

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

07/28/2023

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	50.91	46.80	44.43	42.41	43.48	44.36	45.23	50.08	55.30	58.75	73.35	88.34	105.36	131.32	137.88	209.90	237.08	254.30	219.58	193.56	151.22	95.48	77.90	58.45
24138	3.43	3.40	3.19	2.67	2.62	3.02	3.31	3.93	4.62	5.03	6.00	8.04	10.68	14.11	12.87	22.86	23.96	26.23	22.88	16.59	10.61	7.01	5.69	3.68
	-4.02	-1.45	-3.25	-6.77	-8.11	-4.10	-2.08	-2.96	-4.08	-6.29	-12.29	-7.23	-0.19	-0.56	-14.98	-12.47	-30.14	-26.23	-12.13	-30.11	-30.13	-9.68	-12.30	-8.11
74TH STREET_GT_1	50.91	46.84	44.47	42.44	43.51	44.36	45.15	50.04	55.21	58.56	73.19	87.98	104.99	130.86	137.45	209.73	236.72	253.30	219.03	193.12	151.11	95.49	77.90	58.36
24260	3.43	3.44	3.23	2.70	2.65	3.02	3.23	3.89	4.52	4.84	5.84	7.67	10.30	13.65	12.43	22.69	23.60	25.23	22.33	16.15	10.50	7.01	5.69	3.59
	-4.02	-1.45	-3.25	-6.77	-8.11	-4.10	-2.08	-2.96	-4.08	-6.29	-12.30	-7.23	-0.19	-0.56	-14.98	-12.47	-30.14	-26.23	-12.13	-30.11	-30.13	-9.68	-12.30	-8.11
74TH STREET_GT_2	50.91	46.84	44.47	42.44	43.51	44.36	45.15	50.04	55.21	58.56	73.19	87.98	104.99	130.86	137.45	209.73	236.72	253.30	219.03	193.12	151.11	95.49	77.90	58.36
24261	3.43	3.44	3.23	2.70	2.65	3.02	3.23	3.89	4.52	4.84	5.84	7.67	10.30	13.65	12.43	22.69	23.60	25.23	22.33	16.15	10.50	7.01	5.69	3.59
	-4.02	-1.45	-3.25	-6.77	-8.11	-4.10	-2.08	-2.96	-4.08	-6.29	-12.30	-7.23	-0.19	-0.56	-14.98	-12.47	-30.14	-26.23	-12.13	-30.11	-30.13	-9.68	-12.30	-8.11
ADK HUDSON___FALLS	57.07	47.28	45.24	44.39	46.04	45.50	45.80	50.16	55.59	59.70	75.67	88.85	102.88	128.35	167.57	208.06	287.53	300.01	240.32	257.14	218.10	117.99	105.13	77.32
24011	3.95	3.40	2.93	2.41	2.49	2.79	3.19	3.02	3.54	3.89	4.24	6.14	8.13	9.92	9.68	14.84	16.10	17.56	17.35	14.10	11.38	8.27	5.93	4.76
	-9.66	-1.94	-4.33	-9.02	-10.80	-5.46	-2.77	-3.94	-5.44	-8.38	-16.38	-9.63	-0.25	-1.77	-47.85	-18.66	-88.45	-80.60	-38.41	-96.18	-96.24	-30.93	-39.29	-25.90
ADK RESOURCE___RCVRY	57.57	47.66	45.55	44.63	46.31	45.80	46.12	50.46	55.96	60.09	76.18	89.58	103.73	129.53	168.95	210.01	289.89	302.73	242.67	259.25	219.88	119.12	105.99	78.01
23798	4.43	3.78	3.23	2.64	2.75	3.09	3.51	3.33	3.92	4.27	4.74	6.87	8.98	11.09	10.90	16.76	18.12	19.99	19.55	15.87	12.81	9.29	6.65	5.36
	-9.69	-1.94	-4.33	-9.02	-10.81	-5.46	-2.77	-3.95	-5.44	-8.39	-16.39	-9.64	-0.25	-1.78	-48.02	-18.68	-88.80	-80.90	-38.55	-96.52	-96.58	-31.04	-39.43	-26.00
ADK S GLENS___FALLS	57.07	47.28	45.24	44.39	46.04	45.50	45.80	50.16	55.59	59.70	75.67	88.85	102.88	128.35	167.57	208.06	287.53	300.01	240.32	257.14	218.10	117.99	105.13	77.32
24028	3.95	3.40	2.93	2.41	2.49	2.79	3.19	3.02	3.54	3.89	4.24	6.14	8.13	9.92	9.68	14.84	16.10	17.56	17.35	14.10	11.38	8.27	5.93	4.76
	-9.66	-1.94	-4.33	-9.02	-10.80	-5.46	-2.77	-3.94	-5.44	-8.38	-16.38	-9.63	-0.25	-1.77	-47.85	-18.66	-88.45	-80.60	-38.41	-96.18	-96.24	-30.93	-39.29	-25.90
ADK_NYS___DAM	54.52	46.66	44.72	43.86	45.36	45.05	45.37	49.86	55.13	58.89	74.67	87.35	101.73	127.07	156.80	204.82	264.32	279.59	228.00	234.33	195.14	109.13	95.70	70.53
23527	2.96	2.85	2.58	2.24	2.26	2.57	2.87	2.89	3.31	3.42	3.91	5.04	6.99	8.98	8.36	12.92	12.99	14.12	12.73	10.28	7.40	5.51	4.25	3.08
	-8.11	-1.86	-4.15	-8.64	-10.36	-5.23	-2.65	-3.78	-5.21	-8.04	-15.70	-9.23	-0.24	-1.42	-38.41	-17.34	-68.36	-63.62	-30.72	-77.20	-77.25	-24.83	-31.54	-20.79
AIR_PRODUCTS___DRP	51.97	45.11	43.30	42.61	44.14	43.59	43.75	48.28	53.38	56.93	72.49	84.55	97.76	121.70	145.77	197.28	247.98	262.20	215.94	215.87	178.26	101.90	88.22	65.40
24190	1.35	1.30	1.14	0.96	0.98	1.08	1.24	1.30	1.54	1.42	1.65	2.19	3.02	3.85	3.52	5.76	5.86	6.26	5.54	4.26	2.98	2.28	1.86	1.31
	-7.17	-1.86	-4.17	-8.68	-10.41	-5.26	-2.67	-3.80	-5.24	-8.08	-15.78	-9.28	-0.24	-1.19	-32.22	-16.95	-59.16	-54.10	-25.84	-64.75	-64.79	-20.82	-26.45	-17.44
AKWESSNE_115KV_BK	41.93	40.60	36.89	32.11	31.86	36.21	38.57	41.77	44.79	45.25	49.18	52.40	56.24	65.46	65.00	60.36	52.44	54.66	52.55	67.41	66.04	55.97	44.93	44.84
355683	-1.52	-1.34	-1.10	-0.86	-0.88	-1.04	-1.28	-1.43	-1.82	-2.18	-2.75	-3.51	-4.73	-6.18	-5.83	-9.25	-9.70	-10.29	-9.41	-7.49	-5.52	-4.02	-2.88	-1.82
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.13	17.17	33.54	45.02	39.20	104.96	120.83	136.89	122.60	71.96	38.92	18.80	12.10	0.00
ALBANY___1	51.97	45.11	43.30	42.61	44.14	43.59	43.75	48.28	53.38	56.93	72.49	84.55	97.76	121.70	145.77	197.28	247.98	262.20	215.94	215.87	178.26	101.90	88.22	65.40
23571	1.35	1.30	1.14	0.96	0.98	1.08	1.24	1.30	1.54	1.42	1.65	2.19	3.02	3.85	3.52	5.76	5.86	6.26	5.54	4.26	2.98	2.28	1.86	1.31
	-7.17	-1.86	-4.17	-8.68	-10.41	-5.26	-2.67	-3.80	-5.24	-8.08	-15.78	-9.28	-0.24	-1.19	-32.22	-16.95	-59.16	-54.10	-25.84	-64.75	-64.79	-20.82	-26.45	-17.44
ALBANY___2	51.97	45.11	43.30	42.61	44.14	43.59	43.75	48.28	53.38	56.93	72.49	84.55	97.76	121.70	145.77	197.28	247.98	262.20	215.94	215.87	178.26	101.90	88.22	65.40
23572	1.35	1.30	1.14	0.96	0.98	1.08	1.24	1.30	1.54	1.42	1.65	2.19	3.02	3.85	3.52	5.76	5.86	6.26	5.54	4.26	2.98	2.28	1.86	1.31
	-7.17	-1.86	-4.17	-8.68	-10.41	-5.26	-2.67	-3.80	-5.24	-8.08	-15.78	-9.28	-0.24	-1.19	-32.22	-16.95	-59.16	-54.10	-25.84	-64.75	-64.79	-20.82	-26.45	-17.44
ALBANY___3	51.97	45.11	43.30	42.61	44.14	43.59	43.75	48.28	53.38	56.93	72.49	84.55	97.76	121.70	145.77	197.28	247.98	262.20	215.94	215.87	178.26	101.90	88.22	65.40
23573	1.35	1.30	1.14	0.96	0.98	1.08	1.24	1.30	1.54	1.42	1.65	2.19	3.02	3.85	3.52	5.76	5.86	6.26	5.54	4.26	2.98	2.28	1.86	1.31
	-7.17	-1.86	-4.17	-8.68	-10.41	-5.26	-2.67	-3.80	-5.24	-8.08	-15.78	-9.28	-0.24	-1.19	-32.22	-16.95	-59.16	-54.10	-25.84	-64.75	-64.79	-20.82	-26.45	-17.44

ALBANY___4 23574	51.97 1.35 -7.17	45.11 1.30 -1.86	43.30 1.14 -4.17	42.61 0.96 -8.68	44.14 0.98 -10.41	43.59 1.08 -5.26	43.75 1.24 -2.67	48.28 1.30 -3.80	53.38 1.54 -5.24	56.93 1.42 -8.08	72.49 1.65 -15.78	84.55 2.19 -9.28	97.76 3.02 -0.24	121.70 3.85 -1.19	145.77 3.52 -32.22	197.28 5.76 -16.95	247.98 5.86 -59.16	262.20 6.26 -54.10	215.94 5.54 -25.84	215.87 4.26 -64.75	178.26 2.98 -64.79	101.90 2.28 -20.82	88.22 1.86 -26.45	65.40 1.31 -17.44
ALBANY___LFGE 323615	53.32 1.96 -7.91	45.63 1.80 -1.89	43.80 1.60 -4.22	43.10 1.35 -8.78	44.65 1.38 -10.52	44.09 1.53 -5.32	44.25 1.71 -2.70	48.80 1.77 -3.84	54.00 2.10 -5.30	57.64 2.04 -8.17	73.37 2.37 -15.95	85.75 3.29 -9.38	99.19 4.44 -0.24	123.63 5.60 -1.37	152.20 5.28 -36.88	200.40 8.38 -17.46	259.62 8.78 -67.86	273.33 9.49 -62.00	222.47 8.31 -29.59	227.45 6.45 -74.13	189.41 4.75 -74.18	106.09 3.46 -23.84	92.95 2.76 -30.29	68.67 2.05 -19.97
ALCOA_PA_115KV_PL-6C 55860	41.97 -1.48 0.00	40.65 -1.30 0.00	36.96 -1.03 0.00	32.18 -0.79 0.00	31.93 -0.82 0.00	36.28 -0.97 0.00	38.61 -1.24 0.00	41.81 -1.38 0.00	44.79 -1.82 0.00	45.25 -2.18 0.00	47.98 -2.81 4.27	49.61 -3.80 19.66	51.08 -5.48 37.94	55.11 -6.88 54.66	56.50 -6.82 46.71	57.03 -10.47 107.07	49.75 -10.80 122.43	50.67 -11.91 139.27	49.71 -10.70 124.15	55.89 -8.52 82.45	55.20 -6.08 49.21	49.16 -3.94 25.69	40.68 -2.70 16.53	44.98 -1.68 0.00
ALCOA_RYNLDS___DRP 24188	41.97 -1.48 0.00	40.65 -1.30 0.00	36.96 -1.03 0.00	32.18 -0.79 0.00	31.93 -0.82 0.00	36.28 -0.97 0.00	38.61 -1.24 0.00	41.81 -1.38 0.00	44.79 -1.82 0.00	45.25 -2.18 0.00	47.98 -2.81 4.27	49.61 -3.80 19.66	51.08 -5.48 37.94	55.11 -6.88 54.66	56.50 -6.82 46.71	57.03 -10.47 107.07	49.75 -10.80 122.43	50.67 -11.91 139.27	49.71 -10.70 124.15	55.89 -8.52 82.45	55.20 -6.08 49.21	49.16 -3.94 25.69	40.68 -2.70 16.53	44.98 -1.68 0.00
ALCOA___DSASP 323711	41.97 -1.48 0.00	40.65 -1.30 0.00	36.97 -1.02 0.00	32.18 -0.79 0.00	31.93 -0.82 0.00	36.28 -0.97 0.00	38.61 -1.24 0.00	41.81 -1.38 0.00	44.79 -1.82 0.00	45.30 -2.13 0.00	47.98 -2.81 4.27	49.32 -4.09 19.66	51.08 -5.48 37.94	55.11 -6.88 54.66	56.50 -6.82 46.71	57.03 -10.47 107.07	49.74 -10.80 122.44	50.67 -11.91 139.27	49.70 -10.71 124.15	55.88 -8.52 82.46	55.20 -6.08 49.21	49.16 -3.94 25.69	40.68 -2.69 16.53	44.93 -1.73 0.00
ALLEGHENY___COGEN 23514	46.23 2.13 -0.65	44.07 1.89 -0.23	39.99 1.48 -0.52	35.24 1.19 -1.09	35.33 1.28 -1.30	39.36 1.45 -0.66	41.73 1.55 -0.33	44.40 0.73 -0.48	47.87 0.60 -0.66	46.74 -1.71 -1.01	55.10 -1.93 -1.98	69.12 -5.12 -1.16	85.84 -8.69 -0.03	109.28 -7.47 -0.09	106.75 -5.73 -2.44	166.11 -10.47 -2.01	177.36 -10.24 -4.63	196.32 -9.68 -4.16	181.56 -4.97 -1.97	151.92 0.15 -4.91	117.61 2.21 -4.92	82.57 2.20 -1.58	62.93 1.02 -2.01	51.15 3.17 -1.32
ALTAMONT_115KV_TB 2 55880	52.02 1.91 -6.66	45.61 1.80 -1.87	43.79 1.63 -4.17	43.04 1.38 -8.68	44.56 1.41 -10.41	44.07 1.56 -5.26	44.23 1.71 -2.67	48.80 1.81 -3.80	53.94 2.10 -5.24	57.59 2.09 -8.08	73.31 2.48 -15.78	85.57 3.22 -9.28	99.09 4.35 -0.24	123.09 5.25 -1.18	144.29 4.84 -29.41	200.60 7.86 -18.18	245.58 8.23 -54.37	260.32 8.88 -49.59	216.15 7.94 -23.65	212.39 6.32 -59.22	173.30 4.64 -58.18	100.88 3.39 -18.70	86.35 2.70 -23.75	64.27 1.96 -15.66
ALTONA_WT_PWR 323606	40.80 -2.65 0.00	39.51 -2.43 0.00	36.43 -1.56 0.00	31.68 -1.29 0.00	31.44 -1.31 0.00	35.72 -1.53 0.00	37.65 -2.19 0.00	40.51 -2.68 0.00	43.53 -3.08 0.00	44.02 -3.42 0.00	47.70 -4.35 3.01	50.24 -5.92 16.92	53.85 -7.56 33.09	63.29 -9.34 44.03	62.69 -8.91 38.43	55.51 -14.31 104.75	47.30 -15.00 120.67	49.04 -16.16 136.65	47.53 -14.58 122.45	64.37 -11.60 70.89	64.11 -8.51 37.87	54.31 -6.38 18.10	43.59 -4.67 11.65	43.34 -3.31 0.00
AMERICAN_REF_FUEL 24010	44.21 0.17 -0.58	41.99 -0.17 -0.21	38.20 -0.26 -0.47	33.62 -0.33 -0.98	33.76 -0.16 -1.18	37.43 -0.41 -0.59	39.95 -0.20 -0.30	42.80 -0.82 -0.43	46.69 -0.51 -0.59	48.25 -0.09 -0.91	56.95 0.11 -1.78	73.76 -0.36 -1.05	92.64 -1.89 -0.03	114.87 -1.87 -0.08	110.76 -1.43 -2.15	172.02 -4.36 -1.81	181.94 -5.12 -4.09	198.46 -7.07 -3.68	180.38 -5.91 -1.73	147.98 -3.23 -4.35	114.83 0.00 -4.35	81.14 0.95 -1.40	61.44 -0.24 -1.78	47.83 0.00 -1.17
ARKWRIGHT___SUMMIT_WT_PWR 323751	46.33 2.21 -0.67	43.82 1.63 -0.24	39.85 1.33 -0.53	35.13 1.05 -1.11	35.25 1.18 -1.33	39.19 1.27 -0.67	41.82 1.63 -0.34	45.15 1.47 -0.48	49.37 2.10 -0.67	51.21 2.75 -1.03	60.60 3.53 -2.01	78.50 4.24 -1.18	98.97 4.44 -0.03	124.57 7.82 -0.09	120.89 8.36 -2.50	184.00 7.33 -2.10	196.66 8.96 -4.73	214.37 8.28 -4.25	195.07 8.49 -2.01	159.80 7.93 -5.01	123.12 7.62 -5.02	86.32 5.91 -1.61	65.07 3.11 -2.05	50.48 2.47 -1.35
ARTHUR_KILL_GT_1 23520	39.77 2.91 6.59	37.79 2.89 7.05	37.77 2.81 3.03	37.61 2.31 -2.33	37.57 2.23 -2.60	37.77 2.46 1.94	37.78 2.63 4.70	40.03 3.20 6.36	40.91 3.77 9.47	42.26 4.22 9.39	53.45 5.34 6.95	65.68 6.72 14.12	81.08 9.27 22.69	104.55 11.11 24.47	114.83 21.64 6.32	186.68 22.68 9.53	213.80 24.01 -8.14	230.21 24.03 -4.36	191.67 21.03 13.92	160.21 14.83 1.48	116.96 9.28 2.81	71.11 6.15 13.83	59.21 4.97 5.67	41.58 3.13 8.21
ARTHUR_KILL_2 23512	39.55 2.69 6.59	37.62 2.72 7.05	37.62 2.66 3.03	37.48 2.18 -2.33	37.44 2.10 -2.60	37.62 2.31 1.94	37.62 2.47 4.70	39.85 3.02 6.36	40.72 3.59 9.47	42.03 3.98 9.39	53.17 5.06 6.95	65.31 6.35 14.12	80.60 8.79 22.69	103.97 11.78 24.47	114.28 10.56 6.32	185.63 20.59 9.53	212.70 21.58 -8.14	229.01 22.80 -4.36	190.40 19.76 13.92	159.34 13.96 1.48	116.30 8.62 2.81	70.64 5.68 13.83	58.85 4.61 5.67	41.34 2.89 8.21
ARTHUR_KILL_3 23513	39.65 2.78 6.59	37.63 2.72 7.04	37.55 2.58 3.02	37.48 2.18 -2.34	37.45 2.10 -2.60	37.74 2.42 1.93	37.75 2.59 4.69	39.99 3.15 6.35	40.87 3.73 9.47	42.13 4.08 9.38	53.13 5.01 6.94	65.55 6.58 14.11	80.70 8.88 22.68	103.97 11.78 24.46	114.52 10.79 6.31	184.94 19.89 9.52	211.98 20.85 -8.15	228.42 22.20 -4.37	190.02 19.37 13.92	159.19 13.80 1.47	116.41 8.73 2.80	70.80 5.83 13.82	59.04 4.79 5.66	41.40 2.94 8.20
ARTHUR_KILL_COGEN 323718	39.77 2.91 6.59	37.79 2.89 7.05	37.77 2.81 3.03	37.61 2.31 -2.33	37.57 2.23 -2.60	37.77 2.46 1.94	37.78 2.63 4.70	40.03 3.20 6.36	40.91 3.77 9.47	42.26 4.22 9.39	53.45 5.34 6.95	65.68 6.72 14.12	81.08 9.27 22.69	104.55 11.11 24.47	114.83 21.64 6.32	186.68 22.68 9.53	213.80 24.01 -8.14	230.21 24.01 -4.36	191.67 21.03 13.92	160.21 14.83 1.48	116.96 9.28 2.81	71.11 6.15 13.83	59.21 4.97 5.67	41.58 3.13 8.21
ASHOKAN____ 23654	50.43 1.56 -5.41	45.02 1.43 -1.65	42.85 1.18 -3.68	41.56 0.92 -7.66	42.65 0.72 -9.18	42.67 0.78 -4.64	43.27 1.08 -2.35	48.01 1.47 -3.35	52.86 1.63 -4.62	55.93 1.38 -7.13	71.02 2.04 -13.92	84.56 3.29 -8.19	100.10 5.38 -0.21	127.26 11.20 0.60	131.71 5.50 -16.17	187.36 17.46 4.67	228.93 15.18 -30.77	243.96 15.15 -26.97	209.84 12.73 -12.56	187.59 9.54 -31.19	162.53 6.74 -45.31	97.60 4.25 -14.56	81.34 2.93 -18.50	60.53 1.68 -12.20

ASTORIA_EAST_ENERGY_CC1 323581	50.35 2.87 -4.03	46.34 2.94 -1.46	44.10 2.85 -3.26	42.08 2.34 -6.77	43.12 2.26 -8.11	43.73 2.39 -4.10	44.35 2.43 -2.07	49.08 2.94 -2.95	54.32 3.64 -4.07	57.75 4.03 -6.29	72.46 5.12 -12.29	86.80 6.50 -7.22	103.56 8.88 -0.18	128.98 11.78 -0.55	135.80 10.79 -14.97	207.28 20.24 -12.47	234.51 21.40 -30.14	250.68 22.60 -26.23	215.90 19.19 -12.14	190.92 13.96 -30.10	149.55 8.95 -30.12	94.23 5.75 -9.69	76.95 4.73 -12.31	57.71 2.94 -8.12
ASTORIA_EAST_ENERGY_CC2 323582	50.35 2.87 -4.03	46.34 2.94 -1.46	44.10 2.85 -3.26	42.08 2.34 -6.77	43.12 2.26 -8.11	43.73 2.39 -4.10	44.35 2.43 -2.07	49.08 2.94 -2.95	54.32 3.64 -4.07	57.75 4.03 -6.29	72.46 5.12 -12.29	86.80 6.50 -7.22	103.56 8.88 -0.18	128.98 11.78 -0.55	135.80 10.79 -14.97	207.28 20.24 -12.47	234.51 21.40 -30.14	250.68 22.60 -26.23	215.90 19.19 -12.14	190.92 13.96 -30.10	149.55 8.95 -30.12	94.23 5.75 -9.69	76.95 4.73 -12.31	57.71 2.94 -8.12
ASTORIA_GT2_1 24094	50.35 2.87 -4.03	46.39 2.98 -1.46	44.10 2.85 -3.26	42.11 2.37 -6.77	43.12 2.26 -8.11	43.77 2.42 -4.10	44.35 2.43 -2.08	49.12 2.98 -2.95	54.31 3.64 -4.07	57.80 4.08 -6.29	72.46 5.12 -12.29	86.80 6.50 -7.22	103.56 8.88 -0.18	129.11 11.90 -0.55	135.79 10.78 -14.97	207.47 20.42 -12.47	234.70 21.59 -30.14	250.88 22.81 -26.23	216.08 19.38 -12.14	191.06 14.10 -30.10	149.66 9.06 -30.12	94.23 5.75 -9.69	76.95 4.73 -12.31	57.71 2.94 -8.12
ASTORIA_GT2_2 24095	50.35 2.87 -4.03	46.39 2.98 -1.46	44.10 2.85 -3.26	42.11 2.37 -6.77	43.12 2.26 -8.11	43.77 2.42 -4.10	44.35 2.43 -2.08	49.12 2.98 -2.95	54.31 3.64 -4.07	57.80 4.08 -6.29	72.46 5.12 -12.29	86.80 6.50 -7.22	103.56 8.88 -0.18	129.11 11.90 -0.55	135.79 10.78 -14.97	207.47 20.42 -12.47	234.70 21.59 -30.14	250.88 22.81 -26.23	216.08 19.38 -12.14	191.06 14.10 -30.10	149.66 9.06 -30.12	94.23 5.75 -9.69	76.95 4.73 -12.31	57.71 2.94 -8.12
ASTORIA_GT2_3 24096	50.35 2.87 -4.03	46.39 2.98 -1.46	44.10 2.85 -3.26	42.11 2.37 -6.77	43.12 2.26 -8.11	43.77 2.42 -4.10	44.35 2.43 -2.08	49.12 2.98 -2.95	54.31 3.64 -4.07	57.80 4.08 -6.29	72.46 5.12 -12.29	86.80 6.50 -7.22	103.56 8.88 -0.18	129.11 11.90 -0.55	135.79 10.78 -14.97	207.47 20.42 -12.47	234.70 21.59 -30.14	250.88 22.81 -26.23	216.08 19.38 -12.14	191.06 14.10 -30.10	149.66 9.06 -30.12	94.23 5.75 -9.69	76.95 4.73 -12.31	57.71 2.94 -8.12
ASTORIA_GT2_4 24097	50.35 2.87 -4.03	46.39 2.98 -1.46	44.10 2.85 -3.26	42.11 2.37 -6.77	43.12 2.26 -8.11	43.77 2.42 -4.10	44.35 2.43 -2.08	49.12 2.98 -2.95	54.31 3.64 -4.07	57.80 4.08 -6.29	72.46 5.12 -12.29	86.80 6.50 -7.22	103.56 8.88 -0.18	129.11 11.90 -0.55	135.79 10.78 -14.97	207.47 20.42 -12.47	234.70 21.59 -30.14	250.88 22.81 -26.23	216.08 19.38 -12.14	191.06 14.10 -30.10	149.66 9.06 -30.12	94.23 5.75 -9.69	76.95 4.73 -12.31	57.71 2.94 -8.12
ASTORIA_GT3_1 24098	50.35 2.87 -4.03	46.39 2.98 -1.46	44.10 2.85 -3.26	42.11 2.37 -6.77	43.12 2.26 -8.11	43.77 2.42 -4.10	44.35 2.43 -2.08	49.12 2.98 -2.95	54.31 3.64 -4.07	57.80 4.08 -6.29	72.46 5.12 -12.29	86.80 6.50 -7.22	103.56 8.88 -0.18	129.11 11.90 -0.55	135.79 10.78 -14.97	207.47 20.42 -12.47	234.70 21.59 -30.14	250.88 22.81 -26.23	216.08 19.38 -12.14	191.06 14.10 -				

ASTORIA_GT_10 24110	50.29 2.82 -4.02	46.34 2.94 -1.45	44.05 2.81 -3.25	42.11 2.37 -6.77	43.15 2.29 -8.11	43.92 2.57 -4.10	44.59 2.67 -2.08	49.34 3.20 -2.95	54.45 3.78 -4.07	57.80 4.08 -6.29	66.50 5.07 -6.38	81.67 6.43 -2.16	96.47 8.79 6.82	120.93 11.67 7.39	135.57 10.56 -14.97	207.29 20.25 -12.47	234.15 21.04 -30.14	250.27 22.20 -26.23	206.97 19.38 -3.03	176.35 13.66 -15.83	132.76 8.62 -13.65	81.51 5.75 3.04	71.56 4.73 -6.92	52.57 2.94 -2.97
ASTORIA_GT_11 24225	50.29 2.82 -4.02	46.34 2.94 -1.45	44.05 2.81 -3.25	42.11 2.37 -6.77	43.15 2.29 -8.11	43.92 2.57 -4.10	44.59 2.67 -2.08	49.34 3.20 -2.95	54.45 3.78 -4.07	57.80 4.08 -6.29	66.50 5.07 -6.38	81.67 6.43 -2.16	96.47 8.79 6.82	120.93 11.67 7.39	135.57 10.56 -14.97	207.29 20.25 -12.47	234.15 21.04 -30.14	250.27 22.20 -26.23	206.97 19.38 -3.03	176.35 13.66 -15.83	132.76 8.62 -13.65	81.51 5.75 3.04	71.56 4.73 -6.92	52.57 2.94 -2.97
ASTORIA_GT_12 24226	50.29 2.82 -4.02	46.34 2.94 -1.45	44.05 2.81 -3.25	42.11 2.37 -6.77	43.15 2.29 -8.11	43.92 2.57 -4.10	44.59 2.67 -2.08	49.34 3.20 -2.95	54.45 3.78 -4.07	57.80 4.08 -6.29	66.50 5.07 -6.38	81.67 6.43 -2.16	96.47 8.79 6.82	120.93 11.67 7.39	135.57 10.56 -14.97	207.29 20.25 -12.47	234.15 21.04 -30.14	250.27 22.20 -26.23	206.97 19.38 -3.03	176.35 13.66 -15.83	132.76 8.62 -13.65	81.51 5.75 3.04	71.56 4.73 -6.92	52.57 2.94 -2.97
ASTORIA_GT_13 24227	50.29 2.82 -4.02	46.34 2.94 -1.45	44.05 2.81 -3.25	42.11 2.37 -6.77	43.15 2.29 -8.11	43.92 2.57 -4.10	44.59 2.67 -2.08	49.34 3.20 -2.95	54.45 3.78 -4.07	57.80 4.08 -6.29	66.50 5.07 -6.38	81.67 6.43 -2.16	96.47 8.79 6.82	120.93 11.67 7.39	135.57 10.56 -14.97	207.29 20.25 -12.47	234.15 21.04 -30.14	250.27 22.20 -26.23	206.97 19.38 -3.03	176.35 13.66 -15.83	132.76 8.62 -13.65	81.51 5.75 3.04	71.56 4.73 -6.92	52.57 2.94 -2.97
ASTORIA_GT_5 24106	50.48 3.00 -4.03	46.47 3.06 -1.46	44.21 2.97 -3.26	42.18 2.44 -6.77	43.18 2.33 -8.11	43.84 2.50 -4.10	44.47 2.55 -2.07	49.21 3.07 -2.95	54.45 3.77 -4.07	57.94 4.22 -6.29	72.63 5.29 -12.29	87.02 6.72 -7.22	103.84 9.16 -0.18	129.45 12.25 -0.55	136.12 11.11 -14.97	207.98 20.94 -12.47	235.25 22.13 -30.14	251.48 23.40 -26.23	216.64 19.94 -12.14	191.51 14.54 -30.10	149.99 9.39 -30.12	94.47 5.99 -9.69	77.13 4.91 -12.31	57.85 3.08 -8.12
ASTORIA_GT_7 24107	50.48 3.00 -4.03	46.47 3.06 -1.46	44.21 2.97 -3.26	42.18 2.44 -6.77	43.18 2.33 -8.11	43.84 2.50 -4.10	44.47 2.55 -2.07	49.21 3.07 -2.95	54.45 3.77 -4.07	57.94 4.22 -6.29	72.63 5.29 -12.29	87.02 6.72 -7.22	103.84 9.16 -0.18	129.45 12.25 -0.55	136.12 11.11 -14.97	207.98 20.94 -12.47	235.25 22.13 -30.14	251.48 23.40 -26.23	216.64 19.94 -12.14	191.51 14.54 -30.10	149.99 9.39 -30.12	94.47 5.99 -9.69	77.13 4.91 -12.31	57.85 3.08 -8.12
ASTORIA_GT_8 24108	50.48 3.00 -4.03	46.51 3.10 -1.46	44.21 2.96 -3.26	42.18 2.44 -6.77	43.18 2.33 -8.11	43.84 2.50 -4.10	44.47 2.55 -2.08	49.21 3.07 -2.95	54.45 3.78 -4.07	57.94 4.22 -6.29	72.63 5.29 -12.29	87.02 6.72 -7.22	103.85 9.17 -0.18	129.46 12.25 -0.55	136.12 11.11 -14.97	207.99 20.95 -12.47	235.44 22.32 -30.14	251.69 23.62 -26.23	216.63 19.93 -12.14	191.50 14.54 -30.10	150.00 9.39 -30.12	94.47 5.99 -9.69	77.13 4.91 -12.31	57.85 3.08 -8.12
ASTORIA___2 24149	50.35 2.87 -4.03	46.39 2.98 -1.46	44.13 2.89 -3.26	42.08 2.34 -6.77	43.12 2.26 -8.11	43.77 2.42 -4.10	44.39 2.47 -2.07	49.12 2.98 -2.95	54.32 3.64 -4.07	57.80 4.08 -6.29	72.46 5.12 -12.29	86.80 6.50 -7.22	103.56 8.88 -0.18	129.11 11.91 -0.55	135.80 10.79 -14.97	207.46 20.41 -12.47	234.51 21.40 -30.14	250.68 22.60 -26.23	216.08 19.37 -12.14	191.07 14.10 -30.10	149.67 9.06 -30.12	94.23 5.75 -9.69	76.95 4.73 -12.31	57.71 2.94 -8.12
ASTORIA___3 23516	50.29 2.82 -4.02	46.33 2.94 -1.45	44.09 2.85 -3.25	42.11 2.38 -6.77	43.15 2.29 -8.11	43.88 2.53 -4.10	44.63 2.71 -2.08	49.34 3.20 -2.95	54.45 3.77 -4.07	57.75 4.03 -6.29	66.50 5.06 -6.38	81.67 6.43 -2.16	96.47 8.79 6.82	120.93 11.66 7.39	135.57 10.56 -14.97	207.28 20.24 -12.47	234.33 21.22 -30.14	250.48 22.40 -26.23	206.97 19.37 -3.03	176.35 13.66 -15.83	132.76 8.62 -13.66	81.50 5.75 3.04	71.56 4.73 -6.92	52.57 2.94 -2.97
ASTORIA___4 23517	50.29 2.82 -4.02	46.34 2.94 -1.45	44.05 2.81 -3.25	42.11 2.37 -6.77	43.15 2.29 -8.11	43.92 2.57 -4.10	44.59 2.67 -2.08	49.34 3.20 -2.95	54.45 3.78 -4.07	57.80 4.08 -6.29	66.50 5.07 -6.38	81.67 6.43 -2.16	96.47 8.79 6.82	120.93 11.67 7.39	135.57 10.56 -14.97	207.29 20.25 -12.47	234.15 21.04 -30.14	250.27 22.20 -26.23	206.97 19.38 -3.03	176.35 13.66 -15.83	132.76 8.62 -13.65	81.51 5.75 3.04	71.56 4.73 -6.92	52.57 2.94 -2.97
ASTORIA___5 23518	50.29 2.82 -4.02	46.33 2.94 -1.45	44.09 2.85 -3.25	42.11 2.38 -6.77	43.15 2.29 -8.11	43.88 2.53 -4.10	44.63 2.71 -2.08	49.34 3.20 -2.95	54.45 3.77 -4.07	57.75 4.03 -6.29	66.50 5.06 -6.38	81.67 6.43 -2.16	96.47 8.79 6.82	120.93 11.66 7.39	135.57 10.56 -14.97	207.28 20.24 -12.47	234.33 21.22 -30.14	250.48 22.40 -26.23	206.97 19.37 -3.03	176.35 13.66 -15.83	132.76 8.62 -13.66	81.50 5.75 3.04	71.56 4.73 -6.92	52.57 2.94 -2.97
AST_ENERGY_2_CC3 323677	50.47 3.00 -4.02	46.38 2.98 -1.45	44.05 2.81 -3.25	42.08 2.34 -6.77	43.15 2.29 -8.11	43.95 2.61 -4.10	44.75 2.83 -2.08	49.56 3.41 -2.96	54.70 4.01 -4.08	58.04 4.32 -6.29	72.58 5.23 -12.29	87.17 6.87 -7.23	103.95 9.27 -0.19	129.46 12.25 -0.56	136.25 11.23 -14.98	207.62 20.59 -12.47	234.70 21.58 -30.14	251.28 23.20 -26.23	217.00 20.30 -12.13	191.51 14.54 -30.11	149.90 9.28 -30.13	94.62 6.15 -9.68	77.24 5.03 -12.30	57.94 3.17 -8.11
AST_ENERGY_2_CC4 323678	50.47 3.00 -4.02	46.38 2.98 -1.45	44.05 2.81 -3.25	42.08 2.34 -6.77	43.15 2.29 -8.11	43.95 2.61 -4.10	44.75 2.83 -2.08	49.56 3.41 -2.96	54.70 4.01 -4.08	58.04 4.32 -6.29	72.58 5.23 -12.29	87.17 6.87 -7.23	103.95 9.27 -0.19	129.46 12.25 -0.56	136.25 11.23 -14.98	207.62 20.59 -12.47	234.70 21.58 -30.14	251.28 23.20 -26.23	217.00 20.30 -12.13	191.51 14.54 -30.11	149.90 9.28 -30.13	94.62 6.15 -9.68	77.24 5.03 -12.30	57.94 3.17 -8.11
ATHENS_STG_1 23668	49.92 2.09 -4.39	45.64 2.05 -1.64	43.52 1.86 -3.67	42.23 1.62 -7.64	43.51 1.60 -9.16	43.70 1.82 -4.63	44.14 1.95 -2.35	48.73 2.20 -3.34	53.78 2.56 -4.61	57.24 2.70 -7.11	72.18 3.25 -13.88	85.48 4.24 -8.16	100.10 5.38 -0.21	123.89 6.65 -0.59	131.99 6.05 -15.90	198.69 10.12 -14.00	224.24 10.61 -30.66	240.44 11.30 -27.30	207.53 10.14 -12.82	186.60 7.78 -31.96	147.88 5.41 -31.98	93.09 4.02 -10.28	76.32 3.35 -13.06	57.50 2.24 -8.61
ATHENS_STG_2 23670	49.92 2.09 -4.39	45.64 2.05 -1.64	43.52 1.86 -3.67	42.23 1.62 -7.64	43.51 1.60 -9.16	43.70 1.82 -4.63	44.14 1.95 -2.35	48.73 2.20 -3.34	53.78 2.56 -4.61	57.24 2.70 -7.11	72.18 3.25 -13.88	85.48 4.24 -8.16	100.10 5.38 -0.21	123.89 6.65 -0.59	131.99 6.05 -15.90	198.69 10.12 -14.00	224.24 10.61 -30.66	240.44 11.30 -27.30	207.53 10.14 -12.82	186.60 7.78 -31.96	147.88 5.41 -31.98	93.09 4.02 -10.28	76.32 3.35 -13.06	57.50 2.24 -8.61

ATHENS_STG_3 23677	49.92 2.09 -4.39	45.64 2.05 -1.64	43.52 1.86 -3.67	42.23 1.62 -7.64	43.51 1.60 -9.16	43.70 1.82 -4.63	44.14 1.95 -2.35	48.73 2.20 -3.34	53.78 2.56 -4.61	57.24 2.70 -7.11	72.18 3.25 -13.88	85.48 4.24 -8.16	100.10 5.38 -0.21	123.89 6.65 -0.59	131.99 6.05 -15.90	198.69 10.12 -14.00	224.24 10.61 -30.66	240.44 11.30 -27.30	207.53 10.14 -12.82	186.60 7.78 -31.96	147.88 5.41 -31.98	93.09 4.02 -10.28	76.32 3.35 -13.06	57.50 2.24 -8.61
AUBURN____LFGE 323710	45.01 1.09 -0.47	43.17 1.05 -0.17	39.25 0.87 -0.39	34.47 0.69 -0.81	34.43 0.72 -0.97	38.63 0.89 -0.49	41.17 1.08 -0.25	44.58 1.04 -0.35	48.44 1.35 -0.49	49.93 1.75 -0.75	59.20 2.09 -2.06	76.42 2.48 -0.86	99.98 3.40 -2.08	130.24 5.25 -8.33	125.78 5.28 -10.46	193.16 7.86 -10.73	204.22 8.42 -12.83	223.53 8.88 -12.80	204.48 8.49 -11.43	169.47 7.20 -15.41	128.14 5.52 -12.13	87.73 4.25 -4.68	66.14 2.52 -3.72	49.32 1.73 -0.94
BABYLON_RES_REC 323704	61.53 4.69 -13.38	53.60 4.57 -7.08	47.07 4.25 -4.82	43.28 3.53 -6.78	44.35 3.47 -8.13	45.34 3.99 -4.11	45.99 4.07 -2.08	50.78 4.62 -2.96	65.85 5.83 -13.42	72.70 6.16 -19.10	124.48 6.55 -62.88	133.35 8.04 -52.24	135.16 10.58 -30.08	141.02 13.99 -10.37	219.76 12.54 -97.18	258.39 21.64 -62.18	235.83 22.68 -30.17	252.71 24.62 -26.25	226.84 22.14 -20.13	195.38 16.59 -31.93	150.35 9.72 -30.14	134.00 8.27 -46.94	120.47 7.49 -53.08	77.92 5.18 -26.08
BABYLON__69_KV_BK2 356345	62.27 5.43 -13.38	54.31 5.29 -7.08	47.71 4.90 -4.82	43.80 4.06 -6.77	44.87 4.00 -8.13	45.78 4.43 -4.10	46.67 4.74 -2.08	51.51 5.36 -2.96	66.69 6.66 -13.42	73.60 7.07 -19.10	125.86 7.93 -62.88	143.39 10.30 -60.01	144.89 13.23 -37.16	147.76 16.80 -14.30	226.32 15.40 -100.88	267.50 26.19 -66.75	244.54 27.26 -34.30	269.56 29.67 -38.04	236.67 26.58 -25.53	205.51 20.41 -38.24	153.11 12.48 -30.14	141.60 10.24 -52.56	128.30 8.63 -59.77	86.78 5.97 -34.16
BARON_WINDS____WT_PWR 323822	45.56 1.26 -0.85	43.12 0.88 -0.30	39.34 0.68 -0.66	34.88 0.53 -1.38	35.00 0.59 -1.66	38.76 0.67 -0.84	41.19 0.92 -0.42	44.48 0.69 -0.60	48.51 1.07 -0.83	50.14 1.42 -1.29	59.38 1.81 -2.51	76.89 2.34 -1.48	97.55 2.55 -0.50	122.70 4.67 -1.37	119.33 5.06 -4.23	184.43 5.23 -4.63	197.77 6.58 -8.22	215.98 6.46 -7.67	196.23 6.83 -4.83	161.66 6.45 -8.35	123.73 5.74 -7.51	85.44 4.57 -2.08	65.00 2.46 -2.64	50.31 1.91 -1.74
BARRETT_IC_1 23704	60.79 3.95 -13.39	52.89 3.86 -7.09	46.39 3.57 -4.83	42.79 3.03 -6.79	43.87 2.98 -8.14	44.79 3.42 -4.11	44.99 3.07 -2.08	49.73 3.58 -2.96	64.59 4.57 -13.41	71.23 4.70 -19.10	123.43 5.50 -62.87	128.26 7.02 -48.17	130.11 9.36 -26.25	138.94 12.49 -9.79	217.89 11.55 -96.31	256.99 20.24 -62.18	234.35 21.22 -30.16	251.09 23.00 -26.25	224.99 20.30 -20.13	192.26 15.27 -30.13	149.13 8.51 -30.13	129.53 6.85 -43.89	114.99 5.63 -49.46	71.02 3.68 -20.68
BARRETT_IC_10 23701	60.79 3.95 -13.39	52.89 3.86 -7.09	46.39 3.57 -4.83	42.79 3.03 -6.79	43.87 2.98 -8.14	44.79 3.42 -4.11	44.99 3.07 -2.08	49.73 3.58 -2.96	64.59 4.57 -13.41	71.23 4.70 -19.10	123.43 5.50 -62.87	128.26 7.02 -48.17	130.11 9.36 -26.25	138.94 12.49 -9.79	217.89 11.55 -96.31	256.99 20.24 -62.18	234.35 21.22 -30.16	251.09 23.00 -26.25	224.99 20.30 -20.13	192.26 15.27 -30.13	149.13 8.51 -30.13	129.53 6.85 -43.89	114.99 5.63 -49.46	71.02 3.68 -20.68
BARRETT_IC_11 23702	60.79 3.95 -13.39	52.89 3.86 -7.09	46.39 3.57 -4.83	42.79 3.03 -6.79	43.87 2.98 -8.14	44.79 3.42 -4.11	44.99 3.07 -2.08	49.73 3.58 -2.96	64.59 4.57 -13.41	71.23 4.70 -19.10	123.43 5.50 -62.87	128.26 7.02 -48.17	130.11 9.36 -26.25	138.94 12.49 -9.79	217.89 11.55 -96.31	256.99 20.24 -62.18	234.35 21.22 -30.16	251.09 23.00 -26.25	224.99 20.30 -20.13	192.26 15.27 -30.13	149.13 8.51 -30.13	129.53 6.85 -43.89	114.99 5.63 -49.46	71.02 3.68 -20.68
BARRETT_IC_12 23703	60.79 3.95 -13.39	52.89 3.86 -7.09	46.39 3.57 -4.83	42.79 3.03 -6.79	43.87 2.98 -8.14	44.79 3.42 -4.11	44.99 3.07 -2.08	49.73 3.58 -2.96	64.59 4.57 -13.41	71.23 4.70 -19.10	123.43 5.50 -62.87	128.26 7.02 -48.17	130.11 9.36 -26.25	138.94 12.49 -9.79	217.89 11.55 -96.31	256.99 20.24 -62.18	234.35 21.22 -30.16	251.09 23.00 -26.25	224.99 20.30 -20.13	192.26 15.27 -30.13	149.13 8.51 -30.13	129.53 6.85 -43.89	114.99 5.63 -49.46	71.02 3.68 -20.68
BARRETT_IC_2 23705	60.79 3.95 -13.39	52.89 3.86 -7.09	46.39 3.57 -4.83	42.79 3.03 -6.79	43.87 2.98 -8.14	44.79 3.42 -4.11	44.99 3.07 -2.08	49.73 3.58 -2.96	64.59 4.57 -13.41	71.23 4.70 -19.10	123.43 5.50 -62.87	128.26 7.02 -48.17	130.11 9.36 -26.25	138.94 12.49 -9.79	217.89 11.55 -96.31	256.99 20.24 -62.18	234.35 21.22 -30.16	251.09 23.00 -26.25	224.99 20.30 -20.13	192.26 15.27 -30.13	149.13 8.51 -30.13	129.53 6.85 -43.89	114.99 5.63 -49.46	71.02 3.68 -20.68
BARRETT_IC_3 23706	60.79 3.95 -13.39	52.89 3.86 -7.09	46.39 3.57 -4.83	42.79 3.03 -6.79	43.87 2.98 -8.14	44.79 3.42 -4.11	44.99 3.07 -2.08	49.73 3.58 -2.96	64.59 4.57 -13.41	71.23 4.70 -19.10	123.43 5.50 -62.87	128.26 7.02 -48.17	130.11 9.36 -26.25	138.94 12.49 -9.79	217.89 11.55 -96.31	256.99 20.24 -62.18	234.35 21.22 -30.16	251.09 23.00 -26.25	224.99 20.30 -20.13	192.26 15.27 -30.13	149.13 8.51 -30.13	129.53 6.85 -43.89	114.99 5.63 -49.46	71.02 3.68 -20.68
BARRETT_IC_4 23707	60.79 3.95 -13.39	52.89 3.86 -7.09	46.39 3.57 -4.83	42.79 3.03 -6.79	43.87 2.98 -8.14	44.79 3.42 -4.11	44.99 3.07 -2.08	49.73 3.58 -2.96	64.59 4.57 -13.41	71.23 4.70 -19.10	123.43 5.50 -62.87	128.26 7.02 -48.17	130.11 9.36 -26.25	138.94 12.49 -9.79	217.89 11.55 -96.31	256.99 20.24 -62.18	234.35 21.22 -30.16	251.09 23.00 -26.25	224.99 20.30 -20.13	192.26 15.27 -30.13	149.13 8.51 -30.13	129.53 6.85 -43.89	114.99 5.63 -49.46	71.02 3.68 -20.68
BARRETT_IC_5 23708	60.79 3.95 -13.39	52.89 3.86 -7.09	46.39 3.57 -4.83	42.79 3.03 -6.79	43.87 2.98 -8.14	44.79 3.42 -4.11	44.99 3.07 -2.08	49.73 3.58 -2.96	64.59 4.57 -13.41	71.23 4.70 -19.10	123.43 5.50 -62.87	128.26 7.02 -48.17	130.11 9.36 -26.25	138.94 12.49 -9.79	217.89 11.55 -96.31	256.99 20.24 -62.18	234.35 21.22 -30.16	251.09 23.00 -26.25	224.99 20.30 -20.13	192.26 15.27 -30.13	149.13 8.51 -30.13	129.53 6.85 -43.89	114.99 5.63 -49.46	71.02 3.68 -20.68
BARRETT_IC_6 23709	60.79 3.95 -13.39	52.89 3.86 -7.09	46.39 3.57 -4.83	42.79 3.03 -6.79	43.87 2.98 -8.14	44.79 3.42 -4.11	44.99 3.07 -2.08	49.73 3.58 -2.96	64.59 4.57 -13.41	71.23 4.70 -19.10	123.43 5.50 -62.87	128.26 7.02 -48.17	130.11 9.36 -26.25	138.94 12.49 -9.79	217.89 11.55 -96.31	256.99 20.24 -62.18	234.35 21.22 -30.16	251.09 23.00 -26.25	224.99 20.30 -20.13	192.26 15.27 -30.13	149.13 8.51 -30.13	129.53 6.85 -43.89	114.99 5.63 -49.46	71.02 3.68 -20.68
BARRETT_IC_7 23710	60.79 3.95 -13.38	52.88 3.86 -7.08	46.38 3.57 -4.82	42.77 3.03 -6.77	43.86 2.98 -8.13	44.70 3.35 -4.10	45.03 3.11 -2.08	49.78 3.63 -2.96	64.59 4.57 -13.41	71.23 4.70 -19.10	123.38 5.45 -62.88	128.19 6.94 -48.17	130.11 9.36 -26.26	138.94 12.48 -9.80	217.90 11.55 -96.31	257.00 20.25 -62.18	234.36 21.22 -30.17	250.90 22.81 -26.25	225.00 20.30 -20.13	192.27 15.27 -30.13	149.13 8.51 -30.14	129.54 6.85 -43.90	115.00 5.63 -49.46	71.03 3.69 -20.69

BARRETT_IC_8 23711	60.79 3.95 -13.39	52.89 3.86 -7.09	46.39 3.57 -4.83	42.79 3.03 -6.79	43.87 2.98 -8.14	44.79 3.42 -4.11	44.99 3.07 -2.08	49.73 3.58 -2.96	64.59 4.57 -13.41	71.23 4.70 -19.10	123.43 5.50 -62.87	128.26 7.02 -48.17	130.11 9.36 -26.25	138.94 12.49 -9.79	217.89 11.55 -96.31	256.99 20.24 -62.18	234.35 21.22 -30.16	251.09 23.00 -26.25	224.99 20.30 -20.13	192.26 15.27 -30.13	149.13 8.51 -30.13	129.53 6.85 -43.89	114.99 5.63 -49.46	71.02 3.68 -20.68
BARRETT_IC_9 23700	60.79 3.95 -13.39	52.89 3.86 -7.09	46.39 3.57 -4.83	42.79 3.03 -6.79	43.87 2.98 -8.14	44.79 3.42 -4.11	44.99 3.07 -2.08	49.73 3.58 -2.96	64.59 4.57 -13.41	71.23 4.70 -19.10	123.43 5.50 -62.87	128.26 7.02 -48.17	130.11 9.36 -26.25	138.94 12.49 -9.79	217.89 11.55 -96.31	256.99 20.24 -62.18	234.35 21.22 -30.16	251.09 23.00 -26.25	224.99 20.30 -20.13	192.26 15.27 -30.13	149.13 8.51 -30.13	129.53 6.85 -43.89	114.99 5.63 -49.46	71.02 3.68 -20.68
BARRETT___1 23545	60.79 3.95 -13.39	52.89 3.86 -7.09	46.39 3.57 -4.83	42.79 3.03 -6.79	43.87 2.98 -8.14	44.79 3.42 -4.11	44.99 3.07 -2.08	49.73 3.58 -2.96	64.59 4.57 -13.41	71.23 4.70 -19.10	123.43 5.50 -62.87	128.26 7.02 -48.17	130.11 9.36 -26.25	138.94 12.49 -9.79	217.89 11.55 -96.31	256.99 20.24 -62.18	234.35 21.22 -30.16	251.09 23.00 -26.25	224.99 20.30 -20.13	192.26 15.27 -30.13	149.13 8.51 -30.13	129.53 6.85 -43.89	114.99 5.63 -49.46	71.02 3.68 -20.68
BARRETT___2 23546	60.79 3.95 -13.39	52.89 3.86 -7.09	46.39 3.57 -4.83	42.79 3.03 -6.79	43.87 2.98 -8.14	44.79 3.42 -4.11	44.99 3.07 -2.08	49.73 3.58 -2.96	64.59 4.57 -13.41	71.23 4.70 -19.10	123.43 5.50 -62.87	128.26 7.02 -48.17	130.11 9.36 -26.25	138.94 12.49 -9.79	217.89 11.55 -96.31	256.99 20.24 -62.18	234.35 21.22 -30.16	251.09 23.00 -26.25	224.99 20.30 -20.13	192.26 15.27 -30.13	149.13 8.51 -30.13	129.53 6.85 -43.89	114.99 5.63 -49.46	71.02 3.68 -20.68
BATAVIA___115KV_TB1 55881	45.72 1.74 -0.53	43.57 1.43 -0.19	39.53 1.10 -0.44	34.74 0.86 -0.91	34.82 0.98 -1.09	38.80 1.01 -0.55	41.40 1.28 -0.28	44.50 0.91 -0.40	48.60 1.44 -0.55	50.22 1.94 -0.84	59.24 2.53 -1.65	75.65 1.61 -0.97	96.13 1.61 -0.02	119.30 2.57 -0.07	115.08 3.08 -1.97	179.21 2.97 -1.67	189.09 2.38 -3.74	207.02 1.82 -3.36	188.55 2.40 -1.59	154.06 3.23 -3.97	119.10 4.64 -3.97	84.16 4.10 -1.28	64.28 2.76 -1.62	49.82 2.10 -1.07
BAYONEEC___CTG1 323682	39.86 3.00 6.59	39.38 2.98 5.54	39.20 2.81 1.60	39.20 2.34 -3.89	39.20 2.29 -4.16	39.20 2.61 0.66	39.43 2.83 3.24	40.25 3.41 6.35	41.15 4.01 9.47	42.37 4.32 9.38	53.40 5.29 6.94	65.83 6.87 14.11	81.09 9.27 22.68	104.44 12.25 24.46	115.06 11.34 6.31	185.63 20.59 9.52	212.71 21.58 -8.15	229.41 23.20 -4.37	190.95 20.30 13.92	159.93 14.54 1.47	116.96 9.28 2.80	71.12 6.15 13.82	59.28 5.03 5.66	41.63 3.17 8.20
BAYONEEC___CTG10 323750	39.86 3.00 6.59	39.38 2.98 5.54	39.20 2.81 1.60	39.20 2.34 -3.89	39.20 2.29 -4.16	39.20 2.61 0.66	39.43 2.83 3.24	40.25 3.41 6.35	41.15 4.01 9.47	42.37 4.32 9.38	53.40 5.29 6.94	65.83 6.87 14.11	81.09 9.27 22.68	104.44 12.25 24.46	115.06 11.34 6.31	185.63 20.59 9.52	212.71 21.58 -8.15	229.41 23.20 -4.37	190.95 20.30 13.92	159.93 14.54 1.47	116.96 9.28 2.80	71.12 6.15 13.82	59.28 5.03 5.66	41.63 3.17 8.20
BAYONEEC___CTG2 323683	39.86 3.00 6.59	39.38 2.98 5.54	39.20 2.81 1.60	39.20 2.34 -3.89	39.20 2.29 -4.16	39.20 2.61 0.66	39.43 2.83 3.24	40.25 3.41 6.35	41.15 4.01 9.47	42.37 4.32 9.38	53.40 5.29 6.94	65.83 6.87 14.11	81.09 9.27 22.68	104.44 12.25 24.46	115.06 11.34 6.31	185.63 20.59 9.52	212.71 21.58 -8.15	229.41 23.20 -4.37	190.95 20.30 13.92	159.93 14.54 1.47	116.96 9.28 2.80	71.12 6.15 13.82	59.28 5.03 5.66	41.63 3.17 8.20
BAYONEEC___CTG3 323684	39.86 3.00 6.59	39.38 2.98 5.54	39.20 2.81 1.60	39.20 2.34 -3.89	39.20 2.29 -4.16	39.20 2.61 0.66	39.43 2.83 3.24	40.25 3.41 6.35	41.15 4.01 9.47	42.37 4.32 9.38	53.40 5.29 6.94	65.83 6.87 14.11	81.09 9.27 22.68	104.44 12.25 24.46	115.06 11.34 6.31	185.63 20.59 9.52	212.71 21.58 -8.15	229.41 23.20 -4.37	190.95 20.30 13.92	159.93 14.54 1.47	116.96 9.28 2.80	71.12 6.15 13.82	59.28 5.03 5.66	41.63 3.17 8.20
BAYONEEC___CTG4 323685	39.86 3.00 6.59	39.38 2.98 5.54	39.20 2.81 1.60	39.20 2.34 -3.89	39.20 2.29 -4.16	39.20 2.61 0.66	39.43 2.83 3.24	40.25 3.41 6.35	41.15 4.01 9.47	42.37 4.32 9.38	53.40 5.29 6.94	65.83 6.87 14.11	81.09 9.27 22.68	104.44 12.25 24.46	115.06 11.34 6.31	185.63 20.59 9.52	212.71 21.58 -8.15	229.41 23.20 -4.37	190.95 20.30 13.92	159.93 14.54 1.47	116.96 9.28 2.80	71.12 6.15 13.82	59.28 5.03 5.66	41.63 3.17 8.20
BAYONEEC___CTG5 323686	39.86 3.00 6.59	39.38 2.98 5.54	39.20 2.81 1.60	39.20 2.34 -3.89	39.20 2.29 -4.16	39.20 2.61 0.66	39.43 2.83 3.24	40.25 3.41 6.35	41.15 4.01 9.47	42.37 4.32 9.38	53.40 5.29 6.94	65.83 6.87 14.11	81.09 9.27 22.68	104.44 12.25 24.46	115.06 11.34 6.31	185.63 20.59 9.52	212.71 21.58 -8.15	229.41 23.20 -4.37	190.95 20.30 13.92	159.93 14.54 1.47	116.96 9.28 2.80	71.12 6.15 13.82	59.28 5.03 5.66	41.63 3.17 8.20
BAYONEEC___CTG6 323687	39.86 3.00 6.59	39.38 2.98 5.54	39.20 2.81 1.60	39.20 2.34 -3.89	39.20 2.29 -4.16	39.20 2.61 0.66	39.43 2.83 3.24	40.25 3.41 6.35	41.15 4.01 9.47	42.37 4.32 9.38	53.40 5.29 6.94	65.83 6.87 14.11	81.09 9.27 22.68	104.44 12.25 24.46	115.06 11.34 6.31	185.63 20.59 9.52	212.71 21.58 -8.15	229.41 23.20 -4.37	190.95 20.30 13.92	159.93 14.54 1.47	116.96 9.28 2.80	71.12 6.15 13.82	59.28 5.03 5.66	41.63 3.17 8.20
BAYONEEC___CTG7 323688	39.86 3.00 6.59	39.38 2.98 5.54	39.20 2.81 1.60	39.20 2.34 -3.89	39.20 2.29 -4.16	39.20 2.61 0.66	39.43 2.83 3.24	40.25 3.41 6.35	41.15 4.01 9.47	42.37 4.32 9.38	53.40 5.29 6.94	65.83 6.87 14.11	81.09 9.27 22.68	104.44 12.25 24.46	115.06 11.34 6.31	185.63 20.59 9.52	212.71 21.58 -8.15	229.41 23.20 -4.37	190.95 20.30 13.92	159.93 14.54 1.47	116.96 9.28 2.80	71.12 6.15 13.82	59.28 5.03 5.66	41.63 3.17 8.20
BAYONEEC___CTG8 323689	39.86 3.00 6.59	39.38 2.98 5.54	39.20 2.81 1.60	39.20 2.34 -3.89	39.20 2.29 -4.16	39.20 2.61 0.66	39.43 2.83 3.24	40.25 3.41 6.35	41.15 4.01 9.47	42.37 4.32 9.38	53.40 5.29 6.94	65.83 6.87 14.11	81.09 9.27 22.68	104.44 12.25 24.46	115.06 11.34 6.31	185.63 20.59 9.52	212.71 21.58 -8.15	229.41 23.20 -4.37	190.95 20.30 13.92	159.93 14.54 1.47	116.96 9.28 2.80	71.12 6.15 13.82	59.28 5.03 5.66	41.63 3.17 8.20
BAYONEEC___CTG9 323749	39.86 3.00 6.59	39.38 2.98 5.54	39.20 2.81 1.60	39.20 2.34 -3.89	39.20 2.29 -4.16	39.20 2.61 0.66	39.43 2.83 3.24	40.25 3.41 6.35	41.15 4.01 9.47	42.37 4.32 9.38	53.40 5.29 6.94	65.83 6.87 14.11	81.09 9.27 22.68	104.44 12.25 24.46	115.06 11.34 6.31	185.63 20.59 9.52	212.71 21.58 -8.15	229.41 23.20 -4.37	190.95 20.30 13.92	159.93 14.54 1.47	116.96 9.28 2.80	71.12 6.15 13.82	59.28 5.03 5.66	41.63 3.17 8.20

BEACON___LESR 323632	52.79 2.13 -7.21	45.78 1.97 -1.86	43.87 1.71 -4.16	43.09 1.45 -8.67	44.58 1.44 -10.39	44.14 1.64 -5.25	44.38 1.87 -2.66	48.88 1.90 -3.79	54.07 2.24 -5.23	57.63 2.14 -8.07	73.29 2.48 -15.76	85.85 3.51 -9.27	99.46 4.72 -0.24	123.93 6.06 -1.20	148.15 5.61 -32.51	200.59 9.07 -16.95	252.09 9.51 -59.61	266.70 10.29 -54.56	219.86 9.22 -26.08	219.40 7.19 -65.34	181.17 5.30 -65.39	103.66 3.86 -21.01	89.59 2.99 -26.69	66.54 2.29 -17.60
BEAVER RIVER___HYD 24048	43.99 0.48 -0.06	42.54 0.54 -0.05	38.49 0.38 -0.12	33.55 0.33 -0.24	33.37 0.33 -0.29	37.85 0.45 -0.15	40.36 0.44 -0.08	43.69 0.39 -0.11	47.08 0.33 -0.15	47.90 0.24 -0.23	66.92 0.22 -11.65	96.48 -0.80 -24.21	137.00 -1.04 -43.54	211.73 -1.52 -96.59	185.31 -1.21 -76.49	200.05 -2.27 -27.75	204.54 -1.47 -23.04	231.51 -1.20 -30.86	207.00 -0.37 -22.80	255.06 1.04 -107.16	214.55 1.33 -102.74	147.02 0.87 -67.36	105.12 1.86 -43.35	48.01 1.35 0.00
BEEBEE_GT_13 23619	45.29 1.39 -0.45	43.29 1.17 -0.17	39.28 0.91 -0.37	34.44 0.69 -0.78	34.43 0.75 -0.93	38.50 0.78 -0.47	41.08 1.00 -0.24	44.31 0.78 -0.34	48.33 1.26 -0.47	49.81 1.66 -0.72	58.73 2.26 -1.41	76.10 2.19 -0.83	96.98 2.46 -0.02	120.10 3.38 -0.06	115.41 3.74 -1.63	181.41 5.41 -1.43	190.82 4.76 -3.09	208.86 4.24 -2.78	189.75 3.88 -1.31	154.11 3.97 -3.28	118.19 4.42 -3.28	83.55 3.70 -1.06	63.28 2.04 -1.34	49.08 1.54 -0.88
BENSHRST_27_KV_BENSHRST_1 355998	50.86 3.39 -4.02	46.80 3.40 -1.45	44.47 3.23 -3.25	42.41 2.67 -6.77	43.45 2.59 -8.11	44.25 2.91 -4.10	44.99 3.07 -2.08	49.86 3.71 -2.95	55.06 4.38 -4.07	58.53 4.79 -6.31	89.09 5.95 -28.09	97.55 7.60 -16.87	118.42 10.40 -13.52	146.00 13.65 -15.69	137.33 12.32 -14.97	210.55 23.39 -12.58	354.36 24.34 -147.05	253.96 25.84 -26.28	236.73 22.70 -29.46	220.44 16.30 -57.28	134.53 10.39 -13.66	119.69 7.01 -33.88	85.01 5.63 -19.47	68.19 3.64 -17.89
BETHLEHEM___GRP 23843	51.97 1.35 -7.17	45.11 1.30 -1.86	43.30 1.14 -4.17	42.61 0.96 -8.68	44.14 0.98 -10.41	43.59 1.08 -5.26	43.75 1.24 -2.67	48.28 1.30 -3.80	53.38 1.54 -5.24	56.93 1.42 -8.08	72.49 1.65 -15.78	84.55 2.19 -9.28	97.76 3.02 -0.24	121.70 3.85 -1.19	145.77 3.52 -32.22	197.28 5.76 -16.95	247.98 5.86 -59.16	262.20 6.26 -54.10	215.94 5.54 -25.84	215.87 4.26 -64.75	178.26 2.98 -64.79	101.90 2.28 -20.82	88.22 1.86 -26.45	65.40 1.31 -17.44
BETHLEHEM___GS1 323560	51.97 1.35 -7.17	45.11 1.30 -1.86	43.30 1.14 -4.17	42.61 0.96 -8.68	44.14 0.98 -10.41	43.59 1.08 -5.26	43.75 1.24 -2.67	48.28 1.29 -3.80	53.38 1.54 -5.24	56.93 1.42 -8.08	72.43 1.60 -15.78	84.55 2.19 -9.28	97.76 3.02 -0.24	121.70 3.84 -1.19	145.77 3.52 -32.22	197.27 5.75 -16.95	247.98 5.85 -59.16	262.21 6.26 -54.10	215.94 5.53 -25.84	215.87 4.26 -64.75	178.26 2.98 -64.79	101.90 2.29 -20.82	88.22 1.86 -26.45	65.45 1.35 -17.44
BETHLEHEM___GS2 323561	51.97 1.35 -7.17	45.11 1.30 -1.86	43.30 1.14 -4.17	42.61 0.96 -8.68	44.14 0.98 -10.41	43.59 1.08 -5.26	43.75 1.24 -2.67	48.28 1.29 -3.80	53.38 1.54 -5.24	56.93 1.42 -8.08	72.43 1.60 -15.78	84.55 2.19 -9.28	97.76 3.02 -0.24	121.70 3.84 -1.19	145.77 3.52 -32.22	197.27 5.75 -16.95	247.98 5.85 -59.16	262.21 6.26 -54.10	215.94 5.53 -25.84	215.87 4.26 -64.75	178.26 2.98 -64.79	101.90 2.29 -20.82	88.22 1.86 -26.45	65.45 1.35 -17.44
BETHLEHEM___GS3 323562	51.97 1.35 -7.17	45.11 1.30 -1.86	43.30 1.14 -4.17	42.61 0.96 -8.68	44.14 0.98 -10.41	43.59 1.08 -5.26	43.75 1.24 -2.67	48.28 1.29 -3.80	53.38 1.54 -5.24	56.93 1.42 -8.08	72.43 1.60 -15.78	84.55 2.19 -9.28	97.76 3.02 -0.24	121.70 3.84 -1.19	145.77 3.52 -32.22	197.27 5.75 -16.95	247.98 5.85 -59.16	262.21 6.26 -54.10	215.94 5.53 -25.84	215.87 4.26 -64.75	178.26 2.98 -64.79	101.90 2.29 -20.82	88.22 1.86 -26.45	65.45 1.35 -17.44
BETHLEHEM___STEEL 23779	45.21 1.13 -0.63	42.93 0.76 -0.23	39.03 0.53 -0.51	34.42 0.40 -1.06	34.54 0.52 -1.26	38.33 0.45 -0.64	40.89 0.72 -0.32	43.96 0.30 -0.46	48.03 0.79 -0.64	49.88 1.47 -0.98	58.84 1.87 -1.92	75.88 1.68 -1.13	96.33 1.80 -0.03	120.48 3.73 -0.09	116.69 4.29 -2.36	179.67 3.14 -1.95	191.67 4.21 -4.49	209.11 3.23 -4.03	189.98 3.51 -1.91	155.58 3.97 -4.76	120.22 4.97 -4.76	84.58 4.25 -1.53	63.95 2.10 -1.94	49.57 1.63 -1.28
BETHLHEM_115KV_TB1 79974	51.97 1.48 -7.04	45.24 1.43 -1.86	43.41 1.25 -4.17	42.70 1.06 -8.68	44.23 1.08 -10.40	43.69 1.19 -5.25	43.86 1.35 -2.67	48.41 1.43 -3.79	53.52 1.68 -5.23	57.07 1.57 -8.07	72.64 1.82 -15.77	84.69 2.34 -9.27	98.05 3.31 -0.24	121.91 4.08 -1.16	145.19 3.74 -31.41	197.56 6.11 -16.88	246.92 6.22 -57.72	261.48 6.86 -52.77	215.67 5.91 -25.20	214.70 4.70 -63.14	176.98 3.31 -63.18	101.54 2.44 -20.30	87.74 2.04 -25.79	65.11 1.45 -17.00
BETHPAGE_CC_5 323564	60.92 4.08 -13.38	53.01 3.99 -7.08	46.54 3.73 -4.82	42.92 3.17 -6.78	43.96 3.08 -8.13	44.90 3.54 -4.11	45.47 3.54 -2.08	50.26 4.11 -2.96	65.15 5.13 -13.41	71.99 5.45 -19.10	124.20 6.27 -62.88	131.53 8.11 -50.34	133.25 10.68 -28.08	140.77 13.99 -10.12	219.81 12.98 -96.79	259.10 22.35 -62.18	236.57 23.43 -30.17	253.33 25.23 -26.25	227.21 22.51 -20.13	194.87 16.88 -31.13	150.23 9.61 -30.14	132.09 7.95 -45.35	117.74 6.65 -51.19	74.39 4.48 -23.26
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	45.13 1.04 -0.64	42.89 0.71 -0.23	39.00 0.49 -0.51	34.40 0.36 -1.07	34.52 0.49 -1.28	38.31 0.41 -0.65	40.85 0.68 -0.33	43.96 0.30 -0.47	48.09 0.84 -0.64	49.94 1.52 -0.99	58.92 1.93 -1.94	76.05 1.83 -1.14	96.61 2.08 -0.03	121.18 4.43 -0.09	117.38 4.95 -2.39	180.22 3.67 -1.98	192.83 5.31 -4.55	210.38 4.44 -4.09	191.12 4.61 -1.94	156.39 4.70 -4.83	120.84 5.52 -4.83	84.91 4.57 -1.55	64.16 2.28 -1.97	49.73 1.77 -1.30
BINGHAMTON___COGEN 23790	45.68 0.96 -1.27	43.25 0.88 -0.43	39.67 0.72 -0.96	35.56 0.59 -1.99	35.76 0.62 -2.39	39.16 0.71 -1.21	41.33 0.88 -0.61	44.97 0.91 -0.87	48.97 1.17 -1.20	50.75 1.47 -1.85	60.49 1.82 -3.62	77.47 2.27 -2.13	98.64 3.21 -0.93	123.88 4.67 -2.56	121.68 4.73 -6.92	188.66 6.46 -7.63	203.77 7.32 -13.48	222.17 7.67 -12.66	200.21 7.38 -8.26	166.76 6.32 -13.59	127.45 4.97 -11.99	85.63 3.62 -3.22	66.27 2.28 -4.09	50.89 1.54 -2.70
BIXINCNT_115KV_LOAD 355685	44.83 0.70 -0.68	42.61 0.42 -0.24	38.80 0.27 -0.54	34.23 0.13 -1.13	34.37 0.26 -1.35	38.16 0.22 -0.68	40.71 0.52 -0.35	43.86 0.17 -0.49	48.08 0.79 -0.68	50.00 1.52 -1.05	59.04 1.93 -2.05	76.26 1.97 -1.21	97.08 2.55 -0.03	122.59 5.83 -0.09	119.08 6.49 -2.56	181.21 4.54 -2.10	194.98 7.14 -4.87	212.88 6.66 -4.38	193.28 6.64 -2.07	158.20 6.17 -5.17	121.73 6.08 -5.17	85.34 4.89 -1.66	64.47 2.46 -2.11	49.73 1.68 -1.39
BLACK RIVER___HYD 24047	44.80 1.26 -0.08	43.32 1.30 -0.07	39.10 0.95 -0.16	34.10 0.79 -0.34	33.97 0.82 -0.40	38.49 1.04 -0.20	41.02 1.08 -0.10	44.37 1.03 -0.15	47.83 1.02 -0.20	48.83 1.09 -0.31	64.69 1.21 -8.43	90.64 0.52 -17.05	126.64 0.67 -31.47	187.76 0.70 -70.40	166.91 0.99 -55.88	200.36 1.05 -24.74	206.54 2.20 -21.36	232.06 3.22 -27.00	209.72 3.69 -21.46	231.06 4.84 -79.36	189.12 4.42 -74.21	128.81 2.99 -47.02	93.58 3.41 -30.26	49.13 2.47 0.00

BLACKRVR_115KV_TB2 79977	44.80 1.26 -0.08	43.32 1.30 -0.07	39.10 0.95 -0.16	34.10 0.79 -0.34	33.94 0.79 -0.40	38.50 1.04 -0.20	41.02 1.08 -0.10	44.37 1.04 -0.15	47.83 1.03 -0.20	48.83 1.09 -0.31	64.69 1.21 -8.43	92.10 1.97 -17.05	126.63 0.66 -31.47	187.76 0.70 -70.40	166.91 0.99 -55.88	200.36 1.05 -24.74	206.53 2.20 -21.37	232.07 3.23 -27.00	209.72 3.69 -21.46	231.07 4.85 -79.36	189.11 4.42 -74.21	128.81 2.99 -47.02	93.58 3.41 -30.26	49.13 2.47 0.00
BLISS_WT_PWR 323608	45.17 1.04 -0.68	42.65 0.46 -0.24	38.80 0.27 -0.54	34.23 0.13 -1.13	34.36 0.26 -1.35	38.16 0.22 -0.68	40.75 0.56 -0.35	43.90 0.22 -0.49	48.13 0.84 -0.68	49.95 1.47 -1.05	59.09 1.98 -2.05	76.69 2.41 -1.21	96.61 2.08 -0.03	122.70 5.95 -0.09	119.30 6.71 -2.56	181.38 4.72 -2.10	194.94 7.13 -4.83	212.84 6.65 -4.34	193.45 6.83 -2.06	158.15 6.17 -5.13	121.69 6.07 -5.13	85.33 4.89 -1.65	64.40 2.40 -2.09	49.76 1.73 -1.38
BLUE_CIRC_CHEM_DRP 24182	52.00 2.13 -6.42	45.79 2.01 -1.83	43.86 1.79 -4.09	43.00 1.52 -8.51	44.49 1.54 -10.20	44.12 1.71 -5.15	44.33 1.87 -2.61	48.81 1.90 -3.72	53.93 2.19 -5.13	57.29 1.94 -7.92	72.78 2.26 -15.47	83.78 1.61 -9.10	96.91 2.17 -0.23	118.72 2.68 0.62	132.81 2.42 -20.35	172.65 3.84 5.76	224.42 4.03 -37.42	239.77 4.44 -33.48	204.23 3.88 -15.79	189.34 3.08 -39.39	168.57 2.43 -55.65	98.65 1.97 -17.89	84.24 1.62 -22.72	63.69 2.05 -14.98
BOC_GAS_DRP 24189	51.45 1.65 -6.35	45.44 1.64 -1.86	43.62 1.48 -4.15	42.90 1.29 -8.64	44.35 1.24 -10.36	43.90 1.42 -5.23	44.05 1.55 -2.65	48.66 1.68 -3.78	53.78 1.96 -5.21	57.37 1.90 -8.04	73.02 2.26 -15.70	85.16 2.85 -9.23	98.52 3.78 -0.24	122.44 4.67 -1.12	141.70 4.18 -27.49	199.64 6.98 -18.09	240.86 7.14 -50.75	255.84 7.67 -46.33	213.49 6.83 -22.10	207.50 5.29 -55.35	168.46 3.76 -54.22	99.05 2.84 -17.42	84.38 2.34 -22.13	62.88 1.63 -14.59
BOONVILLE_115KV_TB1 79983	44.55 1.04 -0.06	43.04 1.05 -0.05	38.93 0.84 -0.10	33.88 0.69 -0.22	33.70 0.69 -0.26	38.27 0.89 -0.13	40.87 0.96 -0.07	44.32 1.04 -0.10	47.90 1.17 -0.13	48.87 1.23 -0.20	61.17 1.49 -4.63	84.32 2.34 -8.90	112.93 2.46 -15.97	155.34 2.57 -36.12	142.34 2.64 -29.67	191.03 3.67 -12.80	198.67 4.39 -11.31	221.49 5.25 -14.39	200.85 4.98 -11.30	192.38 4.55 -40.96	152.91 3.76 -38.67	106.76 2.52 -25.44	78.74 2.46 -16.38	48.38 1.73 0.00
BORALEX_4TH_BRANCH 23824	54.52 2.96 -8.11	46.66 2.85 -1.86	44.72 2.58 -4.15	43.86 2.24 -8.64	45.36 2.26 -10.36	45.05 2.57 -5.23	45.37 2.87 -2.65	49.86 3.31 -3.78	55.13 3.42 -5.21	58.89 3.31 -8.04	74.67 3.91 -15.70	87.35 5.04 -9.23	101.73 6.99 -0.24	127.07 8.98 -1.42	156.80 8.36 -38.41	204.82 12.92 -17.34	264.32 12.99 -68.36	279.59 14.12 -63.62	228.00 12.73 -30.72	234.33 10.28 -77.20	195.14 7.40 -77.25	109.13 5.51 -24.83	95.70 4.25 -31.54	70.53 3.08 -20.79
BOWLINE___1 23526	49.88 2.56 -3.87	45.86 2.52 -1.40	43.47 2.36 -3.12	41.45 1.98 -6.50	42.47 1.93 -7.79	43.38 2.20 -3.94	44.23 2.39 -2.00	48.93 2.89 -2.84	53.88 3.36 -3.92	57.13 3.65 -6.05	71.38 4.52 -11.81	85.94 5.92 -6.95	102.71 8.03 -0.18	127.92 10.73 -0.53	134.54 10.12 -14.39	204.00 17.46 -11.98	230.33 18.47 -28.89	246.81 19.79 -25.17	213.76 17.54 -11.65	188.56 12.77 -28.93	147.60 8.18 -28.94	93.61 5.51 -9.30	76.16 4.43 -11.82	57.20 2.75 -7.79
BOWLINE___2 23595	49.97 2.65 -3.87	45.94 2.60 -1.40	43.55 2.43 -3.12	41.52 2.04 -6.50	42.51 1.96 -7.79	43.46 2.27 -3.94	44.31 2.47 -2.00	49.01 2.98 -2.84	53.98 3.45 -3.92	57.22 3.75 -6.05	71.49 4.63 -11.81	86.09 6.06 -6.95	102.90 8.22 -0.18	128.16 10.96 -0.53	134.77 10.34 -14.39	204.36 17.81 -11.98	230.72 18.85 -28.89	247.20 20.18 -25.17	214.11 17.90 -11.65	188.86 13.07 -28.93	147.82 8.39 -28.95	93.77 5.68 -9.30	76.28 4.55 -11.82	57.29 2.85 -7.79
BRADY___115KV_TB2 356060	42.11 -1.35 0.00	40.81 -1.13 0.00	37.04 -0.95 0.00	32.28 -0.69 0.00	32.03 -0.72 0.00	36.39 -0.86 0.00	38.73 -1.12 0.00	41.85 -1.34 0.00	44.84 -1.77 0.00	45.25 -2.18 0.00	45.94 -2.81 6.31	45.33 -3.65 24.09	43.34 -5.39 45.77	37.84 -7.00 71.81	43.13 -6.82 60.08	53.27 -10.47 110.83	47.08 -10.61 125.28	46.85 -11.51 143.49	47.52 -10.15 126.90	38.25 -7.49 101.12	37.66 -5.30 67.52	37.30 -3.55 37.95	33.27 -2.22 24.42	45.35 -1.31 0.00
BRANSCOMB___SOLAR 323811	56.22 3.35 -9.42	46.89 3.02 -1.92	44.91 2.62 -4.30	44.13 2.21 -8.95	45.74 2.26 -10.73	45.20 2.53 -5.42	45.38 2.79 -2.75	49.74 2.64 -3.92	55.08 3.08 -5.40	59.03 3.27 -8.33	75.01 3.69 -16.27	87.83 5.19 -9.57	101.64 6.89 -0.25	127.13 8.75 -1.72	164.70 8.26 -46.41	205.93 12.92 -18.44	282.22 13.73 -85.52	294.85 14.94 -78.06	236.02 14.21 -37.24	252.04 11.89 -93.28	213.11 9.28 -93.35	115.57 6.78 -30.00	102.99 4.97 -38.11	75.65 3.87 -25.12
BRENTWOD_69_KV_W. BRTWOOD 56703	62.05 5.21 -13.38	54.10 5.08 -7.08	47.52 4.71 -4.82	43.63 3.89 -6.77	44.71 3.83 -8.13	45.59 4.25 -4.10	46.51 4.58 -2.08	51.29 5.14 -2.96	66.41 6.39 -13.42	73.32 6.78 -19.10	125.53 7.60 -62.88	159.02 9.57 -76.37	156.40 11.81 -50.09	143.10 14.82 -11.62	219.66 13.31 -96.31	259.45 22.69 -62.18	236.56 23.42 -30.17	253.53 25.43 -26.25	227.40 22.70 -20.13	194.47 17.48 -30.13	151.01 10.39 -30.14	150.69 9.06 -62.84	139.92 8.03 -71.98	86.63 5.55 -34.42
BRISTLHL_115KV_TB1 79998	43.23 -0.35 -0.13	41.68 -0.38 -0.11	37.82 -0.42 -0.25	33.09 -0.40 -0.51	33.00 -0.36 -0.62	37.15 -0.41 -0.31	39.64 -0.36 -0.16	42.94 -0.48 -0.22	46.59 -0.33 -0.31	47.77 -0.14 -0.48	56.92 -0.06 -1.92	75.67 0.00 -2.60	102.43 0.09 -7.84	136.05 0.00 -19.40	126.39 0.22 -16.13	197.89 0.17 -23.14	206.03 0.18 -22.87	226.19 0.00 -24.35	208.59 0.18 -23.85	173.92 0.59 -26.48	129.20 0.55 -18.17	85.38 0.63 -5.96	63.92 0.18 -3.84	46.61 -0.05 0.00
BROOKHAVEN___DRP 24191	61.70 4.87 -13.38	53.81 4.78 -7.08	47.33 4.52 -4.82	43.33 3.59 -6.77	44.45 3.57 -8.13	45.26 3.91 -4.10	46.19 4.26 -2.08	50.95 4.79 -2.96	66.09 6.06 -13.42	72.95 6.40 -19.11	125.10 7.16 -62.89	143.52 9.06 -61.38	151.44 11.62 -45.32	162.10 14.82 -30.62	240.89 13.64 -117.21	279.82 22.17 -83.08	254.22 22.14 -49.10	306.08 24.02 -80.22	250.82 21.41 -44.85	237.84 18.21 -72.77	151.24 10.61 -30.15	146.83 8.98 -59.06	135.11 7.73 -67.48	132.25 5.37 -80.23
BROOKLYN_NAVY_YARD 23515	50.56 3.09 -4.02	46.42 3.02 -1.45	44.09 2.85 -3.25	42.14 2.41 -6.77	43.18 2.33 -8.11	44.03 2.68 -4.10	44.83 2.91 -2.08	49.69 3.54 -2.96	54.83 4.15 -4.08	58.23 4.51 -6.29	72.75 5.40 -12.29	87.32 7.02 -7.23	104.14 9.45 -0.19	129.82 12.60 -0.56	136.57 11.55 -14.98	208.33 21.29 -12.47	235.43 22.31 -30.14	252.08 24.01 -26.23	217.73 21.03 -12.13	192.10 15.13 -30.11	150.34 9.72 -30.13	94.85 6.38 -9.68	77.54 5.33 -12.30	58.08 3.31 -8.11
BROOKLYN___ARMY_DRP 323595	50.55 3.09 -4.02	46.54 3.15 -1.45	44.24 3.00 -3.25	42.24 2.51 -6.77	43.25 2.39 -8.11	44.03 2.68 -4.10	44.79 2.87 -2.08	49.60 3.46 -2.95	54.73 4.05 -4.07	58.20 4.46 -6.31	88.70 5.56 -28.09	96.97 7.02 -16.87	117.66 9.64 -13.52	145.06 12.72 -15.69	136.45 11.44 -14.97	208.97 21.82 -12.58	352.71 22.69 -147.05	251.95 23.82 -26.28	234.88 20.86 -29.46	218.97 14.83 -57.28	133.53 9.39 -13.66	118.98 6.30 -33.88	84.53 5.15 -19.47	67.86 3.31 -17.89



BROOKVLE_69_KV_TB1 55790	60.79 3.95 -13.38	52.93 3.90 -7.08	46.38 3.57 -4.82	42.87 3.13 -6.77	43.96 3.08 -8.13	44.81 3.46 -4.10	45.51 3.59 -2.08	50.21 4.06 -2.96	65.01 4.99 -13.41	71.89 5.36 -19.10	124.37 6.44 -62.88	129.87 8.62 -48.17	132.38 11.62 -26.26	141.51 15.05 -9.80	220.43 14.08 -96.31	260.84 24.09 -62.18	238.39 25.25 -30.17	255.35 27.25 -26.25	228.87 24.18 -20.13	194.91 17.92 -30.13	151.56 10.94 -30.14	130.88 8.19 -43.90	115.84 6.47 -49.46	72.35 4.29 -21.40
BROOME_2_LFGE 323671	45.77 1.04 -1.27	43.26 0.88 -0.43	39.67 0.72 -0.96	35.56 0.59 -1.99	35.76 0.62 -2.39	39.16 0.71 -1.21	41.33 0.88 -0.61	44.97 0.91 -0.87	48.97 1.17 -1.20	50.71 1.42 -1.85	60.49 1.81 -3.62	77.61 2.41 -2.13	98.54 3.11 -0.93	123.89 4.67 -2.56	121.68 4.73 -6.92	188.67 6.46 -7.64	203.79 7.33 -13.49	222.18 7.67 -12.67	200.22 7.39 -8.27	166.77 6.31 -13.60	127.46 4.98 -12.00	85.72 3.70 -3.22	66.27 2.28 -4.09	50.94 1.59 -2.70
BROOME___LFGE 323600	45.77 1.04 -1.27	43.26 0.88 -0.43	39.67 0.72 -0.96	35.56 0.59 -1.99	35.76 0.62 -2.39	39.16 0.71 -1.21	41.33 0.88 -0.61	44.97 0.91 -0.87	48.97 1.17 -1.20	50.71 1.42 -1.85	60.49 1.81 -3.62	77.61 2.41 -2.13	98.54 3.11 -0.93	123.89 4.67 -2.56	121.68 4.73 -6.92	188.67 6.46 -7.64	203.79 7.33 -13.49	222.18 7.67 -12.67	200.22 7.39 -8.27	166.77 6.31 -13.60	127.46 4.98 -12.00	85.72 3.70 -3.22	66.27 2.28 -4.09	50.94 1.59 -2.70
BROWNFLS_115KV_TB_3_5 80003	42.67 -0.83 -0.04	41.31 -0.67 -0.04	37.43 -0.65 -0.08	32.65 -0.49 -0.17	32.43 -0.52 -0.21	36.79 -0.56 -0.10	39.18 -0.72 -0.05	42.40 -0.86 -0.08	45.59 -1.12 -0.10	46.26 -1.33 -0.16	73.80 -1.71 -20.45	114.66 -1.97 -43.55	168.06 -3.97 -77.53	282.15 -5.37 -170.85	239.29 -5.06 -134.32	209.06 -8.03 -42.52	209.19 -7.68 -33.90	241.26 -8.28 -47.69	210.69 -7.01 -33.14	330.30 -4.11 -187.55	289.94 -2.76 -182.22	197.84 -2.05 -121.10	137.30 -0.54 -77.93	46.38 -0.28 0.00
BROWNSV1_27_KV_LOAD 356125	51.08 3.61 -4.02	46.96 3.57 -1.45	44.54 3.31 -3.25	42.51 2.77 -6.77	43.58 2.72 -8.11	44.44 3.09 -4.10	45.27 3.35 -2.08	50.12 3.97 -2.96	55.35 4.66 -4.08	58.75 5.03 -6.29	73.41 6.06 -12.29	88.27 7.97 -7.23	105.46 10.77 -0.19	131.45 14.23 -0.56	138.00 12.98 -14.98	210.78 23.74 -12.47	237.81 24.70 -30.14	254.71 26.64 -26.23	220.32 23.62 -12.13	194.15 17.18 -30.11	151.88 11.27 -30.13	95.96 7.49 -9.68	78.20 5.99 -12.30	58.59 3.83 -8.11
BURROWS___LYONSDAL 23803	44.46 0.96 -0.06	42.96 0.96 -0.05	38.86 0.76 -0.11	33.82 0.63 -0.22	33.67 0.65 -0.27	38.20 0.82 -0.13	40.79 0.88 -0.07	44.20 0.91 -0.10	47.77 1.03 -0.13	48.68 1.04 -0.21	62.32 1.27 -6.00	86.96 1.97 -11.91	117.68 1.80 -21.38	166.40 1.75 -47.99	150.76 1.87 -38.86	192.92 2.62 -15.73	199.88 3.29 -13.61	223.51 4.04 -17.63	202.18 3.97 -13.56	204.78 4.06 -53.95	165.15 3.42 -51.25	114.74 2.28 -33.67	83.97 2.40 -21.67	48.34 1.68 0.00
CAITHNESS_CC_1 323624	61.66 4.82 -13.38	53.72 4.70 -7.08	47.25 4.44 -4.82	43.31 3.56 -6.78	44.38 3.51 -8.13	45.34 3.99 -4.11	46.07 4.14 -2.08	50.86 4.71 -2.96	66.00 5.97 -13.42	72.80 6.26 -19.11	124.99 7.05 -62.89	143.23 8.91 -61.24	150.98 11.24 -45.24	161.05 14.34 -30.05	250.37 13.20 -127.13	278.14 21.47 -82.10	253.69 22.50 -48.22	303.75 24.21 -77.69	250.03 21.77 -43.69	258.02 17.62 -93.54	150.79 10.16 -30.15	146.45 8.67 -58.99	134.86 7.55 -67.40	131.84 5.27 -79.92
CALPINE BETH_PAGE_GT4 24209	60.83 4.00 -13.38	52.97 3.94 -7.08	46.46 3.65 -4.82	42.81 3.07 -6.77	43.89 3.01 -8.13	44.70 3.35 -4.10	45.43 3.51 -2.08	50.13 3.97 -2.96	65.05 5.03 -13.41	71.94 5.41 -19.10	124.10 6.17 -62.88	130.86 8.04 -49.74	132.85 10.77 -27.58	140.69 14.00 -10.04	219.22 12.87 -96.31	259.10 22.34 -62.18	236.56 23.42 -30.17	253.33 25.23 -26.25	227.21 22.52 -20.13	193.88 16.89 -30.13	150.23 9.61 -30.14	131.62 7.88 -44.95	117.15 6.53 -50.71	74.02 4.39 -22.97
CALPINE_BETH_PAGE_GT_4 323586	60.83 4.00 -13.38	52.93 3.90 -7.08	46.46 3.65 -4.82	42.82 3.07 -6.78	43.89 3.01 -8.13	44.78 3.42 -4.11	45.39 3.46 -2.08	50.12 3.97 -2.96	65.06 5.04 -13.41	71.89 5.36 -19.10	124.15 6.22 -62.88	130.93 8.11 -49.74	132.85 10.77 -27.58	140.69 13.99 -10.04	219.57 12.87 -96.67	259.10 22.35 -62.18	236.57 23.43 -30.17	253.53 25.43 -26.25	227.21 22.51 -20.13	194.62 16.88 -30.88	150.23 9.61 -30.14	131.62 7.88 -44.95	117.15 6.53 -50.71	74.01 4.38 -22.97
CALPINE_BP_GT1 23823	60.83 4.00 -13.38	52.93 3.90 -7.08	46.46 3.65 -4.82	42.82 3.07 -6.78	43.89 3.01 -8.13	44.78 3.42 -4.11	45.39 3.46 -2.08	50.12 3.97 -2.96	65.06 5.04 -13.41	71.89 5.36 -19.10	124.15 6.22 -62.88	130.93 8.11 -49.74	132.85 10.77 -27.58	140.69 13.99 -10.04	219.57 12.87 -96.67	259.10 22.35 -62.18	236.57 23.43 -30.17	253.53 25.43 -26.25	227.21 22.51 -20.13	194.62 16.88 -30.88	150.23 9.61 -30.14	131.62 7.88 -44.95	117.15 6.53 -50.71	74.01 4.38 -22.97
CALSPAN___DRP 24200	45.21 1.13 -0.63	42.93 0.76 -0.23	39.03 0.53 -0.51	34.42 0.40 -1.06	34.54 0.52 -1.26	38.33 0.45 -0.64	40.89 0.72 -0.32	43.96 0.30 -0.46	48.03 0.79 -0.64	49.88 1.47 -0.98	58.84 1.87 -1.92	75.88 1.68 -1.13	96.33 1.80 -0.03	120.48 3.73 -0.09	116.69 4.29 -2.36	179.67 3.14 -1.95	191.67 4.21 -4.49	209.11 3.23 -4.03	189.98 3.51 -1.91	155.58 3.97 -4.76	120.22 4.97 -4.76	84.58 4.25 -1.53	63.95 2.10 -1.94	49.57 1.63 -1.28
CALVERTON___SOLAR 323806	61.91 5.08 -13.38	53.97 4.95 -7.08	47.48 4.67 -4.82	43.51 3.76 -6.78	44.58 3.70 -8.13	45.56 4.21 -4.11	46.31 4.38 -2.08	51.12 4.96 -2.96	66.32 6.29 -13.42	73.13 6.59 -19.11	125.43 7.49 -62.89	144.07 9.57 -61.43	152.04 12.20 -45.35	163.07 15.64 -30.78	252.69 14.41 -128.25	281.15 23.22 -83.36	256.29 23.96 -49.35	309.00 26.23 -80.93	253.18 23.44 -45.18	262.07 19.53 -95.68	152.13 11.49 -30.15	147.40 9.53 -59.08	135.50 8.08 -67.51	132.67 5.64 -80.37
CANDIGU_WT_PWR 323617	45.56 1.26 -0.85	43.12 0.88 -0.30	39.34 0.68 -0.66	34.88 0.53 -1.38	35.00 0.59 -1.66	38.76 0.67 -0.84	41.19 0.92 -0.42	44.48 0.69 -0.60	48.51 1.07 -0.83	50.14 1.42 -1.29	59.38 1.81 -2.51	76.89 2.34 -1.48	97.55 2.55 -0.50	122.70 4.67 -1.37	119.33 5.06 -4.23	184.43 5.23 -4.63	197.77 6.58 -8.22	215.98 6.46 -7.67	196.23 6.83 -4.83	161.66 6.45 -8.35	123.73 5.74 -7.51	85.44 4.57 -2.08	65.00 2.46 -2.64	50.31 1.91 -1.74
CARR STREET_E__SYR 24060	43.38 -0.22 -0.15	41.82 -0.25 -0.13	37.97 -0.31 -0.28	33.26 -0.30 -0.58	33.19 -0.26 -0.70	37.30 -0.30 -0.35	39.83 -0.20 -0.18	43.15 -0.30 -0.26	46.82 -0.14 -0.35	48.02 0.05 -0.54	57.14 0.22 -1.86	74.07 0.37 -0.62	96.23 0.47 -1.25	124.32 0.70 -6.96	119.28 0.88 -8.36	182.15 1.05 -6.53	189.80 1.10 -5.72	208.76 1.01 -5.90	191.50 0.93 -6.01	157.66 1.04 -9.76	119.53 0.88 -8.17	84.47 0.87 -4.81	63.31 0.30 -3.10	46.75 0.09 0.00
CARTHAGE___PAPER 23857	44.31 0.78 -0.08	42.85 0.84 -0.06	38.74 0.61 -0.14	33.77 0.50 -0.30	33.63 0.52 -0.36	38.10 0.67 -0.18	40.61 0.68 -0.09	43.93 0.60 -0.13	47.30 0.51 -0.18	48.18 0.47 -0.28	65.17 0.44 -9.67	91.29 -1.61 -19.82	128.65 -1.99 -36.14	194.63 -2.57 -80.53	171.79 -2.09 -63.85	196.80 -3.67 -25.91	202.25 -2.74 -22.01	228.12 -2.22 -28.49	205.26 -1.28 -21.98	237.57 0.59 -90.12	196.83 1.10 -85.25	134.39 0.71 -54.89	97.69 2.46 -35.33	48.43 1.77 0.00

CASSADAGA_WT_PWR 323784	46.47 2.34 -0.67	43.91 1.72 -0.24	39.93 1.41 -0.54	35.21 1.12 -1.12	35.36 1.28 -1.34	39.30 1.38 -0.68	41.98 1.79 -0.34	45.36 1.68 -0.49	49.61 2.33 -0.67	51.51 3.04 -1.04	60.93 3.85 -2.03	78.95 4.68 -1.19	99.54 5.01 -0.03	125.61 8.86 -0.09	122.02 9.46 -2.52	185.07 8.38 -2.12	197.98 10.24 -4.76	216.01 9.89 -4.28	196.55 9.96 -2.03	160.87 8.96 -5.05	123.83 8.29 -5.05	86.72 6.31 -1.62	65.38 3.41 -2.06	50.63 2.61 -1.36
CE_DUNWOOD___DRP 24194	50.46 3.00 -4.01	46.37 2.98 -1.45	43.97 2.74 -3.24	42.03 2.31 -6.75	43.13 2.29 -8.09	43.94 2.61 -4.09	44.75 2.83 -2.07	49.51 3.37 -2.95	54.59 3.91 -4.07	57.93 4.22 -6.28	72.44 5.12 -12.26	87.01 6.72 -7.21	103.76 9.07 -0.19	129.23 12.02 -0.55	136.09 11.11 -14.94	206.38 19.38 -12.43	233.34 20.31 -30.06	249.80 21.80 -26.15	216.04 19.38 -12.10	191.13 14.25 -30.03	149.81 9.28 -30.05	94.75 6.30 -9.66	77.21 5.03 -12.27	57.96 3.22 -8.09
CE_MILLWOOD___DRP 24193	50.36 2.91 -3.99	46.24 2.85 -1.44	43.84 2.62 -3.22	41.93 2.24 -6.71	42.99 2.19 -8.05	43.85 2.53 -4.06	44.66 2.75 -2.06	49.37 3.24 -2.94	54.43 3.78 -4.05	57.75 4.08 -6.24	72.15 4.90 -12.20	86.75 6.50 -7.17	103.48 8.79 -0.18	128.88 11.67 -0.55	135.79 10.89 -14.87	205.62 18.68 -12.37	232.64 19.76 -29.90	249.06 21.19 -26.02	215.43 18.83 -12.04	190.54 13.80 -29.88	149.33 8.95 -29.90	94.54 6.15 -9.61	76.96 4.85 -12.21	57.78 3.08 -8.05
CE_NYC2_DRP 24202	50.34 2.87 -4.02	46.38 2.98 -1.45	44.09 2.85 -3.25	42.15 2.41 -6.77	43.18 2.33 -8.11	43.95 2.61 -4.10	44.67 2.75 -2.08	49.43 3.28 -2.95	54.50 3.82 -4.07	57.84 4.13 -6.29	66.55 5.12 -6.38	81.82 6.58 -2.16	96.66 8.98 6.82	121.17 11.90 7.39	135.79 10.78 -14.97	207.46 20.42 -12.47	234.34 21.22 -30.14	250.48 22.40 -26.23	207.16 19.56 -3.03	176.64 13.95 -15.83	132.98 8.84 -13.65	81.66 5.91 3.04	71.62 4.79 -6.92	52.61 2.99 -2.97
CE_NYC_DRP 24195	50.60 3.13 -4.02	46.54 3.15 -1.45	44.16 2.93 -3.25	42.18 2.44 -6.77	43.25 2.39 -8.11	44.06 2.72 -4.10	44.87 2.95 -2.08	49.69 3.54 -2.96	54.88 4.19 -4.08	58.28 4.55 -6.29	72.80 5.45 -12.29	87.47 7.16 -7.23	104.33 9.64 -0.19	130.05 12.83 -0.56	136.79 11.77 -14.98	208.33 21.30 -12.47	235.44 22.32 -30.14	251.89 23.82 -26.23	217.73 21.04 -12.13	192.10 15.13 -30.11	150.33 9.72 -30.13	94.93 6.46 -9.68	77.48 5.27 -12.30	58.08 3.31 -8.11
CHAFFEE___LFGE 323603	45.41 1.30 -0.65	42.94 0.76 -0.23	39.05 0.53 -0.52	34.43 0.36 -1.09	34.58 0.52 -1.31	38.36 0.45 -0.66	40.90 0.72 -0.34	44.01 0.34 -0.48	48.15 0.88 -0.66	49.87 1.42 -1.02	59.02 1.98 -1.99	76.65 2.41 -1.17	96.52 1.99 -0.03	121.30 4.55 -0.09	117.66 5.17 -2.46	180.61 4.02 -2.03	193.11 5.48 -4.65	210.67 4.65 -4.18	191.33 4.79 -1.98	156.63 4.84 -4.93	121.05 5.63 -4.93	85.02 4.65 -1.59	64.20 2.28 -2.01	49.80 1.82 -1.33
CHATEAUG_35_KV_LOAD 355732	41.24 -2.22 0.00	39.89 -2.06 0.00	36.55 -1.44 0.00	31.78 -1.19 0.00	31.54 -1.21 0.00	35.83 -1.42 0.00	37.97 -1.87 0.00	40.95 -2.25 0.00	43.95 -2.66 0.00	44.35 -3.08 0.00	47.46 -3.91 3.68	49.58 -5.12 18.38	52.12 -6.71 35.68	58.56 -8.40 49.70	59.16 -8.03 42.84	55.67 -12.92 105.98	47.83 -13.54 121.61	49.67 -14.13 138.04	48.29 -12.92 123.35	59.68 -10.13 77.05	59.06 -7.51 43.91	50.97 -5.67 22.14	41.52 -4.13 14.25	43.86 -2.80 0.00
CHATEAUG_WT_PWR 323614	41.02 -2.43 0.00	39.72 -2.22 0.00	36.43 -1.56 0.00	31.68 -1.29 0.00	31.44 -1.31 0.00	35.72 -1.53 0.00	37.77 -2.07 0.00	40.69 -2.51 0.00	43.72 -2.89 0.00	44.20 -3.23 0.00	47.94 -4.13 2.99	50.65 -5.56 16.87	54.32 -7.19 33.00	63.95 -8.87 43.83	63.29 -8.47 38.28	56.25 -13.62 104.70	48.06 -14.27 120.64	49.89 -15.35 136.61	48.30 -13.85 122.42	65.32 -10.87 70.67	64.87 -7.96 37.65	54.92 -5.91 17.96	44.04 -4.31 11.56	43.62 -3.03 0.00
CHAT_HIGH_FALL_HYD 323578	41.24 -2.21 0.00	39.89 -2.05 0.00	36.55 -1.44 0.00	31.79 -1.19 0.00	31.54 -1.21 0.00	35.83 -1.42 0.00	37.97 -1.87 0.00	40.94 -2.25 0.00	43.95 -2.65 0.00	44.39 -3.04 0.00	47.47 -3.91 3.68	49.43 -5.26 18.38	52.12 -6.71 35.68	58.56 -8.40 49.70	59.16 -8.03 42.84	55.67 -12.92 105.99	47.82 -13.54 121.61	49.66 -14.13 138.05	48.28 -12.92 123.36	59.68 -10.13 77.05	59.06 -7.52 43.91	50.97 -5.67 22.14	41.52 -4.13 14.25	43.86 -2.80 0.00
CHAUTAUQUA___LFGE 323629	46.15 2.04 -0.65	43.69 1.51 -0.23	39.73 1.22 -0.52	35.05 0.99 -1.09	35.17 1.11 -1.31	39.07 1.16 -0.66	41.69 1.51 -0.34	44.96 1.29 -0.48	49.13 1.87 -0.66	50.96 2.51 -1.02	60.23 3.19 -1.99	78.11 3.87 -1.17	98.50 3.97 -0.03	123.87 7.12 -0.09	120.19 7.70 -2.46	183.95 7.33 -2.05	196.40 8.78 -4.65	214.30 8.28 -4.18	194.85 8.31 -1.98	159.57 7.78 -4.93	122.82 7.40 -4.93	86.21 5.83 -1.59	65.03 3.11 -2.01	50.45 2.47 -1.33
CHERRYST_13_KV_LD 356241	50.82 3.35 -4.02	46.71 3.31 -1.45	44.32 3.08 -3.25	42.31 2.57 -6.77	43.38 2.52 -8.11	44.25 2.91 -4.10	45.07 3.15 -2.08	49.95 3.80 -2.96	55.16 4.47 -4.08	58.56 4.84 -6.29	73.13 5.78 -12.29	87.91 7.60 -7.23	104.99 10.30 -0.19	130.75 13.53 -0.56	137.45 12.43 -14.98	209.55 22.52 -12.47	236.72 23.60 -30.14	253.30 25.23 -26.23	218.66 21.96 -12.13	192.83 15.86 -30.11	150.78 10.16 -30.13	95.33 6.85 -9.68	77.72 5.51 -12.30	58.26 3.50 -8.11
CHESTROR_138KV_BK263 355645	49.58 2.48 -3.65	45.70 2.43 -1.32	43.14 2.20 -2.95	40.99 1.88 -6.14	41.88 1.77 -7.36	42.98 2.01 -3.72	43.96 2.23 -1.89	48.56 2.68 -2.69	53.39 3.08 -3.70	56.51 3.37 -5.71	70.34 4.13 -11.16	85.12 5.48 -6.56	102.14 7.47 -0.17	127.08 9.92 -0.50	132.88 9.24 -13.60	201.77 15.89 -11.32	226.82 16.65 -27.20	243.55 17.96 -23.74	211.63 16.06 -11.01	186.24 12.04 -27.33	145.68 7.84 -27.35	92.94 5.36 -8.79	75.27 4.19 -11.17	56.68 2.66 -7.36
CH_MIDHUDSON___DRP 24192	50.59 3.00 -4.14	46.37 2.94 -1.49	43.98 2.66 -3.33	42.17 2.28 -6.93	43.21 2.16 -8.30	43.90 2.46 -4.19	44.68 2.71 -2.13	49.46 3.24 -3.03	54.47 3.68 -4.18	57.81 3.94 -6.44	72.49 4.84 -12.59	86.91 6.43 -7.40	103.48 8.79 -0.19	128.67 11.43 -0.57	136.19 10.67 -15.48	205.32 17.98 -12.77	232.31 18.85 -30.49	249.06 20.39 -26.83	215.34 18.27 -12.50	191.62 13.66 -31.10	150.78 9.17 -31.12	95.10 6.30 -10.00	77.59 4.97 -12.71	58.21 3.17 -8.38
CH_MISC_IPPS 23765	50.80 3.30 -4.05	46.59 3.19 -1.45	44.13 2.89 -3.25	42.18 2.44 -6.77	43.15 2.29 -8.11	43.95 2.61 -4.10	44.79 2.87 -2.08	49.65 3.50 -2.96	54.60 3.92 -4.08	57.95 4.22 -6.30	72.70 5.34 -12.30	87.55 7.24 -7.23	104.52 9.83 -0.19	130.05 12.83 -0.56	137.15 12.00 -15.12	207.29 20.24 -12.48	234.13 21.22 -29.94	251.32 23.20 -26.27	217.45 20.67 -12.22	192.96 15.72 -30.38	151.49 10.61 -30.40	95.73 7.17 -9.77	77.83 5.51 -12.41	58.38 3.54 -8.18
CH_RES_BVR_FALLS 23983	42.63 -0.83 0.00	41.15 -0.80 0.00	37.34 -0.65 0.00	32.41 -0.56 0.00	32.19 -0.56 0.00	36.62 -0.63 0.00	39.13 -0.72 0.00	42.42 -0.78 0.00	45.72 -0.89 0.00	46.43 -1.00 0.00	52.76 -1.32 0.98	63.51 -2.19 7.37	79.38 -3.03 12.09	95.01 -3.97 17.68	107.19 -3.85 -1.01	189.15 -6.11 -20.70	204.55 -6.41 -27.98	223.88 -6.86 -28.90	207.27 -6.09 -28.80	133.39 -4.84 8.63	92.59 -3.64 14.25	70.24 -2.68 5.88	54.57 -1.56 3.78	45.63 -1.03 0.00

CH_RES_NIAGARA 23895	44.33 0.31 -0.58	42.15 0.00 -0.21	38.34 -0.11 -0.47	33.81 -0.13 -0.97	33.91 0.00 -1.17	37.58 -0.26 -0.59	39.94 -0.20 -0.30	42.67 -0.95 -0.43	46.49 -0.70 -0.59	48.10 -0.24 -0.90	56.71 -0.11 -1.77	73.53 -0.59 -1.04	92.26 -2.27 -0.03	114.06 -2.68 -0.08	109.97 -2.20 -2.14	170.95 -5.41 -1.79	180.61 -6.41 -4.05	196.81 -8.67 -3.64	178.90 -7.39 -1.72	146.89 -4.26 -4.30	114.02 -0.77 -4.30	80.65 0.48 -1.38	61.06 -0.60 -1.76	47.67 -0.14 -1.16
CH_RES_SYRACUSE 23985	43.79 0.17 -0.16	42.25 0.17 -0.14	38.38 0.08 -0.31	33.62 0.00 -0.65	33.56 0.03 -0.78	37.72 0.07 -0.39	40.20 0.16 -0.20	43.39 -0.09 -0.28	47.04 0.05 -0.39	48.27 0.24 -0.60	57.33 0.39 -1.89	74.43 0.66 -0.69	97.77 0.94 -2.32	127.39 1.29 -9.45	121.54 1.43 -10.08	187.94 1.92 -11.45	195.68 2.02 -10.69	214.89 2.02 -11.03	197.83 2.03 -11.23	162.37 1.90 -13.61	122.00 1.55 -9.97	84.30 1.26 -4.26	63.24 0.60 -2.74	46.98 0.33 0.00
CLINTON_WT_PWR 323605	41.02 -2.43 0.00	39.72 -2.22 0.00	36.43 -1.56 0.00	31.68 -1.29 0.00	31.44 -1.31 0.00	35.72 -1.53 0.00	37.77 -2.07 0.00	40.69 -2.51 0.00	43.72 -2.89 0.00	44.20 -3.23 0.00	47.94 -4.13 2.99	50.65 -5.56 16.87	54.32 -7.19 33.00	63.95 -8.87 43.83	63.29 -8.47 38.28	56.25 -13.62 104.70	48.06 -14.27 120.64	49.89 -15.35 136.61	48.30 -13.85 122.42	65.32 -10.87 70.67	64.87 -7.96 37.65	54.92 -5.91 17.96	44.04 -4.31 11.56	43.62 -3.03 0.00
CLINTON___LFGE 323618	40.72 -2.74 0.00	39.47 -2.47 0.00	36.47 -1.52 0.00	31.75 -1.22 0.00	31.50 -1.24 0.00	35.76 -1.49 0.00	37.69 -2.15 0.00	40.47 -2.72 0.00	43.44 -3.17 0.00	43.87 -3.56 0.00	47.37 -4.51 3.17	49.75 -6.06 17.26	53.34 -7.47 33.70	61.96 -9.34 45.37	61.76 -8.81 39.47	55.40 -14.13 105.04	47.27 -14.81 120.89	49.12 -15.74 136.98	47.50 -14.40 122.66	63.06 -11.46 72.34	62.79 -8.40 39.29	53.36 -6.38 19.05	42.91 -4.73 12.26	43.34 -3.31 0.00
COBBLENY_34_KV_TB1 80064	45.19 1.09 -0.65	42.89 0.71 -0.23	39.05 0.53 -0.52	34.43 0.36 -1.09	34.55 0.49 -1.31	38.36 0.45 -0.66	40.90 0.72 -0.34	44.01 0.35 -0.48	48.15 0.89 -0.66	50.01 1.57 -1.02	59.02 1.98 -1.99	76.22 1.97 -1.17	96.80 2.27 -0.03	121.30 4.55 -0.09	117.66 5.17 -2.46	180.61 4.02 -2.03	193.14 5.49 -4.68	210.69 4.64 -4.20	191.35 4.80 -1.99	156.67 4.85 -4.96	121.08 5.63 -4.97	85.04 4.65 -1.60	64.21 2.28 -2.03	49.72 1.73 -1.34
COFFEEN___115KV_TB3 355620	45.19 1.65 -0.09	43.70 1.68 -0.07	39.41 1.25 -0.16	34.37 1.06 -0.34	34.21 1.05 -0.41	38.80 1.34 -0.21	41.34 1.39 -0.10	44.68 1.34 -0.15	48.16 1.35 -0.21	49.22 1.47 -0.32	64.91 1.65 -8.21	92.19 2.56 -16.56	126.65 1.51 -30.64	187.02 1.75 -68.61	166.49 1.98 -54.47	201.72 2.62 -24.53	208.43 4.21 -21.25	234.23 5.65 -26.73	211.66 5.72 -21.37	231.07 6.76 -77.45	188.70 5.97 -72.25	128.52 4.10 -45.63	93.47 4.19 -29.37	49.64 2.99 0.00
COLDSPRG_115KV_BK1 355956	45.84 1.69 -0.69	43.49 1.30 -0.25	39.57 1.03 -0.55	34.91 0.79 -1.15	35.08 0.95 -1.38	38.99 1.04 -0.70	41.63 1.43 -0.35	45.08 1.38 -0.50	49.31 2.00 -0.69	51.30 2.80 -1.07	60.56 3.41 -2.09	77.89 3.58 -1.23	99.45 4.91 -0.03	125.86 9.10 -0.10	122.44 9.79 -2.61	184.11 7.33 -2.20	198.55 10.43 -5.15	216.77 10.29 -4.63	196.90 10.15 -2.19	161.57 9.25 -5.46	124.12 8.18 -5.46	86.69 6.15 -1.76	65.43 3.29 -2.23	50.51 2.38 -1.47
COLONIE_LFGE___ 323577	54.80 2.56 -8.78	46.27 2.43 -1.89	44.39 2.16 -4.23	43.64 1.85 -8.82	45.18 1.87 -10.57	44.67 2.08 -5.34	44.86 2.31 -2.71	49.38 2.33 -3.86	54.63 2.70 -5.32	58.43 2.80 -8.20	74.32 3.25 -16.02	86.88 4.38 -9.42	100.70 5.96 -0.24	125.71 7.47 -1.57	159.57 7.05 -42.49	203.50 11.00 -17.93	272.04 11.35 -77.72	285.39 12.31 -71.23	229.89 11.26 -34.07	241.21 8.96 -85.39	202.67 6.74 -85.45	111.14 4.89 -27.46	98.57 3.78 -34.89	72.45 2.80 -23.00
COOPERNY_115KV_TB1 80082	48.02 1.82 -2.74	44.74 1.80 -0.99	41.83 1.63 -2.20	38.98 1.42 -4.59	39.59 1.34 -5.50	41.59 1.56 -2.78	42.93 1.67 -1.41	47.23 2.03 -2.01	51.70 2.33 -2.77	54.31 2.61 -4.27	66.59 3.19 -8.34	82.22 4.24 -4.90	100.39 5.76 -0.13	124.51 7.47 -0.38	127.34 7.04 -10.26	194.90 11.87 -8.46	215.87 12.63 -20.27	233.38 13.73 -17.81	205.22 12.37 -8.29	176.73 9.25 -20.62	137.19 6.08 -20.63	89.60 4.18 -6.63	71.62 3.29 -8.42	54.31 2.10 -5.55
COPENHAGEN_WT_PWR 323753	44.63 1.09 -0.09	43.15 1.13 -0.08	38.96 0.80 -0.17	33.98 0.66 -0.35	33.86 0.69 -0.42	38.36 0.89 -0.21	40.87 0.92 -0.11	44.21 0.86 -0.15	47.66 0.84 -0.21	48.71 0.95 -0.33	63.92 1.04 -7.82	89.21 0.44 -15.69	124.25 0.57 -29.17	182.67 0.59 -65.43	162.88 0.88 -51.97	199.61 0.88 -24.17	206.04 2.02 -21.05	230.93 2.82 -26.26	208.91 3.13 -21.21	225.20 4.26 -74.08	183.24 3.97 -68.79	124.71 2.76 -43.16	90.80 3.11 -27.78	48.85 2.19 0.00
CORNELL___ 23752	45.72 1.39 -0.87	43.54 1.30 -0.30	39.76 1.10 -0.67	35.25 0.89 -1.39	35.33 0.92 -1.66	39.21 1.12 -0.84	41.59 1.31 -0.43	45.14 1.34 -0.61	48.94 1.49 -0.84	50.48 1.75 -1.29	59.73 2.15 -2.52	77.48 2.92 -1.48	99.85 4.06 -1.29	125.42 5.25 -3.52	121.57 5.39 -6.14	190.44 7.68 -8.19	203.94 8.78 -12.19	223.46 9.89 -11.72	203.14 9.78 -8.80	167.29 8.52 -11.91	126.63 6.52 -9.63	85.78 4.81 -2.19	65.74 3.06 -2.78	50.59 2.10 -1.83
CORONA_AAV_69_KV_TB1 355595	61.05 4.21 -13.38	53.18 4.15 -7.08	46.65 3.84 -4.82	42.97 3.23 -6.77	44.05 3.18 -8.13	44.89 3.54 -4.10	45.47 3.55 -2.08	50.25 4.10 -2.96	65.10 5.08 -13.41	71.85 5.31 -19.10	124.26 6.33 -62.88	129.51 8.26 -48.17	131.91 11.15 -26.26	141.16 14.70 -9.80	219.99 13.64 -96.31	259.97 23.22 -62.18	238.02 24.88 -30.17	255.14 27.05 -26.25	228.87 24.18 -20.13	195.21 18.21 -30.13	151.34 10.72 -30.14	130.96 8.27 -43.90	115.96 6.59 -49.46	71.91 4.39 -20.86
CORTLAND_115KV_TB3 80093	45.09 0.96 -0.68	43.07 0.88 -0.24	39.26 0.72 -0.54	34.70 0.59 -1.13	34.70 0.59 -1.36	38.68 0.74 -0.69	41.07 0.88 -0.35	44.59 0.91 -0.50	48.41 1.12 -0.68	49.86 1.38 -1.05	59.50 1.71 -2.73	76.55 2.27 -1.21	98.95 3.12 -1.33	127.51 4.20 -6.66	124.41 4.18 -10.20	188.42 5.94 -7.91	200.63 6.77 -10.88	219.69 7.27 -10.58	199.96 7.01 -8.38	167.34 6.02 -14.46	127.77 4.64 -12.65	87.98 3.47 -5.73	66.91 2.28 -4.73	49.54 1.49 -1.39
COXSACKIE___GT 23611	53.27 3.74 -6.08	47.13 3.44 -1.75	44.82 2.93 -3.91	43.58 2.47 -8.13	44.69 2.19 -9.75	44.67 2.50 -4.92	45.33 2.99 -2.50	50.07 3.33 -3.56	55.01 3.50 -4.91	57.94 2.94 -7.57	73.25 3.41 -14.78	86.74 4.97 -8.69	102.10 7.38 -0.22	125.61 10.03 1.08	135.27 8.26 -16.98	177.48 14.83 11.92	229.96 15.54 -31.44	247.33 17.77 -27.72	213.95 16.42 -12.97	192.76 13.66 -32.24	173.65 10.71 -52.46	102.98 7.33 -16.86	86.47 5.15 -21.42	64.55 3.78 -14.12
CPV_VALLEY___CC1 323721	48.82 2.04 -3.32	45.16 2.01 -1.20	42.54 1.86 -2.68	40.14 1.58 -5.59	40.96 1.51 -6.70	42.35 1.71 -3.38	43.43 1.87 -1.72	47.92 2.29 -2.44	52.63 2.66 -3.37	55.52 2.89 -5.20	68.84 3.63 -10.16	83.80 4.75 -5.97	101.08 6.43 -0.15	125.63 8.51 -0.46	130.44 8.03 -12.38	198.66 13.79 -10.30	222.10 14.45 -24.67	238.96 15.54 -21.57	208.42 13.85 -10.01	182.01 10.28 -24.87	142.00 6.63 -24.89	91.28 4.49 -8.00	73.66 3.59 -10.16	55.59 2.24 -6.70

CPV_VALLEY___CC2 323722	48.82 2.04 -3.32	45.16 2.01 -1.20	42.54 1.86 -2.68	40.14 1.58 -5.59	40.96 1.51 -6.70	42.35 1.71 -3.38	43.43 1.87 -1.72	47.92 2.29 -2.44	52.63 2.66 -3.37	55.52 2.89 -5.20	68.84 3.63 -10.16	83.80 4.75 -5.97	101.08 6.43 -0.15	125.63 8.51 -0.46	130.44 8.03 -12.38	198.66 13.79 -10.30	222.10 14.45 -24.67	238.96 15.54 -21.57	208.42 13.85 -10.01	182.01 10.28 -24.87	142.00 6.63 -24.89	91.28 4.49 -8.00	73.66 3.59 -10.16	55.59 2.24 -6.70
CRESCENT___HYD 24018	54.80 2.56 -8.78	46.27 2.43 -1.89	44.39 2.16 -4.23	43.64 1.85 -8.82	45.18 1.87 -10.57	44.67 2.08 -5.34	44.86 2.31 -2.71	49.38 2.33 -3.86	54.63 2.70 -5.32	58.43 2.80 -8.20	74.32 3.25 -16.02	86.88 4.38 -9.42	100.70 5.96 -0.24	125.71 7.47 -1.57	159.57 7.05 -42.49	203.50 11.00 -17.93	272.04 11.35 -77.72	285.39 12.31 -71.23	229.89 11.26 -34.07	241.21 8.96 -85.39	202.67 6.74 -85.45	111.14 4.89 -27.46	98.57 3.78 -34.89	72.45 2.80 -23.00
CRICKET___VALLEY_CC1 323756	50.38 2.56 -4.37	46.01 2.52 -1.55	43.77 2.32 -3.47	42.13 1.94 -7.22	43.33 1.93 -8.65	43.85 2.23 -4.37	44.49 2.43 -2.22	49.07 2.72 -3.16	54.13 3.17 -4.35	57.51 3.37 -6.71	72.18 4.02 -13.11	85.83 5.04 -7.71	101.51 6.81 -0.20	126.37 9.11 -0.61	134.85 8.36 -16.46	201.87 13.97 -13.33	201.65 14.45 -4.23	234.48 15.54 -17.09	210.30 13.66 -12.08	190.22 10.28 -33.08	150.33 6.74 -33.11	94.24 4.81 -10.64	77.44 4.01 -13.52	58.18 2.61 -8.91
CRICKET___VALLEY_CC2 323757	50.38 2.56 -4.37	46.01 2.52 -1.55	43.77 2.32 -3.47	42.13 1.94 -7.22	43.33 1.93 -8.65	43.85 2.23 -4.37	44.49 2.43 -2.22	49.07 2.72 -3.16	54.13 3.17 -4.35	57.51 3.37 -6.71	72.18 4.02 -13.11	85.83 5.04 -7.71	101.51 6.81 -0.20	126.37 9.11 -0.61	134.85 8.36 -16.46	201.87 13.97 -13.33	201.65 14.45 -4.23	234.48 15.54 -17.09	210.30 13.66 -12.08	190.22 10.28 -33.08	150.33 6.74 -33.11	94.24 4.81 -10.64	77.44 4.01 -13.52	58.18 2.61 -8.91
CRICKET___VALLEY_CC3 323758	50.38 2.56 -4.37	46.01 2.52 -1.55	43.77 2.32 -3.47	42.13 1.94 -7.22	43.33 1.93 -8.65	43.85 2.23 -4.37	44.49 2.43 -2.22	49.07 2.72 -3.16	54.13 3.17 -4.35	57.51 3.37 -6.71	72.18 4.02 -13.11	85.83 5.04 -7.71	101.51 6.81 -0.20	126.37 9.11 -0.61	134.85 8.36 -16.46	201.87 13.97 -13.33	201.65 14.45 -4.23	234.48 15.54 -17.09	210.30 13.66 -12.08	190.22 10.28 -33.08	150.33 6.74 -33.11	94.24 4.81 -10.64	77.44 4.01 -13.52	58.18 2.61 -8.91
CRUCIBLE_METL_DRP 24180	43.79 0.17 -0.16	42.25 0.17 -0.14	38.34 0.04 -0.31	33.62 0.00 -0.65	33.56 0.03 -0.78	37.72 0.07 -0.39	40.20 0.16 -0.20	43.39 -0.09 -0.28	47.04 0.05 -0.39	48.32 0.28 -0.60	57.38 0.44 -1.89	74.36 0.58 -0.69	97.77 0.95 -2.32	127.39 1.28 -9.45	121.55 1.43 -10.08	187.94 1.92 -11.45	195.68 2.01 -10.69	214.89 2.02 -11.03	197.83 2.03 -11.23	162.38 1.91 -13.61	122.00 1.55 -9.97	84.31 1.26 -4.25	63.24 0.60 -2.74	46.98 0.33 0.00
DAHOWA___HYDRO 323763	56.53 3.56 -9.51	47.02 3.15 -1.93	45.04 2.74 -4.31	44.22 2.27 -8.98	45.83 2.33 -10.76	45.29 2.61 -5.43	45.51 2.91 -2.76	49.84 2.72 -3.93	55.23 3.21 -5.41	59.20 3.42 -8.35	75.16 3.80 -16.31	88.15 5.48 -9.59	102.03 7.28 -0.25	127.50 9.11 -1.74	165.69 8.69 -46.96	206.54 13.44 -18.52	284.06 14.45 -86.64	296.63 15.75 -79.03	237.39 15.14 -37.69	253.88 12.63 -94.39	214.88 9.95 -94.45	116.39 7.24 -30.35	103.74 5.27 -38.56	76.23 4.15 -25.42
DANC___LFGE 323619	44.04 0.48 -0.10	42.54 0.51 -0.09	38.49 0.30 -0.20	33.58 0.20 -0.41	33.47 0.23 -0.49	37.83 0.33 -0.25	40.33 0.36 -0.13	43.68 0.30 -0.18	47.18 0.33 -0.25	48.29 0.47 -0.38	61.28 0.55 -5.67	84.07 0.07 -10.92	115.72 0.09 -21.13	164.74 0.12 -47.96	148.71 0.44 -38.23	196.90 0.17 -22.16	203.64 0.73 -19.93	226.75 1.22 -23.68	206.35 1.47 -20.31	204.90 2.49 -55.54	162.68 2.43 -49.77	110.21 1.81 -29.60	80.82 1.86 -19.05	47.96 1.30 0.00
DANSKAMMER___1 23586	50.80 3.30 -4.05	46.59 3.19 -1.45	44.13 2.89 -3.25	42.18 2.44 -6.77	43.15 2.29 -8.11	43.95 2.61 -4.10	44.79 2.87 -2.08	49.65 3.50 -2.96	54.60 3.92 -4.08	57.95 4.22 -6.30	72.70 5.34 -12.30	87.55 7.24 -7.23	104.52 9.83 -0.19	130.05 12.83 -0.56	137.15 12.00 -15.12	207.29 20.24 -12.48	234.13 21.22 -29.94	251.32 23.20 -26.27	217.45 20.67 -12.22	192.96 15.72 -30.38	151.49 10.61 -30.40	95.73 7.17 -9.77	77.83 5.51 -12.41	58.38 3.54 -8.18
DANSKAMMER___2 23589	50.80 3.30 -4.05	46.59 3.19 -1.45	44.13 2.89 -3.25	42.18 2.44 -6.77	43.15 2.29 -8.11	43.95 2.61 -4.10	44.79 2.87 -2.08	49.65 3.50 -2.96	54.60 3.92 -4.08	57.95 4.22 -6.30	72.70 5.34 -12.30	87.55 7.24 -7.23	104.52 9.83 -0.19	130.05 12.83 -0.56	137.15 12.00 -15.12	207.29 20.24 -12.48	234.13 21.22 -29.94	251.32 23.20 -26.27	217.45 20.67 -12.22	192.96 15.72 -30.38	151.49 10.61 -30.40	95.73 7.17 -9.77	77.83 5.51 -12.41	58.38 3.54 -8.18
DANSKAMMER___3 23590	50.80 3.30 -4.05	46.59 3.19 -1.45	44.13 2.89 -3.25	42.18 2.44 -6.77	43.15 2.29 -8.11	43.95 2.61 -4.10	44.79 2.87 -2.08	49.65 3.50 -2.96	54.60 3.92 -4.08	57.95 4.22 -6.30	72.70 5.34 -12.30	87.55 7.24 -7.23	104.52 9.83 -0.19	130.05 12.83 -0.56	137.15 12.00 -15.12	207.29 20.24 -12.48	234.13 21.22 -29.94	251.32 23.20 -26.27	217.45 20.67 -12.22	192.96 15.72 -30.38	151.49 10.61 -30.40	95.73 7.17 -9.77	77.83 5.51 -12.41	58.38 3.54 -8.18
DANSKAMMER___4 23591	50.80 3.30 -4.05	46.59 3.19 -1.45	44.13 2.89 -3.25	42.18 2.44 -6.77	43.15 2.29 -8.11	43.95 2.61 -4.10	44.79 2.87 -2.08	49.65 3.50 -2.96	54.60 3.92 -4.08	57.95 4.22 -6.30	72.70 5.34 -12.30	87.55 7.24 -7.23	104.52 9.83 -0.19	130.05 12.83 -0.56	137.15 12.00 -15.12	207.29 20.24 -12.48	234.13 21.22 -29.94	251.32 23.20 -26.27	217.45 20.67 -12.22	192.96 15.72 -30.38	151.49 10.61 -30.40	95.73 7.17 -9.77	77.83 5.51 -12.41	58.38 3.54 -8.18
DANSKAMMER___DIESEL 23592	50.76 3.26 -4.05	46.59 3.19 -1.45	44.13 2.89 -3.25	42.18 2.44 -6.77	43.15 2.29 -8.11	43.96 2.61 -4.10	44.79 2.87 -2.08	49.65 3.50 -2.96	54.60 3.91 -4.08	57.95 4.22 -6.30	72.70 5.34 -12.30	87.47 7.16 -7.23	104.52 9.83 -0.19	130.05 12.83 -0.56	137.14 11.99 -15.12	207.30 20.25 -12.48	234.14 21.22 -29.94	251.33 23.21 -26.27	217.45 20.67 -12.22	192.95 15.71 -30.38	151.49 10.61 -30.40	95.73 7.17 -9.77	77.83 5.51 -12.41	58.34 3.50 -8.18
DARBY___SOLAR 323810	56.27 3.39 -9.43	46.93 3.06 -1.92	44.95 2.66 -4.30	44.13 2.21 -8.95	45.74 2.26 -10.73	45.20 2.53 -5.42	45.42 2.83 -2.75	49.83 2.72 -3.92	55.22 3.21 -5.40	59.18 3.42 -8.33	75.18 3.85 -16.27	88.05 5.41 -9.57	101.93 7.18 -0.25	127.36 8.98 -1.72	165.06 8.59 -46.44	206.28 13.26 -18.45	282.64 14.09 -85.57	295.50 15.54 -78.11	236.60 14.77 -37.27	252.24 12.05 -93.34	213.27 9.39 -93.40	115.66 6.85 -30.02	103.07 5.03 -38.13	75.71 3.92 -25.14
DASHVILLE___HYD 23610	50.11 2.17 -4.49	45.63 2.18 -1.51	43.37 2.01 -3.37	41.66 1.68 -7.01	42.69 1.54 -8.40	43.24 1.75 -4.24	43.95 1.95 -2.15	48.80 2.55 -3.07	53.77 2.94 -4.23	57.22 3.27 -6.52	71.97 4.18 -12.74	86.41 5.85 -7.49	102.92 8.22 -0.19	128.99 12.25 -0.08	134.55 9.46 -15.05	199.34 19.38 -5.40	231.17 19.03 -29.17	247.28 19.78 -25.65	213.68 17.16 -11.96	189.07 12.48 -29.73	153.93 8.07 -35.38	95.60 5.44 -11.37	78.66 4.31 -14.45	58.56 2.38 -9.52

DEERFIELD_69_KV_DEERFIELD LD 355887	63.39 6.56 -13.38	55.44 6.42 -7.08	48.78 5.96 -4.82	44.55 4.81 -6.77	45.66 4.78 -8.13	46.64 5.29 -4.10	47.66 5.74 -2.08	52.59 6.44 -2.96	68.14 8.11 -13.42	75.18 8.63 -19.11	127.85 9.91 -62.89	147.67 13.08 -61.52	156.91 17.01 -45.40	169.66 21.82 -31.19	248.46 20.25 -118.18	289.69 31.07 -84.05	264.24 31.29 -49.98	318.26 33.71 -82.71	261.38 30.82 -45.99	248.10 26.73 -74.51	157.32 16.68 -30.15	151.07 13.16 -59.12	138.06 10.60 -67.55	134.71 7.51 -80.54
DELAWARE___LFGE 323621	47.60 1.87 -2.28	44.28 1.80 -0.53	40.76 1.60 -1.18	36.80 1.38 -2.45	37.06 1.38 -2.93	40.37 1.64 -1.48	42.35 1.75 -0.75	46.25 1.99 -1.07	50.37 2.28 -1.48	52.22 2.51 -2.28	62.59 3.08 -4.45	79.86 4.17 -2.62	100.57 5.58 -0.49	125.10 6.88 -1.56	128.22 6.49 -11.69	191.51 10.13 -6.82	216.09 10.80 -22.32	233.88 11.71 -20.33	205.99 10.70 -10.72	178.72 8.52 -23.34	139.69 6.63 -22.57	90.38 4.65 -6.94	72.20 3.47 -8.82	54.85 2.38 -5.82
DERFIELD_115KV_TB7 355931	43.67 0.22 0.00	42.20 0.25 0.00	38.18 0.19 0.00	33.14 0.16 0.00	32.91 0.16 0.00	37.44 0.19 0.00	40.08 0.24 0.00	43.45 0.26 0.00	46.93 0.33 0.00	47.81 0.38 0.00	56.12 0.44 -0.63	73.73 0.66 0.00	95.46 0.85 -0.10	120.41 0.93 -2.82	116.02 0.88 -5.10	178.78 1.22 -2.99	187.89 1.28 -3.63	207.25 1.41 -3.99	189.56 1.29 -3.70	152.48 1.03 -4.59	115.46 0.77 -4.20	83.18 0.63 -3.76	62.87 0.54 -2.42	46.98 0.33 0.00
DOGLEVILLE___HYD 23807	43.84 0.39 0.00	42.32 0.38 0.00	38.29 0.30 0.00	33.20 0.23 0.00	33.01 0.26 0.00	37.58 0.33 0.00	40.24 0.40 0.00	43.62 0.43 0.00	47.12 0.51 0.00	48.00 0.57 0.00	56.39 0.71 -0.63	74.61 1.54 0.00	96.50 1.89 -0.10	120.88 1.40 -2.82	116.46 1.33 -5.10	179.31 1.75 -2.99	188.81 2.20 -3.63	207.85 2.02 -3.99	190.11 1.85 -3.70	152.92 1.47 -4.59	116.23 1.55 -4.20	83.66 1.10 -3.76	63.28 0.96 -2.42	47.36 0.70 0.00
DUNKIRK___115KV_TB_200 55889	45.89 1.78 -0.65	43.61 1.43 -0.23	39.65 1.14 -0.52	34.98 0.92 -1.09	35.10 1.05 -1.31	38.99 1.08 -0.66	41.61 1.43 -0.33	44.83 1.17 -0.48	49.03 1.77 -0.66	50.91 2.47 -1.01	60.12 3.08 -1.98	77.46 3.22 -1.16	98.50 3.97 -0.03	123.52 6.77 -0.09	119.86 7.37 -2.45	183.42 6.81 -2.04	195.93 8.23 -4.72	213.76 7.67 -4.24	194.51 7.94 -2.01	159.21 7.34 -5.01	122.67 7.18 -5.01	86.07 5.67 -1.61	65.01 3.06 -2.05	50.29 2.29 -1.35
DUNKIRK___1 23563	45.89 1.78 -0.65	43.61 1.43 -0.23	39.65 1.14 -0.52	34.98 0.92 -1.09	35.10 1.05 -1.31	38.99 1.08 -0.66	41.61 1.43 -0.33	44.83 1.17 -0.48	49.03 1.77 -0.66	50.91 2.47 -1.01	60.12 3.08 -1.98	77.46 3.22 -1.16	98.50 3.97 -0.03	123.52 6.77 -0.09	119.86 7.37 -2.45	183.42 6.81 -2.04	195.93 8.23 -4.72	213.76 7.67 -4.24	194.51 7.94 -2.01	159.21 7.34 -5.01	122.67 7.18 -5.01	86.07 5.67 -1.61	65.01 3.06 -2.05	50.29 2.29 -1.35
DUNKIRK___2 23564	45.89 1.78 -0.65	43.61 1.43 -0.23	39.65 1.14 -0.52	34.98 0.92 -1.09	35.10 1.05 -1.31	38.99 1.08 -0.66	41.61 1.43 -0.33	44.83 1.17 -0.48	49.03 1.77 -0.66	50.91 2.47 -1.01	60.12 3.08 -1.98	77.46 3.22 -1.16	98.50 3.97 -0.03	123.52 6.77 -0.09	119.86 7.37 -2.45	183.42 6.81 -2.04	195.93 8.23 -4.72	213.76 7.67 -4.24	194.51 7.94 -2.01	159.21 7.34 -5.01	122.67 7.18 -5.01	86.07 5.67 -1.61	65.01 3.06 -2.05	50.29 2.29 -1.35
DUNKIRK___3 23565	45.49 1.39 -0.65	43.23 1.05 -0.23	39.35 0.84 -0.52	34.68 0.63 -1.09	34.80 0.75 -1.30	38.65 0.74 -0.66	41.25 1.08 -0.33	44.44 0.78 -0.47	48.57 1.30 -0.65	50.43 1.99 -1.01	59.50 2.48 -1.97	76.65 2.41 -1.16	97.46 2.93 -0.03	122.23 5.48 -0.09	118.52 6.05 -2.44	182.00 5.41 -2.02	194.40 6.77 -4.66	212.09 6.06 -4.19	193.00 6.46 -1.98	157.97 6.17 -4.94	121.73 6.30 -4.94	85.42 5.04 -1.59	64.56 2.64 -2.02	49.95 1.96 -1.33
DUNKIRK___4 23566	45.49 1.39 -0.65	43.23 1.05 -0.23	39.35 0.84 -0.52	34.68 0.63 -1.09	34.80 0.75 -1.30	38.65 0.74 -0.66	41.25 1.08 -0.33	44.44 0.78 -0.47	48.57 1.30 -0.65	50.43 1.99 -1.01	59.50 2.48 -1.97	76.65 2.41 -1.16	97.46 2.93 -0.03	122.23 5.48 -0.09	118.52 6.05 -2.44	182.00 5.41 -2.02	194.40 6.77 -4.66	212.09 6.06 -4.19	193.00 6.46 -1.98	157.97 6.17 -4.94	121.73 6.30 -4.94	85.42 5.04 -1.59	64.56 2.64 -2.02	49.95 1.96 -1.33
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	50.60 3.13 -4.02	46.50 3.10 -1.45	44.09 2.85 -3.25	42.15 2.41 -6.77	43.22 2.36 -8.11	44.07 2.72 -4.10	44.87 2.95 -2.08	49.65 3.50 -2.96	54.74 4.05 -4.08	58.14 4.41 -6.29	72.64 5.29 -12.30	87.25 6.94 -7.23	104.04 9.36 -0.19	129.58 12.37 -0.56	136.46 11.44 -14.98	207.11 20.08 -12.47	234.16 21.04 -30.14	250.68 22.61 -26.23	216.81 20.12 -12.13	191.66 14.69 -30.11	150.23 9.61 -30.13	95.01 6.54 -9.68	77.42 5.21 -12.30	58.12 3.36 -8.11
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	50.12 2.78 -3.89	46.07 2.73 -1.40	43.58 2.47 -3.12	41.56 2.08 -6.51	42.51 1.96 -7.80	43.42 2.23 -3.94	44.31 2.47 -2.00	49.02 2.98 -2.85	53.93 3.40 -3.92	57.18 3.70 -6.05	71.50 4.62 -11.82	86.24 6.21 -6.95	103.19 8.51 -0.18	128.28 11.08 -0.54	134.91 10.34 -14.53	204.37 17.81 -12.00	230.47 18.66 -28.83	247.30 20.18 -25.27	214.40 18.09 -11.75	189.72 13.66 -29.20	148.77 9.06 -29.22	94.33 6.15 -9.39	76.63 4.79 -11.93	57.51 2.99 -7.87
E179THST_138_KV_TB4_REV_LBMP_J 345001	50.44 2.95 -4.03	46.47 3.06 -1.46	44.21 2.96 -3.26	42.15 2.41 -6.77	43.18 2.33 -8.11	43.84 2.50 -4.10	44.47 2.55 -2.08	49.21 3.07 -2.95	54.41 3.73 -4.07	57.84 4.13 -6.29	72.52 5.18 -12.29	86.95 6.65 -7.22	103.75 9.07 -0.18	129.22 12.02 -0.55	135.90 10.89 -14.97	207.64 20.60 -12.47	234.70 21.59 -30.14	250.68 22.61 -26.23	216.45 19.75 -12.14	191.06 14.10 -30.10	149.55 8.95 -30.12	94.47 5.99 -9.69	77.07 4.85 -12.31	57.85 3.08 -8.12
E179THST_13_KV_LOAD 356214	50.79 3.30 -4.03	46.80 3.40 -1.46	44.48 3.23 -3.26	42.38 2.64 -6.77	43.41 2.55 -8.11	44.10 2.76 -4.10	44.75 2.83 -2.08	49.51 3.37 -2.95	54.78 4.10 -4.07	58.22 4.51 -6.29	73.01 5.67 -12.29	87.53 7.23 -7.22	104.51 9.83 -0.18	130.16 12.95 -0.55	136.78 11.77 -14.97	209.39 22.34 -12.47	236.35 23.24 -30.14	252.70 24.63 -26.23	218.30 21.59 -12.14	192.38 15.42 -30.10	150.66 10.05 -30.12	95.10 6.62 -9.69	77.61 5.39 -12.31	58.23 3.45 -8.12
EAST HAMPTON___GT 23717	64.39 7.56 -13.38	56.45 7.43 -7.08	49.69 6.88 -4.82	45.32 5.57 -6.78	46.41 5.54 -8.13	47.58 6.22 -4.11	48.50 6.57 -2.08	53.58 7.43 -2.96	69.31 9.28 -13.42	76.41 9.87 -19.11	129.45 11.51 -62.89	150.01 15.42 -61.52	159.84 19.93 -45.40	173.54 25.66 -31.22	262.72 23.76 -128.92	296.38 37.70 -84.11	269.80 36.79 -50.04	325.30 40.58 -82.87	267.18 36.55 -46.07	274.98 31.43 -96.69	160.64 20.00 -30.15	153.28 15.37 -59.12	139.68 12.22 -67.56	135.98 8.77 -80.55
EAST RIVER___6 23660	50.78 3.30 -4.02	46.63 3.23 -1.45	44.24 3.00 -3.25	42.24 2.50 -6.77	43.28 2.42 -8.11	44.14 2.80 -4.10	44.95 3.03 -2.08	49.87 3.71 -2.96	55.07 4.38 -4.08	58.47 4.74 -6.29	73.08 5.73 -12.29	87.68 7.38 -7.23	104.52 9.83 -0.19	130.39 13.18 -0.56	137.01 12.00 -14.98	209.03 22.00 -12.47	236.17 23.05 -30.14	252.69 24.62 -26.23	218.28 21.58 -12.13	192.39 15.42 -30.11	150.44 9.83 -30.13	95.09 6.62 -9.68	77.66 5.45 -12.30	58.22 3.45 -8.11

EAST RIVER___7 23524	50.78 3.30 -4.02	46.63 3.23 -1.45	44.24 3.00 -3.25	42.24 2.50 -6.77	43.28 2.42 -8.11	44.14 2.80 -4.10	44.95 3.03 -2.08	49.87 3.71 -2.96	55.07 4.38 -4.08	58.47 4.74 -6.29	73.08 5.73 -12.29	87.68 7.38 -7.23	104.52 9.83 -0.19	130.39 13.18 -0.56	137.01 12.00 -14.98	209.03 22.00 -12.47	236.17 23.05 -30.14	252.69 24.62 -26.23	218.28 21.58 -12.13	192.39 15.42 -30.11	150.44 9.83 -30.13	95.09 6.62 -9.68	77.66 5.45 -12.30	58.22 3.45 -8.11
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	50.46 3.00 -4.01	46.37 2.98 -1.45	43.97 2.74 -3.24	42.03 2.31 -6.75	43.13 2.29 -8.09	43.94 2.61 -4.09	44.75 2.83 -2.07	49.51 3.37 -2.95	54.59 3.91 -4.07	57.93 4.22 -6.28	72.44 5.12 -12.26	87.01 6.72 -7.21	103.76 9.07 -0.19	129.23 12.02 -0.55	136.09 11.11 -14.94	206.38 19.38 -12.43	233.34 20.31 -30.06	249.80 21.80 -26.15	216.04 19.38 -12.10	191.13 14.25 -30.03	149.81 9.28 -30.05	94.75 6.30 -9.66	77.21 5.03 -12.27	57.96 3.22 -8.09
EAST_HAMPTON___DIESEL 23722	64.44 7.60 -13.38	56.45 7.43 -7.08	49.69 6.88 -4.82	45.32 5.57 -6.78	46.45 5.57 -8.13	47.58 6.22 -4.11	48.54 6.62 -2.08	53.62 7.47 -2.96	69.35 9.32 -13.42	76.46 9.92 -19.11	129.51 11.57 -62.89	150.09 15.49 -61.52	159.93 20.03 -45.40	173.54 25.66 -31.22	262.72 23.76 -128.92	296.37 37.70 -84.10	269.79 36.79 -50.03	325.29 40.58 -82.86	267.18 36.55 -46.06	274.98 31.43 -96.68	160.64 20.00 -30.15	153.36 15.45 -59.12	139.74 12.28 -67.56	135.98 8.77 -80.55
EAST_PULASKI___ESR 323781	43.40 -0.17 -0.12	41.88 -0.17 -0.10	37.95 -0.27 -0.23	33.18 -0.26 -0.47	33.08 -0.23 -0.56	37.31 -0.22 -0.28	39.79 -0.20 -0.14	43.09 -0.30 -0.21	46.66 -0.23 -0.28	47.82 -0.05 -0.44	58.56 0.00 -3.51	79.26 0.07 -6.11	107.72 -0.38 -13.60	148.25 -0.35 -31.94	135.59 -0.11 -25.67	196.57 -0.70 -22.70	203.88 -0.55 -21.45	225.26 -0.40 -23.82	206.58 -0.18 -22.20	186.67 0.59 -39.22	143.17 0.77 -31.91	95.53 0.79 -15.95	70.77 0.60 -10.27	46.94 0.28 0.00
EAST_RIVER___1 323558	50.65 3.17 -4.02	46.50 3.10 -1.45	44.16 2.93 -3.25	42.18 2.44 -6.77	43.25 2.39 -8.11	44.06 2.72 -4.10	44.87 2.95 -2.08	49.69 3.54 -2.96	54.88 4.20 -4.08	58.23 4.51 -6.29	72.85 5.50 -12.29	87.47 7.17 -7.23	104.33 9.64 -0.19	130.05 12.83 -0.56	136.80 11.78 -14.98	208.33 21.29 -12.47	235.43 22.31 -30.14	252.08 24.01 -26.23	217.73 21.03 -12.13	192.10 15.13 -30.11	150.34 9.72 -30.13	94.94 6.46 -9.68	77.48 5.27 -12.30	58.08 3.31 -8.11
EAST_RIVER___2 323559	50.78 3.30 -4.02	46.63 3.23 -1.45	44.24 3.00 -3.25	42.24 2.50 -6.77	43.28 2.42 -8.11	44.14 2.80 -4.10	44.95 3.03 -2.08	49.87 3.71 -2.96	55.07 4.38 -4.08	58.47 4.74 -6.29	73.08 5.73 -12.29	87.68 7.38 -7.23	104.52 9.83 -0.19	130.39 13.18 -0.56	137.01 12.00 -14.98	209.03 22.00 -12.47	236.17 23.05 -30.14	252.69 24.62 -26.23	218.28 21.58 -12.13	192.39 15.42 -30.11	150.44 9.83 -30.13	95.09 6.62 -9.68	77.66 5.45 -12.30	58.22 3.45 -8.11
EAST___DELAWARE_HYD 23607	49.19 2.13 -3.61	45.30 2.10 -1.26	42.67 1.86 -2.82	40.39 1.55 -5.87	41.16 1.38 -7.04	42.41 1.60 -3.56	43.44 1.79 -1.80	48.09 2.33 -2.57	52.80 2.66 -3.54	55.84 2.94 -5.46	69.69 3.97 -10.67	84.47 5.11 -6.28	101.84 7.18 -0.16	124.06 7.12 -0.28	129.53 6.71 -12.78	194.43 12.04 -7.83	221.04 12.99 -25.07	238.40 14.54 -22.01	208.28 13.47 -10.25	182.18 9.84 -25.47	144.40 6.18 -27.73	93.53 5.83 -8.91	75.66 4.43 -11.32	56.68 2.56 -7.46
EIGHT_POINT___WT_PWR 323820	46.06 1.82 -0.79	43.65 1.43 -0.28	39.75 1.14 -0.62	35.18 0.92 -1.29	35.31 1.02 -1.55	39.19 1.16 -0.78	41.75 1.51 -0.40	45.05 1.29 -0.56	49.06 1.68 -0.78	50.67 2.04 -1.20	59.99 2.59 -2.35	77.96 3.51 -1.38	99.06 4.06 -0.50	124.55 6.53 -1.36	120.87 6.82 -4.01	186.54 7.50 -4.47	199.91 9.14 -7.79	218.43 9.29 -7.29	198.81 9.59 -4.65	163.71 8.96 -7.89	125.27 7.73 -7.05	86.71 5.99 -1.93	65.83 3.47 -2.45	50.98 2.70 -1.62
ELBRIDGE_115KV_TB2 80188	43.93 0.09 -0.39	42.18 0.08 -0.15	38.32 0.00 -0.33	33.63 -0.03 -0.69	33.57 0.00 -0.82	37.67 0.00 -0.42	40.14 0.08 -0.21	43.45 -0.04 -0.30	47.16 0.14 -0.41	48.45 0.38 -0.64	57.49 0.55 -1.89	74.54 0.73 -0.73	98.02 1.04 -2.48	127.77 1.52 -9.60	123.01 1.65 -11.33	189.14 2.27 -12.31	199.41 2.38 -14.06	218.42 2.42 -14.15	200.07 2.40 -13.11	165.71 2.20 -16.64	124.92 1.77 -12.67	85.02 1.50 -4.74	64.24 0.72 -3.62	47.84 0.42 -0.76
ELEC_TRO_TEK 24086	60.61 3.78 -13.38	52.76 3.73 -7.08	46.27 3.46 -4.82	42.68 2.93 -6.77	43.76 2.88 -8.13	44.55 3.20 -4.10	45.23 3.31 -2.08	49.95 3.80 -2.96	64.73 4.71 -13.41	71.56 5.03 -19.10	123.77 5.84 -62.88	128.85 7.60 -48.17	130.96 10.21 -26.26	139.76 13.30 -9.80	218.67 12.32 -96.31	258.05 21.30 -62.18	235.46 22.32 -30.17	252.12 24.02 -26.25	226.11 21.41 -20.13	193.00 16.01 -30.13	149.90 9.28 -30.14	130.02 7.33 -43.90	115.36 5.99 -49.46	71.63 3.97 -21.01
ELLENBURG_WT_PWR 323604	41.02 -2.43 0.00	39.72 -2.22 0.00	36.43 -1.56 0.00	31.68 -1.29 0.00	31.44 -1.31 0.00	35.72 -1.53 0.00	37.77 -2.07 0.00	40.69 -2.51 0.00	43.72 -2.89 0.00	44.20 -3.23 0.00	47.94 -4.13 2.99	50.65 -5.56 16.87	54.32 -7.19 33.00	63.95 -8.87 43.83	63.29 -8.47 38.28	56.25 -13.62 104.70	48.06 -14.27 120.64	49.89 -15.35 136.61	48.30 -13.85 122.42	65.32 -10.87 70.67	64.87 -7.96 37.65	54.92 -5.91 17.96	44.04 -4.31 11.56	43.62 -3.03 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	45.11 1.04 -0.61	42.84 0.67 -0.22	38.98 0.49 -0.49	34.36 0.36 -1.03	34.48 0.49 -1.24	38.28 0.41 -0.62	40.84 0.68 -0.32	43.86 0.22 -0.45	47.88 0.65 -0.62	49.72 1.33 -0.96	58.63 1.71 -1.87	75.57 1.39 -1.10	95.76 1.23 -0.03	119.43 2.68 -0.08	115.63 3.30 -2.29	178.40 1.92 -1.91	189.90 2.56 -4.36	206.98 1.21 -3.92	188.08 1.66 -1.85	154.13 2.64 -4.63	119.20 4.09 -4.63	83.90 3.62 -1.49	63.47 1.68 -1.89	49.26 1.35 -1.25
EMPIRE_CC_1 323656	50.92 1.78 -5.69	45.62 1.89 -1.78	43.69 1.71 -3.99	42.73 1.45 -8.31	44.15 1.44 -9.96	43.88 1.60 -5.03	44.19 1.79 -2.55	48.56 1.73 -3.63	53.67 2.05 -5.01	57.25 2.08 -7.73	72.47 2.31 -15.10	85.03 3.07 -8.88	98.88 4.15 -0.23	122.89 5.37 -0.86	138.24 4.96 -23.25	198.10 7.86 -15.67	231.30 7.86 -40.46	248.46 8.48 -38.14	210.69 7.57 -18.55	199.61 6.02 -46.72	161.44 4.20 -46.76	96.89 3.07 -15.03	81.51 2.52 -19.09	61.06 1.82 -12.58
EMPIRE_CC_2 323658	50.92 1.78 -5.69	45.62 1.89 -1.78	43.69 1.71 -3.99	42.73 1.45 -8.31	44.15 1.44 -9.96	43.88 1.60 -5.03	44.19 1.79 -2.55	48.56 1.73 -3.63	53.67 2.05 -5.01	57.25 2.08 -7.73	72.47 2.31 -15.10	85.03 3.07 -8.88	98.88 4.15 -0.23	122.89 5.37 -0.86	138.24 4.96 -23.25	198.10 7.86 -15.67	231.30 7.86 -40.46	248.46 8.48 -38.14	210.69 7.57 -18.55	199.61 6.02 -46.72	161.44 4.20 -46.76	96.89 3.07 -15.03	81.51 2.52 -19.09	61.06 1.82 -12.58
ENORWICH_115KV_TB1 80156	48.43 3.61 -1.38	45.87 3.52 -0.40	41.84 2.96 -0.89	37.33 2.51 -1.85	37.49 2.52 -2.22	41.43 3.05 -1.12	43.84 3.43 -0.57	47.67 3.67 -0.81	51.55 3.82 -1.12	53.28 4.13 -1.72	63.32 4.90 -3.37	82.37 7.31 -1.98	105.41 9.92 -0.98	131.78 12.37 -2.75	130.19 12.21 -7.95	200.64 18.33 -7.74	218.74 20.31 -15.46	238.93 22.61 -14.47	216.36 22.52 -9.28	181.45 18.95 -15.64	139.23 14.80 -13.94	92.83 10.24 -3.80	72.10 7.37 -4.83	55.20 5.37 -3.18

ERIE_ST__34_KV_TB1-2 80199	44.87 0.78 -0.64	42.59 0.42 -0.23	38.73 0.23 -0.51	34.17 0.13 -1.07	34.26 0.23 -1.28	38.08 0.19 -0.65	40.61 0.44 -0.33	43.79 0.13 -0.47	47.95 0.70 -0.64	49.80 1.38 -0.99	58.76 1.76 -1.94	75.83 1.61 -1.14	96.70 2.17 -0.03	122.35 5.60 -0.09	118.50 6.05 -2.41	180.74 4.19 -1.98	194.67 7.14 -4.56	212.59 6.66 -4.09	193.16 6.64 -1.95	158.00 6.32 -4.82	121.61 6.30 -4.83	85.31 4.96 -1.55	64.45 2.58 -1.97	49.82 1.87 -1.30
ERIE_WT_PWR 323693	45.43 1.35 -0.63	43.01 0.84 -0.23	39.10 0.61 -0.51	34.45 0.43 -1.06	34.60 0.59 -1.26	38.41 0.52 -0.64	40.92 0.76 -0.32	44.04 0.39 -0.46	48.08 0.84 -0.64	49.79 1.38 -0.98	58.90 1.93 -1.92	76.47 2.27 -1.13	96.23 1.70 -0.03	120.59 3.84 -0.09	116.80 4.41 -2.36	179.83 3.31 -1.95	191.82 4.38 -4.46	209.28 3.43 -4.01	190.15 3.69 -1.90	155.70 4.11 -4.73	120.30 5.09 -4.74	84.64 4.33 -1.52	63.99 2.15 -1.93	49.70 1.77 -1.27
ESPRGFLD_115KV_TB1 80157	51.37 3.26 -4.66	44.51 2.98 0.41	39.62 2.55 0.92	33.24 2.18 1.91	32.68 2.23 2.29	38.74 2.64 1.16	42.21 2.95 0.59	45.47 3.11 0.84	48.90 3.45 1.15	49.40 3.75 1.78	56.10 4.51 3.47	77.39 6.36 2.04	102.86 8.41 0.05	128.51 10.62 -1.24	153.18 9.79 -33.35	188.64 14.84 0.76	261.47 16.28 -62.21	276.41 18.17 -56.40	228.52 17.16 -26.79	227.84 13.95 -67.03	189.27 11.71 -67.07	108.30 7.96 -21.56	92.98 5.69 -27.38	68.91 4.20 -18.05
ETNA_115_KV_TB1_REV_LBMP_C 345029	45.67 1.35 -0.87	43.50 1.26 -0.30	39.72 1.06 -0.66	35.21 0.86 -1.38	35.29 0.88 -1.66	39.13 1.04 -0.84	41.54 1.28 -0.42	45.05 1.25 -0.60	48.89 1.44 -0.83	50.42 1.71 -1.29	59.61 2.04 -2.51	77.33 2.78 -1.48	99.71 3.87 -1.33	125.44 5.13 -3.65	121.45 5.17 -6.24	190.47 7.51 -8.39	203.97 8.60 -12.40	223.28 9.49 -11.95	203.00 9.41 -9.03	167.04 8.08 -12.10	126.51 6.30 -9.73	85.62 4.65 -2.18	65.68 3.00 -2.77	50.54 2.05 -1.83
ETNA____115KV_TB2 80207	45.67 1.35 -0.87	43.50 1.26 -0.30	39.72 1.06 -0.66	35.21 0.86 -1.38	35.29 0.88 -1.66	39.13 1.04 -0.84	41.54 1.28 -0.42	45.05 1.25 -0.60	48.89 1.44 -0.83	50.42 1.71 -1.29	59.61 2.04 -2.51	77.33 2.78 -1.48	99.71 3.87 -1.33	125.44 5.13 -3.65	121.45 5.17 -6.24	190.47 7.51 -8.39	203.97 8.60 -12.40	223.28 9.49 -11.95	203.00 9.41 -9.03	167.04 8.08 -12.10	126.51 6.30 -9.73	85.62 4.65 -2.18	65.68 3.00 -2.77	50.54 2.05 -1.83
EUCLID__115KV_TB2 356179	43.29 -0.30 -0.14	41.73 -0.34 -0.12	37.87 -0.38 -0.26	33.16 -0.36 -0.55	33.08 -0.33 -0.66	37.21 -0.37 -0.33	39.69 -0.32 -0.17	43.00 -0.43 -0.24	46.66 -0.28 -0.33	47.89 -0.05 -0.51	56.92 0.06 -1.81	73.73 0.07 -0.58	95.67 0.09 -1.08	123.46 0.23 -6.57	118.58 0.44 -8.11	180.61 0.35 -5.69	188.26 0.37 -4.92	206.93 0.00 -5.08	189.92 0.18 -5.17	156.46 0.44 -9.16	118.83 0.44 -7.90	84.26 0.55 -4.92	63.13 0.06 -3.17	46.56 -0.09 0.00
E_CANADA_CAP_HY 24051	56.89 4.26 -9.18	48.08 3.78 -2.36	46.53 3.27 -5.27	46.68 2.74 -10.98	48.72 2.82 -13.15	47.17 3.28 -6.64	46.88 3.66 -3.37	51.62 3.63 -4.80	57.23 4.01 -6.62	61.86 4.22 -10.21	80.01 5.01 -19.94	91.89 7.09 -11.73	104.25 9.45 -0.30	130.10 11.91 -1.54	162.42 10.90 -41.49	212.29 16.24 -21.48	278.18 17.94 -77.26	292.14 20.18 -70.11	237.08 19.19 -33.33	245.96 15.72 -83.38	207.84 13.92 -83.44	115.14 9.53 -26.82	100.80 6.83 -34.06	74.38 5.27 -22.46
E_CANADA_MHWK_HY 24050	43.84 0.39 0.00	42.32 0.38 0.00	38.29 0.30 0.00	33.20 0.23 0.00	33.01 0.26 0.00	37.58 0.33 0.00	40.24 0.40 0.00	43.62 0.43 0.00	47.12 0.51 0.00	48.00 0.57 0.00	56.39 0.71 -0.63	74.61 1.54 0.00	96.50 1.89 -0.10	120.88 1.40 -2.82	116.46 1.33 -5.10	179.31 1.75 -2.99	188.81 2.20 -3.63	207.85 2.02 -3.99	190.11 1.85 -3.70	152.92 1.47 -4.59	116.23 1.55 -4.20	83.66 1.10 -3.76	63.28 0.96 -2.42	47.36 0.70 0.00
E_FISHKILL__LBMP 23776	50.28 2.69 -4.13	46.12 2.68 -1.49	43.80 2.47 -3.34	42.00 2.08 -6.95	43.14 2.06 -8.33	43.80 2.35 -4.21	44.53 2.55 -2.13	49.21 2.98 -3.04	54.25 3.45 -4.19	57.60 3.70 -6.47	72.15 4.46 -12.63	86.28 5.77 -7.43	102.54 7.84 -0.19	127.49 10.27 -0.57	134.87 9.46 -15.38	203.61 16.23 -12.81	230.93 17.02 -30.94	246.93 18.17 -26.92	213.26 16.24 -12.45	189.80 12.04 -30.90	149.25 7.84 -30.92	94.24 5.52 -9.94	76.96 4.43 -12.62	57.87 2.89 -8.32
FALCON__SEABRD_CC1 323796	40.32 -3.13 0.00	39.05 -2.89 0.00	36.32 -1.67 0.00	31.59 -1.38 0.00	31.34 -1.41 0.00	35.61 -1.64 0.00	37.37 -2.47 0.00	40.04 -3.15 0.00	42.97 -3.64 0.00	43.45 -3.98 0.00	46.97 -5.01 3.07	49.23 -6.79 17.05	52.67 -8.51 33.33	61.61 -10.50 44.55	61.19 -10.01 38.83	53.65 -16.06 104.86	45.39 -16.83 120.76	46.90 -18.17 136.78	45.60 -16.43 122.53	62.34 -13.07 71.45	62.34 -9.72 38.42	53.08 -7.25 18.47	42.69 -5.33 11.89	42.83 -3.82 0.00
FALCON__SEABRD_CC2 323797	40.32 -3.13 0.00	39.05 -2.89 0.00	36.32 -1.67 0.00	31.59 -1.38 0.00	31.34 -1.41 0.00	35.61 -1.64 0.00	37.37 -2.47 0.00	40.04 -3.15 0.00	42.97 -3.64 0.00	43.45 -3.98 0.00	46.97 -5.01 3.07	49.23 -6.79 17.05	52.67 -8.51 33.33	61.61 -10.50 44.55	61.19 -10.01 38.83	53.65 -16.06 104.86	45.39 -16.83 120.76	46.90 -18.17 136.78	45.60 -16.43 122.53	62.34 -13.07 71.45	62.34 -9.72 38.42	53.08 -7.25 18.47	42.69 -5.33 11.89	42.83 -3.82 0.00
FAR ROCKAWAY__4 23548	61.44 4.61 -13.38	53.56 4.53 -7.08	46.99 4.18 -4.82	43.24 3.49 -6.77	44.35 3.47 -8.13	45.18 3.84 -4.10	45.79 3.86 -2.08	50.60 4.45 -2.96	65.52 5.50 -13.41	72.37 5.83 -19.10	124.92 6.99 -62.88	130.46 9.21 -48.17	133.23 12.47 -26.26	142.91 16.45 -9.80	221.75 15.40 -96.31	262.94 26.19 -62.18	240.95 27.81 -30.17	258.37 30.28 -26.25	231.83 27.13 -20.13	197.56 20.56 -30.13	153.00 12.37 -30.14	131.99 9.30 -43.90	116.68 7.31 -49.46	72.42 4.90 -20.86
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	50.65 3.17 -4.02	46.54 3.15 -1.45	44.16 2.93 -3.25	42.21 2.47 -6.77	43.28 2.42 -8.11	44.10 2.76 -4.10	44.91 2.99 -2.08	49.74 3.58 -2.96	54.88 4.19 -4.08	58.28 4.55 -6.29	72.80 5.45 -12.29	87.47 7.16 -7.23	104.42 9.73 -0.19	130.05 12.83 -0.56	136.79 11.77 -14.98	208.51 21.47 -12.47	235.44 22.32 -30.14	252.09 24.02 -26.23	217.73 21.04 -12.13	192.10 15.13 -30.11	150.33 9.72 -30.13	95.01 6.54 -9.68	77.48 5.27 -12.30	58.08 3.31 -8.11
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	50.65 3.17 -4.02	46.54 3.15 -1.45	44.20 2.96 -3.25	42.21 2.47 -6.77	43.28 2.42 -8.11	44.10 2.76 -4.10	44.91 2.99 -2.08	49.74 3.58 -2.96	54.88 4.19 -4.08	58.28 4.55 -6.29	72.80 5.45 -12.29	87.47 7.16 -7.23	104.42 9.73 -0.19	130.05 12.83 -0.56	136.79 11.77 -14.98	208.51 21.47 -12.47	235.44 22.32 -30.14	252.09 24.02 -26.23	217.92 21.22 -12.13	192.24 15.27 -30.11	150.44 9.83 -30.13	95.01 6.54 -9.68	77.54 5.33 -12.30	58.12 3.36 -8.11
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	50.60 3.13 -4.02	46.50 3.10 -1.45	44.16 2.93 -3.25	42.18 2.44 -6.77	43.25 2.39 -8.11	44.06 2.72 -4.10	44.87 2.95 -2.08	49.69 3.54 -2.96	54.84 4.15 -4.08	58.23 4.51 -6.29	72.75 5.40 -12.29	87.39 7.09 -7.23	104.23 9.54 -0.19	129.93 12.72 -0.56	136.68 11.66 -14.98	208.16 21.12 -12.47	235.25 22.14 -30.14	251.69 23.62 -26.23	217.55 20.86 -12.13	191.95 14.98 -30.11	150.22 9.61 -30.13	94.85 6.38 -9.68	77.42 5.21 -12.30	58.03 3.27 -8.11

FARRAGUT___LBMP 323566	50.56 3.09 -4.02	46.46 3.06 -1.45	44.13 2.89 -3.25	42.15 2.41 -6.77	43.22 2.36 -8.11	44.03 2.68 -4.10	44.83 2.91 -2.08	49.65 3.50 -2.96	54.79 4.10 -4.08	58.14 4.41 -6.29	72.69 5.34 -12.29	87.32 7.02 -7.23	104.14 9.45 -0.19	129.70 12.48 -0.56	136.46 11.44 -14.98	207.98 20.95 -12.47	234.89 21.77 -30.14	251.49 23.41 -26.23	217.36 20.67 -12.13	191.80 14.83 -30.11	150.11 9.50 -30.13	94.78 6.30 -9.68	77.36 5.15 -12.30	57.98 3.22 -8.11
FENNER___WINDPWR 24204	45.02 1.13 -0.44	43.16 1.05 -0.16	39.19 0.83 -0.37	34.42 0.69 -0.76	34.38 0.72 -0.91	38.57 0.86 -0.46	41.07 1.00 -0.23	44.56 1.03 -0.33	48.32 1.26 -0.46	49.56 1.42 -0.71	59.42 1.81 -2.55	78.43 2.27 -3.09	102.55 2.93 -5.12	132.53 3.73 -12.14	125.82 3.74 -12.04	189.76 5.23 -9.96	200.71 6.03 -11.71	220.82 6.46 -12.52	201.06 6.28 -10.22	170.55 5.44 -18.25	130.37 4.20 -15.69	89.78 2.92 -8.08	68.14 2.40 -5.84	49.19 1.68 -0.86
FIBERTEK___ENERGY 23856	43.79 0.17 -0.16	42.25 0.17 -0.14	38.34 0.04 -0.31	33.62 0.00 -0.65	33.56 0.03 -0.78	37.72 0.07 -0.39	40.20 0.16 -0.20	43.39 -0.09 -0.28	47.04 0.05 -0.39	48.32 0.28 -0.60	57.38 0.44 -1.89	74.36 0.58 -0.69	97.77 0.95 -2.32	127.39 1.28 -9.45	121.55 1.43 -10.08	187.94 1.92 -11.45	195.68 2.01 -10.69	214.89 2.02 -11.03	197.83 2.03 -11.23	162.38 1.91 -13.61	122.00 1.55 -9.97	84.31 1.26 -4.25	63.24 0.60 -2.74	46.98 0.33 0.00
FITZPATRICK____ 23598	42.47 -1.08 -0.10	40.98 -1.05 -0.08	37.19 -0.99 -0.19	32.47 -0.89 -0.39	32.34 -0.88 -0.47	36.48 -1.00 -0.24	38.97 -0.99 -0.12	42.20 -1.16 -0.17	45.72 -1.12 -0.24	46.80 -1.00 -0.36	54.72 -1.05 -0.71	72.10 -1.39 -0.42	80.00 -1.89 12.61	80.00 -2.33 34.33	80.00 -2.09 27.94	114.98 -3.49 56.10	120.74 -3.66 58.57	137.16 -4.25 60.43	119.14 -3.88 61.54	92.28 -2.79 51.78	80.00 -1.88 28.60	77.61 -1.18 0.00	58.77 -1.14 0.00	45.72 -0.93 0.00
FLOWRFLD_69_KV_BK1 356044	62.00 5.17 -13.38	54.10 5.08 -7.08	47.52 4.71 -4.82	43.57 3.82 -6.77	44.64 3.77 -8.13	45.52 4.17 -4.10	46.47 4.54 -2.08	51.25 5.10 -2.96	66.42 6.39 -13.43	73.33 6.78 -19.12	125.65 7.71 -62.89	147.71 9.57 -65.06	155.21 12.19 -48.52	277.80 15.17 -145.98	419.03 13.97 -295.02	458.85 23.39 -260.89	417.16 23.97 -210.22	767.48 26.24 -539.40	462.97 23.25 -255.15	308.88 18.36 -143.67	151.47 10.83 -30.15	150.01 9.61 -61.61	138.62 8.21 -70.51	152.69 5.74 -100.29
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	50.90 3.39 -4.06	46.72 3.31 -1.46	44.22 2.96 -3.27	42.31 2.54 -6.80	43.26 2.36 -8.15	44.05 2.68 -4.12	44.92 2.99 -2.09	49.79 3.63 -2.97	54.76 4.05 -4.10	58.12 4.36 -6.32	72.91 5.51 -12.35	87.72 7.38 -7.26	104.90 10.21 -0.19	130.52 13.30 -0.56	137.64 12.43 -15.17	207.88 20.77 -12.53	235.00 21.96 -30.07	252.04 23.82 -26.37	218.24 21.41 -12.26	193.50 16.15 -30.48	152.04 11.05 -30.50	96.08 7.49 -9.80	78.05 5.69 -12.45	58.51 3.64 -8.21
FORT ORANGE____ 23900	52.14 1.61 -7.08	45.31 1.51 -1.85	43.46 1.33 -4.14	42.68 1.09 -8.62	44.16 1.08 -10.33	43.66 1.19 -5.22	43.89 1.39 -2.65	48.38 1.42 -3.77	53.48 1.68 -5.20	56.87 1.42 -8.02	72.32 1.60 -15.67	84.48 2.19 -9.21	97.85 3.11 -0.24	121.59 4.08 -0.85	144.00 3.63 -30.34	193.14 6.11 -12.46	244.85 6.22 -55.66	259.50 6.87 -50.79	214.88 6.08 -24.23	212.39 4.84 -60.69	177.95 3.53 -63.93	101.93 2.60 -20.55	88.04 2.04 -26.10	65.40 1.54 -17.21
FORT_DRUM_COGEN 23780	44.75 1.22 -0.08	43.27 1.26 -0.07	39.06 0.91 -0.16	34.06 0.76 -0.33	33.90 0.75 -0.39	38.45 1.01 -0.20	40.94 1.00 -0.10	44.29 0.95 -0.14	47.78 0.98 -0.20	48.78 1.04 -0.31	64.87 1.16 -8.66	92.47 1.83 -17.57	127.41 0.57 -32.34	189.42 0.47 -72.30	168.29 0.88 -57.37	200.40 0.87 -24.96	206.47 2.01 -21.49	232.15 3.03 -27.28	209.45 3.32 -21.56	232.79 4.55 -81.37	190.96 4.20 -76.27	130.12 2.84 -48.50	94.41 3.29 -31.21	49.04 2.38 0.00
FPL_FAR_ROCK_GT1 24212	61.49 4.65 -13.39	53.56 4.53 -7.08	47.00 4.18 -4.83	43.25 3.49 -6.78	44.35 3.47 -8.13	45.27 3.91 -4.11	45.75 3.83 -2.08	50.60 4.45 -2.96	65.52 5.50 -13.41	72.37 5.83 -19.10	124.98 7.05 -62.88	130.53 9.28 -48.17	133.13 12.38 -26.26	142.91 16.45 -9.80	221.75 15.40 -96.31	263.11 26.36 -62.18	240.94 27.80 -30.17	258.37 30.27 -26.25	231.84 27.14 -20.13	197.56 20.56 -30.14	153.00 12.37 -30.14	131.98 9.29 -43.90	116.68 7.31 -49.46	72.46 4.94 -20.86
FPL_FAR_ROCK_GT2 23815	61.49 4.65 -13.39	53.56 4.53 -7.08	47.00 4.18 -4.83	43.25 3.49 -6.78	44.35 3.47 -8.13	45.27 3.91 -4.11	45.75 3.83 -2.08	50.60 4.45 -2.96	65.52 5.50 -13.41	72.37 5.83 -19.10	124.98 7.05 -62.88	130.53 9.28 -48.17	133.13 12.38 -26.26	142.91 16.45 -9.80	221.75 15.40 -96.31	263.11 26.36 -62.18	240.94 27.80 -30.17	258.37 30.27 -26.25	231.84 27.14 -20.13	197.56 20.56 -30.14	153.00 12.37 -30.14	131.98 9.29 -43.90	116.68 7.31 -49.46	72.46 4.94 -20.86
FRANKLIN_FALL_HYD 24054	41.37 -2.09 0.00	40.06 -1.89 0.00	36.62 -1.37 0.00	31.92 -1.06 0.00	31.64 -1.11 0.00	35.95 -1.30 0.00	38.13 -1.71 0.00	41.16 -2.03 0.00	44.18 -2.42 0.00	44.54 -2.89 5.36	46.06 -3.63 22.02	46.38 -4.68 42.12	46.15 -6.24 63.81	44.92 -7.93 53.84	48.71 -7.48 109.07	53.63 -11.87 123.95	46.58 -12.44 141.52	47.01 -13.32 125.61	46.77 -12.18 92.40	45.21 -9.25 58.97	44.66 -6.85 32.23	41.36 -5.20 20.74	35.51 -3.65 0.00	44.18 -2.47 0.00
FREEPORT_EQUS_GT1 23764	61.05 4.21 -13.38	53.09 4.07 -7.08	46.58 3.76 -4.82	42.95 3.20 -6.78	43.99 3.11 -8.13	44.93 3.58 -4.11	45.43 3.51 -2.08	50.26 4.11 -2.96	65.15 5.13 -13.41	71.99 5.45 -19.10	124.15 6.22 -62.87	129.36 8.11 -48.17	131.62 10.86 -26.25	140.57 14.11 -9.80	219.55 13.20 -96.31	259.79 23.04 -62.18	237.29 24.15 -30.17	254.15 26.05 -26.25	227.95 23.25 -20.13	194.46 17.47 -30.14	150.68 10.05 -30.14	130.96 8.27 -43.90	116.08 6.71 -49.46	72.61 4.52 -21.43
FREEPORT___CT2 23818	61.05 4.21 -13.38	53.09 4.07 -7.08	46.58 3.76 -4.82	42.95 3.20 -6.78	43.99 3.11 -8.13	44.93 3.58 -4.11	45.43 3.51 -2.08	50.26 4.11 -2.96	65.15 5.13 -13.41	71.99 5.45 -19.10	124.15 6.22 -62.87	129.36 8.11 -48.17	131.62 10.86 -26.25	140.57 14.11 -9.80	219.55 13.20 -96.31	259.79 23.04 -62.18	237.29 24.15 -30.17	254.15 26.05 -26.25	227.95 23.25 -20.13	194.46 17.47 -30.14	150.68 10.05 -30.14	130.96 8.27 -43.90	116.08 6.71 -49.46	72.61 4.52 -21.43
FRESHKLS_33_KV_LOAD 356253	39.73 2.87 6.59	37.83 2.94 7.05	37.77 2.81 3.03	37.61 2.31 -2.33	37.57 2.23 -2.60	37.81 2.50 1.94	37.78 2.63 4.70	40.03 3.20 6.36	40.91 3.78 9.47	42.26 4.22 9.39	53.39 5.29 6.95	65.61 6.65 14.12	81.08 9.26 22.69	104.55 12.37 24.47	114.83 11.11 6.32	186.68 21.65 9.53	213.62 22.51 -8.14	230.02 23.82 -4.36	191.49 20.86 13.93	160.21 14.83 1.48	116.95 9.28 2.81	71.11 6.15 13.83	59.21 4.97 5.67	41.58 3.13 8.21
FULTON COGEN____ 23766	43.23 -0.35 -0.13	41.68 -0.38 -0.11	37.82 -0.42 -0.25	33.09 -0.40 -0.51	33.00 -0.36 -0.62	37.15 -0.41 -0.31	39.64 -0.36 -0.16	42.94 -0.48 -0.22	46.59 -0.33 -0.31	47.77 -0.14 -0.48	56.92 -0.06 -1.92	75.67 0.00 -2.60	102.43 0.09 -7.84	136.05 0.00 -19.40	126.39 0.22 -16.13	197.89 0.17 -23.14	206.03 0.18 -22.87	226.19 0.00 -24.35	208.59 0.18 -23.85	173.92 0.59 -26.48	129.20 0.55 -18.17	85.38 0.63 -5.96	63.92 0.18 -3.84	46.61 -0.05 0.00



FULTON___LFGE 323630	58.82 5.82 -9.54	49.19 5.03 -2.21	47.26 4.33 -4.94	46.83 3.56 -10.30	48.79 3.70 -12.34	47.69 4.21 -6.23	47.79 4.78 -3.16	52.14 4.45 -4.50	57.62 4.80 -6.21	61.85 4.84 -9.58	79.38 5.62 -18.71	94.01 9.94 -11.00	108.11 13.33 -0.28	132.08 13.76 -1.67	167.87 12.87 -44.96	215.75 20.59 -20.60	289.53 22.87 -83.69	304.46 26.64 -75.97	245.97 25.29 -36.12	258.08 20.85 -90.37	219.04 18.12 -90.43	120.38 12.53 -29.06	105.75 8.93 -36.92	78.13 7.14 -24.34
G.F.CEMENT___DRP 24184	57.07 3.95 -9.66	47.28 3.40 -1.94	45.24 2.93 -4.33	44.39 2.41 -9.02	46.04 2.49 -10.80	45.50 2.79 -5.46	45.80 3.19 -2.77	50.16 3.02 -3.94	55.59 3.54 -5.44	59.70 3.89 -8.38	75.67 4.24 -16.38	88.85 6.14 -9.63	102.88 8.13 -0.25	128.35 9.92 -1.77	167.57 9.68 -47.85	208.06 14.84 -18.66	287.53 16.10 -88.45	300.01 17.56 -80.60	240.32 17.35 -38.41	257.14 14.10 -96.18	218.10 11.38 -96.24	117.99 8.27 -30.93	105.13 5.93 -39.29	77.32 4.76 -25.90
GARDENVILLE___LBMP 24039	45.12 1.04 -0.63	42.84 0.67 -0.23	38.99 0.49 -0.50	34.38 0.36 -1.05	34.50 0.49 -1.26	38.30 0.41 -0.64	40.84 0.68 -0.32	43.91 0.26 -0.46	47.94 0.70 -0.63	49.78 1.38 -0.98	58.73 1.76 -1.91	75.73 1.53 -1.12	96.04 1.51 -0.03	120.13 3.38 -0.09	116.23 3.85 -2.35	179.13 2.62 -1.95	190.91 3.48 -4.46	208.28 2.42 -4.01	189.23 2.77 -1.90	155.12 3.52 -4.74	119.86 4.64 -4.74	84.33 4.02 -1.52	63.76 1.92 -1.93	49.42 1.49 -1.28
GARDNVLA_35_KV_LD 355827	45.30 1.22 -0.63	43.01 0.84 -0.23	39.14 0.65 -0.51	34.49 0.46 -1.06	34.60 0.59 -1.27	38.41 0.52 -0.64	41.01 0.84 -0.32	44.09 0.43 -0.46	48.18 0.93 -0.64	50.03 1.61 -0.98	59.01 2.04 -1.92	76.11 1.90 -1.13	96.61 2.08 -0.03	120.95 4.20 -0.09	117.13 4.73 -2.36	180.19 3.67 -1.96	192.41 4.94 -4.50	209.72 3.84 -4.04	190.54 4.06 -1.91	156.03 4.41 -4.77	120.67 5.41 -4.77	84.81 4.49 -1.53	64.13 2.28 -1.95	49.71 1.77 -1.28
GELCKHM___115KV_LOAD 80723	43.47 -0.13 -0.15	41.90 -0.17 -0.13	38.04 -0.23 -0.28	33.33 -0.23 -0.59	33.25 -0.20 -0.70	37.42 -0.19 -0.35	39.90 -0.12 -0.18	43.14 -0.30 -0.26	46.77 -0.19 -0.35	48.02 0.05 -0.54	57.05 0.17 -1.83	73.92 0.22 -0.63	96.41 0.38 -1.53	124.82 0.58 -7.58	119.57 0.77 -8.76	183.24 0.87 -7.80	190.92 0.91 -7.03	209.91 0.81 -7.25	192.69 0.74 -7.39	158.47 0.88 -10.73	119.85 0.77 -8.60	84.20 0.79 -4.62	63.12 0.24 -2.97	46.70 0.05 0.00
GENERAL___MILLS 23808	45.21 1.13 -0.63	42.93 0.76 -0.23	39.03 0.53 -0.51	34.42 0.40 -1.06	34.54 0.52 -1.26	38.33 0.45 -0.64	40.89 0.72 -0.32	43.96 0.30 -0.46	48.03 0.79 -0.64	49.88 1.47 -0.98	58.84 1.87 -1.92	75.88 1.68 -1.13	96.33 1.80 -0.03	120.48 3.73 -0.09	116.69 4.29 -2.36	179.67 3.14 -1.95	191.67 4.21 -4.49	209.11 3.23 -4.03	189.98 3.51 -1.91	155.58 3.97 -4.76	120.22 4.97 -4.76	84.58 4.25 -1.53	63.95 2.10 -1.94	49.57 1.63 -1.28
GE_PLASTICS___DRP 24183	51.83 1.74 -6.64	45.43 1.64 -1.85	43.62 1.48 -4.14	42.89 1.29 -8.63	44.34 1.24 -10.34	43.89 1.42 -5.22	44.05 1.55 -2.65	48.61 1.64 -3.77	53.72 1.91 -5.20	57.02 1.57 -8.03	72.55 1.82 -15.68	84.49 2.19 -9.22	97.67 2.93 -0.24	115.29 3.62 4.99	115.29 3.30 -1.96	115.28 5.41 64.70	191.34 5.49 -2.88	208.05 5.85 -0.35	189.31 5.17 0.42	149.19 3.97 1.63	171.46 2.87 -58.10	99.75 2.28 -18.67	85.54 1.92 -23.72	63.69 1.40 -15.64
GILBOA___1 23756	49.03 1.78 -3.79	45.09 1.72 -1.42	42.73 1.56 -3.19	41.05 1.45 -6.63	42.14 1.44 -7.95	42.90 1.64 -4.02	43.52 1.63 -2.04	47.91 1.81 -2.90	52.75 2.15 -4.00	55.88 2.28 -6.17	69.81 2.70 -12.05	83.74 3.58 -7.09	99.31 4.63 -0.18	122.42 5.25 -0.51	128.25 4.51 -13.71	194.05 7.33 -12.15	216.43 7.50 -25.95	233.26 8.08 -23.33	202.98 7.39 -11.03	180.43 6.02 -27.55	142.90 4.86 -27.56	91.28 3.63 -8.86	74.03 2.88 -11.25	55.99 1.91 -7.42
GILBOA___2 23757	49.03 1.78 -3.79	45.09 1.72 -1.42	42.73 1.56 -3.19	41.05 1.45 -6.63	42.14 1.44 -7.95	42.90 1.64 -4.02	43.52 1.63 -2.04	47.91 1.81 -2.90	52.75 2.15 -4.00	55.88 2.28 -6.17	69.81 2.70 -12.05	83.74 3.58 -7.09	99.31 4.63 -0.18	122.42 5.25 -0.51	128.25 4.51 -13.71	194.05 7.33 -12.15	216.43 7.50 -25.95	233.26 8.08 -23.33	202.98 7.39 -11.03	180.43 6.02 -27.55	142.90 4.86 -27.56	91.28 3.63 -8.86	74.03 2.88 -11.25	55.99 1.91 -7.42
GILBOA___3 23758	49.03 1.78 -3.79	45.09 1.72 -1.42	42.73 1.56 -3.19	41.05 1.45 -6.63	42.14 1.44 -7.95	42.90 1.64 -4.02	43.52 1.63 -2.04	47.91 1.81 -2.90	52.75 2.15 -4.00	55.88 2.28 -6.17	69.81 2.70 -12.05	83.74 3.58 -7.09	99.31 4.63 -0.18	122.42 5.25 -0.51	128.25 4.51 -13.71	194.05 7.33 -12.15	216.43 7.50 -25.95	233.26 8.08 -23.33	202.98 7.39 -11.03	180.43 6.02 -27.55	142.90 4.86 -27.56	91.28 3.63 -8.86	74.03 2.88 -11.25	55.99 1.91 -7.42
GILBOA___4 23759	49.03 1.78 -3.79	45.09 1.72 -1.42	42.73 1.56 -3.19	41.05 1.45 -6.63	42.14 1.44 -7.95	42.90 1.64 -4.02	43.52 1.63 -2.04	47.91 1.81 -2.90	52.75 2.15 -4.00	55.88 2.28 -6.17	69.81 2.70 -12.05	83.74 3.58 -7.09	99.31 4.63 -0.18	122.42 5.25 -0.51	128.25 4.51 -13.71	194.05 7.33 -12.15	216.43 7.50 -25.95	233.26 8.08 -23.33	202.98 7.39 -11.03	180.43 6.02 -27.55	142.90 4.86 -27.56	91.28 3.63 -8.86	74.03 2.88 -11.25	55.99 1.91 -7.42
GILBOA___ 23599	49.03 1.78 -3.79	45.09 1.72 -1.42	42.73 1.56 -3.19	41.06 1.45 -6.63	42.14 1.44 -7.95	42.90 1.64 -4.02	43.52 1.63 -2.04	47.91 1.81 -2.90	52.75 2.14 -4.00	55.88 2.28 -6.17	69.81 2.70 -12.05	83.67 3.51 -7.09	99.31 4.63 -0.18	122.42 5.25 -0.51	128.25 4.51 -13.71	194.05 7.33 -12.15	216.42 7.50 -25.95	233.25 8.07 -23.33	202.97 7.38 -11.03	180.42 6.02 -27.54	142.91 4.86 -27.56	91.27 3.62 -8.86	74.03 2.88 -11.25	55.99 1.91 -7.42
GINNA___ 23603	42.84 -1.04 -0.43	41.10 -1.01 -0.16	37.25 -1.10 -0.36	32.70 -1.02 -0.75	32.67 -0.98 -0.90	36.55 -1.16 -0.46	39.00 -1.07 -0.23	42.18 -1.34 -0.33	45.94 -1.12 -0.45	47.51 -0.62 -0.70	56.04 -0.38 -1.37	73.15 -0.73 -0.80	93.11 -1.41 -0.02	114.97 -1.75 -0.06	110.39 -1.21 -1.56	173.86 -2.09 -1.38	182.82 -3.11 -2.96	200.47 -4.04 -2.66	182.13 -3.69 -1.26	147.80 -2.20 -3.14	112.97 -0.66 -3.14	79.64 -0.16 -1.01	60.29 -0.90 -1.28	46.71 -0.79 -0.85
GLEN PARK___ 23778	45.10 1.56 -0.09	43.57 1.55 -0.07	39.33 1.18 -0.16	34.30 0.99 -0.34	34.14 0.98 -0.41	38.72 1.27 -0.21	41.26 1.31 -0.10	44.59 1.25 -0.15	48.07 1.26 -0.20	49.12 1.38 -0.32	64.81 1.49 -8.27	90.71 0.95 -16.69	126.68 1.32 -30.86	187.14 1.40 -69.08	166.63 1.76 -54.84	201.42 2.26 -24.59	207.91 3.66 -21.28	233.70 5.05 -26.80	211.12 5.16 -21.39	231.12 6.31 -77.95	188.77 5.52 -72.76	128.57 3.78 -45.99	93.46 3.95 -29.60	49.50 2.85 0.00
GLENDALE_27_KV_LOAD 356172	50.64 3.17 -4.02	46.67 3.27 -1.45	44.32 3.08 -3.25	42.34 2.60 -6.77	43.38 2.52 -8.11	44.18 2.83 -4.10	44.95 3.03 -2.08	49.73 3.58 -2.95	54.87 4.19 -4.07	58.22 4.51 -6.29	68.12 5.56 -7.50	83.36 7.16 -3.13	98.75 9.73 5.49	123.61 12.83 5.88	136.67 11.66 -14.97	209.21 22.17 -12.47	236.17 23.05 -30.14	252.49 24.42 -26.23	210.73 21.41 -4.76	180.67 15.27 -18.53	133.98 9.83 -13.67	84.70 6.54 0.63	72.92 5.27 -7.74	53.96 3.36 -3.95

GLENWOOD_IC_1_G5 23712	60.35 3.52 -13.38	52.51 3.48 -7.08	46.00 3.19 -4.82	42.68 2.93 -6.77	43.76 2.88 -8.13	44.59 3.24 -4.10	45.19 3.27 -2.08	49.82 3.67 -2.96	64.54 4.52 -13.41	71.42 4.89 -19.10	123.77 5.84 -62.88	129.00 7.75 -48.17	131.25 10.49 -26.26	140.23 13.77 -9.80	219.11 12.76 -96.31	258.92 22.17 -62.18	236.38 23.24 -30.17	252.92 24.83 -26.25	226.84 22.15 -20.13	193.30 16.30 -30.13	150.46 9.83 -30.14	130.02 7.33 -43.90	115.18 5.81 -49.46	71.84 3.78 -21.40
GLENWOOD_IC_2_G1 23688	60.31 3.48 -13.38	52.42 3.40 -7.08	45.96 3.15 -4.82	42.42 2.67 -6.78	43.50 2.62 -8.13	44.37 3.02 -4.11	45.03 3.11 -2.08	49.78 3.63 -2.96	64.40 4.38 -13.41	71.23 4.70 -19.10	123.60 5.67 -62.88	128.71 7.46 -48.17	130.68 9.92 -26.26	139.52 13.06 -9.80	218.56 12.21 -96.31	257.87 21.11 -62.18	235.27 22.13 -30.17	251.90 23.81 -26.25	225.91 21.22 -20.13	192.72 15.72 -30.14	150.35 9.72 -30.14	129.70 7.01 -43.90	115.00 5.63 -49.46	71.21 3.68 -20.86
GLENWOOD_IC_3_G1 23689	60.31 3.48 -13.38	52.42 3.40 -7.08	45.96 3.15 -4.82	42.42 2.67 -6.78	43.50 2.62 -8.13	44.37 3.02 -4.11	45.03 3.11 -2.08	49.78 3.63 -2.96	64.40 4.38 -13.41	71.23 4.70 -19.10	123.60 5.67 -62.88	128.71 7.46 -48.17	130.68 9.92 -26.26	139.52 13.06 -9.80	218.56 12.21 -96.31	257.87 21.11 -62.18	235.27 22.13 -30.17	251.90 23.81 -26.25	225.91 21.22 -20.13	192.72 15.72 -30.14	150.35 9.72 -30.14	129.70 7.01 -43.90	115.00 5.63 -49.46	71.21 3.68 -20.86
GLENWOOD___4 23550	60.48 3.65 -13.38	52.59 3.57 -7.08	46.12 3.31 -4.82	42.68 2.93 -6.77	43.76 2.88 -8.13	44.59 3.24 -4.10	45.27 3.35 -2.08	49.95 3.80 -2.96	64.63 4.61 -13.41	71.51 4.98 -19.10	123.88 5.95 -62.88	129.14 7.89 -48.17	131.44 10.68 -26.26	140.46 14.00 -9.80	219.44 13.09 -96.31	259.27 22.52 -62.18	236.74 23.60 -30.17	253.53 25.43 -26.25	227.21 22.52 -20.13	193.59 16.60 -30.13	150.79 10.16 -30.14	130.17 7.49 -43.90	115.30 5.93 -49.46	71.98 3.92 -21.40
GLENWOOD___5 23614	60.48 3.65 -13.38	52.59 3.57 -7.08	46.12 3.31 -4.82	42.68 2.93 -6.77	43.76 2.88 -8.13	44.59 3.24 -4.10	45.27 3.35 -2.08	49.95 3.80 -2.96	64.63 4.61 -13.41	71.51 4.98 -19.10	123.88 5.95 -62.88	129.14 7.89 -48.17	131.44 10.68 -26.26	140.46 14.00 -9.80	219.44 13.09 -96.31	259.27 22.52 -62.18	236.74 23.60 -30.17	253.53 25.43 -26.25	227.21 22.52 -20.13	193.59 16.60 -30.13	150.79 10.16 -30.14	130.17 7.49 -43.90	115.30 5.93 -49.46	71.98 3.92 -21.40
GLOBAL GREEN_PORT_GT1 23814	64.22 7.39 -13.38	56.24 7.22 -7.08	49.50 6.69 -4.82	45.16 5.41 -6.78	46.28 5.40 -8.13	47.43 6.07 -4.11	48.34 6.42 -2.08	53.41 7.25 -2.96	69.12 9.09 -13.42	76.22 9.67 -19.11	129.22 11.28 -62.89	149.59 14.98 -61.53	159.37 19.47 -45.40	173.02 25.09 -31.27	262.25 23.21 -129.00	295.77 37.00 -84.19	267.29 34.21 -50.11	322.67 37.73 -83.09	264.69 33.96 -46.16	274.49 30.85 -96.78	160.19 19.56 -30.15	153.05 15.13 -59.13	139.45 11.98 -67.56	135.76 8.54 -80.57
GLOBE___DSASP 323697	44.20 0.17 -0.57	42.03 -0.13 -0.21	38.23 -0.23 -0.47	33.71 -0.23 -0.97	33.81 -0.10 -1.16	37.46 -0.37 -0.59	39.86 -0.28 -0.30	42.49 -1.12 -0.42	46.40 -0.79 -0.59	48.05 -0.28 -0.90	56.60 -0.22 -1.76	72.87 -1.24 -1.04	91.98 -2.55 -0.03	113.71 -3.03 -0.08	109.64 -2.53 -2.13	170.43 -5.94 -1.79	180.07 -6.95 -4.05	196.21 -9.28 -3.64	178.35 -7.94 -1.72	146.32 -4.85 -4.30	113.68 -1.10 -4.31	80.41 0.24 -1.38	60.89 -0.78 -1.76	47.44 -0.37 -1.16
GOETHSLN___LBMP 323567	39.65 2.78 6.59	44.67 2.77 0.05	42.40 2.58 -1.83	41.91 2.18 -6.77	42.95 2.10 -8.11	43.77 2.42 -4.10	43.07 2.59 -0.63	49.30 3.15 -2.96	54.42 3.73 -4.08	57.80 4.08 -6.29	53.07 4.95 6.94	65.47 6.50 14.11	80.71 8.88 22.68	103.98 11.78 24.46	114.51 10.78 6.31	184.95 19.90 9.52	211.80 20.68 -8.15	228.41 22.20 -4.36	190.03 19.38 13.92	159.19 13.80 1.47	116.41 8.73 2.80	70.80 5.83 13.82	58.98 4.73 5.66	41.40 2.94 8.20
GOLAH___69_KV_TB 1_2 80279	45.43 1.52 -0.46	43.50 1.38 -0.17	39.39 1.03 -0.38	34.55 0.79 -0.79	34.58 0.88 -0.95	38.66 0.93 -0.48	41.20 1.12 -0.24	44.36 0.82 -0.35	48.25 1.17 -0.48	49.54 1.38 -0.73	58.36 1.87 -1.44	75.53 1.61 -0.84	96.22 1.70 -0.02	118.47 1.75 -0.06	114.01 2.31 -1.66	179.16 3.14 -1.45	188.50 2.38 -3.15	206.50 1.82 -2.83	187.93 2.03 -1.34	152.85 2.64 -3.35	117.26 3.42 -3.35	82.94 3.07 -1.08	62.95 1.68 -1.37	48.91 1.35 -0.90
GOODYEAR_LAKE_HYD 323669	48.84 2.39 -3.00	44.46 2.27 -0.25	40.49 1.94 -0.57	35.83 1.68 -1.18	35.86 1.70 -1.41	40.01 2.05 -0.71	42.44 2.23 -0.36	46.21 2.51 -0.52	50.16 2.84 -0.71	51.66 3.13 -1.10	60.99 3.80 -2.14	79.67 5.33 -1.26	101.88 6.99 -0.38	126.89 8.63 -1.60	136.49 8.14 -18.32	191.98 12.57 -4.84	231.34 13.54 -34.83	248.12 14.73 -31.54	214.04 13.66 -15.82	194.56 11.01 -36.69	155.39 8.84 -36.07	96.11 5.99 -11.34	78.74 4.43 -14.40	59.28 3.13 -9.49
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	45.67 0.96 -1.26	43.25 0.88 -0.43	39.66 0.72 -0.95	35.54 0.59 -1.98	35.74 0.62 -2.37	39.16 0.71 -1.20	41.33 0.88 -0.61	44.92 0.86 -0.87	48.92 1.12 -1.19	50.74 1.47 -1.84	60.41 1.76 -3.60	77.46 2.27 -2.11	98.54 3.12 -0.92	123.86 4.67 -2.54	121.52 4.62 -6.86	188.43 6.28 -7.57	203.66 7.32 -13.37	222.07 7.67 -12.55	200.14 7.38 -8.19	166.65 6.32 -13.48	127.35 4.97 -11.90	85.69 3.70 -3.19	66.24 2.28 -4.06	50.87 1.54 -2.67
GOUDEY___7 23579	45.72 1.00 -1.26	43.29 0.92 -0.43	39.70 0.76 -0.95	35.58 0.63 -1.98	35.78 0.65 -2.37	39.19 0.74 -1.20	41.37 0.92 -0.61	45.01 0.95 -0.87	49.01 1.21 -1.19	50.79 1.52 -1.84	60.52 1.87 -3.60	77.53 2.34 -2.11	98.73 3.31 -0.92	123.98 4.78 -2.54	121.74 4.84 -6.86	188.78 6.63 -7.57	203.84 7.50 -13.37	222.27 7.87 -12.55	200.51 7.75 -8.19	166.95 6.61 -13.48	127.46 5.08 -11.90	85.77 3.78 -3.19	66.36 2.40 -4.06	50.92 1.59 -2.67
GOUDEY___8 23580	45.67 0.96 -1.26	43.25 0.88 -0.43	39.66 0.72 -0.95	35.54 0.59 -1.98	35.74 0.62 -2.37	39.16 0.71 -1.20	41.33 0.88 -0.61	44.92 0.86 -0.87	48.92 1.12 -1.19	50.74 1.47 -1.84	60.41 1.76 -3.60	77.46 2.27 -2.11	98.54 3.12 -0.92	123.86 4.67 -2.54	121.52 4.62 -6.86	188.43 6.28 -7.57	203.66 7.32 -13.37	222.07 7.67 -12.55	200.14 7.38 -8.19	166.65 6.32 -13.48	127.35 4.97 -11.90	85.69 3.70 -3.19	66.24 2.28 -4.06	50.87 1.54 -2.67
GOWANUS_GT1_1 24077	50.55 3.09 -4.02	46.54 3.15 -1.45	44.24 3.00 -3.25	42.24 2.51 -6.77	43.25 2.39 -8.11	44.03 2.68 -4.10	44.79 2.87 -2.08	49.60 3.46 -2.95	54.73 4.05 -4.07	58.20 4.46 -6.31	88.70 5.56 -28.09	96.97 7.02 -16.87	117.66 9.64 -13.52	145.06 12.72 -15.69	136.45 11.44 -14.97	208.97 21.82 -12.58	352.71 22.69 -147.05	251.95 23.82 -26.28	234.88 20.86 -29.46	218.97 14.83 -57.28	133.53 9.39 -13.66	118.98 6.30 -33.88	84.53 5.15 -19.47	67.86 3.31 -17.89
GOWANUS_GT1_2 24078	50.55 3.09 -4.02	46.54 3.15 -1.45	44.24 3.00 -3.25	42.24 2.51 -6.77	43.25 2.39 -8.11	44.03 2.68 -4.10	44.79 2.87 -2.08	49.60 3.46 -2.95	54.73 4.05 -4.07	58.20 4.46 -6.31	88.70 5.56 -28.09	96.97 7.02 -16.87	117.66 9.64 -13.52	145.06 12.72 -15.69	136.45 11.44 -14.97	208.97 21.82 -12.58	352.71 22.69 -147.05	251.95 23.82 -26.28	234.88 20.86 -29.46	218.97 14.83 -57.28	133.53 9.39 -13.66	118.98 6.30 -33.88	84.53 5.15 -19.47	67.86 3.31 -17.89

GOWANUS_GT1_3 24079	50.55 3.09 -4.02	46.54 3.15 -1.45	44.24 3.00 -3.25	42.24 2.51 -6.77	43.25 2.39 -8.11	44.03 2.68 -4.10	44.79 2.87 -2.08	49.60 3.46 -2.95	54.73 4.05 -4.07	58.20 4.46 -6.31	88.70 5.56 -28.09	96.97 7.02 -16.87	117.66 9.64 -13.52	145.06 12.72 -15.69	136.45 11.44 -14.97	208.97 21.82 -12.58	352.71 22.69 -147.05	251.95 23.82 -26.28	234.88 20.86 -29.46	218.97 14.83 -57.28	133.53 9.39 -13.66	118.98 6.30 -33.88	84.53 5.15 -19.47	67.86 3.31 -17.89
GOWANUS_GT1_4 24080	50.55 3.09 -4.02	46.54 3.15 -1.45	44.24 3.00 -3.25	42.24 2.51 -6.77	43.25 2.39 -8.11	44.03 2.68 -4.10	44.79 2.87 -2.08	49.60 3.46 -2.95	54.73 4.05 -4.07	58.20 4.46 -6.31	88.70 5.56 -28.09	96.97 7.02 -16.87	117.66 9.64 -13.52	145.06 12.72 -15.69	136.45 11.44 -14.97	208.97 21.82 -12.58	352.71 22.69 -147.05	251.95 23.82 -26.28	234.88 20.86 -29.46	218.97 14.83 -57.28	133.53 9.39 -13.66	118.98 6.30 -33.88	84.53 5.15 -19.47	67.86 3.31 -17.89
GOWANUS_GT1_5 24084	50.55 3.09 -4.02	46.54 3.15 -1.45	44.24 3.00 -3.25	42.24 2.51 -6.77	43.25 2.39 -8.11	44.03 2.68 -4.10	44.79 2.87 -2.08	49.60 3.46 -2.95	54.73 4.05 -4.07	58.20 4.46 -6.31	88.70 5.56 -28.09	96.97 7.02 -16.87	117.66 9.64 -13.52	145.06 12.72 -15.69	136.45 11.44 -14.97	208.97 21.82 -12.58	352.71 22.69 -147.05	251.95 23.82 -26.28	234.88 20.86 -29.46	218.97 14.83 -57.28	133.53 9.39 -13.66	118.98 6.30 -33.88	84.53 5.15 -19.47	67.86 3.31 -17.89
GOWANUS_GT1_6 24111	50.55 3.09 -4.02	46.54 3.15 -1.45	44.24 3.00 -3.25	42.24 2.51 -6.77	43.25 2.39 -8.11	44.03 2.68 -4.10	44.79 2.87 -2.08	49.60 3.46 -2.95	54.73 4.05 -4.07	58.20 4.46 -6.31	88.70 5.56 -28.09	96.97 7.02 -16.87	117.66 9.64 -13.52	145.06 12.72 -15.69	136.45 11.44 -14.97	208.97 21.82 -12.58	352.71 22.69 -147.05	251.95 23.82 -26.28	234.88 20.86 -29.46	218.97 14.83 -57.28	133.53 9.39 -13.66	118.98 6.30 -33.88	84.53 5.15 -19.47	67.86 3.31 -17.89
GOWANUS_GT1_7 24112	50.55 3.09 -4.02	46.54 3.15 -1.45	44.24 3.00 -3.25	42.24 2.51 -6.77	43.25 2.39 -8.11	44.03 2.68 -4.10	44.79 2.87 -2.08	49.60 3.46 -2.95	54.73 4.05 -4.07	58.20 4.46 -6.31	88.70 5.56 -28.09	96.97 7.02 -16.87	117.66 9.64 -13.52	145.06 12.72 -15.69	136.45 11.44 -14.97	208.97 21.82 -12.58	352.71 22.69 -147.05	251.95 23.82 -26.28	234.88 20.86 -29.46	218.97 14.83 -57.28	133.53 9.39 -13.66	118.98 6.30 -33.88	84.53 5.15 -19.47	67.86 3.31 -17.89
GOWANUS_GT1_8 24113	50.55 3.09 -4.02	46.54 3.15 -1.45	44.24 3.00 -3.25	42.24 2.51 -6.77	43.25 2.39 -8.11	44.03 2.68 -4.10	44.79 2.87 -2.08	49.60 3.46 -2.95	54.73 4.05 -4.07	58.20 4.46 -6.31	88.70 5.56 -28.09	96.97 7.02 -16.87	117.66 9.64 -13.52	145.06 12.72 -15.69	136.45 11.44 -14.97	208.97 21.82 -12.58	352.71 22.69 -147.05	251.95 23.82 -26.28	234.88 20.86 -29.46	218.97 14.83 -57.28	133.53 9.39 -13.66	118.98 6.30 -33.88	84.53 5.15 -19.47	67.86 3.31 -17.89
GOWANUS_GT2_1 24114	50.55 3.09 -4.02	46.55 3.15 -1.45	44.24 3.00 -3.25	42.21 2.47 -6.77	43.28 2.42 -8.11	44.03 2.68 -4.10	44.79 2.87 -2.08	49.55 3.41 -2.95	54.73 4.05 -4.07	58.20 4.46 -6.31	88.76 5.62 -28.09	96.97 7.02 -16.87	117.67 9.64 -13.52	145.07 12.72 -15.69	136.45 11.44 -14.98	208.97 21.82 -12.58	352.71 22.68 -147.05	252.14 24.01 -26.28	234.88 20.85 -29.46	218.97 14.83 -57.28	133.53 9.39 -13.66	118.98 6.31 -33.88	84.47 5.09 -19.47	67.86 3.31 -17.89
GOWANUS_GT2_2 24115	50.55 3.09 -4.02	46.55 3.15 -1.45	44.24 3.00 -3.25	42.21 2.47 -6.77	43.28 2.42 -8.11	44.03 2.68 -4.10	44.79 2.87 -2.08	49.55 3.41 -2.95	54.73 4.05 -4.07	58.20 4.46 -6.31	88.76 5.62 -28.09	96.97 7.02 -16.87	117.67 9.64 -13.52	145.07 12.72 -15.69	136.45 11.44 -14.98	208.97 21.82 -12.58	352.71 22.68 -147.05	252.14 24.01 -26.28	234.88 20.85 -29.46	218.97 14.83 -57.28	133.53 9.39 -13.66	118.98 6.31 -33.88	84.47 5.09 -19.47	67.86 3.31 -17.89
GOWANUS_GT2_3 24116	50.55 3.09 -4.02	46.55 3.15 -1.45	44.24 3.00 -3.25	42.21 2.47 -6.77	43.28 2.42 -8.11	44.03 2.68 -4.10	44.79 2.87 -2.08	49.55 3.41 -2.95	54.73 4.05 -4.07	58.20 4.46 -6.31	88.76 5.62 -28.09	96.97 7.02 -16.87	117.67 9.64 -13.52	145.07 12.72 -15.69	136.45 11.44 -14.98	208.97 21.82 -12.58	352.71 22.68 -147.05	252.14 24.01 -26.28	234.88 20.85 -29.46	218.97 14.83 -57.28	133.53 9.39 -13.66	118.98 6.31 -33.88	84.47 5.09 -19.47	67.86 3.31 -17.89
GOWANUS_GT2_4 24117	50.55 3.09 -4.02	46.55 3.15 -1.45	44.24 3.00 -3.25	42.21 2.47 -6.77	43.28 2.42 -8.11	44.03 2.68 -4.10	44.79 2.87 -2.08	49.55 3.41 -2.95	54.73 4.05 -4.07	58.20 4.46 -6.31	88.76 5.62 -28.09	96.97 7.02 -16.87	117.67 9.64 -13.52	145.07 12.72 -15.69	136.45 11.44 -14.98	208.97 21.82 -12.58	352.71 22.68 -147.05	252.14 24.01 -26.28	234.88 20.85 -29.46	218.97 14.83 -57.28	133.53 9.39 -13.66	118.98 6.31 -33.88	84.47 5.09 -19.47	67.86 3.31 -17.89
GOWANUS_GT2_5 24118	50.55 3.09 -4.02	46.55 3.15 -1.45	44.24 3.00 -3.25	42.21 2.47 -6.77	43.28 2.42 -8.11	44.03 2.68 -4.10	44.79 2.87 -2.08	49.55 3.41 -2.95	54.73 4.05 -4.07	58.20 4.46 -6.31	88.76 5.62 -28.09	96.97 7.02 -16.87	117.67 9.64 -13.52	145.07 12.72 -15.69	136.45 11.44 -14.98	208.97 21.82 -12.58	352.71 22.68 -147.05	252.14 24.01 -26.28	234.88 20.85 -29.46	218.97 14.83 -57.28	133.53 9.39 -13.66	118.98 6.31 -33.88	84.47 5.09 -19.47	67.86 3.31 -17.89
GOWANUS_GT2_6 24119	50.55 3.09 -4.02	46.55 3.15 -1.45	44.24 3.00 -3.25	42.21 2.47 -6.77	43.28 2.42 -8.11	44.03 2.68 -4.10	44.79 2.87 -2.08	49.55 3.41 -2.95	54.73 4.05 -4.07	58.20 4.46 -6.31	88.76 5.62 -28.09	96.97 7.02 -16.87	117.67 9.64 -13.52	145.07 12.72 -15.69	136.45 11.44 -14.98	208.97 21.82 -12.58	352.71 22.68 -147.05	252.14 24.01 -26.28	234.88 20.85 -29.46	218.97 14.83 -57.28	133.53 9.39 -13.66	118.98 6.31 -33.88	84.47 5.09 -19.47	67.86 3.31 -17.89
GOWANUS_GT2_7 24120	50.55 3.09 -4.02	46.55 3.15 -1.45	44.24 3.00 -3.25	42.21 2.47 -6.77	43.28 2.42 -8.11	44.03 2.68 -4.10	44.79 2.87 -2.08	49.55 3.41 -2.95	54.73 4.05 -4.07	58.20 4.46 -6.31	88.76 5.62 -28.09	96.97 7.02 -16.87	117.67 9.64 -13.52	145.07 12.72 -15.69	136.45 11.44 -14.98	208.97 21.82 -12.58	352.71 22.68 -147.05	252.14 24.01 -26.28	234.88 20.85 -29.46	218.97 14.83 -57.28	133.53 9.39 -13.66	118.98 6.31 -33.88	84.47 5.09 -19.47	67.86 3.31 -17.89
GOWANUS_GT2_8 24121	50.55 3.09 -4.02	46.55 3.15 -1.45	44.24 3.00 -3.25	42.21 2.47 -6.77	43.28 2.42 -8.11	44.03 2.68 -4.10	44.79 2.87 -2.08	49.55 3.41 -2.95	54.73 4.05 -4.07	58.20 4.46 -6.31	88.76 5.62 -28.09	96.97 7.02 -16.87	117.67 9.64 -13.52	145.07 12.72 -15.69	136.45 11.44 -14.98	208.97 21.82 -12.58	352.71 22.68 -147.05	252.14 24.01 -26.28	234.88 20.85 -29.46	218.97 14.83 -57.28	133.53 9.39 -13.66	118.98 6.31 -33.88	84.47 5.09 -19.47	67.86 3.31 -17.89
GOWANUS_GT3_1 24122	50.55 3.09 -4.02	46.55 3.15 -1.45	44.24 3.00 -3.25	42.21 2.47 -6.77	43.28 2.42 -8.11	44.03 2.68 -4.10	44.79 2.87 -2.08	49.55 3.41 -2.95	54.73 4.05 -4.07	58.20 4.46 -6.31	88.76 5.62 -28.09	96.97 7.02 -16.87	117.67 9.64 -13.52	145.07 12.72 -15.69	136.45 11.44 -14.98	208.97 21.82 -12.58	352.71 22.68 -147.05	252.14 24.01 -26.28	234.88 20.85 -29.46	218.97 14.83 -57.28	133.53 9.39 -13.66	118.98 6.31 -33.88	84.47 5.09 -19.47	67.86 3.31 -17.89

GOWANUS_GT3_2 24123	50.55	46.55	44.24	42.21	43.28	44.03	44.79	49.55	54.73	58.20	88.76	96.97	117.67	145.07	136.45	208.97	352.71	252.14	234.88	218.97	133.53	118.98	84.47	67.86
	3.09	3.15	3.00	2.47	2.42	2.68	2.87	3.41	4.05	4.46	5.62	7.02	9.64	12.72	11.44	21.82	22.68	24.01	20.85	14.83	9.39	6.31	5.09	3.31
	-4.02	-1.45	-3.25	-6.77	-8.11	-4.10	-2.08	-2.95	-4.07	-6.31	-28.09	-16.87	-13.52	-15.69	-14.98	-12.58	-147.05	-26.28	-29.46	-57.28	-13.66	-33.88	-19.47	-17.89
GOWANUS_GT3_3 24124	50.55	46.55	44.24	42.21	43.28	44.03	44.79	49.55	54.73	58.20	88.76	96.97	117.67	145.07	136.45	208.97	352.71	252.14	234.88	218.97	133.53	118.98	84.47	67.86
	3.09	3.15	3.00	2.47	2.42	2.68	2.87	3.41	4.05	4.46	5.62	7.02	9.64	12.72	11.44	21.82	22.68	24.01	20.85	14.83	9.39	6.31	5.09	3.31
	-4.02	-1.45	-3.25	-6.77	-8.11	-4.10	-2.08	-2.95	-4.07	-6.31	-28.09	-16.87	-13.52	-15.69	-14.98	-12.58	-147.05	-26.28	-29.46	-57.28	-13.66	-33.88	-19.47	-17.89
GOWANUS_GT3_4 24125	50.55	46.55	44.24	42.21	43.28	44.03	44.79	49.55	54.73	58.20	88.76	96.97	117.67	145.07	136.45	208.97	352.71	252.14	234.88	218.97	133.53	118.98	84.47	67.86
	3.09	3.15	3.00	2.47	2.42	2.68	2.87	3.41	4.05	4.46	5.62	7.02	9.64	12.72	11.44	21.82	22.68	24.01	20.85	14.83	9.39	6.31	5.09	3.31
	-4.02	-1.45	-3.25	-6.77	-8.11	-4.10	-2.08	-2.95	-4.07	-6.31	-28.09	-16.87	-13.52	-15.69	-14.98	-12.58	-147.05	-26.28	-29.46	-57.28	-13.66	-33.88	-19.47	-17.89
GOWANUS_GT3_5 24126	50.55	46.55	44.24	42.21	43.28	44.03	44.79	49.55	54.73	58.20	88.76	96.97	117.67	145.07	136.45	208.97	352.71	252.14	234.88	218.97	133.53	118.98	84.47	67.86
	3.09	3.15	3.00	2.47	2.42	2.68	2.87	3.41	4.05	4.46	5.62	7.02	9.64	12.72	11.44	21.82	22.68	24.01	20.85	14.83	9.39	6.31	5.09	3.31
	-4.02	-1.45	-3.25	-6.77	-8.11	-4.10	-2.08	-2.95	-4.07	-6.31	-28.09	-16.87	-13.52	-15.69	-14.98	-12.58	-147.05	-26.28	-29.46	-57.28	-13.66	-33.88	-19.47	-17.89
GOWANUS_GT3_6 24127	50.55	46.55	44.24	42.21	43.28	44.03	44.79	49.55	54.73	58.20	88.76	96.97	117.67	145.07	136.45	208.97	352.71	252.14	234.88	218.97	133.53	118.98	84.47	67.86
	3.09	3.15	3.00	2.47	2.42	2.68	2.87	3.41	4.05	4.46	5.62	7.02	9.64	12.72	11.44	21.82	22.68	24.01	20.85	14.83	9.39	6.31	5.09	3.31
	-4.02	-1.45	-3.25	-6.77	-8.11	-4.10	-2.08	-2.95	-4.07	-6.31	-28.09	-16.87	-13.52	-15.69	-14.98	-12.58	-147.05	-26.28	-29.46	-57.28	-13.66	-33.88	-19.47	-17.89
GOWANUS_GT3_7 24128	50.55	46.55	44.24	42.21	43.28	44.03	44.79	49.55	54.73	58.20	88.76	96.97	117.67	145.07	136.45	208.97	352.71	252.14	234.88	218.97	133.53	118.98	84.47	67.86
	3.09	3.15	3.00	2.47	2.42	2.68	2.87	3.41	4.05	4.46	5.62	7.02	9.64	1										

GREENBSH_115KV_TB3 55895	52.18 1.52 -7.21	45.28 1.47 -1.86	43.48 1.33 -4.16	42.76 1.12 -8.67	44.26 1.11 -10.39	43.73 1.23 -5.25	43.90 1.39 -2.66	48.41 1.43 -3.79	53.51 1.68 -5.23	57.06 1.57 -8.07	72.63 1.82 -15.76	84.68 2.34 -9.27	98.05 3.31 -0.24	122.06 4.20 -1.20	146.40 3.85 -32.51	197.63 6.11 -16.95	248.99 6.40 -59.61	263.27 6.86 -54.56	216.73 6.09 -26.07	216.90 4.70 -65.34	179.18 3.31 -65.38	102.32 2.52 -21.01	88.64 2.04 -26.69	65.75 1.49 -17.60
GREENDGE_115KV_TB5 80291	45.11 0.91 -0.75	43.01 0.80 -0.26	39.15 0.57 -0.59	34.63 0.43 -1.23	34.71 0.49 -1.47	38.59 0.60 -0.74	41.10 0.88 -0.38	44.46 0.73 -0.54	48.37 1.03 -0.74	50.09 1.52 -1.14	59.16 1.87 -2.23	76.80 2.41 -1.31	98.45 3.21 -0.74	123.34 4.67 -2.02	119.38 4.95 -4.40	186.29 6.28 -5.44	198.75 7.14 -8.64	217.72 7.67 -8.20	198.03 7.75 -5.72	162.50 7.05 -8.59	123.64 5.86 -7.30	85.12 4.49 -1.83	64.69 2.46 -2.33	49.83 1.63 -1.54
GREENIDGE___3 23582	45.11 0.91 -0.75	43.01 0.80 -0.26	39.15 0.57 -0.59	34.63 0.43 -1.23	34.71 0.49 -1.47	38.59 0.60 -0.74	41.10 0.88 -0.38	44.46 0.73 -0.54	48.37 1.03 -0.74	50.09 1.52 -1.14	59.16 1.87 -2.23	76.80 2.41 -1.31	98.45 3.21 -0.74	123.34 4.67 -2.02	119.38 4.95 -4.40	186.29 6.28 -5.44	198.75 7.14 -8.64	217.72 7.67 -8.20	198.03 7.75 -5.72	162.50 7.05 -8.59	123.64 5.86 -7.30	85.12 4.49 -1.83	64.69 2.46 -2.33	49.83 1.63 -1.54
GREENIDGE___4 23583	45.20 1.00 -0.75	43.00 0.79 -0.26	39.15 0.57 -0.59	34.63 0.43 -1.23	34.71 0.49 -1.47	38.59 0.59 -0.74	41.10 0.88 -0.38	44.46 0.73 -0.54	48.37 1.02 -0.74	49.95 1.38 -1.14	59.10 1.81 -2.23	77.02 2.63 -1.31	98.45 3.21 -0.74	123.35 4.67 -2.02	119.39 4.96 -4.40	186.28 6.28 -5.44	198.74 7.13 -8.64	217.71 7.67 -8.20	198.03 7.75 -5.71	162.50 7.05 -8.59	123.64 5.85 -7.30	85.11 4.49 -1.83	64.69 2.46 -2.33	49.92 1.73 -1.54
GREENLWN_69_KV_BK 3 55738	60.66 3.82 -13.38	52.80 3.78 -7.08	46.31 3.50 -4.82	42.64 2.90 -6.77	43.73 2.85 -8.13	44.51 3.17 -4.10	45.23 3.31 -2.08	50.00 3.84 -2.96	64.91 4.89 -13.41	71.79 5.26 -19.10	123.98 6.06 -62.87	124.38 7.60 -43.70	127.74 10.58 -22.66	125.61 13.77 4.81	194.71 12.21 -72.47	234.03 21.12 -38.33	213.67 22.14 -8.56	190.33 23.82 35.34	197.72 21.22 8.07	144.42 15.71 18.15	149.24 8.62 -30.13	127.94 8.12 -41.04	112.62 6.65 -46.06	63.51 4.67 -12.18
GREENWD_138_KV_38B11_REV_LBMP_J 345004	50.55 3.09 -4.02	46.54 3.15 -1.45	44.24 3.00 -3.25	42.24 2.51 -6.77	43.25 2.39 -8.11	44.03 2.68 -4.10	44.79 2.87 -2.08	49.60 3.46 -2.95	54.73 4.05 -4.07	58.20 4.46 -6.31	88.70 5.56 -28.09	96.97 7.02 -16.87	117.66 9.64 -13.52	145.06 12.72 -15.69	136.45 11.44 -14.97	208.97 21.82 -12.58	352.71 22.69 -147.05	251.95 23.82 -26.28	234.88 20.86 -29.46	218.97 14.83 -57.28	133.53 9.39 -13.66	118.98 6.30 -33.88	84.53 5.15 -19.47	67.86 3.31 -17.89
GRISSOM___SOLAR 323813	58.82 5.82 -9.54	49.19 5.03 -2.21	47.26 4.33 -4.94	46.83 3.56 -10.30	48.79 3.70 -12.34	47.69 4.21 -6.23	47.79 4.78 -3.16	52.14 4.45 -4.50	57.62 4.80 -6.21	61.85 4.84 -9.58	79.38 5.62 -18.71	94.01 9.94 -11.00	108.11 13.33 -0.28	132.08 13.76 -1.67	167.87 12.87 -44.96	215.75 20.59 -20.60	289.53 22.87 -83.69	304.46 26.64 -75.97	245.97 25.29 -36.12	258.08 20.85 -90.37	219.04 18.12 -90.43	120.38 12.53 -29.06	105.75 8.93 -36.92	78.13 7.14 -24.34
GROVEVILLE___HYD 323602	50.90 3.39 -4.06	46.72 3.31 -1.46	44.22 2.96 -3.27	42.31 2.54 -6.80	43.26 2.36 -8.15	44.05 2.68 -4.12	44.92 2.99 -2.09	49.79 3.63 -2.97	54.76 4.05 -4.10	58.12 4.36 -6.32	72.91 5.51 -12.35	87.72 7.38 -7.26	104.90 10.21 -0.19	130.52 13.30 -0.56	137.64 12.43 -15.17	207.88 20.77 -12.53	235.00 21.96 -30.07	252.04 23.82 -26.37	218.24 21.41 -12.26	193.50 16.15 -30.48	152.04 11.05 -30.50	96.08 7.49 -9.80	78.05 5.69 -12.45	58.51 3.64 -8.21
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	43.79 0.17 -0.16	42.25 0.17 -0.14	38.34 0.04 -0.31	33.62 0.00 -0.65	33.56 0.03 -0.78	37.72 0.07 -0.39	40.20 0.16 -0.20	43.39 -0.09 -0.28	47.04 0.05 -0.39	48.32 0.28 -0.60	57.38 0.44 -1.89	74.36 0.58 -0.69	97.77 0.95 -2.32	127.39 1.28 -9.45	121.55 1.43 -10.08	187.94 1.92 -11.45	195.68 2.01 -10.69	214.89 2.02 -11.03	197.83 2.03 -11.23	162.38 1.91 -13.61	122.00 1.55 -9.97	84.31 1.26 -4.25	63.24 0.60 -2.74	46.98 0.33 0.00
HAMLTNNY_34_KV_TB 80303	44.28 0.43 -0.39	42.51 0.42 -0.15	38.63 0.30 -0.33	33.86 0.20 -0.69	33.81 0.23 -0.83	37.97 0.30 -0.42	40.49 0.44 -0.21	43.80 0.30 -0.30	47.54 0.51 -0.42	48.88 0.81 -0.64	57.99 1.05 -1.88	75.20 1.39 -0.74	98.88 1.98 -2.39	128.69 2.68 -9.35	124.00 2.86 -11.10	190.53 4.02 -11.94	200.88 4.21 -13.69	220.06 4.44 -13.77	201.52 4.24 -12.71	166.81 3.67 -16.28	125.92 2.98 -12.45	85.86 2.36 -4.70	64.76 1.26 -3.60	48.21 0.79 -0.76
HAMPSHIRE___PAPER_HYD 323593	42.67 -0.83 -0.04	41.31 -0.67 -0.04	37.43 -0.65 -0.08	32.65 -0.49 -0.17	32.43 -0.53 -0.21	36.80 -0.56 -0.10	39.22 -0.68 -0.05	42.40 -0.86 -0.08	45.59 -1.12 -0.10	46.26 -1.33 -0.16	73.80 -1.71 -20.45	113.63 -3.00 -43.55	168.06 -3.97 -77.53	282.15 -5.36 -170.85	239.29 -5.06 -134.32	209.06 -8.03 -42.51	209.19 -7.68 -33.90	241.25 -8.28 -47.69	210.68 -7.01 -33.13	330.30 -4.11 -187.55	289.95 -2.76 -182.22	197.84 -2.05 -121.10	137.30 -0.54 -77.93	46.33 -0.32 0.00
HARDSCRABBLE_WT_PWR 323673	43.80 0.35 0.00	42.28 0.33 0.00	38.26 0.27 0.00	33.17 0.20 0.00	32.98 0.23 0.00	37.55 0.30 0.00	40.20 0.36 0.00	43.58 0.39 0.00	47.12 0.51 0.00	48.00 0.57 0.00	56.39 0.71 -0.63	74.61 1.54 0.00	96.50 1.89 -0.10	120.76 1.29 -2.82	116.35 1.21 -5.10	179.31 1.75 -2.99	188.81 2.20 -3.63	207.85 2.02 -3.99	190.11 1.85 -3.70	152.77 1.32 -4.59	116.02 1.33 -4.20	83.58 1.02 -3.76	63.23 0.90 -2.42	47.36 0.70 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	49.98 2.82 -3.71	46.05 2.77 -1.34	43.49 2.51 -2.99	41.32 2.11 -6.24	42.22 2.00 -7.47	43.30 2.27 -3.77	44.27 2.51 -1.91	48.98 3.07 -2.73	53.91 3.54 -3.76	57.12 3.89 -5.80	71.28 4.90 -11.33	86.46 6.72 -6.66	104.03 9.36 -0.17	129.30 12.13 -0.51	135.28 11.44 -13.80	205.43 19.38 -11.49	231.10 20.49 -27.63	248.16 22.20 -24.11	215.48 19.75 -11.17	189.29 14.69 -27.74	147.86 9.61 -27.76	94.17 6.46 -8.92	76.21 4.97 -11.33	57.21 3.08 -7.47
HARSNRAD_115KV_TB1 81005	44.45 0.43 -0.56	42.28 0.13 -0.21	38.41 -0.04 -0.46	33.83 -0.10 -0.96	33.93 0.03 -1.14	37.68 -0.15 -0.58	40.22 0.08 -0.29	43.09 -0.52 -0.42	47.04 -0.14 -0.58	48.75 0.43 -0.89	57.45 0.66 -1.74	73.88 -0.22 -1.02	93.49 -1.04 -0.03	115.92 -0.82 -0.08	111.91 -0.22 -2.09	173.71 -2.62 -1.76	183.84 -3.11 -3.97	200.58 -4.84 -3.58	182.37 -3.88 -1.69	149.32 -1.76 -4.22	115.92 1.22 -4.22	81.80 1.65 -1.36	62.05 0.42 -1.72	48.21 0.42 -1.14
HARZA MOOSE___RIVER 24016	44.46 0.96 -0.06	42.96 0.96 -0.05	38.86 0.76 -0.11	33.82 0.63 -0.22	33.67 0.65 -0.27	38.20 0.82 -0.13	40.79 0.88 -0.07	44.20 0.91 -0.10	47.77 1.03 -0.13	48.68 1.04 -0.21	62.32 1.27 -6.00	86.96 1.97 -11.91	117.68 1.80 -21.38	166.40 1.75 -47.99	150.76 1.87 -38.86	192.92 2.62 -15.73	199.88 3.29 -13.61	223.51 4.04 -17.63	202.18 4.06 -13.56	204.78 3.97 -53.95	165.15 3.42 -51.25	114.74 2.28 -33.67	83.97 2.40 -21.67	48.34 1.68 0.00

HDSNBRDG_115KV_BRDG_TB1 355580	43.47 -0.13 -0.15	41.95 -0.13 -0.13	38.08 -0.19 -0.28	33.33 -0.23 -0.59	33.26 -0.20 -0.71	37.38 -0.22 -0.36	39.91 -0.12 -0.18	43.23 -0.22 -0.26	46.92 -0.05 -0.36	48.17 0.19 -0.55	57.30 0.39 -1.86	74.22 0.51 -0.63	96.51 0.76 -1.25	124.59 1.05 -6.88	119.49 1.21 -8.24	182.50 1.40 -6.53	190.34 1.65 -5.72	209.16 1.41 -5.90	191.86 1.29 -6.01	157.99 1.47 -9.66	119.76 1.22 -8.06	84.53 1.02 -4.71	63.36 0.42 -3.03	46.84 0.19 0.00
HELLGATE_13_KV_LD 55870	50.34 2.87 -4.02	46.38 2.98 -1.46	44.09 2.85 -3.25	42.15 2.41 -6.77	43.15 2.29 -8.11	43.92 2.57 -4.10	44.63 2.71 -2.08	49.34 3.20 -2.95	54.45 3.78 -4.07	57.80 4.08 -6.29	68.75 5.07 -8.63	83.67 6.50 -4.09	99.24 8.88 4.15	124.08 11.78 4.36	135.68 10.67 -14.97	207.46 20.42 -12.47	234.34 21.22 -30.14	250.48 22.40 -26.23	210.63 19.56 -6.50	181.94 13.80 -21.27	139.15 8.73 -19.94	86.44 5.83 -1.82	73.68 4.79 -8.98	54.53 2.94 -4.93
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	50.34 2.87 -4.02	46.38 2.98 -1.46	44.09 2.85 -3.25	42.15 2.41 -6.77	43.15 2.29 -8.11	43.92 2.57 -4.10	44.63 2.71 -2.08	49.34 3.20 -2.95	54.45 3.78 -4.07	57.80 4.08 -6.29	68.75 5.07 -8.63	83.67 6.50 -4.09	99.24 8.88 4.15	124.08 11.78 4.36	135.68 10.67 -14.97	207.46 20.42 -12.47	234.34 21.22 -30.14	250.48 22.40 -26.23	210.63 19.56 -6.50	181.94 13.80 -21.27	139.15 8.73 -19.94	86.44 5.83 -1.82	73.68 4.79 -8.98	54.53 2.94 -4.93
HEMPSTEAD____ 23647	60.61 3.78 -13.38	52.72 3.69 -7.08	46.23 3.42 -4.82	42.68 2.93 -6.78	43.76 2.88 -8.13	44.64 3.28 -4.11	45.19 3.27 -2.08	49.95 3.80 -2.96	64.78 4.76 -13.41	71.61 5.08 -19.10	123.88 5.95 -62.88	128.99 7.74 -48.17	131.15 10.40 -26.26	140.10 13.64 -9.80	219.00 12.65 -96.31	258.75 22.00 -62.18	236.20 23.05 -30.17	252.92 24.82 -26.25	226.65 21.95 -20.13	193.44 16.44 -30.14	150.13 9.50 -30.14	130.18 7.49 -43.90	115.48 6.11 -49.46	72.12 4.06 -21.40
HEWLETT__69_KV_BK3 55828	61.22 4.39 -13.38	53.35 4.32 -7.08	46.80 3.99 -4.82	43.07 3.33 -6.77	44.19 3.31 -8.13	45.03 3.69 -4.10	45.59 3.67 -2.08	50.38 4.23 -2.96	65.29 5.27 -13.41	72.08 5.55 -19.10	124.54 6.61 -62.88	129.95 8.70 -48.17	132.48 11.72 -26.26	141.86 15.40 -9.80	220.76 14.41 -96.31	261.37 24.61 -62.18	239.30 26.17 -30.17	256.35 28.26 -26.25	230.17 25.47 -20.13	196.09 19.09 -30.13	152.00 11.38 -30.14	131.36 8.67 -43.90	116.26 6.89 -49.46	72.14 4.62 -20.86
HICKLING__1 23621	46.07 1.65 -0.97	43.71 1.43 -0.34	39.92 1.18 -0.75	35.49 0.96 -1.56	35.64 1.02 -1.87	39.35 1.15 -0.95	41.80 1.47 -0.48	45.30 1.43 -0.68	49.37 1.82 -0.94	51.26 2.37 -1.45	60.65 2.75 -2.84	78.11 3.36 -1.67	99.97 4.73 -0.74	126.16 7.47 -2.03	122.98 7.70 -5.25	190.20 9.60 -6.03	204.56 11.34 -10.24	223.39 11.91 -9.63	202.56 11.63 -6.37	167.29 10.13 -10.29	127.57 8.07 -9.02	87.25 6.07 -2.39	66.54 3.59 -3.04	51.18 2.52 -2.00
HICKLING__2 23622	46.07 1.65 -0.97	43.71 1.43 -0.34	39.92 1.18 -0.75	35.49 0.96 -1.56	35.64 1.02 -1.87	39.35 1.15 -0.95	41.80 1.47 -0.48	45.30 1.43 -0.68	49.37 1.82 -0.94	51.26 2.37 -1.45	60.65 2.75 -2.84	78.11 3.36 -1.67	99.97 4.73 -0.74	126.16 7.47 -2.03	122.98 7.70 -5.25	190.20 9.60 -6.03	204.56 11.34 -10.24	223.39 11.91 -9.63	202.56 11.63 -6.37	167.29 10.13 -10.29	127.57 8.07 -9.02	87.25 6.07 -2.39	66.54 3.59 -3.04	51.18 2.52 -2.00
HIGH FALLS__HY 23754	50.45 2.78 -4.21	46.15 2.77 -1.44	43.71 2.51 -3.21	41.77 2.11 -6.69	42.66 1.90 -8.02	43.50 2.20 -4.05	44.29 2.39 -2.05	49.18 3.07 -2.92	54.09 3.45 -4.03	57.45 3.79 -6.22	72.11 4.90 -12.15	87.31 7.09 -7.15	104.51 9.83 -0.18	128.50 11.67 -0.18	135.36 10.89 -14.43	200.45 19.20 -6.67	231.20 20.13 -28.10	248.94 22.40 -24.69	216.55 20.49 -11.50	190.74 15.27 -28.60	153.39 10.05 -32.86	96.52 7.17 -10.56	78.77 5.45 -13.41	58.67 3.17 -8.84
HILLBURN__GT 23639	49.83 2.61 -3.78	45.91 2.60 -1.36	43.43 2.39 -3.05	41.33 2.01 -6.35	42.32 1.96 -7.61	43.33 2.23 -3.84	44.23 2.43 -1.95	48.91 2.94 -2.78	53.88 3.45 -3.83	57.13 3.80 -5.91	71.27 4.68 -11.54	86.29 6.43 -6.78	103.56 8.88 -0.17	128.49 11.31 -0.52	134.76 10.67 -14.06	204.59 18.32 -11.70	230.53 19.39 -28.17	247.20 20.79 -24.56	214.39 18.45 -11.38	188.47 13.36 -28.25	147.26 8.51 -28.27	93.62 5.75 -9.08	75.94 4.50 -11.54	57.06 2.80 -7.61
HILLSIDE_115KV_TB1 80332	45.11 0.65 -1.00	42.80 0.50 -0.35	39.11 0.34 -0.78	34.85 0.26 -1.62	34.98 0.29 -1.94	38.56 0.34 -0.98	40.90 0.56 -0.50	44.37 0.48 -0.71	48.33 0.75 -0.98	50.17 1.23 -1.50	59.48 1.49 -2.94	76.49 1.68 -1.73	97.73 2.46 -0.77	123.32 4.55 -2.11	120.43 4.95 -5.45	186.23 5.41 -6.25	200.55 6.95 -10.62	218.91 7.06 -10.00	198.37 7.20 -6.61	163.86 6.32 -10.68	124.93 5.08 -9.36	85.13 3.86 -2.48	65.16 2.10 -3.15	50.09 1.35 -2.08
HISHELDN_WT_PWR 323625	45.26 1.13 -0.68	42.90 0.71 -0.24	39.02 0.49 -0.54	34.43 0.33 -1.13	34.56 0.46 -1.35	38.34 0.41 -0.68	40.87 0.68 -0.35	43.95 0.26 -0.49	47.99 0.70 -0.68	49.62 1.14 -1.05	58.70 1.60 -2.05	76.11 1.83 -1.20	95.86 1.32 -0.03	119.78 3.03 -0.09	116.21 3.63 -2.55	179.28 2.62 -2.09	191.09 3.30 -4.82	208.61 2.43 -4.33	189.56 2.94 -2.05	155.50 3.52 -5.12	120.03 4.42 -5.12	84.22 3.78 -1.65	63.79 1.80 -2.09	49.53 1.49 -1.38
HOLTSVILLE_IC_1 23690	61.70 4.87 -13.38	53.76 4.74 -7.08	47.25 4.44 -4.82	43.38 3.63 -6.78	44.45 3.57 -8.13	45.42 4.06 -4.11	46.15 4.22 -2.08	50.95 4.79 -2.96	66.04 6.01 -13.42	72.85 6.31 -19.11	124.99 7.05 -62.89	142.82 8.77 -60.97	150.64 11.05 -45.09	159.89 14.11 -29.12	248.63 12.87 -125.73	276.54 21.47 -80.50	252.24 22.50 -46.77	299.62 24.21 -73.57	248.14 21.77 -41.80	254.90 17.03 -91.01	150.58 9.95 -30.15	146.26 8.59 -58.88	134.66 7.49 -67.27	131.39 5.27 -79.47
HOLTSVILLE_IC_10 23699	62.09 5.26 -13.38	54.14 5.12 -7.08	47.60 4.79 -4.82	43.64 3.89 -6.78	44.71 3.83 -8.13	45.71 4.36 -4.11	46.46 4.54 -2.08	51.33 5.18 -2.96	66.51 6.48 -13.43	73.38 6.83 -19.11	125.65 7.71 -62.89	145.99 9.65 -63.27	152.99 12.20 -46.30	172.06 15.52 -39.88	266.44 14.30 -142.11	296.99 23.74 -98.68	271.10 24.88 -63.24	349.00 26.64 -120.51	272.04 24.17 -63.30	279.84 18.95 -114.03	151.91 11.27 -30.15	148.24 9.61 -59.84	136.52 8.21 -68.41	135.84 5.78 -83.40
HOLTSVILLE_IC_2 23691	61.70 4.87 -13.38	53.76 4.74 -7.08	47.25 4.44 -4.82	43.38 3.63 -6.78	44.45 3.57 -8.13	45.42 4.06 -4.11	46.15 4.22 -2.08	50.95 4.79 -2.96	66.04 6.01 -13.42	72.85 6.31 -19.11	124.99 7.05 -62.89	142.82 8.77 -60.97	150.64 11.05 -45.09	159.89 14.11 -29.12	248.63 12.87 -125.73	276.54 21.47 -80.50	252.24 22.50 -46.77	299.62 24.21 -73.57	248.14 21.77 -41.80	254.90 17.03 -91.01	150.58 9.95 -30.15	146.26 8.59 -58.88	134.66 7.49 -67.27	131.39 5.27 -79.47
HOLTSVILLE_IC_3 23692	61.70 4.87 -13.38	53.76 4.74 -7.08	47.25 4.44 -4.82	43.38 3.63 -6.78	44.45 3.57 -8.13	45.42 4.06 -4.11	46.15 4.22 -2.08	50.95 4.79 -2.96	66.04 6.01 -13.42	72.85 6.31 -19.11	124.99 7.05 -62.89	142.82 8.77 -60.97	150.64 11.05 -45.09	159.89 14.11 -29.12	248.63 12.87 -125.73	276.54 21.47 -80.50	252.24 22.50 -46.77	299.62 24.21 -73.57	248.14 21.77 -41.80	254.90 17.03 -91.01	150.58 9.95 -30.15	146.26 8.59 -58.88	134.66 7.49 -67.27	131.39 5.27 -79.47

HOLTSVILLE_IC_4 23693	61.70 4.87 -13.38	53.76 4.74 -7.08	47.25 4.44 -4.82	43.38 3.63 -6.78	44.45 3.57 -8.13	45.42 4.06 -4.11	46.15 4.22 -2.08	50.95 4.79 -2.96	66.04 6.01 -13.42	72.85 6.31 -19.11	124.99 7.05 -62.89	142.82 8.77 -60.97	150.64 11.05 -45.09	159.89 14.11 -29.12	248.63 12.87 -125.73	276.54 21.47 -80.50	252.24 22.50 -46.77	299.62 24.21 -73.57	248.14 21.77 -41.80	254.90 17.03 -91.01	150.58 9.95 -30.15	146.26 8.59 -58.88	134.66 7.49 -67.27	131.39 5.27 -79.47
HOLTSVILLE_IC_5 23694	61.70 4.87 -13.38	53.76 4.74 -7.08	47.25 4.44 -4.82	43.38 3.63 -6.78	44.45 3.57 -8.13	45.42 4.06 -4.11	46.15 4.22 -2.08	50.95 4.79 -2.96	66.04 6.01 -13.42	72.85 6.31 -19.11	124.99 7.05 -62.89	142.82 8.77 -60.97	150.64 11.05 -45.09	159.89 14.11 -29.12	248.63 12.87 -125.73	276.54 21.47 -80.50	252.24 22.50 -46.77	299.62 24.21 -73.57	248.14 21.77 -41.80	254.90 17.03 -91.01	150.58 9.95 -30.15	146.26 8.59 -58.88	134.66 7.49 -67.27	131.39 5.27 -79.47
HOLTSVILLE_IC_6 23695	62.09 5.26 -13.38	54.14 5.12 -7.08	47.60 4.79 -4.82	43.64 3.89 -6.78	44.71 3.83 -8.13	45.71 4.36 -4.11	46.46 4.54 -2.08	51.33 5.18 -2.96	66.51 6.48 -13.43	73.38 6.83 -19.11	125.65 7.71 -62.89	145.99 9.65 -63.27	152.99 12.20 -46.30	172.06 15.52 -39.88	266.44 14.30 -142.11	296.99 23.74 -98.68	271.10 24.88 -63.24	349.00 26.64 -120.51	272.04 24.17 -63.30	279.84 18.95 -114.03	151.91 11.27 -30.15	148.24 9.61 -59.84	136.52 8.21 -68.41	135.84 5.78 -83.40
HOLTSVILLE_IC_7 23696	62.09 5.26 -13.38	54.14 5.12 -7.08	47.60 4.79 -4.82	43.64 3.89 -6.78	44.71 3.83 -8.13	45.71 4.36 -4.11	46.46 4.54 -2.08	51.33 5.18 -2.96	66.51 6.48 -13.43	73.38 6.83 -19.11	125.65 7.71 -62.89	145.99 9.65 -63.27	152.99 12.20 -46.30	172.06 15.52 -39.88	266.44 14.30 -142.11	296.99 23.74 -98.68	271.10 24.88 -63.24	349.00 26.64 -120.51	272.04 24.17 -63.30	279.84 18.95 -114.03	151.91 11.27 -30.15	148.24 9.61 -59.84	136.52 8.21 -68.41	135.84 5.78 -83.40
HOLTSVILLE_IC_8 23697	62.09 5.26 -13.38	54.14 5.12 -7.08	47.60 4.79 -4.82	43.64 3.89 -6.78	44.71 3.83 -8.13	45.71 4.36 -4.11	46.46 4.54 -2.08	51.33 5.18 -2.96	66.51 6.48 -13.43	73.38 6.83 -19.11	125.65 7.71 -62.89	145.99 9.65 -63.27	152.99 12.20 -46.30	172.06 15.52 -39.88	266.44 14.30 -142.11	296.99 23.74 -98.68	271.10 24.88 -63.24	349.00 26.64 -120.51	272.04 24.17 -63.30	279.84 18.95 -114.03	151.91 11.27 -30.15	148.24 9.61 -59.84	136.52 8.21 -68.41	135.84 5.78 -83.40
HOLTSVILLE_IC_9 23698	62.09 5.26 -13.38	54.14 5.12 -7.08	47.60 4.79 -4.82	43.64 3.89 -6.78	44.71 3.83 -8.13	45.71 4.36 -4.11	46.46 4.54 -2.08	51.33 5.18 -2.96	66.51 6.48 -13.43	73.38 6.83 -19.11	125.65 7.71 -62.89	145.99 9.65 -63.27	152.99 12.20 -46.30	172.06 15.52 -39.88	266.44 14.30 -142.11	296.99 23.74 -98.68	271.10 24.88 -63.24	349.00 26.64 -120.51	272.04 24.17 -63.30	279.84 18.95 -114.03	151.91 11.27 -30.15	148.24 9.61 -59.84	136.52 8.21 -68.41	135.84 5.78 -83.40
HOMER_HL_115KV_TB2 355744	43.91 -0.26 -0.71	41.74 -0.46 -0.25	38.03 -0.53 -0.57	33.63 -0.53 -1.18	33.74 -0.43 -1.42	37.41 -0.56 -0.72	39.93 -0.28 -0.36	43.23 -0.48 -0.52	47.18 -0.14 -0.71	49.01 0.47 -1.10	57.81 0.61 -2.15	74.34 0.00 -1.26	95.01 0.47 -0.03	121.66 4.90 -0.10	118.23 5.50 -2.70	177.83 1.05 -2.22	193.46 5.31 -5.18	211.75 5.25 -4.65	192.30 5.54 -2.20	157.79 5.43 -5.49	120.95 4.97 -5.50	84.42 3.86 -1.77	63.83 1.68 -2.24	49.30 1.17 -1.48
HOWARD_WT_PWR 323690	46.12 1.87 -0.80	43.69 1.47 -0.28	39.80 1.18 -0.63	35.20 0.92 -1.31	35.36 1.05 -1.57	39.23 1.19 -0.79	41.80 1.55 -0.40	45.10 1.34 -0.57	49.12 1.73 -0.79	50.73 2.08 -1.22	60.07 2.64 -2.38	78.13 3.65 -1.40	99.29 4.26 -0.53	124.89 6.76 -1.46	121.22 7.05 -4.14	187.09 7.86 -4.66	200.54 9.51 -8.05	219.08 9.69 -7.55	199.39 9.96 -4.87	164.26 9.26 -8.14	125.56 7.85 -7.23	86.90 6.15 -1.96	65.99 3.59 -2.49	51.05 2.75 -1.64
HQ_GEN_CEDARS 23644	41.84 -1.61 0.00	40.52 -1.43 0.00	36.85 -1.14 0.00	32.08 -0.89 0.00	31.83 -0.92 0.00	36.17 -1.08 0.00	38.49 -1.35 0.00	41.68 -1.51 0.00	44.65 -1.96 0.00	45.06 -2.37 0.00	46.92 -3.03 5.11	47.36 -4.24 21.48	46.92 -6.43 41.15	46.92 -8.05 61.69	49.92 -7.92 52.19	53.91 -12.05 108.61	46.93 -12.44 123.60	46.92 -13.93 141.00	46.92 -12.37 125.27	46.92 -9.84 90.10	46.92 -6.85 56.71	43.82 -4.25 30.71	37.32 -2.82 19.77	44.88 -1.77 0.00
HQ_GEN_CEDARS_PROXY 323590	41.85 -1.61 0.00	40.52 -1.43 0.00	36.85 -1.14 0.00	32.08 -0.89 0.00	31.83 -0.92 0.00	36.17 -1.08 0.00	38.49 -1.35 0.00	41.68 -1.51 0.00	44.65 -1.96 0.00	45.11 -2.32 0.00	46.92 -3.03 5.11	46.92 -4.68 21.48	46.92 -6.43 41.15	46.92 -8.05 61.69	56.91 -7.92 45.20	46.92 -12.04 115.61	46.92 -12.45 123.61	46.92 -13.92 141.00	46.92 -12.36 125.28	46.92 -9.84 90.10	46.92 -6.85 56.71	46.92 -4.26 27.61	34.23 -2.81 22.87	44.84 -1.82 0.00
HQ_GEN_IMPORT 323601	42.45 -1.00 0.00	41.02 -0.92 0.00	37.23 -0.76 0.00	32.34 -0.63 0.00	32.13 -0.62 0.00	36.50 -0.74 0.00	38.97 -0.88 0.00	42.28 -0.91 0.00	45.35 -1.26 0.00	45.96 -1.47 0.00	51.73 -1.93 1.39	67.99 -2.48 2.60	86.12 -3.21 5.17	101.50 -4.19 10.96	99.92 -4.07 6.04	142.60 -6.46 25.51	154.91 -6.58 21.49	170.54 -7.07 24.23	156.47 -6.28 21.82	124.60 -5.14 17.11	94.65 -3.76 12.08	70.67 -2.83 5.29	49.37 -2.04 8.50	45.35 -1.31 0.00
HQ_GEN_WHEEL 23651	42.45 -1.00 0.00	41.02 -0.92 0.00	37.23 -0.76 0.00	32.34 -0.63 0.00	32.13 -0.62 0.00	36.50 -0.74 0.00	38.97 -0.88 0.00	42.28 -0.91 0.00	45.35 -1.26 0.00	45.96 -1.47 0.00	51.73 -1.93 1.39	67.99 -2.48 2.60	86.12 -3.21 5.17	101.50 -4.19 10.96	99.92 -4.07 6.04	142.60 -6.46 25.51	154.91 -6.58 21.49	170.54 -7.07 24.23	156.47 -6.28 21.82	124.60 -5.14 17.11	94.65 -3.76 12.08	70.67 -2.83 5.29	49.37 -2.04 8.50	45.35 -1.31 0.00
HUDSON_AVE_GT_3 23810	50.65 3.17 -4.02	46.59 3.19 -1.45	44.20 2.96 -3.25	42.21 2.47 -6.77	43.28 2.42 -8.11	44.10 2.76 -4.10	44.91 2.99 -2.08	49.74 3.58 -2.96	54.93 4.24 -4.08	58.33 4.60 -6.29	72.86 5.51 -12.29	87.54 7.23 -7.23	104.42 9.73 -0.19	130.16 12.95 -0.56	136.90 11.88 -14.98	208.68 21.65 -12.47	235.62 22.51 -30.14	252.29 24.22 -26.23	218.10 21.41 -12.13	192.39 15.42 -30.11	150.56 9.94 -30.13	95.09 6.62 -9.68	77.54 5.33 -12.30	58.12 3.36 -8.11
HUDSON_AVE_GT_4 23540	50.65 3.17 -4.02	46.59 3.19 -1.45	44.20 2.96 -3.25	42.21 2.47 -6.77	43.28 2.42 -8.11	44.10 2.76 -4.10	44.91 2.99 -2.08	49.74 3.58 -2.96	54.93 4.24 -4.08	58.33 4.60 -6.29	72.86 5.51 -12.29	87.54 7.23 -7.23	104.42 9.73 -0.19	130.16 12.95 -0.56	136.90 11.88 -14.98	208.68 21.65 -12.47	235.62 22.51 -30.14	252.29 24.22 -26.23	218.10 21.41 -12.13	192.39 15.42 -30.11	150.56 9.94 -30.13	95.09 6.62 -9.68	77.54 5.33 -12.30	58.12 3.36 -8.11
HUDSON_AVE_GT_5 23657	50.65 3.17 -4.02	46.59 3.19 -1.45	44.20 2.96 -3.25	42.21 2.47 -6.77	43.28 2.42 -8.11	44.10 2.76 -4.10	44.91 2.99 -2.08	49.74 3.58 -2.96	54.93 4.24 -4.08	58.33 4.60 -6.29	72.86 5.51 -12.29	87.54 7.23 -7.23	104.42 9.73 -0.19	130.16 12.95 -0.56	136.90 11.88 -14.98	208.68 21.65 -12.47	235.62 22.51 -30.14	252.29 24.22 -26.23	218.10 21.41 -12.13	192.39 15.42 -30.11	150.56 9.94 -30.13	95.09 6.62 -9.68	77.54 5.33 -12.30	58.12 3.36 -8.11

HUDSON_AVE_10 24168	50.56 3.09 -4.02	46.46 3.06 -1.45	44.09 2.85 -3.25	42.11 2.37 -6.77	43.18 2.33 -8.11	44.03 2.68 -4.10	44.83 2.91 -2.08	49.69 3.54 -2.96	54.84 4.15 -4.08	58.23 4.51 -6.29	72.69 5.34 -12.29	87.32 7.02 -7.23	104.14 9.45 -0.19	129.81 12.60 -0.56	136.57 11.55 -14.98	208.33 21.30 -12.47	235.25 22.14 -30.14	251.89 23.82 -26.23	217.73 21.04 -12.13	192.10 15.13 -30.11	150.33 9.72 -30.13	94.85 6.38 -9.68	77.48 5.27 -12.30	58.03 3.27 -8.11
HUDSON___115KV_TB 4 355613	52.54 2.52 -6.57	46.02 2.27 -1.81	44.01 1.98 -4.04	43.03 1.65 -8.42	44.44 1.60 -10.08	44.13 1.79 -5.09	44.50 2.07 -2.58	49.03 2.16 -3.68	54.10 2.42 -5.07	57.39 2.13 -7.83	72.88 2.53 -15.29	85.43 3.36 -8.99	99.65 4.91 -0.23	123.07 6.77 0.35	138.22 5.72 -22.47	181.70 9.95 2.82	234.53 10.25 -41.31	250.48 11.51 -37.13	212.46 10.34 -17.56	199.08 8.37 -43.85	174.78 6.41 -57.88	101.96 4.57 -18.60	86.89 3.35 -23.63	64.80 2.57 -15.58
HUNTER MOUNT___DRP 323613	52.36 2.82 -6.08	46.25 2.56 -1.75	44.10 2.20 -3.91	42.95 1.85 -8.13	44.20 1.70 -9.75	44.07 1.90 -4.92	44.61 2.27 -2.50	49.17 2.42 -3.56	54.12 2.61 -4.91	57.13 2.13 -7.57	72.48 2.64 -14.78	85.20 3.43 -8.69	99.83 5.10 -0.22	123.16 7.58 1.08	132.95 5.94 -16.98	173.65 11.00 11.92	225.39 10.98 -31.44	241.88 12.31 -27.72	208.79 11.26 -12.96	188.35 9.25 -32.23	170.23 7.29 -52.45	100.77 5.12 -16.86	84.98 3.65 -21.41	63.57 2.80 -14.12
HUNTINGTON_RES_REC 323705	61.39 4.56 -13.38	53.47 4.44 -7.08	46.95 4.14 -4.82	43.15 3.40 -6.78	44.22 3.34 -8.13	45.16 3.80 -4.11	45.83 3.91 -2.08	50.64 4.49 -2.96	65.74 5.68 -13.45	72.64 6.07 -19.14	124.96 6.99 -62.91	156.52 9.13 -74.31	164.44 11.72 -58.22	326.41 14.94 -194.81	501.50 13.53 -377.93	537.51 23.04 -339.90	488.94 24.15 -281.82	971.32 26.05 -743.43	556.41 23.25 -348.60	530.35 17.62 -365.87	150.72 10.05 -30.18	157.18 9.06 -69.33	147.20 7.61 -79.68	220.40 5.32 -168.43
HUNTLEY___63 23557	44.95 0.91 -0.59	42.70 0.55 -0.21	38.81 0.34 -0.48	34.23 0.26 -0.99	34.33 0.39 -1.19	38.11 0.26 -0.60	40.59 0.44 -0.30	43.49 -0.13 -0.43	47.58 0.37 -0.60	49.30 0.95 -0.92	58.12 1.27 -1.80	75.01 0.88 -1.06	94.91 0.38 -0.03	118.02 1.28 -0.08	113.98 1.76 -2.19	176.57 0.17 -1.83	187.31 0.18 -4.15	204.17 -1.41 -3.74	185.59 -0.74 -1.77	152.01 0.73 -4.41	117.77 2.87 -4.41	83.05 2.84 -1.42	62.79 1.08 -1.80	48.78 0.93 -1.19
HUNTLEY___64 23558	44.95 0.91 -0.59	42.70 0.55 -0.21	38.81 0.34 -0.48	34.23 0.26 -0.99	34.33 0.39 -1.19	38.11 0.26 -0.60	40.59 0.44 -0.30	43.49 -0.13 -0.43	47.58 0.37 -0.60	49.30 0.95 -0.92	58.12 1.27 -1.80	75.01 0.88 -1.06	94.91 0.38 -0.03	118.02 1.28 -0.08	113.98 1.76 -2.19	176.57 0.17 -1.83	187.31 0.18 -4.15	204.17 -1.41 -3.74	185.59 -0.74 -1.77	152.01 0.73 -4.41	117.77 2.87 -4.41	83.05 2.84 -1.42	62.79 1.08 -1.80	48.78 0.93 -1.19
HUNTLEY___65 23559	44.95 0.91 -0.59	42.70 0.55 -0.21	38.81 0.34 -0.48	34.23 0.26 -0.99	34.33 0.39 -1.19	38.11 0.26 -0.60	40.59 0.44 -0.30	43.49 -0.13 -0.43	47.58 0.37 -0.60	49.30 0.95 -0.92	58.12 1.27 -1.80	75.01 0.88 -1.06	94.91 0.38 -0.03	118.02 1.28 -0.08	113.98 1.76 -2.19	176.57 0.17 -1.83	187.31 0.18 -4.15	204.17 -1.41 -3.74	185.59 -0.74 -1.77	152.01 0.73 -4.41	117.77 2.87 -4.41	83.05 2.84 -1.42	62.79 1.08 -1.80	48.78 0.93 -1.19
HUNTLEY___66 23560	44.95 0.91 -0.59	42.70 0.55 -0.21	38.81 0.34 -0.48	34.23 0.26 -0.99	34.33 0.39 -1.19	38.11 0.26 -0.60	40.59 0.44 -0.30	43.49 -0.13 -0.43	47.58 0.37 -0.60	49.30 0.95 -0.92	58.12 1.27 -1.80	75.01 0.88 -1.06	94.91 0.38 -0.03	118.02 1.28 -0.08	113.98 1.76 -2.19	176.57 0.17 -1.83	187.31 0.18 -4.15	204.17 -1.41 -3.74	185.59 -0.74 -1.77	152.01 0.73 -4.41	117.77 2.87 -4.41	83.05 2.84 -1.42	62.79 1.08 -1.80	48.78 0.93 -1.19
HUNTLEY___67 23561	44.88 0.83 -0.60	42.67 0.50 -0.22	38.78 0.30 -0.49	34.18 0.20 -1.01	34.29 0.33 -1.21	38.05 0.19 -0.61	40.59 0.44 -0.31	43.55 -0.09 -0.44	47.54 0.33 -0.61	49.32 0.95 -0.94	58.16 1.27 -1.84	74.89 0.73 -1.08	94.81 0.28 -0.03	117.91 1.17 -0.08	114.04 1.76 -2.24	176.44 0.00 -1.87	187.23 0.00 -4.26	204.26 -1.41 -3.83	185.64 -0.74 -1.81	152.11 0.73 -4.52	117.88 2.87 -4.52	83.08 2.84 -1.45	62.89 1.14 -1.85	48.81 0.93 -1.22
HUNTLEY___68 23562	44.88 0.83 -0.60	42.67 0.50 -0.22	38.78 0.30 -0.49	34.18 0.20 -1.01	34.29 0.33 -1.21	38.05 0.19 -0.61	40.59 0.44 -0.31	43.55 -0.09 -0.44	47.54 0.33 -0.61	49.32 0.95 -0.94	58.16 1.27 -1.84	74.89 0.73 -1.08	94.81 0.28 -0.03	117.91 1.17 -0.08	114.04 1.76 -2.24	176.44 0.00 -1.87	187.23 0.00 -4.26	204.26 -1.41 -3.83	185.64 -0.74 -1.81	152.11 0.73 -4.52	117.88 2.87 -4.52	83.08 2.84 -1.45	62.89 1.14 -1.85	48.81 0.93 -1.22
HYLAND___LFGE 323620	46.45 2.34 -0.65	44.32 2.14 -0.23	40.22 1.71 -0.52	35.44 1.38 -1.09	35.49 1.44 -1.30	39.54 1.64 -0.66	41.89 1.71 -0.33	44.45 0.78 -0.48	47.78 0.51 -0.66	46.64 -1.80 -1.01	54.94 -2.09 -1.98	68.61 -5.63 -1.16	85.17 -9.36 -0.03	108.47 -8.28 -0.09	106.32 -6.16 -2.44	165.23 -11.34 -2.01	176.81 -10.80 -4.63	196.32 -9.68 -4.16	182.29 -4.24 -1.97	153.09 1.32 -4.91	118.61 3.21 -4.92	83.36 2.99 -1.58	63.47 1.55 -2.01	51.48 3.50 -1.32
INDECK___CORINTH 23802	56.58 3.39 -9.74	46.74 2.85 -1.94	44.76 2.43 -4.34	43.99 1.98 -9.04	45.64 2.06 -10.83	45.03 2.31 -5.47	45.25 2.63 -2.77	49.60 2.46 -3.95	55.04 2.99 -5.45	59.10 3.27 -8.40	74.94 3.47 -16.42	87.77 5.04 -9.65	101.36 6.61 -0.25	126.49 8.04 -1.79	166.16 7.81 -48.31	205.33 12.04 -18.72	285.55 13.18 -89.40	297.59 14.33 -81.42	237.93 14.58 -38.79	255.72 11.75 -97.11	217.38 9.72 -97.17	117.26 7.24 -31.23	104.73 5.15 -39.67	76.96 4.15 -26.15
INDECK___ILION 23567	43.84 0.39 0.00	42.28 0.34 0.00	38.29 0.30 0.00	33.20 0.23 0.00	32.98 0.23 0.00	37.55 0.30 0.00	40.20 0.36 0.00	43.58 0.39 0.00	47.12 0.51 0.00	47.95 0.52 -0.63	56.34 0.66 0.00	74.25 1.17 0.00	96.12 1.51 -0.10	120.88 1.40 -2.82	116.46 1.32 -5.10	179.48 1.92 -2.99	188.80 2.20 -3.63	208.05 2.22 -3.99	190.30 2.03 -3.70	153.07 1.62 -4.59	116.12 1.44 -4.20	83.58 1.02 -3.76	63.17 0.84 -2.42	47.26 0.61 0.00
INDECK___OLEAN 23982	44.43 0.26 -0.71	41.78 -0.42 -0.25	38.03 -0.53 -0.57	33.63 -0.53 -1.18	33.74 -0.43 -1.42	37.41 -0.56 -0.72	39.93 -0.28 -0.36	43.23 -0.47 -0.52	47.18 -0.14 -0.71	48.91 0.38 -1.10	57.81 0.61 -2.15	74.71 0.37 -1.26	94.44 -0.09 -0.03	121.66 4.90 -0.10	118.23 5.50 -2.70	177.84 1.05 -2.21	193.38 5.31 -5.10	211.67 5.24 -4.58	192.27 5.53 -2.17	157.71 5.44 -5.41	120.87 4.98 -5.41	84.47 3.94 -1.74	63.79 1.68 -2.21	49.37 1.26 -1.46
INDECK___OSWEGO 23783	42.62 -0.96 -0.13	41.13 -0.92 -0.11	37.32 -0.91 -0.24	32.65 -0.82 -0.50	32.53 -0.82 -0.60	36.66 -0.89 -0.30	39.08 -0.91 -0.15	42.37 -1.04 -0.22	45.93 -0.98 -0.30	47.04 -0.85 -0.46	56.39 -0.88 -2.22	75.11 -1.24 -3.27	103.30 -1.61 -10.41	140.35 -1.98 -25.68	129.70 -1.65 -21.31	202.06 -2.80 -30.29	210.28 -2.93 -30.24	230.61 -3.43 -32.20	213.12 -2.96 -31.52	179.83 -2.06 -35.02	133.20 -1.32 -24.04	85.90 -0.79 -7.90	64.21 -0.78 -5.08	45.91 -0.75 0.00



INDECK___YERKES 23781	45.21 1.17 -0.59	42.95 0.79 -0.21	39.04 0.57 -0.48	34.36 0.40 -0.99	34.53 0.59 -1.19	38.33 0.48 -0.60	40.59 0.44 -0.30	43.54 -0.09 -0.43	47.57 0.37 -0.60	49.21 0.85 -0.92	58.12 1.27 -1.80	75.45 1.32 -1.06	94.91 0.38 -0.03	118.03 1.29 -0.08	113.98 1.76 -2.19	176.57 0.17 -1.83	187.30 0.18 -4.14	204.16 -1.40 -3.72	185.59 -0.74 -1.76	151.99 0.74 -4.39	117.75 2.87 -4.40	83.04 2.83 -1.41	62.72 1.02 -1.79	48.86 1.03 -1.18
INDIAN POINT_GT_1 24139	50.25 2.82 -3.97	46.19 2.81 -1.43	43.78 2.58 -3.21	41.82 2.18 -6.68	42.91 2.16 -8.00	43.79 2.50 -4.04	44.60 2.71 -2.05	49.31 3.20 -2.92	54.31 3.68 -4.03	57.67 4.03 -6.21	72.03 4.84 -12.13	86.64 6.43 -7.13	103.38 8.69 -0.18	128.76 11.55 -0.55	135.60 10.78 -14.78	205.55 18.68 -12.30	232.27 19.58 -29.72	248.91 21.19 -25.87	215.36 18.83 -11.97	190.37 13.80 -29.71	149.16 8.95 -29.73	94.41 6.07 -9.55	76.83 4.79 -12.14	57.69 3.03 -8.00
INDIAN POINT_GT_2 23659	50.25 2.82 -3.97	46.19 2.81 -1.43	43.78 2.58 -3.21	41.82 2.18 -6.68	42.91 2.16 -8.00	43.79 2.50 -4.04	44.60 2.71 -2.05	49.31 3.20 -2.92	54.31 3.68 -4.03	57.67 4.03 -6.21	72.03 4.84 -12.13	86.64 6.43 -7.13	103.38 8.69 -0.18	128.76 11.55 -0.55	135.60 10.78 -14.78	205.55 18.68 -12.30	232.27 19.58 -29.72	248.91 21.19 -25.87	215.36 18.83 -11.97	190.37 13.80 -29.71	149.16 8.95 -29.73	94.41 6.07 -9.55	76.83 4.79 -12.14	57.69 3.03 -8.00
INDIAN POINT_GT_3 24019	50.25 2.82 -3.97	46.19 2.81 -1.43	43.78 2.58 -3.21	41.82 2.18 -6.68	42.91 2.16 -8.00	43.79 2.50 -4.04	44.60 2.71 -2.05	49.31 3.20 -2.92	54.31 3.68 -4.03	57.67 4.03 -6.21	72.03 4.84 -12.13	86.64 6.43 -7.13	103.38 8.69 -0.18	128.76 11.55 -0.55	135.60 10.78 -14.78	205.55 18.68 -12.30	232.27 19.58 -29.72	248.91 21.19 -25.87	215.36 18.83 -11.97	190.37 13.80 -29.71	149.16 8.95 -29.73	94.41 6.07 -9.55	76.83 4.79 -12.14	57.69 3.03 -8.00
INDIAN POINT___2 23530	50.13 2.78 -3.90	46.08 2.72 -1.41	43.68 2.55 -3.15	41.67 2.14 -6.56	42.71 2.10 -7.86	43.61 2.39 -3.97	44.45 2.59 -2.01	49.17 3.11 -2.87	54.20 3.64 -3.96	57.47 3.93 -6.10	71.76 4.79 -11.92	86.37 6.29 -7.01	103.19 8.51 -0.18	128.51 11.31 -0.54	135.22 10.67 -14.52	204.98 18.32 -12.08	231.52 19.39 -29.16	248.03 20.79 -25.39	214.77 18.45 -11.75	189.54 13.50 -29.18	148.41 8.73 -29.20	94.09 5.91 -9.38	76.50 4.68 -11.92	57.50 2.99 -7.86
INDIAN POINT___3 23531	50.21 2.78 -3.97	46.15 2.77 -1.43	43.74 2.55 -3.21	41.79 2.14 -6.68	42.85 2.10 -8.01	43.68 2.38 -4.04	44.49 2.59 -2.05	49.22 3.11 -2.92	54.22 3.59 -4.03	57.58 3.94 -6.21	71.93 4.73 -12.14	86.43 6.21 -7.14	103.19 8.51 -0.18	128.41 11.20 -0.55	135.28 10.45 -14.79	205.03 18.16 -12.31	231.75 19.03 -29.74	248.12 20.39 -25.89	214.63 18.09 -11.98	189.95 13.36 -29.73	148.85 8.62 -29.75	94.18 5.83 -9.56	76.72 4.67 -12.14	57.65 2.99 -8.01
INGHAM_C_115KV_TB7 356103	43.84 0.39 0.00	42.32 0.38 0.00	38.29 0.30 0.00	33.20 0.23 0.00	33.01 0.26 0.00	37.58 0.34 0.00	40.24 0.40 0.00	43.62 0.43 0.00	47.12 0.51 0.00	48.00 0.57 0.00	56.40 0.72 -0.63	74.61 1.53 0.00	96.50 1.89 -0.10	120.88 1.40 -2.82	116.46 1.32 -5.10	179.31 1.75 -2.99	188.80 2.20 -3.63	207.85 2.02 -3.99	190.11 1.85 -3.70	152.92 1.47 -4.59	116.12 1.44 -4.20	83.66 1.10 -3.76	63.29 0.96 -2.42	47.36 0.70 0.00
IP CORINTH___1 23988	56.80 3.61 -9.74	46.99 3.10 -1.94	44.99 2.66 -4.34	44.18 2.18 -9.04	45.84 2.26 -10.83	45.25 2.53 -5.47	45.49 2.87 -2.77	49.86 2.72 -3.95	55.32 3.26 -5.45	59.39 3.56 -8.40	75.22 3.74 -16.42	88.21 5.48 -9.65	101.93 7.18 -0.25	127.20 8.75 -1.79	166.82 8.47 -48.31	206.39 13.09 -18.72	286.64 14.27 -89.40	298.80 15.54 -81.42	239.04 15.69 -38.79	256.60 12.63 -97.11	218.04 10.39 -97.17	117.74 7.72 -31.23	105.09 5.51 -39.67	77.19 4.39 -26.15
IP___TICONDEROGA 23804	60.09 6.95 -9.69	49.71 5.83 -1.94	47.34 5.01 -4.33	46.12 4.12 -9.02	47.85 4.29 -10.81	47.52 4.81 -5.46	48.15 5.54 -2.77	52.36 5.23 -3.95	58.15 6.11 -5.44	62.51 6.69 -8.39	79.05 7.60 -16.39	94.04 11.33 -9.64	109.59 14.84 -0.25	136.99 18.55 -1.78	176.21 18.16 -48.02	220.83 27.58 -18.68	301.78 30.01 -88.80	315.85 33.10 -80.90	254.86 31.74 -38.55	269.08 25.70 -96.52	228.06 20.99 -96.58	124.80 14.97 -31.04	109.76 10.42 -39.43	81.24 8.58 -26.00
ISLIP_RES_REC 323679	62.44 5.61 -13.38	54.48 5.45 -7.08	47.90 5.09 -4.82	43.90 4.15 -6.78	44.97 4.09 -8.13	45.97 4.62 -4.11	46.82 4.90 -2.08	51.73 5.57 -2.96	66.98 6.95 -13.42	73.84 7.30 -19.11	126.31 8.37 -62.89	147.38 10.53 -63.78	153.80 13.33 -45.97	170.60 17.03 -36.91	263.46 15.85 -137.58	295.63 26.18 -94.88	270.04 27.27 -59.80	341.80 29.26 -110.70	269.96 26.58 -58.81	273.49 20.85 -105.78	153.23 12.59 -30.15	148.84 10.48 -59.57	136.81 8.81 -68.10	130.80 6.21 -77.94
JAMAICA__27_KV_LOAD 355505	51.00 3.52 -4.02	46.84 3.44 -1.45	44.43 3.19 -3.25	42.41 2.67 -6.77	43.45 2.59 -8.11	44.36 3.02 -4.10	45.23 3.31 -2.08	50.21 4.06 -2.96	55.49 4.80 -4.08	58.89 5.17 -6.29	73.24 5.89 -12.29	87.98 7.67 -7.23	105.08 10.40 -0.19	131.10 13.88 -0.56	137.67 12.65 -14.98	210.78 23.74 -12.47	238.18 25.07 -30.14	254.92 26.85 -26.23	220.69 23.99 -12.13	194.44 17.48 -30.11	151.99 11.38 -30.13	95.88 7.41 -9.68	78.44 6.23 -12.30	58.64 3.87 -8.11
JANIS___SOLAR 323808	47.12 2.52 -1.15	44.69 2.39 -0.35	40.79 2.01 -0.79	36.29 1.68 -1.64	36.45 1.73 -1.97	40.33 2.08 -0.99	42.74 2.39 -0.50	46.33 2.42 -0.72	50.06 2.47 -0.99	51.52 2.56 -1.53	61.06 3.03 -2.98	79.22 4.38 -1.75	101.50 5.86 -1.14	127.39 7.58 -3.16	124.91 7.70 -7.18	194.12 11.52 -8.03	210.41 13.35 -14.09	230.52 15.33 -13.34	209.61 15.87 -9.17	174.71 13.80 -14.05	133.36 10.83 -12.05	89.59 7.73 -3.07	69.02 5.21 -3.90	53.01 3.78 -2.57
JARVIS____ 23743	43.67 0.22 0.00	42.20 0.25 0.00	38.18 0.19 0.00	33.14 0.17 0.00	32.91 0.16 0.00	37.44 0.19 0.00	40.04 0.20 0.00	43.45 0.26 0.00	46.93 0.33 0.00	47.81 0.38 0.00	56.12 0.44 -0.63	73.73 0.66 0.00	95.46 0.85 -0.10	120.40 0.93 -2.82	116.01 0.88 -5.10	178.79 1.23 -2.99	187.90 1.29 -3.63	207.26 1.42 -3.99	189.57 1.30 -3.70	152.49 1.04 -4.59	115.47 0.78 -4.20	83.18 0.63 -3.76	62.87 0.54 -2.42	46.98 0.33 0.00
JENNISON___1 23625	47.88 2.82 -1.60	45.12 2.73 -0.44	41.30 2.32 -0.99	37.01 1.98 -2.06	37.22 2.00 -2.47	40.88 2.38 -1.25	43.15 2.67 -0.63	46.94 2.85 -0.90	50.97 3.12 -1.25	52.81 3.46 -1.92	62.93 4.13 -3.75	81.27 5.99 -2.21	103.46 8.13 -0.83	129.28 10.27 -2.36	128.86 10.12 -8.71	197.03 15.01 -7.44	216.45 16.65 -16.82	235.82 18.37 -15.60	211.85 17.90 -9.39	178.92 14.83 -17.22	137.90 11.60 -15.82	91.43 8.12 -4.52	71.46 5.81 -5.75	54.60 4.15 -3.79
JENNISON___2 23626	47.88 2.82 -1.60	45.12 2.73 -0.44	41.30 2.32 -0.99	37.01 1.98 -2.06	37.22 2.00 -2.47	40.88 2.38 -1.25	43.15 2.67 -0.63	46.94 2.85 -0.90	50.97 3.12 -1.25	52.81 3.46 -1.92	62.93 4.13 -3.75	81.27 5.99 -2.21	103.46 8.13 -0.83	129.28 10.27 -2.36	128.86 10.12 -8.71	197.03 15.01 -7.44	216.45 16.65 -16.82	235.82 18.37 -15.60	211.85 17.90 -9.39	178.92 14.83 -17.22	137.90 11.60 -15.82	91.43 8.12 -4.52	71.46 5.81 -5.75	54.60 4.15 -3.79

JERICO_RISE_WT_PWR 323719	41.15 -2.30 0.00	39.81 -2.14 0.00	36.43 -1.56 0.00	31.72 -1.25 0.00	31.47 -1.28 0.00	35.72 -1.53 0.00	37.85 -1.99 0.00	40.86 -2.33 0.00	43.86 -2.75 0.00	44.35 -3.08 0.00	47.39 -3.96 3.70	49.26 -5.41 18.41	51.88 -6.89 35.73	58.22 -8.63 49.81	58.85 -8.25 42.93	55.28 -13.27 106.01	47.43 -13.91 121.63	49.04 -14.73 138.08	47.90 -13.29 123.38	59.11 -10.58 77.18	58.61 -7.84 44.03	50.73 -5.83 22.23	41.35 -4.25 14.30	43.72 -2.94 0.00
KATONAH__115KV_46KV_TB4 355592	50.72 3.17 -4.09	46.57 3.15 -1.48	44.14 2.85 -3.30	42.29 2.44 -6.88	43.55 2.55 -8.25	44.32 2.91 -4.17	45.11 3.15 -2.11	49.96 3.76 -3.01	54.90 4.15 -4.15	58.34 4.51 -6.40	72.90 5.34 -12.50	87.74 7.31 -7.35	104.71 10.02 -0.19	130.52 13.30 -0.57	137.72 12.43 -15.25	207.85 20.60 -12.68	235.38 21.77 -30.63	252.34 23.82 -26.68	217.77 20.86 -12.35	193.08 15.57 -30.65	151.65 10.50 -30.67	95.66 7.01 -9.86	77.76 5.33 -12.52	58.36 3.45 -8.25
KCE_NY_1 323755	56.64 3.56 -9.62	47.07 3.19 -1.93	45.13 2.81 -4.32	44.32 2.34 -9.01	45.93 2.39 -10.79	45.38 2.68 -5.45	45.56 2.95 -2.77	50.02 2.89 -3.94	55.44 3.40 -5.43	59.41 3.60 -8.38	75.55 4.13 -16.36	88.47 5.77 -9.62	102.40 7.65 -0.25	127.99 9.57 -1.76	166.77 9.13 -47.61	207.51 14.32 -18.62	286.11 15.18 -87.96	298.77 16.74 -80.18	238.46 15.68 -38.22	255.19 12.63 -95.69	216.07 9.83 -95.76	116.66 7.09 -30.77	104.27 5.27 -39.09	76.54 4.11 -25.77
KCE_NY_6_ESR 323823	45.43 1.35 -0.63	43.01 0.84 -0.23	39.10 0.61 -0.51	34.45 0.43 -1.06	34.60 0.59 -1.26	38.41 0.52 -0.64	40.92 0.76 -0.32	44.04 0.39 -0.46	48.08 0.84 -0.64	49.79 1.38 -0.98	58.90 1.93 -1.92	76.47 2.27 -1.13	96.23 1.70 -0.03	120.59 3.84 -0.09	116.80 4.41 -2.36	179.83 3.31 -1.95	191.82 4.38 -4.46	209.28 3.43 -4.01	190.15 3.69 -1.90	155.70 4.11 -4.73	120.30 5.09 -4.74	84.64 4.33 -1.52	63.99 2.15 -1.93	49.70 1.77 -1.27
KEDC_PORT_JEFF_GT2 24210	61.87 5.04 -13.38	53.93 4.91 -7.08	47.41 4.59 -4.82	43.47 3.72 -6.78	44.55 3.67 -8.13	45.53 4.17 -4.11	46.27 4.34 -2.08	51.07 4.92 -2.96	66.23 6.20 -13.43	73.09 6.55 -19.12	125.37 7.43 -62.89	145.92 9.28 -63.56	152.94 11.34 -47.10	164.48 13.64 -34.18	256.00 12.54 -133.42	285.37 20.94 -89.87	260.17 21.95 -55.25	323.19 23.60 -97.74	258.66 21.22 -52.88	295.12 16.44 -131.81	150.14 9.50 -30.15	148.17 8.90 -60.48	136.92 7.85 -69.17	143.08 5.50 -90.92
KEDC_PORT_JEFF_GT3 24211	61.87 5.04 -13.38	53.93 4.91 -7.08	47.41 4.59 -4.82	43.47 3.72 -6.78	44.55 3.67 -8.13	45.53 4.17 -4.11	46.27 4.34 -2.08	51.07 4.92 -2.96	66.23 6.20 -13.43	73.09 6.55 -19.12	125.37 7.43 -62.89	145.92 9.28 -63.56	152.94 11.34 -47.10	164.48 13.64 -34.18	256.00 12.54 -133.42	285.37 20.94 -89.87	260.17 21.95 -55.25	323.19 23.60 -97.74	258.66 21.22 -52.88	295.12 16.44 -131.81	150.14 9.50 -30.15	148.17 8.90 -60.48	136.92 7.85 -69.17	143.08 5.50 -90.92
KEDC_GLWD_GT4 24219	60.35 3.52 -13.38	52.47 3.44 -7.08	46.00 3.19 -4.82	42.68 2.93 -6.78	43.76 2.88 -8.13	44.64 3.28 -4.11	45.03 3.11 -2.08	49.82 3.67 -2.96	64.54 4.52 -13.41	71.37 4.84 -19.10	123.82 5.89 -62.88	129.07 7.82 -48.17	131.25 10.49 -26.26	140.22 13.76 -9.80	219.11 12.76 -96.31	258.93 22.17 -62.18	236.38 23.24 -30.17	253.12 25.02 -26.25	226.84 22.14 -20.13	193.30 16.30 -30.14	150.45 9.83 -30.14	130.02 7.33 -43.90	115.18 5.81 -49.46	71.89 3.83 -21.41
KEDC_GLWD_GT5 24220	60.35 3.52 -13.38	52.47 3.44 -7.08	46.00 3.19 -4.82	42.68 2.93 -6.78	43.76 2.88 -8.13	44.64 3.28 -4.11	45.03 3.11 -2.08	49.82 3.67 -2.96	64.54 4.52 -13.41	71.37 4.84 -19.10	123.82 5.89 -62.88	129.07 7.82 -48.17	131.25 10.49 -26.26	140.22 13.76 -9.80	219.11 12.76 -96.31	258.93 22.17 -62.18	236.38 23.24 -30.17	253.12 25.02 -26.25	226.84 22.14 -20.13	193.30 16.30 -30.14	150.45 9.83 -30.14	130.02 7.33 -43.90	115.18 5.81 -49.46	71.89 3.83 -21.41
KENSICO____ 23655	50.46 3.00 -4.01	46.37 2.98 -1.45	43.97 2.74 -3.24	42.03 2.31 -6.75	43.13 2.29 -8.09	43.94 2.61 -4.09	44.75 2.83 -2.07	49.51 3.37 -2.95	54.59 3.91 -4.07	57.93 4.22 -6.28	72.44 5.12 -12.26	87.01 6.72 -7.21	103.76 9.07 -0.19	129.23 12.02 -0.55	136.09 11.11 -14.94	206.38 19.38 -12.43	233.34 20.31 -30.06	249.80 21.80 -26.15	216.04 19.38 -12.10	191.13 14.25 -30.03	149.81 9.28 -30.05	94.75 6.30 -9.66	77.21 5.03 -12.27	57.96 3.22 -8.09
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	50.22 2.91 -3.86	46.14 2.85 -1.34	43.53 2.55 -2.99	41.35 2.14 -6.23	42.15 1.93 -7.47	43.26 2.23 -3.77	44.23 2.47 -1.91	49.03 3.11 -2.73	53.86 3.50 -3.76	57.02 3.79 -5.80	71.28 4.90 -11.33	86.68 6.94 -6.66	104.31 9.64 -0.17	128.24 11.32 -0.27	134.13 10.56 -13.53	200.85 18.50 -7.78	229.05 19.58 -26.50	246.91 21.80 -23.27	215.33 19.93 -10.83	188.77 14.98 -26.93	150.15 9.94 -29.72	95.59 7.25 -9.55	77.55 5.51 -12.13	57.92 3.27 -8.00
KIAC_JFK_GT1 23816	50.82 3.35 -4.02	46.67 3.27 -1.45	44.32 3.08 -3.25	42.28 2.54 -6.77	43.35 2.49 -8.11	44.25 2.91 -4.10	45.11 3.19 -2.08	50.04 3.89 -2.96	55.30 4.61 -4.08	58.70 4.98 -6.29	73.02 5.67 -12.29	87.61 7.31 -7.23	104.61 9.92 -0.19	130.63 13.42 -0.56	137.23 12.21 -14.98	209.90 22.87 -12.47	237.08 23.97 -30.14	253.91 25.84 -26.23	219.76 23.07 -12.13	193.56 16.60 -30.11	151.33 10.72 -30.13	95.49 7.01 -9.68	78.14 5.93 -12.30	58.45 3.69 -8.11
KIAC_JFK_GT2 23817	50.82 3.35 -4.02	46.67 3.27 -1.45	44.32 3.08 -3.25	42.28 2.54 -6.77	43.35 2.49 -8.11	44.25 2.91 -4.10	45.11 3.19 -2.08	50.04 3.89 -2.96	55.30 4.61 -4.08	58.70 4.98 -6.29	73.02 5.67 -12.29	87.61 7.31 -7.23	104.61 9.92 -0.19	130.63 13.42 -0.56	137.23 12.21 -14.98	209.90 22.87 -12.47	237.08 23.97 -30.14	253.91 25.84 -26.23	219.76 23.07 -12.13	193.56 16.60 -30.11	151.33 10.72 -30.13	95.49 7.01 -9.68	78.14 5.93 -12.30	58.45 3.69 -8.11
KIAC_JFK____ 323774	50.82 3.35 -4.02	46.67 3.27 -1.45	44.32 3.08 -3.25	42.28 2.54 -6.77	43.35 2.49 -8.11	44.25 2.91 -4.10	45.11 3.19 -2.08	50.04 3.89 -2.96	55.30 4.62 -4.08	58.70 4.98 -6.29	73.08 5.73 -12.29	87.68 7.38 -7.23	104.61 9.92 -0.19	130.62 13.41 -0.56	137.23 12.21 -14.98	209.90 22.86 -12.47	237.45 24.34 -30.14	254.12 26.05 -26.23	219.76 23.07 -12.13	193.56 16.59 -30.11	151.33 10.71 -30.13	95.48 7.01 -9.68	78.20 5.99 -12.30	58.45 3.68 -8.11
KINTIGH____ 23543	44.79 0.83 -0.51	42.68 0.55 -0.19	38.75 0.34 -0.42	34.07 0.23 -0.87	34.12 0.33 -1.05	38.00 0.22 -0.53	40.59 0.48 -0.27	43.57 0.00 -0.38	47.51 0.37 -0.53	49.10 0.85 -0.81	57.85 1.21 -1.59	74.67 0.66 -0.93	94.62 0.09 -0.02	116.61 -0.12 -0.07	112.46 0.55 -1.88	176.18 0.00 -1.61	185.25 -1.28 -3.56	202.22 -2.83 -3.20	183.86 -2.21 -1.51	150.20 -0.44 -3.78	116.03 1.77 -3.78	81.98 1.97 -1.22	62.11 0.66 -1.54	48.19 0.51 -1.02
KNTFSRNC_46_KV_46KV_LOAD 80397	40.76 -2.69 0.00	39.43 -2.52 0.00	36.47 -1.52 0.00	31.75 -1.22 0.00	31.50 -1.24 0.00	35.76 -1.49 0.00	37.69 -2.15 0.00	40.47 -2.72 0.00	43.44 -3.17 0.00	43.83 -3.60 0.00	47.43 -4.46 3.17	49.97 -5.85 17.26	53.24 -7.56 33.70	61.96 -9.33 45.37	61.76 -8.80 39.47	55.39 -14.14 105.04	47.26 -14.82 120.89	49.12 -15.74 136.98	47.51 -14.40 122.66	63.07 -11.46 72.34	62.80 -8.40 39.29	53.36 -6.38 19.05	42.91 -4.73 12.26	43.39 -3.27 0.00

LACHUTE___HYDRO 323717	60.14 7.00 -9.69	49.71 5.83 -1.94	47.34 5.01 -4.33	46.12 4.12 -9.02	47.85 4.29 -10.81	47.52 4.81 -5.46	48.12 5.50 -2.77	52.36 5.22 -3.95	58.15 6.10 -5.44	62.51 6.69 -8.39	79.05 7.60 -16.39	94.04 11.33 -9.64	109.59 14.84 -0.25	136.99 18.55 -1.78	176.21 18.15 -48.02	220.82 27.57 -18.68	301.79 30.01 -88.80	315.85 33.10 -80.90	255.05 31.93 -38.55	269.07 25.69 -96.52	228.07 21.00 -96.58	124.80 14.97 -31.04	109.76 10.42 -39.43	81.28 8.63 -26.00
LAWRNCV_115KV_TB1 80681	41.24 -2.22 0.00	39.97 -1.97 0.00	36.32 -1.67 0.00	31.62 -1.35 0.00	31.37 -1.38 0.00	35.65 -1.60 0.00	37.97 -1.87 0.00	41.07 -2.12 0.00	44.00 -2.61 0.00	44.40 -3.04 0.00	42.20 -3.80 9.06	37.89 -5.12 30.07	30.60 -7.56 56.34	12.25 -9.45 94.96	22.68 -9.24 78.11	44.36 -14.31 115.89	39.21 -14.64 129.13	36.51 -16.15 149.18	39.56 -14.40 130.61	10.29 -10.28 126.29	10.75 -7.51 92.22	19.03 -5.28 54.48	21.61 -3.23 35.06	44.51 -2.15 0.00
LEDERLE___ 23769	50.19 2.91 -3.82	46.18 2.85 -1.38	43.70 2.62 -3.09	41.61 2.21 -6.43	42.59 2.13 -7.71	43.57 2.42 -3.89	44.49 2.67 -1.98	49.24 3.24 -2.81	54.21 3.73 -3.88	57.49 4.08 -5.98	71.75 5.01 -11.69	86.67 6.72 -6.87	103.94 9.26 -0.18	129.32 12.13 -0.53	135.72 11.44 -14.24	206.15 19.73 -11.85	232.21 20.68 -28.56	248.94 22.20 -24.89	215.84 19.75 -11.53	190.02 14.54 -28.62	148.51 9.39 -28.64	94.38 6.38 -9.20	76.57 4.97 -11.69	57.49 3.13 -7.71
LIGHTHSE_115KV_TB6 355974	43.66 0.09 -0.12	42.13 0.08 -0.10	38.17 -0.04 -0.22	33.36 -0.07 -0.46	33.23 -0.07 -0.55	37.49 -0.04 -0.28	40.03 0.04 -0.14	43.31 -0.09 -0.20	46.88 0.00 -0.28	48.05 0.19 -0.43	59.33 0.28 -4.00	80.70 0.44 -7.19	109.34 0.00 -14.84	150.98 0.00 -34.32	137.86 0.33 -27.50	195.16 0.00 -20.59	202.21 0.18 -19.06	223.92 0.40 -21.67	204.73 0.55 -19.62	189.23 1.32 -41.05	146.82 1.44 -34.90	99.06 1.26 -19.01	73.22 1.08 -12.23	47.31 0.65 0.00
LINDEN COGEN___ 23786	39.61 2.74 6.59	37.63 2.72 7.04	37.55 2.58 3.02	37.45 2.14 -2.34	37.45 2.10 -2.60	37.70 2.39 1.93	37.75 2.59 4.69	39.99 3.15 6.35	40.87 3.73 9.47	42.08 4.03 9.38	53.07 4.96 6.94	65.47 6.50 14.11	80.70 8.88 22.68	103.86 11.66 24.46	114.40 10.67 6.31	184.77 19.72 9.52	211.80 20.67 -8.15	228.42 22.20 -4.37	190.02 19.37 13.92	159.19 13.80 1.47	116.41 8.73 2.80	70.72 5.75 13.82	58.98 4.73 5.66	41.40 2.94 8.20
LINDHRST_69_KV_BK1 356055	61.83 5.00 -13.38	53.89 4.87 -7.08	47.30 4.48 -4.82	43.50 3.76 -6.77	44.58 3.70 -8.13	45.44 4.10 -4.10	46.31 4.38 -2.08	51.08 4.92 -2.96	66.17 6.15 -13.42	73.08 6.55 -19.10	125.31 7.38 -62.88	135.71 9.57 -53.06	137.86 12.38 -30.97	142.97 15.87 -10.45	221.09 14.74 -96.31	261.89 25.14 -62.18	239.30 26.17 -30.17	256.56 28.46 -26.25	230.35 25.65 -20.13	196.53 19.53 -30.13	152.22 11.60 -30.14	135.97 9.53 -47.65	121.80 7.97 -53.92	79.21 5.46 -27.10
LIPA_MISC_IPP 23656	61.70 4.87 -13.38	53.81 4.78 -7.08	47.33 4.52 -4.82	43.33 3.59 -6.77	44.45 3.57 -8.13	45.26 3.91 -4.10	46.19 4.26 -2.08	50.95 4.79 -2.96	66.09 6.06 -13.42	72.95 6.40 -19.11	125.10 7.16 -62.89	143.52 9.06 -61.38	151.44 11.62 -45.32	162.10 14.82 -30.62	240.89 13.64 -117.21	279.82 22.17 -83.08	254.22 22.14 -49.10	306.08 24.02 -80.22	250.82 21.41 -44.85	237.84 18.21 -72.77	151.24 10.61 -30.15	146.83 8.98 -59.06	135.11 7.73 -67.48	132.25 5.37 -80.23
LISF___SOLAR 323691	61.83 4.99 -13.38	53.89 4.86 -7.08	47.41 4.59 -4.82	43.41 3.66 -6.78	44.51 3.63 -8.13	45.45 4.10 -4.11	46.19 4.27 -2.08	51.03 4.88 -2.96	66.18 6.15 -13.42	72.99 6.45 -19.11	125.26 7.32 -62.89	144.23 9.36 -61.79	151.85 11.81 -45.53	164.46 15.16 -32.64	255.10 13.98 -131.09	283.59 22.53 -86.49	258.78 23.61 -52.19	316.51 25.64 -89.02	256.51 23.07 -48.88	264.97 18.80 -99.31	151.68 11.05 -30.15	147.23 9.21 -59.23	135.44 7.85 -67.69	133.12 5.50 -80.96
LITTLE FALLS___HYD 24013	43.84 0.39 0.00	42.32 0.38 0.00	38.29 0.30 0.00	33.20 0.23 0.00	33.01 0.26 0.00	37.58 0.34 0.00	40.24 0.40 0.00	43.62 0.43 0.00	47.12 0.51 0.00	48.00 0.57 0.00	56.40 0.72 -0.63	74.61 1.53 0.00	96.50 1.89 -0.10	120.88 1.40 -2.82	116.46 1.32 -5.10	179.31 1.75 -2.99	188.80 2.20 -3.63	207.85 2.02 -3.99	190.11 1.85 -3.70	152.92 1.47 -4.59	116.12 1.44 -4.20	83.66 1.10 -3.76	63.29 0.96 -2.42	47.36 0.70 0.00
LITTLRIV_115KV_TB1 356100	41.63 -1.82 0.00	40.35 -1.59 0.00	36.62 -1.37 0.00	31.92 -1.06 0.00	31.67 -1.08 0.00	36.02 -1.23 0.00	38.33 -1.51 0.00	41.42 -1.77 0.00	44.37 -2.24 0.00	44.77 -2.66 0.00	41.99 -3.36 9.71	37.36 -4.24 31.48	29.79 -6.24 58.47	8.83 -8.40 99.43	20.44 -8.03 81.57	46.53 -12.57 115.47	41.98 -12.63 128.37	39.11 -13.93 148.81	42.47 -12.37 129.73	7.73 -8.37 130.75	7.18 -6.08 97.23	16.08 -4.33 58.38	19.76 -2.58 37.57	45.02 -1.63 0.00
LI_NEWBRDGE___DRP 323616	60.61 3.78 -13.38	52.72 3.69 -7.08	46.23 3.42 -4.82	42.64 2.90 -6.77	43.69 2.82 -8.13	44.51 3.17 -4.10	45.19 3.27 -2.08	49.91 3.76 -2.96	64.73 4.71 -13.41	71.56 5.03 -19.10	123.66 5.73 -62.88	128.63 7.38 -48.17	130.49 9.73 -26.26	139.18 12.72 -9.80	218.12 11.77 -96.31	257.18 20.42 -62.18	234.55 21.41 -30.17	250.90 22.81 -26.25	225.18 20.49 -20.13	192.42 15.42 -30.13	149.24 8.62 -30.14	129.78 7.09 -43.90	115.36 5.99 -49.46	71.25 4.01 -20.59
LOCKPORT_115KV_TB60_63_64 80432	44.58 0.56 -0.56	42.40 0.25 -0.20	38.52 0.08 -0.46	33.89 -0.03 -0.95	33.98 0.10 -1.14	37.79 -0.04 -0.57	40.33 0.20 -0.29	43.22 -0.39 -0.41	47.18 0.00 -0.57	48.88 0.57 -0.88	57.60 0.83 -1.72	74.09 0.00 -1.01	93.87 -0.66 -0.03	116.39 -0.35 -0.08	112.33 0.22 -2.07	174.40 -1.92 -1.75	184.53 -2.38 -3.94	201.35 -4.04 -3.54	183.10 -3.14 -1.67	149.87 -1.17 -4.18	116.22 1.55 -4.19	82.11 1.97 -1.35	62.21 0.60 -1.71	48.34 0.56 -1.13
LOCKPORT___CC1 323769	44.54 0.52 -0.56	42.32 0.17 -0.21	38.45 0.00 -0.46	33.83 -0.10 -0.96	33.96 0.07 -1.14	37.72 -0.11 -0.58	40.22 0.08 -0.29	43.13 -0.47 -0.42	47.04 -0.14 -0.58	48.65 0.33 -0.89	57.40 0.61 -1.74	74.32 0.22 -1.02	93.49 -1.04 -0.03	116.04 -0.70 -0.08	111.91 -0.22 -2.09	173.72 -2.61 -1.76	183.82 -3.11 -3.96	200.56 -4.85 -3.56	182.36 -3.88 -1.68	149.31 -1.76 -4.21	115.80 1.10 -4.21	81.80 1.66 -1.35	61.99 0.36 -1.72	48.30 0.51 -1.13
LOCKPORT___CC2 323770	44.54 0.52 -0.56	42.32 0.17 -0.21	38.45 0.00 -0.46	33.83 -0.10 -0.96	33.96 0.07 -1.14	37.72 -0.11 -0.58	40.22 0.08 -0.29	43.13 -0.47 -0.42	47.04 -0.14 -0.58	48.65 0.33 -0.89	57.40 0.61 -1.74	74.32 0.22 -1.02	93.49 -1.04 -0.03	116.04 -0.70 -0.08	111.91 -0.22 -2.09	173.72 -2.61 -1.76	183.82 -3.11 -3.96	200.56 -4.85 -3.56	182.36 -3.88 -1.68	149.31 -1.76 -4.21	115.80 1.10 -4.21	81.80 1.66 -1.35	61.99 0.36 -1.72	48.30 0.51 -1.13
LOCKPORT___CC3 323771	44.54 0.52 -0.56	42.32 0.17 -0.21	38.45 0.00 -0.46	33.83 -0.10 -0.96	33.96 0.07 -1.14	37.72 -0.11 -0.58	40.22 0.08 -0.29	43.13 -0.47 -0.42	47.04 -0.14 -0.58	48.65 0.33 -0.89	57.40 0.61 -1.74	74.32 0.22 -1.02	93.49 -1.04 -0.03	116.04 -0.70 -0.08	111.91 -0.22 -2.09	173.72 -2.61 -1.76	183.82 -3.11 -3.96	200.56 -4.85 -3.56	182.36 -3.88 -1.68	149.31 -1.76 -4.21	115.80 1.10 -4.21	81.80 1.66 -1.35	61.99 0.36 -1.72	48.30 0.51 -1.13

LONG_LAKE_PHOENIX 24014	43.23 -0.35 -0.13	41.68 -0.38 -0.11	37.82 -0.42 -0.25	33.09 -0.40 -0.51	33.00 -0.36 -0.62	37.15 -0.41 -0.31	39.64 -0.36 -0.16	42.94 -0.48 -0.22	46.59 -0.33 -0.31	47.77 -0.14 -0.48	56.92 -0.06 -1.92	75.67 0.00 -2.60	102.43 0.09 -7.84	136.05 0.00 -19.40	126.39 0.22 -16.13	197.89 0.17 -23.14	206.03 0.18 -22.87	226.19 0.00 -24.35	208.59 0.18 -23.85	173.92 0.59 -26.48	129.20 0.55 -18.17	85.38 0.63 -5.96	63.92 0.18 -3.84	46.61 -0.05 0.00
LOVETT___3 23632	49.95 2.65 -3.85	45.94 2.60 -1.39	43.49 2.39 -3.11	41.49 2.04 -6.47	42.47 1.96 -7.75	43.44 2.27 -3.92	44.30 2.47 -1.99	49.00 2.98 -2.83	53.96 3.45 -3.90	57.24 3.79 -6.02	71.38 4.57 -11.75	86.05 6.07 -6.91	103.00 8.32 -0.18	128.27 11.08 -0.53	134.81 10.45 -14.32	204.47 17.98 -11.92	230.74 19.03 -28.73	247.27 20.39 -25.04	214.24 18.09 -11.59	188.86 13.22 -28.78	147.68 8.40 -28.80	93.72 5.67 -9.26	76.22 4.55 -11.76	57.25 2.85 -7.75
LOVETT___4 23642	49.95 2.65 -3.85	45.94 2.60 -1.39	43.49 2.39 -3.11	41.49 2.04 -6.47	42.47 1.96 -7.75	43.44 2.27 -3.92	44.30 2.47 -1.99	49.00 2.98 -2.83	53.96 3.45 -3.90	57.24 3.79 -6.02	71.38 4.57 -11.75	86.05 6.07 -6.91	103.00 8.32 -0.18	128.27 11.08 -0.53	134.81 10.45 -14.32	204.47 17.98 -11.92	230.74 19.03 -28.73	247.27 20.39 -25.04	214.24 18.09 -11.59	188.86 13.22 -28.78	147.68 8.40 -28.80	93.72 5.67 -9.26	76.22 4.55 -11.76	57.25 2.85 -7.75
LOVETT___5 23593	49.95 2.65 -3.85	45.94 2.60 -1.39	43.49 2.39 -3.11	41.49 2.04 -6.47	42.47 1.96 -7.75	43.44 2.27 -3.92	44.30 2.47 -1.99	49.00 2.98 -2.83	53.96 3.45 -3.90	57.24 3.79 -6.02	71.38 4.57 -11.75	86.05 6.07 -6.91	103.00 8.32 -0.18	128.27 11.08 -0.53	134.81 10.45 -14.32	204.47 17.98 -11.92	230.74 19.03 -28.73	247.27 20.39 -25.04	214.24 18.09 -11.59	188.86 13.22 -28.78	147.68 8.40 -28.80	93.72 5.67 -9.26	76.22 4.55 -11.76	57.25 2.85 -7.75
LOWER_RAQUET___HYD 24057	41.02 -2.43 0.00	39.76 -2.18 0.00	36.13 -1.86 0.00	31.46 -1.52 0.00	31.21 -1.54 0.00	35.50 -1.75 0.00	37.77 -2.07 0.00	40.86 -2.33 0.00	43.76 -2.84 0.00	44.20 -3.23 0.00	40.67 -4.07 10.32	34.29 -5.99 32.80	25.77 -7.94 60.79	2.13 -10.03 104.50	14.84 -9.68 85.51	43.07 -15.01 116.49	38.49 -15.37 129.11	34.93 -16.95 149.96	39.00 -15.13 130.44	0.20 -10.42 136.24	0.10 -7.74 102.65	11.16 -5.59 62.04	16.57 -3.41 39.93	44.37 -2.29 0.00
LOWER___HUDSON 24059	54.80 2.56 -8.78	46.27 2.43 -1.89	44.39 2.16 -4.23	43.64 1.85 -8.82	45.18 1.87 -10.57	44.67 2.08 -5.34	44.86 2.31 -2.71	49.38 2.33 -3.86	54.63 2.70 -5.32	58.43 2.80 -8.20	74.32 3.25 -16.02	86.88 4.38 -9.42	100.70 5.96 -0.24	125.71 7.47 -1.57	159.57 7.05 -42.49	203.50 11.00 -17.93	272.04 11.35 -77.72	285.39 12.31 -71.23	229.89 11.26 -34.07	241.21 8.96 -85.39	202.67 6.74 -85.45	111.14 4.89 -27.46	98.57 3.78 -34.89	72.45 2.80 -23.00
LOWVILLE_115KV_TB2 356335	44.34 0.83 -0.06	42.83 0.84 -0.05	38.75 0.65 -0.11	33.73 0.53 -0.23	33.59 0.56 -0.28	38.10 0.71 -0.14	40.67 0.76 -0.07	44.03 0.73 -0.10	47.49 0.75 -0.14	48.36 0.71 -0.22	64.71 0.77 -8.88	92.65 1.39 -18.18	127.75 0.57 -32.68	189.67 0.23 -72.78	168.52 0.44 -58.05	196.78 0.35 -21.86	202.49 1.10 -18.42	228.04 1.82 -24.38	205.05 2.21 -18.27	230.89 2.94 -81.10	190.65 2.65 -77.51	131.46 1.81 -50.85	94.91 2.28 -32.73	48.34 1.68 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	56.59 3.52 -9.62	47.03 3.15 -1.93	45.09 2.77 -4.32	44.28 2.31 -9.01	45.90 2.36 -10.79	45.35 2.64 -5.45	45.56 2.95 -2.77	50.02 2.89 -3.94	55.39 3.36 -5.43	59.36 3.56 -8.38	75.49 4.07 -16.36	88.32 5.63 -9.62	102.31 7.56 -0.25	127.87 9.45 -1.76	166.78 9.13 -47.61	207.33 14.14 -18.62	285.94 15.00 -87.96	298.57 16.55 -80.18	238.28 15.50 -38.22	255.04 12.48 -95.69	215.96 9.72 -95.76	116.58 7.01 -30.77	104.21 5.21 -39.09	76.49 4.06 -25.77
LUTHERNY_35_KV_BK2 355980	56.59 3.52 -9.62	47.07 3.19 -1.93	45.13 2.81 -4.32	44.32 2.34 -9.01	45.93 2.39 -10.79	45.38 2.68 -5.45	45.56 2.95 -2.77	50.02 2.89 -3.94	55.44 3.40 -5.43	59.41 3.60 -8.38	75.49 4.07 -16.36	88.40 5.70 -9.62	102.40 7.65 -0.25	127.99 9.57 -1.76	166.78 9.13 -47.61	207.50 14.31 -18.62	286.12 15.19 -87.96	298.77 16.75 -80.18	238.47 15.69 -38.22	255.18 12.63 -95.69	216.07 9.83 -95.76	116.66 7.09 -30.77	104.27 5.27 -39.09	76.53 4.11 -25.77
LWR___OSWEGATCHIE_HYD 23850	42.67 -0.83 -0.04	41.31 -0.67 -0.04	37.43 -0.65 -0.08	32.65 -0.49 -0.17	32.43 -0.52 -0.21	36.79 -0.56 -0.10	39.18 -0.72 -0.05	42.40 -0.86 -0.08	45.59 -1.12 -0.10	46.26 -1.33 -0.16	73.80 -1.71 -20.45	114.66 -1.97 -43.55	168.06 -3.97 -77.53	282.15 -5.37 -170.85	239.29 -5.06 -134.32	209.06 -8.03 -42.52	209.19 -7.68 -33.90	241.26 -8.28 -47.69	210.69 -7.01 -33.14	330.30 -4.11 -187.55	289.94 -2.76 -182.22	197.84 -2.05 -121.10	137.30 -0.54 -77.93	46.38 -0.28 0.00
LYONS_FALL_HYD 23570	44.46 0.95 -0.06	42.96 0.97 -0.05	38.86 0.76 -0.11	33.82 0.62 -0.22	33.67 0.65 -0.27	38.20 0.82 -0.13	40.79 0.88 -0.07	44.20 0.91 -0.10	47.76 1.02 -0.13	48.68 1.04 -0.21	62.33 1.27 -6.00	86.37 1.38 -11.91	117.67 1.79 -21.38	166.40 1.75 -47.99	150.76 1.87 -38.86	192.92 2.62 -15.73	199.88 3.30 -13.61	223.51 4.04 -17.63	202.18 4.06 -13.56	204.78 3.97 -53.95	165.16 3.43 -51.25	114.75 2.29 -33.67	83.97 2.40 -21.67	48.38 1.73 0.00
MADISON___COUNTY_LFGE 323628	44.94 1.39 -0.10	43.33 1.30 -0.08	39.23 1.06 -0.18	34.24 0.89 -0.38	34.09 0.88 -0.45	38.60 1.12 -0.23	41.20 1.24 -0.12	44.70 1.34 -0.16	48.42 1.58 -0.23	49.54 1.75 -0.35	59.57 2.15 -2.37	79.36 2.63 -3.65	104.45 3.40 -6.55	136.03 4.08 -15.29	127.58 4.18 -13.36	190.07 5.94 -9.56	198.77 6.77 -9.03	219.82 7.47 -10.50	200.95 7.20 -9.19	171.43 6.02 -18.55	131.37 4.64 -16.24	92.06 3.15 -10.12	69.30 2.88 -6.51	48.66 2.01 0.00
MALONE___115KV_TB1 356076	41.37 -2.09 0.00	40.06 -1.89 0.00	36.62 -1.37 0.00	31.92 -1.06 0.00	31.64 -1.11 0.00	35.95 -1.30 0.00	38.13 -1.71 0.00	41.16 -2.03 0.00	44.18 -2.42 0.00	44.54 -2.89 0.00	46.06 -3.63 5.36	46.38 -4.68 22.02	46.15 -6.24 42.12	44.92 -7.93 63.81	48.71 -7.48 53.84	53.63 -11.87 109.07	46.58 -12.44 123.95	47.01 -13.32 141.52	46.77 -12.18 125.61	45.21 -9.25 92.40	44.66 -6.85 58.97	41.36 -5.20 32.23	35.51 -3.65 20.74	44.18 -2.47 0.00
MAPLEWOD_115KV_TB3 80458	54.18 2.61 -8.12	46.23 2.39 -1.89	44.34 2.13 -4.23	43.55 1.78 -8.80	45.10 1.80 -10.55	44.59 2.01 -5.33	44.78 2.23 -2.70	49.29 2.25 -3.85	54.57 2.66 -5.31	58.32 2.70 -8.19	74.19 3.14 -15.99	86.79 4.31 -9.40	100.70 5.95 -0.24	125.42 7.35 -1.42	155.28 7.04 -38.21	203.16 11.00 -17.59	264.96 11.71 -70.28	278.77 12.72 -64.21	226.66 11.44 -30.65	232.76 9.11 -76.79	194.17 6.85 -76.84	108.45 4.96 -24.69	95.05 3.77 -31.37	70.18 2.85 -20.68
MAPLE_RIDGE_WT_1 323574	42.71 -0.74 0.00	41.19 -0.75 0.00	37.34 -0.65 0.00	32.44 -0.53 0.00	32.22 -0.53 0.00	36.65 -0.60 0.00	39.17 -0.68 0.00	42.50 -0.69 0.00	45.86 -0.75 0.00	46.58 -0.85 0.00	53.24 -1.05 0.77	65.26 -1.68 6.14	82.18 -2.27 10.05	99.11 -3.03 14.51	108.38 -2.97 -1.31	187.46 -4.89 -17.78	201.81 -5.12 -23.96	221.38 -5.25 -24.79	204.61 -4.61 -24.65	136.46 -3.67 6.74	96.06 -2.87 11.55	72.06 -2.12 4.60	55.51 -1.44 2.96	45.67 -0.98 0.00

MAPLE_RIDGE_WT_2 323611	42.71 -0.74 0.00	41.19 -0.75 0.00	37.34 -0.65 0.00	32.44 -0.53 0.00	32.22 -0.53 0.00	36.65 -0.60 0.00	39.17 -0.68 0.00	42.50 -0.69 0.00	45.86 -0.75 0.00	46.58 -0.85 0.00	53.24 -1.05 0.77	65.26 -1.68 6.14	82.18 -2.27 10.05	99.11 -3.03 14.51	108.38 -2.97 -1.31	187.46 -4.89 -17.78	201.81 -5.12 -23.96	221.38 -5.25 -24.79	204.61 -4.61 -24.65	136.46 -3.67 6.74	96.06 -2.87 11.55	72.06 -2.12 4.60	55.51 -1.44 2.96	45.67 -0.98 0.00
MARBLE_RIVER_WT_PWR 323696	41.02 -2.43 0.00	39.68 -2.27 0.00	36.43 -1.56 0.00	31.68 -1.29 0.00	31.44 -1.31 0.00	35.72 -1.53 0.00	37.77 -2.07 0.00	40.73 -2.46 0.00	43.76 -2.84 0.00	44.25 -3.18 0.00	48.00 -4.07 2.98	50.66 -5.56 16.86	54.32 -7.19 32.99	63.86 -8.98 43.82	63.19 -8.58 38.26	56.25 -13.62 104.70	48.07 -14.27 120.64	49.90 -15.35 136.60	48.30 -13.85 122.42	65.19 -11.02 70.66	64.67 -8.17 37.64	54.78 -6.07 17.95	43.99 -4.37 11.55	43.58 -3.08 0.00
MARSHVLE_115KV_TB1 80742	57.08 4.39 -9.23	48.22 3.94 -2.33	46.59 3.38 -5.22	46.67 2.84 -10.87	48.68 2.91 -13.02	47.18 3.35 -6.58	46.97 3.79 -3.34	51.70 3.76 -4.75	57.31 4.15 -6.55	61.85 4.32 -10.11	79.92 5.12 -19.74	91.92 7.23 -11.61	104.53 9.73 -0.30	130.58 12.37 -1.56	163.31 11.22 -42.05	213.01 17.11 -21.34	280.13 18.85 -78.31	294.10 21.19 -71.07	238.46 20.12 -33.78	247.83 16.45 -84.52	209.42 14.36 -84.58	115.82 9.85 -27.18	101.50 7.07 -34.53	74.88 5.46 -22.76
MARSH_HILL_WT_PWR 323713	46.06 1.82 -0.79	43.65 1.43 -0.28	39.75 1.14 -0.62	35.18 0.92 -1.29	35.31 1.02 -1.55	39.19 1.16 -0.78	41.75 1.51 -0.40	45.05 1.29 -0.56	49.06 1.68 -0.78	50.67 2.04 -1.20	59.99 2.59 -2.35	77.96 3.51 -1.38	99.06 4.06 -0.50	124.55 6.53 -1.36	120.87 6.82 -4.01	186.54 7.50 -4.47	199.91 9.14 -7.79	218.43 9.29 -7.29	198.81 9.59 -4.65	163.71 8.96 -7.89	125.27 7.73 -7.05	86.71 5.99 -1.93	65.83 3.47 -2.45	50.98 2.70 -1.62
MCINTYRE_115KV_TB2 80467	42.11 -1.35 0.00	40.81 -1.13 0.00	37.04 -0.95 0.00	32.28 -0.69 0.00	32.03 -0.72 0.00	36.43 -0.82 0.00	38.73 -1.12 0.00	41.85 -1.34 0.00	44.79 -1.82 0.00	45.20 -2.23 0.00	43.41 -2.92 8.73	40.00 -3.73 29.35	33.86 -5.58 55.07	17.14 -7.35 92.17	27.05 -7.04 75.94	48.29 -11.00 115.28	43.33 -10.98 128.66	41.44 -11.91 148.50	44.07 -10.34 130.16	16.40 -7.20 123.26	16.27 -4.97 89.24	22.76 -3.55 52.49	24.03 -2.10 33.78	45.49 -1.17 0.00
MECO____69_KV_BK1 80468	58.77 5.78 -9.54	49.19 5.03 -2.21	47.27 4.33 -4.94	46.83 3.56 -10.30	48.79 3.70 -12.34	47.69 4.21 -6.23	47.79 4.78 -3.16	52.14 4.45 -4.50	57.62 4.80 -6.21	61.85 4.84 -9.58	79.32 5.56 -18.71	93.94 9.87 -11.00	108.11 13.32 -0.28	132.09 13.77 -1.67	167.87 12.87 -44.96	215.76 20.60 -20.60	289.54 22.87 -83.69	304.66 26.85 -75.97	245.97 25.29 -36.12	258.09 20.85 -90.37	219.04 18.12 -90.43	120.38 12.53 -29.06	105.75 8.93 -36.92	78.13 7.14 -24.34
MENANDS__115KV_TB5 355628	53.24 2.00 -7.79	45.75 1.93 -1.88	43.90 1.71 -4.20	43.17 1.45 -8.75	44.67 1.44 -10.48	44.18 1.64 -5.30	44.36 1.83 -2.69	48.87 1.86 -3.82	54.07 2.19 -5.28	57.75 2.18 -8.14	73.48 2.53 -15.89	85.78 3.36 -9.34	99.37 4.63 -0.24	123.83 5.83 -1.34	151.69 5.50 -36.15	200.64 8.73 -17.35	258.26 8.97 -66.32	272.22 9.69 -60.69	222.23 8.67 -29.00	226.27 6.76 -72.66	188.16 4.97 -72.70	105.78 3.62 -23.37	92.46 2.88 -29.68	68.32 2.10 -19.57
MG INDUSTRY___DRP 24185	52.00 2.13 -6.42	45.79 2.01 -1.83	43.86 1.79 -4.09	43.00 1.52 -8.51	44.49 1.54 -10.20	44.12 1.71 -5.15	44.33 1.87 -2.61	48.81 1.90 -3.72	53.93 2.19 -5.13	57.29 1.94 -7.92	72.78 2.26 -15.47	83.78 1.61 -9.10	96.91 2.17 -0.23	118.72 2.68 0.62	132.81 2.42 -20.35	172.65 3.84 5.76	224.42 4.03 -37.42	239.77 4.44 -33.48	204.23 3.88 -15.79	189.34 3.08 -39.39	168.57 2.43 -55.65	98.65 1.97 -17.89	84.24 1.62 -22.72	63.69 2.05 -14.98
MID___OSWEGATCHIE_HYD 23849	42.67 -0.83 -0.04	41.31 -0.67 -0.04	37.43 -0.65 -0.08	32.65 -0.49 -0.17	32.43 -0.52 -0.21	36.79 -0.56 -0.10	39.18 -0.72 -0.05	42.40 -0.86 -0.08	45.59 -1.12 -0.10	46.26 -1.33 -0.16	73.80 -1.71 -20.45	114.66 -1.97 -43.55	168.06 -3.97 -77.53	282.15 -5.37 -170.85	239.29 -5.06 -134.32	209.06 -8.03 -42.52	209.19 -7.68 -33.90	241.26 -8.28 -47.69	210.69 -7.01 -33.14	330.30 -4.11 -187.55	289.94 -2.76 -182.22	197.84 -2.05 -121.10	137.30 -0.54 -77.93	46.38 -0.28 0.00
MID___RAQUETTE_HYD 23851	41.02 -2.43 0.00	39.76 -2.18 0.00	36.13 -1.86 0.00	31.45 -1.52 0.00	31.21 -1.54 0.00	35.50 -1.75 0.00	37.77 -2.07 0.00	40.86 -2.33 0.00	43.76 -2.84 0.00	44.16 -3.27 0.00	40.66 -4.07 10.32	34.87 -5.41 32.80	25.77 -7.94 60.79	2.13 -10.03 104.50	14.84 -9.68 85.51	43.07 -15.01 116.49	38.50 -15.37 129.11	34.94 -16.96 149.95	39.00 -15.13 130.43	0.20 -10.43 136.24	0.10 -7.73 102.65	11.15 -5.59 62.04	16.56 -3.41 39.93	44.37 -2.29 0.00
MILLIKEN___1 23584	45.58 1.35 -0.78	43.47 1.26 -0.27	39.65 1.06 -0.60	35.08 0.86 -1.25	35.13 0.88 -1.50	39.09 1.08 -0.76	41.50 1.28 -0.38	44.99 1.25 -0.55	48.85 1.49 -0.76	50.35 1.75 -1.16	59.93 2.09 -2.78	77.34 2.92 -1.34	100.09 4.06 -1.53	128.35 5.25 -6.44	125.17 5.28 -9.86	191.29 7.68 -9.04	204.37 8.78 -12.62	223.80 9.69 -12.26	203.86 9.60 -9.70	170.21 8.22 -15.12	129.70 6.41 -12.81	88.49 4.73 -4.97	67.32 3.00 -4.42	50.34 2.05 -1.63
MILLIKEN___2 23585	45.58 1.35 -0.78	43.47 1.26 -0.27	39.65 1.06 -0.60	35.08 0.86 -1.25	35.13 0.88 -1.50	39.09 1.08 -0.76	41.50 1.28 -0.38	44.99 1.25 -0.55	48.85 1.49 -0.76	50.35 1.75 -1.16	59.93 2.09 -2.78	77.34 2.92 -1.34	100.09 4.06 -1.53	128.35 5.25 -6.44	125.17 5.28 -9.86	191.29 7.68 -9.04	204.37 8.78 -12.62	223.80 9.69 -12.26	203.86 9.60 -9.70	170.21 8.22 -15.12	129.70 6.41 -12.81	88.49 4.73 -4.97	67.32 3.00 -4.42	50.34 2.05 -1.63
MILLIKEN___DIESEL 23629	45.58 1.35 -0.78	43.47 1.26 -0.27	39.65 1.06 -0.60	35.08 0.86 -1.25	35.13 0.88 -1.50	39.09 1.08 -0.76	41.50 1.28 -0.38	44.99 1.25 -0.55	48.85 1.49 -0.76	50.35 1.75 -1.16	59.93 2.09 -2.78	77.34 2.92 -1.34	100.09 4.06 -1.53	128.35 5.25 -6.44	125.17 5.28 -9.86	191.29 7.68 -9.04	204.37 8.78 -12.62	223.80 9.69 -12.26	203.86 9.60 -9.70	170.21 8.22 -15.12	129.70 6.41 -12.81	88.49 4.73 -4.97	67.32 3.00 -4.42	50.34 2.05 -1.63
MILLSEAT___LFGE 323607	45.38 1.39 -0.54	43.23 1.09 -0.20	39.23 0.80 -0.44	34.48 0.59 -0.92	34.57 0.72 -1.10	38.48 0.67 -0.56	41.04 0.92 -0.28	44.11 0.52 -0.40	48.14 0.98 -0.55	49.66 1.38 -0.85	58.70 1.98 -1.67	75.60 1.54 -0.98	95.38 0.85 -0.03	118.49 1.75 -0.07	114.23 2.20 -2.00	177.65 1.39 -1.69	187.68 0.92 -3.78	205.45 0.20 -3.40	186.91 0.74 -1.61	152.78 1.90 -4.02	118.26 3.76 -4.02	83.55 3.46 -1.29	63.59 2.04 -1.64	49.47 1.73 -1.08
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	50.36 2.91 -3.99	46.24 2.85 -1.44	43.84 2.62 -3.22	41.93 2.24 -6.71	42.99 2.19 -8.05	43.85 2.53 -4.06	44.66 2.75 -2.06	49.37 3.24 -2.94	54.43 3.78 -4.05	57.75 4.08 -6.24	72.15 4.90 -12.20	86.75 6.50 -7.17	103.48 8.79 -0.18	128.88 11.67 -0.55	135.79 10.89 -14.87	205.62 18.68 -12.37	232.64 19.76 -29.90	249.06 21.19 -26.02	215.43 18.83 -12.04	190.54 13.80 -29.88	149.33 8.95 -29.90	94.54 6.15 -9.61	76.96 4.85 -12.21	57.78 3.08 -8.05

MILLWOOD_13_KV_LOAD 356217	50.44 3.00 -3.99	46.37 2.98 -1.44	43.95 2.74 -3.22	42.03 2.34 -6.71	43.15 2.36 -8.05	44.00 2.68 -4.06	44.82 2.91 -2.06	49.63 3.50 -2.94	54.62 3.96 -4.05	57.99 4.32 -6.24	72.37 5.12 -12.20	87.12 6.87 -7.17	104.04 9.36 -0.18	129.58 12.37 -0.55	136.57 11.66 -14.87	206.66 19.73 -12.37	233.73 20.86 -29.90	250.47 22.61 -26.02	216.53 19.93 -12.04	191.42 14.69 -29.88	150.10 9.72 -29.90	94.94 6.54 -9.61	77.20 5.09 -12.21	57.97 3.27 -8.05
MODEL_CITY_ENERGY 24167	44.29 0.26 -0.57	42.11 -0.04 -0.21	38.26 -0.19 -0.46	33.67 -0.26 -0.97	33.81 -0.10 -1.16	37.50 -0.34 -0.58	40.02 -0.12 -0.30	42.88 -0.73 -0.42	46.77 -0.42 -0.58	48.38 0.05 -0.90	57.09 0.28 -1.75	73.96 -0.15 -1.03	92.92 -1.61 -0.03	115.22 -1.52 -0.08	111.05 -1.10 -2.12	172.51 -3.84 -1.78	182.42 -4.57 -4.01	198.99 -6.47 -3.61	180.91 -5.36 -1.70	148.33 -2.79 -4.26	115.08 0.33 -4.27	81.35 1.18 -1.37	61.59 -0.06 -1.74	47.94 0.14 -1.15
MODERN_LFGE_ 323580	44.29 0.26 -0.57	42.11 -0.04 -0.21	38.26 -0.19 -0.46	33.67 -0.26 -0.97	33.81 -0.10 -1.16	37.50 -0.34 -0.58	40.02 -0.12 -0.30	42.88 -0.73 -0.42	46.77 -0.42 -0.58	48.38 0.05 -0.90	57.09 0.28 -1.75	73.96 -0.15 -1.03	92.92 -1.61 -0.03	115.22 -1.52 -0.08	111.05 -1.10 -2.12	172.51 -3.84 -1.78	182.42 -4.57 -4.01	198.99 -6.47 -3.61	180.91 -5.36 -1.70	148.33 -2.79 -4.26	115.08 0.33 -4.27	81.35 1.18 -1.37	61.59 -0.06 -1.74	47.94 0.14 -1.15
MOHAWK_PAPER__DRP 24187	54.18 2.61 -8.12	46.23 2.39 -1.89	44.34 2.13 -4.23	43.55 1.78 -8.80	45.10 1.80 -10.55	44.59 2.01 -5.33	44.78 2.23 -2.70	49.29 2.25 -3.85	54.57 2.66 -5.31	58.32 2.70 -8.19	74.19 3.14 -15.99	86.79 4.31 -9.40	100.70 5.95 -0.24	125.42 7.35 -1.42	155.28 7.04 -38.21	203.16 11.00 -17.59	264.96 11.71 -70.28	278.77 12.72 -64.21	226.66 11.44 -30.65	232.76 9.11 -76.79	194.17 6.85 -76.84	108.45 4.96 -24.69	95.05 3.77 -31.37	70.18 2.85 -20.68
MOHICAN__35_KV_115KV_LD 80490	57.07 3.95 -9.66	47.28 3.40 -1.94	45.24 2.93 -4.33	44.39 2.41 -9.02	46.04 2.49 -10.80	45.50 2.79 -5.46	45.80 3.19 -2.77	50.16 3.02 -3.94	55.59 3.54 -5.44	59.70 3.89 -8.38	75.67 4.24 -16.38	88.85 6.14 -9.63	102.88 8.13 -0.25	128.35 9.92 -1.77	167.57 9.68 -47.85	208.06 14.84 -18.66	287.53 16.10 -88.45	300.01 17.56 -80.60	240.32 17.35 -38.41	257.14 14.10 -96.18	218.10 11.38 -96.24	117.99 8.27 -30.93	105.13 5.93 -39.29	77.32 4.76 -25.90
MONGAUP__HYD 23641	49.67 2.65 -3.57	45.79 2.56 -1.29	43.15 2.28 -2.88	40.88 1.91 -6.00	41.74 1.80 -7.19	42.93 2.05 -3.63	43.96 2.27 -1.84	48.58 2.77 -2.62	53.21 2.99 -3.62	56.19 3.18 -5.58	69.65 3.69 -10.91	84.68 5.19 -6.41	100.90 6.24 -0.17	124.97 7.82 -0.49	130.81 7.49 -13.29	198.73 13.10 -11.06	222.88 13.35 -26.56	240.18 15.15 -23.19	209.34 14.02 -10.75	185.03 11.46 -26.71	144.73 7.52 -26.73	93.13 5.75 -8.59	75.19 4.37 -10.91	56.79 2.94 -7.19
MONTAUK__DIESEL 23721	64.39 7.56 -13.38	56.45 7.42 -7.08	49.69 6.88 -4.82	45.28 5.54 -6.77	46.41 5.53 -8.13	47.46 6.11 -4.10	48.54 6.61 -2.08	53.58 7.43 -2.96	69.31 9.27 -13.42	76.50 9.96 -19.11	129.45 11.51 -62.89	149.95 15.35 -61.52	159.84 19.94 -45.40	173.55 25.67 -31.22	252.04 23.77 -118.24	293.77 35.09 -84.11	268.87 35.86 -50.03	322.86 38.15 -82.87	266.06 35.44 -46.06	252.88 31.43 -74.59	160.63 20.00 -30.15	153.36 15.44 -59.12	139.68 12.22 -67.56	135.93 8.72 -80.55
MOONROAD_115KV_HARTFLD_TB1-2 355988	46.25 2.13 -0.67	43.91 1.72 -0.24	39.93 1.41 -0.54	35.21 1.12 -1.12	35.33 1.24 -1.34	39.30 1.38 -0.68	41.98 1.79 -0.34	45.36 1.68 -0.49	49.61 2.33 -0.67	51.60 3.13 -1.04	60.94 3.85 -2.03	78.43 4.17 -1.19	99.82 5.29 -0.03	125.62 8.87 -0.09	122.01 9.46 -2.52	185.08 8.38 -2.13	198.16 10.25 -4.94	216.18 9.89 -4.44	196.63 9.97 -2.10	161.06 8.96 -5.25	124.02 8.29 -5.25	86.78 6.30 -1.69	65.46 3.41 -2.14	50.59 2.52 -1.41
MORTIMER_115KV_TB3 55949	45.21 1.30 -0.45	43.25 1.13 -0.17	39.20 0.84 -0.38	34.38 0.63 -0.78	34.41 0.72 -0.94	38.43 0.71 -0.47	41.04 0.96 -0.24	44.27 0.73 -0.34	48.24 1.17 -0.47	49.72 1.57 -0.73	58.57 2.09 -1.42	75.96 2.05 -0.84	96.79 2.27 -0.02	119.75 3.03 -0.06	115.20 3.52 -1.64	181.07 5.06 -1.44	190.30 4.21 -3.11	208.28 3.63 -2.80	189.21 3.32 -1.32	153.84 3.67 -3.31	117.99 4.20 -3.31	83.40 3.55 -1.06	63.17 1.92 -1.35	48.99 1.45 -0.89
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	50.60 3.13 -4.02	46.50 3.10 -1.45	44.16 2.93 -3.25	42.18 2.44 -6.77	43.25 2.39 -8.11	44.07 2.72 -4.10	44.83 2.91 -2.08	49.65 3.50 -2.96	54.79 4.10 -4.08	58.09 4.36 -6.29	72.64 5.29 -12.30	87.18 6.87 -7.23	104.04 9.36 -0.19	129.58 12.37 -0.56	136.35 11.33 -14.98	207.63 20.60 -12.47	234.52 21.41 -30.14	251.08 23.01 -26.23	217.00 20.30 -12.13	191.66 14.69 -30.11	150.00 9.39 -30.13	94.86 6.38 -9.68	77.36 5.15 -12.30	58.03 3.27 -8.11
MUNSVILLE_WIND_PWR 323609	48.74 3.91 -1.38	46.12 3.78 -0.40	42.07 3.19 -0.89	37.53 2.70 -1.85	37.69 2.72 -2.22	41.65 3.28 -1.12	44.08 3.66 -0.57	47.97 3.97 -0.81	51.87 4.15 -1.12	53.57 4.41 -1.72	63.76 5.34 -3.37	83.10 8.04 -1.98	106.16 10.68 -0.98	132.82 13.41 -2.75	131.29 13.31 -7.95	202.38 20.07 -7.74	220.38 21.95 -15.46	240.74 24.41 -14.48	218.01 24.17 -9.28	182.78 20.27 -15.65	140.22 15.80 -13.94	93.54 10.95 -3.80	72.58 7.85 -4.83	55.67 5.83 -3.18
N SALMON__HYD 24042	41.37 -2.08 0.00	40.06 -1.89 0.00	36.62 -1.37 0.00	31.91 -1.06 0.00	31.64 -1.11 0.00	35.94 -1.30 0.00	38.13 -1.71 0.00	41.16 -2.03 0.00	44.18 -2.43 0.00	44.59 -2.84 0.00	46.06 -3.64 5.36	46.08 -4.97 22.02	46.24 -6.14 42.12	44.92 -7.94 63.81	48.71 -7.49 53.84	53.62 -11.88 109.08	46.57 -12.45 123.96	47.00 -13.33 141.52	46.76 -12.19 125.62	45.21 -9.25 92.40	44.66 -6.85 58.97	41.36 -5.20 32.23	35.51 -3.66 20.74	44.18 -2.47 0.00
N.AKRON__115KV_KNAPP 355671	45.34 1.35 -0.55	43.19 1.05 -0.20	39.19 0.76 -0.44	34.46 0.56 -0.93	34.55 0.69 -1.11	38.44 0.63 -0.56	41.05 0.92 -0.28	44.07 0.48 -0.40	48.14 0.98 -0.56	49.76 1.47 -0.86	58.72 1.98 -1.68	75.31 1.24 -0.99	95.66 1.13 -0.03	118.60 1.87 -0.07	114.36 2.31 -2.01	177.85 1.57 -1.71	187.90 1.10 -3.83	205.49 0.20 -3.44	186.93 0.74 -1.62	152.98 2.06 -4.07	118.42 3.87 -4.07	83.64 3.55 -1.31	63.60 2.04 -1.66	49.34 1.59 -1.09
N.BELMOR_69_KV_BK1 55787	60.96 4.13 -13.38	53.05 4.03 -7.08	46.54 3.72 -4.82	42.87 3.13 -6.77	43.96 3.08 -8.13	44.77 3.43 -4.10	45.47 3.55 -2.08	50.21 4.06 -2.96	65.10 5.08 -13.41	71.94 5.41 -19.10	124.10 6.17 -62.88	129.36 8.11 -48.17	131.63 10.87 -26.26	140.69 14.23 -9.80	219.66 13.31 -96.31	259.62 22.87 -62.18	237.29 24.15 -30.17	254.13 26.04 -26.25	227.95 23.25 -20.13	194.47 17.48 -30.13	150.79 10.16 -30.14	130.88 8.19 -43.90	116.02 6.65 -49.46	72.50 4.43 -21.41
N.E._GEN_SANDY PD 24062	51.32 2.52 -5.35	46.10 2.47 -1.68	43.99 2.24 -3.76	42.71 1.91 -7.82	44.02 1.90 -9.37	44.18 2.20 -4.74	44.64 2.39 -2.40	49.16 2.55 -3.42	54.31 2.99 -4.72	57.79 3.08 -7.28	72.90 3.63 -14.21	86.04 4.61 -8.36	101.05 6.33 -0.22	125.63 8.16 -0.81	146.45 7.59 -28.83	194.53 12.22 -7.75	222.24 12.45 -26.82	246.65 13.53 -31.28	213.49 11.99 -16.94	200.00 9.26 -43.88	160.80 6.41 -43.91	100.65 4.65 -17.21	78.51 3.78 -14.83	61.04 2.56 -11.82

N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	50.03 2.74 -3.84	46.02 2.68 -1.39	43.56 2.47 -3.10	41.50 2.08 -6.45	42.48 2.00 -7.73	43.47 2.31 -3.91	44.34 2.51 -1.98	49.08 3.07 -2.82	54.04 3.54 -3.89	57.32 3.89 -6.00	71.57 4.79 -11.73	86.33 6.36 -6.90	103.37 8.69 -0.18	128.74 11.55 -0.53	135.21 10.89 -14.29	205.14 18.68 -11.89	231.39 19.76 -28.66	248.01 21.19 -24.98	214.95 18.83 -11.56	189.38 13.80 -28.71	148.05 8.84 -28.73	94.01 5.99 -9.23	76.31 4.67 -11.73	57.33 2.94 -7.73
N.QUEENS_27_KV_LOAD 356247	50.48 3.00 -4.03	46.51 3.10 -1.46	44.21 2.96 -3.26	42.18 2.44 -6.77	43.18 2.33 -8.11	43.84 2.50 -4.10	44.47 2.55 -2.08	49.21 3.07 -2.95	54.45 3.78 -4.07	57.94 4.22 -6.29	72.63 5.29 -12.29	87.02 6.72 -7.22	103.85 9.17 -0.18	129.46 12.25 -0.55	136.12 11.11 -14.97	207.99 20.95 -12.47	235.44 22.32 -30.14	251.69 23.62 -26.23	216.63 19.93 -12.14	191.50 14.54 -30.10	150.00 9.39 -30.12	94.47 5.99 -9.69	77.13 4.91 -12.31	57.85 3.08 -8.12
N.TROY___115KV_TB1 355778	54.80 2.56 -8.78	46.27 2.43 -1.89	44.39 2.17 -4.23	43.64 1.85 -8.82	45.18 1.87 -10.57	44.67 2.09 -5.34	44.86 2.31 -2.71	49.38 2.33 -3.86	54.63 2.70 -5.32	58.48 2.85 -8.20	74.27 3.19 -16.02	86.81 4.31 -9.42	100.70 5.95 -0.24	125.70 7.47 -1.57	159.56 7.04 -42.49	203.50 11.00 -17.93	272.04 11.34 -77.72	285.39 12.31 -71.23	229.89 11.26 -34.07	241.21 8.96 -85.39	202.67 6.74 -85.45	111.14 4.89 -27.46	98.57 3.77 -34.89	72.45 2.80 -23.00
NARROWS_GT1_1 24228	50.55 3.09 -4.02	46.55 3.15 -1.45	44.24 3.00 -3.25	42.21 2.47 -6.77	43.28 2.42 -8.11	44.03 2.68 -4.10	44.79 2.87 -2.08	49.55 3.41 -2.95	54.73 4.05 -4.07	58.20 4.46 -6.31	88.76 5.62 -28.09	96.97 7.02 -16.87	117.67 9.64 -13.52	145.07 12.72 -15.69	136.45 11.44 -14.98	208.97 21.82 -12.58	352.90 22.87 -147.05	252.14 24.01 -26.28	234.88 20.85 -29.46	218.97 14.83 -57.28	133.53 9.39 -13.66	118.98 6.31 -33.88	84.47 5.09 -19.47	67.86 3.31 -17.89
NARROWS_GT1_2 24229	50.55 3.09 -4.02	46.55 3.15 -1.45	44.24 3.00 -3.25	42.21 2.47 -6.77	43.28 2.42 -8.11	44.03 2.68 -4.10	44.79 2.87 -2.08	49.55 3.41 -2.95	54.73 4.05 -4.07	58.20 4.46 -6.31	88.76 5.62 -28.09	96.97 7.02 -16.87	117.67 9.64 -13.52	145.07 12.72 -15.69	136.45 11.44 -14.98	208.97 21.82 -12.58	352.90 22.87 -147.05	252.14 24.01 -26.28	234.88 20.85 -29.46	218.97 14.83 -57.28	133.53 9.39 -13.66	118.98 6.31 -33.88	84.47 5.09 -19.47	67.86 3.31 -17.89
NARROWS_GT1_3 24230	50.55 3.09 -4.02	46.55 3.15 -1.45	44.24 3.00 -3.25	42.21 2.47 -6.77	43.28 2.42 -8.11	44.03 2.68 -4.10	44.79 2.87 -2.08	49.55 3.41 -2.95	54.73 4.05 -4.07	58.20 4.46 -6.31	88.76 5.62 -28.09	96.97 7.02 -16.87	117.67 9.64 -13.52	145.07 12.72 -15.69	136.45 11.44 -14.98	208.97 21.82 -12.58	352.90 22.87 -147.05	252.14 24.01 -26.28	234.88 20.85 -29.46	218.97 14.83 -57.28	133.53 9.39 -13.66	118.98 6.31 -33.88	84.47 5.09 -19.47	67.86 3.31 -17.89
NARROWS_GT1_4 24231	50.55 3.09 -4.02	46.55 3.15 -1.45	44.24 3.00 -3.25	42.21 2.47 -6.77	43.28 2.42 -8.11	44.03 2.68 -4.10	44.79 2.87 -2.08	49.55 3.41 -2.95	54.73 4.05 -4.07	58.20 4.46 -6.31	88.76 5.62 -28.09	96.97 7.02 -16.87	117.67 9.64 -13.52	145.07 12.72 -15.69	136.45 11.44 -14.98	208.97 21.82 -12.58	352.90 22.87 -147.05	252.14 24.01 -26.28	234.88 20.85 -29.46	218.97 14.83 -57.28	133.53 9.39 -13.66	118.98 6.31 -33.88	84.47 5.09 -19.47	67.86 3.31 -17.89
NARROWS_GT1_5 24232	50.55 3.09 -4.02	46.55 3.15 -1.45	44.24 3.00 -3.25	42.21 2.47 -6.77	43.28 2.42 -8.11	44.03 2.68 -4.10	44.79 2.87 -2.08	49.55 3.41 -2.95	54.73 4.05 -4.07	58.20 4.46 -6.31	88.76 5.62 -28.09	96.97 7.02 -16.87	117.67 9.64 -13.52	145.07 12.72 -15.69	136.45 11.44 -14.98	208.97 21.82 -12.58	352.90 22.87 -147.05	252.14 24.01 -26.28	234.88 20.85 -29.46	218.97 14.83 -57.28	133.53 9.39 -13.66	118.98 6.31 -33.88	84.47 5.09 -19.47	67.86 3.31 -17.89
NARROWS_GT1_6 24233	50.55 3.09 -4.02	46.55 3.15 -1.45	44.24 3.00 -3.25	42.21 2.47 -6.77	43.28 2.42 -8.11	44.03 2.68 -4.10	44.79 2.87 -2.08	49.55 3.41 -2.95	54.73 4.05 -4.07	58.20 4.46 -6.31	88.76 5.62 -28.09	96.97 7.02 -16.87	117.67 9.64 -13.52	145.07 12.72 -15.69	136.45 11.44 -14.98	208.97 21.82 -12.58	352.90 22.87 -147.05	252.14 24.01 -26.28	234.88 20.85 -29.46	218.97 14.83 -57.28	133.53 9.39 -13.66	118.98 6.31 -33.88	84.47 5.09 -19.47	67.86 3.31 -17.89
NARROWS_GT1_7 24234	50.55 3.09 -4.02	46.55 3.15 -1.45	44.24 3.00 -3.25	42.21 2.47 -6.77	43.28 2.42 -8.11	44.03 2.68 -4.10	44.79 2.87 -2.08	49.55 3.41 -2.95	54.73 4.05 -4.07	58.20 4.46 -6.31	88.76 5.62 -28.09	96.97 7.02 -16.87	117.67 9.64 -13.52	145.07 12.72 -15.69	136.45 11.44 -14.98	208.97 21.82 -12.58	352.90 22.87 -147.05	252.14 24.01 -26.28	234.88 20.85 -29.46	218.97 14.83 -57.28	133.53 9.39 -13.66	118.98 6.31 -33.88	84.47 5.09 -19.47	67.86 3.31 -17.89
NARROWS_GT1_8 24235	50.55 3.09 -4.02	46.55 3.15 -1.45	44.24 3.00 -3.25	42.21 2.47 -6.77	43.28 2.42 -8.11	44.03 2.68 -4.10	44.79 2.87 -2.08	49.55 3.41 -2.95	54.73 4.05 -4.07	58.20 4.46 -6.31	88.76 5.62 -28.09	96.97 7.02 -16.87	117.67 9.64 -13.52	145.07 12.72 -15.69	136.45 11.44 -14.98	208.97 21.82 -12.58	352.90 22.87 -147.05	252.14 24.01 -26.28	234.88 20.85 -29.46	218.97 14.83 -57.28	133.53 9.39 -13.66	118.98 6.31 -33.88	84.47 5.09 -19.47	67.86 3.31 -17.89
NARROWS_GT2_1 24236	50.55 3.09 -4.02	46.55 3.15 -1.45	44.24 3.00 -3.25	42.21 2.47 -6.77	43.28 2.42 -8.11	44.03 2.68 -4.10	44.79 2.87 -2.08	49.55 3.41 -2.95	54.73 4.05 -4.07	58.20 4.46 -6.31	88.76 5.62 -28.09	96.97 7.02 -16.87	117.67 9.64 -13.52	145.07 12.72 -15.69	136.45 11.44 -14.98	208.97 21.82 -12.58	352.90 22.87 -147.05	252.14 24.01 -26.28	234.88 20.85 -29.46	218.97 14.83 -57.28	133.53 9.39 -13.66	118.98 6.31 -33.88	84.47 5.09 -19.47	67.86 3.31 -17.89
NARROWS_GT2_2 24237	50.55 3.09 -4.02	46.55 3.15 -1.45	44.24 3.00 -3.25	42.21 2.47 -6.77	43.28 2.42 -8.11	44.03 2.68 -4.10	44.79 2.87 -2.08	49.55 3.41 -2.95	54.73 4.05 -4.07	58.20 4.46 -6.31	88.76 5.62 -28.09	96.97 7.02 -16.87	117.67 9.64 -13.52	145.07 12.72 -15.69	136.45 11.44 -14.98	208.97 21.82 -12.58	352.90 22.87 -147.05	252.14 24.01 -26.28	234.88 20.85 -29.46	218.97 14.83 -57.28	133.53 9.39 -13.66	118.98 6.31 -33.88	84.47 5.09 -19.47	67.86 3.31 -17.89
NARROWS_GT2_3 24238	50.55 3.09 -4.02	46.55 3.15 -1.45	44.24 3.00 -3.25	42.21 2.47 -6.77	43.28 2.42 -8.11	44.03 2.68 -4.10	44.79 2.87 -2.08	49.55 3.41 -2.95	54.73 4.05 -4.07	58.20 4.46 -6.31	88.76 5.62 -28.09	96.97 7.02 -16.87	117.67 9.64 -13.52	145.07 12.72 -15.69	136.45 11.44 -14.98	208.97 21.82 -12.58	352.90 22.87 -147.05	252.14 24.01 -26.28	234.88 20.85 -29.46	218.97 14.83 -57.28	133.53 9.39 -13.66	118.98 6.31 -33.88	84.47 5.09 -19.47	67.86 3.31 -17.89
NARROWS_GT2_4 24239	50.55 3.09 -4.02	46.55 3.15 -1.45	44.24 3.00 -3.25	42.21 2.47 -6.77	43.28 2.42 -8.11	44.03 2.68 -4.10	44.79 2.87 -2.08	49.55 3.41 -2.95	54.73 4.05 -4.07	58.20 4.46 -6.31	88.76 5.62 -28.09	96.97 7.02 -16.87	117.67 9.64 -13.52	145.07 12.72 -15.69	136.45 11.44 -14.98	208.97 21.82 -12.58	352.90 22.87 -147.05	252.14 24.01 -26.28	234.88 20.85 -29.46	218.97 14.83 -57.28	133.53 9.39 -13.66	118.98 6.31 -33.88	84.47 5.09 -19.47	67.86 3.31 -17.89

NARROWS_GT2_5 24240	50.55 3.09 -4.02	46.55 3.15 -1.45	44.24 3.00 -3.25	42.21 2.47 -6.77	43.28 2.42 -8.11	44.03 2.68 -4.10	44.79 2.87 -2.08	49.55 3.41 -2.95	54.73 4.05 -4.07	58.20 4.46 -6.31	88.76 5.62 -28.09	96.97 7.02 -16.87	117.67 9.64 -13.52	145.07 12.72 -15.69	136.45 11.44 -14.98	208.97 21.82 -12.58	352.90 22.87 -147.05	252.14 24.01 -26.28	234.88 20.85 -29.46	218.97 14.83 -57.28	133.53 9.39 -13.66	118.98 6.31 -33.88	84.47 5.09 -19.47	67.86 3.31 -17.89
NARROWS_GT2_6 24241	50.55 3.09 -4.02	46.55 3.15 -1.45	44.24 3.00 -3.25	42.21 2.47 -6.77	43.28 2.42 -8.11	44.03 2.68 -4.10	44.79 2.87 -2.08	49.55 3.41 -2.95	54.73 4.05 -4.07	58.20 4.46 -6.31	88.76 5.62 -28.09	96.97 7.02 -16.87	117.67 9.64 -13.52	145.07 12.72 -15.69	136.45 11.44 -14.98	208.97 21.82 -12.58	352.90 22.87 -147.05	252.14 24.01 -26.28	234.88 20.85 -29.46	218.97 14.83 -57.28	133.53 9.39 -13.66	118.98 6.31 -33.88	84.47 5.09 -19.47	67.86 3.31 -17.89
NARROWS_GT2_7 24242	50.55 3.09 -4.02	46.55 3.15 -1.45	44.24 3.00 -3.25	42.21 2.47 -6.77	43.28 2.42 -8.11	44.03 2.68 -4.10	44.79 2.87 -2.08	49.55 3.41 -2.95	54.73 4.05 -4.07	58.20 4.46 -6.31	88.76 5.62 -28.09	96.97 7.02 -16.87	117.67 9.64 -13.52	145.07 12.72 -15.69	136.45 11.44 -14.98	208.97 21.82 -12.58	352.90 22.87 -147.05	252.14 24.01 -26.28	234.88 20.85 -29.46	218.97 14.83 -57.28	133.53 9.39 -13.66	118.98 6.31 -33.88	84.47 5.09 -19.47	67.86 3.31 -17.89
NARROWS_GT2_8 24243	50.55 3.09 -4.02	46.55 3.15 -1.45	44.24 3.00 -3.25	42.21 2.47 -6.77	43.28 2.42 -8.11	44.03 2.68 -4.10	44.79 2.87 -2.08	49.55 3.41 -2.95	54.73 4.05 -4.07	58.20 4.46 -6.31	88.76 5.62 -28.09	96.97 7.02 -16.87	117.67 9.64 -13.52	145.07 12.72 -15.69	136.45 11.44 -14.98	208.97 21.82 -12.58	352.90 22.87 -147.05	252.14 24.01 -26.28	234.88 20.85 -29.46	218.97 14.83 -57.28	133.53 9.39 -13.66	118.98 6.31 -33.88	84.47 5.09 -19.47	67.86 3.31 -17.89
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	52.36 2.82 -6.08	46.25 2.56 -1.75	44.10 2.20 -3.91	42.95 1.85 -8.13	44.20 1.70 -9.75	44.07 1.90 -4.92	44.61 2.27 -2.50	49.17 2.42 -3.56	54.12 2.61 -4.91	57.13 2.13 -7.57	72.48 2.64 -14.78	85.20 3.43 -8.69	99.83 5.10 -0.22	123.16 7.58 1.08	132.95 5.94 -16.98	173.65 11.00 11.92	225.39 10.98 -31.44	241.88 12.31 -27.72	208.79 11.26 -12.96	188.35 9.25 -32.23	170.23 7.29 -52.45	100.77 5.12 -16.86	84.98 3.65 -21.41	63.57 2.80 -14.12
NCHELSEA_115KV_TR2 355582	50.81 3.30 -4.05	46.63 3.23 -1.46	44.13 2.89 -3.26	42.23 2.47 -6.78	43.20 2.33 -8.13	44.00 2.64 -4.11	44.84 2.91 -2.08	49.70 3.54 -2.97	54.66 3.96 -4.09	58.01 4.27 -6.31	72.72 5.34 -12.32	87.56 7.23 -7.25	104.61 9.92 -0.19	130.17 12.95 -0.56	137.28 12.10 -15.14	207.50 20.42 -12.51	234.37 21.41 -29.99	251.37 23.21 -26.32	217.66 20.86 -12.24	193.00 15.71 -30.43	151.65 10.72 -30.45	95.83 7.25 -9.79	77.91 5.57 -12.43	58.40 3.55 -8.20
NEG CAPITAL___MECHNVIL 23645	56.37 3.52 -9.40	47.01 3.15 -1.92	45.06 2.77 -4.30	44.23 2.31 -8.95	45.83 2.36 -10.72	45.31 2.64 -5.42	45.54 2.95 -2.75	50.00 2.89 -3.91	55.40 3.40 -5.40	59.36 3.60 -8.32	75.49 4.18 -16.26	88.48 5.85 -9.56	102.59 7.84 -0.25	128.18 9.80 -1.72	165.67 9.35 -46.29	207.66 14.67 -18.43	283.78 15.54 -85.26	296.64 16.96 -77.84	237.58 15.87 -37.14	252.52 12.63 -93.03	213.41 9.83 -93.09	115.72 7.01 -29.92	103.12 5.21 -38.01	75.77 4.06 -25.06
NEG CENTRAL_HIGH_ACRES 23767	44.24 0.35 -0.44	42.40 0.30 -0.16	38.47 0.11 -0.36	33.73 0.00 -0.76	33.72 0.07 -0.91	37.75 0.04 -0.46	40.32 0.24 -0.23	43.57 0.04 -0.33	47.43 0.37 -0.46	48.99 0.85 -0.71	57.75 1.32 -1.38	75.49 1.61 -0.81	96.77 1.70 -0.57	120.30 2.10 -1.54	115.25 2.42 -2.79	181.90 3.49 -3.84	191.43 2.92 -5.54	209.59 2.43 -5.31	190.89 2.39 -3.94	154.94 2.65 -5.43	117.90 2.98 -4.43	82.41 2.60 -1.03	62.29 1.08 -1.30	48.26 0.74 -0.86
NEG CENTRAL___DRP 24199	44.72 0.78 -0.48	42.79 0.67 -0.18	38.88 0.49 -0.40	34.16 0.36 -0.83	34.16 0.43 -0.99	38.27 0.52 -0.50	40.82 0.72 -0.25	44.16 0.60 -0.36	47.99 0.89 -0.50	49.48 1.28 -0.77	58.69 1.60 -2.04	76.08 2.12 -0.88	98.89 2.93 -1.46	126.91 3.85 -6.40	122.85 4.07 -8.74	187.97 5.41 -7.99	199.04 6.04 -10.03	218.01 6.26 -9.90	199.28 6.28 -8.44	165.21 5.73 -12.62	125.56 4.64 -10.44	86.72 3.55 -4.38	65.36 1.92 -3.54	48.92 1.31 -0.96
NEG CENTRAL___INDECK 23768	45.80 1.69 -0.65	43.61 1.43 -0.23	39.62 1.10 -0.52	34.92 0.86 -1.09	35.00 0.95 -1.30	38.95 1.04 -0.66	41.42 1.24 -0.33	44.27 0.60 -0.48	47.96 0.70 -0.66	48.21 -0.24 -1.01	56.92 -0.11 -1.98	72.63 -1.61 -1.16	91.13 -3.40 -0.03	114.88 -1.87 -0.09	111.60 -0.88 -2.45	173.44 -3.14 -2.01	184.67 -2.93 -4.64	203.38 -2.63 -4.17	186.72 0.18 -1.97	154.87 3.09 -4.92	119.38 3.97 -4.92	83.92 3.55 -1.58	63.71 1.80 -2.01	50.50 2.52 -1.33
NEG CENTRAL___SENECA 23627	45.03 1.04 -0.54	43.02 0.88 -0.20	39.11 0.68 -0.44	34.41 0.53 -0.91	34.43 0.59 -1.10	38.51 0.71 -0.55	41.08 0.96 -0.28	44.45 0.86 -0.40	48.32 1.17 -0.55	49.89 1.61 -0.85	58.70 1.98 -1.66	76.76 2.70 -0.98	98.85 3.59 -0.76	123.50 4.78 -2.06	118.71 5.06 -3.62	186.35 6.81 -4.97	197.66 7.50 -7.18	216.63 7.87 -6.91	197.68 7.94 -5.18	160.93 7.05 -7.02	122.02 5.86 -5.68	84.57 4.49 -1.29	64.06 2.52 -1.64	49.42 1.68 -1.08
NEG CENTRAL___STATE_STREET 24147	45.01 1.09 -0.47	43.17 1.05 -0.17	39.25 0.87 -0.39	34.47 0.69 -0.81	34.43 0.72 -0.97	38.63 0.89 -0.49	41.17 1.08 -0.25	44.58 1.04 -0.35	48.44 1.35 -0.49	49.93 1.75 -0.75	59.20 2.09 -2.06	76.42 2.48 -0.86	99.98 3.40 -2.08	130.24 5.25 -8.33	125.78 5.28 -10.46	193.16 7.86 -10.73	204.22 8.42 -12.83	223.53 8.88 -12.80	204.48 8.49 -11.43	169.47 7.20 -15.41	128.14 5.52 -12.13	87.73 4.25 -4.68	66.14 2.52 -3.72	49.32 1.73 -0.94
NEG MILLWOOD___DRP 24198	50.94 3.39 -4.09	46.73 3.31 -1.47	44.29 3.00 -3.30	42.38 2.54 -6.87	43.60 2.62 -8.23	44.39 2.98 -4.16	45.22 3.27 -2.11	50.12 3.93 -3.00	55.04 4.29 -4.14	58.47 4.65 -6.39	73.15 5.62 -12.48	88.23 7.82 -7.34	105.37 10.68 -0.19	131.22 14.00 -0.57	138.51 13.20 -15.27	208.87 21.65 -12.66	236.28 22.87 -30.43	253.69 25.23 -26.62	219.06 22.15 -12.35	194.29 16.74 -30.69	152.80 11.60 -30.71	96.38 7.72 -9.87	78.20 5.75 -12.54	58.61 3.69 -8.27
NEG NORTH_FLCN_SEA 23793	40.32 -3.13 0.00	39.05 -2.89 0.00	36.32 -1.67 0.00	31.59 -1.38 0.00	31.34 -1.41 0.00	35.61 -1.64 0.00	37.37 -2.47 0.00	40.04 -3.15 0.00	42.97 -3.64 0.00	43.40 -4.03 0.00	46.97 -5.01 3.07	49.45 -6.58 17.05	52.58 -8.60 33.33	61.61 -10.50 44.55	61.19 -10.01 38.83	53.65 -16.06 104.86	45.39 -16.83 120.75	46.90 -18.17 136.78	45.61 -16.43 122.53	62.34 -13.07 71.45	62.34 -9.72 38.42	53.07 -7.25 18.47	42.69 -5.33 11.89	42.88 -3.78 0.00
NEG NORTH_KES_CHATEGAY 23792	41.24 -2.22 0.00	39.89 -2.06 0.00	36.55 -1.44 0.00	31.78 -1.19 0.00	31.54 -1.21 0.00	35.83 -1.42 0.00	37.97 -1.87 0.00	40.95 -2.25 0.00	43.95 -2.66 0.00	44.35 -3.08 0.00	47.46 -3.91 3.68	49.58 -5.12 18.38	52.12 -6.71 35.68	58.56 -8.40 49.70	59.16 -8.03 42.84	55.67 -12.92 105.98	47.83 -13.54 121.61	49.67 -14.13 138.04	48.29 -12.92 123.35	59.68 -10.13 77.05	59.06 -7.51 43.91	50.97 -5.67 22.14	41.52 -4.13 14.25	43.86 -2.80 0.00



NEG NORTH___ALICE_FALLS 23915	40.76 -2.69 0.00	39.43 -2.52 0.00	36.47 -1.52 0.00	31.75 -1.22 0.00	31.50 -1.24 0.00	35.76 -1.49 0.00	37.69 -2.15 0.00	40.47 -2.72 0.00	43.44 -3.17 0.00	43.83 -3.60 0.00	47.43 -4.46 3.17	49.97 -5.85 17.26	53.24 -7.56 33.70	61.96 -9.33 45.37	61.76 -8.80 39.47	55.39 -14.14 105.04	47.26 -14.82 120.89	49.12 -15.74 136.98	47.51 -14.40 122.66	63.07 -11.46 72.34	62.80 -8.40 39.29	53.36 -6.38 19.05	42.91 -4.73 12.26	43.39 -3.27 0.00
NEG NORTH___LWR_SARANAC 23913	40.76 -2.69 0.00	39.43 -2.52 0.00	36.47 -1.52 0.00	31.75 -1.22 0.00	31.50 -1.24 0.00	35.76 -1.49 0.00	37.69 -2.15 0.00	40.47 -2.72 0.00	43.44 -3.17 0.00	43.83 -3.60 0.00	47.43 -4.46 3.17	49.97 -5.85 17.26	53.24 -7.56 33.70	61.96 -9.33 45.37	61.76 -8.80 39.47	55.39 -14.14 105.04	47.26 -14.82 120.89	49.12 -15.74 136.98	47.51 -14.40 122.66	63.07 -11.46 72.34	62.80 -8.40 39.29	53.36 -6.38 19.05	42.91 -4.73 12.26	43.39 -3.27 0.00
NEG NORTH___PLATTSBURG 23628	40.72 -2.74 0.00	39.47 -2.47 0.00	36.47 -1.52 0.00	31.75 -1.22 0.00	31.50 -1.24 0.00	35.76 -1.49 0.00	37.69 -2.15 0.00	40.47 -2.72 0.00	43.44 -3.17 0.00	43.87 -3.56 0.00	47.37 -4.51 3.17	49.75 -6.06 17.26	53.34 -7.47 33.70	61.96 -9.34 45.37	61.76 -8.81 39.47	55.40 -14.13 105.04	47.27 -14.81 120.89	49.12 -15.74 136.98	47.50 -14.40 122.66	63.06 -11.46 72.34	62.79 -8.40 39.29	53.36 -6.38 19.05	42.91 -4.73 12.26	43.34 -3.31 0.00
NEG WEST_LEA_LOCKPORT 23791	44.45 0.43 -0.56	42.28 0.13 -0.21	38.41 -0.04 -0.46	33.83 -0.10 -0.96	33.93 0.03 -1.14	37.68 -0.15 -0.58	40.22 0.08 -0.29	43.09 -0.52 -0.42	47.04 -0.14 -0.58	48.75 0.43 -0.89	57.45 0.66 -1.74	73.88 -0.22 -1.02	93.49 -1.04 -0.03	115.92 -0.82 -0.08	111.91 -0.22 -2.09	173.71 -2.62 -1.76	183.84 -3.11 -3.97	200.58 -4.84 -3.58	182.37 -3.88 -1.69	149.32 -1.76 -4.22	115.92 1.22 -4.22	81.80 1.65 -1.36	62.05 0.42 -1.72	48.21 0.42 -1.14
NEG WEST___LANCASTR 23811	43.86 -0.26 -0.67	41.68 -0.50 -0.24	37.92 -0.61 -0.54	33.49 -0.59 -1.12	33.59 -0.49 -1.34	37.29 -0.63 -0.68	39.75 -0.44 -0.34	42.90 -0.78 -0.49	46.86 -0.42 -0.67	48.71 0.24 -1.04	57.47 0.39 -2.03	74.05 -0.22 -1.19	94.63 0.09 -0.03	120.84 4.08 -0.09	117.07 4.51 -2.52	176.81 0.17 -2.06	192.33 4.57 -4.78	210.58 4.44 -4.29	191.21 4.61 -2.04	156.77 4.85 -5.06	120.52 4.97 -5.07	84.44 4.02 -1.63	63.83 1.86 -2.07	49.42 1.40 -1.36
NEG_PENN_ALLEGHNY 23528	45.90 1.17 -1.27	43.38 1.01 -0.43	39.78 0.83 -0.96	35.65 0.69 -1.99	35.85 0.72 -2.38	39.27 0.82 -1.20	41.45 1.00 -0.61	45.10 1.03 -0.87	49.11 1.30 -1.20	50.89 1.61 -1.85	60.71 2.04 -3.62	77.91 2.71 -2.13	98.93 3.50 -0.93	124.47 5.25 -2.56	122.11 5.17 -6.91	189.36 7.16 -7.63	204.68 8.24 -13.47	223.17 8.67 -12.65	201.13 8.31 -8.26	167.35 6.90 -13.58	127.88 5.41 -11.99	86.02 4.02 -3.22	66.57 2.57 -4.09	51.12 1.77 -2.69
NEG___GEN_MONROE 24207	45.43 1.52 -0.46	43.50 1.38 -0.17	39.39 1.03 -0.38	34.55 0.79 -0.79	34.58 0.88 -0.95	38.66 0.93 -0.48	41.20 1.12 -0.24	44.36 0.82 -0.35	48.25 1.17 -0.48	49.54 1.38 -0.73	58.36 1.87 -1.44	75.53 1.61 -0.84	96.22 1.70 -0.02	118.47 1.75 -0.06	114.01 2.31 -1.66	179.16 3.14 -1.45	188.50 2.38 -3.15	206.50 1.82 -2.83	187.93 2.03 -1.34	152.85 2.64 -3.35	117.26 3.42 -3.35	82.94 3.07 -1.08	62.95 1.68 -1.37	48.91 1.35 -0.90
NEPA___ENERGY 23901	45.35 1.22 -0.68	43.11 0.92 -0.24	39.25 0.72 -0.54	34.63 0.53 -1.13	34.72 0.62 -1.35	38.53 0.60 -0.68	41.15 0.96 -0.35	44.37 0.69 -0.49	48.45 1.17 -0.68	50.33 1.85 -1.05	59.36 2.26 -2.05	76.40 2.12 -1.20	97.27 2.74 -0.03	122.47 5.72 -0.09	118.85 6.27 -2.54	182.59 5.94 -2.09	195.31 7.50 -4.84	213.26 7.06 -4.35	194.00 7.38 -2.06	158.75 6.76 -5.13	121.92 6.30 -5.14	85.40 4.96 -1.65	64.58 2.58 -2.10	49.90 1.87 -1.38
NEVERSINK___HYD 23608	49.30 2.26 -3.59	45.42 2.22 -1.25	42.76 1.97 -2.80	40.45 1.65 -5.83	41.21 1.48 -6.99	42.49 1.71 -3.53	43.55 1.91 -1.79	48.20 2.46 -2.55	52.92 2.80 -3.52	55.94 3.08 -5.42	69.78 4.13 -10.60	84.93 5.63 -6.23	102.50 7.84 -0.16	124.06 7.12 -0.29	129.44 6.71 -12.69	194.44 12.04 -7.83	220.87 12.99 -24.91	238.25 14.54 -21.87	208.21 13.47 -10.18	182.01 9.84 -25.31	144.17 6.18 -27.50	93.70 6.07 -8.84	75.81 4.68 -11.23	56.76 2.70 -7.40
NEWKRMKL_115KV_TB1 55635	52.88 1.78 -7.65	45.46 1.64 -1.88	43.67 1.48 -4.20	42.94 1.22 -8.75	44.48 1.24 -10.48	43.92 1.38 -5.30	44.12 1.59 -2.69	48.61 1.60 -3.82	53.79 1.91 -5.28	57.42 1.85 -8.13	73.09 2.15 -15.89	85.34 2.92 -9.34	98.81 4.06 -0.24	122.98 5.02 -1.31	150.00 4.73 -35.24	199.35 7.51 -17.28	255.63 7.87 -64.79	269.53 8.48 -59.21	220.40 7.57 -28.27	223.56 5.87 -70.82	185.66 4.31 -70.87	104.72 3.15 -22.78	91.30 2.46 -28.93	67.55 1.82 -19.07
NEWTON___FALLS_HYD 23847	42.67 -0.83 -0.04	41.31 -0.67 -0.04	37.43 -0.65 -0.08	32.65 -0.49 -0.17	32.43 -0.52 -0.21	36.79 -0.56 -0.10	39.18 -0.72 -0.05	42.40 -0.86 -0.08	45.59 -1.12 -0.10	46.26 -1.33 -0.16	73.80 -1.71 -20.45	114.66 -1.97 -43.55	168.06 -3.97 -77.53	282.15 -5.37 -170.85	239.29 -5.06 -134.32	209.06 -8.03 -42.52	209.19 -8.28 -33.90	241.26 -8.28 -47.69	210.69 -7.01 -33.14	330.30 -4.11 -187.55	289.94 -2.76 -182.22	197.84 -2.05 -121.10	137.30 -0.54 -77.93	46.38 -0.28 0.00
NGRID_A1_DSASP 323792	44.33 0.31 -0.58	42.15 0.00 -0.21	38.34 -0.11 -0.47	33.81 -0.13 -0.97	33.91 0.00 -1.17	37.58 -0.26 -0.59	39.94 -0.20 -0.30	42.67 -0.95 -0.43	46.49 -0.70 -0.59	48.10 -0.24 -0.90	56.71 -0.11 -1.77	73.53 -0.59 -1.04	92.26 -2.27 -0.03	114.06 -2.68 -0.08	109.97 -2.20 -2.14	170.95 -5.41 -1.79	180.61 -6.41 -4.05	196.81 -8.67 -3.64	178.90 -7.39 -1.72	146.89 -4.26 -4.30	114.02 -0.77 -4.30	80.65 0.48 -1.38	61.06 -0.60 -1.76	47.67 -0.14 -1.16
NGRID_A2_DSASP 323793	44.33 0.31 -0.58	42.15 0.00 -0.21	38.34 -0.11 -0.47	33.81 -0.13 -0.97	33.91 0.00 -1.17	37.58 -0.26 -0.59	39.94 -0.20 -0.30	42.67 -0.95 -0.43	46.49 -0.70 -0.59	48.10 -0.24 -0.90	56.71 -0.11 -1.77	73.53 -0.59 -1.04	92.26 -2.27 -0.03	114.06 -2.68 -0.08	109.97 -2.20 -2.14	170.95 -5.41 -1.79	180.61 -6.41 -4.05	196.81 -8.67 -3.64	178.90 -7.39 -1.72	146.89 -4.26 -4.30	114.02 -0.77 -4.30	80.65 0.48 -1.38	61.06 -0.60 -1.76	47.67 -0.14 -1.16
NGRID_A4_DSASP 323807	44.29 0.26 -0.58	42.11 -0.04 -0.21	38.30 -0.15 -0.47	33.78 -0.16 -0.97	33.88 -0.03 -1.17	37.54 -0.30 -0.59	39.94 -0.20 -0.30	42.62 -0.99 -0.43	46.49 -0.70 -0.59	48.19 -0.14 -0.90	56.77 -0.06 -1.77	73.09 -1.02 -1.04	92.26 -2.27 -0.03	114.06 -2.68 -0.08	109.97 -2.20 -2.14	170.95 -5.41 -1.80	180.63 -6.40 -4.06	196.82 -8.68 -3.65	178.91 -7.38 -1.73	146.77 -4.41 -4.31	114.13 -0.66 -4.31	80.65 0.47 -1.39	61.07 -0.60 -1.76	47.58 -0.23 -1.16
NIAGARA_115E_LBMP 323715	44.07 0.04 -0.58	41.90 -0.25 -0.21	38.12 -0.34 -0.47	33.55 -0.39 -0.97	33.65 -0.26 -1.17	37.35 -0.49 -0.59	39.87 -0.28 -0.30	42.71 -0.91 -0.43	46.59 -0.61 -0.59	48.15 -0.19 -0.91	56.77 -0.05 -1.77	73.61 -0.51 -1.04	92.45 -2.08 -0.03	114.52 -2.22 -0.08	110.41 -1.76 -2.14	171.48 -4.89 -1.80	181.35 -5.67 -4.05	197.83 -7.67 -3.65	179.82 -6.46 -1.72	147.50 -3.67 -4.31	114.47 -0.33 -4.31	80.88 0.71 -1.39	61.25 -0.42 -1.76	47.72 -0.09 -1.16

NIAGARA_115W_LBMP 323714	44.25 0.22 -0.57	42.07 -0.08 -0.21	38.27 -0.19 -0.47	33.75 -0.20 -0.97	33.85 -0.07 -1.16	37.50 -0.34 -0.59	39.87 -0.28 -0.30	42.54 -1.08 -0.42	46.40 -0.79 -0.59	47.95 -0.38 -0.90	56.55 -0.27 -1.76	73.31 -0.80 -1.04	91.98 -2.55 -0.03	113.70 -3.03 -0.08	109.64 -2.53 -2.13	170.43 -5.94 -1.79	180.06 -6.95 -4.04	196.20 -9.28 -3.63	178.35 -7.93 -1.72	146.31 -4.84 -4.29	113.67 -1.10 -4.29	80.41 0.24 -1.38	60.88 -0.78 -1.75	47.53 -0.28 -1.16
NIAGARA_230_LBMP 323716	44.50 0.48 -0.57	42.32 0.17 -0.21	38.49 0.04 -0.46	33.90 -0.03 -0.96	34.00 0.10 -1.15	37.72 -0.11 -0.58	40.26 0.12 -0.29	43.14 -0.47 -0.42	47.00 -0.19 -0.58	48.56 0.24 -0.89	57.35 0.55 -1.74	74.25 0.15 -1.02	93.30 -1.23 -0.03	115.46 -1.28 -0.08	111.37 -0.76 -2.10	173.37 -2.97 -1.77	183.10 -3.85 -3.98	199.77 -5.65 -3.58	181.65 -4.61 -1.69	148.88 -2.20 -4.22	115.49 0.78 -4.23	81.64 1.49 -1.36	61.81 0.18 -1.73	48.16 0.37 -1.14
NIAGARA__115KV_198_GIBSON 55903	44.20 0.17 -0.57	42.03 -0.13 -0.21	38.23 -0.23 -0.47	33.71 -0.23 -0.97	33.81 -0.10 -1.16	37.46 -0.37 -0.59	39.86 -0.28 -0.30	42.49 -1.12 -0.42	46.40 -0.79 -0.59	48.05 -0.28 -0.90	56.60 -0.22 -1.76	72.87 -1.24 -1.04	91.98 -2.55 -0.03	113.71 -3.03 -0.08	109.64 -2.53 -2.13	170.43 -5.94 -1.79	180.07 -6.95 -4.05	196.21 -9.28 -3.64	178.35 -7.94 -1.72	146.32 -4.85 -4.30	113.68 -1.10 -4.31	80.41 0.24 -1.38	60.89 -0.78 -1.76	47.44 -0.37 -1.16
NIAGARA____ 23760	44.16 0.13 -0.58	41.99 -0.17 -0.21	38.15 -0.31 -0.47	33.61 -0.33 -0.97	33.72 -0.20 -1.17	37.43 -0.41 -0.59	39.87 -0.28 -0.30	42.75 -0.86 -0.42	46.63 -0.56 -0.58	48.24 -0.09 -0.90	56.82 0.00 -1.76	73.75 -0.36 -1.03	92.64 -1.89 -0.03	114.75 -1.98 -0.08	110.61 -1.54 -2.12	172.00 -4.36 -1.78	181.68 -5.31 -4.02	198.20 -7.26 -3.61	180.18 -6.09 -1.71	147.76 -3.37 -4.27	114.65 -0.11 -4.27	80.95 0.79 -1.38	61.18 -0.48 -1.75	47.63 -0.19 -1.16
NINE_MILE_1 23575	42.47 -1.08 -0.10	40.99 -1.05 -0.09	37.20 -0.99 -0.19	32.49 -0.89 -0.40	32.35 -0.88 -0.48	36.52 -0.97 -0.24	38.97 -0.99 -0.12	42.20 -1.16 -0.18	45.73 -1.12 -0.24	46.81 -1.00 -0.38	54.74 -1.05 -0.73	72.12 -1.39 -0.43	79.85 -1.89 12.77	79.58 -2.33 34.75	79.77 -1.98 28.28	114.30 -3.49 56.78	120.02 -3.66 59.29	136.42 -4.25 61.17	118.58 -3.69 62.30	91.65 -2.79 52.42	79.65 -1.88 28.96	77.61 -1.18 0.00	58.77 -1.14 0.00	45.72 -0.93 0.00
NINE_MILE_2 23744	42.47 -1.08 -0.10	40.99 -1.05 -0.09	37.20 -0.99 -0.19	32.49 -0.89 -0.40	32.35 -0.88 -0.48	36.52 -0.97 -0.24	38.97 -0.99 -0.12	42.20 -1.16 -0.18	45.73 -1.12 -0.24	46.81 -1.00 -0.37	54.74 -1.05 -0.73	72.12 -1.39 -0.43	79.65 -1.89 12.96	79.05 -2.33 35.27	79.35 -1.98 28.71	113.43 -3.49 57.65	119.13 -3.66 60.19	135.50 -4.25 62.10	117.64 -3.69 63.24	90.86 -2.79 53.21	79.21 -1.88 29.39	77.61 -1.18 0.00	58.77 -1.14 0.00	45.72 -0.93 0.00
NM_CAPITAL____DRP 24208	52.90 1.87 -7.58	45.62 1.80 -1.87	43.77 1.60 -4.19	43.04 1.35 -8.72	44.54 1.34 -10.45	44.05 1.53 -5.28	44.23 1.71 -2.68	48.73 1.73 -3.81	53.91 2.05 -5.26	57.58 2.04 -8.11	73.21 2.31 -15.84	85.46 3.07 -9.31	99.09 4.35 -0.24	123.43 5.48 -1.29	149.96 5.06 -34.86	199.80 8.03 -17.20	255.11 8.23 -63.90	269.43 9.08 -58.50	220.46 7.94 -27.96	223.25 6.32 -70.07	185.13 4.53 -70.12	104.63 3.31 -22.53	91.17 2.64 -28.63	67.44 1.91 -18.87
NM_CENTRAL____DRP 24181	43.51 -0.09 -0.14	41.98 -0.08 -0.12	38.07 -0.19 -0.27	33.34 -0.20 -0.57	33.27 -0.16 -0.68	37.41 -0.19 -0.34	39.94 -0.08 -0.17	43.27 -0.17 -0.25	46.95 0.00 -0.34	48.20 0.24 -0.53	57.37 0.44 -1.87	74.27 0.58 -0.61	96.60 0.85 -1.25	124.98 1.17 -7.15	120.02 1.32 -8.66	182.83 1.75 -6.51	190.54 1.83 -5.73	209.37 1.61 -5.91	192.06 1.48 -6.02	158.49 1.62 -10.02	120.27 1.33 -8.46	84.96 1.10 -5.07	63.71 0.54 -3.26	46.89 0.23 0.00
NM_FRONTIER____DRP 24179	44.20 0.17 -0.57	42.03 -0.13 -0.21	38.23 -0.23 -0.47	33.71 -0.23 -0.97	33.81 -0.10 -1.16	37.46 -0.37 -0.59	39.86 -0.28 -0.30	42.49 -1.12 -0.42	46.40 -0.79 -0.59	48.05 -0.28 -0.90	56.60 -0.22 -1.76	72.87 -1.24 -1.04	91.98 -2.55 -0.03	113.71 -3.03 -0.08	109.64 -2.53 -2.13	170.43 -5.94 -1.79	180.07 -6.95 -4.05	196.21 -9.28 -3.64	178.35 -7.94 -1.72	146.32 -4.85 -4.30	113.68 -1.10 -4.31	80.41 0.24 -1.38	60.89 -0.78 -1.76	47.44 -0.37 -1.16
NM_ST_REGIS____HYD 24053	41.06 -2.39 0.00	39.76 -2.18 0.00	36.20 -1.79 0.00	31.55 -1.42 0.00	31.28 -1.47 0.00	35.57 -1.68 0.00	37.81 -2.03 0.00	40.90 -2.29 0.00	43.81 -2.80 0.00	44.21 -3.23 0.00	41.74 -4.02 9.30	37.16 -5.33 30.58	29.94 -7.65 56.91	10.96 -9.68 96.02	21.89 -9.24 78.90	45.29 -14.49 114.79	40.10 -15.00 127.87	37.46 -16.35 148.03	40.73 -14.58 129.25	9.53 -10.28 127.05	9.29 -7.62 93.57	17.29 -5.59 55.90	20.39 -3.53 35.98	44.28 -2.38 0.00
NORTHPORT____1 23551	61.35 4.52 -13.38	53.43 4.40 -7.08	46.92 4.10 -4.82	43.21 3.46 -6.78	44.22 3.34 -8.13	45.19 3.84 -4.11	45.91 3.98 -2.08	50.51 4.36 -2.96	65.57 5.54 -13.42	72.37 5.83 -19.10	124.37 6.44 -62.88	126.67 7.24 -46.36	128.65 9.36 -24.79	132.79 12.13 -4.00	143.48 11.11 -22.33	145.67 19.20 48.10	147.80 19.95 55.12	163.84 21.61 59.61	145.84 19.19 57.92	146.16 14.54 15.24	144.20 7.85 -25.87	128.62 7.09 -42.74	114.63 6.65 -48.08	74.24 4.52 -23.06
NORTHPORT____2 23552	61.35 4.52 -13.38	53.43 4.40 -7.08	46.92 4.10 -4.82	43.21 3.46 -6.78	44.22 3.34 -8.13	45.19 3.84 -4.11	45.91 3.98 -2.08	50.51 4.36 -2.96	65.57 5.54 -13.42	72.37 5.83 -19.10	124.37 6.44 -62.88	126.67 7.24 -46.36	128.65 9.36 -24.79	132.79 12.13 -4.00	143.48 11.11 -22.33	145.67 19.20 48.10	147.80 19.95 55.12	163.84 21.61 59.61	145.84 19.19 57.92	146.16 14.54 15.24	144.20 7.85 -25.87	128.62 7.09 -42.74	114.63 6.65 -48.08	74.24 4.52 -23.06
NORTHPORT____3 23553	60.44 3.60 -13.38	52.55 3.52 -7.08	46.12 3.30 -4.82	42.48 2.74 -6.78	43.56 2.69 -8.13	44.41 3.06 -4.11	44.99 3.07 -2.08	49.73 3.58 -2.96	64.63 4.62 -13.41	71.46 4.93 -19.10	123.65 5.73 -62.87	127.98 7.82 -47.08	129.76 9.92 -25.34	133.37 12.72 -3.99	143.47 11.11 -22.33	146.01 19.55 48.11	148.15 20.31 55.13	164.03 21.81 59.62	146.01 19.37 57.93	146.01 14.40 15.25	143.96 7.62 -25.86	129.69 7.73 -43.17	114.92 6.41 -48.60	74.28 4.57 -23.05
NORTHPORT____4 23650	60.44 3.60 -13.38	52.55 3.52 -7.08	46.12 3.30 -4.82	42.48 2.74 -6.78	43.56 2.69 -8.13	44.41 3.06 -4.11	44.99 3.07 -2.08	49.73 3.58 -2.96	64.63 4.62 -13.41	71.46 4.93 -19.10	123.65 5.73 -62.87	127.98 7.82 -47.08	129.76 9.92 -25.34	133.37 12.72 -3.99	143.47 11.11 -22.33	146.01 19.55 48.11	148.15 20.31 55.13	164.03 21.81 59.62	146.01 19.37 57.93	146.01 14.40 15.25	143.96 7.62 -25.86	129.69 7.73 -43.17	114.92 6.41 -48.60	74.28 4.57 -23.05
NORTHPORT____IC 23718	61.35 4.52 -13.38	53.43 4.40 -7.08	46.92 4.10 -4.82	43.21 3.46 -6.78	44.22 3.34 -8.13	45.19 3.84 -4.11	45.91 3.98 -2.08	50.51 4.36 -2.96	65.57 5.54 -13.42	72.37 5.83 -19.10	124.37 6.44 -62.88	126.67 7.24 -46.36	128.65 9.36 -24.79	132.79 12.13 -4.00	143.48 11.11 -22.33	145.67 19.20 48.10	147.80 19.95 55.12	163.84 21.61 59.61	145.84 19.19 57.92	146.16 14.54 15.24	144.20 7.85 -25.87	128.62 7.09 -42.74	114.63 6.65 -48.08	74.24 4.52 -23.06

NORTH__COUNTRY_ESR 323785	41.15 -2.30 0.00	39.81 -2.14 0.00	36.43 -1.56 0.00	31.72 -1.25 0.00	31.47 -1.28 0.00	35.72 -1.53 0.00	37.85 -1.99 0.00	40.86 -2.33 0.00	43.86 -2.75 0.00	44.35 -3.08 0.00	47.39 -3.96 3.70	49.26 -5.41 18.41	51.88 -6.89 35.73	58.22 -8.63 49.81	58.85 -8.25 42.93	55.28 -13.27 106.01	47.43 -13.91 121.63	49.04 -14.73 138.08	47.90 -13.29 123.38	59.11 -10.58 77.18	58.61 -7.84 44.03	50.73 -5.83 22.23	41.35 -4.25 14.30	43.72 -2.94 0.00
NPX_GEN_1385_PROXY 323591	61.18 4.34 -13.38	53.31 4.28 -7.08	46.80 3.99 -4.82	43.74 3.99 -6.78	44.12 3.24 -8.13	45.53 4.17 -4.11	46.54 4.62 -2.08	50.08 3.93 -2.96	65.01 4.99 -13.42	71.75 5.22 -19.10	122.19 4.52 -62.62	124.47 5.04 -46.36	125.81 6.52 -24.79	131.62 10.96 -4.00	149.27 9.91 -29.33	139.02 19.55 55.09	149.80 21.95 55.12	167.26 25.02 59.61	146.40 19.76 57.92	146.60 14.99 15.24	143.64 7.29 -25.87	130.61 5.99 -45.83	109.68 4.79 -44.98	73.68 3.96 -23.06
NPX_GEN_CSC 323557	61.61 4.78 -13.38	53.68 4.66 -7.08	47.22 4.40 -4.82	43.24 3.49 -6.78	44.35 3.47 -8.13	45.27 3.91 -4.11	45.99 4.07 -2.08	50.82 4.67 -2.96	66.00 5.97 -13.42	72.85 6.31 -19.11	125.09 7.15 -62.89	141.06 9.13 -58.85	151.57 11.72 -45.36	162.25 14.94 -30.65	258.84 13.75 -135.05	269.21 21.47 -73.18	251.76 22.31 -46.47	298.76 24.21 -72.71	247.74 21.77 -41.41	236.67 18.50 -71.31	151.35 10.71 -30.15	149.96 8.98 -62.19	132.00 7.67 -64.42	132.42 5.32 -80.45
NSINS_S_GLNS_FALLS 23858	57.10 3.95 -9.69	47.28 3.40 -1.94	45.25 2.93 -4.33	44.40 2.41 -9.02	46.05 2.49 -10.81	45.51 2.79 -5.46	45.76 3.15 -2.77	50.12 2.98 -3.95	55.59 3.54 -5.44	59.66 3.84 -8.39	75.63 4.18 -16.39	88.86 6.14 -9.64	102.78 8.03 -0.25	128.24 9.80 -1.78	167.64 9.57 -48.03	208.09 14.84 -18.68	287.71 15.92 -88.81	300.32 17.56 -80.91	240.47 17.35 -38.55	257.34 13.95 -96.53	218.46 11.38 -96.60	118.19 8.35 -31.04	105.27 5.93 -39.44	77.46 4.81 -26.00
NUCOR_STEEL__DRP 24197	44.68 0.78 -0.45	42.91 0.80 -0.17	39.01 0.65 -0.37	34.24 0.49 -0.77	34.20 0.52 -0.93	38.35 0.63 -0.47	40.88 0.80 -0.24	44.26 0.73 -0.34	48.05 0.98 -0.47	49.48 1.33 -0.72	58.72 1.65 -2.01	76.17 2.27 -0.83	99.87 3.12 -2.25	129.60 4.08 -8.86	125.09 4.18 -10.87	192.11 6.11 -11.43	202.83 6.40 -13.45	222.17 6.86 -13.47	203.57 6.83 -12.18	168.62 5.73 -16.03	127.47 4.53 -12.46	86.99 3.47 -4.73	65.66 2.04 -3.71	48.95 1.40 -0.89
NUMBER_THREE_WT_PWR 323818	44.29 0.78 -0.06	42.79 0.79 -0.05	38.71 0.61 -0.11	33.70 0.50 -0.24	33.55 0.52 -0.28	38.06 0.67 -0.14	40.63 0.72 -0.07	43.98 0.69 -0.10	47.40 0.65 -0.14	48.31 0.66 -0.22	64.95 0.71 -9.18	92.20 0.29 -18.83	128.74 0.38 -33.85	192.01 0.00 -75.35	170.30 0.22 -60.04	197.07 0.00 -22.50	202.81 0.92 -18.92	228.35 1.42 -25.08	205.17 1.85 -18.76	233.42 2.65 -83.91	193.26 2.54 -80.24	133.08 1.66 -52.64	96.00 2.22 -33.88	48.29 1.63 0.00
NYISO_LBMP_REFERENCE 24008	43.45 0.00 0.00	41.95 0.00 0.00	37.99 0.00 0.00	32.97 0.00 0.00	32.75 0.00 0.00	37.25 0.00 0.00	39.84 0.00 0.00	43.19 0.00 0.00	46.61 0.00 0.00	47.43 0.00 0.00	55.06 0.00 0.00	73.08 0.00 0.00	94.50 0.00 0.00	116.66 0.00 0.00	110.03 0.00 0.00	174.57 0.00 0.00	182.97 0.00 0.00	201.85 0.00 0.00	184.56 0.00 0.00	146.86 0.00 0.00	110.48 0.00 0.00	78.79 0.00 0.00	59.91 0.00 0.00	46.66 0.00 0.00
NYPA_BRENTWD__GT 24164	62.05 5.21 -13.38	54.10 5.07 -7.08	47.52 4.71 -4.82	43.67 3.92 -6.78	44.71 3.83 -8.13	45.71 4.36 -4.11	46.46 4.54 -2.08	51.25 5.09 -2.96	66.41 6.39 -13.42	73.27 6.73 -19.10	125.53 7.60 -62.88	158.58 9.13 -76.37	156.40 11.81 -50.09	143.10 14.82 -11.62	222.43 13.31 -99.09	259.44 22.68 -62.18	236.92 23.78 -30.17	253.74 25.64 -26.25	227.58 22.88 -20.13	200.20 17.47 -35.87	151.01 10.38 -30.14	150.68 9.06 -62.84	139.92 8.03 -71.98	86.67 5.60 -34.42
NYPA_GOWANUS__GT5 24156	50.55 3.09 -4.02	46.55 3.15 -1.45	44.24 3.00 -3.25	42.21 2.47 -6.77	43.28 2.42 -8.11	44.03 2.68 -4.10	44.79 2.87 -2.08	49.55 3.41 -2.95	54.73 4.05 -4.07	58.20 4.46 -6.31	88.70 5.56 -28.09	96.97 7.02 -16.87	117.67 9.64 -13.52	145.07 12.72 -15.69	136.45 11.44 -14.98	208.97 21.82 -12.58	352.71 22.68 -147.05	252.14 24.01 -26.28	234.88 20.85 -29.46	218.97 14.83 -57.28	133.53 9.39 -13.66	118.98 6.31 -33.88	84.47 5.09 -19.47	67.86 3.31 -17.89
NYPA_GOWANUS__GT6 24157	50.55 3.09 -4.02	46.55 3.15 -1.45	44.24 3.00 -3.25	42.21 2.47 -6.77	43.28 2.42 -8.11	44.03 2.68 -4.10	44.79 2.87 -2.08	49.55 3.41 -2.95	54.73 4.05 -4.07	58.20 4.46 -6.31	88.70 5.56 -28.09	96.97 7.02 -16.87	117.67 9.64 -13.52	145.07 12.72 -15.69	136.45 11.44 -14.98	208.97 21.82 -12.58	352.71 22.68 -147.05	252.14 24.01 -26.28	234.88 20.85 -29.46	218.97 14.83 -57.28	133.53 9.39 -13.66	118.98 6.31 -33.88	84.47 5.09 -19.47	67.86 3.31 -17.89
NYPA_HARLEM_RVR_GT1 24160	50.35 2.87 -4.03	46.39 2.98 -1.46	44.13 2.89 -3.26	42.08 2.34 -6.77	43.12 2.26 -8.11	43.77 2.42 -4.10	44.39 2.47 -2.07	49.12 2.98 -2.95	54.32 3.64 -4.07	57.75 4.03 -6.29	72.46 5.12 -12.29	86.80 6.50 -7.22	103.56 8.88 -0.18	129.11 11.91 -0.55	135.80 10.79 -14.97	207.46 20.41 -12.47	234.51 21.40 -30.14	250.68 22.60 -26.23	216.08 19.37 -12.14	190.92 13.96 -30.10	149.55 8.95 -30.12	94.23 5.75 -9.69	76.95 4.73 -12.31	57.71 2.94 -8.12
NYPA_HARLEM_RVR_GT2 24161	50.35 2.87 -4.03	46.39 2.98 -1.46	44.13 2.89 -3.26	42.08 2.34 -6.77	43.12 2.26 -8.11	43.77 2.42 -4.10	44.39 2.47 -2.07	49.12 2.98 -2.95	54.32 3.64 -4.07	57.75 4.03 -6.29	72.46 5.12 -12.29	86.80 6.50 -7.22	103.56 8.88 -0.18	129.11 11.91 -0.55	135.80 10.79 -14.97	207.46 20.41 -12.47	234.51 21.40 -30.14	250.68 22.60 -26.23	216.08 19.37 -12.14	190.92 13.96 -30.10	149.55 8.95 -30.12	94.23 5.75 -9.69	76.95 4.73 -12.31	57.71 2.94 -8.12
NYPA_KENT__GT 24152	50.51 3.04 -4.02	46.46 3.06 -1.45	44.20 2.97 -3.25	42.21 2.47 -6.77	43.25 2.39 -8.11	43.99 2.64 -4.10	44.75 2.83 -2.08	49.51 3.37 -2.95	54.64 3.96 -4.07	58.05 4.32 -6.30	77.15 5.40 -16.69	90.84 6.80 -10.97	109.13 9.27 -5.36	135.33 12.25 -6.42	136.12 11.11 -14.98	208.20 21.11 -12.52	302.18 22.13 -97.07	251.51 23.40 -26.26	223.72 20.30 -18.85	201.90 14.40 -40.64	134.33 9.06 -14.78	103.92 6.07 -19.06	79.38 4.97 -14.51	61.73 3.17 -11.90
NYPA_POUCH1__GT 24155	45.57 2.96 0.84	42.49 2.98 2.44	41.22 2.85 -0.38	40.05 2.34 -4.74	40.59 2.26 -5.59	41.12 2.53 -1.33	41.53 2.71 1.02	45.12 3.24 1.31	48.35 3.87 2.13	65.23 4.27 -13.53	104.65 5.40 -44.20	111.00 6.80 -31.13	134.04 9.36 -30.18	163.18 12.36 -34.16	145.91 11.11 -24.77	218.79 21.47 -22.76	416.42 22.50 -210.95	262.02 23.81 -36.37	254.65 20.67 -49.42	245.72 14.54 -84.31	140.89 9.17 -21.24	140.69 6.07 -55.83	95.91 4.97 -31.04	55.78 3.17 -5.95
NYPA_VERNON__GT2 24162	50.43 2.96 -4.02	46.42 3.02 -1.45	44.13 2.89 -3.25	42.18 2.44 -6.77	43.22 2.36 -8.11	43.95 2.61 -4.10	44.71 2.79 -2.08	49.47 3.33 -2.95	54.60 3.92 -4.07	57.94 4.22 -6.29	70.06 5.23 -9.77	84.79 6.65 -5.06	100.77 9.07 2.81	125.83 12.02 2.84	135.91 10.90 -14.98	207.63 20.59 -12.47	251.65 21.58 -47.10	250.88 22.80 -26.24	212.56 19.76 -8.24	184.96 14.10 -24.00	135.33 8.95 -15.90	88.94 5.91 -4.24	74.30 4.85 -9.54	55.60 3.03 -5.91

NYPA_VERNON____GT3 24163	50.43	46.42	44.13	42.18	43.22	43.95	44.71	49.47	54.60	57.94	70.06	84.79	100.77	125.83	135.91	207.63	251.65	250.88	212.56	184.96	135.33	88.94	74.30	55.60
	2.96	3.02	2.89	2.44	2.36	2.61	2.79	3.33	3.92	4.22	5.23	6.65	9.07	12.02	10.90	20.59	21.58	22.80	19.76	14.10	8.95	5.91	4.85	3.03
	-4.02	-1.45	-3.25	-6.77	-8.11	-4.10	-2.08	-2.95	-4.07	-6.29	-9.77	-5.06	2.81	2.84	-14.98	-12.47	-47.10	-26.24	-8.24	-24.00	-15.90	-4.24	-9.54	-5.91
NYPA____ASTORIA_CC1 323568	50.29	46.33	44.09	42.11	43.15	43.88	44.63	49.34	54.45	57.75	66.50	81.67	96.47	120.93	135.57	207.28	234.33	250.48	206.97	176.35	132.76	81.50	71.56	52.57
	2.82	2.94	2.85	2.38	2.29	2.53	2.71	3.20	3.77	4.03	5.06	6.43	8.79	11.66	10.56	20.24	21.22	22.40	19.37	13.66	8.62	5.75	4.73	2.94
	-4.02	-1.45	-3.25	-6.77	-8.11	-4.10	-2.08	-2.95	-4.07	-6.29	-6.38	-2.16	6.82	7.39	-14.97	-12.47	-30.14	-26.23	-3.03	-15.83	-13.66	3.04	-6.92	-2.97
NYPA____ASTORIA_CC2 323569	50.29	46.33	44.09	42.11	43.15	43.88	44.63	49.34	54.45	57.75	66.50	81.67	96.47	120.93	135.57	207.28	234.33	250.48	206.97	176.35	132.76	81.50	71.56	52.57
	2.82	2.94	2.85	2.38	2.29	2.53	2.71	3.20	3.77	4.03	5.06	6.43	8.79	11.66	10.56	20.24	21.22	22.40	19.37	13.66	8.62	5.75	4.73	2.94
	-4.02	-1.45	-3.25	-6.77	-8.11	-4.10	-2.08	-2.95	-4.07	-6.29	-6.38	-2.16	6.82	7.39	-14.97	-12.47	-30.14	-26.23	-3.03	-15.83	-13.66	3.04	-6.92	-2.97
NYPA____HOLTSVILL 23794	61.70	53.76	47.25	43.38	44.45	45.42	46.15	50.95	66.04	72.80	124.99	142.82	150.64	159.78	248.63	276.54	252.06	299.62	247.95	254.90	150.46	146.18	134.66	131.39
	4.87	4.74	4.44	3.63	3.57	4.06	4.22	4.79	6.01	6.26	7.05	8.77	11.05	13.99	12.87	21.47	22.31	24.21	21.58	17.03	9.83	8.51	7.49	5.27
	-13.38	-7.08	-4.82	-6.78	-8.13	-4.11	-2.08	-2.96	-13.42	-19.11	-62.89	-60.97	-45.09	-29.12	-125.73	-80.50	-46.77	-73.57	-41.80	-91.01	-30.15	-58.88	-67.27	-79.47
NYPA____HELLGATE_GT1 24158	50.35	46.39	44.13	42.08	43.12	43.77	44.39	49.12	54.32	57.75	72.46	86.80	103.56	129.11	135.80	207.46	234.51	250.68	216.08	190.92	149.55	94.23	76.95	57.71
	2.87	2.98	2.89	2.34	2.26	2.42	2.47	2.98	3.64	4.03	5.12	6.50	8.88	11.91	10.79	20.41	21.40	22.60	19.37	13.96	8.95	5.75	4.73	2.94
	-4.03	-1.46	-3.26	-6.77	-8.11	-4.10	-2.07	-2.95	-4.07	-6.29	-12.29	-7.22	-0.18	-0.55	-14.97	-12.47	-30.14	-26.23	-12.14	-30.10	-30.12	-9.69	-12.31	-8.12
NYPA____HELLGATE_GT2 24159	50.35	46.39	44.13	42.08	43.12	43.77	44.39	49.12	54.32	57.75	72.46	86.80	103.56	129.11	135.80	207.46	234.51	250.68	216.08	190.92	149.55	94.23	76.95	57.71
	2.87	2.98	2.89	2.34	2.26	2.42	2.47	2.98	3.64	4.03	5.12	6.50	8.88	11.91	10.79	20.41	21.40	22.60	19.37	13.96	8.95	5.75	4.73	2.94
	-4.03	-1.46	-3.26	-6.77	-8.11	-4.10	-2.07	-2.95	-4.07	-6.29	-12.29	-7.22	-0.18	-0.55	-14.97	-12.47	-30.14	-26.23	-12.14	-30.10	-30.12	-9.69	-12.31	-8.12
NYS_BARGE____HYD 23848	44.62	42.45	38.56	33.92	34.05	37.82	40.34	43.26	47.18	48.79	57.55	74.60	93.87	116.39	112.33	174.40	184.51	201.34	183.09	149.85	116.20	82.10	62.21	48.43
	0.61	0.30	0.11	0.00	0.16	0.00	0.20	-0.35	0.00	0.47	0.77	0.52	-0.66	-0.35	0.22	-1.92	-2.38	-4.04	-3.14	-1.18	1.55	1.97	0.60	0.65
	-0.56	-0.20	-0.46	-0.95	-1.14	-0.57	-0.29	-0.41	-0.57	-0.88	-1.72	-1.01	-0.03	-0.08	-2.07	-1.75	-3.92	-3.53	-1.67	-4.17	-4.17	-1.34	-1.70	-1.12
OAK ORCHARD____HYD 24046	45.16	43.25	39.20	34.38	34.41	38.43	41.04	44.27	48.24	49.63	58.57	76.25	96.89	119.75	115.20	181.07	190.29	208.28	189.21	153.83	117.98	83.40	63.11	49.08
	1.26	1.13	0.83	0.62	0.72	0.71	0.95	0.73	1.17	1.47	2.09	2.34	2.36	3.03	3.52	5.07	4.21	3.64	3.33	3.67	4.20	3.55	1.86	1.54
	-0.45	-0.17	-0.38	-0.78	-0.94	-0.47	-0.24	-0.34	-0.47	-0.73	-1.42	-0.84	-0.02	-0.06	-1.64	-1.44	-3.11	-2.80	-1.32	-3.30	-3.30	-1.06	-1.35	-0.89
OAKDALE__35_KV_LOAD 356122	45.60	43.17	39.58	35.47	35.67	39.08	41.25	44.83	48.82	50.64	60.29	77.23	98.33	123.47	121.23	187.81	203.19	221.52	199.56	166.16	127.04	85.43	66.13	50.78
	0.87	0.80	0.65	0.53	0.56	0.63	0.80	0.78	1.03	1.38	1.65	2.05	2.93	4.32	4.29	5.76	6.77	7.06	6.83	5.73	4.53	3.39	2.10	1.40
	-1.27	-0.42	-0.95	-1.97	-2.36	-1.19	-0.61	-0.86	-1.19	-1.83	-3.58	-2.11	-0.90	-2.49	-6.91	-7.48	-13.44	-12.61	-8.17	-13.57	-12.03	-3.25	-4.13	-2.72
OCC_CHEM____DRP 24175	44.29	42.11	38.30	33.78	33.88	37.54	39.94	42.62	46.49	48.19	56.77	73.09	92.26	114.06	109.97	170.95	180.63	196.82	178.91	146.77	114.13	80.65	61.07	47.58
	0.26	-0.04	-0.15	-0.16	-0.03	-0.30	-0.20	-0.99	-0.70	-0.14	-0.06	-1.02	-2.27	-2.68	-2.20	-5.41	-6.40	-8.68	-7.38	-4.41	-0.66	0.47	-0.60	-0.23
	-0.58	-0.21	-0.47	-0.97	-1.17	-0.59	-0.30	-0.43	-0.59	-0.90	-1.77	-1.04	-0.03	-0.08	-2.14	-1.80	-4.06	-3.65	-1.73	-4.31	-4.31	-1.39	-1.76	-1.16
OH_GEN_PROXY 24063	44.50	42.36	38.49	33.90	34.00	37.72	40.30	43.18	47.05	48.66	57.47	74.32	93.49	115.80	118.70	166.74	183.68	200.40	182.20	149.35	115.72	84.83	58.78	48.17
	0.48	0.21	0.04	-0.03	0.10	-0.11	0.16	-0.43	-0.14	0.33	0.66	0.22	-1.04	-0.94	-0.44	-2.61	-3.29	-5.04	-4.06	-1.76	0.99	1.58	0.24	0.37
	-0.57	-0.21	-0.46	-0.96	-1.15	-0.58	-0.30	-0.42	-0.58	-0.89	-1.75	-1.03	-0.03	-0.08	-9.10	5.22	-4.00	-3.59	-1.70	-4.24	-4.24	-4.46	1.37	-1.14
OLIN_CORP_DRP 24177	44.16	41.99	38.16	33.62	33.73	37.43	39.95	42.76	46.69	48.39	57.00	73.32	92.73	114.76	110.76	172.02	181.95	198.48	180.21	147.99	114.85	81.14	61.45	47.74
	0.13	-0.17	-0.30	-0.33	-0.20	-0.41	-0.20	-0.86	-0.51	0.05	0.17	-0.80	-1.80	-1.98	-1.43	-4.36	-5.12	-7.06	-6.09	-3.23	0.00	0.95	-0.24	-0.09
	-0.58	-0.21	-0.47	-0.98	-1.18	-0.59	-0.30	-0.43	-0.59	-0.91	-1.78	-1.05	-0.03	-0.08	-2.15	-1.81	-4.10	-3.69	-1.74	-4.36	-4.36	-1.40	-1.78	-1.17
OLIN_CORP_DSASP 323712	44.33	42.15	38.34	33.81	33.91	37.58	39.94	42.67	46.49	48.10	56.71	73.53	92.26	114.06	109.97	170.95	180.61	196.81	178.90	146.89	114.02	80.65	61.06	47.67
	0.31	0.00	-0.11	-0.13	0.00	-0.26	-0.20	-0.95	-0.70	-0.24	-0.11	-0.59	-2.27	-2.68	-2.20	-5.41	-6.41	-8.67	-7.39	-4.26	-0.77	0.48	-0.60	-0.14
	-0.58	-0.21	-0.47	-0.97	-1.17	-0.59	-0.30	-0.43	-0.59	-0.90	-1.77	-1.04	-0.03	-0.08	-2.14	-1.79	-4.05	-3.64	-1.72	-4.30	-4.30	-1.38	-1.76	-1.16
ONEIDA_HERK_LFGE 323681	44.51	43.00	38.89	33.84	33.65	38.23	40.83	44.28	47.85	48.81	60.87	83.30	111.91	153.22	140.69	190.32	198.25	220.72	200.24	190.02	150.68	105.32	77.74	48.33
	1.00	1.01	0.80	0.66	0.65	0.86	0.92	0.99	1.12	1.19	1.43	1.83	2.36	2.45	2.53	3.49	4.38	5.05	4.79	4.40	3.64	2.45	2.33	1.68
	-0.05	-0.04	-0.10	-0.21	-0.25	-0.13	-0.06	-0.09	-0.13	-0.19	-4.38	-8.39	-15.05	-34.10	-28.13	-12.26	-10.89	-13.83	-10.89	-38.75	-36.55	-24.09	-15.50	0.00
ONEIDA____115KV_TB4 55905	44.94	43.33	39.23	34.24	34.09	38.60	41.20	44.70	48.42	49.54	59.57	79.36	104.45	136.03	127.58	190.07	198.77	219.82	200.95	171.43	131.37	92.06	69.30	48.66
	1.39	1.30	1.06	0.89	0.88	1.12	1.24	1.34	1.58	1.75	2.15	2.63	3.40	4.08	4.18	5.94	6.77	7.47	7.20	6.02	4.64	3.15	2.88	2.01
	-0.10	-0.08	-0.18	-0.38	-0.45	-0.23	-0.12	-0.16	-0.23	-0.35	-2.37	-3.65	-6.55	-15.29	-13.36	-9.56	-9.03	-10.50	-9.19	-18.55	-16.24	-10.12	-6.51	0.00

ONONDAGA_REF_OCCRA 23987	43.98 0.13 -0.40	42.18 0.08 -0.15	38.29 -0.04 -0.34	33.60 -0.07 -0.70	33.55 -0.03 -0.84	37.67 0.00 -0.42	40.14 0.08 -0.21	43.50 0.00 -0.31	47.21 0.19 -0.42	48.51 0.43 -0.65	57.67 0.61 -2.00	74.70 0.88 -0.75	97.25 1.23 -1.52	125.74 1.63 -7.45	121.72 1.76 -9.93	185.03 2.44 -8.02	195.37 2.74 -9.66	214.07 2.62 -9.60	195.60 2.58 -8.46	162.55 2.35 -13.34	123.57 1.88 -11.21	85.64 1.50 -5.35	64.71 0.78 -4.02	47.85 0.42 -0.77
ONONDAGA___COGEN 23986	43.79 0.17 -0.16	42.25 0.17 -0.14	38.34 0.04 -0.31	33.62 0.00 -0.65	33.56 0.03 -0.78	37.72 0.07 -0.39	40.20 0.16 -0.20	43.39 -0.09 -0.28	47.04 0.05 -0.39	48.32 0.28 -0.60	57.38 0.44 -1.89	74.36 0.58 -0.69	97.77 0.95 -2.32	127.39 1.28 -9.45	121.55 1.43 -10.08	187.94 1.92 -11.45	195.68 2.01 -10.69	214.89 2.02 -11.03	197.83 2.03 -11.23	162.38 1.91 -13.61	122.00 1.55 -9.97	84.31 1.26 -4.25	63.24 0.60 -2.74	46.98 0.33 0.00
ONTARIO___LFGE 23819	45.03 1.04 -0.54	43.06 0.92 -0.20	39.11 0.68 -0.44	34.41 0.53 -0.91	34.43 0.59 -1.10	38.51 0.71 -0.55	41.08 0.95 -0.28	44.45 0.86 -0.40	48.32 1.17 -0.55	49.80 1.52 -0.85	58.69 1.98 -1.66	76.90 2.85 -0.98	98.76 3.50 -0.76	123.51 4.78 -2.06	118.72 5.06 -3.62	186.34 6.80 -4.97	197.65 7.50 -7.18	216.61 7.86 -6.90	197.67 7.93 -5.17	160.93 7.05 -7.02	122.01 5.85 -5.68	84.57 4.49 -1.29	64.00 2.46 -1.64	49.51 1.77 -1.08
ORANGEVILLE_WT_PWR 323706	45.28 1.13 -0.70	42.91 0.71 -0.25	39.08 0.53 -0.56	34.50 0.36 -1.16	34.64 0.49 -1.39	38.40 0.45 -0.70	40.92 0.72 -0.36	44.04 0.34 -0.51	48.05 0.74 -0.70	49.70 1.19 -1.08	58.82 1.65 -2.11	76.22 1.90 -1.24	96.04 1.51 -0.03	120.14 3.39 -0.10	116.53 3.85 -2.64	179.69 2.96 -2.15	191.82 3.85 -5.00	209.56 3.22 -4.50	190.38 3.69 -2.13	156.13 3.97 -5.31	120.43 4.64 -5.31	84.44 3.94 -1.71	63.99 1.92 -2.17	49.67 1.59 -1.43
ORANGEVILLE___ESR 323794	45.28 1.13 -0.70	42.91 0.71 -0.25	39.08 0.53 -0.56	34.50 0.36 -1.16	34.64 0.49 -1.39	38.40 0.45 -0.70	40.92 0.72 -0.36	44.04 0.34 -0.51	48.05 0.74 -0.70	49.70 1.19 -1.08	58.82 1.65 -2.11	76.22 1.90 -1.24	96.04 1.51 -0.03	120.14 3.39 -0.10	116.53 3.85 -2.64	179.69 2.96 -2.15	191.82 3.85 -5.00	209.56 3.22 -4.50	190.38 3.69 -2.13	156.13 3.97 -5.31	120.43 4.64 -5.31	84.44 3.94 -1.71	63.99 1.92 -2.17	49.67 1.59 -1.43
OSWEGATCHIE___HYD 24044	42.67 -0.83 -0.04	41.31 -0.67 -0.04	37.43 -0.65 -0.08	32.65 -0.49 -0.17	32.43 -0.53 -0.21	36.80 -0.56 -0.10	39.22 -0.68 -0.05	42.40 -0.86 -0.08	45.59 -1.12 -0.10	46.26 -1.33 -0.16	73.80 -1.71 -20.45	113.63 -3.00 -43.55	168.06 -3.97 -77.53	282.15 -5.36 -170.85	239.29 -5.06 -134.32	209.06 -8.03 -42.51	209.19 -7.68 -33.90	241.25 -8.28 -47.69	210.68 -7.01 -33.13	330.30 -4.11 -187.55	289.95 -2.76 -182.22	197.84 -2.05 -121.10	137.30 -0.54 -77.93	46.33 -0.32 0.00
OSWEGO___5 23606	42.87 -0.70 -0.12	41.37 -0.67 -0.10	37.53 -0.68 -0.22	32.81 -0.63 -0.46	32.71 -0.59 -0.55	36.86 -0.67 -0.28	39.31 -0.68 -0.14	42.62 -0.78 -0.20	46.19 -0.70 -0.28	47.29 -0.57 -0.43	55.34 -0.55 -0.84	72.84 -0.73 -0.49	103.00 -1.04 -9.54	141.40 -1.17 -25.91	130.13 -0.99 -21.09	216.44 -1.75 -43.62	225.17 -2.01 -44.21	245.04 -2.41 -45.61	228.98 -2.03 -46.45	184.62 -1.32 -39.08	131.18 -0.89 -21.59	78.40 -0.39 0.00	59.37 -0.54 0.00	46.14 -0.51 0.00
OSWEGO___6 23613	42.87 -0.70 -0.12	41.37 -0.67 -0.10	37.53 -0.68 -0.22	32.81 -0.63 -0.46	32.71 -0.59 -0.55	36.86 -0.67 -0.28	39.31 -0.68 -0.14	42.62 -0.78 -0.20	46.19 -0.70 -0.28	47.29 -0.57 -0.43	55.34 -0.55 -0.84	72.84 -0.73 -0.49	103.00 -1.04 -9.54	141.40 -1.17 -25.91	130.13 -0.99 -21.09	216.44 -1.75 -43.62	225.17 -2.01 -44.21	245.04 -2.41 -45.61	228.98 -2.03 -46.45	184.62 -1.32 -39.08	131.18 -0.89 -21.59	78.40 -0.39 0.00	59.37 -0.54 0.00	46.14 -0.51 0.00
OUTOKUMPU-AB___DRP 24206	44.95 0.91 -0.59	42.70 0.55 -0.21	38.81 0.34 -0.48	34.23 0.26 -0.99	34.33 0.39 -1.19	38.11 0.26 -0.60	40.59 0.44 -0.30	43.49 -0.13 -0.43	47.58 0.37 -0.60	49.30 0.95 -0.92	58.12 1.27 -1.80	75.01 0.88 -1.06	94.91 0.38 -0.03	118.02 1.28 -0.08	113.98 1.76 -2.19	176.57 0.17 -1.83	187.31 0.18 -4.15	204.17 -1.41 -3.74	185.59 -0.74 -1.77	152.01 0.73 -4.41	117.77 2.87 -4.41	83.05 2.84 -1.42	62.79 1.08 -1.80	48.78 0.93 -1.19
OXBOW___ 24026	44.64 0.61 -0.58	42.41 0.25 -0.21	38.54 0.08 -0.47	33.99 0.03 -0.98	34.09 0.16 -1.18	37.81 -0.04 -0.59	40.19 0.04 -0.30	42.97 -0.65 -0.43	46.92 -0.28 -0.59	48.53 0.19 -0.91	57.28 0.44 -1.78	74.35 0.22 -1.05	93.40 -1.13 -0.03	115.80 -0.94 -0.08	111.76 -0.44 -2.16	173.41 -2.97 -1.81	183.59 -3.48 -4.09	200.09 -5.44 -3.68	181.87 -4.43 -1.74	149.15 -2.06 -4.35	115.71 0.88 -4.35	81.68 1.49 -1.40	61.74 0.06 -1.78	48.16 0.33 -1.17
OXY_CHEM_DSASP 323612	44.29 0.26 -0.58	42.11 -0.04 -0.21	38.30 -0.15 -0.47	33.78 -0.16 -0.97	33.88 -0.03 -1.17	37.54 -0.30 -0.59	39.94 -0.20 -0.30	42.62 -0.99 -0.43	46.49 -0.70 -0.59	48.19 -0.14 -0.90	56.77 -0.06 -1.77	73.09 -1.02 -1.04	92.26 -2.27 -0.03	114.06 -2.68 -0.08	109.97 -2.20 -2.14	170.95 -5.41 -1.80	180.63 -6.40 -4.06	196.82 -8.68 -3.65	178.91 -7.38 -1.73	146.77 -4.41 -4.31	114.13 -0.66 -4.31	80.65 0.47 -1.39	61.07 -0.60 -1.76	47.58 -0.23 -1.16
OZONE_PARK_ESR 323760	51.13 3.65 -4.02	47.01 3.61 -1.45	44.58 3.34 -3.25	42.54 2.80 -6.77	43.61 2.75 -8.11	44.47 3.13 -4.10	45.27 3.35 -2.08	50.17 4.02 -2.96	55.39 4.71 -4.08	58.80 5.08 -6.29	73.41 6.06 -12.29	88.27 7.97 -7.23	105.46 10.77 -0.19	131.45 14.23 -0.56	138.11 13.09 -14.98	210.78 23.74 -12.47	238.00 24.88 -30.14	254.71 26.64 -26.23	220.32 23.62 -12.13	194.30 17.33 -30.11	151.99 11.38 -30.13	96.04 7.56 -9.68	78.26 6.05 -12.30	58.64 3.87 -8.11
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	44.29 0.26 -0.58	42.11 -0.04 -0.21	38.30 -0.15 -0.47	33.78 -0.16 -0.97	33.88 -0.03 -1.17	37.54 -0.30 -0.59	39.94 -0.20 -0.30	42.62 -0.99 -0.43	46.49 -0.70 -0.59	48.19 -0.14 -0.90	56.77 -0.06 -1.77	73.09 -1.02 -1.04	92.26 -2.27 -0.03	114.06 -2.68 -0.08	109.97 -2.20 -2.14	170.95 -5.41 -1.80	180.63 -6.40 -4.06	196.82 -8.68 -3.65	178.91 -7.38 -1.73	146.77 -4.41 -4.31	114.13 -0.66 -4.31	80.65 0.47 -1.39	61.07 -0.60 -1.76	47.58 -0.23 -1.16
PACKARD__115KV_DUPONT_184 80571	44.29 0.26 -0.58	42.11 -0.04 -0.21	38.30 -0.15 -0.47	33.78 -0.16 -0.97	33.88 -0.03 -1.17	37.54 -0.30 -0.59	39.94 -0.20 -0.30	42.62 -0.99 -0.43	46.49 -0.70 -0.59	48.19 -0.14 -0.90	56.77 -0.06 -1.77	73.09 -1.02 -1.04	92.26 -2.27 -0.03	114.06 -2.68 -0.08	109.97 -2.20 -2.14	170.95 -5.41 -1.80	180.63 -6.40 -4.06	196.82 -8.68 -3.65	178.91 -7.38 -1.73	146.77 -4.41 -4.31	114.13 -0.66 -4.31	80.65 0.47 -1.39	61.07 -0.60 -1.76	47.58 -0.23 -1.16
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	50.48 3.00 -4.03	46.51 3.10 -1.46	44.21 2.96 -3.26	42.18 2.44 -6.77	43.18 2.33 -8.11	43.88 2.53 -4.10	44.47 2.55 -2.08	49.21 3.07 -2.95	54.41 3.73 -4.07	57.84 4.13 -6.29	72.52 5.18 -12.29	86.95 6.65 -7.22	103.75 9.07 -0.18	129.22 12.02 -0.55	135.90 10.89 -14.97	207.64 20.60 -12.47	234.70 21.59 -30.14	250.88 22.81 -26.23	216.45 19.75 -12.14	191.06 14.10 -30.10	149.55 8.95 -30.12	94.47 5.99 -9.69	77.13 4.91 -12.31	57.85 3.08 -8.12

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	50.92 3.43 -4.03	46.97 3.57 -1.46	44.63 3.38 -3.26	42.51 2.77 -6.77	43.54 2.69 -8.11	44.21 2.87 -4.10	44.75 2.83 -2.08	49.47 3.33 -2.95	54.73 4.05 -4.07	58.17 4.46 -6.29	72.85 5.51 -12.29	87.68 7.38 -7.22	104.70 10.02 -0.18	129.81 12.60 -0.55	136.56 11.55 -14.97	208.86 21.82 -12.47	235.80 22.69 -30.14	252.09 24.02 -26.23	217.74 21.04 -12.14	192.09 15.13 -30.10	150.44 9.83 -30.12	95.02 6.54 -9.69	77.61 5.39 -12.31	58.18 3.41 -8.12
PATROON__115KV_TB1 80586	53.32 1.96 -7.91	45.64 1.80 -1.89	43.80 1.60 -4.22	43.10 1.35 -8.78	44.65 1.38 -10.52	44.09 1.53 -5.32	44.25 1.71 -2.70	48.80 1.77 -3.84	54.00 2.10 -5.30	57.64 2.04 -8.17	73.43 2.42 -15.95	85.67 3.22 -9.38	99.28 4.54 -0.24	123.63 5.60 -1.37	152.20 5.28 -36.88	200.40 8.38 -17.46	259.62 8.78 -67.86	273.33 9.49 -62.00	222.46 8.31 -29.59	227.45 6.46 -74.13	189.42 4.75 -74.18	106.10 3.47 -23.84	92.95 2.76 -30.29	68.67 2.05 -19.97
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	44.53 0.43 -0.65	42.30 0.13 -0.23	38.47 -0.04 -0.52	33.92 -0.13 -1.08	34.04 0.00 -1.29	37.79 -0.11 -0.65	40.34 0.16 -0.33	43.49 -0.17 -0.47	47.54 0.28 -0.65	49.38 0.95 -1.00	58.28 1.27 -1.96	75.25 1.02 -1.15	95.95 1.42 -0.03	121.53 4.78 -0.09	117.75 5.28 -2.44	179.19 2.62 -2.00	193.26 5.67 -4.61	211.23 5.25 -4.13	191.89 5.35 -1.97	157.18 5.43 -4.88	121.00 5.63 -4.88	84.93 4.57 -1.57	64.12 2.22 -1.99	49.65 1.68 -1.31
PAWLING_115_KV_BK3_REV_LBMP_H 345028	50.94 3.39 -4.09	46.73 3.31 -1.47	44.29 3.00 -3.30	42.38 2.54 -6.87	43.60 2.62 -8.23	44.39 2.98 -4.16	45.22 3.27 -2.11	50.12 3.93 -3.00	55.04 4.29 -4.14	58.47 4.65 -6.39	73.15 5.62 -12.48	88.23 7.82 -7.34	105.37 10.68 -0.19	131.22 14.00 -0.57	138.51 13.20 -15.27	208.87 21.65 -12.66	236.28 22.87 -30.43	253.69 25.23 -26.62	219.06 22.15 -12.35	194.29 16.74 -30.69	152.80 11.60 -30.71	96.38 7.72 -9.87	78.20 5.75 -12.54	58.61 3.69 -8.27
PEEKSKILL____ 23653	50.24 2.82 -3.97	46.19 2.81 -1.43	43.78 2.58 -3.21	41.86 2.21 -6.68	42.91 2.16 -8.00	43.79 2.50 -4.04	44.61 2.71 -2.05	49.31 3.20 -2.92	54.31 3.68 -4.03	57.67 4.03 -6.21	72.08 4.90 -12.13	86.64 6.43 -7.13	103.37 8.69 -0.18	128.76 11.55 -0.55	135.61 10.79 -14.78	205.56 18.69 -12.30	232.28 19.59 -29.72	248.91 21.19 -25.87	215.37 18.83 -11.97	190.37 13.80 -29.71	149.16 8.95 -29.73	94.41 6.07 -9.55	76.84 4.79 -12.14	57.69 3.03 -8.00
PGE MADISON__WINDPWR 24146	48.74 3.91 -1.38	46.12 3.78 -0.40	42.07 3.19 -0.89	37.53 2.70 -1.85	37.69 2.72 -2.22	41.65 3.28 -1.12	44.08 3.66 -0.57	47.97 3.97 -0.81	51.87 4.15 -1.12	53.57 4.41 -1.72	63.76 5.34 -3.37	83.10 8.04 -1.98	106.16 10.68 -0.98	132.82 13.41 -2.75	131.29 13.31 -7.95	202.38 20.07 -7.74	220.38 21.95 -15.46	240.74 24.41 -14.48	218.01 24.17 -9.28	182.78 20.27 -15.65	140.22 15.80 -13.94	93.54 10.95 -3.80	72.58 7.85 -4.83	55.67 5.83 -3.18
PIERCEFIELD__HYD 23852	41.02 -2.43 0.00	39.76 -2.18 0.00	36.13 -1.86 0.00	31.45 -1.52 0.00	31.21 -1.54 0.00	35.50 -1.75 0.00	37.77 -2.07 0.00	40.86 -2.33 0.00	43.76 -2.84 0.00	44.16 -3.27 0.00	40.66 -4.07 10.32	34.87 -5.41 32.80	25.77 -7.94 60.79	2.13 -10.03 104.50	14.84 -9.68 85.51	43.07 -15.01 116.49	38.50 -15.37 129.11	34.94 -16.96 149.95	39.00 -15.13 130.43	0.20 -10.43 136.24	0.10 -7.73 102.65	11.15 -5.59 62.04	16.56 -3.41 39.93	44.37 -2.29 0.00
PINELAWN_CC_1 323563	61.53 4.69 -13.38	53.60 4.57 -7.08	47.07 4.25 -4.82	43.28 3.53 -6.78	44.35 3.47 -8.13	45.34 3.99 -4.11	45.99 4.07 -2.08	50.78 4.62 -2.96	65.85 5.83 -13.42	72.70 6.16 -19.10	124.48 6.55 -62.88	133.35 8.04 -52.24	135.16 10.58 -30.08	141.02 13.99 -10.37	219.76 12.54 -97.18	258.39 21.64 -62.18	235.83 22.68 -30.17	252.71 24.62 -26.25	226.84 22.14 -20.13	195.38 16.59 -31.93	150.35 9.72 -30.14	134.00 8.27 -46.94	120.47 7.49 -53.08	77.92 5.18 -26.08
PJM_GEN_HTP_PROXY 323702	50.56 3.09 -4.02	46.42 3.02 -1.45	44.09 2.85 -3.25	42.11 2.38 -6.77	43.18 2.33 -8.11	44.03 2.68 -4.10	44.83 2.91 -2.08	49.61 3.46 -2.96	54.79 4.10 -4.08	58.14 4.41 -6.29	72.75 5.40 -12.29	87.39 7.09 -7.23	104.23 9.54 -0.19	129.82 12.60 -0.56	143.56 11.55 -21.97	200.98 20.94 -5.47	235.06 21.95 -30.14	251.48 23.40 -26.23	217.36 20.67 -12.13	191.80 14.83 -30.11	150.12 9.50 -30.13	97.95 6.38 -12.78	74.26 5.15 -9.20	58.03 3.26 -8.11
PJM_GEN_KEystone 24065	46.62 1.48 -1.69	43.53 1.30 -0.28	40.65 1.14 -1.52	37.70 0.96 -3.77	38.21 0.95 -4.51	40.34 1.04 -2.05	41.86 1.24 -0.78	45.67 1.34 -1.13	49.89 1.77 -1.51	52.27 2.14 -2.70	63.82 2.70 -6.07	79.31 3.36 -2.87	97.27 4.26 1.49	122.01 6.76 1.41	131.34 6.71 -14.59	183.68 10.12 1.01	210.90 11.35 -16.58	227.86 11.70 -14.31	200.79 10.70 -5.53	180.15 8.22 -25.07	123.28 5.85 -6.94	90.29 4.17 -7.33	65.83 2.82 -3.10	52.25 1.82 -3.78
PJM_GEN_NEPTUNE_PROXY 323594	60.57 3.74 -13.38	52.67 3.65 -7.08	46.23 3.42 -4.82	42.62 2.87 -6.78	43.69 2.82 -8.13	44.56 3.20 -4.11	45.11 3.19 -2.08	49.87 3.71 -2.96	64.68 4.66 -13.41	71.51 4.98 -19.10	123.66 5.73 -62.88	128.56 7.31 -48.17	130.49 9.74 -26.26	139.18 12.72 -9.80	225.00 11.66 -103.31	250.00 20.24 -55.19	234.36 21.22 -30.17	250.90 22.80 -26.25	225.00 20.30 -20.13	192.41 15.42 -30.14	149.13 8.51 -30.14	132.88 7.09 -47.00	112.20 5.93 -46.37	71.21 3.96 -20.59
PJM_GEN_VFT_PROXY 323633	39.61 2.74 6.59	37.63 2.72 7.04	37.55 2.58 3.02	37.45 2.14 -2.34	37.45 2.10 -2.60	37.70 2.39 1.93	37.75 2.59 4.69	39.99 3.15 6.35	40.87 3.73 9.47	42.08 4.03 9.38	53.07 4.96 6.94	65.47 6.50 14.11	80.70 8.88 22.68	103.86 11.66 24.46	121.39 10.67 -0.68	177.77 19.72 16.52	211.80 20.67 -8.15	228.42 22.20 -4.37	190.02 19.37 13.92	159.19 13.80 1.47	116.41 8.73 2.80	73.82 5.75 10.72	55.88 4.73 8.76	41.40 2.94 8.20
PLATSBRG_115KV_PMLD1 355749	40.67 -2.78 0.00	39.35 -2.60 0.00	36.43 -1.56 0.00	31.72 -1.25 0.00	31.47 -1.28 0.00	35.72 -1.53 0.00	37.61 -2.23 0.00	40.34 -2.85 0.00	43.34 -3.26 0.00	43.78 -3.65 0.00	47.42 -4.57 3.07	49.96 -6.07 17.05	53.34 -7.84 33.32	62.44 -9.68 44.53	62.08 -9.13 38.82	55.05 -14.66 104.85	46.85 -15.37 120.75	48.52 -16.55 136.77	46.90 -15.13 122.53	63.38 -12.04 71.43	63.24 -8.84 38.40	53.72 -6.62 18.46	43.18 -4.85 11.88	43.25 -3.41 0.00
PLEASANTVLY__LBMP 24000	50.40 2.69 -4.25	46.12 2.64 -1.53	43.85 2.43 -3.43	42.19 2.08 -7.14	43.34 2.03 -8.56	43.88 2.31 -4.32	44.55 2.51 -2.19	49.25 2.94 -3.12	54.32 3.40 -4.31	57.73 3.65 -6.64	72.38 4.35 -12.98	86.41 5.70 -7.63	102.35 7.65 -0.20	127.28 10.03 -0.59	135.12 9.24 -15.84	203.44 15.71 -13.16	231.47 16.47 -32.03	247.40 17.76 -27.79	213.08 15.69 -12.83	190.44 11.75 -31.83	150.07 7.73 -31.86	94.39 5.36 -10.24	77.28 4.37 -13.01	58.08 2.85 -8.57
PLSNTVLE_13_KV_13.8KVDIST 80602	50.60 3.09 -4.06	46.43 3.02 -1.47	44.04 2.77 -3.28	42.18 2.37 -6.83	43.26 2.33 -8.19	44.07 2.68 -4.14	44.81 2.87 -2.10	49.59 3.41 -2.99	54.73 4.01 -4.12	58.10 4.32 -6.35	72.70 5.23 -12.41	87.17 6.80 -7.30	103.95 9.26 -0.19	129.35 12.13 -0.56	136.60 11.44 -15.12	206.71 19.55 -12.59	233.89 20.49 -30.42	250.32 22.00 -26.47	216.37 19.56 -12.24	191.64 14.39 -30.39	150.40 9.50 -30.41	95.02 6.46 -9.77	77.47 5.15 -12.42	58.15 3.31 -8.18

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	50.60 3.09 -4.06	46.43 3.02 -1.47	44.04 2.77 -3.28	42.18 2.37 -6.83	43.26 2.33 -8.19	44.07 2.68 -4.14	44.81 2.87 -2.10	49.59 3.41 -2.99	54.73 4.01 -4.12	58.10 4.32 -6.35	72.70 5.23 -12.41	87.17 6.80 -7.30	103.95 9.26 -0.19	129.35 12.13 -0.56	136.60 11.44 -15.12	206.71 19.55 -12.59	233.89 20.49 -30.42	250.32 22.00 -26.47	216.37 19.56 -12.24	191.64 14.39 -30.39	150.40 9.50 -30.41	95.02 6.46 -9.77	77.47 5.15 -12.42	58.15 3.31 -8.18
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	50.81 3.17 -4.19	46.55 3.10 -1.50	44.11 2.77 -3.35	42.31 2.37 -6.97	43.33 2.23 -8.35	44.00 2.53 -4.22	44.77 2.79 -2.14	49.56 3.33 -3.05	54.58 3.78 -4.20	57.99 4.08 -6.48	72.78 5.07 -12.66	87.24 6.72 -7.44	103.86 9.17 -0.19	129.14 11.90 -0.58	136.88 11.11 -15.74	206.28 18.85 -12.86	232.00 19.76 -29.27	250.02 21.60 -26.58	216.58 19.38 -12.64	193.02 14.54 -31.62	151.96 9.83 -31.65	95.74 6.78 -10.17	78.10 5.27 -12.92	58.53 3.36 -8.52
POLETTI____ 23519	50.47 3.00 -4.02	46.42 3.02 -1.45	44.05 2.81 -3.25	42.08 2.34 -6.77	43.15 2.29 -8.11	43.99 2.64 -4.10	44.75 2.83 -2.08	49.56 3.41 -2.96	54.70 4.01 -4.08	58.04 4.32 -6.29	72.58 5.23 -12.29	87.10 6.80 -7.23	103.95 9.26 -0.19	129.46 12.25 -0.56	136.24 11.22 -14.98	207.63 20.60 -12.47	234.52 21.41 -30.14	251.08 23.01 -26.23	217.00 20.30 -12.13	191.51 14.54 -30.11	149.89 9.28 -30.13	94.62 6.15 -9.68	77.24 5.03 -12.30	57.94 3.17 -8.11
POMONA____ESR 323819	50.03 2.74 -3.84	46.02 2.69 -1.39	43.56 2.47 -3.10	41.54 2.11 -6.45	42.48 2.00 -7.73	43.47 2.31 -3.91	44.34 2.51 -1.98	49.04 3.02 -2.82	54.04 3.54 -3.89	57.27 3.84 -6.00	71.57 4.79 -11.73	86.33 6.35 -6.90	103.37 8.69 -0.18	128.74 11.55 -0.53	135.22 10.90 -14.29	205.32 18.86 -11.89	231.40 19.77 -28.66	248.01 21.19 -24.98	214.96 18.83 -11.56	189.37 13.80 -28.71	148.06 8.84 -28.73	94.01 5.99 -9.23	76.37 4.73 -11.73	57.33 2.94 -7.73
PORT_JEFF_3 23555	61.74 4.91 -13.38	53.80 4.78 -7.08	47.29 4.48 -4.82	43.41 3.66 -6.78	44.45 3.57 -8.13	45.42 4.06 -4.11	46.15 4.22 -2.08	50.95 4.79 -2.96	66.09 6.06 -13.42	72.90 6.36 -19.11	125.15 7.21 -62.89	143.61 8.91 -61.62	150.93 10.86 -45.57	160.04 13.06 -30.32	249.58 12.00 -127.55	277.38 20.07 -82.74	252.81 21.03 -48.80	303.80 22.60 -79.35	249.32 20.30 -44.45	262.85 15.87 -100.13	149.92 9.28 -30.15	146.48 8.43 -59.25	135.17 7.55 -67.72	133.83 5.27 -81.90
PORT_JEFF_4 23616	61.74 4.91 -13.38	53.80 4.78 -7.08	47.29 4.48 -4.82	43.41 3.66 -6.78	44.45 3.57 -8.13	45.42 4.06 -4.11	46.15 4.22 -2.08	50.95 4.79 -2.96	66.09 6.06 -13.42	72.90 6.36 -19.11	125.15 7.21 -62.89	143.61 8.91 -61.62	150.93 10.86 -45.57	160.04 13.06 -30.32	249.58 12.00 -127.55	277.38 20.07 -82.74	252.81 21.03 -48.80	303.80 22.60 -79.35	249.32 20.30 -44.45	262.85 15.87 -100.13	149.92 9.28 -30.15	146.48 8.43 -59.25	135.17 7.55 -67.72	133.83 5.27 -81.90
PORT_JEFF_IC 23713	61.87 5.04 -13.38	53.93 4.91 -7.08	47.41 4.59 -4.82	43.47 3.72 -6.78	44.55 3.67 -8.13	45.53 4.17 -4.11	46.27 4.34 -2.08	51.07 4.92 -2.96	66.23 6.20 -13.43	73.09 6.55 -19.12	125.37 7.43 -62.89	145.92 9.28 -63.56	152.94 11.34 -47.10	164.48 13.64 -34.18	256.00 12.54 -133.42	285.37 20.94 -89.87	260.17 21.95 -55.25	323.19 23.60 -97.74	258.66 21.22 -52.88	295.12 16.44 -131.81	150.14 9.50 -30.15	148.17 8.90 -60.48	136.92 7.85 -69.17	143.08 5.50 -90.92
PPL PILGRIM_ST_GT1 24216	62.05 5.21 -13.38	54.10 5.07 -7.08	47.52 4.71 -4.82	43.67 3.92 -6.78	44.71 3.83 -8.13	45.71 4.36 -4.11	46.46 4.54 -2.08	51.25 5.09 -2.96	66.41 6.39 -13.42	73.27 6.73 -19.10	125.53 7.60 -62.88	158.58 9.13 -76.37	156.40 11.81 -50.09	143.10 14.82 -11.62	222.43 13.31 -99.09	259.44 22.68 -62.18	236.92 23.78 -30.17	253.74 25.64 -26.25	227.58 22.88 -20.13	200.20 17.47 -35.87	151.01 10.38 -30.14	150.68 9.06 -62.84	139.92 8.03 -71.98	86.67 5.60 -34.42
PPL PILGRIM_ST_GT2 24217	62.05 5.21 -13.38	54.10 5.07 -7.08	47.52 4.71 -4.82	43.67 3.92 -6.78	44.71 3.83 -8.13	45.71 4.36 -4.11	46.46 4.54 -2.08	51.25 5.09 -2.96	66.41 6.39 -13.42	73.27 6.73 -19.10	125.53 7.60 -62.88	158.58 9.13 -76.37	156.40 11.81 -50.09	143.10 14.82 -11.62	222.43 13.31 -99.09	259.44 22.68 -62.18	236.92 23.78 -30.17	253.74 25.64 -26.25	227.58 22.88 -20.13	200.20 17.47 -35.87	151.01 10.38 -30.14	150.68 9.06 -62.84	139.92 8.03 -71.98	86.67 5.60 -34.42
PPL_SHRM_GT3 24213	61.66 4.82 -13.38	53.72 4.70 -7.08	47.25 4.44 -4.82	43.28 3.53 -6.78	44.38 3.51 -8.13	45.30 3.95 -4.11	46.03 4.10 -2.08	50.86 4.71 -2.96	66.05 6.01 -13.43	72.85 6.31 -19.11	125.10 7.15 -62.89	144.35 9.13 -62.14	152.07 11.72 -45.86	164.47 15.05 -32.76	255.05 13.75 -131.26	280.29 18.86 -86.86	255.09 19.59 -52.53	313.21 21.39 -89.98	252.90 19.01 -49.32	271.48 18.65 -105.96	151.47 10.83 -30.15	147.33 9.06 -59.49	135.63 7.73 -67.99	135.06 5.36 -83.04
PPL_SHRM_GT4 24214	61.66 4.82 -13.38	53.72 4.70 -7.08	47.25 4.44 -4.82	43.28 3.53 -6.78	44.38 3.51 -8.13	45.30 3.95 -4.11	46.03 4.10 -2.08	50.86 4.71 -2.96	66.05 6.01 -13.43	72.85 6.31 -19.11	125.10 7.15 -62.89	144.35 9.13 -62.14	152.07 11.72 -45.86	164.47 15.05 -32.76	255.05 13.75 -131.26	280.29 18.86 -86.86	255.09 19.59 -52.53	313.21 21.39 -89.98	252.90 19.01 -49.32	271.48 18.65 -105.96	151.47 10.83 -30.15	147.33 9.06 -59.49	135.63 7.73 -67.99	135.06 5.36 -83.04
PROJECT___ORANGE 1 24174	43.55 -0.04 -0.15	41.99 -0.08 -0.12	38.11 -0.15 -0.28	33.38 -0.16 -0.58	33.31 -0.13 -0.69	37.45 -0.15 -0.35	39.98 -0.04 -0.18	43.31 -0.13 -0.25	47.00 0.05 -0.35	48.25 0.28 -0.54	57.42 0.50 -1.87	74.35 0.66 -0.62	96.79 1.04 -1.25	125.00 1.28 -7.05	119.98 1.43 -8.52	183.01 1.92 -6.52	190.71 2.01 -5.73	209.77 2.02 -5.91	192.43 1.85 -6.02	158.51 1.76 -9.89	120.23 1.44 -8.31	84.99 1.26 -4.94	63.68 0.60 -3.18	46.94 0.28 0.00
PROJECT___ORANGE 2 24166	43.55 -0.04 -0.15	41.99 -0.08 -0.12	38.11 -0.15 -0.28	33.38 -0.16 -0.58	33.31 -0.13 -0.69	37.45 -0.15 -0.35	39.98 -0.04 -0.18	43.31 -0.13 -0.25	47.00 0.05 -0.35	48.25 0.28 -0.54	57.42 0.50 -1.87	74.35 0.66 -0.62	96.79 1.04 -1.25	125.00 1.28 -7.05	119.98 1.43 -8.52	183.01 1.92 -6.52	190.71 2.01 -5.73	209.77 2.02 -5.91	192.43 1.85 -6.02	158.51 1.76 -9.89	120.23 1.44 -8.31	84.99 1.26 -4.94	63.68 0.60 -3.18	46.94 0.28 0.00
PUCKETT___SOLAR 323809	46.48 1.65 -1.38	43.89 1.51 -0.43	40.21 1.25 -0.97	36.04 1.05 -2.02	36.24 1.08 -2.41	39.77 1.30 -1.22	41.94 1.48 -0.62	45.58 1.51 -0.88	49.50 1.68 -1.22	51.15 1.85 -1.87	60.92 2.20 -3.66	78.30 3.07 -2.15	99.46 4.06 -0.90	124.76 5.60 -2.50	123.12 5.61 -7.47	190.19 8.03 -7.58	206.83 9.33 -14.53	225.92 10.49 -13.58	203.88 10.70 -8.62	170.85 9.26 -14.73	130.97 7.29 -13.19	87.70 5.28 -3.63	68.05 3.53 -4.61	52.16 2.47 -3.04
PYRITES___HYD 24023	41.89 -1.56 0.00	40.56 -1.38 0.00	36.85 -1.14 0.00	32.08 -0.89 0.00	31.83 -0.92 0.00	36.21 -1.04 0.00	38.53 -1.31 0.00	41.64 -1.55 0.00	44.60 -2.00 0.00	45.01 -2.42 0.00	42.44 -3.08 9.53	38.19 -3.80 31.09	31.04 -5.67 57.79	11.02 -7.70 97.94	22.15 -7.48 80.41	47.88 -11.52 115.17	43.11 -11.71 128.15	40.66 -12.72 148.47	43.78 -11.26 129.52	10.08 -7.64 129.14	9.44 -5.41 95.63	17.63 -3.86 57.30	20.81 -2.22 36.88	45.30 -1.35 0.00

QUAKERRD_115KV_BK1 80622	43.84 -0.04 -0.43	41.94 -0.17 -0.16	38.05 -0.30 -0.36	33.39 -0.33 -0.75	33.36 -0.29 -0.90	37.33 -0.37 -0.46	39.84 -0.24 -0.23	43.05 -0.48 -0.33	46.87 -0.19 -0.45	48.42 0.28 -0.70	56.97 0.55 -1.37	74.10 0.22 -0.80	94.52 0.00 -0.02	116.72 0.00 -0.06	112.15 0.55 -1.56	176.47 0.52 -1.38	185.57 -0.37 -2.97	203.30 -1.21 -2.67	184.90 -0.92 -1.26	150.01 0.00 -3.15	114.74 1.10 -3.15	80.99 1.18 -1.01	61.37 0.18 -1.29	47.50 0.00 -0.85
QUENSBRY_115KV_TB8 356137	57.21 4.04 -9.71	47.37 3.48 -1.94	45.29 2.96 -4.34	44.44 2.44 -9.03	46.12 2.55 -10.82	45.55 2.83 -5.47	45.85 3.23 -2.77	50.21 3.07 -3.95	55.69 3.64 -5.45	59.81 3.98 -8.40	75.76 4.29 -16.41	89.01 6.28 -9.65	102.97 8.22 -0.25	128.59 10.15 -1.79	168.12 9.90 -48.18	208.46 15.19 -18.70	288.57 16.47 -89.13	300.99 17.96 -81.18	241.15 17.90 -38.68	258.24 14.54 -96.84	219.21 11.82 -96.91	118.60 8.67 -31.14	105.64 6.17 -39.56	77.68 4.95 -26.08
RAMAPO___LBMP 323565	49.88 2.61 -3.82	45.88 2.56 -1.38	43.43 2.36 -3.09	41.41 2.01 -6.43	42.38 1.93 -7.70	43.37 2.23 -3.89	44.25 2.43 -1.97	48.94 2.94 -2.81	53.88 3.40 -3.88	57.11 3.70 -5.98	71.24 4.51 -11.68	85.86 5.92 -6.87	102.81 8.13 -0.18	128.04 10.85 -0.53	134.49 10.23 -14.22	204.04 17.63 -11.84	229.98 18.48 -28.52	246.69 19.98 -24.86	213.79 17.72 -11.51	188.37 12.92 -28.58	147.37 8.29 -28.60	93.58 5.59 -9.19	76.02 4.43 -11.68	57.15 2.80 -7.70
RANKINE____ 23646	45.21 1.13 -0.63	42.93 0.76 -0.23	39.03 0.53 -0.51	34.42 0.40 -1.06	34.54 0.52 -1.26	38.33 0.45 -0.64	40.89 0.72 -0.32	43.96 0.30 -0.46	48.03 0.79 -0.64	49.88 1.47 -0.98	58.84 1.87 -1.92	75.88 1.68 -1.13	96.33 1.80 -0.03	120.48 3.73 -0.09	116.69 4.29 -2.36	179.67 3.14 -1.95	191.67 4.21 -4.49	209.11 3.23 -4.03	189.98 3.51 -1.91	155.58 3.97 -4.76	120.22 4.97 -4.76	84.58 4.25 -1.53	63.95 2.10 -1.94	49.57 1.63 -1.28
RAVENSWOOD_GT2_1 24244	50.56 3.09 -4.02	46.46 3.06 -1.45	44.13 2.89 -3.25	42.15 2.41 -6.77	43.22 2.36 -8.11	44.03 2.68 -4.10	44.79 2.87 -2.08	49.61 3.46 -2.96	54.74 4.05 -4.08	58.04 4.32 -6.29	72.58 5.23 -12.30	87.10 6.80 -7.23	103.95 9.26 -0.19	129.46 12.25 -0.56	136.24 11.22 -14.98	207.63 20.60 -12.47	234.52 21.41 -30.14	250.88 22.81 -26.23	216.81 20.12 -12.13	191.51 14.54 -30.11	149.89 9.28 -30.13	94.70 6.22 -9.68	77.24 5.03 -12.30	57.94 3.17 -8.11
RAVENSWOOD_GT2_2 24245	50.56 3.09 -4.02	46.46 3.06 -1.45	44.13 2.89 -3.25	42.15 2.41 -6.77	43.22 2.36 -8.11	44.03 2.68 -4.10	44.79 2.87 -2.08	49.61 3.46 -2.96	54.74 4.05 -4.08	58.04 4.32 -6.29	72.58 5.23 -12.30	87.10 6.80 -7.23	103.95 9.26 -0.19	129.46 12.25 -0.56	136.24 11.22 -14.98	207.63 20.60 -12.47	234.52 21.41 -30.14	250.88 22.81 -26.23	216.81 20.12 -12.13	191.51 14.54 -30.11	149.89 9.28 -30.13	94.70 6.22 -9.68	77.24 5.03 -12.30	57.94 3.17 -8.11
RAVENSWOOD_GT2_3 24246	50.56 3.09 -4.02	46.50 3.10 -1.45	44.16 2.93 -3.25	42.18 2.44 -6.77	43.25 2.39 -8.11	44.07 2.72 -4.10	44.83 2.91 -2.08	49.65 3.50 -2.96	54.79 4.10 -4.08	58.09 4.36 -6.29	72.64 5.29 -12.30	87.18 6.87 -7.23	104.04 9.36 -0.19	129.58 12.37 -0.56	136.35 11.33 -14.98	207.81 20.77 -12.47	234.70 21.59 -30.14	251.08 23.01 -26.23	217.00 20.30 -12.13	191.65 14.69 -30.11	150.00 9.39 -30.13	94.78 6.30 -9.68	77.30 5.09 -12.30	57.98 3.22 -8.11
RAVENSWOOD_GT2_4 24247	50.56 3.09 -4.02	46.50 3.10 -1.45	44.16 2.93 -3.25	42.18 2.44 -6.77	43.25 2.39 -8.11	44.07 2.72 -4.10	44.83 2.91 -2.08	49.65 3.50 -2.96	54.79 4.10 -4.08	58.09 4.36 -6.29	72.64 5.29 -12.30	87.18 6.87 -7.23	104.04 9.36 -0.19	129.58 12.37 -0.56	136.35 11.33 -14.98	207.81 20.77 -12.47	234.70 21.59 -30.14	251.08 23.01 -26.23	217.00 20.30 -12.13	191.65 14.69 -30.11	150.00 9.39 -30.13	94.78 6.30 -9.68	77.30 5.09 -12.30	57.98 3.22 -8.11
RAVENSWOOD_GT3_1 24248	50.56 3.09 -4.02	46.46 3.06 -1.45	44.13 2.89 -3.25	42.18 2.44 -6.77	43.22 2.36 -8.11	44.03 2.68 -4.10	44.83 2.91 -2.08	49.61 3.46 -2.96	54.74 4.05 -4.08	58.09 4.36 -6.29	72.58 5.23 -12.30	87.18 6.87 -7.23	103.95 9.26 -0.19	129.46 12.25 -0.56	136.35 11.33 -14.98	207.63 20.60 -12.47	234.52 21.41 -30.14	251.08 23.01 -26.23	217.00 20.30 -12.13	191.51 14.54 -30.11	149.89 9.28 -30.13	94.70 6.22 -9.68	77.30 5.09 -12.30	57.94 3.17 -8.11
RAVENSWOOD_GT3_2 24249	50.56 3.09 -4.02	46.46 3.06 -1.45	44.13 2.89 -3.25	42.18 2.44 -6.77	43.22 2.36 -8.11	44.03 2.68 -4.10	44.83 2.91 -2.08	49.61 3.46 -2.96	54.74 4.05 -4.08	58.09 4.36 -6.29	72.58 5.23 -12.30	87.18 6.87 -7.23	103.95 9.26 -0.19	129.46 12.25 -0.56	136.35 11.33 -14.98	207.63 20.60 -12.47	234.52 21.41 -30.14	251.08 23.01 -26.23	217.00 20.30 -12.13	191.51 14.54 -30.11	149.89 9.28 -30.13	94.70 6.22 -9.68	77.30 5.09 -12.30	57.94 3.17 -8.11
RAVENSWOOD_GT3_3 24250	50.65 3.17 -4.02	46.54 3.15 -1.45	44.20 2.96 -3.25	42.21 2.47 -6.77	43.28 2.42 -8.11	44.10 2.76 -4.10	44.91 2.99 -2.08	49.69 3.54 -2.96	54.84 4.15 -4.08	58.18 4.46 -6.29	72.75 5.40 -12.30	87.32 7.02 -7.23	104.23 9.54 -0.19	129.81 12.60 -0.56	136.57 11.55 -14.98	207.98 20.95 -12.47	235.07 21.96 -30.14	251.49 23.41 -26.23	217.36 20.67 -12.13	191.95 14.98 -30.11	150.22 9.61 -30.13	94.86 6.38 -9.68	77.42 5.21 -12.30	58.08 3.31 -8.11
RAVENSWOOD_GT3_4 24251	50.65 3.17 -4.02	46.54 3.15 -1.45	44.20 2.96 -3.25	42.21 2.47 -6.77	43.28 2.42 -8.11	44.10 2.76 -4.10	44.91 2.99 -2.08	49.69 3.54 -2.96	54.84 4.15 -4.08	58.18 4.46 -6.29	72.75 5.40 -12.30	87.32 7.02 -7.23	104.23 9.54 -0.19	129.81 12.60 -0.56	136.57 11.55 -14.98	207.98 20.95 -12.47	235.07 21.96 -30.14	251.49 23.41 -26.23	217.36 20.67 -12.13	191.95 14.98 -30.11	150.22 9.61 -30.13	94.86 6.38 -9.68	77.42 5.21 -12.30	58.08 3.31 -8.11
RAVENSWOOD_GT_1 23729	50.43 2.96 -4.02	46.42 3.02 -1.45	44.13 2.89 -3.25	42.18 2.44 -6.77	43.22 2.36 -8.11	43.95 2.61 -4.10	44.71 2.79 -2.08	49.47 3.33 -2.95	54.60 3.92 -4.07	57.94 4.22 -6.29	70.06 5.23 -9.77	84.79 6.65 -5.06	100.77 9.07 2.81	125.83 12.02 2.84	135.91 10.90 -14.98	207.63 20.59 -12.47	251.65 21.58 -47.10	250.88 22.80 -26.24	212.56 19.76 -8.24	184.96 14.10 -24.00	135.33 8.95 -15.90	88.94 5.91 -4.24	74.30 4.85 -9.54	55.60 3.03 -5.91
RAVENSWOOD_GT_10 24258	50.56 3.09 -4.02	46.46 3.06 -1.45	44.13 2.89 -3.25	42.18 2.44 -6.77	43.22 2.36 -8.11	44.07 2.72 -4.10	44.83 2.91 -2.08	49.65 3.50 -2.96	54.74 4.05 -4.08	58.09 4.36 -6.29	72.58 5.23 -12.30	87.18 6.87 -7.23	103.95 9.26 -0.19	129.58 12.37 -0.56	136.35 11.33 -14.98	207.63 20.60 -12.47	234.52 21.41 -30.14	251.08 23.01 -26.23	217.00 20.30 -12.13	191.51 14.54 -30.11	148.36 9.39 -28.49	94.70 6.22 -9.68	77.19 5.09 -12.19	57.98 3.22 -8.11
RAVENSWOOD_GT_11 24259	50.56 3.09 -4.02	46.46 3.06 -1.45	44.13 2.89 -3.25	42.18 2.44 -6.77	43.22 2.36 -8.11	44.06 2.72 -4.10	44.83 2.91 -2.08	49.61 3.46 -2.96	54.74 4.05 -4.08	58.09 4.36 -6.29	72.64 5.29 -12.30	87.17 6.87 -7.23	103.95 9.27 -0.19	129.57 12.36 -0.56	136.35 11.34 -14.98	207.63 20.59 -12.47	234.70 21.58 -30.14	251.08 23.00 -26.23	217.00 20.30 -12.13	191.51 14.54 -30.11	148.36 9.39 -28.49	94.70 6.22 -9.68	77.19 5.09 -12.20	57.98 3.22 -8.11



RAVENSWOOD_GT_4 24252	50.60 3.13 -4.02	46.50 3.10 -1.45	44.13 2.89 -3.25	42.18 2.44 -6.77	43.25 2.39 -8.11	44.07 2.72 -4.10	44.87 2.95 -2.08	49.69 3.54 -2.95	54.78 4.10 -4.08	58.13 4.41 -6.29	70.72 5.29 -10.38	85.60 6.94 -5.58	101.76 9.36 2.09	127.11 12.48 2.03	136.46 11.44 -14.98	207.64 20.60 -12.47	247.61 21.59 -43.05	251.29 23.21 -26.23	214.22 20.49 -9.17	187.00 14.69 -25.46	139.28 9.50 -19.29	90.71 6.38 -5.54	75.26 5.15 -10.20	56.36 3.27 -6.44
RAVENSWOOD_GT_5 24254	50.60 3.13 -4.02	46.50 3.10 -1.45	44.13 2.89 -3.25	42.18 2.44 -6.77	43.25 2.39 -8.11	44.07 2.72 -4.10	44.87 2.95 -2.08	49.69 3.54 -2.95	54.78 4.10 -4.08	58.13 4.41 -6.29	70.72 5.29 -10.38	85.60 6.94 -5.58	101.76 9.36 2.09	127.11 12.48 2.03	136.46 11.44 -14.98	207.64 20.60 -12.47	247.61 21.59 -43.05	251.29 23.21 -26.23	214.22 20.49 -9.17	187.00 14.69 -25.46	139.28 9.50 -19.29	90.71 6.38 -5.54	75.26 5.15 -10.20	56.36 3.27 -6.44
RAVENSWOOD_GT_6 24253	50.60 3.13 -4.02	46.50 3.10 -1.45	44.13 2.89 -3.25	42.18 2.44 -6.77	43.25 2.39 -8.11	44.07 2.72 -4.10	44.87 2.95 -2.08	49.69 3.54 -2.95	54.78 4.10 -4.08	58.13 4.41 -6.29	70.72 5.29 -10.38	85.60 6.94 -5.58	101.76 9.36 2.09	127.11 12.48 2.03	136.46 11.44 -14.98	207.64 20.60 -12.47	247.61 21.59 -43.05	251.29 23.21 -26.23	214.22 20.49 -9.17	187.00 14.69 -25.46	139.28 9.50 -19.29	90.71 6.38 -5.54	75.26 5.15 -10.20	56.36 3.27 -6.44
RAVENSWOOD_GT_7 24255	50.60 3.13 -4.02	46.50 3.10 -1.45	44.13 2.89 -3.25	42.18 2.44 -6.77	43.25 2.39 -8.11	44.07 2.72 -4.10	44.87 2.95 -2.08	49.69 3.54 -2.95	54.78 4.10 -4.08	58.13 4.41 -6.29	70.72 5.29 -10.38	85.60 6.94 -5.58	101.76 9.36 2.09	127.11 12.48 2.03	136.46 11.44 -14.98	207.64 20.60 -12.47	247.61 21.59 -43.05	251.29 23.21 -26.23	214.22 20.49 -9.17	187.00 14.69 -25.46	139.28 9.50 -19.29	90.71 6.38 -5.54	75.26 5.15 -10.20	56.36 3.27 -6.44
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	50.56 3.09 -4.02	46.46 3.06 -1.45	44.13 2.89 -3.25	42.18 2.44 -6.77	43.22 2.36 -8.11	44.07 2.72 -4.10	44.83 2.91 -2.08	49.65 3.50 -2.96	54.74 4.05 -4.08	58.09 4.36 -6.29	72.58 5.23 -12.30	87.18 6.87 -7.23	103.95 9.26 -0.19	129.58 12.37 -0.56	136.35 11.33 -14.98	207.63 20.60 -12.47	234.52 21.41 -30.14	251.08 23.01 -26.23	217.00 20.30 -12.13	191.51 14.54 -30.11	148.36 9.39 -28.49	94.70 6.22 -9.68	77.19 5.09 -12.19	57.98 3.22 -8.11
RAVENSWOOD_GT_9 24257	50.56 3.09 -4.02	46.46 3.06 -1.45	44.13 2.89 -3.25	42.18 2.44 -6.77	43.22 2.36 -8.11	44.07 2.72 -4.10	44.83 2.91 -2.08	49.65 3.50 -2.96	54.74 4.05 -4.08	58.09 4.36 -6.29	72.58 5.23 -12.30	87.18 6.87 -7.23	103.95 9.26 -0.19	129.58 12.37 -0.56	136.35 11.33 -14.98	207.63 20.60 -12.47	234.52 21.41 -30.14	251.08 23.01 -26.23	217.00 20.30 -12.13	191.51 14.54 -30.11	148.36 9.39 -28.49	94.70 6.22 -9.68	77.19 5.09 -12.19	57.98 3.22 -8.11
RAVENSWOOD___1 23533	50.38 2.91 -4.02	46.38 2.98 -1.45	44.13 2.89 -3.25	42.14 2.41 -6.77	43.18 2.33 -8.11	43.95 2.61 -4.10	44.71 2.79 -2.08	49.42 3.28 -2.95	54.55 3.87 -4.07	57.89 4.17 -6.29	66.64 5.17 -6.41	81.85 6.58 -2.19	96.70 8.98 6.78	121.21 11.91 7.35	135.80 10.79 -14.97	207.63 20.59 -12.47	234.70 21.58 -30.14	250.68 22.60 -26.23	207.19 19.55 -3.08	176.72 13.96 -15.90	133.00 8.84 -13.68	81.73 5.91 2.97	71.70 4.85 -6.95	52.69 3.03 -3.00
RAVENSWOOD___2 23534	49.99 2.52 -4.02	46.21 2.81 -1.45	44.05 2.81 -3.25	42.08 2.34 -6.77	43.12 2.26 -8.11	43.88 2.53 -4.10	44.63 2.71 -2.08	49.12 2.98 -2.95	54.13 3.45 -4.07	57.46 3.75 -6.29	66.05 4.68 -6.32	81.11 5.92 -2.11	95.74 8.13 6.89	120.04 10.85 7.47	134.80 9.79 -14.97	206.07 19.03 -12.47	233.06 19.95 -30.14	248.87 20.79 -26.23	205.40 17.90 -2.94	175.18 12.63 -15.68	131.95 7.85 -13.62	80.82 5.20 3.17	71.10 4.32 -6.88	52.19 2.61 -2.92
RAVENSWOOD___3 23535	50.56 3.09 -4.02	46.46 3.06 -1.45	44.13 2.89 -3.25	42.18 2.44 -6.77	43.22 2.36 -8.11	44.03 2.68 -4.10	44.83 2.91 -2.08	49.61 3.46 -2.96	54.74 4.05 -4.08	58.04 4.32 -6.29	72.64 5.29 -12.30	87.17 6.87 -7.23	103.95 9.27 -0.19	129.46 12.25 -0.56	136.35 11.34 -14.98	207.63 20.59 -12.47	234.70 21.58 -30.14	251.08 23.00 -26.23	217.00 20.30 -12.13	191.51 14.54 -30.11	149.90 9.28 -30.13	94.70 6.22 -9.68	77.30 5.09 -12.30	57.98 3.22 -8.11
RAVENSWOOD___4 23820	50.34 2.87 -4.02	46.33 2.94 -1.45	44.09 2.85 -3.25	42.11 2.38 -6.77	43.18 2.33 -8.11	43.91 2.57 -4.10	44.67 2.75 -2.08	49.38 3.24 -2.95	54.50 3.82 -4.07	57.84 4.12 -6.28	63.17 5.12 -3.00	78.85 6.50 0.72	92.57 8.88 10.81	116.51 11.78 11.92	135.80 10.79 -14.97	207.44 20.41 -12.46	217.82 21.40 -13.45	250.47 22.40 -26.22	201.96 19.55 2.16	168.35 13.80 -7.69	130.63 8.73 -11.42	74.33 5.83 10.29	69.02 4.79 -4.32	49.69 2.99 -0.04
RCPL_TRUST___DRP 24196	50.65 3.17 -4.02	46.54 3.15 -1.45	44.16 2.93 -3.25	42.21 2.47 -6.77	43.28 2.42 -8.11	44.10 2.76 -4.10	44.91 2.99 -2.08	49.74 3.58 -2.96	54.88 4.19 -4.08	58.32 4.60 -6.29	72.86 5.51 -12.29	87.61 7.31 -7.23	104.52 9.83 -0.19	130.16 12.95 -0.56	136.90 11.88 -14.98	208.33 21.30 -12.47	235.43 22.32 -30.14	252.09 24.02 -26.23	217.92 21.22 -12.13	192.24 15.27 -30.11	150.44 9.83 -30.13	95.01 6.54 -9.68	77.48 5.27 -12.30	58.12 3.36 -8.11
RED___ROCHESTER 323720	45.51 1.61 -0.45	43.58 1.47 -0.17	39.50 1.14 -0.37	34.64 0.89 -0.78	34.63 0.95 -0.93	38.73 1.01 -0.47	41.32 1.24 -0.24	44.61 1.08 -0.34	48.66 1.59 -0.47	50.05 1.90 -0.72	59.06 2.59 -1.41	76.91 3.00 -0.83	97.74 3.21 -0.02	120.91 4.19 -0.06	116.29 4.62 -1.63	182.80 6.80 -1.43	192.28 6.22 -3.09	210.48 5.86 -2.78	191.23 5.36 -1.31	155.28 5.14 -3.28	119.07 5.30 -3.28	84.17 4.33 -1.05	63.70 2.46 -1.34	49.54 2.00 -0.88
REGAN___SOLAR 323812	58.82 5.82 -9.54	49.19 5.03 -2.21	47.26 4.33 -4.94	46.83 3.56 -10.30	48.79 3.70 -12.34	47.69 4.21 -6.23	47.79 4.78 -3.16	52.14 4.45 -4.50	57.62 4.80 -6.21	61.85 4.84 -9.58	79.38 5.62 -18.71	94.01 9.94 -11.00	108.11 13.33 -0.28	132.08 13.76 -1.67	167.87 12.87 -44.96	215.75 20.59 -20.60	289.53 22.87 -83.69	304.46 26.64 -75.97	245.97 25.29 -36.12	258.08 20.85 -90.37	219.04 18.12 -90.43	120.38 12.53 -29.06	105.75 8.93 -36.92	78.13 7.14 -24.34
RENSSELAER___COGEN 23796	52.22 1.56 -7.21	45.28 1.47 -1.86	43.48 1.33 -4.16	42.77 1.12 -8.67	44.26 1.11 -10.39	43.73 1.23 -5.25	43.90 1.39 -2.66	48.41 1.42 -3.79	53.51 1.68 -5.23	57.06 1.56 -8.07	72.57 1.76 -15.76	84.68 2.34 -9.27	98.05 3.31 -0.24	122.06 4.19 -1.20	146.39 3.85 -32.51	197.63 6.11 -16.95	248.99 6.40 -59.61	263.28 6.87 -54.56	216.72 6.08 -26.08	216.90 4.70 -65.34	179.18 3.31 -65.39	102.32 2.52 -21.01	88.64 2.04 -26.69	65.75 1.49 -17.60
REPUBLIC_115KV_BARTNBRK 55605	60.57 7.43 -9.69	50.13 6.25 -1.94	47.72 5.39 -4.33	46.41 4.42 -9.02	48.18 4.62 -10.81	47.89 5.18 -5.46	48.55 5.94 -2.77	52.79 5.66 -3.95	58.67 6.62 -5.44	63.03 7.21 -8.39	79.65 8.20 -16.39	95.14 12.42 -9.64	111.10 16.35 -0.25	138.39 19.95 -1.78	177.64 19.59 -48.02	223.10 29.85 -18.68	304.16 32.39 -88.80	318.47 35.73 -80.90	257.44 34.33 -38.55	271.14 27.76 -96.52	229.72 22.65 -96.58	125.90 16.07 -31.04	110.54 11.20 -39.43	81.89 9.24 -26.00

REVERE_CPPR_DRP 24186	45.32 1.78 -0.08	43.69 1.68 -0.07	39.51 1.37 -0.16	34.42 1.12 -0.32	34.28 1.15 -0.39	38.90 1.45 -0.20	41.50 1.55 -0.10	45.06 1.73 -0.14	48.76 1.96 -0.20	49.82 2.09 -0.30	60.76 2.59 -3.12	81.98 3.51 -5.39	108.59 4.35 -9.74	144.10 5.25 -22.20	134.40 5.17 -19.20	194.56 7.51 -12.49	203.61 8.60 -12.03	225.80 9.69 -14.26	205.97 9.23 -12.18	181.19 7.78 -26.55	140.35 6.19 -23.68	98.09 4.10 -15.20	73.28 3.59 -9.78	49.22 2.57 0.00
REYNOLDS_115KV_TB3 80639	52.91 1.96 -7.50	45.74 1.93 -1.87	43.91 1.75 -4.17	43.14 1.48 -8.69	44.63 1.47 -10.41	44.15 1.64 -5.26	44.34 1.83 -2.67	48.85 1.86 -3.80	54.04 2.19 -5.24	57.69 2.18 -8.08	73.31 2.48 -15.78	85.57 3.22 -9.28	99.28 4.54 -0.24	123.65 5.72 -1.27	149.83 5.39 -34.40	200.06 8.38 -17.11	254.42 8.60 -62.85	268.97 9.49 -57.64	220.45 8.31 -27.58	222.61 6.61 -69.14	184.42 4.75 -69.19	104.49 3.47 -22.24	90.91 2.76 -28.25	67.28 2.01 -18.62
RIVERBAY____ 323610	50.92 3.43 -4.03	46.97 3.57 -1.46	44.63 3.38 -3.26	42.51 2.77 -6.77	43.54 2.69 -8.11	44.21 2.87 -4.10	44.75 2.83 -2.08	49.47 3.33 -2.95	54.73 4.05 -4.07	58.17 4.46 -6.29	72.85 5.51 -12.29	87.68 7.38 -7.22	104.70 10.02 -0.18	129.81 12.60 -0.55	136.56 11.55 -14.97	208.86 21.82 -12.47	235.80 22.69 -30.14	252.09 24.02 -26.23	217.74 21.04 -12.14	192.09 15.13 -30.10	150.44 9.83 -30.12	95.02 6.54 -9.69	77.61 5.39 -12.31	58.18 3.41 -8.12
RIVERSDE_115KV_TB3 55908	52.90 1.87 -7.58	45.62 1.80 -1.87	43.77 1.60 -4.19	43.04 1.35 -8.72	44.54 1.34 -10.45	44.05 1.53 -5.28	44.23 1.71 -2.68	48.73 1.73 -3.81	53.91 2.05 -5.26	57.58 2.04 -8.11	73.21 2.31 -15.84	85.46 3.07 -9.31	99.09 4.35 -0.24	123.43 5.48 -1.29	149.96 5.06 -34.86	199.80 8.03 -17.20	255.11 8.23 -63.90	269.43 9.08 -58.50	220.46 7.94 -27.96	223.25 6.32 -70.07	185.13 4.53 -70.12	104.63 3.31 -22.53	91.17 2.64 -28.63	67.44 1.91 -18.87
ROARING__BROOK_WT_PWR 323790	42.71 -0.74 0.00	41.19 -0.75 0.00	37.34 -0.65 0.00	32.44 -0.53 0.00	32.22 -0.53 0.00	36.65 -0.60 0.00	39.17 -0.68 0.00	42.50 -0.69 0.00	45.86 -0.75 0.00	46.58 -0.85 0.00	53.24 -1.05 0.77	65.26 -1.68 6.14	82.18 -2.27 10.05	99.11 -3.03 14.51	108.38 -2.97 -1.31	187.46 -4.89 -17.78	201.81 -5.12 -23.96	221.38 -5.25 -24.79	204.61 -4.61 -24.65	136.46 -3.67 6.74	96.06 -2.87 11.55	72.06 -2.12 4.60	55.51 -1.44 2.96	45.67 -0.98 0.00
ROCHESRG_115KV_T4 355643	44.94 1.04 -0.44	42.99 0.88 -0.17	38.97 0.61 -0.37	34.21 0.46 -0.77	34.20 0.52 -0.93	38.24 0.52 -0.47	40.80 0.72 -0.24	44.00 0.48 -0.34	47.96 0.89 -0.47	49.43 1.28 -0.72	58.22 1.76 -1.40	75.51 1.61 -0.83	96.13 1.61 -0.02	118.94 2.22 -0.06	114.29 2.64 -1.62	179.65 3.67 -1.42	188.78 2.74 -3.06	206.62 2.02 -2.76	187.90 2.03 -1.30	152.61 2.50 -3.25	117.05 3.31 -3.26	82.83 2.99 -1.05	62.73 1.50 -1.33	48.65 1.12 -0.88
ROCHESTER_9_IC 23652	45.29 1.39 -0.45	43.29 1.17 -0.17	39.28 0.91 -0.37	34.44 0.69 -0.78	34.43 0.75 -0.93	38.50 0.78 -0.47	41.08 1.00 -0.24	44.31 0.78 -0.34	48.33 1.26 -0.47	49.81 1.66 -0.72	58.73 2.26 -1.41	76.10 2.19 -0.83	96.98 2.46 -0.02	120.10 3.38 -0.06	115.41 3.74 -1.63	181.41 5.41 -1.43	190.82 4.76 -3.09	208.86 4.24 -2.78	189.75 3.88 -1.31	154.11 3.97 -3.28	118.19 4.42 -3.28	83.55 3.70 -1.06	63.28 2.04 -1.34	49.08 1.54 -0.88
ROCKVIEW_13_KV_LD 356306	50.78 3.30 -4.02	46.63 3.23 -1.45	44.24 3.00 -3.25	42.28 2.54 -6.77	43.35 2.49 -8.11	44.21 2.87 -4.10	45.03 3.11 -2.08	49.82 3.67 -2.96	54.98 4.29 -4.08	58.37 4.65 -6.29	72.97 5.62 -12.30	87.69 7.38 -7.23	104.61 9.92 -0.19	130.28 13.07 -0.56	137.23 12.21 -14.98	208.16 21.12 -12.47	235.25 22.14 -30.14	251.89 23.82 -26.23	218.10 21.41 -12.13	192.54 15.57 -30.11	150.89 10.27 -30.13	95.49 7.01 -9.68	77.78 5.57 -12.30	58.36 3.59 -8.11
ROME____115KV_TB2 80656	45.32 1.78 -0.08	43.69 1.68 -0.07	39.51 1.37 -0.16	34.42 1.12 -0.32	34.28 1.15 -0.39	38.90 1.45 -0.20	41.50 1.55 -0.10	45.06 1.73 -0.14	48.76 1.96 -0.20	49.82 2.09 -0.30	60.76 2.59 -3.12	81.98 3.51 -5.39	108.59 4.35 -9.74	144.10 5.25 -22.20	134.40 5.17 -19.20	194.56 7.51 -12.49	203.61 8.60 -12.03	225.80 9.69 -14.26	205.97 9.23 -12.18	181.19 7.78 -26.55	140.35 6.19 -23.68	98.09 4.10 -15.20	73.28 3.59 -9.78	49.22 2.57 0.00
ROSETON__1 23587	50.07 2.61 -4.01	45.96 2.56 -1.45	43.59 2.36 -3.25	41.75 2.01 -6.76	42.82 1.96 -8.11	43.58 2.23 -4.10	44.35 2.43 -2.08	49.00 2.85 -2.96	54.00 3.31 -4.08	57.28 3.56 -6.29	71.69 4.35 -12.29	85.93 5.63 -7.23	102.15 7.46 -0.19	126.89 9.68 -0.55	133.95 9.02 -14.89	202.39 15.37 -12.46	228.88 16.11 -29.80	245.21 17.36 -26.01	211.93 15.31 -12.05	188.10 11.31 -29.93	147.95 7.52 -29.95	93.70 5.28 -9.63	76.39 4.25 -12.23	57.47 2.75 -8.06
ROSETON__2 23588	50.07 2.61 -4.01	45.96 2.56 -1.45	43.59 2.36 -3.25	41.75 2.01 -6.76	42.82 1.96 -8.11	43.58 2.23 -4.10	44.35 2.43 -2.08	49.00 2.85 -2.96	54.00 3.31 -4.08	57.28 3.56 -6.29	71.69 4.35 -12.29	85.93 5.63 -7.23	102.15 7.46 -0.19	126.89 9.68 -0.55	133.95 9.02 -14.89	202.39 15.37 -12.46	228.88 16.11 -29.80	245.21 17.36 -26.01	211.93 15.31 -12.05	188.10 11.31 -29.93	147.95 7.52 -29.95	93.70 5.28 -9.63	76.39 4.25 -12.23	57.47 2.75 -8.06
ROTTTRDAM_115KV_TB3 80664	56.04 2.43 -10.16	46.13 2.22 -1.96	44.36 1.98 -4.39	43.80 1.68 -9.15	45.41 1.70 -10.96	44.69 1.90 -5.54	44.76 2.11 -2.81	49.35 2.16 -4.00	54.64 2.52 -5.52	58.59 2.66 -8.51	74.75 3.08 -16.62	87.09 4.24 -9.77	100.42 5.67 -0.25	125.54 7.00 -1.88	167.38 6.49 -50.85	204.14 10.47 -19.09	288.53 10.98 -94.58	299.85 12.11 -85.89	236.48 11.07 -40.85	257.89 8.81 -102.21	219.39 6.63 -102.28	116.47 4.81 -32.87	105.32 3.65 -41.76	76.89 2.71 -27.53
RUSSELL__1 23602	45.60 1.69 -0.45	43.58 1.47 -0.17	39.50 1.14 -0.37	34.64 0.89 -0.78	34.63 0.95 -0.93	38.73 1.01 -0.47	41.32 1.24 -0.24	44.57 1.04 -0.34	48.66 1.58 -0.47	50.15 1.99 -0.72	59.11 2.64 -1.41	76.61 2.70 -0.83	97.64 3.12 -0.02	120.92 4.20 -0.06	116.29 4.62 -1.63	182.98 6.98 -1.43	192.29 6.22 -3.09	210.48 5.85 -2.78	191.23 5.35 -1.31	155.28 5.14 -3.28	119.07 5.30 -3.29	84.18 4.33 -1.06	63.70 2.46 -1.34	49.45 1.91 -0.88
RUSSELL__2 23532	45.60 1.69 -0.45	43.58 1.47 -0.17	39.50 1.14 -0.37	34.64 0.89 -0.78	34.63 0.95 -0.93	38.73 1.01 -0.47	41.32 1.24 -0.24	44.57 1.04 -0.34	48.66 1.58 -0.47	50.15 1.99 -0.72	59.11 2.64 -1.41	76.61 2.70 -0.83	97.64 3.12 -0.02	120.92 4.20 -0.06	116.29 4.62 -1.63	182.98 6.98 -1.43	192.29 6.22 -3.09	210.48 5.85 -2.78	191.23 5.35 -1.31	155.28 5.14 -3.28	119.07 5.30 -3.29	84.18 4.33 -1.06	63.70 2.46 -1.34	49.45 1.91 -0.88
RUSSELL__3 23549	45.60 1.69 -0.45	43.58 1.47 -0.17	39.50 1.14 -0.37	34.64 0.89 -0.78	34.63 0.95 -0.93	38.73 1.01 -0.47	41.32 1.24 -0.24	44.57 1.04 -0.34	48.66 1.58 -0.47	50.15 1.99 -0.72	59.11 2.64 -1.41	76.61 2.70 -0.83	97.64 3.12 -0.02	120.92 4.20 -0.06	116.29 4.62 -1.63	182.98 6.98 -1.43	192.29 6.22 -3.09	210.48 5.85 -2.78	191.23 5.35 -1.31	155.28 5.14 -3.28	119.07 5.30 -3.29	84.18 4.33 -1.06	63.70 2.46 -1.34	49.45 1.91 -0.88

RUSSELL___4 23556	45.60 1.69 -0.45	43.58 1.47 -0.17	39.50 1.14 -0.37	34.64 0.89 -0.78	34.63 0.95 -0.93	38.73 1.01 -0.47	41.32 1.24 -0.24	44.57 1.04 -0.34	48.66 1.58 -0.47	50.15 1.99 -0.72	59.11 2.64 -1.41	76.61 2.70 -0.83	97.64 3.12 -0.02	120.92 4.20 -0.06	116.29 4.62 -1.63	182.98 6.98 -1.43	192.29 6.22 -3.09	210.48 5.85 -2.78	191.23 5.35 -1.31	155.28 5.14 -3.28	119.07 5.30 -3.29	84.18 4.33 -1.06	63.70 2.46 -1.34	49.45 1.91 -0.88
RUSSELL___STATION 23914	45.60 1.69 -0.45	43.58 1.47 -0.17	39.50 1.14 -0.37	34.64 0.89 -0.78	34.63 0.95 -0.93	38.73 1.01 -0.47	41.32 1.24 -0.24	44.57 1.04 -0.34	48.66 1.58 -0.47	50.15 1.99 -0.72	59.11 2.64 -1.41	76.61 2.70 -0.83	97.64 3.12 -0.02	120.92 4.20 -0.06	116.29 4.62 -1.63	182.98 6.98 -1.43	192.29 6.22 -3.09	210.48 5.85 -2.78	191.23 5.35 -1.31	155.28 5.14 -3.28	119.07 5.30 -3.29	84.18 4.33 -1.06	63.70 2.46 -1.34	49.45 1.91 -0.88
S SALMON___HYD 24043	43.66 0.09 -0.12	42.13 0.08 -0.10	38.17 -0.04 -0.22	33.33 -0.10 -0.46	33.23 -0.07 -0.55	37.49 -0.04 -0.28	40.03 0.04 -0.14	43.31 -0.09 -0.20	46.88 0.00 -0.28	48.00 0.14 -0.43	59.33 0.28 -4.00	80.34 0.07 -7.19	109.34 0.00 -14.84	150.98 0.00 -34.32	137.86 0.33 -27.50	195.16 0.00 -20.59	202.21 0.18 -19.06	223.92 0.40 -21.67	204.74 0.56 -19.62	189.23 1.32 -41.05	146.82 1.43 -34.90	99.05 1.26 -19.01	73.16 1.02 -12.23	47.31 0.65 0.00
S.PERRY___115KV_TB1 80734	45.76 1.65 -0.65	43.61 1.43 -0.23	39.61 1.10 -0.52	34.92 0.86 -1.09	35.00 0.95 -1.30	38.95 1.04 -0.66	41.41 1.24 -0.33	44.27 0.60 -0.48	47.96 0.70 -0.66	49.63 1.19 -1.01	56.98 -0.06 -1.98	72.34 -1.90 -1.16	91.13 -3.40 -0.03	114.88 -1.87 -0.09	111.60 -0.88 -2.45	173.44 -3.14 -2.01	184.69 -2.93 -4.64	203.40 -2.62 -4.18	186.72 0.18 -1.97	154.87 3.08 -4.93	119.50 4.09 -4.93	83.92 3.55 -1.59	63.72 1.80 -2.01	49.15 1.17 -1.33
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	45.05 1.00 -0.60	42.79 0.63 -0.22	38.93 0.46 -0.49	34.31 0.33 -1.01	34.39 0.43 -1.21	38.20 0.34 -0.61	40.75 0.60 -0.31	43.72 0.09 -0.44	47.73 0.51 -0.61	49.51 1.14 -0.94	58.38 1.49 -1.84	75.18 1.02 -1.08	95.29 0.76 -0.03	118.49 1.75 -0.08	114.58 2.31 -2.24	177.31 0.87 -1.87	188.14 0.91 -4.26	205.27 -0.40 -3.83	186.56 0.18 -1.81	152.85 1.47 -4.52	118.32 3.31 -4.52	83.47 3.23 -1.45	63.13 1.38 -1.85	48.99 1.12 -1.22
SAWYER___23_KV_LOAD 55526	45.05 1.00 -0.60	42.79 0.63 -0.22	38.93 0.46 -0.49	34.31 0.33 -1.01	34.39 0.43 -1.21	38.20 0.34 -0.61	40.75 0.60 -0.31	43.72 0.09 -0.44	47.73 0.51 -0.61	49.51 1.14 -0.94	58.38 1.49 -1.84	75.18 1.02 -1.08	95.29 0.76 -0.03	118.49 1.75 -0.08	114.58 2.31 -2.24	177.31 0.87 -1.87	188.14 0.91 -4.26	205.27 -0.40 -3.83	186.56 0.18 -1.81	152.85 1.47 -4.52	118.32 3.31 -4.52	83.47 3.23 -1.45	63.13 1.38 -1.85	48.99 1.12 -1.22
SELKIRK___I 23801	52.05 2.17 -6.42	45.79 2.01 -1.83	43.86 1.79 -4.09	43.00 1.52 -8.51	44.49 1.54 -10.20	44.12 1.71 -5.15	44.33 1.87 -2.61	48.81 1.90 -3.72	53.93 2.19 -5.13	57.29 1.95 -7.92	71.73 1.21 -15.47	83.78 1.61 -9.10	96.91 2.18 -0.23	118.72 2.69 0.62	132.81 2.42 -20.35	172.64 3.84 5.76	224.42 4.02 -37.42	239.76 4.44 -33.48	204.24 3.88 -15.80	189.34 3.09 -39.39	168.56 2.43 -55.65	98.65 1.97 -17.89	84.25 1.62 -22.72	63.74 2.10 -14.98
SELKIRK___II 23799	51.83 1.74 -6.64	45.48 1.68 -1.85	43.61 1.48 -4.14	42.89 1.28 -8.63	44.37 1.28 -10.34	43.89 1.42 -5.22	44.05 1.55 -2.65	48.61 1.64 -3.77	53.72 1.91 -5.20	57.02 1.56 -8.03	72.44 1.71 -15.68	84.56 2.27 -9.22	97.67 2.93 -0.24	115.29 3.62 4.99	115.29 3.30 -1.96	115.29 5.42 64.70	191.34 5.48 -2.88	208.05 5.86 -0.35	189.30 5.16 0.42	149.20 3.97 1.63	171.46 2.87 -58.10	99.75 2.29 -18.67	85.54 1.92 -23.72	63.69 1.40 -15.64
SENECA OSWGO___HYD 24041	43.23 -0.35 -0.13	41.68 -0.38 -0.11	37.82 -0.42 -0.25	33.09 -0.39 -0.51	33.00 -0.36 -0.62	37.15 -0.41 -0.31	39.64 -0.36 -0.16	42.94 -0.47 -0.22	46.59 -0.32 -0.31	47.77 -0.14 -0.48	56.92 -0.05 -1.92	75.75 0.07 -2.60	102.43 0.09 -7.84	136.05 0.00 -19.40	126.39 0.22 -16.13	197.89 0.17 -23.14	206.03 0.18 -22.87	226.19 0.00 -24.35	208.59 0.18 -23.84	173.93 0.59 -26.48	129.20 0.56 -18.17	85.38 0.63 -5.96	63.86 0.12 -3.84	46.66 0.00 0.00
SENECA___115KV_TB3 355854	45.26 1.17 -0.63	43.01 0.84 -0.23	39.10 0.61 -0.51	34.49 0.46 -1.06	34.60 0.59 -1.26	38.41 0.52 -0.64	40.97 0.80 -0.32	44.04 0.39 -0.46	48.13 0.89 -0.64	49.98 1.57 -0.98	59.01 2.04 -1.92	76.10 1.90 -1.13	96.61 2.08 -0.03	120.83 4.08 -0.09	117.02 4.62 -2.36	180.02 3.49 -1.95	192.22 4.76 -4.49	209.51 3.63 -4.03	190.53 4.06 -1.91	156.03 4.41 -4.76	120.55 5.30 -4.76	84.73 4.41 -1.53	64.07 2.22 -1.94	49.66 1.73 -1.28
SENECA___ENERGY 23797	44.49 0.56 -0.48	42.58 0.46 -0.18	38.68 0.30 -0.39	33.99 0.20 -0.82	33.99 0.26 -0.98	38.08 0.33 -0.49	40.61 0.52 -0.25	43.98 0.43 -0.36	47.75 0.65 -0.49	49.14 0.95 -0.76	58.37 1.27 -2.05	75.70 1.75 -0.87	98.50 2.26 -1.74	126.95 3.03 -7.26	122.84 3.30 -9.51	188.15 4.37 -9.22	198.83 4.58 -11.28	217.88 4.84 -11.20	199.32 4.99 -9.78	165.28 4.56 -13.87	125.43 3.76 -11.19	86.22 2.92 -4.52	64.96 1.44 -3.62	48.59 0.98 -0.95
SHOEMAKER___GT 23640	49.41 2.39 -3.57	45.58 2.35 -1.29	43.00 2.13 -2.88	40.79 1.81 -6.00	41.64 1.70 -7.19	42.82 1.94 -3.63	43.80 2.11 -1.84	48.36 2.55 -2.62	53.16 2.94 -3.62	56.14 3.13 -5.58	69.87 3.91 -10.91	84.60 5.11 -6.41	101.56 6.89 -0.17	126.26 9.11 -0.49	131.80 8.47 -13.29	200.11 14.48 -11.06	224.71 15.18 -26.56	241.59 16.55 -23.19	210.26 14.94 -10.75	184.88 11.31 -26.71	144.83 7.62 -26.73	92.58 5.20 -8.59	74.89 4.08 -10.91	56.46 2.61 -7.19
SHOEMAKR_138KV_BK 111 55601	49.33 2.35 -3.54	45.53 2.31 -1.28	42.94 2.09 -2.86	40.70 1.78 -5.95	41.55 1.67 -7.13	42.75 1.90 -3.60	43.78 2.11 -1.83	48.30 2.51 -2.60	53.08 2.89 -3.59	56.09 3.13 -5.53	69.71 3.85 -10.81	84.47 5.04 -6.35	101.56 6.90 -0.16	126.25 9.10 -0.49	131.78 8.58 -13.17	200.01 14.49 -10.96	224.65 15.37 -26.30	241.37 16.55 -22.97	210.17 14.95 -10.65	184.48 11.16 -26.46	144.48 7.51 -26.48	92.42 5.12 -8.51	74.73 4.01 -10.81	56.35 2.57 -7.13
SHOREHAM_IC_1 23715	61.66 4.82 -13.38	53.72 4.70 -7.08	47.25 4.44 -4.82	43.28 3.53 -6.78	44.38 3.51 -8.13	45.30 3.95 -4.11	46.03 4.10 -2.08	50.86 4.71 -2.96	66.05 6.01 -13.43	72.85 6.31 -19.11	125.10 7.15 -62.89	144.35 9.13 -62.14	152.07 11.72 -45.86	164.47 15.05 -32.76	255.05 13.75 -131.26	280.29 18.86 -86.86	255.09 19.59 -52.53	313.21 21.39 -89.98	252.90 19.01 -49.32	271.48 18.65 -105.96	151.47 10.83 -30.15	147.33 9.06 -59.49	135.63 7.73 -67.99	135.06 5.36 -83.04
SHOREHAM_IC_2 23716	61.66 4.82 -13.38	53.72 4.70 -7.08	47.25 4.44 -4.82	43.28 3.53 -6.78	44.38 3.51 -8.13	45.30 3.95 -4.11	46.03 4.10 -2.08	50.86 4.71 -2.96	66.05 6.01 -13.43	72.85 6.31 -19.11	125.10 7.15 -62.89	144.35 9.13 -62.14	152.07 11.72 -45.86	164.47 15.05 -32.76	255.05 13.75 -131.26	280.29 18.86 -86.86	255.09 19.59 -52.53	313.21 21.39 -89.98	252.90 19.01 -49.32	271.48 18.65 -105.96	151.47 10.83 -30.15	147.33 9.06 -59.49	135.63 7.73 -67.99	135.06 5.36 -83.04

SISSONVILLE____ 23735	41.02 -2.43 0.00	39.76 -2.18 0.00	36.13 -1.86 0.00	31.45 -1.52 0.00	31.21 -1.54 0.00	35.50 -1.75 0.00	37.77 -2.07 0.00	40.86 -2.33 0.00	43.76 -2.84 0.00	44.16 -3.27 0.00	40.66 -4.07 10.32	34.87 -5.41 32.80	25.77 -7.94 60.79	2.13 -10.03 104.50	14.84 -9.68 85.51	43.07 -15.01 116.49	38.50 -15.37 129.11	34.94 -16.96 149.95	39.00 -15.13 130.43	0.20 -10.43 136.24	0.10 -7.73 102.65	11.15 -5.59 62.04	16.56 -3.41 39.93	44.37 -2.29 0.00
SITHE_IND_GS1 24169	42.47 -1.08 -0.10	40.94 -1.09 -0.09	37.16 -1.02 -0.20	32.46 -0.92 -0.41	32.35 -0.88 -0.49	36.49 -1.00 -0.25	38.93 -1.04 -0.13	42.21 -1.16 -0.18	45.73 -1.12 -0.25	46.81 -1.00 -0.38	54.75 -1.05 -0.74	72.12 -1.39 -0.43	80.69 -1.89 11.92	81.88 -2.33 32.45	81.53 -2.09 26.41	118.11 -3.49 52.97	123.95 -3.66 55.37	140.47 -4.25 57.12	122.51 -3.88 58.17	95.12 -2.79 48.94	81.46 -1.99 27.04	77.61 -1.18 0.00	58.77 -1.14 0.00	45.67 -0.98 0.00
SITHE_IND_GS2 24170	42.47 -1.08 -0.10	40.94 -1.09 -0.09	37.16 -1.02 -0.20	32.46 -0.92 -0.41	32.35 -0.88 -0.49	36.49 -1.00 -0.25	38.93 -1.04 -0.13	42.21 -1.16 -0.18	45.73 -1.12 -0.25	46.81 -1.00 -0.38	54.75 -1.05 -0.74	72.12 -1.39 -0.43	80.69 -1.89 11.92	81.88 -2.33 32.45	81.53 -2.09 26.41	118.11 -3.49 52.97	123.95 -3.66 55.37	140.47 -4.25 57.12	122.51 -3.88 58.17	95.12 -2.79 48.94	81.46 -1.99 27.04	77.61 -1.18 0.00	58.77 -1.14 0.00	45.67 -0.98 0.00
SITHE_IND_GS3 24171	42.47 -1.08 -0.10	40.94 -1.09 -0.09	37.16 -1.02 -0.20	32.46 -0.92 -0.41	32.35 -0.88 -0.49	36.49 -1.00 -0.25	38.93 -1.04 -0.13	42.21 -1.16 -0.18	45.73 -1.12 -0.25	46.81 -1.00 -0.38	54.75 -1.05 -0.74	72.12 -1.39 -0.43	80.69 -1.89 11.92	81.88 -2.33 32.45	81.53 -2.09 26.41	118.11 -3.49 52.97	123.95 -3.66 55.37	140.47 -4.25 57.12	122.51 -3.88 58.17	95.12 -2.79 48.94	81.46 -1.99 27.04	77.61 -1.18 0.00	58.77 -1.14 0.00	45.67 -0.98 0.00
SITHE_IND_GS4 24172	42.47 -1.08 -0.10	40.94 -1.09 -0.09	37.16 -1.02 -0.20	32.46 -0.92 -0.41	32.35 -0.88 -0.49	36.49 -1.00 -0.25	38.93 -1.04 -0.13	42.21 -1.16 -0.18	45.73 -1.12 -0.25	46.81 -1.00 -0.38	54.75 -1.05 -0.74	72.12 -1.39 -0.43	80.69 -1.89 11.92	81.88 -2.33 32.45	81.53 -2.09 26.41	118.11 -3.49 52.97	123.95 -3.66 55.37	140.47 -4.25 57.12	122.51 -3.88 58.17	95.12 -2.79 48.94	81.46 -1.99 27.04	77.61 -1.18 0.00	58.77 -1.14 0.00	45.67 -0.98 0.00
SITHE____BATAVIA 24024	45.80 1.82 -0.53	43.69 1.55 -0.19	39.60 1.18 -0.43	34.79 0.92 -0.90	34.87 1.05 -1.07	38.87 1.08 -0.54	41.48 1.36 -0.28	44.58 0.99 -0.39	48.64 1.49 -0.54	50.16 1.90 -0.83	59.33 2.64 -1.63	76.01 1.97 -0.96	96.13 1.60 -0.02	119.29 2.56 -0.07	115.05 3.08 -1.94	179.19 2.96 -1.65	189.21 2.56 -3.67	207.17 2.02 -3.30	188.52 2.39 -1.56	153.99 3.23 -3.90	119.03 4.64 -3.90	84.06 4.02 -1.25	64.32 2.82 -1.59	49.99 2.29 -1.05
SITHE____INDEPEND 23800	42.47 -1.09 -0.10	40.94 -1.09 -0.09	37.16 -1.03 -0.20	32.46 -0.92 -0.41	32.35 -0.88 -0.49	36.49 -1.01 -0.25	38.93 -1.04 -0.13	42.20 -1.17 -0.18	45.73 -1.12 -0.25	46.81 -1.00 -0.38	54.75 -1.05 -0.74	72.05 -1.46 -0.43	80.69 -1.89 11.92	81.88 -2.33 32.45	81.53 -2.09 26.41	118.11 -3.49 52.97	123.95 -3.66 55.37	140.48 -4.24 57.12	122.52 -3.88 58.17	95.13 -2.79 48.94	81.46 -1.99 27.04	77.61 -1.18 0.00	58.77 -1.14 0.00	45.68 -0.98 0.00
SITHE____MASSENA 23902	41.97 -1.48 0.00	40.65 -1.30 0.00	36.93 -1.06 0.00	32.18 -0.79 0.00	31.93 -0.82 0.00	36.25 -1.00 0.00	38.61 -1.24 0.00	41.77 -1.42 0.00	44.79 -1.82 0.00	45.25 -2.18 0.00	47.89 -2.81 4.36	49.06 -4.16 19.85	50.74 -5.48 38.28	54.27 -7.00 55.39	55.93 -6.82 47.28	56.87 -10.47 107.23	49.44 -10.97 122.56	50.29 -12.11 139.45	49.40 -10.89 124.27	54.95 -8.66 83.25	54.42 -6.08 49.99	48.56 -4.02 26.21	40.34 -2.69 16.87	44.93 -1.73 0.00
SITHE____OGDNSBRG 24021	42.11 -1.35 0.00	40.81 -1.13 0.00	37.04 -0.95 0.00	32.28 -0.69 0.00	32.03 -0.72 0.00	36.39 -0.86 0.00	38.73 -1.12 0.00	41.85 -1.34 0.00	44.79 -1.82 0.00	45.20 -2.23 0.00	44.19 -2.86 8.00	41.58 -3.73 27.77	36.74 -5.48 52.28	23.36 -7.23 86.06	31.92 -6.93 71.18	49.80 -10.82 113.95	44.53 -10.80 127.65	42.94 -11.91 146.99	45.05 -10.34 129.18	22.90 -7.34 116.62	22.68 -5.08 82.73	27.12 -3.55 48.13	26.84 -2.10 30.97	45.44 -1.21 0.00
SITHE____STERLING 23777	44.94 1.39 -0.10	43.33 1.30 -0.08	39.23 1.06 -0.18	34.24 0.89 -0.38	34.09 0.88 -0.45	38.59 1.12 -0.23	41.20 1.24 -0.12	44.70 1.34 -0.16	48.42 1.59 -0.23	49.49 1.71 -0.35	59.57 2.14 -2.37	79.36 2.63 -3.65	104.45 3.40 -6.55	136.03 4.08 -15.29	127.58 4.18 -13.36	190.07 5.94 -9.56	198.77 6.77 -9.03	219.82 7.47 -10.50	200.94 7.19 -9.19	171.43 6.02 -18.55	131.37 4.64 -16.24	92.07 3.15 -10.12	69.30 2.88 -6.51	48.71 2.05 0.00
SLEIGHT__34_KV_TB1 80719	45.50 1.61 -0.44	43.62 1.51 -0.16	39.61 1.25 -0.37	34.73 0.99 -0.77	34.71 1.05 -0.92	38.98 1.27 -0.46	41.63 1.55 -0.24	45.08 1.55 -0.33	49.07 2.00 -0.46	50.66 2.51 -0.71	60.13 3.14 -1.94	78.28 4.38 -0.82	101.86 5.95 -1.41	130.16 7.23 -6.27	125.81 7.26 -8.51	193.03 10.82 -7.64	203.63 11.16 -9.49	223.35 12.11 -9.39	203.88 11.26 -8.06	168.39 9.40 -12.13	127.93 7.40 -10.05	88.70 5.59 -4.31	66.69 3.35 -3.43	49.87 2.33 -0.88
SOUTH CAIRO____GT 23612	52.92 3.39 -6.08	46.75 3.06 -1.75	44.52 2.62 -3.91	43.32 2.21 -8.13	44.50 2.00 -9.75	44.41 2.23 -4.92	45.01 2.67 -2.50	49.69 2.94 -3.56	54.68 3.17 -4.91	57.60 2.61 -7.57	72.92 3.08 -14.78	86.15 4.38 -8.69	101.15 6.43 -0.22	124.79 9.21 1.08	134.50 7.49 -16.98	176.10 13.44 11.92	228.31 13.90 -31.44	245.11 15.54 -27.72	211.93 14.41 -12.97	191.14 12.05 -32.24	172.33 9.39 -52.46	102.18 6.54 -16.86	85.87 4.55 -21.42	64.18 3.40 -14.12
SOUTH HAMPTN____IC 23720	62.92 6.08 -13.38	54.94 5.92 -7.08	48.36 5.55 -4.82	44.20 4.45 -6.78	45.30 4.42 -8.13	46.31 4.95 -4.11	47.14 5.22 -2.08	52.07 5.92 -2.96	67.54 7.51 -13.42	74.46 7.92 -19.11	127.08 9.14 -62.89	146.51 11.92 -61.51	155.31 15.41 -45.39	167.56 19.72 -31.18	257.26 18.38 -128.85	287.75 29.15 -84.03	262.58 29.64 -49.97	317.02 32.50 -82.67	259.69 29.15 -45.97	267.85 24.39 -96.60	155.54 14.91 -30.15	149.88 11.97 -59.12	137.23 9.77 -67.55	134.10 6.90 -80.54
SOUTHDOW_115KV_TB1 355954	46.35 2.22 -0.69	43.99 1.80 -0.24	40.02 1.48 -0.55	35.30 1.19 -1.14	35.42 1.31 -1.36	39.43 1.49 -0.69	42.11 1.91 -0.35	45.59 1.90 -0.50	49.90 2.61 -0.69	51.95 3.46 -1.06	61.31 4.18 -2.07	78.90 4.60 -1.22	100.58 6.05 -0.03	126.79 10.03 -0.10	123.29 10.67 -2.58	185.32 8.55 -2.20	199.09 10.98 -5.14	217.36 10.90 -4.62	197.45 10.70 -2.18	162.00 9.69 -5.45	124.55 8.62 -5.45	87.00 6.46 -1.75	65.67 3.53 -2.23	50.74 2.61 -1.47
SOUTHOLD_69_KV_BK 2 55809	64.18 7.34 -13.38	56.24 7.21 -7.08	49.50 6.69 -4.82	45.15 5.41 -6.77	46.28 5.40 -8.13	47.27 5.92 -4.10	48.38 6.45 -2.08	53.41 7.26 -2.96	69.12 9.09 -13.42	76.27 9.72 -19.11	129.17 11.23 -62.89	149.52 14.91 -61.53	159.37 19.47 -45.40	173.01 25.08 -31.27	251.57 23.22 -118.32	291.41 32.64 -84.19	266.38 33.30 -50.11	320.66 35.73 -83.09	263.58 32.85 -46.16	252.40 30.84 -74.70	160.19 19.56 -30.15	153.04 15.13 -59.13	139.45 11.98 -67.56	135.71 8.49 -80.57

SOUTHOLD___IC 23719	64.22 7.39 -13.38	56.24 7.22 -7.08	49.50 6.69 -4.82	45.16 5.41 -6.78	46.28 5.40 -8.13	47.43 6.07 -4.11	48.34 6.42 -2.08	53.41 7.25 -2.96	69.12 9.09 -13.42	76.22 9.67 -19.11	129.22 11.28 -62.89	149.59 14.98 -61.53	159.37 19.47 -45.40	173.02 25.09 -31.27	262.25 23.21 -129.00	295.77 37.00 -84.19	267.29 34.21 -50.11	322.67 37.73 -83.09	264.69 33.96 -46.16	274.49 30.85 -96.78	160.19 19.56 -30.15	153.05 15.13 -59.13	139.45 11.98 -67.56	135.76 8.54 -80.57
SPIERFLS_115KV_TB 1 80737	56.80 3.61 -9.74	46.99 3.10 -1.94	44.99 2.66 -4.34	44.18 2.18 -9.04	45.84 2.26 -10.83	45.25 2.53 -5.47	45.49 2.87 -2.77	49.86 2.72 -3.95	55.32 3.26 -5.45	59.39 3.56 -8.40	75.22 3.74 -16.42	88.21 5.48 -9.65	101.93 7.18 -0.25	127.20 8.75 -1.79	166.82 8.47 -48.31	206.39 13.09 -18.72	286.64 14.27 -89.40	298.80 15.54 -81.42	239.04 15.69 -38.79	256.60 12.63 -97.11	218.04 10.39 -97.17	117.74 7.72 -31.23	105.09 5.51 -39.67	77.19 4.39 -26.15
ST LAWRENCE____ 23600	41.80 -1.65 0.00	40.44 -1.51 0.00	36.74 -1.25 0.00	31.95 -1.02 0.00	31.70 -1.05 0.00	36.02 -1.23 0.00	38.41 -1.43 0.00	41.59 -1.60 0.00	44.60 -2.00 0.00	45.11 -2.32 0.00	48.95 -2.97 3.13	51.88 -4.02 17.17	55.76 -5.20 33.54	64.99 -6.64 45.02	64.45 -6.38 39.20	59.48 -10.13 104.96	51.52 -10.62 120.84	53.65 -11.30 136.90	51.80 -10.15 122.61	66.82 -8.08 71.97	65.60 -5.97 38.92	55.65 -4.33 18.80	44.75 -3.05 12.10	44.60 -2.05 0.00
STATE_CA_115KV_115_LB 55624	53.37 1.96 -7.96	45.64 1.80 -1.89	43.81 1.60 -4.22	43.11 1.35 -8.79	44.66 1.38 -10.53	44.10 1.53 -5.32	44.26 1.71 -2.70	48.81 1.77 -3.84	54.00 2.10 -5.30	57.69 2.09 -8.17	73.44 2.42 -15.97	85.75 3.29 -9.39	99.28 4.54 -0.24	123.64 5.60 -1.38	152.52 5.28 -37.20	200.44 8.38 -17.49	260.21 8.78 -68.46	273.87 9.49 -62.53	222.72 8.31 -29.85	228.24 6.61 -74.77	190.05 4.75 -74.82	106.30 3.47 -24.04	93.21 2.76 -30.54	68.85 2.05 -20.14
STATE_ST_34_KV_LOAD 55959	45.01 1.09 -0.47	43.17 1.05 -0.17	39.25 0.87 -0.39	34.47 0.69 -0.81	34.43 0.72 -0.97	38.63 0.89 -0.49	41.17 1.08 -0.25	44.58 1.04 -0.35	48.44 1.35 -0.49	49.93 1.75 -0.75	59.20 2.09 -2.06	76.42 2.48 -0.86	99.98 3.40 -2.08	130.24 5.25 -8.33	125.78 5.28 -10.46	193.16 7.86 -10.73	204.22 8.42 -12.83	223.53 8.88 -12.80	204.48 8.49 -11.43	169.47 7.20 -15.41	128.14 5.52 -12.13	87.73 4.25 -4.68	66.14 2.52 -3.72	49.32 1.73 -0.94
STATION 5_MISC_HYD 23604	45.20 1.30 -0.45	43.33 1.22 -0.17	39.27 0.91 -0.37	34.44 0.69 -0.78	34.44 0.75 -0.93	38.50 0.78 -0.47	41.08 1.00 -0.24	44.35 0.82 -0.34	48.33 1.26 -0.47	49.72 1.56 -0.72	58.67 2.20 -1.41	76.39 2.49 -0.83	97.08 2.55 -0.02	120.10 3.39 -0.06	115.41 3.74 -1.63	181.42 5.42 -1.43	190.64 4.58 -3.09	208.87 4.25 -2.78	189.76 3.88 -1.31	154.10 3.97 -3.28	118.19 4.42 -3.28	83.55 3.70 -1.05	63.22 1.97 -1.34	49.17 1.63 -0.88
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	45.12 1.22 -0.45	43.16 1.05 -0.17	39.16 0.80 -0.37	34.37 0.63 -0.78	34.33 0.65 -0.93	38.46 0.74 -0.47	41.08 1.00 -0.24	44.39 0.86 -0.34	48.38 1.30 -0.47	49.91 1.75 -0.72	58.78 2.31 -1.41	76.68 2.78 -0.83	98.45 3.50 -0.45	122.44 4.55 -1.23	117.46 4.84 -2.59	184.92 6.98 -3.37	194.84 6.77 -5.10	213.56 6.86 -4.85	194.45 6.46 -3.42	157.79 5.87 -5.06	120.05 5.30 -4.27	84.02 4.18 -1.06	63.52 2.28 -1.34	49.17 1.63 -0.88
STA_56_34_KV_BUS2_REV_LBMP_B 345033	44.98 1.09 -0.44	42.99 0.88 -0.17	38.97 0.61 -0.37	34.20 0.46 -0.77	34.20 0.52 -0.92	38.24 0.52 -0.47	40.80 0.72 -0.24	44.05 0.52 -0.34	48.05 0.98 -0.47	49.57 1.42 -0.72	58.44 1.98 -1.40	75.87 1.97 -0.82	96.79 2.27 -0.02	119.75 3.03 -0.06	115.06 3.41 -1.61	181.05 5.06 -1.42	190.42 4.39 -3.06	208.43 3.84 -2.75	189.19 3.32 -1.30	153.63 3.52 -3.25	117.71 3.98 -3.25	83.14 3.31 -1.04	62.91 1.68 -1.33	48.74 1.21 -0.87
STA_56____34_KV_BUS2 355983	44.98 1.09 -0.44	42.99 0.88 -0.17	38.97 0.61 -0.37	34.20 0.46 -0.77	34.20 0.52 -0.92	38.24 0.52 -0.47	40.80 0.72 -0.24	44.05 0.52 -0.34	48.05 0.98 -0.47	49.57 1.42 -0.72	58.44 1.98 -1.40	75.87 1.97 -0.82	96.79 2.27 -0.02	119.75 3.03 -0.06	115.06 3.41 -1.61	181.05 5.06 -1.42	190.42 4.39 -3.06	208.43 3.84 -2.75	189.19 3.32 -1.30	153.63 3.52 -3.25	117.71 3.98 -3.25	83.14 3.31 -1.04	62.91 1.68 -1.33	48.74 1.21 -0.87
STA_67____115KV_BK2 355882	45.16 1.26 -0.45	43.16 1.05 -0.17	39.16 0.80 -0.37	34.34 0.59 -0.78	34.34 0.65 -0.93	38.39 0.67 -0.47	41.00 0.92 -0.24	44.18 0.65 -0.34	48.19 1.12 -0.47	49.67 1.52 -0.72	58.50 2.04 -1.41	75.88 1.97 -0.83	96.70 2.17 -0.02	119.64 2.92 -0.06	114.96 3.30 -1.63	180.88 4.89 -1.43	190.09 4.03 -3.09	208.05 3.43 -2.78	189.01 3.14 -1.31	153.66 3.52 -3.28	117.85 4.09 -3.28	83.31 3.47 -1.05	63.04 1.80 -1.34	48.89 1.35 -0.88
STA_7____115KV_9TRANS 80674	45.60 1.69 -0.45	43.58 1.47 -0.17	39.50 1.14 -0.37	34.64 0.89 -0.78	34.63 0.95 -0.93	38.73 1.01 -0.47	41.32 1.24 -0.24	44.57 1.04 -0.34	48.66 1.58 -0.47	50.15 1.99 -0.72	59.11 2.64 -1.41	76.61 2.70 -0.83	97.64 3.12 -0.02	120.92 4.20 -0.06	116.29 4.62 -1.63	182.98 6.98 -1.43	192.29 6.22 -3.09	210.48 5.85 -2.78	191.23 5.35 -1.31	155.28 5.14 -3.28	119.07 5.30 -3.29	84.18 4.33 -1.06	63.70 2.46 -1.34	49.45 1.91 -0.88
STA_82____115KV_TB1 80780	45.21 1.30 -0.45	43.20 1.09 -0.17	39.16 0.80 -0.38	34.38 0.63 -0.78	34.37 0.69 -0.94	38.43 0.71 -0.47	41.00 0.92 -0.24	44.22 0.69 -0.34	48.20 1.12 -0.47	49.68 1.52 -0.73	58.57 2.09 -1.42	75.88 1.97 -0.83	96.70 2.17 -0.02	119.64 2.92 -0.06	115.09 3.41 -1.64	180.89 4.89 -1.44	190.11 4.03 -3.11	208.07 3.43 -2.80	189.21 3.32 -1.32	153.69 3.52 -3.30	117.88 4.09 -3.30	83.32 3.47 -1.06	63.11 1.86 -1.35	48.95 1.40 -0.89
STEEL____WIND 323596	45.43 1.35 -0.63	43.01 0.84 -0.23	39.10 0.61 -0.51	34.45 0.43 -1.06	34.60 0.59 -1.26	38.41 0.52 -0.64	40.92 0.76 -0.32	44.04 0.39 -0.46	48.08 0.84 -0.64	49.79 1.38 -0.98	58.90 1.93 -1.92	76.47 2.27 -1.13	96.23 1.70 -0.03	120.59 3.84 -0.09	116.80 4.41 -2.36	179.83 3.31 -1.95	191.82 4.38 -4.46	209.28 3.43 -4.01	190.15 3.69 -1.90	155.70 4.11 -4.73	120.30 5.09 -4.74	84.64 4.33 -1.52	63.99 2.15 -1.93	49.70 1.77 -1.27
STEPHTWN_115KV_BK_2 55603	52.79 2.13 -7.21	45.74 1.93 -1.86	43.86 1.71 -4.16	43.09 1.45 -8.67	44.58 1.44 -10.39	44.14 1.64 -5.25	44.38 1.87 -2.66	48.88 1.90 -3.79	54.07 2.24 -5.23	57.63 2.13 -8.07	73.34 2.53 -15.76	85.78 3.43 -9.27	99.47 4.73 -0.24	123.93 6.07 -1.20	148.16 5.61 -32.51	200.60 9.08 -16.95	252.10 9.51 -59.61	266.70 10.29 -54.56	219.87 9.23 -26.07	219.40 7.20 -65.34	181.17 5.30 -65.38	103.66 3.86 -21.01	89.59 3.00 -26.69	66.49 2.24 -17.60
STEBEN_REC_LFGE 323667	46.11 1.82 -0.84	43.79 1.55 -0.29	39.90 1.25 -0.65	35.35 1.02 -1.36	35.49 1.11 -1.63	39.34 1.27 -0.82	41.94 1.67 -0.42	45.26 1.47 -0.60	49.34 1.91 -0.82	51.21 2.51 -1.27	60.45 2.92 -2.47	78.26 3.73 -1.45	100.15 5.01 -0.64	125.89 7.47 -1.76	122.37 7.81 -4.52	188.73 8.90 -5.25	202.62 10.80 -8.85	221.48 11.30 -8.33	201.35 11.26 -5.53	166.04 10.28 -8.90	126.89 8.62 -7.79	87.55 6.70 -2.06	66.48 3.95 -2.62	51.13 2.75 -1.73

STONY___BROOK 24151	62.00 5.17 -13.38	54.01 4.99 -7.08	47.48 4.67 -4.82	43.57 3.82 -6.78	44.61 3.73 -8.13	45.60 4.24 -4.11	46.35 4.42 -2.08	51.20 5.05 -2.96	66.37 6.34 -13.43	73.28 6.73 -19.12	125.60 7.65 -62.89	147.27 9.65 -64.55	154.55 12.00 -48.04	165.09 14.82 -33.61	256.13 13.53 -132.56	286.82 22.68 -89.56	261.73 23.78 -54.98	324.44 25.64 -96.96	260.15 23.07 -52.52	316.05 17.76 -151.43	151.14 10.50 -30.16	149.47 9.45 -61.23	138.05 8.08 -70.06	149.48 5.69 -97.13
STURGEON_POOL_HYD 23609	50.36 2.48 -4.43	45.92 2.47 -1.50	43.62 2.28 -3.35	41.89 1.95 -6.97	42.87 1.77 -8.35	43.52 2.05 -4.22	44.22 2.23 -2.14	49.13 2.89 -3.05	54.07 3.26 -4.20	57.57 3.65 -6.48	72.40 4.68 -12.67	87.03 6.50 -7.45	103.58 8.88 -0.19	129.03 12.25 -0.12	135.37 10.34 -14.99	200.11 19.55 -5.99	231.64 19.58 -29.09	248.21 20.79 -25.58	214.94 18.46 -11.92	190.02 13.51 -29.64	154.01 8.73 -34.80	95.96 5.99 -11.18	78.85 4.73 -14.21	58.73 2.71 -9.37
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	49.61 2.48 -3.68	45.71 2.43 -1.33	43.16 2.20 -2.97	41.04 1.88 -6.19	41.96 1.80 -7.41	43.04 2.05 -3.74	43.98 2.23 -1.90	48.62 2.72 -2.70	53.51 3.17 -3.73	56.65 3.46 -5.75	70.53 4.24 -11.24	85.38 5.70 -6.61	102.52 7.84 -0.17	127.43 9.68 -0.51	133.41 16.58 -13.70	202.55 17.38 -11.39	227.75 18.77 -27.40	244.53 18.77 -23.91	212.44 16.80 -11.08	186.72 12.34 -27.52	146.09 8.07 -27.54	93.08 5.44 -8.85	75.40 4.25 -11.24	56.73 2.66 -7.41
SWANROAD_115KV_TB1 355699	44.16 0.13 -0.57	41.94 -0.21 -0.21	38.15 -0.30 -0.47	33.61 -0.33 -0.97	33.71 -0.20 -1.16	37.43 -0.41 -0.59	39.94 -0.20 -0.30	42.75 -0.86 -0.42	46.68 -0.51 -0.58	48.33 0.00 -0.90	56.93 0.11 -1.76	73.31 -0.80 -1.04	92.64 -1.89 -0.03	114.87 -1.87 -0.08	110.73 -1.43 -2.13	172.00 -4.36 -1.79	181.89 -5.12 -4.04	198.42 -7.06 -3.64	180.37 -5.91 -1.72	147.93 -3.23 -4.30	114.79 0.00 -4.30	81.12 0.95 -1.38	61.42 -0.24 -1.76	47.72 -0.09 -1.16
SYNERGY___BIOGAS 323694	45.80 1.82 -0.53	43.69 1.55 -0.19	39.60 1.18 -0.43	34.79 0.92 -0.90	34.87 1.05 -1.07	38.87 1.08 -0.54	41.48 1.36 -0.28	44.58 0.99 -0.39	48.64 1.49 -0.54	50.16 1.90 -0.83	59.33 2.64 -1.63	76.01 1.97 -0.96	96.13 1.60 -0.02	119.29 2.56 -0.07	115.05 3.08 -1.94	179.19 2.96 -1.65	189.21 2.56 -3.67	207.17 2.02 -3.30	188.52 2.39 -1.56	153.99 3.23 -3.90	119.03 4.64 -3.90	84.06 4.02 -1.25	64.32 2.82 -1.59	49.99 2.29 -1.05
SYRACUSE___ENERGY_ST1 323597	43.79 0.17 -0.16	42.25 0.17 -0.14	38.34 0.04 -0.31	33.62 0.00 -0.65	33.56 0.03 -0.78	37.72 0.07 -0.39	40.20 0.16 -0.20	43.39 -0.09 -0.28	47.04 0.05 -0.39	48.32 0.28 -0.60	57.38 0.44 -1.89	74.36 0.58 -0.69	97.77 0.95 -2.32	127.39 1.28 -9.45	121.55 1.43 -10.08	187.94 1.92 -11.45	195.68 2.01 -10.69	214.89 2.02 -11.03	197.83 2.03 -11.23	162.38 1.91 -13.61	122.00 1.55 -9.97	84.31 1.26 -4.25	63.24 0.60 -2.74	46.98 0.33 0.00
SYRACUSE___ENERGY_ST2 323598	43.79 0.17 -0.16	42.25 0.17 -0.14	38.34 0.04 -0.31	33.62 0.00 -0.65	33.56 0.03 -0.78	37.72 0.07 -0.39	40.20 0.16 -0.20	43.39 -0.09 -0.28	47.04 0.05 -0.39	48.32 0.28 -0.60	57.38 0.44 -1.89	74.36 0.58 -0.69	97.77 0.95 -2.32	127.39 1.28 -9.45	121.55 1.43 -10.08	187.94 1.92 -11.45	195.68 2.01 -10.69	214.89 2.02 -11.03	197.83 2.03 -11.23	162.38 1.91 -13.61	122.00 1.55 -9.97	84.31 1.26 -4.25	63.24 0.60 -2.74	46.98 0.33 0.00
SYRACUSE___POWER 24017	43.92 0.09 -0.38	42.13 0.04 -0.15	38.28 -0.04 -0.32	33.58 -0.07 -0.68	33.49 -0.07 -0.81	37.62 -0.04 -0.41	40.09 0.04 -0.21	43.44 -0.04 -0.30	47.15 0.14 -0.41	48.44 0.38 -0.63	57.57 0.55 -1.97	74.60 0.80 -0.72	97.16 1.13 -1.53	125.66 1.52 -7.48	121.60 1.65 -9.92	184.86 2.27 -8.02	195.13 2.56 -9.60	213.82 2.42 -9.56	195.42 2.40 -8.46	162.35 2.20 -13.29	123.39 1.77 -11.14	85.54 1.42 -5.33	64.61 0.72 -3.99	47.77 0.37 -0.74
TALLMAN___138KV_BK151 55660	50.00 2.74 -3.81	46.01 2.68 -1.38	43.54 2.47 -3.08	41.46 2.08 -6.41	42.42 2.00 -7.68	43.44 2.31 -3.88	44.32 2.51 -1.97	49.06 3.07 -2.80	54.01 3.54 -3.86	57.28 3.89 -5.96	71.43 4.73 -11.64	86.21 6.28 -6.85	103.37 8.69 -0.18	128.73 11.55 -0.53	135.11 10.89 -14.18	205.05 18.68 -11.80	231.17 19.76 -28.44	247.83 21.19 -24.79	214.87 18.83 -11.48	189.17 13.80 -28.50	147.84 8.84 -28.52	93.87 5.91 -9.17	76.22 4.67 -11.64	57.27 2.94 -7.68
TEALLAVE_115KV_TB7 355573	43.51 -0.09 -0.14	41.98 -0.08 -0.12	38.07 -0.19 -0.27	33.34 -0.20 -0.57	33.27 -0.16 -0.68	37.41 -0.19 -0.34	39.94 -0.08 -0.17	43.27 -0.17 -0.25	46.95 0.00 -0.34	48.20 0.24 -0.53	57.37 0.44 -1.87	74.27 0.58 -0.61	96.60 0.85 -1.25	124.98 1.17 -7.15	120.02 1.32 -8.66	182.83 1.75 -6.51	190.54 1.83 -5.73	209.37 1.61 -5.91	192.06 1.48 -6.02	158.49 1.62 -10.02	120.27 1.33 -8.46	84.96 1.10 -5.07	63.71 0.54 -3.26	46.89 0.23 0.00
TELGRAPH_34_KV_EAST 80808	45.04 1.04 -0.54	42.86 0.71 -0.20	38.93 0.49 -0.44	34.23 0.33 -0.92	34.32 0.46 -1.11	38.18 0.37 -0.56	40.77 0.64 -0.28	43.77 0.64 -0.40	47.77 0.61 -0.56	49.48 1.19 -0.86	58.33 1.60 -1.68	75.09 1.02 -0.99	95.28 0.76 -0.03	118.13 1.40 -0.07	113.92 1.87 -2.01	177.15 0.87 -1.71	187.16 0.37 -3.82	204.48 0.37 -3.44	186.00 -0.81 -1.62	152.09 1.17 -4.06	117.75 3.20 -4.06	83.25 3.15 -1.31	63.06 1.50 -1.66	48.96 1.21 -1.09
TEMPLE___115KV_TB 2 55572	43.55 -0.04 -0.15	41.99 -0.08 -0.12	38.11 -0.15 -0.28	33.38 -0.16 -0.58	33.31 -0.13 -0.69	37.45 -0.15 -0.35	39.98 -0.04 -0.18	43.31 -0.13 -0.25	47.00 0.05 -0.35	48.25 0.28 -0.54	57.42 0.50 -1.87	74.35 0.66 -0.62	96.79 1.04 -1.25	125.00 1.28 -7.05	119.98 1.43 -8.52	183.01 1.92 -6.52	190.71 2.01 -5.73	209.77 2.02 -5.91	192.43 1.85 -6.02	158.51 1.76 -9.89	120.23 1.44 -8.31	84.99 1.26 -4.94	63.68 0.60 -3.18	46.94 0.28 0.00
TIANA___69_KV_BK 1 55817	62.53 5.69 -13.38	54.60 5.58 -7.08	48.06 5.24 -4.82	43.93 4.19 -6.77	45.04 4.16 -8.13	45.93 4.58 -4.10	46.90 4.98 -2.08	51.77 5.61 -2.96	67.11 7.08 -13.42	74.08 7.54 -19.11	126.53 8.59 -62.89	145.71 11.11 -61.53	154.36 14.46 -45.40	166.46 18.55 -31.26	245.49 17.17 -118.29	285.79 27.06 -84.16	259.95 26.90 -50.08	314.12 29.27 -83.01	257.08 26.39 -46.13	244.29 22.76 -74.66	154.44 13.81 -30.15	149.10 11.19 -59.12	136.69 9.23 -67.56	133.70 6.49 -80.56
TILDEN___115KV_TB1 80814	43.92 0.09 -0.38	42.13 0.04 -0.15	38.28 -0.04 -0.32	33.58 -0.07 -0.68	33.49 -0.07 -0.81	37.62 -0.04 -0.41	40.09 0.04 -0.21	43.44 -0.04 -0.30	47.15 0.14 -0.41	48.44 0.38 -0.63	57.57 0.55 -1.97	74.60 0.80 -0.72	97.16 1.13 -1.53	125.66 1.52 -7.48	121.60 1.65 -9.92	184.86 2.27 -8.02	195.13 2.56 -9.60	213.82 2.42 -9.56	195.42 2.40 -8.46	162.35 2.20 -13.29	123.39 1.77 -11.14	85.54 1.42 -5.33	64.61 0.72 -3.99	47.77 0.37 -0.74
TRIGEN___CC 323695	60.61 3.78 -13.38	52.76 3.73 -7.08	46.27 3.46 -4.82	42.68 2.93 -6.77	43.76 2.88 -8.13	44.55 3.20 -4.10	45.23 3.31 -2.08	49.95 3.80 -2.96	64.73 4.71 -13.41	71.56 5.03 -19.10	123.77 5.84 -62.88	128.85 7.60 -48.17	130.96 10.21 -26.26	139.76 13.30 -9.80	218.67 12.32 -96.31	258.05 21.30 -62.18	235.46 22.32 -30.17	252.12 24.02 -26.25	226.11 21.41 -20.13	193.00 16.01 -30.13	149.90 9.28 -30.14	130.02 7.33 -43.90	115.36 5.99 -49.46	71.63 3.97 -21.01

TRINITY__115KV__4 BK 55933	52.52 1.74 -7.33	45.45 1.64 -1.87	43.61 1.44 -4.18	42.89 1.22 -8.70	44.42 1.24 -10.42	43.89 1.38 -5.27	44.07 1.55 -2.67	48.59 1.60 -3.80	53.72 1.86 -5.25	57.37 1.85 -8.09	73.00 2.15 -15.80	85.15 2.78 -9.29	98.62 3.87 -0.24	122.79 4.90 -1.23	147.94 4.62 -33.28	198.95 7.33 -17.05	251.54 7.50 -61.06	265.79 8.07 -55.87	218.45 7.20 -26.69	219.33 5.58 -66.89	181.50 4.09 -66.93	103.29 2.99 -21.51	89.63 2.40 -27.33	66.44 1.77 -18.01
UNION__PROCESSING_DRP 323587	45.21 1.30 -0.45	43.25 1.13 -0.17	39.20 0.84 -0.38	34.38 0.63 -0.78	34.41 0.72 -0.94	38.43 0.71 -0.47	41.04 0.96 -0.24	44.27 0.73 -0.34	48.24 1.17 -0.47	49.72 1.57 -0.73	58.57 2.09 -1.42	75.96 2.05 -0.84	96.79 2.27 -0.02	119.75 3.03 -0.06	115.20 3.52 -1.64	181.07 5.06 -1.44	190.30 4.21 -3.11	208.28 3.63 -2.80	189.21 3.32 -1.32	153.84 3.67 -3.31	117.99 4.20 -3.31	83.40 3.55 -1.06	63.17 1.92 -1.35	48.99 1.45 -0.89
UPPER HUDSON__HYD 24058	56.79 3.60 -9.74	46.99 3.10 -1.94	44.99 2.66 -4.34	44.18 2.18 -9.04	45.83 2.26 -10.83	45.25 2.53 -5.47	45.49 2.87 -2.77	49.87 2.72 -3.95	55.32 3.26 -5.45	59.39 3.56 -8.40	75.27 3.80 -16.42	88.21 5.48 -9.65	101.84 7.09 -0.25	127.20 8.75 -1.79	166.82 8.47 -48.31	206.39 13.10 -18.72	286.65 14.28 -89.40	298.80 15.54 -81.42	239.03 15.68 -38.79	256.60 12.63 -97.11	218.04 10.38 -97.17	117.75 7.73 -31.23	105.09 5.51 -39.67	77.24 4.43 -26.15
UPPER RAQUET__HYD 24056	41.02 -2.43 0.00	39.76 -2.18 0.00	36.13 -1.86 0.00	31.46 -1.52 0.00	31.21 -1.54 0.00	35.50 -1.75 0.00	37.77 -2.07 0.00	40.86 -2.33 0.00	43.76 -2.84 0.00	44.20 -3.23 0.00	40.67 -4.07 10.32	34.29 -5.99 32.80	25.77 -7.94 60.79	2.13 -10.03 104.50	14.84 -9.68 85.51	43.07 -15.01 116.49	38.49 -15.37 129.11	34.93 -16.95 149.96	39.00 -15.13 130.44	0.20 -10.42 136.24	0.10 -7.74 102.65	11.16 -5.59 62.04	16.57 -3.41 39.93	44.37 -2.29 0.00
VALLEY44_115KV_TB2 355964	44.07 -0.09 -0.71	41.90 -0.29 -0.25	38.17 -0.38 -0.56	33.72 -0.43 -1.17	33.83 -0.33 -1.41	37.55 -0.41 -0.71	40.05 -0.16 -0.36	43.32 -0.39 -0.51	47.27 -0.05 -0.71	49.09 0.57 -1.09	57.96 0.77 -2.13	74.55 0.22 -1.25	95.20 0.66 -0.03	121.54 4.78 -0.10	118.21 5.50 -2.67	178.50 1.75 -2.19	193.56 5.49 -5.10	211.88 5.45 -4.58	192.45 5.72 -2.17	157.85 5.58 -5.41	121.09 5.19 -5.41	84.63 4.10 -1.74	63.97 1.86 -2.21	49.47 1.35 -1.46
VALLEY__115KV_TB 1-4 80826	43.84 0.39 0.00	42.32 0.38 0.00	38.29 0.30 0.00	33.20 0.23 0.00	33.01 0.26 0.00	37.58 0.34 0.00	40.24 0.40 0.00	43.62 0.43 0.00	47.17 0.56 0.00	48.05 0.62 0.00	56.51 0.83 -0.63	74.68 1.61 0.00	96.69 2.08 -0.10	121.11 1.63 -2.82	116.68 1.54 -5.10	179.83 2.27 -2.99	189.17 2.56 -3.63	208.26 2.42 -3.99	190.48 2.21 -3.70	153.22 1.76 -4.59	116.23 1.55 -4.20	83.66 1.10 -3.76	63.29 0.96 -2.42	47.36 0.70 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	48.51 2.78 -2.28	45.20 2.73 -0.53	41.52 2.36 -1.18	37.46 2.04 -2.45	37.71 2.03 -2.93	41.15 2.42 -1.48	43.23 2.63 -0.75	47.20 2.94 -1.07	51.44 3.36 -1.48	53.36 3.65 -2.28	63.91 4.40 -4.45	81.61 5.92 -2.62	102.84 7.84 -0.49	128.37 10.15 -1.56	131.41 9.68 -11.69	196.22 14.84 -6.82	221.21 15.92 -22.32	239.33 17.16 -20.33	211.16 15.87 -10.72	182.98 12.78 -23.34	143.11 10.05 -22.57	92.59 6.85 -6.94	73.88 5.15 -8.82	56.20 3.73 -5.82
VISCHER__FERRY HYD 24020	54.80 2.56 -8.78	46.27 2.43 -1.89	44.39 2.16 -4.23	43.64 1.85 -8.82	45.18 1.87 -10.57	44.67 2.08 -5.34	44.86 2.31 -2.71	49.38 2.33 -3.86	54.63 2.70 -5.32	58.43 2.80 -8.20	74.32 3.25 -16.02	86.88 4.38 -9.42	100.70 5.96 -0.24	125.71 7.47 -1.57	159.57 7.05 -42.49	203.50 11.00 -17.93	272.04 11.35 -77.72	285.39 12.31 -71.23	229.89 11.26 -34.07	241.21 8.96 -85.39	202.67 6.74 -85.45	111.14 4.89 -27.46	98.57 3.78 -34.89	72.45 2.80 -23.00
V_A_10_SYNC_DSASP 323832	44.79 0.83 -0.51	42.68 0.55 -0.19	38.75 0.34 -0.42	34.07 0.23 -0.87	34.12 0.33 -1.05	38.00 0.22 -0.53	40.59 0.48 -0.27	43.57 0.00 -0.38	47.51 0.37 -0.53	49.10 0.85 -0.81	57.85 1.21 -1.59	74.67 0.66 -0.93	94.62 0.09 -0.02	116.61 -0.12 -0.07	112.46 0.55 -1.88	176.18 0.00 -1.61	185.25 -1.28 -3.56	202.22 -2.83 -3.20	183.86 -2.21 -1.51	150.20 -0.44 -3.78	116.03 1.77 -3.78	81.98 1.97 -1.22	62.11 0.66 -1.54	48.19 0.51 -1.02
V_CMM_10_SYNC_DSASP 323787	41.93 -1.52 0.00	40.56 -1.38 0.00	36.85 -1.14 0.00	32.08 -0.89 0.00	31.83 -0.92 0.00	36.17 -1.08 0.00	38.53 -1.31 0.00	41.72 -1.47 0.00	44.74 -1.87 0.00	45.25 -2.18 0.00	49.12 -2.81 3.13	52.18 -3.72 17.17	56.14 -4.82 33.54	65.45 -6.19 45.02	64.89 -5.94 39.20	60.18 -9.43 104.96	52.25 -9.88 120.84	54.44 -10.50 136.90	52.35 -9.61 122.61	67.25 -7.64 71.97	65.93 -5.63 38.92	55.89 -4.10 18.80	44.93 -2.87 12.10	44.79 -1.87 0.00
V_CMP_10_SYNC_DSASP 323788	40.63 -2.82 0.00	39.35 -2.60 0.00	36.43 -1.56 0.00	31.72 -1.25 0.00	31.47 -1.28 0.00	35.72 -1.53 0.00	37.61 -2.23 0.00	40.34 -2.85 0.00	43.34 -3.26 0.00	43.82 -3.61 0.00	47.42 -4.57 3.07	49.82 -6.21 17.05	53.34 -7.84 33.32	62.44 -9.68 44.53	62.08 -9.13 38.82	55.05 -14.66 104.86	46.85 -15.37 120.75	48.52 -16.55 136.78	46.90 -15.13 122.53	63.39 -12.04 71.44	63.24 -8.84 38.40	53.72 -6.62 18.46	43.18 -4.85 11.88	43.20 -3.45 0.00
V_E_10_SYNC_DSASP 323830	48.74 3.91 -1.38	46.12 3.78 -0.40	42.07 3.19 -0.89	37.53 2.70 -1.85	37.69 2.72 -2.22	41.65 3.28 -1.12	44.08 3.66 -0.57	47.97 3.97 -0.81	51.87 4.15 -1.12	53.57 4.41 -1.72	63.76 5.34 -3.37	83.10 8.04 -1.98	106.16 10.68 -0.98	132.82 13.41 -2.75	131.29 13.31 -7.95	202.38 20.07 -7.74	220.38 21.95 -15.46	240.74 24.41 -14.48	218.01 24.17 -9.28	182.78 20.27 -15.65	140.22 15.80 -13.94	93.54 10.95 -3.80	72.58 7.85 -4.83	55.67 5.83 -3.18
V_F_30_NSYNC__DSASP 323816	56.59 3.52 -9.62	47.07 3.19 -1.93	45.09 2.77 -4.32	44.28 2.31 -9.01	45.93 2.39 -10.79	45.35 2.64 -5.45	45.56 2.95 -2.77	50.02 2.89 -3.94	55.39 3.36 -5.43	59.36 3.56 -8.38	75.49 4.07 -16.36	88.40 5.70 -9.62	102.31 7.56 -0.25	127.87 9.45 -1.76	166.77 9.13 -47.61	207.32 14.13 -18.62	285.94 15.01 -87.96	298.58 16.55 -80.18	238.28 15.51 -38.22	255.03 12.48 -95.69	215.97 9.72 -95.76	116.57 7.01 -30.77	104.21 5.21 -39.09	76.49 4.06 -25.77
V_F_30_SYNC_DSASP 323786	53.32 1.96 -7.91	45.64 1.80 -1.89	43.80 1.60 -4.22	43.10 1.35 -8.78	44.65 1.38 -10.52	44.09 1.53 -5.32	44.25 1.71 -2.70	48.80 1.77 -3.84	54.00 2.10 -5.30	57.64 2.04 -8.17	73.43 2.42 -15.95	85.67 3.22 -9.38	99.28 4.54 -0.24	123.63 5.60 -1.37	152.20 5.28 -36.88	200.40 8.38 -17.46	259.62 8.78 -67.86	273.33 9.49 -62.00	222.46 8.31 -29.59	227.45 6.46 -74.13	189.42 4.75 -74.18	106.10 3.47 -23.84	92.95 2.76 -30.29	68.67 2.05 -19.97
V_XM_10_SYNC_DSASP 323789	40.63 -2.82 0.00	39.35 -2.60 0.00	36.43 -1.56 0.00	31.72 -1.25 0.00	31.47 -1.28 0.00	35.72 -1.53 0.00	37.61 -2.23 0.00	40.34 -2.85 0.00	43.34 -3.26 0.00	43.82 -3.61 0.00	47.42 -4.57 3.07	49.82 -6.21 17.05	53.34 -7.84 33.32	62.44 -9.68 44.53	62.08 -9.13 38.82	55.05 -14.66 104.86	46.85 -15.37 120.75	48.52 -16.55 136.78	46.90 -15.13 122.53	63.39 -12.04 71.44	63.24 -8.84 38.40	53.72 -6.62 18.46	43.18 -4.85 11.88	43.20 -3.45 0.00

W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	50.16 2.87 -3.84	46.18 2.85 -1.39	43.67 2.58 -3.10	41.64 2.21 -6.46	42.58 2.10 -7.74	43.54 2.38 -3.91	44.46 2.63 -1.98	49.21 3.20 -2.82	54.18 3.68 -3.89	57.47 4.03 -6.00	71.74 4.95 -11.73	86.55 6.58 -6.90	103.75 9.07 -0.18	129.20 12.02 -0.53	135.66 11.33 -14.29	205.84 19.38 -11.89	232.14 20.49 -28.67	248.83 22.00 -24.99	215.70 19.56 -11.57	189.97 14.39 -28.72	148.50 9.28 -28.74	94.33 6.30 -9.24	76.55 4.91 -11.73	57.47 3.08 -7.74
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	50.65 3.17 -4.02	46.54 3.15 -1.45	44.16 2.93 -3.25	42.21 2.47 -6.77	43.28 2.42 -8.11	44.10 2.76 -4.10	44.91 2.99 -2.08	49.74 3.58 -2.96	54.88 4.19 -4.08	58.32 4.60 -6.29	72.86 5.51 -12.29	87.61 7.31 -7.23	104.52 9.83 -0.19	130.16 12.95 -0.56	136.90 11.88 -14.98	208.33 21.30 -12.47	235.43 22.32 -30.14	252.09 24.02 -26.23	217.92 21.22 -12.13	192.24 15.27 -30.11	150.44 9.83 -30.13	95.01 6.54 -9.68	77.48 5.27 -12.30	58.12 3.36 -8.11
W50THST__13_KV_LOAD 356117	50.91 3.43 -4.02	46.80 3.40 -1.45	44.43 3.19 -3.25	42.41 2.67 -6.77	43.48 2.62 -8.11	44.36 3.02 -4.10	45.23 3.31 -2.08	50.08 3.93 -2.96	55.30 4.61 -4.08	58.75 5.03 -6.29	73.35 6.00 -12.29	88.27 7.97 -7.23	105.46 10.77 -0.19	131.33 14.12 -0.56	137.89 12.87 -14.98	209.90 22.87 -12.47	237.08 23.97 -30.14	254.11 26.04 -26.23	219.58 22.89 -12.13	193.56 16.60 -30.11	151.22 10.61 -30.13	95.49 7.01 -9.68	77.84 5.63 -12.30	58.45 3.69 -8.11
WADING RIVER_IC_1 23522	61.61 4.78 -13.38	53.68 4.66 -7.08	47.22 4.40 -4.82	43.24 3.49 -6.78	44.35 3.47 -8.13	45.27 3.91 -4.11	45.99 4.07 -2.08	50.82 4.67 -2.96	66.00 5.97 -13.42	72.85 6.31 -19.11	125.09 7.15 -62.89	143.63 9.13 -61.42	151.57 11.72 -45.35	162.32 15.05 -30.61	251.78 13.75 -127.99	279.12 21.47 -83.09	254.40 22.31 -49.11	306.29 24.21 -80.24	251.19 21.77 -44.86	261.07 18.50 -95.71	151.35 10.71 -30.15	146.93 9.06 -59.08	135.09 7.67 -67.51	132.39 5.32 -80.42
WADING RIVER_IC_2 23547	61.61 4.78 -13.38	53.68 4.66 -7.08	47.22 4.40 -4.82	43.24 3.49 -6.78	44.35 3.47 -8.13	45.27 3.91 -4.11	45.99 4.07 -2.08	50.82 4.67 -2.96	66.00 5.97 -13.42	72.85 6.31 -19.11	125.09 7.15 -62.89	143.63 9.13 -61.42	151.57 11.72 -45.35	162.32 15.05 -30.61	251.78 13.75 -127.99	279.12 21.47 -83.09	254.40 22.31 -49.11	306.29 24.21 -80.24	251.19 21.77 -44.86	261.07 18.50 -95.71	151.35 10.71 -30.15	146.93 9.06 -59.08	135.09 7.67 -67.51	132.39 5.32 -80.42
WADING RIVER_IC_3 23601	61.61 4.78 -13.38	53.68 4.66 -7.08	47.22 4.40 -4.82	43.24 3.49 -6.78	44.35 3.47 -8.13	45.27 3.91 -4.11	45.99 4.07 -2.08	50.82 4.67 -2.96	66.00 5.97 -13.42	72.85 6.31 -19.11	125.09 7.15 -62.89	143.63 9.13 -61.42	151.57 11.72 -45.35	162.32 15.05 -30.61	251.78 13.75 -127.99	279.12 21.47 -83.09	254.40 22.31 -49.11	306.29 24.21 -80.24	251.19 21.77 -44.86	261.07 18.50 -95.71	151.35 10.71 -30.15	146.93 9.06 -59.08	135.09 7.67 -67.51	132.39 5.32 -80.42
WALDENNY_I2_KV_BK2 80841	45.29 1.22 -0.62	43.01 0.84 -0.22	39.10 0.61 -0.50	34.48 0.46 -1.05	34.59 0.59 -1.25	38.40 0.52 -0.63	40.96 0.80 -0.32	44.04 0.39 -0.46	48.17 0.93 -0.63	50.02 1.61 -0.97	58.99 2.04 -1.90	76.17 1.97 -1.12	96.61 2.08 -0.03	120.71 3.97 -0.09	116.88 4.51 -2.33	180.00 3.49 -1.94	191.80 4.39 -4.44	209.06 3.23 -3.99	190.14 3.69 -1.89	155.68 4.11 -4.71	120.28 5.08 -4.71	84.64 4.33 -1.51	63.99 2.16 -1.92	49.60 1.68 -1.27
WALDEN___HYDRO 24148	50.38 3.04 -3.89	46.32 2.98 -1.40	43.77 2.66 -3.12	41.72 2.24 -6.51	42.61 2.06 -7.80	43.57 2.39 -3.94	44.47 2.63 -2.00	49.23 3.20 -2.85	54.12 3.59 -3.92	57.37 3.89 -6.05	71.83 4.96 -11.82	86.61 6.58 -6.95	103.56 8.88 -0.18	128.86 11.66 -0.54	135.46 10.90 -14.53	205.42 18.86 -12.00	231.57 19.77 -28.83	248.93 21.81 -25.28	216.25 19.94 -11.75	191.34 15.27 -29.21	149.99 10.28 -29.23	95.12 6.94 -9.39	77.17 5.33 -11.93	57.83 3.31 -7.87
WARRENSBURG____ 23737	56.79 3.60 -9.74	46.99 3.10 -1.94	44.99 2.66 -4.34	44.18 2.18 -9.04	45.83 2.26 -10.83	45.25 2.53 -5.47	45.49 2.87 -2.77	49.87 2.72 -3.95	55.32 3.26 -5.45	59.39 3.56 -8.40	75.27 3.80 -16.42	88.21 5.48 -9.65	101.84 7.09 -0.25	127.20 8.75 -1.79	166.82 8.47 -48.31	206.39 13.10 -18.72	286.65 14.28 -89.40	298.80 15.54 -81.42	239.03 15.68 -38.79	256.60 12.63 -97.11	218.04 10.38 -97.17	117.75 7.73 -31.23	105.09 5.51 -39.67	77.24 4.43 -26.15
WATERSIDE___6 8 9 23538	50.34 2.87 -4.02	46.38 2.98 -1.45	44.09 2.85 -3.25	42.11 2.37 -6.77	43.18 2.33 -8.11	43.95 2.61 -4.10	44.67 2.75 -2.08	49.42 3.28 -2.95	54.50 3.82 -4.07	57.84 4.13 -6.28	63.17 5.12 -3.00	78.86 6.50 0.72	92.57 8.88 10.81	116.52 11.78 11.92	135.79 10.78 -14.97	207.45 20.42 -12.46	217.64 21.22 -13.44	250.47 22.40 -26.22	201.97 19.56 2.16	168.35 13.80 -7.69	130.63 8.73 -11.42	74.33 5.83 10.29	69.01 4.79 -4.32	49.68 2.99 -0.04
WATKINRD_115KV_LN8_ILLION 55919	43.84 0.39 0.00	42.28 0.34 0.00	38.29 0.30 0.00	33.20 0.23 0.00	32.98 0.23 0.00	37.55 0.30 0.00	40.20 0.36 0.00	43.58 0.39 0.00	47.12 0.51 0.00	47.95 0.52 0.00	56.34 0.66 -0.63	74.25 1.17 0.00	96.12 1.51 -0.10	120.88 1.40 -2.82	116.46 1.32 -5.10	179.48 1.92 -2.99	188.80 2.20 -3.63	208.05 2.22 -3.99	190.30 2.03 -3.70	153.07 1.62 -4.59	116.12 1.44 -4.20	83.58 1.02 -3.76	63.17 0.84 -2.42	47.26 0.61 0.00
WATSON___69_KV_BK 1 55734	62.53 5.69 -13.38	54.60 5.58 -7.08	47.94 5.13 -4.82	43.96 4.22 -6.77	45.07 4.19 -8.13	45.97 4.62 -4.10	46.94 5.02 -2.08	51.77 5.61 -2.96	66.97 6.94 -13.42	73.94 7.40 -19.11	126.25 8.31 -62.88	149.98 10.74 -66.16	152.54 13.70 -44.34	155.98 17.27 -22.06	235.87 15.96 -109.88	277.20 26.88 -75.75	253.24 27.81 -42.46	293.60 30.48 -61.28	247.87 27.13 -36.18	222.62 21.15 -54.61	153.55 12.93 -30.14	147.70 10.64 -58.27	135.45 8.99 -66.55	104.34 6.25 -51.43
WDELAWARE___HYD 323627	49.23 2.17 -3.61	45.30 2.10 -1.26	42.67 1.86 -2.82	40.42 1.58 -5.87	41.19 1.41 -7.03	42.40 1.60 -3.55	43.44 1.79 -1.80	48.09 2.33 -2.57	52.80 2.66 -3.54	55.83 2.94 -5.46	69.73 4.02 -10.66	84.61 5.26 -6.27	101.94 7.28 -0.16	124.06 7.12 -0.28	129.51 6.71 -12.76	194.43 12.04 -7.83	221.01 12.99 -25.04	238.37 14.54 -21.99	208.26 13.47 -10.23	182.15 9.84 -25.44	144.36 6.18 -27.69	93.52 5.83 -8.90	75.71 4.50 -11.31	56.67 2.56 -7.45
WEST BABYLON___IC 23714	62.09 5.26 -13.38	54.14 5.12 -7.08	47.56 4.75 -4.82	43.66 3.92 -6.77	44.74 3.86 -8.13	45.63 4.28 -4.10	46.55 4.62 -2.08	51.33 5.18 -2.96	66.45 6.43 -13.42	73.41 6.88 -19.10	125.58 7.65 -62.88	138.08 10.01 -54.99	140.18 12.85 -32.83	143.71 16.33 -10.72	221.42 15.07 -96.31	262.41 25.66 -62.18	239.85 26.71 -30.17	257.16 29.07 -26.25	230.90 26.21 -20.13	196.97 19.97 -30.13	152.67 12.04 -30.14	137.84 9.93 -49.12	123.97 8.39 -55.68	81.66 5.79 -29.22
WEST CANADA___HYD 24049	43.67 0.22 0.00	42.20 0.25 0.00	38.18 0.19 0.00	33.14 0.17 0.00	32.91 0.16 0.00	37.44 0.19 0.00	40.04 0.20 0.00	43.45 0.26 0.00	46.93 0.33 0.00	47.81 0.38 0.00	56.12 0.44 -0.63	73.73 0.66 0.00	95.46 0.85 -0.10	120.40 0.93 -2.82	116.01 0.88 -5.10	178.79 1.23 -2.99	187.90 1.29 -3.63	207.26 1.42 -3.99	189.57 1.30 -3.70	152.49 1.04 -4.59	115.47 0.78 -4.20	83.18 0.63 -3.76	62.87 0.54 -2.42	46.98 0.33 0.00



WESTERN_NY_WIND 24143	45.77 1.78 -0.53	43.61 1.47 -0.19	39.56 1.14 -0.44	34.77 0.89 -0.91	34.85 1.02 -1.09	38.80 1.01 -0.55	41.40 1.27 -0.28	44.54 0.95 -0.40	48.60 1.45 -0.55	50.08 1.80 -0.84	59.24 2.53 -1.65	76.02 1.97 -0.97	96.13 1.60 -0.02	119.30 2.56 -0.07	115.08 3.08 -1.97	179.21 2.96 -1.67	189.07 2.37 -3.73	207.01 1.81 -3.35	188.54 2.39 -1.58	154.04 3.23 -3.96	119.08 4.64 -3.96	84.16 4.09 -1.27	64.22 2.70 -1.62	49.96 2.24 -1.07
WESTOVER___LESR 323668	45.72 1.00 -1.26	43.29 0.92 -0.43	39.70 0.76 -0.95	35.58 0.63 -1.98	35.78 0.65 -2.37	39.19 0.74 -1.20	41.37 0.92 -0.61	45.01 0.95 -0.87	49.01 1.21 -1.19	50.79 1.52 -1.84	60.52 1.87 -3.60	77.53 2.34 -2.11	98.73 3.31 -0.92	123.98 4.78 -2.54	121.74 4.84 -6.86	188.78 6.63 -7.57	203.84 7.50 -13.37	222.27 7.87 -12.55	200.51 7.75 -8.19	166.95 6.61 -13.48	127.46 5.08 -11.90	85.77 3.78 -3.19	66.36 2.40 -4.06	50.92 1.59 -2.67
WETHRSFD_WT_PWR 323626	45.29 1.13 -0.71	42.95 0.76 -0.25	39.08 0.53 -0.56	34.54 0.40 -1.17	34.65 0.49 -1.41	38.41 0.45 -0.71	40.92 0.72 -0.36	44.09 0.39 -0.51	48.11 0.79 -0.71	49.75 1.23 -1.09	58.84 1.65 -2.13	76.30 1.97 -1.25	96.14 1.60 -0.03	120.25 3.50 -0.10	116.66 3.96 -2.67	179.89 3.15 -2.17	192.04 4.02 -5.05	209.60 3.22 -4.54	190.59 3.88 -2.15	156.32 4.11 -5.36	120.59 4.75 -5.36	84.53 4.02 -1.72	64.07 1.97 -2.19	49.69 1.59 -1.44
WHAVSTOR_138KV_BK127 55557	49.95 2.65 -3.84	45.94 2.60 -1.39	43.49 2.39 -3.11	41.45 2.01 -6.47	42.46 1.96 -7.75	43.40 2.23 -3.91	44.26 2.43 -1.99	48.96 2.94 -2.83	53.95 3.45 -3.90	57.19 3.75 -6.01	71.37 4.57 -11.75	86.05 6.07 -6.91	103.00 8.32 -0.18	128.27 11.08 -0.53	134.80 10.45 -14.31	204.46 17.98 -11.91	230.54 18.85 -28.72	247.26 20.39 -25.02	214.24 18.09 -11.59	188.84 13.22 -28.76	147.66 8.40 -28.78	93.71 5.67 -9.25	76.15 4.49 -11.75	57.25 2.85 -7.75
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	49.95 2.65 -3.84	45.94 2.60 -1.39	43.49 2.39 -3.11	41.45 2.01 -6.47	42.46 1.96 -7.75	43.40 2.23 -3.91	44.26 2.43 -1.99	48.96 2.94 -2.83	53.95 3.45 -3.90	57.19 3.75 -6.01	71.37 4.57 -11.75	86.05 6.07 -6.91	103.00 8.32 -0.18	128.27 11.08 -0.53	134.80 10.45 -14.31	204.46 17.98 -11.91	230.54 18.85 -28.72	247.26 20.39 -25.02	214.24 18.09 -11.59	188.84 13.22 -28.76	147.66 8.40 -28.78	93.71 5.67 -9.25	76.15 4.49 -11.75	57.25 2.85 -7.75
WHITEHAL_115KV_TB1 80871	58.48 5.34 -9.69	48.41 4.53 -1.94	46.20 3.87 -4.33	45.16 3.17 -9.02	46.87 3.31 -10.81	46.44 3.72 -5.46	46.88 4.26 -2.77	51.15 4.02 -3.95	56.80 4.75 -5.44	60.99 5.17 -8.39	77.17 5.73 -16.39	90.97 8.26 -9.64	105.62 10.87 -0.25	132.09 13.65 -1.78	171.48 13.42 -48.02	213.85 20.60 -18.68	294.28 22.51 -88.80	307.57 24.83 -80.90	247.29 24.18 -38.55	262.91 19.53 -96.52	222.98 15.91 -96.58	121.26 11.42 -31.04	107.37 8.03 -39.43	79.18 6.53 -26.00
WHITEPLN_13_KV_LOAD 356215	50.85 3.39 -4.01	46.71 3.31 -1.45	44.27 3.04 -3.24	42.29 2.57 -6.75	43.39 2.55 -8.09	44.28 2.94 -4.09	45.10 3.19 -2.07	49.90 3.76 -2.95	55.10 4.43 -4.07	58.54 4.84 -6.28	73.10 5.78 -12.26	88.62 8.33 -7.21	105.93 11.25 -0.19	130.75 13.53 -0.55	137.74 12.76 -14.94	208.65 21.65 -12.43	235.72 22.69 -30.06	252.42 24.42 -26.15	218.44 21.78 -12.10	192.90 16.01 -30.03	151.14 10.61 -30.05	95.77 7.33 -9.66	77.86 5.69 -12.27	58.48 3.73 -8.09
WM_FLOYD_69_KV_BK2 356380	61.92 5.08 -13.38	54.02 4.99 -7.08	47.52 4.71 -4.82	43.50 3.76 -6.77	44.58 3.70 -8.13	45.44 4.10 -4.10	46.39 4.46 -2.08	51.16 5.01 -2.96	66.37 6.34 -13.42	73.18 6.64 -19.11	125.37 7.43 -62.89	144.70 9.57 -62.05	152.46 12.29 -45.67	166.11 15.52 -33.94	247.24 14.41 -122.79	286.62 23.39 -88.66	260.73 23.60 -54.16	322.10 25.63 -94.62	259.08 23.07 -51.45	246.96 19.39 -80.72	152.01 11.38 -30.15	147.66 9.53 -59.34	135.81 8.09 -67.81	133.71 5.65 -81.41
WOODARD___115KV_TB2 355635	43.42 -0.17 -0.15	41.90 -0.17 -0.12	38.04 -0.23 -0.28	33.31 -0.23 -0.57	33.21 -0.23 -0.69	37.37 -0.22 -0.35	39.86 -0.16 -0.18	43.18 -0.26 -0.25	46.86 -0.09 -0.35	48.11 0.14 -0.53	57.18 0.28 -1.85	74.05 0.37 -0.61	96.63 0.57 -1.56	125.29 0.82 -7.82	120.00 0.88 -9.08	183.69 1.22 -7.90	191.41 1.28 -7.16	210.24 1.01 -7.39	193.01 0.92 -7.52	159.09 1.17 -11.06	120.38 0.99 -8.90	84.50 0.87 -4.84	63.38 0.36 -3.11	46.75 0.09 0.00
YORK___WARBASSE 23770	50.55 3.09 -4.02	46.54 3.15 -1.45	44.24 3.00 -3.25	42.24 2.51 -6.77	43.25 2.39 -8.11	44.03 2.68 -4.10	44.79 2.87 -2.08	49.60 3.46 -2.95	54.73 4.05 -4.07	58.20 4.46 -6.31	88.70 5.56 -28.09	96.97 7.02 -16.87	117.66 9.64 -13.52	145.06 12.72 -15.69	136.45 11.44 -14.97	208.97 21.82 -12.58	352.71 22.69 -147.05	251.95 23.82 -26.28	234.88 20.86 -29.46	218.97 14.83 -57.28	133.53 9.39 -13.66	118.98 6.30 -33.88	84.53 5.15 -19.47	67.86 3.31 -17.89