	44.37 3.41 0.00	42.47 4.09 0.00	56.86 4.88 -8.16	160.13 5.81 -98.04	348.73 6.36 -281.62	347.51 10.50 -240.42	361.84 10.36 -266.54	313.29 12.07 -192.28	337.67 10.38 -239.56	599.90 39.33 -226.79	336.76 4.18 -294.31	347.82 3.47 -311.98	323.40 3.29 -288.41	89.81 3.30 -57.80	56.82 2.63 -31.91	43.14 3.37 -7.88
WOODARD__115KV_TB2 355635	40.47 -0.05 0.00	38.65 -0.14 0.00	33.30 -0.15 0.00	31.30 -0.15 0.00	29.96 -0.12 0.00	39.05 0.00 0.00	48.36 0.28 0.00	41.79 0.32 0.00	41.37 0.41 0.00	38.83 0.45 0.00	44.35 0.53 0.00	56.92 0.63 0.00	61.29 0.53 0.00	97.74 1.14 0.00	85.86 0.92 0.00	109.83 0.89 0.00	88.39 0.66 0.00	335.57 1.79 0.00	38.44 0.17 0.00	32.52 0.15 0.00	31.82 0.12 0.00	28.87 0.16 0.00	22.40 0.11 0.00	31.83 -0.05 0.00
YORK___WARBASSE 23770	47.03 2.60 -3.92	41.32 2.34 -0.17	35.85 2.19 -0.20	33.50 2.00 -0.05	35.18 1.82 -3.28	41.00 1.95 0.00	50.84 2.37 -0.38	44.10 2.64 0.00	44.09 3.13 0.00	65.18 3.41 -23.38	47.66 3.84 0.00	92.26 4.96 -31.02	158.17 5.66 -91.75	106.10 8.54 -0.97	120.61 8.16 -27.52	167.96 10.31 -48.71	195.34 8.72 -98.89	448.01 32.47 -81.76	113.03 3.45 -71.31	153.01 2.89 -117.76	258.78 2.82 -224.26	88.21 2.43 -57.08	50.44 1.86 -26.29	43.31 2.50 -8.93