

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

01/09/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	69.05	101.28	107.39	89.52	86.91	94.60	120.50	160.06	173.48	169.34	157.44	139.30	117.60	116.45	115.66	120.20	170.76	268.14	223.53	207.22	179.46	139.63	79.72	93.93
24138	6.19	8.97	9.71	8.13	7.97	5.74	4.77	12.82	7.22	4.87	3.82	4.13	3.37	7.39	7.72	8.30	7.90	4.32	5.17	4.56	9.82	11.17	7.12	8.92
	-0.57	-1.58	0.00	0.00	-1.22	-34.19	-70.28	-21.84	-97.16	-119.70	-118.15	-97.11	-83.63	-41.25	-36.68	-35.57	-89.21	-223.41	-169.71	-159.12	-76.58	-21.24	-5.20	0.00
74TH STREET_GT_1	69.24	101.57	107.40	89.60	86.98	94.66	120.59	160.21	173.60	169.38	157.51	139.38	117.64	116.49	115.71	120.21	170.77	268.22	223.65	207.37	179.53	139.73	79.74	93.98
24260	6.39	9.26	9.72	8.21	8.03	5.79	4.85	12.97	7.31	4.87	3.85	4.18	3.37	7.41	7.75	8.29	7.87	4.32	5.24	4.66	9.87	11.26	7.14	8.97
	-0.56	-1.58	0.00	0.00	-1.22	-34.20	-70.30	-21.84	-97.19	-119.73	-118.19	-97.14	-83.66	-41.27	-36.70	-35.59	-89.24	-223.48	-169.76	-159.17	-76.60	-21.24	-5.20	0.00
74TH STREET_GT_2	69.24	101.57	107.40	89.60	86.98	94.66	120.59	160.21	173.60	169.38	157.51	139.38	117.64	116.49	115.71	120.21	170.77	268.22	223.65	207.37	179.53	139.73	79.74	93.98
24261	6.39	9.26	9.72	8.21	8.03	5.79	4.85	12.97	7.31	4.87	3.85	4.18	3.37	7.41	7.75	8.29	7.87	4.32	5.24	4.66	9.87	11.26	7.14	8.97
	-0.56	-1.58	0.00	0.00	-1.22	-34.20	-70.30	-21.84	-97.19	-119.73	-118.19	-97.14	-83.66	-41.27	-36.70	-35.59	-89.24	-223.48	-169.76	-159.17	-76.60	-21.24	-5.20	0.00
ADK HUDSON___FALLS	65.76	98.15	103.35	86.25	84.44	91.78	101.76	132.80	69.46	48.23	50.66	36.52	56.23	71.10	75.37	88.78	76.56	33.47	44.83	39.66	95.92	113.30	72.37	90.17
24011	3.47	5.28	5.67	4.86	5.06	3.81	3.33	8.39	4.72	3.12	2.39	2.39	2.00	4.21	4.80	5.76	5.58	3.08	3.79	3.26	6.29	7.03	4.46	5.16
	0.00	-2.14	0.00	0.00	-1.65	-33.29	-52.99	0.98	4.36	-0.33	-12.80	3.93	-23.63	0.94	0.69	-6.69	2.67	10.03	7.62	7.15	3.44	0.95	-0.49	0.00
ADK RESOURCE___RCVRY	65.93	98.52	103.77	86.65	84.94	92.20	102.07	133.50	69.77	48.41	50.80	36.60	56.34	71.41	75.80	89.32	76.98	33.45	44.94	39.76	96.25	113.73	72.68	90.43
23798	3.64	5.64	6.09	5.27	5.56	4.22	3.63	9.11	5.15	3.44	2.64	2.58	2.18	4.57	5.27	6.34	6.10	3.32	4.11	3.55	6.70	7.49	4.79	5.42
	0.00	-2.14	0.00	0.00	-1.65	-33.31	-52.99	1.00	4.48	-0.20	-12.69	4.04	-23.57	0.99	0.74	-6.66	2.78	10.29	7.82	7.33	3.53	0.98	-0.49	0.00
ADK S GLENS___FALLS	65.76	98.15	103.35	86.25	84.44	91.78	101.76	132.80	69.46	48.23	50.66	36.52	56.23	71.10	75.37	88.78	76.56	33.47	44.83	39.66	95.92	113.30	72.37	90.17
24028	3.47	5.28	5.67	4.86	5.06	3.81	3.33	8.39	4.72	3.12	2.39	2.39	2.00	4.21	4.80	5.76	5.58	3.08	3.79	3.26	6.29	7.03	4.46	5.16
	0.00	-2.14	0.00	0.00	-1.65	-33.29	-52.99	0.98	4.36	-0.33	-12.80	3.93	-23.63	0.94	0.69	-6.69	2.67	10.03	7.62	7.15	3.44	0.95	-0.49	0.00
ADK_NYS___DAM	66.40	98.96	104.12	86.90	84.91	91.69	102.77	134.45	79.02	59.70	60.78	46.66	62.13	76.13	79.76	91.88	85.20	55.59	61.63	55.38	103.74	116.16	73.52	91.17
23527	4.03	6.17	6.44	5.51	5.59	4.05	3.36	7.86	4.65	3.32	2.71	2.91	2.42	5.19	5.58	6.11	5.41	3.03	3.75	3.19	6.51	7.78	5.18	6.16
	-0.09	-2.06	0.00	0.00	-1.59	-32.97	-53.96	-1.19	-5.28	-11.60	-22.59	-5.70	-29.11	-3.12	-2.92	-9.43	-6.13	-12.14	-9.23	-8.65	-4.16	-1.15	-0.93	0.00
AIR_PRODUCTS___DRP	64.86	96.58	101.70	84.64	82.15	88.59	97.30	127.44	63.52	42.38	45.26	32.06	52.44	67.87	71.51	84.14	69.92	23.48	36.33	31.84	89.20	108.50	70.17	88.17
24190	2.57	3.78	4.02	3.25	2.83	2.02	1.67	3.82	2.31	1.65	1.36	1.41	1.20	2.38	2.16	2.29	2.02	1.21	1.46	1.24	2.35	3.00	2.46	3.16
	0.00	-2.07	0.00	0.00	-1.60	-31.90	-50.18	1.77	7.89	4.05	-8.42	7.40	-20.64	2.33	1.91	-5.53	5.76	18.15	13.79	12.93	6.22	1.73	-0.30	0.00
AKWESSNE_115KV_BK	61.27	89.21	96.05	79.85	76.15	53.36	44.43	123.21	67.73	43.67	34.53	37.18	29.81	66.37	69.88	74.78	72.15	23.27	47.34	42.41	91.39	105.89	66.15	83.43
355683	-1.01	-1.52	-1.63	-1.54	-1.58	-1.32	-1.02	-2.19	-1.36	-1.10	-0.94	-0.88	-0.79	-1.45	-1.38	-1.55	-1.51	-1.07	-1.31	-1.13	-1.68	-1.34	-1.26	-1.58
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.07	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	65.53	97.48	102.78	85.61	83.14	89.13	98.34	130.66	69.42	48.54	50.36	36.91	54.83	69.81	73.43	86.12	75.43	35.52	45.84	40.70	94.91	111.47	71.36	89.36
323833	3.25	4.73	5.09	4.22	3.85	2.83	2.39	5.94	3.34	2.12	1.55	1.49	1.27	2.50	2.50	3.26	3.42	2.03	2.45	2.10	4.22	4.90	3.43	4.35
	0.00	-2.02	0.00	0.00	-1.56	-31.63	-50.50	0.68	3.01	-1.64	-13.33	2.63	-22.97	0.51	0.34	-6.53	1.65	6.93	5.26	4.94	2.37	0.66	-0.52	0.00
ALBANY_2_SOLAR	65.49	97.46	102.75	85.59	83.11	89.11	98.31	130.58	69.34	48.47	50.28	36.85	54.79	69.77	73.40	86.11	75.37	35.37	45.71	40.59	94.81	111.40	71.33	89.31
323834	3.21	4.70	5.06	4.20	3.82	2.82	2.36	5.87	3.31	2.11	1.54	1.48	1.26	2.48	2.49	3.26	3.41	2.02	2.42	2.08	4.17	4.84	3.40	4.31
	0.00	-2.02	0.00	0.00	-1.56	-31.62	-50.49	0.69	3.07	-1.58	-13.27	2.69	-22.93	0.53	0.36	-6.52	1.70	7.06	5.36	5.02	2.42	0.67	-0.52	0.00
ALBANY___1	64.86	96.58	101.70	84.64	82.15	88.59	97.30	127.44	63.52	42.38	45.26	32.06	52.44	67.87	71.51	84.14	69.92	23.48	36.33	31.84	89.20	108.50	70.17	88.17
23571	2.57	3.78	4.02	3.25	2.83	2.02	1.67	3.82	2.31	1.65	1.36	1.41	1.20	2.38	2.16	2.29	2.02	1.21	1.46	1.24	2.35	3.00	2.46	3.16
	0.00	-2.07	0.00	0.00	-1.60	-31.90	-50.18	1.77	7.89	4.05	-8.42	7.40	-20.64	2.33	1.91	-5.53	5.76	18.15	13.79	12.93	6.22	1.73	-0.30	0.00

ALBANY___2 23572	64.86 2.57 0.00	96.58 3.78 -2.07	101.70 4.02 0.00	84.64 3.25 0.00	82.15 2.83 -1.60	88.59 2.02 -31.90	97.30 1.67 -50.18	127.44 3.82 1.77	63.52 2.31 7.89	42.38 1.65 4.05	45.26 1.36 -8.42	32.06 1.41 7.40	52.44 1.20 -20.64	67.87 2.38 2.33	71.51 2.16 1.91	84.14 2.29 -5.53	69.92 2.02 5.76	23.48 1.21 18.15	36.33 1.46 13.79	31.84 1.24 12.93	89.20 2.35 6.22	108.50 3.00 1.73	70.17 2.46 -0.30	88.17 3.16 0.00
ALBANY___3 23573	64.86 2.57 0.00	96.58 3.78 -2.07	101.70 4.02 0.00	84.64 3.25 0.00	82.15 2.83 -1.60	88.59 2.02 -31.90	97.30 1.67 -50.18	127.44 3.82 1.77	63.52 2.31 7.89	42.38 1.65 4.05	45.26 1.36 -8.42	32.06 1.41 7.40	52.44 1.20 -20.64	67.87 2.38 2.33	71.51 2.16 1.91	84.14 2.29 -5.53	69.92 2.02 5.76	23.48 1.21 18.15	36.33 1.46 13.79	31.84 1.24 12.93	89.20 2.35 6.22	108.50 3.00 1.73	70.17 2.46 -0.30	88.17 3.16 0.00
ALBANY___4 23574	64.86 2.57 0.00	96.58 3.78 -2.07	101.70 4.02 0.00	84.64 3.25 0.00	82.15 2.83 -1.60	88.59 2.02 -31.90	97.30 1.67 -50.18	127.44 3.82 1.77	63.52 2.31 7.89	42.38 1.65 4.05	45.26 1.36 -8.42	32.06 1.41 7.40	52.44 1.20 -20.64	67.87 2.38 2.33	71.51 2.16 1.91	84.14 2.29 -5.53	69.92 2.02 5.76	23.48 1.21 18.15	36.33 1.46 13.79	31.84 1.24 12.93	89.20 2.35 6.22	108.50 3.00 1.73	70.17 2.46 -0.30	88.17 3.16 0.00
ALBANY___LFGE 323615	65.31 3.03 0.00	97.27 4.45 -2.09	102.39 4.71 0.00	85.27 3.88 0.00	82.88 3.53 -1.61	89.59 2.54 -32.38	98.80 2.14 -51.21	129.17 5.17 1.40	65.87 3.02 6.24	44.87 2.11 2.02	47.57 1.72 -10.38	34.07 1.78 5.77	54.03 1.50 -21.94	69.23 3.08 1.66	72.95 3.01 1.33	85.63 3.24 -6.06	72.37 3.01 4.30	27.82 1.75 14.34	39.85 2.09 10.90	35.11 1.79 10.22	91.67 3.52 4.92	110.12 4.25 1.36	70.93 3.13 -0.39	88.96 3.95 0.00
ALCOA_PA_115KV_PL-6C 55860	61.25 -1.04 0.00	89.19 -1.54 0.00	96.01 -1.67 0.00	79.83 -1.56 0.00	76.15 -1.58 0.00	53.37 -1.31 0.00	44.47 -0.98 0.00	123.31 -2.09 0.00	67.79 -1.31 0.00	43.68 -1.09 0.00	34.52 -0.96 0.00	37.14 -0.91 0.00	29.78 -0.82 0.00	66.30 -1.52 0.00	69.77 -1.50 0.00	74.68 -1.64 0.00	72.14 -1.52 0.00	23.18 -1.28 15.96	47.10 -1.55 0.00	42.20 -1.34 0.00	91.36 -1.71 0.00	106.13 -1.10 0.00	66.35 -1.06 0.00	83.71 -1.30 0.00
ALCOA_RYNLDS___DRP 24188	61.25 -1.04 0.00	89.19 -1.54 0.00	96.01 -1.67 0.00	79.83 -1.56 0.00	76.15 -1.58 0.00	53.37 -1.31 0.00	44.47 -0.98 0.00	123.31 -2.09 0.00	67.79 -1.31 0.00	43.68 -1.09 0.00	34.52 -0.96 0.00	37.14 -0.91 0.00	29.78 -0.82 0.00	66.30 -1.52 0.00	69.77 -1.50 0.00	74.68 -1.64 0.00	72.14 -1.52 0.00	23.18 -1.28 15.96	47.10 -1.55 0.00	42.20 -1.34 0.00	91.36 -1.71 0.00	106.13 -1.10 0.00	66.35 -1.06 0.00	83.71 -1.30 0.00
ALCOA___DSASP 323711	61.25 -1.04 0.00	89.19 -1.54 0.00	96.01 -1.67 0.00	79.83 -1.56 0.00	76.14 -1.59 0.00	53.37 -1.31 0.00	44.46 -0.98 0.00	123.31 -2.09 0.00	67.78 -1.31 0.00	43.69 -1.09 0.00	34.52 -0.96 0.00	37.15 -0.91 0.00	29.77 -0.83 0.00	66.32 -1.50 0.00	69.75 -1.52 0.00	74.69 -1.64 0.00	72.12 -1.53 0.00	23.17 -1.29 15.96	47.11 -1.55 0.00	42.21 -1.33 0.00	91.36 -1.70 0.00	106.13 -1.10 0.00	66.35 -1.06 0.00	83.71 -1.30 0.00
ALLEGHENY___COGEN 23514	62.27 -0.02 0.00	90.23 -0.80 -0.30	96.35 -1.33 0.00	80.46 -0.93 0.00	77.32 -0.63 -0.23	59.51 -0.28 -5.12	54.34 -0.07 -8.96	127.58 1.15 -1.03	73.96 0.31 -4.56	59.90 -0.12 -15.23	58.31 -0.56 -23.40	56.39 -1.00 -19.33	60.19 -0.95 -30.55	99.35 -2.64 -34.18	109.60 -3.20 -41.54	100.57 -3.15 -27.40	93.69 -0.73 -20.76	85.37 0.14 -44.82	107.52 0.45 -58.42	107.18 0.53 -63.12	119.02 0.39 -25.57	107.43 -1.09 -1.29	67.08 -0.65 -0.32	84.55 -0.45 0.00
ALTAMONT_115KV_TB 2 55880	64.76 2.48 0.00	96.43 3.63 -2.07	101.58 3.89 0.00	84.65 3.26 0.00	82.40 3.08 -1.60	88.48 2.24 -31.57	96.50 1.88 -49.17	127.55 4.61 2.46	60.84 2.67 10.92	38.94 1.82 7.66	42.05 1.45 -5.12	29.15 1.49 10.40	50.52 1.23 -18.69	66.87 2.60 3.55	70.91 2.63 2.99	83.94 2.94 -4.67	68.01 2.79 8.44	16.92 1.62 25.11	31.56 1.98 19.08	27.37 1.72 17.89	87.89 3.43 8.61	108.82 3.99 2.39	70.32 2.76 -0.16	88.45 3.44 0.00
ALTONA_WT_PWR 323606	60.13 -2.15 0.00	87.77 -2.96 0.00	94.40 -3.28 0.00	78.40 -2.99 0.00	74.66 -3.07 0.00	52.18 -2.50 0.00	-7.58 -2.03 51.00	5.64 -4.94 114.81	53.29 -2.84 12.97	42.83 -1.94 0.00	33.87 -1.61 0.00	36.38 -1.68 0.00	29.17 -1.43 0.00	19.19 -2.98 45.65	68.38 -2.89 0.00	73.60 -2.73 0.00	70.80 -2.85 0.00	22.46 -1.87 16.09	46.43 -2.22 0.00	41.62 -1.91 0.00	77.93 -3.71 11.43	103.89 -3.34 0.00	65.37 -2.04 0.00	82.51 -2.50 0.00
AMERICAN_REF_FUEL 24010	55.97 -6.31 0.00	80.97 -10.02 -0.26	86.07 -11.61 0.00	71.96 -9.43 0.00	69.50 -8.43 -0.20	53.18 -6.03 -4.54	47.74 -5.66 -7.95	111.84 -14.47 -0.90	64.76 -8.36 -4.02	42.71 -5.49 -3.42	33.97 -4.39 -2.89	34.01 -4.55 -0.51	26.82 -3.58 0.20	54.22 -7.65 5.94	55.20 -8.20 7.86	63.02 -9.20 4.11	65.07 -8.01 0.57	37.39 -4.50 -1.48	39.43 -4.86 4.36	33.31 -4.27 5.95	80.79 -10.48 1.80	94.23 -13.81 -0.81	59.69 -8.00 -0.28	76.08 -8.93 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	58.85 -3.43 0.00	84.97 -6.05 -0.29	90.71 -6.98 0.00	75.89 -5.50 0.00	72.66 -5.30 -0.23	55.74 -4.00 -5.06	50.50 -3.81 -8.86	116.51 -9.90 -1.01	68.16 -5.44 -4.51	45.25 -3.53 -4.01	35.49 -3.53 -3.54	35.40 -3.53 -0.87	28.05 -2.79 -0.25	55.97 -5.85 6.00	56.80 -6.47 8.00	64.91 -7.32 4.10	67.68 -5.68 0.29	39.68 -3.07 -2.34	41.24 -3.51 3.90	34.92 -3.02 5.60	84.94 -6.54 1.58	99.17 -8.98 -0.92	62.47 -5.25 -0.31	79.95 -5.06 0.00
ARTHUR KILL_GT_1 23520	87.42 6.45 -18.69	153.20 9.76 -52.71	150.60 10.26 -42.66	150.32 8.67 -60.26	150.31 8.42 -64.16	151.89 5.99 -91.23	155.83 4.90 -105.47	160.97 12.33 -23.25	157.48 6.64 -81.74	159.14 4.40 -109.97	122.25 3.50 -83.28	120.66 3.70 -78.90	106.01 3.04 -72.38	105.70 6.75 -31.13	98.77 7.25 -20.25	114.76 7.52 -30.91	163.84 7.17 -83.01	262.05 3.99 -217.64	217.15 4.83 -163.67	194.51 4.44 -146.53	166.04 9.73 -63.25	146.81 11.24 -28.34	113.72 7.13 -39.18	97.83 8.82 -4.00
ARTHUR_KILL_2 23512	87.22 6.25 -18.69	152.90 9.46 -52.71	150.29 9.95 -42.66	150.05 8.40 -60.26	150.05 8.17 -64.16	151.71 5.82 -91.23	155.67 4.75 -105.47	160.52 11.88 -23.25	157.25 6.41 -81.74	158.99 4.24 -109.97	122.14 3.38 -83.28	120.54 3.58 -78.90	105.93 2.95 -72.38	105.50 6.55 -31.13	98.55 7.03 -20.25	114.51 7.27 -30.91	163.57 6.90 -83.01	261.89 3.83 -217.64	216.96 4.63 -163.67	194.34 4.27 -146.53	165.67 9.35 -63.25	146.39 10.83 -28.34	113.49 6.90 -39.18	97.56 8.54 -4.00
ARTHUR_KILL_3 23513	86.66 5.54 -18.83	152.50 8.02 -53.74	148.85 8.36 -42.81	148.75 7.10 -60.27	148.85 6.96 -64.16	150.93 5.03 -91.23	155.21 4.15 -105.62	160.23 11.04 -23.79	164.76 6.19 -89.47	165.88 4.21 -116.90	141.47 3.25 -102.74	130.15 3.52 -88.57	117.14 2.90 -83.65	116.61 6.33 -42.46	122.14 6.57 -44.31	127.16 7.04 -43.79	171.14 6.61 -90.87	230.80 3.63 -186.75	220.11 4.37 -167.09	206.03 3.86 -158.63	178.14 8.48 -76.59	166.19 9.76 -49.21	120.99 6.21 -47.38	96.87 7.85 -4.00

ARTHUR_KILL_COGEN 323718	87.42 6.45 -18.69	153.20 9.76 -52.71	150.60 10.26 -42.66	150.32 8.67 -60.26	150.31 8.42 -64.16	151.89 5.99 -91.23	155.83 4.90 -105.47	160.97 12.33 -23.25	157.48 6.64 -81.74	159.14 4.40 -109.97	122.25 3.50 -83.28	120.66 3.70 -78.90	106.01 3.04 -72.38	105.70 6.75 -31.13	98.77 7.25 -20.25	114.76 7.52 -30.91	163.84 7.17 -83.01	262.05 3.99 -217.64	217.15 4.83 -163.67	194.51 4.44 -146.53	166.04 9.73 -63.25	146.81 11.24 -28.34	113.72 7.13 -39.18	97.83 8.82 -4.00
ASHOKAN____ 23654	69.20 6.91 0.00	102.40 9.83 -1.84	108.26 10.57 0.00	90.27 8.88 0.00	87.64 8.50 -1.42	92.92 6.30 -31.95	107.40 5.60 -56.35	148.48 16.09 -6.99	109.16 8.95 -31.12	92.17 5.63 -41.77	88.34 4.10 -48.77	72.77 3.92 -30.79	74.85 3.10 -41.16	86.64 6.42 -12.41	89.24 7.07 -10.91	98.77 8.11 -14.32	109.94 8.88 -27.40	117.26 5.30 -71.55	109.41 6.41 -54.35	100.14 5.64 -50.96	129.16 11.57 -24.52	126.39 12.37 -6.80	77.13 7.62 -2.10	94.34 9.33 0.00
ASTORIA_EAST_ENERGY_CC1 323581	68.85 6.00 -0.57	100.99 8.67 -1.59	106.78 9.10 0.00	89.02 7.62 0.00	86.42 7.47 -1.22	94.25 5.37 -34.20	120.44 4.69 -70.30	158.94 11.70 -21.84	172.85 6.56 -97.19	168.93 4.42 -119.73	157.08 3.42 -118.19	138.90 3.70 -97.14	117.22 2.96 -83.66	115.58 6.49 -41.27	114.64 6.67 -36.70	119.29 7.38 -35.59	169.75 6.84 -89.25	267.72 3.82 -223.48	222.98 4.57 -169.76	206.80 4.09 -159.17	178.55 8.88 -76.60	138.57 10.10 -21.25	79.04 6.43 -5.20	93.39 8.37 0.00
ASTORIA_EAST_ENERGY_CC2 323582	68.84 5.99 -0.57	100.99 8.67 -1.59	106.78 9.09 0.00	89.02 7.62 0.00	86.42 7.47 -1.22	94.25 5.37 -34.20	120.44 4.69 -70.30	158.94 11.70 -21.84	172.85 6.56 -97.19	168.93 4.42 -119.73	157.08 3.42 -118.19	138.90 3.70 -97.14	117.22 2.96 -83.66	115.58 6.49 -41.27	114.64 6.67 -36.70	119.29 7.38 -35.59	169.75 6.84 -89.25	267.72 3.82 -223.48	222.98 4.57 -169.76	206.80 4.09 -159.17	178.55 8.88 -76.60	138.57 10.10 -21.25	79.04 6.43 -5.20	93.38 8.36 0.00
ASTORIA_GT2_1 24094	68.88 6.03 -0.57	101.00 8.68 -1.59	106.79 9.11 0.00	89.03 7.64 0.00	86.44 7.49 -1.22	94.27 5.39 -34.20	120.44 4.69 -70.30	159.18 11.94 -21.84	172.95 6.66 -97.19	168.95 4.44 -119.73	157.15 3.49 -118.19	139.01 3.81 -97.14	117.27 3.00 -83.66	115.70 6.61 -41.27	114.77 6.80 -36.70	119.34 7.42 -35.59	169.88 6.98 -89.25	267.79 3.89 -223.48	223.12 4.70 -169.76	206.95 4.24 -159.17	178.64 8.97 -76.60	138.64 10.16 -21.25	79.09 6.48 -5.20	93.41 8.39 -0.01
ASTORIA_GT2_2 24095	68.88 6.03 -0.57	101.00 8.68 -1.59	106.79 9.11 0.00	89.03 7.64 0.00	86.44 7.49 -1.22	94.27 5.39 -34.20	120.44 4.69 -70.30	159.18 11.94 -21.84	172.95 6.66 -97.19	168.95 4.44 -119.73	157.15 3.49 -118.19	139.01 3.81 -97.14	117.27 3.00 -83.66	115.70 6.61 -41.27	114.77 6.80 -36.70	119.34 7.42 -35.59	169.88 6.98 -89.25	267.79 3.89 -223.48	223.12 4.70 -169.76	206.95 4.24 -159.17	178.64 8.97 -76.60	138.64 10.16 -21.25	79.09 6.48 -5.20	93.41 8.39 -0.01
ASTORIA_GT2_3 24096	68.88 6.03 -0.57	101.00 8.68 -1.59	106.79 9.11 0.00	89.03 7.64 0.00	86.44 7.49 -1.22	94.27 5.39 -34.20	120.44 4.69 -70.30	159.18 11.94 -21.84	172.95 6.66 -97.19	168.95 4.44 -119.73	157.15 3.49 -118.19	139.01 3.81 -97.14	117.27 3.00 -83.66	115.70 6.61 -41.27	114.77 6.80 -36.70	119.34 7.42 -35.59	169.88 6.98 -89.25	267.79 3.89 -223.48	223.12 4.70 -169.76	206.95 4.24 -159.17	178.64 8.97 -76.60	138.64 10.16 -21.25	79.09 6.48 -5.20	93.41 8.39 -0.01
ASTORIA_GT2_4 24097	68.88 6.03 -0.57	101.00 8.68 -1.59	106.79 9.11 0.00	89.03 7.64 0.00	86.44 7.49 -1.22	94.27 5.39 -34.20	120.44 4.69 -70.30	159.18 11.94 -21.84	172.95 6.66 -97.19	168.95 4.44 -119.73	157.15 3.49 -118.19	139.01 3.81 -97.14	117.27 3.00 -83.66	115.70 6.61 -41.27	114.77 6.80 -36.70	119.34 7.42 -35.59	169.88 6.98 -89.25	267.79 3.89 -223.48	223.12 4.70 -169.76	206.95 4.24 -159.17	178.64 8.97 -76.60	138.64 10.16 -21.25	79.09 6.48 -5.20	93.41 8.39 -0.01
ASTORIA_GT3_1 24098	68.88 6.03 -0.57	101.00 8.68 -1.59	106.79 9.11 0.00	89.03 7.64 0.00	86.44 7.49 -1.22	94.27 5.39 -34.20	120.44 4.69 -70.30	159.18 11.94 -21.84	172.95 6.66 -97.19	168.95 4.44 -119.73	157.15 3.49 -118.19	139.01 3.81 -97.14	117.27 3.00 -83.66	115.70 6.61 -41.27	114.77 6.80 -36.70	119.34 7.42 -35.59	169.88 6.98 -89.25	267.79 3.89 -223.48	223.12 4.70 -169.76	206.95 4.24 -159.17	178.64 8.97 -76.60	138.64 10.16 -21.25	79.09 6.48 -5.20	93.41 8.39 -0.01
ASTORIA_GT3_2 24099	68.88 6.03 -0.57	101.00 8.68 -1.59	106.79 9.11 0.00	89.03 7.64 0.00	86.44 7.49 -1.22	94.27 5.39 -34.20	120.44 4.69 -70.30	159.18 11.94 -21.84	172.95 6.66 -97.19	168.95 4.44 -119.73	157.15 3.49 -118.19	139.01 3.81 -97.14	117.27 3.00 -83.66	115.70 6.61 -41.27	114.77 6.80 -36.70	119.34 7.42 -35.59	169.88 6.98 -89.25	267.79 3.89 -223.48	223.12 4.70 -169.76	206.95 4.24 -159.17	178.64 8.97 -76.60	138.64 10.16 -21.25	79.09 6.48 -5.20	93.41 8.39 -0.01
ASTORIA_GT3_3 24100	68.88 6.03 -0.57	101.00 8.68 -1.59	106.79 9.11 0.00	89.03 7.64 0.00	86.44 7.49 -1.22	94.27 5.39 -34.20	120.44 4.69 -70.30	159.18 11.94 -21.84	172.95 6.66 -97.19	168.95 4.44 -119.73	157.15 3.49 -118.19	139.01 3.81 -97.14	117.27 3.00 -83.66	115.70 6.61 -41.27	114.77 6.80 -36.70	119.34 7.42 -35.59	169.88 6.98 -89.25	267.79 3.89 -223.48	223.12 4.70 -169.76	206.95 4.24 -159.17	178.64 8.97 -76.60	138.64 10.16 -21.25	79.09 6.48 -5.20	93.41 8.39 -0.01
ASTORIA_GT3_4 24101	68.88 6.03 -0.57	101.00 8.68 -1.59	106.79 9.11 0.00	89.03 7.64 0.00	86.44 7.49 -1.22	94.27 5.39 -34.20	120.44 4.69 -70.30	159.18 11.94 -21.84	172.95 6.66 -97.19	168.95 4.44 -119.73	157.15 3.49 -118.19	139.01 3.81 -97.14	117.27 3.00 -83.66	115.70 6.61 -41.27	114.77 6.80 -36.70	119.34 7.42 -35.59	169.88 6.98 -89.25	267.79 3.89 -223.48	223.12 4.70 -169.76	206.95 4.24 -159.17	178.64 8.97 -76.60	138.64 10.16 -21.25	79.09 6.48 -5.20	93.41 8.39 -0.01
ASTORIA_GT4_1 24102	68.88 6.03 -0.57	101.00 8.68 -1.59	106.79 9.11 0.00	89.03 7.64 0.00	86.44 7.49 -1.22	94.27 5.39 -34.20	120.44 4.69 -70.30	159.18 11.94 -21.84	172.95 6.66 -97.19	168.95 4.44 -119.73	157.15 3.49 -118.19	139.01 3.81 -97.14	117.27 3.00 -83.66	115.70 6.61 -41.27	114.77 6.80 -36.70	119.34 7.42 -35.59	169.88 6.98 -89.25	267.79 3.89 -223.48	223.12 4.70 -169.76	206.95 4.24 -159.17	178.64 8.97 -76.60	138.64 10.16 -21.25	79.09 6.48 -5.20	93.41 8.39 -0.01
ASTORIA_GT4_2 24103	68.88 6.03 -0.57	101.00 8.68 -1.59	106.79 9.11 0.00	89.03 7.64 0.00	86.44 7.49 -1.22	94.27 5.39 -34.20	120.44 4.69 -70.30	159.18 11.94 -21.84	172.95 6.66 -97.19	168.95 4.44 -119.73	157.15 3.49 -118.19	139.01 3.81 -97.14	117.27 3.00 -83.66	115.70 6.61 -41.27	114.77 6.80 -36.70	119.34 7.42 -35.59	169.88 6.98 -89.25	267.79 3.89 -223.48	223.12 4.70 -169.76	206.95 4.24 -159.17	178.64 8.97 -76.60	138.64 10.16 -21.25	79.09 6.48 -5.20	93.41 8.39 -0.01
ASTORIA_GT4_3 24104	68.88 6.03 -0.57	101.00 8.68 -1.59	106.79 9.11 0.00	89.03 7.64 0.00	86.44 7.49 -1.22	94.27 5.39 -34.20	120.44 4.69 -70.30	159.18 11.94 -21.84	172.95 6.66 -97.19	168.95 4.44 -119.73	157.15 3.49 -118.19	139.01 3.81 -97.14	117.27 3.00 -83.66	115.70 6.61 -41.27	114.77 6.80 -36.70	119.34 7.42 -35.59	169.88 6.98 -89.25	267.79 3.89 -223.48	223.12 4.70 -169.76	206.95 4.24 -159.17	178.64 8.97 -76.60	138.64 10.16 -21.25	79.09 6.48 -5.20	93.41 8.39 -0.01

ASTORIA_GT4_4 24105	68.88 6.03 -0.57	101.00 8.68 -1.59	106.79 9.11 0.00	89.03 7.64 0.00	86.44 7.49 -1.22	94.27 5.39 -34.20	120.44 4.69 -70.30	159.18 11.94 -21.84	172.95 6.66 -97.19	168.95 4.44 -119.73	157.15 3.49 -118.19	139.01 3.81 -97.14	117.27 3.00 -83.66	115.70 6.61 -41.27	114.77 6.80 -36.70	119.34 7.42 -35.59	169.88 6.98 -89.25	267.79 3.89 -223.48	223.12 4.70 -169.76	206.95 4.24 -159.17	178.64 8.97 -76.60	138.64 10.16 -21.25	79.09 6.48 -5.20	93.41 8.39 -0.01
ASTORIA_GT_1 23523	69.01 6.15 -0.57	101.18 8.86 -1.59	106.98 9.30 0.00	89.19 7.79 0.00	86.58 7.63 -1.22	94.38 5.50 -34.20	120.55 4.80 -70.30	159.28 12.03 -21.84	173.05 6.76 -97.19	169.06 4.55 -119.73	157.18 3.53 -118.19	139.01 3.81 -97.14	117.31 3.05 -83.66	115.78 6.69 -41.27	114.85 6.89 -36.70	119.52 7.61 -35.59	169.97 7.06 -89.25	267.85 3.96 -223.48	223.13 4.72 -169.76	206.95 4.24 -159.17	178.83 9.16 -76.60	138.89 10.41 -21.25	79.23 6.62 -5.20	93.60 8.58 0.00
ASTORIA_GT_10 24110	69.09 6.24 -0.57	101.35 9.03 -1.59	107.12 9.44 0.00	89.35 7.96 0.00	86.72 7.77 -1.22	94.42 5.55 -34.20	120.42 4.67 -70.30	159.56 12.32 -21.84	173.20 6.91 -97.19	169.12 4.61 -119.73	157.32 3.66 -118.19	139.22 4.02 -97.14	117.49 3.23 -83.66	116.21 7.12 -41.27	115.32 7.36 -36.70	119.80 7.88 -35.59	170.36 7.46 -89.25	267.98 4.09 -223.48	223.35 4.93 -169.76	207.13 4.42 -159.17	179.03 9.36 -76.60	139.35 10.88 -21.25	79.54 6.93 -5.20	93.74 8.73 -0.01
ASTORIA_GT_11 24225	69.09 6.24 -0.57	101.35 9.03 -1.59	107.12 9.44 0.00	89.35 7.96 0.00	86.72 7.77 -1.22	94.42 5.55 -34.20	120.42 4.67 -70.30	159.56 12.32 -21.84	173.20 6.91 -97.19	169.12 4.61 -119.73	157.32 3.66 -118.19	139.22 4.02 -97.14	117.49 3.23 -83.66	116.21 7.12 -41.27	115.32 7.36 -36.70	119.80 7.88 -35.59	170.36 7.46 -89.25	267.98 4.09 -223.48	223.35 4.93 -169.76	207.13 4.42 -159.17	179.03 9.36 -76.60	139.35 10.88 -21.25	79.54 6.93 -5.20	93.74 8.73 -0.01
ASTORIA_GT_12 24226	69.09 6.24 -0.57	101.35 9.03 -1.59	107.12 9.44 0.00	89.35 7.96 0.00	86.72 7.77 -1.22	94.42 5.55 -34.20	120.42 4.67 -70.30	159.56 12.32 -21.84	173.20 6.91 -97.19	169.12 4.61 -119.73	157.32 3.66 -118.19	139.22 4.02 -97.14	117.49 3.23 -83.66	116.21 7.12 -41.27	115.32 7.36 -36.70	119.80 7.88 -35.59	170.36 7.46 -89.25	267.98 4.09 -223.48	223.35 4.93 -169.76	207.13 4.42 -159.17	179.03 9.36 -76.60	139.35 10.88 -21.25	79.54 6.93 -5.20	93.74 8.73 -0.01
ASTORIA_GT_13 24227	69.09 6.24 -0.57	101.35 9.03 -1.59	107.12 9.44 0.00	89.35 7.96 0.00	86.72 7.77 -1.22	94.42 5.55 -34.20	120.42 4.67 -70.30	159.56 12.32 -21.84	173.20 6.91 -97.19	169.12 4.61 -119.73	157.32 3.66 -118.19	139.22 4.02 -97.14	117.49 3.23 -83.66	116.21 7.12 -41.27	115.32 7.36 -36.70	119.80 7.88 -35.59	170.36 7.46 -89.25	267.98 4.09 -223.48	223.35 4.93 -169.76	207.13 4.42 -159.17	179.03 9.36 -76.60	139.35 10.88 -21.25	79.54 6.93 -5.20	93.74 8.73 -0.01
ASTORIA_GT_5 24106	69.01 6.15 -0.57	101.18 8.86 -1.59	106.98 9.30 0.00	89.18 7.79 0.00	86.58 7.63 -1.22	94.37 5.50 -34.20	120.56 4.81 -70.30	159.49 12.25 -21.84	173.14 6.85 -97.19	169.04 4.53 -119.73	157.24 3.58 -118.19	139.11 3.91 -97.14	117.34 3.08 -83.66	115.89 6.79 -41.27	114.93 6.96 -36.70	119.51 7.60 -35.59	170.05 7.15 -89.25	267.89 3.99 -223.48	223.24 4.83 -169.76	207.06 4.35 -159.17	178.84 9.16 -76.60	138.89 10.42 -21.25	79.23 6.62 -5.20	93.60 8.58 -0.01
ASTORIA_GT_7 24107	69.01 6.15 -0.57	101.18 8.86 -1.59	106.98 9.30 0.00	89.18 7.79 0.00	86.58 7.63 -1.22	94.37 5.50 -34.20	120.56 4.81 -70.30	159.49 12.25 -21.84	173.14 6.85 -97.19	169.04 4.53 -119.73	157.24 3.58 -118.19	139.11 3.91 -97.14	117.34 3.08 -83.66	115.89 6.79 -41.27	114.93 6.96 -36.70	119.51 7.60 -35.59	170.05 7.15 -89.25	267.89 3.99 -223.48	223.24 4.83 -169.76	207.06 4.35 -159.17	178.84 9.16 -76.60	138.89 10.42 -21.25	79.23 6.62 -5.20	93.60 8.58 -0.01
ASTORIA_GT_8 24108	69.01 6.15 -0.57	101.18 8.86 -1.59	106.98 9.30 0.00	89.18 7.79 0.00	86.58 7.63 -1.22	94.37 5.50 -34.20	120.56 4.81 -70.30	159.49 12.25 -21.84	173.14 6.85 -97.19	169.04 4.53 -119.73	157.24 3.58 -118.19	139.11 3.91 -97.14	117.34 3.08 -83.66	115.89 6.79 -41.27	114.93 6.96 -36.70	119.51 7.60 -35.59	170.05 7.15 -89.25	267.89 3.99 -223.48	223.24 4.83 -169.76	207.06 4.35 -159.17	178.84 9.16 -76.60	138.89 10.42 -21.25	79.23 6.62 -5.20	93.60 8.58 -0.01
ASTORIA___2 24149	68.88 6.03 -0.57	101.00 8.68 -1.59	106.79 9.11 0.00	89.04 7.65 0.00	86.45 7.49 -1.22	94.27 5.39 -34.20	120.44 4.69 -70.30	158.99 11.74 -21.84	172.87 6.58 -97.19	168.96 4.45 -119.73	157.09 3.43 -118.19	138.93 3.73 -97.14	117.24 2.98 -83.66	115.62 6.53 -41.27	114.68 6.72 -36.70	119.32 7.40 -35.59	169.79 6.89 -89.25	267.73 3.84 -223.48	223.01 4.59 -169.76	206.84 4.13 -159.17	178.63 8.96 -76.60	138.63 10.15 -21.25	79.09 6.48 -5.20	93.41 8.40 0.00
ASTORIA___3 23516	69.09 6.24 -0.57	101.35 9.03 -1.59	107.13 9.44 0.00	89.36 7.96 0.00	86.72 7.77 -1.22	94.42 5.55 -34.20	120.43 4.68 -70.30	159.45 12.21 -21.84	173.13 6.84 -97.19	169.13 4.62 -119.73	157.27 3.62 -118.19	139.14 3.94 -97.14	117.47 3.21 -83.66	116.11 7.02 -41.27	115.27 7.31 -36.70	119.79 7.88 -35.59	170.27 7.37 -89.25	267.94 4.05 -223.48	223.26 4.84 -169.76	207.02 4.32 -159.17	179.01 9.34 -76.60	139.36 10.89 -21.25	79.55 6.93 -5.20	93.74 8.73 -0.01
ASTORIA___4 23517	69.09 6.24 -0.57	101.35 9.03 -1.59	107.12 9.44 0.00	89.35 7.96 0.00	86.72 7.77 -1.22	94.42 5.55 -34.20	120.42 4.67 -70.30	159.56 12.32 -21.84	173.20 6.91 -97.19	169.12 4.61 -119.73	157.32 3.66 -118.19	139.22 4.02 -97.14	117.49 3.23 -83.66	116.21 7.12 -41.27	115.32 7.36 -36.70	119.80 7.88 -35.59	170.36 7.46 -89.25	267.98 4.09 -223.48	223.35 4.93 -169.76	207.13 4.42 -159.17	179.03 9.36 -76.60	139.35 10.88 -21.25	79.54 6.93 -5.20	93.74 8.73 -0.01
ASTORIA___5 23518	69.09 6.24 -0.57	101.35 9.03 -1.59	107.13 9.44 0.00	89.36 7.96 0.00	86.72 7.77 -1.22	94.42 5.55 -34.20	120.43 4.68 -70.30	159.45 12.21 -21.84	173.13 6.84 -97.19	169.13 4.62 -119.73	157.27 3.62 -118.19	139.14 3.94 -97.14	117.47 3.21 -83.66	116.11 7.02 -41.27	115.27 7.31 -36.70	119.79 7.88 -35.59	170.27 7.37 -89.25	267.94 4.05 -223.48	223.26 4.84 -169.76	207.02 4.32 -159.17	179.01 9.34 -76.60	139.36 10.89 -21.25	79.55 6.93 -5.20	93.74 8.73 -0.01
AST_ENERGY_2_CC3 323677	68.78 5.93 -0.56	100.92 8.60 -1.58	106.67 8.99 0.00	88.99 7.60 0.00	86.38 7.43 -1.22	94.18 5.31 -34.20	120.04 4.30 -70.29	158.71 11.47 -21.84	172.82 6.55 -97.18	168.91 4.42 -119.72	157.05 3.41 -118.17	138.90 3.72 -97.13	117.25 3.00 -83.65	115.68 6.60 -41.26	114.81 6.85 -36.69	119.16 7.25 -35.58	169.73 6.85 -89.23	267.61 3.74 -223.45	222.92 4.53 -169.74	206.68 3.99 -159.15	178.43 8.77 -76.59	138.38 9.92 -21.24	78.96 6.34 -5.20	93.18 8.17 0.00
AST_ENERGY_2_CC4 323678	68.78 5.93 -0.56	100.92 8.60 -1.58	106.67 8.99 0.00	88.99 7.60 0.00	86.38 7.43 -1.22	94.18 5.31 -34.20	120.04 4.30 -70.29	158.71 11.47 -21.84	172.82 6.55 -97.18	168.91 4.42 -119.72	157.05 3.41 -118.17	138.90 3.72 -97.13	117.25 3.00 -83.65	115.68 6.60 -41.26	114.81 6.85 -36.69	119.16 7.25 -35.58	169.73 6.85 -89.23	267.61 3.74 -223.45	222.92 4.53 -169.74	206.68 3.99 -159.15	178.43 8.77 -76.59	138.38 9.92 -21.24	78.96 6.34 -5.20	93.18 8.17 0.00

ATHENS_STG_1 23668	65.57 3.14 -0.14	97.15 4.58 -1.84	102.60 4.91 0.00	85.57 4.18 0.00	83.20 4.05 -1.42	100.53 2.93 -42.93	139.96 2.46 -92.06	164.47 6.15 -32.92	219.08 3.51 -146.48	226.21 2.40 -179.04	211.04 1.93 -173.63	185.36 2.03 -145.28	148.16 1.67 -115.89	131.19 3.56 -59.81	127.79 3.71 -52.82	128.66 4.04 -48.29	208.45 3.77 -131.02	379.34 2.13 -336.80	307.07 2.58 -255.84	285.69 2.27 -239.88	213.25 4.74 -115.44	144.66 5.42 -32.01	78.66 3.59 -7.66	89.53 4.52 0.00
ATHENS_STG_2 23670	65.57 3.14 -0.14	97.15 4.58 -1.84	102.60 4.91 0.00	85.57 4.18 0.00	83.20 4.05 -1.42	100.53 2.93 -42.93	139.96 2.46 -92.06	164.47 6.15 -32.92	219.08 3.51 -146.48	226.21 2.40 -179.04	211.04 1.93 -173.63	185.36 2.03 -145.28	148.16 1.67 -115.89	131.19 3.56 -59.81	127.79 3.71 -52.82	128.66 4.04 -48.29	208.45 3.77 -131.02	379.34 2.13 -336.80	307.07 2.58 -255.84	285.69 2.27 -239.88	213.25 4.74 -115.44	144.66 5.42 -32.01	78.66 3.59 -7.66	89.53 4.52 0.00
ATHENS_STG_3 23677	65.57 3.14 -0.14	97.15 4.58 -1.84	102.60 4.91 0.00	85.57 4.18 0.00	83.20 4.05 -1.42	100.53 2.93 -42.93	139.96 2.46 -92.06	164.47 6.15 -32.92	219.08 3.51 -146.48	226.21 2.40 -179.04	211.04 1.93 -173.63	185.36 2.03 -145.28	148.16 1.67 -115.89	131.19 3.56 -59.81	127.79 3.71 -52.82	128.66 4.04 -48.29	208.45 3.77 -131.02	379.34 2.13 -336.80	307.07 2.58 -255.84	285.69 2.27 -239.88	213.25 4.74 -115.44	144.66 5.42 -32.01	78.66 3.59 -7.66	89.53 4.52 0.00
AUBURN___LFGE 323710	62.64 0.35 0.00	91.23 0.27 -0.23	97.95 0.27 0.00	81.75 0.36 0.00	78.39 0.49 -0.18	58.88 0.22 -3.98	52.69 0.27 -6.97	127.25 1.06 -0.79	73.13 0.53 -3.51	50.00 0.45 -4.78	41.39 0.22 -5.70	41.61 0.16 -3.40	35.44 0.16 -4.68	69.33 0.26 -1.25	72.68 0.34 -1.07	78.20 0.41 -1.46	77.27 0.74 -2.87	48.98 0.49 -8.07	55.38 0.59 -6.13	49.82 0.54 -5.75	96.65 0.81 -2.77	108.22 0.22 -0.77	68.03 0.37 -0.24	85.64 0.63 0.00
BABYLON_RES_REC 323704	114.38 7.70 -44.40	193.82 10.69 -92.39	120.61 12.07 -10.86	91.28 9.89 0.00	88.69 9.74 -1.22	95.99 7.11 -34.21	137.90 5.84 -86.61	168.18 15.45 -27.33	174.47 8.16 -97.22	169.78 5.24 -119.77	161.51 4.35 -121.69	139.88 4.65 -97.17	117.89 3.60 -83.69	121.21 8.26 -45.13	116.36 8.38 -36.71	176.05 9.43 -90.28	192.77 8.95 -110.16	268.35 4.40 -223.53	224.16 5.70 -169.81	207.92 5.17 -159.21	180.81 11.12 -76.62	141.44 12.97 -21.25	81.21 8.60 -5.20	102.59 10.86 -6.72
BABYLON__69_KV_BK2 356345	115.13 8.44 -44.40	195.17 11.58 -92.86	121.92 13.25 -10.99	92.25 10.86 0.00	89.61 10.66 -1.22	96.67 7.79 -34.21	138.46 6.39 -86.61	169.71 16.98 -27.33	175.29 8.98 -97.22	170.23 5.69 -119.77	161.90 4.73 -121.69	140.37 5.15 -97.17	118.26 3.97 -83.69	122.01 9.06 -45.13	117.12 9.14 -36.71	176.94 10.32 -90.28	193.81 10.00 -110.16	268.87 4.92 -223.53	224.77 6.32 -169.80	208.57 5.82 -159.21	182.01 12.32 -76.62	142.70 14.23 -21.25	82.00 9.39 -5.20	103.64 11.92 -6.72
BALL_HILL_WT_PWR 323825	58.43 -3.86 0.00	84.50 -6.52 -0.28	90.05 -7.63 0.00	75.26 -6.13 0.00	72.29 -5.65 -0.22	55.38 -4.17 -4.87	50.04 -3.94 -8.53	116.59 -9.78 -0.97	67.84 -5.59 -4.33	44.18 -3.65 -3.06	34.22 -3.25 -2.00	34.27 -3.31 0.48	26.06 -2.62 1.91	53.61 -5.57 8.64	53.97 -6.07 11.22	63.36 -6.79 6.18	66.46 -5.41 1.78	36.56 -3.09 0.77	37.01 -3.45 8.20	30.28 -2.96 10.29	82.65 -6.96 3.45	98.69 -9.39 -0.86	62.30 -5.41 -0.30	79.47 -5.54 0.00
BARON_WINDS___WT_PWR 323822	59.30 -2.99 0.00	85.99 -5.12 -0.38	91.88 -5.80 0.00	76.77 -4.62 0.00	73.53 -4.49 -0.29	58.03 -3.18 -6.54	54.18 -2.73 -11.45	120.11 -6.61 -1.32	71.01 -3.95 -5.87	35.55 -2.50 6.74	16.60 -2.29 16.59	16.83 -2.65 18.58	-3.64 -2.14 32.09	11.98 -5.01 50.82	2.66 -5.16 63.45	31.41 -5.87 39.05	46.01 -4.76 22.88	-4.44 -2.54 42.31	-26.07 -2.99 71.73	-39.77 -2.50 80.81	56.21 -5.78 31.08	100.51 -7.53 -0.81	63.28 -4.54 -0.41	79.93 -5.08 0.00
BARRETT_IC_1 23704	113.63 6.94 -44.41	196.71 9.77 -96.20	120.08 10.69 -11.71	90.06 8.67 0.00	87.47 8.52 -1.22	95.11 6.23 -34.21	137.18 5.11 -86.61	166.19 13.46 -27.33	173.56 7.25 -97.22	169.28 4.74 -119.77	161.17 4.00 -121.69	139.54 4.31 -97.18	117.69 3.39 -83.70	120.55 7.60 -45.14	115.76 7.78 -36.72	175.13 8.51 -90.29	191.80 7.97 -110.16	267.89 3.94 -223.53	223.45 4.99 -169.81	207.26 4.51 -159.21	179.56 9.87 -76.62	140.18 11.71 -21.25	80.28 7.66 -5.20	101.44 9.71 -6.72
BARRETT_IC_10 23701	113.63 6.94 -44.41	196.71 9.77 -96.20	120.08 10.69 -11.71	90.06 8.67 0.00	87.47 8.52 -1.22	95.11 6.23 -34.21	137.18 5.11 -86.61	166.19 13.46 -27.33	173.56 7.25 -97.22	169.28 4.74 -119.77	161.17 4.00 -121.69	139.54 4.31 -97.18	117.69 3.39 -83.70	120.55 7.60 -45.14	115.76 7.78 -36.72	175.13 8.51 -90.29	191.80 7.97 -110.16	267.89 3.94 -223.53	223.45 4.99 -169.81	207.26 4.51 -159.21	179.56 9.87 -76.62	140.18 11.71 -21.25	80.28 7.66 -5.20	101.44 9.71 -6.72
BARRETT_IC_11 23702	113.63 6.94 -44.41	196.71 9.77 -96.20	120.08 10.69 -11.71	90.06 8.67 0.00	87.47 8.52 -1.22	95.11 6.23 -34.21	137.18 5.11 -86.61	166.19 13.46 -27.33	173.56 7.25 -97.22	169.28 4.74 -119.77	161.17 4.00 -121.69	139.54 4.31 -97.18	117.69 3.39 -83.70	120.55 7.60 -45.14	115.76 7.78 -36.72	175.13 8.51 -90.29	191.80 7.97 -110.16	267.89 3.94 -223.53	223.45 4.99 -169.81	207.26 4.51 -159.21	179.56 9.87 -76.62	140.18 11.71 -21.25	80.28 7.66 -5.20	101.44 9.71 -6.72
BARRETT_IC_12 23703	113.63 6.94 -44.41	196.71 9.77 -96.20	120.08 10.69 -11.71	90.06 8.67 0.00	87.47 8.52 -1.22	95.11 6.23 -34.21	137.18 5.11 -86.61	166.19 13.46 -27.33	173.56 7.25 -97.22	169.28 4.74 -119.77	161.17 4.00 -121.69	139.54 4.31 -97.18	117.69 3.39 -83.70	120.55 7.60 -45.14	115.76 7.78 -36.72	175.13 8.51 -90.29	191.80 7.97 -110.16	267.89 3.94 -223.53	223.45 4.99 -169.81	207.26 4.51 -159.21	179.56 9.87 -76.62	140.18 11.71 -21.25	80.28 7.66 -5.20	101.44 9.71 -6.72
BARRETT_IC_2 23705	113.63 6.94 -44.41	196.71 9.77 -96.20	120.08 10.69 -11.71	90.06 8.67 0.00	87.47 8.52 -1.22	95.11 6.23 -34.21	137.18 5.11 -86.61	166.19 13.46 -27.33	173.56 7.25 -97.22	169.28 4.74 -119.77	161.17 4.00 -121.69	139.54 4.31 -97.18	117.69 3.39 -83.70	120.55 7.60 -45.14	115.76 7.78 -36.72	175.13 8.51 -90.29	191.80 7.97 -110.16	267.89 3.94 -223.53	223.45 4.99 -169.81	207.26 4.51 -159.21	179.56 9.87 -76.62	140.18 11.71 -21.25	80.28 7.66 -5.20	101.44 9.71 -6.72
BARRETT_IC_3 23706	113.63 6.94 -44.41	196.71 9.77 -96.20	120.08 10.69 -11.71	90.06 8.67 0.00	87.47 8.52 -1.22	95.11 6.23 -34.21	137.18 5.11 -86.61	166.19 13.46 -27.33	173.56 7.25 -97.22	169.28 4.74 -119.77	161.17 4.00 -121.69	139.54 4.31 -97.18	117.69 3.39 -83.70	120.55 7.60 -45.14	115.76 7.78 -36.72	175.13 8.51 -90.29	191.80 7.97 -110.16	267.89 3.94 -223.53	223.45 4.99 -169.81	207.26 4.51 -159.21	179.56 9.87 -76.62	140.18 11.71 -21.25	80.28 7.66 -5.20	101.44 9.71 -6.72
BARRETT_IC_4 23707	113.63 6.94 -44.41	196.71 9.77 -96.20	120.08 10.69 -11.71	90.06 8.67 0.00	87.47 8.52 -1.22	95.11 6.23 -34.21	137.18 5.11 -86.61	166.19 13.46 -27.33	173.56 7.25 -97.22	169.28 4.74 -119.77	161.17 4.00 -121.69	139.54 4.31 -97.18	117.69 3.39 -83.70	120.55 7.60 -45.14	115.76 7.78 -36.72	175.13 8.51 -90.29	191.80 7.97 -110.16	267.89 3.94 -223.53	223.45 4.99 -169.81	207.26 4.51 -159.21	179.56 9.87 -76.62	140.18 11.71 -21.25	80.28 7.66 -5.20	101.44 9.71 -6.72

BARRETT_IC_5 23708	113.63 6.94 -44.41	196.71 9.77 -96.20	120.08 10.69 -11.71	90.06 8.67 0.00	87.47 8.52 -1.22	95.11 6.23 -34.21	137.18 5.11 -86.61	166.19 13.46 -27.33	173.56 7.25 -97.22	169.28 4.74 -119.77	161.17 4.00 -121.69	139.54 4.31 -97.18	117.69 3.39 -83.70	120.55 7.60 -45.14	115.76 7.78 -36.72	175.13 8.51 -90.29	191.80 7.97 -110.16	267.89 3.94 -223.53	223.45 4.99 -169.81	207.26 4.51 -159.21	179.56 9.87 -76.62	140.18 11.71 -21.25	80.28 7.66 -5.20	101.44 9.71 -6.72
BARRETT_IC_6 23709	113.63 6.94 -44.41	196.71 9.77 -96.20	120.08 10.69 -11.71	90.06 8.67 0.00	87.47 8.52 -1.22	95.11 6.23 -34.21	137.18 5.11 -86.61	166.19 13.46 -27.33	173.56 7.25 -97.22	169.28 4.74 -119.77	161.17 4.00 -121.69	139.54 4.31 -97.18	117.69 3.39 -83.70	120.55 7.60 -45.14	115.76 7.78 -36.72	175.13 8.51 -90.29	191.80 7.97 -110.16	267.89 3.94 -223.53	223.45 4.99 -169.81	207.26 4.51 -159.21	179.56 9.87 -76.62	140.18 11.71 -21.25	80.28 7.66 -5.20	101.44 9.71 -6.72
BARRETT_IC_7 23710	113.63 6.94 -44.41	196.71 9.77 -96.20	120.08 10.69 -11.71	90.05 8.66 0.00	87.47 8.52 -1.22	95.12 6.23 -34.21	137.18 5.12 -86.61	166.23 13.50 -27.33	173.60 7.29 -97.22	169.26 4.72 -119.77	161.20 4.04 -121.69	139.60 4.37 -97.17	117.70 3.40 -83.70	120.63 7.67 -45.14	115.81 7.82 -36.72	175.15 8.53 -90.29	191.90 8.08 -110.16	267.98 4.03 -223.53	223.52 5.06 -169.80	207.33 4.58 -159.21	179.58 9.90 -76.62	140.17 11.70 -21.25	80.29 7.68 -5.20	101.44 9.71 -6.72
BARRETT_IC_8 23711	113.63 6.94 -44.41	196.71 9.77 -96.20	120.08 10.69 -11.71	90.06 8.67 0.00	87.47 8.52 -1.22	95.11 6.23 -34.21	137.18 5.11 -86.61	166.19 13.46 -27.33	173.56 7.25 -97.22	169.28 4.74 -119.77	161.17 4.00 -121.69	139.54 4.31 -97.18	117.69 3.39 -83.70	120.55 7.60 -45.14	115.76 7.78 -36.72	175.13 8.51 -90.29	191.80 7.97 -110.16	267.89 3.94 -223.53	223.45 4.99 -169.81	207.26 4.51 -159.21	179.56 9.87 -76.62	140.18 11.71 -21.25	80.28 7.66 -5.20	101.44 9.71 -6.72
BARRETT_IC_9 23700	113.63 6.94 -44.41	196.71 9.77 -96.20	120.08 10.69 -11.71	90.06 8.67 0.00	87.47 8.52 -1.22	95.11 6.23 -34.21	137.18 5.11 -86.61	166.19 13.46 -27.33	173.56 7.25 -97.22	169.28 4.74 -119.77	161.17 4.00 -121.69	139.54 4.31 -97.18	117.69 3.39 -83.70	120.55 7.60 -45.14	115.76 7.78 -36.72	175.13 8.51 -90.29	191.80 7.97 -110.16	267.89 3.94 -223.53	223.45 4.99 -169.81	207.26 4.51 -159.21	179.56 9.87 -76.62	140.18 11.71 -21.25	80.28 7.66 -5.20	101.44 9.71 -6.72
BARRETT___1 23545	113.63 6.94 -44.41	196.71 9.77 -96.20	120.08 10.69 -11.71	90.06 8.67 0.00	87.47 8.52 -1.22	95.11 6.23 -34.21	137.18 5.11 -86.61	166.19 13.46 -27.33	173.56 7.25 -97.22	169.28 4.74 -119.77	161.17 4.00 -121.69	139.54 4.31 -97.18	117.69 3.39 -83.70	120.55 7.60 -45.14	115.76 7.78 -36.72	175.13 8.51 -90.29	191.80 7.97 -110.16	267.89 3.94 -223.53	223.45 4.99 -169.81	207.26 4.51 -159.21	179.56 9.87 -76.62	140.18 11.71 -21.25	80.28 7.66 -5.20	101.44 9.71 -6.72
BARRETT___2 23546	113.63 6.94 -44.41	196.71 9.77 -96.20	120.08 10.69 -11.71	90.06 8.67 0.00	87.47 8.52 -1.22	95.11 6.23 -34.21	137.18 5.11 -86.61	166.19 13.46 -27.33	173.56 7.25 -97.22	169.28 4.74 -119.77	161.17 4.00 -121.69	139.54 4.31 -97.18	117.69 3.39 -83.70	120.55 7.60 -45.14	115.76 7.78 -36.72	175.13 8.51 -90.29	191.80 7.97 -110.16	267.89 3.94 -223.53	223.45 4.99 -169.81	207.26 4.51 -159.21	179.56 9.87 -76.62	140.18 11.71 -21.25	80.28 7.66 -5.20	101.44 9.71 -6.72
BATAVIA__115KV_TB1 55881	59.54 -2.75 0.00	86.23 -4.75 -0.24	91.91 -5.77 0.00	76.77 -4.62 0.00	74.02 -3.89 -0.19	56.18 -2.67 -4.18	50.25 -2.51 -7.31	120.62 -5.61 -0.83	69.22 -3.56 -3.69	46.07 -2.32 -3.62	36.85 -2.13 -3.51	37.09 -2.23 -1.26	29.79 -1.94 -1.13	59.89 -4.20 3.72	61.60 -4.58 5.08	69.23 -4.69 2.41	70.57 -3.46 -0.38	41.78 -1.80 -3.17	45.47 -1.84 1.34	39.36 -1.64 2.54	88.36 -4.22 0.49	101.46 -6.52 -0.76	63.98 -3.69 -0.26	81.20 -3.81 0.00
BAYONEEC___CTG1 323682	68.74 5.89 -0.56	100.86 8.55 -1.58	106.61 8.93 0.00	88.95 7.56 0.00	86.35 7.40 -1.22	94.19 5.33 -34.20	120.15 4.41 -70.29	158.96 11.72 -21.84	172.88 6.61 -97.18	168.95 4.46 -119.72	157.11 3.47 -118.17	138.94 3.75 -97.13	117.30 3.05 -83.65	115.78 6.71 -41.26	114.91 6.95 -36.69	119.36 7.45 -35.58	169.94 7.06 -89.23	267.74 3.87 -223.45	223.05 4.66 -169.74	206.82 4.13 -159.15	178.64 8.98 -76.59	138.74 10.27 -21.24	79.15 6.54 -5.20	93.27 8.26 0.00
BAYONEEC___CTG10 323750	68.74 5.89 -0.56	100.86 8.55 -1.58	106.61 8.93 0.00	88.95 7.56 0.00	86.35 7.40 -1.22	94.19 5.33 -34.20	120.15 4.41 -70.29	158.96 11.72 -21.84	172.88 6.61 -97.18	168.95 4.46 -119.72	157.11 3.47 -118.17	138.94 3.75 -97.13	117.30 3.05 -83.65	115.78 6.71 -41.26	114.91 6.95 -36.69	119.36 7.45 -35.58	169.94 7.06 -89.23	267.74 3.87 -223.45	223.05 4.66 -169.74	206.82 4.13 -159.15	178.64 8.98 -76.59	138.74 10.27 -21.24	79.15 6.54 -5.20	93.27 8.26 0.00
BAYONEEC___CTG2 323683	68.74 5.89 -0.56	100.86 8.55 -1.58	106.61 8.93 0.00	88.95 7.56 0.00	86.35 7.40 -1.22	94.19 5.33 -34.20	120.15 4.41 -70.29	158.96 11.72 -21.84	172.88 6.61 -97.18	168.95 4.46 -119.72	157.11 3.47 -118.17	138.94 3.75 -97.13	117.30 3.05 -83.65	115.78 6.71 -41.26	114.91 6.95 -36.69	119.36 7.45 -35.58	169.94 7.06 -89.23	267.74 3.87 -223.45	223.05 4.66 -169.74	206.82 4.13 -159.15	178.64 8.98 -76.59	138.74 10.27 -21.24	79.15 6.54 -5.20	93.27 8.26 0.00
BAYONEEC___CTG3 323684	68.74 5.89 -0.56	100.86 8.55 -1.58	106.61 8.93 0.00	88.95 7.56 0.00	86.35 7.40 -1.22	94.19 5.33 -34.20	120.15 4.41 -70.29	158.96 11.72 -21.84	172.88 6.61 -97.18	168.95 4.46 -119.72	157.11 3.47 -118.17	138.94 3.75 -97.13	117.30 3.05 -83.65	115.78 6.71 -41.26	114.91 6.95 -36.69	119.36 7.45 -35.58	169.94 7.06 -89.23	267.74 3.87 -223.45	223.05 4.66 -169.74	206.82 4.13 -159.15	178.64 8.98 -76.59	138.74 10.27 -21.24	79.15 6.54 -5.20	93.27 8.26 0.00
BAYONEEC___CTG4 323685	68.74 5.89 -0.56	100.86 8.55 -1.58	106.61 8.93 0.00	88.95 7.56 0.00	86.35 7.40 -1.22	94.19 5.33 -34.20	120.15 4.41 -70.29	158.96 11.72 -21.84	172.88 6.61 -97.18	168.95 4.46 -119.72	157.11 3.47 -118.17	138.94 3.75 -97.13	117.30 3.05 -83.65	115.78 6.71 -41.26	114.91 6.95 -36.69	119.36 7.45 -35.58	169.94 7.06 -89.23	267.74 3.87 -223.45	223.05 4.66 -169.74	206.82 4.13 -159.15	178.64 8.98 -76.59	138.74 10.27 -21.24	79.15 6.54 -5.20	93.27 8.26 0.00
BAYONEEC___CTG5 323686	68.74 5.89 -0.56	100.86 8.55 -1.58	106.61 8.93 0.00	88.95 7.56 0.00	86.35 7.40 -1.22	94.19 5.33 -34.20	120.15 4.41 -70.29	158.96 11.72 -21.84	172.88 6.61 -97.18	168.95 4.46 -119.72	157.11 3.47 -118.17	138.94 3.75 -97.13	117.30 3.05 -83.65	115.78 6.71 -41.26	114.91 6.95 -36.69	119.36 7.45 -35.58	169.94 7.06 -89.23	267.74 3.87 -223.45	223.05 4.66 -169.74	206.82 4.13 -159.15	178.64 8.98 -76.59	138.74 10.27 -21.24	79.15 6.54 -5.20	93.27 8.26 0.00
BAYONEEC___CTG6 323687	68.74 5.89 -0.56	100.86 8.55 -1.58	106.61 8.93 0.00	88.95 7.56 0.00	86.35 7.40 -1.22	94.19 5.33 -34.20	120.15 4.41 -70.29	158.96 11.72 -21.84	172.88 6.61 -97.18	168.95 4.46 -119.72	157.11 3.47 -118.17	138.94 3.75 -97.13	117.30 3.05 -83.65	115.78 6.71 -41.26	114.91 6.95 -36.69	119.36 7.45 -35.58	169.94 7.06 -89.23	267.74 3.87 -223.45	223.05 4.66 -169.74	206.82 4.13 -159.15	178.64 8.98 -76.59	138.74 10.27 -21.24	79.15 6.54 -5.20	93.27 8.26 0.00

BAYONEEC___CTG7 323688	68.74 5.89 -0.56	100.86 8.55 -1.58	106.61 8.93 0.00	88.95 7.56 0.00	86.35 7.40 -1.22	94.19 5.33 -34.20	120.15 4.41 -70.29	158.96 11.72 -21.84	172.88 6.61 -97.18	168.95 4.46 -119.72	157.11 3.47 -118.17	138.94 3.75 -97.13	117.30 3.05 -83.65	115.78 6.71 -41.26	114.91 6.95 -36.69	119.36 7.45 -35.58	169.94 7.06 -89.23	267.74 3.87 -223.45	223.05 4.66 -169.74	206.82 4.13 -159.15	178.64 8.98 -76.59	138.74 10.27 -21.24	79.15 6.54 -5.20	93.27 8.26 0.00
BAYONEEC___CTG8 323689	68.74 5.89 -0.56	100.86 8.55 -1.58	106.61 8.93 0.00	88.95 7.56 0.00	86.35 7.40 -1.22	94.19 5.33 -34.20	120.15 4.41 -70.29	158.96 11.72 -21.84	172.88 6.61 -97.18	168.95 4.46 -119.72	157.11 3.47 -118.17	138.94 3.75 -97.13	117.30 3.05 -83.65	115.78 6.71 -41.26	114.91 6.95 -36.69	119.36 7.45 -35.58	169.94 7.06 -89.23	267.74 3.87 -223.45	223.05 4.66 -169.74	206.82 4.13 -159.15	178.64 8.98 -76.59	138.74 10.27 -21.24	79.15 6.54 -5.20	93.27 8.26 0.00
BAYONEEC___CTG9 323749	68.74 5.89 -0.56	100.86 8.55 -1.58	106.61 8.93 0.00	88.95 7.56 0.00	86.35 7.40 -1.22	94.19 5.33 -34.20	120.15 4.41 -70.29	158.96 11.72 -21.84	172.88 6.61 -97.18	168.95 4.46 -119.72	157.11 3.47 -118.17	138.94 3.75 -97.13	117.30 3.05 -83.65	115.78 6.71 -41.26	114.91 6.95 -36.69	119.36 7.45 -35.58	169.94 7.06 -89.23	267.74 3.87 -223.45	223.05 4.66 -169.74	206.82 4.13 -159.15	178.64 8.98 -76.59	138.74 10.27 -21.24	79.15 6.54 -5.20	93.27 8.26 0.00
BEACON___LESR 323632	66.12 3.84 0.00	98.34 5.53 -2.07	103.91 6.23 0.00	86.33 4.94 0.00	83.87 4.55 -1.60	89.89 3.31 -31.91	98.56 2.84 -50.27	130.75 7.02 1.67	65.64 3.96 7.42	44.00 2.71 3.48	46.51 2.11 -8.92	33.22 2.10 6.94	53.32 1.81 -20.91	69.34 3.67 2.14	73.26 3.75 1.75	86.10 4.13 -5.64	72.27 3.96 5.35	25.67 2.31 17.05	38.43 2.73 12.96	33.79 2.40 12.15	92.06 4.84 5.85	111.49 5.88 1.62	71.70 3.96 -0.32	89.80 4.79 0.00
BEAVER RIVER___HYD 24048	60.17 -2.12 0.00	87.70 -3.09 -0.06	95.10 -2.59 0.00	79.37 -2.02 0.00	75.99 -1.79 -0.05	54.65 -1.01 -0.98	46.54 -0.50 -1.58	125.37 -0.03 0.00	69.16 0.07 0.00	44.46 -0.47 -0.16	35.44 -0.55 -0.51	37.17 -0.88 0.00	30.49 -1.77 -0.73	65.76 -3.03 0.00	68.75 -3.32 0.00	73.90 -3.38 -0.19	72.29 -2.67 0.00	26.10 -0.84 13.47	47.70 -0.95 0.00	42.68 -0.86 0.00	92.15 -0.92 0.00	106.88 -0.35 0.00	67.22 -0.22 -0.02	84.36 -0.65 0.00
BEEBEE_GT_13 23619	59.79 -2.50 0.00	86.75 -4.19 -0.21	92.79 -4.89 0.00	77.45 -3.94 0.00	74.46 -3.43 -0.16	55.95 -2.33 -3.61	49.68 -2.08 -6.31	121.16 -0.71 -0.71	69.25 -3.01 -3.16	47.17 -1.91 -4.31	38.94 -1.68 -5.15	39.35 -1.77 -3.06	33.42 -1.42 -4.24	65.92 -3.03 -1.13	68.91 -3.32 -0.97	74.27 -3.38 -1.32	73.57 -2.67 -2.59	46.13 -1.57 -7.28	52.40 -1.78 -5.53	47.10 -1.62 -5.18	91.86 -3.70 -2.49	102.61 -5.30 -0.69	64.50 -3.14 -0.22	81.58 -3.44 0.00
BENSHRST_27_KV_BENSHRST_1 355998	87.95 6.97 -18.69	153.66 10.21 -52.71	151.01 10.67 -42.66	150.63 8.98 -60.26	150.62 8.73 -64.16	152.16 6.26 -91.23	156.20 5.27 -105.47	170.77 13.88 -31.49	307.72 7.66 -230.97	276.33 5.05 -226.50	488.23 4.04 -448.71	245.86 4.38 -203.43	235.64 3.55 -201.50	235.97 7.89 -160.26	391.99 8.24 -312.49	267.36 8.68 -182.35	281.32 8.31 -199.35	329.41 4.60 -284.39	287.59 5.56 -233.37	398.01 5.04 -349.43	398.01 10.72 -294.21	494.70 12.36 -375.11	196.87 7.84 -121.61	98.76 9.74 -4.00
BETHLEHEM___GRP 23843	64.86 2.57 0.00	96.58 3.78 -2.07	101.70 4.02 0.00	84.64 3.25 0.00	82.15 2.83 -1.60	88.59 2.02 -31.90	97.30 1.67 -50.18	127.44 3.82 1.77	63.52 2.31 7.89	42.38 1.65 4.05	45.26 1.36 -8.42	32.06 1.41 7.40	52.44 1.20 -20.64	67.87 2.38 2.33	71.51 2.16 1.91	84.14 2.29 -5.53	69.92 2.02 5.76	23.48 1.21 18.15	36.33 1.46 13.79	31.84 1.24 12.93	89.20 2.35 6.22	108.50 3.00 1.73	70.17 2.46 -0.30	88.17 3.16 0.00
BETHLEHEM___GS1 323560	64.86 2.57 0.00	96.58 3.78 -2.07	101.70 4.02 0.00	84.64 3.25 0.00	82.15 2.82 -1.60	88.59 2.03 -31.90	97.30 1.67 -50.18	127.44 3.82 1.77	63.49 2.29 7.89	42.38 1.64 4.05	45.25 1.36 -8.42	32.04 1.39 7.40	52.43 1.20 -20.64	67.86 2.37 2.33	71.51 2.16 1.91	84.14 2.29 -5.53	69.90 2.01 5.76	23.48 1.22 18.15	36.31 1.44 13.79	31.82 1.21 12.93	89.18 2.33 6.22	108.49 2.99 1.73	70.17 2.46 -0.30	88.17 3.16 0.00
BETHLEHEM___GS2 323561	64.86 2.57 0.00	96.58 3.78 -2.07	101.70 4.02 0.00	84.64 3.25 0.00	82.15 2.82 -1.60	88.59 2.03 -31.90	97.30 1.67 -50.18	127.44 3.82 1.77	63.49 2.29 7.89	42.38 1.64 4.05	45.25 1.36 -8.42	32.04 1.39 7.40	52.43 1.20 -20.64	67.86 2.37 2.33	71.51 2.16 1.91	84.14 2.29 -5.53	69.90 2.01 5.76	23.48 1.22 18.15	36.31 1.44 13.79	31.82 1.21 12.93	89.18 2.33 6.22	108.49 2.99 1.73	70.17 2.46 -0.30	88.17 3.16 0.00
BETHLEHEM___GS3 323562	64.86 2.57 0.00	96.58 3.78 -2.07	101.70 4.02 0.00	84.64 3.25 0.00	82.15 2.82 -1.60	88.59 2.03 -31.90	97.30 1.67 -50.18	127.44 3.82 1.77	63.49 2.29 7.89	42.38 1.64 4.05	45.25 1.36 -8.42	32.04 1.39 7.40	52.43 1.20 -20.64	67.86 2.37 2.33	71.51 2.16 1.91	84.14 2.29 -5.53	69.90 2.01 5.76	23.48 1.22 18.15	36.31 1.44 13.79	31.82 1.21 12.93	89.18 2.33 6.22	108.49 2.99 1.73	70.17 2.46 -0.30	88.17 3.16 0.00
BETHLEHEM___STEEL 23779	58.41 -3.88 0.00	84.41 -6.60 -0.28	89.94 -7.74 0.00	75.16 -6.23 0.00	72.32 -5.63 -0.22	55.50 -4.04 -4.87	50.16 -3.82 -8.52	117.02 -9.36 -0.97	67.77 -5.66 -4.33	44.41 -3.61 -3.24	34.65 -3.16 -2.34	34.70 -3.20 0.16	26.69 -2.52 1.39	54.43 -5.45 7.94	54.99 -5.91 10.36	64.35 -6.34 5.64	66.85 -5.38 1.42	37.28 -3.09 0.05	38.03 -3.51 7.12	31.33 -3.11 9.09	83.10 -6.98 2.98	98.71 -9.37 -0.86	62.33 -5.38 -0.30	79.30 -5.71 0.00
BETHLHEM_115KV_TB1 79974	64.83 2.55 0.00	96.54 3.74 -2.07	101.66 3.97 0.00	84.63 3.24 0.00	82.20 2.87 -1.60	88.56 2.06 -31.82	97.14 1.72 -49.97	127.45 3.94 1.89	63.04 2.36 8.42	41.79 1.68 4.67	44.70 1.39 -7.84	31.58 1.44 7.92	52.10 1.21 -20.29	67.71 2.43 2.54	71.42 2.25 2.10	84.11 2.41 -5.38	69.61 2.18 6.22	22.35 1.29 19.35	35.50 1.55 14.70	31.07 1.32 13.79	89.01 2.57 6.63	108.58 3.20 1.84	70.19 2.51 -0.28	88.22 3.22 0.00
BETHPAGE_CC_5 323564	114.17 7.48 -44.40	192.38 10.56 -91.09	119.89 11.72 -10.49	91.03 9.64 0.00	88.43 9.48 -1.22	95.71 6.83 -34.21	137.68 5.61 -86.61	167.53 14.79 -27.33	174.20 7.89 -97.22	169.65 5.11 -119.77	161.45 4.29 -121.69	139.85 4.62 -97.17	117.89 3.60 -83.69	121.11 8.17 -45.13	116.30 8.32 -36.71	175.86 9.24 -90.29	192.46 8.65 -110.16	268.23 4.28 -223.53	223.95 5.49 -169.81	207.72 4.97 -159.21	180.44 10.75 -76.62	141.09 12.61 -21.25	81.01 8.40 -5.20	102.31 10.58 -6.72
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	58.77 -3.52 0.00	84.94 -6.08 -0.29	90.51 -7.17 0.00	75.64 -5.75 0.00	72.73 -5.22 -0.22	55.85 -3.76 -4.93	50.52 -3.58 -8.64	117.76 -8.62 -0.99	68.24 -5.25 -4.39	44.93 -3.34 -3.49	35.26 -2.94 -2.72	35.25 -2.97 -0.17	27.39 -2.33 0.87	55.44 -5.04 7.34	56.18 -5.45 9.63	65.31 -5.87 5.16	67.65 -4.93 1.07	38.29 -2.83 -0.71	39.33 -3.22 6.11	32.68 -2.85 8.00	84.11 -6.41 2.54	99.38 -8.73 -0.88	62.73 -4.99 -0.31	79.76 -5.25 0.00

BINGHAMTON___COGEN 23790	62.42 0.13 0.00	91.22 -0.06 -0.55	97.69 0.01 0.00	81.60 0.21 0.00	78.26 0.11 -0.42	64.22 0.11 -9.43	62.07 0.08 -16.54	128.02 0.70 -1.92	77.93 0.28 -8.55	56.70 0.33 -11.59	49.35 0.14 -13.74	46.37 0.05 -8.27	41.89 0.09 -11.20	70.98 0.13 -3.04	74.11 0.24 -2.61	79.96 0.14 -3.49	81.06 0.42 -6.99	60.30 0.22 -19.67	63.86 0.27 -14.94	57.83 0.29 -14.01	100.34 0.53 -6.74	109.14 0.05 -1.87	68.11 0.10 -0.59	85.45 0.44 0.00
BIXINCNT_115KV_LOAD 355685	59.91 -2.37 0.00	86.35 -4.69 -0.30	91.90 -5.78 0.00	76.65 -4.74 0.00	73.06 -4.90 -0.23	56.25 -3.67 -5.25	51.14 -3.50 -9.18	118.32 -8.14 -1.05	68.62 -5.15 -4.68	46.32 -3.19 -4.74	37.53 -2.63 -4.70	37.19 -2.73 -1.86	30.31 -2.11 -1.82	59.20 -4.47 4.15	60.46 -5.06 5.74	68.00 -5.70 2.62	69.65 -4.78 -0.78	42.56 -2.47 -4.62	45.04 -2.78 0.83	38.73 -2.54 2.27	86.84 -5.99 0.24	100.00 -8.20 -0.97	63.12 -4.62 -0.33	80.06 -4.96 0.00
BLACK RIVER___HYD 24047	60.75 -1.53 0.00	88.54 -2.27 -0.08	95.98 -1.70 0.00	80.07 -1.32 0.00	76.73 -1.06 -0.07	55.59 -0.43 -1.35	47.70 0.08 -2.17	127.15 1.75 0.00	70.06 0.96 0.00	45.01 0.01 -0.22	35.96 -0.21 -0.70	37.42 -0.64 0.00	30.90 -0.70 -1.00	65.95 -1.86 0.00	68.82 -2.45 0.00	74.23 -2.36 -0.27	72.93 -0.73 0.00	30.99 -0.18 9.24	48.51 -0.14 0.00	43.41 -0.13 0.00	93.47 0.40 0.00	107.97 0.74 0.00	67.73 0.29 -0.03	84.76 -0.26 0.00
BLACKRVR_115KV_TB2 79977	60.75 -1.54 0.00	88.54 -2.28 -0.08	95.98 -1.70 0.00	80.07 -1.32 0.00	76.73 -1.07 -0.07	55.59 -0.43 -1.35	47.70 0.08 -2.17	127.15 1.75 0.00	70.04 0.95 0.00	45.01 0.01 -0.22	35.96 -0.22 -0.70	37.41 -0.65 0.00	30.90 -0.70 -1.00	65.95 -1.87 0.00	68.82 -2.45 0.00	74.23 -2.36 -0.27	72.91 -0.74 0.00	30.98 -0.19 9.24	48.50 -0.15 0.00	43.40 -0.14 0.00	93.47 0.40 0.00	107.96 0.74 0.00	67.73 0.29 -0.03	84.76 -0.25 0.00
BLISS_WT_PWR 323608	59.79 -2.50 0.00	86.04 -4.99 -0.30	91.47 -6.22 0.00	76.23 -5.17 0.00	72.56 -5.40 -0.23	55.90 -4.02 -5.25	50.83 -3.81 -9.18	117.58 -8.87 -1.05	68.32 -5.45 -4.68	45.99 -3.52 -4.74	37.39 -2.78 -4.70	37.01 -2.90 -1.86	30.18 -2.24 -1.82	58.94 -4.73 4.15	60.16 -5.36 5.74	67.48 -6.23 2.62	69.42 -5.02 -0.78	42.48 -2.55 -4.62	45.08 -2.74 0.83	38.83 -2.45 2.27	86.37 -6.46 0.24	99.36 -8.83 -0.97	62.71 -5.03 -0.33	79.45 -5.56 0.00
BLUESTONE___WT_PWR 323821	61.70 -0.58 0.00	90.31 -1.01 -0.59	96.88 -0.81 0.00	80.77 -0.62 0.00	77.64 -0.54 -0.45	64.63 -0.19 -10.14	63.43 0.19 -17.79	128.82 1.33 -2.08	78.82 0.47 -9.26	57.68 0.37 -12.53	50.43 0.12 -14.84	46.97 -0.04 -8.96	42.72 0.03 -12.09	71.29 0.17 -3.30	74.59 0.49 -2.83	80.70 0.58 -3.79	82.18 0.94 -7.58	62.16 0.46 -21.29	65.33 0.51 -16.17	59.15 0.45 -15.16	101.12 0.75 -7.29	109.16 -0.09 -2.02	67.66 -0.38 -0.64	84.68 -0.33 0.00
BLUE_CIRC_CHEM_DRP 24182	64.93 2.64 0.00	96.64 3.88 -2.03	101.83 4.15 0.00	84.81 3.43 0.00	82.44 3.14 -1.57	88.56 2.30 -31.59	97.59 1.92 -50.21	128.96 4.58 1.01	67.22 2.63 4.51	46.41 1.76 0.12	48.61 1.37 -11.76	35.33 1.37 4.10	53.89 1.16 -22.14	69.06 2.33 1.09	72.71 2.29 0.84	85.27 2.76 -6.18	73.43 2.71 2.93	31.62 1.58 10.37	42.70 1.93 7.88	37.78 1.63 7.39	92.78 3.26 3.56	110.08 3.84 0.99	70.64 2.78 -0.45	88.56 3.55 0.00
BOC_GAS_DRP 24189	64.57 2.29 0.00	96.15 3.36 -2.06	101.30 3.62 0.00	84.40 3.01 0.00	82.15 2.83 -1.59	88.11 2.05 -31.39	95.97 1.70 -48.83	126.88 4.03 2.55	60.11 2.35 11.33	38.27 1.66 8.17	41.44 1.36 -4.61	28.67 1.42 10.80	50.12 1.18 -18.34	66.54 2.43 3.70	70.57 2.42 3.12	83.50 2.64 -4.54	67.29 2.42 8.79	15.76 1.41 26.06	30.56 1.71 19.80	26.45 1.47 18.56	87.09 2.95 8.93	108.22 3.46 2.48	70.04 2.50 -0.13	88.17 3.16 0.00
BOONVILLE_115KV_TB1 79983	62.86 0.57 0.00	91.61 0.82 -0.06	98.88 1.20 0.00	82.52 1.13 0.00	79.01 1.24 -0.04	56.61 1.07 -0.86	47.94 1.10 -1.39	129.12 3.72 0.00	71.24 2.15 0.00	46.13 1.22 -0.14	36.80 0.88 -0.45	38.86 0.80 0.00	31.85 0.61 -0.64	69.06 1.24 0.00	72.42 1.15 0.00	77.79 1.29 -0.17	75.46 1.81 0.00	44.82 0.89 -3.52	49.73 1.07 0.00	44.49 0.95 0.00	95.40 2.33 0.00	109.97 2.75 0.00	69.12 1.69 -0.02	86.90 1.89 0.00
BORALEX_4TH_BRANCH 23824	66.40 4.03 -0.09	98.96 6.17 -2.06	104.12 6.44 0.00	86.90 5.51 0.00	84.92 5.60 -1.59	91.69 4.05 -32.97	102.78 3.37 -53.96	134.44 7.85 -1.19	79.06 4.68 -5.28	59.70 3.32 -11.60	60.79 2.73 -22.59	46.68 2.92 -5.70	62.12 2.42 -29.11	76.14 5.20 -3.12	79.76 5.58 -2.92	91.87 6.11 -9.43	85.22 5.43 -6.13	55.59 3.03 -12.14	61.64 3.76 -9.23	55.39 3.21 -8.65	103.75 6.51 -4.16	116.16 7.78 -1.15	73.52 5.17 -0.93	91.17 6.16 0.00
BOWLINE___1 23526	66.02 4.65 0.92	99.10 6.83 -1.54	104.96 7.27 0.00	87.62 6.23 0.00	85.02 6.11 -1.19	92.04 4.41 -32.96	116.58 3.62 -67.51	155.55 9.43 -20.72	166.57 5.28 -92.20	161.99 3.55 -113.67	150.65 2.80 -112.38	130.00 2.97 -88.97	101.98 2.39 -68.99	105.36 5.19 -32.35	104.38 5.40 -27.71	105.67 5.86 -23.48	154.02 5.60 -74.76	255.56 3.15 -212.00	213.45 3.76 -161.04	197.86 3.33 -150.99	172.89 7.15 -72.66	135.61 8.23 -20.15	77.63 5.28 -4.94	91.56 6.56 0.00
BOWLINE___2 23595	66.04 4.67 0.92	99.11 6.84 -1.54	104.98 7.30 0.00	87.65 6.25 0.00	85.03 6.12 -1.19	92.07 4.44 -32.96	116.60 3.63 -67.52	155.57 9.44 -20.72	166.59 5.28 -92.22	162.02 3.55 -113.69	150.67 2.80 -112.40	130.02 2.98 -88.99	101.99 2.40 -69.00	105.39 5.21 -32.35	104.41 5.42 -27.72	105.69 5.88 -23.48	154.04 5.60 -74.78	255.59 3.15 -212.03	213.48 3.76 -161.06	197.89 3.33 -151.02	172.91 7.17 -72.68	135.61 8.23 -20.15	77.69 5.33 -4.94	91.57 6.56 0.00
BRADY___115KV_TB2 356060	61.49 -0.80 0.00	89.50 -1.23 0.00	96.40 -1.29 0.00	80.16 -1.23 0.00	76.49 -1.24 0.00	53.64 -1.04 0.00	44.76 -0.69 0.00	124.30 -1.11 0.00	68.31 -0.78 0.00	43.90 -0.87 0.00	34.60 -0.87 0.00	37.15 -0.90 0.00	29.72 -0.88 0.00	66.14 -1.68 0.00	69.58 -1.69 0.00	74.56 -1.77 0.00	72.44 -1.22 0.00	23.63 -1.04 15.75	47.40 -1.25 0.00	42.49 -1.05 0.00	92.08 -0.99 0.00	107.15 -0.08 0.00	67.00 -0.41 0.00	84.57 -0.44 0.00
BRANSCOMB___SOLAR 323811	65.70 3.41 0.00	97.97 5.11 -2.13	103.10 5.42 0.00	86.01 4.63 0.00	84.06 4.69 -1.64	91.35 3.49 -33.19	101.42 3.01 -52.96	132.13 7.50 0.77	69.92 4.24 3.42	48.96 2.76 -1.43	51.30 2.11 -13.72	37.26 2.18 2.98	56.57 1.85 -24.12	71.17 3.88 0.53	75.25 4.32 0.33	88.45 5.17 -6.95	76.79 4.93 1.80	35.34 2.78 7.85	46.08 3.39 5.97	40.84 2.90 5.59	96.14 5.77 2.69	113.02 6.54 0.75	72.15 4.20 -0.54	90.04 5.03 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	114.83 8.14 -44.40	195.86 11.07 -94.06	121.80 12.79 -11.33	91.85 10.46 0.00	89.28 10.33 -1.22	96.42 7.54 -34.21	138.24 6.17 -86.61	168.95 16.21 -27.33	174.86 8.54 -97.22	169.95 5.41 -119.77	161.69 4.52 -121.69	140.17 4.94 -97.17	118.11 3.82 -83.69	121.69 8.74 -45.13	116.76 8.79 -36.71	176.55 9.93 -90.28	193.39 9.57 -110.16	268.48 4.53 -223.53	224.28 5.83 -169.80	208.25 5.50 -159.21	181.30 11.61 -76.62	141.94 13.47 -21.25	81.59 8.98 -5.20	103.19 11.46 -6.72

BRISTLHL_115KV_TB1 79998	60.53 -1.76 0.00	88.37 -2.49 -0.13	94.94 -2.75 0.00	79.16 -2.23 0.00	75.77 -2.05 -0.10	55.38 -1.33 -2.04	47.69 -1.05 -3.29	122.65 -2.75 0.00	67.59 -1.51 0.00	44.18 -0.93 -0.33	35.83 -0.71 -1.06	37.26 -0.80 0.00	31.49 -0.62 -1.52	66.34 -1.47 0.00	69.66 -1.60 0.00	75.05 -1.68 -0.40	72.22 -1.44 0.00	39.20 -0.74 0.48	47.66 -1.00 0.00	42.65 -0.89 0.00	90.91 -2.16 0.00	104.38 -2.84 0.00	65.64 -1.82 -0.04	82.80 -2.21 0.00
BROOKHAVEN___DRP 24191	114.24 7.56 -44.40	195.08 9.92 -94.43	121.18 12.06 -11.43	91.24 9.85 0.00	88.72 9.77 -1.22	96.04 7.16 -34.21	137.75 5.69 -86.61	167.47 14.74 -27.33	173.93 7.62 -97.22	169.32 4.78 -119.77	161.06 3.89 -121.69	139.57 4.35 -97.17	117.51 3.22 -83.69	120.76 7.82 -45.13	115.41 7.43 -36.71	175.28 8.67 -90.28	192.21 8.40 -110.16	267.81 3.86 -223.53	223.66 5.20 -169.80	207.55 4.80 -159.21	179.86 10.18 -76.62	140.31 11.83 -21.25	80.72 8.11 -5.20	102.51 10.78 -6.72
BROOKLYN_NAVY_YARD 23515	68.70 5.85 -0.56	100.82 8.50 -1.58	106.54 8.86 0.00	88.88 7.49 0.00	86.28 7.33 -1.22	94.15 5.28 -34.20	120.13 4.39 -70.29	158.98 11.73 -21.84	172.85 6.58 -97.18	168.92 4.43 -119.72	157.04 3.40 -118.17	138.88 3.70 -97.13	117.25 3.01 -83.65	115.65 6.57 -41.26	114.80 6.84 -36.69	119.23 7.33 -35.58	169.82 6.94 -89.23	267.68 3.82 -223.45	222.99 4.59 -169.74	206.76 4.07 -159.15	178.48 8.82 -76.59	138.54 10.07 -21.24	79.07 6.46 -5.20	93.17 8.16 0.00
BROOKLYN___ARMY_DRP 323595	87.57 6.60 -18.69	153.12 9.68 -52.71	150.45 10.11 -42.66	150.18 8.53 -60.26	150.19 8.31 -64.16	151.85 5.95 -91.23	155.89 4.97 -105.47	163.19 13.05 -24.75	187.37 7.19 -111.09	180.67 4.76 -131.14	191.59 3.79 -152.32	150.30 4.12 -108.12	129.78 3.35 -95.83	129.82 7.42 -54.59	152.36 7.75 -73.34	142.92 8.17 -58.42	185.59 7.79 -104.15	274.50 4.31 -229.77	230.17 5.19 -176.33	231.64 4.71 -183.39	208.29 10.02 -105.20	210.14 11.58 -91.33	128.94 7.37 -54.16	98.21 9.20 -4.00
BROOKVLE_69_KV_TB1 55790	113.68 6.99 -44.40	178.61 10.04 -77.83	115.33 10.88 -6.77	90.45 9.06 0.00	87.83 8.88 -1.22	95.34 6.45 -34.21	137.42 5.36 -86.61	167.00 14.27 -27.33	174.08 7.77 -97.22	169.55 5.01 -119.77	161.32 4.16 -121.69	139.68 4.46 -97.17	117.85 3.56 -83.69	120.91 7.97 -45.13	116.18 8.20 -36.71	175.57 8.95 -90.29	192.41 8.60 -110.16	268.34 4.39 -223.53	223.87 5.41 -169.80	207.66 4.91 -159.21	180.25 10.56 -76.62	140.79 12.32 -21.25	80.53 7.92 -5.20	101.62 9.89 -6.72
BROOME_2_LFGE 323671	62.42 0.14 0.00	91.20 -0.07 -0.55	97.69 0.01 0.00	81.60 0.22 0.00	78.26 0.11 -0.42	64.22 0.11 -9.43	62.06 0.06 -16.54	127.99 0.67 -1.92	77.92 0.28 -8.55	56.69 0.32 -11.59	49.34 0.13 -13.74	46.36 0.04 -8.27	41.89 0.09 -11.20	70.96 0.10 -3.04	74.09 0.22 -2.61	79.93 0.11 -3.49	81.04 0.40 -6.99	60.28 0.20 -19.67	63.82 0.23 -14.94	57.81 0.27 -14.01	100.32 0.51 -6.74	109.13 0.03 -1.87	68.09 0.09 -0.59	85.45 0.44 0.00
BROOME___LFGE 323600	62.42 0.14 0.00	91.20 -0.07 -0.55	97.69 0.01 0.00	81.60 0.22 0.00	78.26 0.11 -0.42	64.22 0.11 -9.43	62.06 0.06 -16.54	127.99 0.67 -1.92	77.92 0.28 -8.55	56.69 0.32 -11.59	49.34 0.13 -13.74	46.36 0.04 -8.27	41.89 0.09 -11.20	70.96 0.10 -3.04	74.09 0.22 -2.61	79.93 0.11 -3.49	81.04 0.40 -6.99	60.28 0.20 -19.67	63.82 0.23 -14.94	57.81 0.27 -14.01	100.32 0.51 -6.74	109.13 0.03 -1.87	68.09 0.09 -0.59	85.45 0.44 0.00
BROWNFLS_115KV_TB_3_5 80003	59.46 -2.83 0.00	86.63 -4.14 -0.04	93.69 -3.99 0.00	78.09 -3.31 0.00	74.66 -3.10 -0.03	53.28 -2.08 -0.69	45.10 -1.47 -1.11	122.46 -2.94 0.00	67.46 -1.63 0.00	43.41 -1.48 -0.11	34.50 -1.33 -0.36	36.49 -1.57 0.00	29.72 -1.39 -0.51	64.74 -3.08 0.00	67.85 -3.42 0.00	72.83 -3.63 -0.14	70.97 -2.69 0.00	24.31 -1.73 14.38	46.60 -2.05 0.00	41.71 -1.82 0.00	90.31 -2.76 0.00	105.42 -1.81 0.00	66.34 -1.08 -0.01	83.55 -1.46 0.00
BROWNSV1_27_KV_LOAD 356125	69.57 6.73 -0.56	102.03 9.71 -1.58	107.86 10.18 0.00	89.95 8.56 0.00	87.29 8.34 -1.22	94.90 6.03 -34.20	120.77 5.03 -70.29	160.84 13.60 -21.84	173.97 7.69 -97.18	169.60 5.10 -119.72	157.67 4.02 -118.17	139.56 4.37 -97.13	117.77 3.52 -83.65	116.80 7.72 -41.26	115.96 8.00 -36.69	120.47 8.55 -35.58	171.11 8.22 -89.23	268.40 4.54 -223.45	223.88 5.49 -169.74	207.58 4.89 -159.15	180.03 10.37 -76.59	140.27 11.80 -21.24	80.09 7.48 -5.20	94.44 9.42 0.00
BURROWS___LYONSDAL 23803	62.10 -0.19 0.00	90.48 -0.31 -0.06	97.87 0.19 0.00	81.69 0.30 0.00	78.21 0.44 -0.04	56.09 0.53 -0.89	47.56 0.68 -1.43	128.15 2.75 0.00	70.72 1.62 0.00	45.71 0.79 -0.14	36.45 0.52 -0.46	38.43 0.38 0.00	31.51 0.25 -0.66	68.23 0.41 0.00	71.49 0.22 0.00	76.76 0.26 -0.18	74.62 0.96 0.00	39.24 0.41 1.58	49.18 0.53 0.00	43.98 0.44 0.00	94.51 1.45 0.00	109.13 1.90 0.00	68.64 1.21 -0.02	86.23 1.22 0.00
CAITHNESS_CC_1 323624	114.16 7.47 -44.40	194.99 9.82 -94.44	121.01 11.89 -11.44	91.11 9.72 0.00	88.57 9.62 -1.22	95.93 7.04 -34.21	137.68 5.62 -86.61	167.26 14.52 -27.33	173.79 7.47 -97.22	169.30 4.76 -119.77	161.04 3.88 -121.69	139.55 4.32 -97.17	117.55 3.26 -83.69	120.69 7.75 -45.13	115.48 7.50 -36.71	175.28 8.66 -90.28	192.04 8.22 -110.16	267.70 3.75 -223.53	223.57 5.11 -169.81	207.46 4.71 -159.21	179.80 10.11 -76.62	140.29 11.82 -21.25	80.68 8.07 -5.20	102.37 10.65 -6.72
CALPINE BETH_PAGE_GT4 24209	114.11 7.43 -44.40	190.77 10.49 -89.54	119.35 11.62 -10.05	90.96 9.57 0.00	88.35 9.40 -1.22	95.57 6.69 -34.21	137.56 5.50 -86.61	167.26 14.53 -27.33	174.09 7.78 -97.22	169.54 5.00 -119.77	161.47 4.30 -121.69	139.88 4.65 -97.17	117.89 3.60 -83.69	121.13 8.19 -45.13	116.31 8.33 -36.71	175.79 9.18 -90.29	192.39 8.57 -110.16	268.23 4.28 -223.53	223.90 5.45 -169.80	207.69 4.94 -159.21	180.21 10.52 -76.62	140.85 12.38 -21.25	80.96 8.35 -5.20	102.24 10.51 -6.72
CALPINE_BETH_PAGE_GT_4 323586	114.11 7.42 -44.40	190.76 10.49 -89.54	119.35 11.62 -10.05	90.95 9.56 0.00	88.35 9.40 -1.22	95.57 6.68 -34.21	137.55 5.49 -86.61	167.21 14.48 -27.33	174.04 7.72 -97.22	169.56 5.02 -119.77	161.43 4.27 -121.69	139.82 4.60 -97.17	117.87 3.58 -83.69	121.07 8.12 -45.13	116.26 8.28 -36.71	175.79 9.17 -90.29	192.27 8.45 -110.16	268.13 4.19 -223.53	223.82 5.36 -169.81	207.60 4.86 -159.21	180.19 10.51 -76.62	140.85 12.37 -21.25	80.95 8.34 -5.20	102.24 10.51 -6.72
CALPINE_BP_GT1 23823	114.11 7.42 -44.40	190.76 10.49 -89.54	119.35 11.62 -10.05	90.95 9.56 0.00	88.35 9.40 -1.22	95.57 6.68 -34.21	137.55 5.49 -86.61	167.21 14.48 -27.33	174.04 7.72 -97.22	169.56 5.02 -119.77	161.43 4.27 -121.69	139.82 4.60 -97.17	117.87 3.58 -83.69	121.07 8.12 -45.13	116.26 8.28 -36.71	175.79 9.17 -90.29	192.27 8.45 -110.16	268.13 4.19 -223.53	223.82 5.36 -169.81	207.60 4.86 -159.21	180.19 10.51 -76.62	140.85 12.37 -21.25	80.95 8.34 -5.20	102.24 10.51 -6.72
CALSPAN___DRP 24200	58.41 -3.88 0.00	84.41 -6.60 -0.28	89.94 -7.74 0.00	75.16 -6.23 0.00	72.32 -5.63 -0.22	55.50 -4.04 -4.87	50.16 -3.82 -8.52	117.02 -9.36 -0.97	67.77 -5.66 -4.33	44.41 -3.61 -3.24	34.65 -3.16 -2.34	34.70 -3.20 0.16	26.69 -2.52 1.39	54.43 -5.45 7.94	54.99 -5.91 10.36	64.35 -6.34 5.64	66.85 -5.38 1.42	37.28 -3.09 0.05	38.03 -3.51 7.12	31.33 -3.11 9.09	83.10 -6.98 2.98	98.71 -9.37 -0.86	62.33 -5.38 -0.30	79.30 -5.71 0.00

CALVERTON___SOLAR 323806	114.31 7.62 -44.40	195.14 9.99 -94.42	121.32 12.21 -11.43	91.37 9.98 0.00	88.88 9.93 -1.22	96.17 7.28 -34.21	137.85 5.79 -86.61	167.68 14.95 -27.33	173.97 7.66 -97.22	169.38 4.85 -119.77	161.00 3.83 -121.69	139.50 4.27 -97.17	117.44 3.15 -83.69	120.71 7.77 -45.13	115.31 7.33 -36.71	175.27 8.65 -90.28	192.08 8.26 -110.16	267.65 3.70 -223.53	223.61 5.15 -169.81	207.52 4.77 -159.21	179.90 10.21 -76.62	140.39 11.92 -21.25	80.78 8.17 -5.20	102.63 10.90 -6.72
CANDIGU_WT_PWR 323617	59.30 -2.99 0.00	85.99 -5.12 -0.38	91.88 -5.80 0.00	76.77 -4.62 0.00	73.53 -4.49 -0.29	58.03 -3.18 -6.54	54.18 -2.73 -11.45	120.11 -6.61 -1.32	71.01 -3.95 -5.87	35.55 -2.50 6.74	16.60 -2.29 16.59	16.83 -2.65 18.58	-3.64 -2.14 32.09	11.98 -5.01 50.82	2.66 -5.16 63.45	31.41 -5.87 39.05	46.01 -4.76 22.88	-4.44 -2.54 42.31	-26.07 -2.99 71.73	-39.77 -2.50 80.81	56.21 -5.78 31.08	100.51 -7.53 -0.81	63.28 -4.54 -0.41	79.93 -5.08 0.00
CARR STREET_E_SYR 24060	61.25 -1.03 0.00	89.24 -1.65 -0.16	95.84 -1.84 0.00	79.97 -1.42 0.00	76.56 -1.29 -0.13	56.67 -0.81 -2.80	49.75 -0.59 -4.90	124.51 -1.43 -0.54	70.72 -0.79 -2.42	47.62 -0.46 -3.30	39.06 -0.37 -3.96	40.01 -0.43 -2.39	33.70 -0.34 -3.44	67.94 -0.84 -0.96	71.22 -0.89 -0.85	76.56 -0.95 -1.18	75.11 -0.68 -2.13	45.65 -0.32 -5.56	52.45 -0.42 -4.22	47.11 -0.39 -3.96	93.89 -1.09 -1.91	106.01 -1.75 -0.53	66.51 -1.07 -0.17	83.76 -1.25 0.00
CARTHAGE___PAPER 23857	60.92 -1.36 0.00	88.79 -2.02 -0.08	96.28 -1.40 0.00	80.29 -1.10 0.00	76.90 -0.88 -0.06	55.54 -0.34 -1.21	47.53 0.13 -1.94	127.22 1.82 0.00	70.13 1.03 0.00	45.06 0.08 -0.20	35.93 -0.16 -0.63	37.52 -0.54 0.00	30.88 -0.61 -0.90	66.26 -1.55 0.00	69.21 -2.05 0.00	74.53 -2.03 -0.24	73.14 -0.52 0.00	29.34 -0.19 10.88	48.48 -0.17 0.00	43.36 -0.18 0.00	93.55 0.48 0.00	108.28 1.06 0.00	67.97 0.53 -0.03	85.18 0.17 0.00
CASSADAGA_WT_PWR 323784	59.61 -2.68 0.00	86.18 -4.85 -0.30	92.02 -5.66 0.00	77.02 -4.37 0.00	73.75 -4.21 -0.23	56.56 -3.22 -5.10	51.26 -3.13 -8.94	118.08 -8.34 -1.02	68.93 -4.71 -4.55	45.95 -3.04 -4.21	36.14 -3.21 -3.88	36.01 -3.20 -1.16	28.82 -2.48 -0.71	57.28 -5.10 5.44	58.27 -5.69 7.31	66.12 -6.55 3.65	68.74 -4.93 -0.03	40.75 -2.67 -3.01	42.57 -3.09 2.99	36.34 -2.60 4.61	86.43 -5.46 1.18	100.39 -7.77 -0.93	63.14 -4.59 -0.32	80.86 -4.15 0.00
CE_DUNWOOD___DRP 24194	68.36 5.47 -0.61	100.25 7.94 -1.58	106.14 8.45 0.00	88.58 7.19 0.00	85.97 7.02 -1.22	93.86 5.07 -34.12	119.77 4.21 -70.12	158.32 11.15 -21.77	172.21 6.24 -96.87	168.27 4.15 -119.35	156.60 3.31 -117.81	138.40 3.56 -96.79	116.76 2.86 -83.30	115.13 6.25 -41.06	114.26 6.49 -36.50	118.69 6.99 -35.37	169.22 6.72 -88.84	266.87 3.71 -222.74	222.36 4.50 -169.20	206.19 4.01 -158.65	177.83 8.41 -76.35	138.04 9.64 -21.17	78.78 6.18 -5.18	92.73 7.72 0.00
CE_MILLWOOD___DRP 24193	68.19 5.27 -0.63	99.98 7.67 -1.58	105.85 8.17 0.00	88.34 6.95 0.00	85.75 6.81 -1.22	93.56 4.92 -33.97	119.30 4.07 -69.78	157.76 10.72 -21.64	171.40 6.03 -96.27	167.41 4.02 -118.62	155.79 3.20 -117.11	137.65 3.44 -96.15	116.07 2.77 -82.71	114.58 6.03 -40.73	113.73 6.26 -36.20	118.12 6.74 -35.05	168.31 6.46 -88.19	265.38 3.61 -221.36	221.17 4.36 -168.15	205.08 3.88 -157.66	177.10 8.15 -75.87	137.61 9.34 -21.04	78.55 5.99 -5.15	92.45 7.44 0.00
CE_NYC2_DRP 24202	69.12 6.27 -0.57	101.39 9.07 -1.59	107.18 9.50 0.00	89.40 8.00 0.00	86.76 7.81 -1.22	94.46 5.59 -34.20	120.44 4.69 -70.30	159.67 12.42 -21.84	173.25 6.96 -97.19	169.15 4.63 -119.73	157.35 3.69 -118.19	139.23 4.03 -97.14	117.51 3.25 -83.66	116.24 7.15 -41.27	115.37 7.40 -36.70	119.83 7.91 -35.59	170.42 7.51 -89.25	268.02 4.12 -223.48	223.38 4.97 -169.76	207.16 4.46 -159.17	179.11 9.44 -76.60	139.41 10.93 -21.25	79.57 6.95 -5.20	93.77 8.75 -0.01
CE_NYC_DRP 24195	68.83 5.98 -0.56	100.96 8.65 -1.58	106.80 9.12 0.00	89.10 7.72 0.00	86.50 7.55 -1.22	94.30 5.43 -34.20	120.27 4.53 -70.29	159.34 12.10 -21.84	173.15 6.87 -97.18	169.08 4.59 -119.72	157.26 3.62 -118.17	139.13 3.95 -97.13	117.43 3.18 -83.65	116.05 6.98 -41.26	115.18 7.23 -36.69	119.61 7.70 -35.58	170.23 7.35 -89.23	267.90 4.04 -223.45	223.29 4.90 -169.74	207.04 4.36 -159.15	178.89 9.23 -76.59	138.98 10.51 -21.24	79.29 6.68 -5.20	93.44 8.43 0.00
CHAFFEE___LFGE 323603	59.00 -3.29 0.00	85.45 -5.57 -0.29	91.08 -6.61 0.00	76.13 -5.26 0.00	73.21 -4.74 -0.23	56.28 -3.45 -5.06	51.01 -3.29 -8.85	118.67 -7.74 -1.01	69.00 -4.60 -4.50	45.72 -3.05 -4.00	36.38 -2.62 -3.52	36.25 -2.66 -0.85	28.73 -2.09 -0.23	57.29 -4.50 6.03	58.40 -4.83 8.03	66.75 -5.46 4.12	69.09 -4.25 0.31	40.24 -2.48 -2.31	41.99 -2.71 3.95	35.60 -2.29 5.65	85.76 -5.71 1.60	100.13 -8.01 -0.92	63.12 -4.60 -0.31	80.23 -4.78 0.00
CHATEAUG_35_KV_LOAD 355732	60.12 -2.17 0.00	87.62 -3.11 0.00	94.30 -3.38 0.00	78.30 -3.09 0.00	74.64 -3.08 0.00	52.27 -2.41 0.00	48.63 -1.94 -5.11	132.28 -4.64 -11.51	67.71 -2.68 -1.30	42.86 -1.91 0.00	33.89 -1.59 0.00	36.43 -1.63 0.00	29.19 -1.41 0.00	69.52 -2.87 -4.58	68.47 -2.79 0.00	73.57 -2.76 0.00	70.91 -2.74 0.00	22.63 -1.76 16.02	46.53 -2.12 0.00	41.72 -1.82 0.00	90.84 -3.37 -1.15	104.26 -2.96 0.00	65.41 -2.00 0.00	82.37 -2.65 0.00
CHATEAUG_WT_PWR 323614	59.74 -2.55 0.00	87.14 -3.59 0.00	93.78 -3.90 0.00	77.88 -3.51 0.00	74.20 -3.53 0.00	51.90 -2.77 0.00	-6.42 -2.25 49.62	8.10 -5.61 111.69	53.30 -3.18 12.61	42.59 -2.18 0.00	33.69 -1.79 0.00	36.21 -1.85 0.00	29.00 -1.60 0.00	20.11 -3.30 44.41	68.05 -3.21 0.00	73.24 -3.08 0.00	70.48 -3.18 0.00	22.27 -2.06 16.09	46.21 -2.44 0.00	41.43 -2.11 0.00	77.91 -4.04 11.12	103.56 -3.66 0.00	65.15 -2.26 0.00	82.16 -2.85 0.00
CHAT_HIGH_FALL_HYD 323578	60.12 -2.17 0.00	87.62 -3.11 0.00	94.30 -3.38 0.00	78.30 -3.09 0.00	74.64 -3.08 0.00	52.27 -2.41 0.00	48.63 -1.94 -5.11	132.28 -4.64 -11.51	67.71 -2.68 -1.30	42.86 -1.91 0.00	33.89 -1.59 0.00	36.43 -1.63 0.00	29.19 -1.41 0.00	69.52 -2.87 -4.58	68.47 -2.79 0.00	73.57 -2.76 0.00	70.91 -2.74 0.00	22.63 -1.76 16.02	46.53 -2.12 0.00	41.72 -1.82 0.00	90.84 -3.37 -1.15	104.26 -2.96 0.00	65.41 -2.00 0.00	82.37 -2.65 0.00
CHAUTAUQUA___LFGE 323629	58.88 -3.41 0.00	85.11 -5.91 -0.29	90.80 -6.88 0.00	75.91 -5.48 0.00	72.83 -5.12 -0.22	55.82 -3.82 -4.96	50.52 -3.63 -8.69	117.29 -9.10 -0.99	68.39 -5.12 -4.42	44.95 -3.37 -3.54	35.07 -3.20 -2.79	35.06 -3.21 -0.22	27.24 -2.56 0.79	55.16 -5.39 7.26	55.79 -5.93 9.55	64.57 -6.66 5.10	67.47 -5.18 1.01	38.39 -2.87 -0.84	39.47 -3.21 5.97	32.94 -2.74 7.86	84.32 -6.27 2.48	99.45 -8.66 -0.89	62.71 -5.01 -0.31	80.08 -4.93 0.00
CHERRYST_13_KV_LD 356241	69.02 6.17 -0.56	101.22 8.90 -1.58	107.10 9.42 0.00	89.35 7.96 0.00	86.73 7.78 -1.22	94.47 5.60 -34.20	120.40 4.67 -70.29	159.84 12.60 -21.84	173.41 7.14 -97.18	169.26 4.77 -119.72	157.41 3.77 -118.17	139.29 4.10 -97.13	117.55 3.31 -83.65	116.34 7.26 -41.26	115.48 7.52 -36.69	119.93 8.02 -35.58	170.56 7.68 -89.23	268.06 4.20 -223.45	223.48 5.09 -169.74	207.21 4.52 -159.15	179.22 9.56 -76.59	139.31 10.85 -21.24	79.51 6.90 -5.20	93.71 8.70 0.00

CHESTROR_138KV_BK263 355645	66.15 4.45 0.58	98.68 6.47 -1.47	104.61 6.92 0.00	87.30 5.91 0.00	84.67 5.81 -1.14	90.18 4.21 -31.30	112.70 3.47 -63.79	153.70 9.09 -19.21	159.66 5.10 -85.46	153.63 3.37 -105.48	142.71 2.68 -104.56	123.17 2.85 -82.26	96.64 2.26 -63.78	102.29 4.94 -29.52	101.60 5.13 -25.21	103.15 5.62 -21.21	147.71 5.43 -68.63	240.00 3.08 -196.51	201.64 3.71 -149.27	186.80 3.31 -139.96	167.34 6.91 -67.36	133.81 7.91 -18.68	77.09 5.08 -4.60	91.35 6.34 0.00
CH_MIDHUDSON___DRP 24192	67.87 5.56 -0.02	100.49 8.15 -1.61	106.41 8.72 0.00	88.78 7.39 0.00	86.19 7.22 -1.24	94.33 5.21 -34.45	120.28 4.37 -70.47	158.50 11.58 -21.51	171.30 6.47 -95.73	167.11 4.27 -118.06	155.69 3.41 -116.81	136.75 3.61 -95.09	114.38 2.90 -80.88	113.44 6.30 -39.32	112.64 6.61 -34.77	116.73 7.21 -33.18	166.62 6.98 -85.98	264.46 3.92 -220.12	220.63 4.76 -167.21	204.56 4.24 -156.78	177.33 8.81 -75.45	138.16 10.01 -20.92	78.93 6.38 -5.14	92.91 7.90 0.00
CH_MISC_IPPS 23765	68.31 6.01 -0.02	101.05 8.74 -1.58	107.03 9.34 0.00	89.33 7.94 0.00	86.69 7.74 -1.22	93.99 5.59 -33.72	119.01 4.72 -68.84	158.86 12.58 -20.88	168.95 6.96 -92.90	163.97 4.59 -114.61	152.57 3.59 -113.50	133.72 3.79 -91.88	111.00 3.04 -77.37	111.74 6.60 -37.32	111.10 6.98 -32.85	115.02 7.72 -30.97	163.37 7.51 -82.20	258.25 4.24 -213.60	216.01 5.10 -162.26	200.19 4.52 -152.14	175.85 9.57 -73.21	138.36 10.83 -20.30	79.26 6.85 -4.99	93.48 8.47 0.00
CH_RES_BVR_FALLS 23983	60.50 -1.79 0.00	88.22 -2.51 0.00	95.36 -2.33 0.00	79.25 -2.14 0.00	75.70 -2.03 0.00	53.21 -1.47 0.00	44.31 -1.14 0.00	122.63 -2.77 0.00	67.58 -1.51 0.00	43.58 -1.20 0.00	34.52 -0.96 0.00	37.02 -1.03 0.00	29.67 -0.92 0.00	65.98 -1.84 0.00	69.37 -1.90 0.00	74.12 -2.21 0.00	71.44 -2.21 0.00	15.40 -1.41 23.60	47.04 -1.62 0.00	42.18 -1.36 0.00	90.77 -2.30 0.00	105.25 -1.98 0.00	65.96 -1.45 0.00	83.23 -1.78 0.00
CH_RES_NIAGARA 23895	56.00 -6.29 0.00	80.92 -10.07 -0.26	86.10 -11.58 0.00	71.97 -9.42 0.00	69.47 -8.45 -0.20	53.12 -6.05 -4.50	47.69 -5.63 -7.87	111.88 -14.41 -0.89	64.50 -8.58 -3.98	42.70 -5.48 -3.41	33.77 -4.59 -2.89	33.84 -4.76 -0.54	26.66 -3.79 0.14	53.82 -8.19 5.81	54.76 -8.82 7.69	62.99 -9.32 4.01	64.78 -8.35 0.52	37.13 -4.82 -1.54	38.95 -5.46 4.24	32.87 -4.84 5.83	80.41 -10.92 1.74	94.15 -13.88 -0.81	59.63 -8.06 -0.28	76.40 -8.61 0.00
CH_RES_SYRACUSE 23985	61.92 -0.36 0.00	90.29 -0.63 -0.19	96.99 -0.69 0.00	80.92 -0.47 0.00	77.51 -0.37 -0.14	57.72 -0.18 -3.22	51.01 -0.07 -5.63	126.04 0.01 -0.63	71.89 -0.01 -2.81	48.65 0.05 -3.82	40.06 0.02 -4.57	40.79 -0.04 -2.77	34.55 -0.01 -3.96	68.82 -0.12 -1.12	72.12 -0.13 -0.98	77.56 -0.12 -1.36	76.30 0.17 -2.47	47.03 0.16 -6.45	53.71 0.15 -4.90	48.27 0.14 -4.59	95.33 0.05 -2.21	107.36 -0.48 -0.61	67.34 -0.27 -0.20	84.79 -0.22 0.00
CLINTON_WT_PWR 323605	59.74 -2.55 0.00	87.14 -3.59 0.00	93.78 -3.90 0.00	77.88 -3.51 0.00	74.20 -3.53 0.00	51.90 -2.77 0.00	-6.42 -2.25 49.62	8.10 -5.61 111.69	53.30 -3.18 12.61	42.59 -2.18 0.00	33.69 -1.79 0.00	36.21 -1.85 0.00	29.00 -1.60 0.00	20.11 -3.30 44.41	68.05 -3.21 0.00	73.24 -3.08 0.00	70.48 -3.18 0.00	22.27 -2.06 16.09	46.21 -2.44 0.00	41.43 -2.11 0.00	77.91 -4.04 11.12	103.56 -3.66 0.00	65.15 -2.26 0.00	82.16 -2.85 0.00
CLINTON___LFGE 323618	61.07 -1.22 0.00	89.16 -1.57 0.00	95.81 -1.87 0.00	79.57 -1.82 0.00	75.82 -1.90 0.00	52.97 -1.71 0.00	80.67 -1.33 -36.55	204.66 -3.02 -82.28	76.64 -1.74 -9.29	43.51 -1.27 0.00	34.38 -1.09 0.00	36.92 -1.14 0.00	29.60 -0.99 0.00	98.50 -2.03 -32.71	69.42 -1.84 0.00	74.79 -1.54 0.00	71.99 -1.66 0.00	23.15 -1.19 16.07	47.27 -1.39 0.00	42.37 -1.17 0.00	99.01 -2.25 -8.19	105.49 -1.74 0.00	66.32 -1.09 0.00	83.73 -1.28 0.00
COBBLENY_34_KV_TB1 80064	59.01 -3.28 0.00	85.44 -5.59 -0.29	91.08 -6.61 0.00	76.13 -5.26 0.00	73.23 -4.72 -0.23	56.28 -3.45 -5.06	51.04 -3.27 -8.85	118.62 -7.79 -1.01	68.80 -4.80 -4.50	45.74 -3.04 -4.00	36.29 -2.71 -3.52	36.17 -2.74 -0.85	28.67 -2.16 -0.23	57.11 -4.68 6.03	58.18 -5.06 8.03	66.72 -5.49 4.12	68.82 -4.53 0.31	40.14 -2.58 -2.31	41.79 -2.92 3.95	35.34 -2.55 5.65	85.64 -5.83 1.60	100.07 -8.07 -0.92	63.11 -4.62 -0.31	80.22 -4.79 0.00
COFFEEN___115KV_TB3 355620	61.36 -0.93 0.00	89.44 -1.38 -0.09	96.92 -0.76 0.00	80.81 -0.58 0.00	77.45 -0.34 -0.07	56.15 0.11 -1.37	48.23 0.57 -2.22	128.54 3.14 0.00	70.80 1.71 0.00	45.48 0.48 -0.22	36.31 0.12 -0.72	37.75 -0.30 0.00	31.17 -0.45 -1.02	66.44 -1.38 0.00	69.30 -1.96 0.00	74.81 -1.79 -0.27	73.64 -0.01 0.00	31.75 0.29 8.95	49.10 0.45 0.00	43.92 0.39 0.00	94.55 1.48 0.00	109.06 1.83 0.00	68.34 0.90 -0.03	85.49 0.47 0.00
COLDSPRG_115KV_BK1 355956	60.98 -1.31 0.00	88.44 -2.60 -0.31	94.60 -3.09 0.00	79.07 -2.32 0.00	75.65 -2.31 -0.24	58.08 -1.91 -5.32	52.76 -2.01 -9.32	122.08 -4.39 -1.07	71.10 -2.74 -4.75	48.50 -1.55 -5.58	39.33 -1.72 -5.58	39.05 -1.65 -2.64	32.46 -1.22 -3.09	62.80 -2.46 2.56	64.63 -2.85 3.79	71.58 -3.38 1.37	72.87 -2.44 -1.66	45.37 -1.49 -6.44	48.61 -1.77 -1.72	42.60 -1.46 -0.53	91.04 -2.90 -0.88	103.61 -4.61 -1.00	65.27 -2.47 -0.33	83.24 -1.77 0.00
COLONIE_LFGE___ 323577	65.41 3.12 0.00	97.54 4.71 -2.10	102.57 4.88 0.00	85.51 4.12 0.00	83.49 4.14 -1.62	90.80 3.03 -33.09	101.34 2.55 -53.34	131.45 6.05 0.00	72.65 3.56 0.00	52.67 2.48 -5.42	54.69 2.02 -17.20	40.56 2.09 -0.41	58.37 1.73 -26.04	72.36 3.66 -0.88	76.09 3.90 -0.92	88.68 4.46 -7.89	79.05 4.11 -1.28	42.75 2.34 0.00	51.51 2.86 0.00	45.97 2.43 0.00	97.93 4.87 0.00	112.93 5.70 0.00	71.88 3.78 -0.69	89.59 4.58 0.00
COOPERNY_115KV_TB1 80082	65.29 3.28 0.27	96.64 4.70 -1.21	102.72 5.04 0.00	85.73 4.34 0.00	82.92 4.26 -0.93	82.40 3.10 -24.63	96.88 2.55 -48.88	145.31 6.70 -13.21	131.63 3.75 -58.79	120.36 2.52 -73.07	110.97 1.98 -73.51	96.64 2.13 -56.46	78.32 1.69 -46.03	91.70 3.66 -20.22	92.31 3.79 -17.25	95.54 4.14 -15.07	124.75 4.01 -47.08	177.85 2.26 -135.18	154.06 2.72 -102.68	142.25 2.44 -96.28	144.50 5.10 -46.33	125.86 5.78 -12.85	74.35 3.72 -3.23	89.67 4.66 0.00
COPENHAGEN_WT_PWR 323753	59.91 -2.37 0.00	87.32 -3.50 -0.09	94.79 -2.89 0.00	79.05 -2.34 0.00	75.72 -2.08 -0.07	54.95 -1.14 -1.42	47.19 -0.54 -2.29	125.45 0.05 0.00	69.14 0.04 0.00	44.40 -0.61 -0.23	35.56 -0.65 -0.74	36.94 -1.11 0.00	30.58 -1.07 -1.05	65.15 -2.67 0.00	68.01 -3.25 0.00	73.37 -3.24 -0.28	71.91 -1.74 0.00	31.19 -0.78 8.44	47.78 -0.87 0.00	42.77 -0.76 0.00	92.17 -0.90 0.00	106.59 -0.64 0.00	66.97 -0.48 -0.03	83.74 -1.27 0.00
CORNELL____ 23752	63.47 1.18 0.00	92.55 1.44 -0.38	99.23 1.55 0.00	82.88 1.49 0.00	79.45 1.43 -0.29	62.35 1.10 -6.58	58.02 1.04 -11.53	130.17 3.45 -1.33	76.78 1.78 -5.91	54.00 1.20 -8.02	45.77 0.77 -9.53	44.48 0.70 -5.72	39.01 0.63 -7.79	71.26 1.34 -2.10	74.61 1.54 -1.80	80.49 1.73 -2.43	80.55 2.06 -4.83	55.21 1.20 -13.60	60.41 1.43 -10.33	54.52 1.30 -9.68	100.29 2.56 -4.66	110.68 2.17 -1.29	69.13 1.31 -0.41	86.87 1.86 0.00

CORONA V_69_KV_TB1 355595	113.86 7.17 -44.40	188.95 10.27 -87.95	118.35 11.17 -9.49	90.55 9.16 0.00	87.96 9.01 -1.22	95.45 6.57 -34.21	137.48 5.42 -86.61	167.08 14.34 -27.33	174.11 7.79 -97.22	169.60 5.06 -119.77	161.42 4.25 -121.69	139.78 4.55 -97.17	117.85 3.56 -83.69	120.92 7.97 -45.13	116.17 8.19 -36.72	175.54 8.93 -90.29	192.38 8.56 -110.16	268.39 4.44 -223.53	224.02 5.57 -169.80	207.78 5.03 -159.21	180.43 10.74 -76.62	140.99 12.52 -21.25	80.69 8.08 -5.20	101.88 10.15 -6.72
CORTLAND_115KV_TB3 80093	62.93 0.65 0.00	91.77 0.73 -0.31	98.48 0.80 0.00	82.23 0.84 0.00	78.78 0.81 -0.24	60.76 0.68 -5.41	55.57 0.66 -9.46	128.70 2.21 -1.08	75.07 1.15 -4.82	52.17 0.85 -6.55	43.83 0.57 -7.79	43.24 0.52 -4.66	37.43 0.46 -6.38	70.49 0.96 -1.71	73.79 1.05 -1.47	79.47 1.15 -1.99	78.97 1.38 -3.94	52.28 0.78 -11.09	57.99 0.92 -8.42	52.28 0.84 -7.90	98.47 1.60 -3.80	109.53 1.25 -1.05	68.53 0.79 -0.33	86.15 1.14 0.00
COXSACKIE__GT 23611	68.13 5.84 0.00	101.09 8.41 -1.95	106.67 8.99 0.00	88.87 7.48 0.00	86.21 6.98 -1.50	91.66 5.16 -31.82	103.19 4.57 -53.17	140.67 12.56 -2.71	88.20 7.03 -12.07	68.56 4.40 -19.39	67.43 2.94 -29.02	52.94 2.73 -12.16	63.94 2.23 -31.12	77.63 4.57 -5.25	80.67 4.73 -4.69	92.22 5.84 -10.06	91.69 6.78 -11.26	72.36 4.19 -27.75	74.81 5.08 -21.08	67.60 4.30 -19.77	111.16 8.58 -9.51	119.40 9.53 -2.64	74.80 6.17 -1.22	92.53 7.52 0.00
CPV_VALLEY__CC1 323721	65.70 3.80 0.38	97.63 5.52 -1.38	103.54 5.86 0.00	86.41 5.02 0.00	83.75 4.96 -1.06	87.18 3.60 -28.91	106.91 2.95 -58.50	150.20 7.68 -17.12	149.58 4.29 -76.20	141.88 2.89 -94.22	131.49 2.27 -93.75	113.54 2.40 -73.08	89.29 1.94 -56.76	97.79 4.19 -25.78	97.55 4.37 -21.91	99.40 4.79 -18.28	138.62 4.57 -60.40	218.20 2.58 -175.21	184.83 3.08 -133.09	171.06 2.74 -124.79	158.98 5.85 -60.06	130.61 6.73 -16.65	75.89 4.36 -4.12	90.45 5.44 0.00
CPV_VALLEY__CC2 323722	65.70 3.80 0.38	97.63 5.52 -1.38	103.54 5.86 0.00	86.41 5.02 0.00	83.75 4.96 -1.06	87.18 3.60 -28.91	106.91 2.95 -58.50	150.20 7.68 -17.12	149.58 4.29 -76.20	141.88 2.89 -94.22	131.49 2.27 -93.75	113.54 2.40 -73.08	89.29 1.94 -56.76	97.79 4.19 -25.78	97.55 4.37 -21.91	99.40 4.79 -18.28	138.62 4.57 -60.40	218.20 2.58 -175.21	184.83 3.08 -133.09	171.06 2.74 -124.79	158.98 5.85 -60.06	130.61 6.73 -16.65	75.89 4.36 -4.12	90.45 5.44 0.00
CRESCENT__HYD 24018	65.41 3.12 0.00	97.54 4.71 -2.10	102.57 4.88 0.00	85.51 4.12 0.00	83.49 4.14 -1.62	90.80 3.03 -33.09	101.34 2.55 -53.34	131.45 6.05 0.00	72.65 3.56 0.00	52.67 2.48 -5.42	54.69 2.02 -17.20	40.56 2.09 -0.41	58.37 1.73 -26.04	72.36 3.66 -0.88	76.09 3.90 -0.92	88.68 4.46 -7.89	79.05 4.11 -1.28	42.75 2.34 0.00	51.51 2.86 0.00	45.97 2.43 0.00	97.93 4.87 0.00	112.93 5.70 0.00	71.88 3.78 -0.69	89.59 4.58 0.00
CRICKET__VALLEY_CC1 323756	67.26 4.73 -0.24	99.53 7.12 -1.68	105.34 7.66 0.00	87.92 6.53 0.00	85.42 6.39 -1.30	95.04 4.54 -35.82	122.31 3.77 -73.08	157.17 9.67 -22.10	172.90 5.47 -98.33	169.82 3.71 -121.33	158.67 2.99 -120.20	139.48 3.14 -98.29	118.77 2.58 -85.59	115.15 5.55 -41.78	114.25 5.83 -37.16	118.89 6.27 -36.29	169.90 5.92 -90.32	269.83 3.32 -226.09	224.45 4.06 -171.75	208.14 3.57 -161.03	177.97 7.41 -77.50	137.26 8.55 -21.49	78.27 5.58 -5.29	91.90 6.89 0.00
CRICKET__VALLEY_CC2 323757	67.26 4.73 -0.24	99.53 7.12 -1.68	105.34 7.66 0.00	87.92 6.53 0.00	85.42 6.39 -1.30	95.04 4.54 -35.82	122.31 3.77 -73.08	157.17 9.67 -22.10	172.90 5.47 -98.33	169.82 3.71 -121.33	158.67 2.99 -120.20	139.48 3.14 -98.29	118.77 2.58 -85.59	115.15 5.55 -41.78	114.25 5.83 -37.16	118.89 6.27 -36.29	169.90 5.92 -90.32	269.83 3.32 -226.09	224.45 4.06 -171.75	208.14 3.57 -161.03	177.97 7.41 -77.50	137.26 8.55 -21.49	78.27 5.58 -5.29	91.90 6.89 0.00
CRICKET__VALLEY_CC3 323758	67.26 4.73 -0.24	99.53 7.12 -1.68	105.34 7.66 0.00	87.92 6.53 0.00	85.42 6.39 -1.30	95.04 4.54 -35.82	122.31 3.77 -73.08	157.17 9.67 -22.10	172.90 5.47 -98.33	169.82 3.71 -121.33	158.67 2.99 -120.20	139.48 3.14 -98.29	118.77 2.58 -85.59	115.15 5.55 -41.78	114.25 5.83 -37.16	118.89 6.27 -36.29	169.90 5.92 -90.32	269.83 3.32 -226.09	224.45 4.06 -171.75	208.14 3.57 -161.03	177.97 7.41 -77.50	137.26 8.55 -21.49	78.27 5.58 -5.29	91.90 6.89 0.00
CRUCIBLE_METL_DRP 24180	61.92 -0.36 0.00	90.28 -0.63 -0.19	96.99 -0.69 0.00	80.92 -0.47 0.00	77.50 -0.37 -0.14	57.72 -0.18 -3.22	51.01 -0.07 -5.63	126.05 0.02 -0.63	71.88 -0.02 -2.81	48.65 0.05 -3.82	40.05 0.01 -4.57	40.78 -0.05 -2.77	34.55 -0.01 -3.96	68.81 -0.13 -1.12	72.11 -0.14 -0.98	77.57 -0.12 -1.36	76.27 0.14 -2.47	47.02 0.15 -6.45	53.70 0.14 -4.90	48.27 0.14 -4.59	95.32 0.04 -2.21	107.36 -0.48 -0.61	67.34 -0.27 -0.20	84.79 -0.22 0.00
DAHOWA__HYDRO 323763	65.76 3.47 0.00	98.09 5.23 -2.13	103.26 5.57 0.00	86.16 4.77 0.00	84.24 4.87 -1.64	91.53 3.63 -33.23	101.56 3.15 -52.97	132.45 7.90 0.85	69.78 4.46 3.78	48.70 2.92 -1.01	51.07 2.23 -13.37	37.00 2.29 3.34	56.47 1.94 -23.94	71.17 4.04 0.69	75.35 4.55 0.47	88.60 5.42 -6.85	76.70 5.17 2.13	34.63 2.90 8.68	45.61 3.55 6.60	40.40 3.05 6.19	96.10 6.01 2.98	113.20 6.80 0.83	72.27 4.34 -0.52	90.17 5.16 0.00
DANC__LFGE 323619	60.14 -2.15 0.00	87.68 -3.16 -0.10	94.79 -2.89 0.00	78.99 -2.40 0.00	75.69 -2.12 -0.08	55.07 -1.26 -1.66	47.35 -0.78 -2.68	124.20 -1.20 0.00	68.45 -0.65 0.00	44.29 -0.76 -0.27	35.64 -0.69 -0.87	37.03 -1.02 0.00	30.92 -0.91 -1.24	65.56 -2.26 0.00	68.60 -2.66 0.00	73.89 -2.77 -0.33	71.90 -1.75 0.00	33.99 -0.81 5.62	47.71 -0.95 0.00	42.69 -0.85 0.00	91.67 -1.39 0.00	105.74 -1.48 0.00	66.47 -0.97 -0.04	83.37 -1.65 0.00
DANSKAMMER__1 23586	68.31 6.01 -0.02	101.05 8.74 -1.58	107.03 9.34 0.00	89.33 7.94 0.00	86.69 7.74 -1.22	93.99 5.59 -33.72	119.01 4.72 -68.84	158.86 12.58 -20.88	168.95 6.96 -92.90	163.97 4.59 -114.61	152.57 3.59 -113.50	133.72 3.79 -91.88	111.00 3.04 -77.37	111.74 6.60 -37.32	111.10 6.98 -32.85	115.02 7.72 -30.97	163.37 7.51 -82.20	258.25 4.24 -213.60	216.01 5.10 -162.26	200.19 4.52 -152.14	175.85 9.57 -73.21	138.36 10.83 -20.30	79.26 6.85 -4.99	93.48 8.47 0.00
DANSKAMMER__2 23589	68.31 6.01 -0.02	101.05 8.74 -1.58	107.03 9.34 0.00	89.33 7.94 0.00	86.69 7.74 -1.22	93.99 5.59 -33.72	119.01 4.72 -68.84	158.86 12.58 -20.88	168.95 6.96 -92.90	163.97 4.59 -114.61	152.57 3.59 -113.50	133.72 3.79 -91.88	111.00 3.04 -77.37	111.74 6.60 -37.32	111.10 6.98 -32.85	115.02 7.72 -30.97	163.37 7.51 -82.20	258.25 4.24 -213.60	216.01 5.10 -162.26	200.19 4.52 -152.14	175.85 9.57 -73.21	138.36 10.83 -20.30	79.26 6.85 -4.99	93.48 8.47 0.00
DANSKAMMER__3 23590	68.31 6.01 -0.02	101.05 8.74 -1.58	107.03 9.34 0.00	89.33 7.94 0.00	86.69 7.74 -1.22	93.99 5.59 -33.72	119.01 4.72 -68.84	158.86 12.58 -20.88	168.95 6.96 -92.90	163.97 4.59 -114.61	152.57 3.59 -113.50	133.72 3.79 -91.88	111.00 3.04 -77.37	111.74 6.60 -37.32	111.10 6.98 -32.85	115.02 7.72 -30.97	163.37 7.51 -82.20	258.25 4.24 -213.60	216.01 5.10 -162.26	200.19 4.52 -152.14	175.85 9.57 -73.21	138.36 10.83 -20.30	79.26 6.85 -4.99	93.48 8.47 0.00

DANSKAMMER___4 23591	68.31 6.01 -0.02	101.05 8.74 -1.58	107.03 9.34 0.00	89.33 7.94 0.00	86.69 7.74 -1.22	93.99 5.59 -33.72	119.01 4.72 -68.84	158.86 12.58 -20.88	168.95 6.96 -92.90	163.97 4.59 -114.61	152.57 3.59 -113.50	133.72 3.79 -91.88	111.00 3.04 -77.37	111.74 6.60 -37.32	111.10 6.98 -32.85	115.02 7.72 -30.97	163.37 7.51 -82.20	258.25 4.24 -213.60	216.01 5.10 -162.26	200.19 4.52 -152.14	175.85 9.57 -73.21	138.36 10.83 -20.30	79.26 6.85 -4.99	93.48 8.47 0.00
DANSKAMMER___DIESEL 23592	68.31 6.01 -0.02	101.05 8.74 -1.58	107.03 9.35 0.00	89.33 7.94 0.00	86.68 7.74 -1.22	93.98 5.59 -33.72	119.01 4.71 -68.84	158.90 12.63 -20.88	168.99 7.00 -92.90	163.96 4.58 -114.61	152.60 3.62 -113.50	133.77 3.83 -91.88	111.03 3.06 -77.37	111.78 6.65 -37.32	111.13 7.01 -32.85	115.03 7.73 -30.97	163.42 7.56 -82.20	258.28 4.27 -213.60	216.06 5.16 -162.26	200.27 4.60 -152.14	175.85 9.56 -73.21	138.36 10.83 -20.30	79.26 6.86 -4.99	93.47 8.46 0.00
DARBY___SOLAR 323810	65.67 3.38 0.00	97.95 5.09 -2.13	103.07 5.39 0.00	86.01 4.63 0.00	84.06 4.69 -1.64	91.35 3.49 -33.19	101.42 3.01 -52.96	132.14 7.51 0.77	69.90 4.24 3.43	48.94 2.76 -1.41	51.29 2.12 -13.70	37.24 2.18 3.00	56.55 1.85 -24.11	71.16 3.88 0.54	75.23 4.31 0.34	88.45 5.18 -6.95	76.80 4.96 1.82	35.30 2.78 7.89	46.06 3.41 6.00	40.83 2.92 5.62	96.13 5.77 2.71	113.00 6.52 0.75	72.14 4.20 -0.53	90.02 5.01 0.00
DASHVILLE___HYD 23610	69.84 7.54 -0.01	103.27 10.90 -1.63	109.34 11.66 0.00	91.28 9.89 0.00	88.59 9.60 -1.26	93.88 7.02 -32.19	113.97 6.00 -62.52	157.22 16.52 -15.30	146.29 9.12 -68.07	135.84 5.86 -85.21	127.08 4.52 -87.09	109.73 4.61 -67.07	95.26 3.61 -61.06	102.18 7.79 -26.57	102.83 8.30 -23.27	108.80 9.48 -22.99	142.41 9.64 -59.11	202.46 5.53 -156.51	174.25 6.70 -118.89	160.96 5.94 -111.48	159.09 12.38 -53.65	135.92 13.82 -14.88	79.79 8.56 -3.81	95.51 10.50 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	114.03 7.34 -44.40	194.55 9.40 -94.42	121.28 12.17 -11.43	91.42 10.03 0.00	89.00 10.05 -1.22	96.31 7.43 -34.21	138.02 5.95 -86.61	168.14 15.41 -27.33	174.14 7.83 -97.22	169.44 4.89 -119.77	161.05 3.89 -121.69	139.51 4.28 -97.17	117.45 3.16 -83.69	120.81 7.87 -45.13	115.16 7.18 -36.71	175.22 8.61 -90.28	192.27 8.46 -110.16	267.62 3.67 -223.53	223.73 5.27 -169.80	207.67 4.92 -159.21	180.03 10.35 -76.62	140.41 11.94 -21.25	80.75 8.13 -5.20	102.60 10.87 -6.72
DELAWARE___LFGE 323621	64.83 2.54 0.00	94.99 3.54 -0.72	101.57 3.88 0.00	84.73 3.34 0.00	81.54 3.25 -0.56	69.54 2.37 -12.49	69.42 2.04 -21.94	133.59 5.60 -2.59	83.67 3.07 -11.51	62.42 2.08 -15.56	55.47 1.61 -18.39	50.90 1.70 -11.14	46.94 1.36 -14.98	74.91 2.97 -4.12	77.94 3.13 -3.54	84.45 3.42 -4.71	86.46 3.36 -9.45	68.75 1.87 -26.47	71.01 2.26 -20.10	64.40 2.02 -18.85	106.35 4.21 -9.07	114.23 4.49 -2.52	71.04 2.83 -0.79	88.63 3.62 0.00
DERFIELD_115KV_TB7 355931	62.77 0.48 0.00	91.45 0.72 0.00	98.47 0.78 0.00	82.05 0.65 0.00	78.43 0.70 0.00	55.22 0.55 0.00	45.86 0.41 0.00	126.38 0.98 0.00	69.68 0.59 0.00	45.19 0.41 0.00	35.82 0.34 0.00	38.40 0.34 0.00	30.88 0.28 0.00	68.37 0.55 0.00	71.83 0.57 0.00	76.96 0.64 0.00	74.28 0.62 0.00	42.34 0.37 -1.56	49.10 0.45 0.00	43.93 0.39 0.00	93.81 0.74 0.00	108.09 0.87 0.00	68.08 0.67 0.00	85.78 0.77 0.00
DOGLEVILLE___HYD 23807	64.34 2.06 0.00	93.81 3.08 0.00	100.94 3.26 0.00	84.18 2.79 0.00	80.54 2.82 0.00	56.99 2.32 0.00	47.42 1.97 0.00	129.84 4.44 0.00	71.52 2.42 0.00	46.37 1.59 0.00	36.54 1.06 0.00	38.97 0.91 0.00	31.48 0.88 0.00	69.40 1.59 0.00	73.01 1.74 0.00	78.88 2.55 0.00	76.52 2.86 0.00	43.76 1.78 -1.56	50.85 2.20 0.00	45.44 1.90 0.00	96.74 3.67 0.00	111.36 4.13 0.00	70.17 2.76 0.00	88.11 3.10 0.00
DUNKIRK___115KV_TB_200 55889	58.80 -3.49 0.00	85.01 -6.01 -0.29	90.65 -7.03 0.00	75.78 -5.61 0.00	72.74 -5.21 -0.22	55.76 -3.86 -4.95	50.46 -3.66 -8.67	117.22 -9.17 -0.99	68.13 -5.37 -4.40	44.87 -3.38 -3.48	34.88 -3.28 -2.69	34.88 -3.30 -0.13	27.03 -2.62 0.94	54.78 -5.59 7.44	55.36 -6.15 9.76	64.42 -6.67 5.24	67.07 -5.47 1.11	38.06 -2.99 -0.63	38.96 -3.43 6.26	32.34 -3.02 8.17	83.98 -6.49 2.61	99.29 -8.82 -0.88	62.63 -5.09 -0.31	79.95 -5.06 0.00
DUNKIRK___1 23563	58.80 -3.49 0.00	85.01 -6.01 -0.29	90.65 -7.03 0.00	75.78 -5.61 0.00	72.74 -5.21 -0.22	55.76 -3.86 -4.95	50.46 -3.66 -8.67	117.22 -9.17 -0.99	68.13 -5.37 -4.40	44.87 -3.38 -3.48	34.88 -3.28 -2.69	34.88 -3.30 -0.13	27.03 -2.62 0.94	54.78 -5.59 7.44	55.36 -6.15 9.76	64.42 -6.67 5.24	67.07 -5.47 1.11	38.06 -2.99 -0.63	38.96 -3.43 6.26	32.34 -3.02 8.17	83.98 -6.49 2.61	99.29 -8.82 -0.88	62.63 -5.09 -0.31	79.95 -5.06 0.00
DUNKIRK___2 23564	58.80 -3.49 0.00	85.01 -6.01 -0.29	90.65 -7.03 0.00	75.78 -5.61 0.00	72.74 -5.21 -0.22	55.76 -3.86 -4.95	50.46 -3.66 -8.67	117.22 -9.17 -0.99	68.13 -5.37 -4.40	44.87 -3.38 -3.48	34.88 -3.28 -2.69	34.88 -3.30 -0.13	27.03 -2.62 0.94	54.78 -5.59 7.44	55.36 -6.15 9.76	64.42 -6.67 5.24	67.07 -5.47 1.11	38.06 -2.99 -0.63	38.96 -3.43 6.26	32.34 -3.02 8.17	83.98 -6.49 2.61	99.29 -8.82 -0.88	62.63 -5.09 -0.31	79.95 -5.06 0.00
DUNKIRK___3 23565	58.62 -3.67 0.00	84.77 -6.24 -0.28	90.37 -7.31 0.00	75.52 -5.87 0.00	72.53 -5.41 -0.22	55.58 -3.98 -4.89	50.24 -3.77 -8.56	116.96 -9.41 -0.98	67.89 -5.55 -4.35	44.42 -3.50 -3.15	34.36 -3.26 -2.15	34.42 -3.29 0.34	26.29 -2.60 1.70	53.87 -5.58 8.38	54.25 -6.10 10.91	63.71 -6.64 5.98	66.50 -5.52 1.64	36.88 -3.07 0.47	37.38 -3.49 7.77	30.63 -3.08 9.83	83.06 -6.74 3.27	99.00 -9.08 -0.86	62.49 -5.22 -0.30	79.72 -5.29 0.00
DUNKIRK___4 23566	58.62 -3.67 0.00	84.77 -6.24 -0.28	90.37 -7.31 0.00	75.52 -5.87 0.00	72.53 -5.41 -0.22	55.58 -3.98 -4.89	50.24 -3.77 -8.56	116.96 -9.41 -0.98	67.89 -5.55 -4.35	44.42 -3.50 -3.15	34.36 -3.26 -2.15	34.42 -3.29 0.34	26.29 -2.60 1.70	53.87 -5.58 8.38	54.25 -6.10 10.91	63.71 -6.64 5.98	66.50 -5.52 1.64	36.88 -3.07 0.47	37.38 -3.49 7.77	30.63 -3.08 9.83	83.06 -6.74 3.27	99.00 -9.08 -0.86	62.49 -5.22 -0.30	79.72 -5.29 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	68.57 5.67 -0.62	100.54 8.22 -1.58	106.45 8.77 0.00	88.83 7.44 0.00	86.22 7.27 -1.22	94.10 5.23 -34.20	120.09 4.35 -70.29	158.79 11.55 -21.84	172.74 6.47 -97.18	168.79 4.29 -119.72	157.07 3.43 -118.17	138.87 3.69 -97.13	117.22 2.97 -83.65	115.59 6.51 -41.26	114.72 6.76 -36.69	119.18 7.27 -35.58	169.84 6.95 -89.23	267.71 3.84 -223.46	223.05 4.65 -169.74	206.83 4.14 -159.16	178.40 8.73 -76.59	138.48 10.01 -21.24	79.01 6.40 -5.20	93.03 8.02 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	67.48 5.40 0.20	100.10 7.84 -1.53	106.05 8.36 0.00	88.51 7.12 0.00	85.89 6.98 -1.18	92.18 5.06 -32.45	115.68 4.23 -66.00	156.40 11.28 -19.73	163.14 6.27 -87.77	157.28 4.12 -108.38	146.27 3.24 -107.55	127.21 3.40 -85.75	103.20 2.71 -69.90	106.66 5.89 -32.95	106.08 6.18 -28.63	109.04 6.86 -25.86	154.68 6.71 -74.31	246.04 3.81 -201.82	206.55 4.59 -153.31	191.37 4.09 -143.74	170.78 8.54 -69.17	136.10 9.69 -19.18	78.29 6.15 -4.73	92.64 7.63 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	68.89 6.04 -0.57	101.04 8.73 -1.59	106.83 9.15 0.00	89.07 7.68 0.00	86.49 7.54 -1.22	94.30 5.42 -34.20	120.45 4.70 -70.30	159.33 12.08 -21.84	173.06 6.78 -97.19	169.02 4.51 -119.73	157.23 3.57 -118.19	139.09 3.89 -97.14	117.35 3.08 -83.66	115.88 6.79 -41.27	114.96 6.99 -36.70	119.51 7.60 -35.59	170.10 7.19 -89.25	267.89 3.99 -223.48	223.23 4.81 -169.76	207.04 4.34 -159.17	178.82 9.15 -76.60	138.91 10.43 -21.25	79.24 6.63 -5.20	93.48 8.47 -0.01
E179THST_13_KV_LOAD 356214	69.21 6.36 -0.57	101.47 9.16 -1.59	107.29 9.61 0.00	89.47 8.08 0.00	86.84 7.89 -1.22	94.56 5.69 -34.20	120.69 4.94 -70.30	160.05 12.81 -21.84	173.45 7.16 -97.19	169.27 4.75 -119.73	157.43 3.77 -118.19	139.32 4.12 -97.14	117.52 3.26 -83.66	116.28 7.19 -41.27	115.38 7.42 -36.70	119.97 8.05 -35.59	170.54 7.63 -89.25	268.14 4.24 -223.48	223.53 5.11 -169.76	207.32 4.61 -159.17	179.37 9.71 -76.60	139.54 11.06 -21.25	79.62 7.00 -5.20	93.91 8.90 -0.01
EAST HAMPTON___GT 23717	112.71 6.02 -44.40	192.44 7.29 -94.42	119.96 10.84 -11.43	90.35 8.96 0.00	88.05 9.10 -1.22	95.68 6.80 -34.21	137.60 5.54 -86.61	166.89 14.16 -27.33	173.27 6.96 -97.22	168.92 4.38 -119.77	160.58 3.42 -121.69	138.96 3.74 -97.17	117.11 2.82 -83.69	120.07 7.13 -45.13	114.13 6.15 -36.71	174.25 7.64 -90.28	191.02 7.20 -110.16	266.60 2.65 -223.53	223.06 4.60 -169.81	207.11 4.36 -159.21	178.97 9.28 -76.62	139.16 10.69 -21.25	79.90 7.29 -5.20	101.46 9.73 -6.72
EAST RIVER___6 23660	68.82 5.96 -0.56	100.95 8.63 -1.58	106.77 9.09 0.00	89.09 7.70 0.00	86.49 7.54 -1.22	94.31 5.44 -34.20	120.27 4.53 -70.29	159.43 12.19 -21.84	173.19 6.91 -97.18	169.16 4.66 -119.72	157.28 3.64 -118.17	139.13 3.94 -97.13	117.46 3.21 -83.65	116.10 7.02 -41.26	115.30 7.34 -36.69	119.74 7.83 -35.58	170.33 7.44 -89.23	267.93 4.07 -223.45	223.28 4.90 -169.74	207.00 4.31 -159.15	178.99 9.34 -76.59	139.07 10.61 -21.24	79.34 6.73 -5.20	93.47 8.46 0.00
EAST RIVER___7 23524	68.82 5.96 -0.56	100.95 8.63 -1.58	106.77 9.09 0.00	89.09 7.70 0.00	86.49 7.54 -1.22	94.31 5.44 -34.20	120.27 4.53 -70.29	159.43 12.19 -21.84	173.19 6.91 -97.18	169.16 4.66 -119.72	157.28 3.64 -118.17	139.13 3.94 -97.13	117.46 3.21 -83.65	116.10 7.02 -41.26	115.30 7.34 -36.69	119.74 7.83 -35.58	170.33 7.44 -89.23	267.93 4.07 -223.45	223.28 4.90 -169.74	207.00 4.31 -159.15	178.99 9.34 -76.59	139.07 10.61 -21.24	79.34 6.73 -5.20	93.47 8.46 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	68.36 5.47 -0.61	100.25 7.94 -1.58	106.14 8.45 0.00	88.58 7.19 0.00	85.97 7.02 -1.22	93.86 5.07 -34.12	119.77 4.21 -70.12	158.32 11.15 -21.77	172.21 6.24 -96.87	168.27 4.15 -119.35	156.60 3.31 -117.81	138.40 3.56 -96.79	116.76 2.86 -83.30	115.13 6.25 -41.06	114.26 6.49 -36.50	118.69 6.99 -35.37	169.22 6.72 -88.84	266.87 3.71 -222.74	222.36 4.50 -169.20	206.19 4.01 -158.65	177.83 8.41 -76.35	138.04 9.64 -21.17	78.78 6.18 -5.18	92.73 7.72 0.00
EAST_HAMPTON___DIESEL 23722	112.53 5.85 -44.40	192.16 7.01 -94.42	119.64 10.53 -11.43	90.10 8.71 0.00	87.81 8.86 -1.22	95.52 6.64 -34.21	137.47 5.40 -86.61	166.52 13.79 -27.33	173.06 6.75 -97.22	168.78 4.23 -119.77	160.47 3.31 -121.69	138.84 3.61 -97.17	117.03 2.74 -83.69	119.89 6.95 -45.13	113.92 5.94 -36.71	174.01 7.40 -90.28	190.78 6.96 -110.16	266.48 2.54 -223.53	222.90 4.44 -169.81	206.96 4.22 -159.21	178.68 8.99 -76.62	138.84 10.37 -21.25	79.69 7.07 -5.20	101.19 9.46 -6.72
EAST_POINT___SOLAR 323840	66.77 4.48 0.00	99.48 6.42 -2.33	104.58 6.90 0.00	87.16 5.77 0.00	85.26 5.74 -1.80	95.19 4.18 -36.34	107.06 3.66 -57.95	135.25 10.74 0.89	70.67 5.53 3.95	49.23 3.14 -1.31	52.21 1.94 -14.80	36.19 1.75 3.62	57.84 1.46 -25.78	70.11 3.28 0.99	74.38 3.88 0.77	88.73 5.34 -7.06	77.14 6.11 2.63	34.84 3.51 9.08	45.98 4.23 6.90	40.83 3.76 6.47	97.89 7.94 3.11	115.22 8.86 0.86	73.14 5.16 -0.58	91.38 6.36 0.00
EAST_PULASKI___ESR 323781	60.25 -2.03 0.00	87.88 -2.97 -0.12	94.66 -3.02 0.00	78.86 -2.53 0.00	75.57 -2.25 -0.09	55.11 -1.43 -1.87	47.39 -1.07 -3.01	122.81 -2.59 0.00	67.74 -1.35 0.00	44.13 -0.95 -0.31	35.67 -0.78 -0.97	37.10 -0.95 0.00	31.19 -0.80 -1.39	65.86 -1.96 0.00	69.05 -2.22 0.00	74.33 -2.37 -0.37	71.83 -1.82 0.00	36.76 -0.86 2.80	47.61 -1.04 0.00	42.59 -0.94 0.00	91.05 -2.02 0.00	104.75 -2.47 0.00	65.89 -1.56 -0.04	82.88 -2.13 0.00
EAST_RIVER___1 323558	68.83 5.98 -0.56	100.96 8.65 -1.58	106.81 9.12 0.00	89.11 7.72 0.00	86.50 7.56 -1.22	94.30 5.43 -34.20	120.26 4.52 -70.29	159.31 12.07 -21.84	173.09 6.81 -97.18	169.09 4.59 -119.72	157.22 3.57 -118.17	139.06 3.87 -97.13	117.40 3.15 -83.65	115.99 6.91 -41.26	115.14 7.18 -36.69	119.60 7.69 -35.58	170.16 7.28 -89.23	267.87 4.00 -223.45	223.20 4.81 -169.74	206.94 4.25 -159.15	178.89 9.23 -76.59	138.98 10.51 -21.24	79.29 6.68 -5.20	93.45 8.43 0.00
EAST_RIVER___2 323559	68.82 5.96 -0.56	100.95 8.63 -1.58	106.77 9.09 0.00	89.09 7.70 0.00	86.49 7.54 -1.22	94.31 5.44 -34.20	120.27 4.53 -70.29	159.43 12.19 -21.84	173.19 6.91 -97.18	169.16 4.66 -119.72	157.28 3.64 -118.17	139.13 3.94 -97.13	117.46 3.21 -83.65	116.10 7.02 -41.26	115.30 7.34 -36.69	119.74 7.83 -35.58	170.33 7.44 -89.23	267.93 4.07 -223.45	223.28 4.90 -169.74	207.00 4.31 -159.15	178.99 9.34 -76.59	139.07 10.61 -21.24	79.34 6.73 -5.20	93.47 8.46 0.00
EAST___DELAWARE_HYD 23607	66.88 4.77 0.17	99.09 6.91 -1.45	105.04 7.35 0.00	87.68 6.29 0.00	85.02 6.18 -1.12	88.93 4.56 -29.69	108.55 3.93 -59.17	152.33 10.63 -16.29	147.59 5.99 -72.50	139.62 4.84 -90.00	128.86 3.71 -89.67	110.15 3.75 -68.35	92.50 2.57 -59.33	99.72 4.82 -27.08	99.98 5.21 -23.50	104.15 6.11 -21.71	141.05 6.21 -61.18	210.71 3.58 -166.71	179.61 4.31 -126.64	166.08 3.80 -118.74	158.21 8.00 -57.14	132.00 8.92 -15.85	76.92 5.54 -3.97	91.78 6.77 0.00
EIGHT_POINT___WT_PWR 323820	58.07 -4.22 0.00	84.08 -7.00 -0.36	89.47 -8.21 0.00	74.63 -6.76 0.00	71.56 -6.44 -0.27	56.32 -4.46 -6.12	52.46 -3.71 -10.71	117.40 -9.23 -1.23	69.18 -5.40 -5.48	57.69 -3.50 -16.42	57.09 -3.14 -24.76	54.73 -3.45 -20.12	59.35 -2.82 -31.57	95.57 -6.52 -34.28	105.89 -6.92 -41.54	96.02 -7.90 -27.59	88.57 -6.48 -21.40	83.76 -3.36 -46.71	104.44 -3.89 -59.68	104.46 -3.32 -64.24	111.50 -7.71 -26.14	98.75 -9.96 -1.49	61.82 -5.97 -0.38	77.84 -7.17 0.00
ELBRIDGE_115KV_TB2 80188	61.89 -0.40 0.00	90.17 -0.76 -0.20	96.83 -0.85 0.00	80.81 -0.58 0.00	77.41 -0.47 -0.16	57.86 -0.31 -3.50	51.37 -0.19 -6.11	125.75 -0.34 -0.69	71.92 -0.23 -3.06	48.88 -0.06 -4.17	40.33 -0.12 -4.98	40.83 -0.19 -2.96	34.57 -0.13 -4.10	68.53 -0.37 -1.09	71.82 -0.38 -0.94	77.24 -0.37 -1.28	76.07 -0.09 -2.50	47.46 0.01 -7.04	54.00 0.00 -5.35	48.56 0.01 -5.01	95.25 -0.23 -2.41	107.08 -0.81 -0.67	67.22 -0.41 -0.21	84.64 -0.36 0.00
ELEC_TRO_TEK 24086	113.50 6.82 -44.40	187.11 9.79 -86.59	117.59 10.72 -9.19	90.21 8.82 0.00	87.63 8.68 -1.22	95.21 6.33 -34.21	137.27 5.20 -86.61	166.43 13.70 -27.33	173.77 7.45 -97.22	169.38 4.83 -119.77	161.22 4.05 -121.69	139.57 4.34 -97.17	117.68 3.39 -83.69	120.58 7.63 -45.13	115.79 7.81 -36.72	175.16 8.54 -90.29	191.94 8.12 -110.16	268.11 4.17 -223.53	223.71 5.25 -169.80	207.49 4.74 -159.21	179.81 10.13 -76.62	140.30 11.82 -21.25	80.32 7.71 -5.20	101.41 9.69 -6.72

ELLENBURG_WT_PWR 323604	59.74 -2.55 0.00	87.14 -3.59 0.00	93.78 -3.90 0.00	77.88 -3.51 0.00	74.20 -3.53 0.00	51.90 -2.77 0.00	-6.42 -2.25 49.62	8.10 -5.61 111.69	53.30 -3.18 12.61	42.59 -2.18 0.00	33.69 -1.79 0.00	36.21 -1.85 0.00	29.00 -1.60 0.00	20.11 -3.30 44.41	68.05 -3.21 0.00	73.24 -3.08 0.00	70.48 -3.18 0.00	22.27 -2.06 16.09	46.21 -2.44 0.00	41.43 -2.11 0.00	77.91 -4.04 11.12	103.56 -3.66 0.00	65.15 -2.26 0.00	82.16 -2.85 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	57.90 -4.39 0.00	83.71 -7.29 -0.28	89.17 -8.51 0.00	74.52 -6.87 0.00	71.75 -6.19 -0.21	54.97 -4.45 -4.75	49.59 -4.18 -8.31	115.96 -10.39 -0.95	67.08 -6.23 -4.22	43.76 -3.97 -2.96	33.94 -3.44 -1.92	34.05 -3.51 0.49	25.91 -2.78 1.91	53.37 -5.97 8.47	53.80 -6.46 11.01	63.32 -6.94 6.07	65.91 -5.98 1.77	36.16 -3.43 0.82	36.67 -3.90 8.08	29.94 -3.46 10.13	81.91 -7.75 3.41	97.82 -10.24 -0.83	61.80 -5.91 -0.29	78.69 -6.33 0.00
EMPIRE_CC_1 323656	65.10 2.73 -0.09	96.94 4.19 -2.02	101.97 4.29 0.00	84.92 3.53 0.00	82.84 3.55 -1.56	89.09 2.60 -31.82	98.80 2.07 -51.29	129.82 4.41 0.00	71.71 2.62 0.00	52.01 2.02 -5.21	53.80 1.79 -16.53	40.43 1.89 -0.49	57.50 1.56 -25.34	71.97 3.11 -1.04	75.51 3.16 -1.09	87.74 3.53 -7.88	78.30 3.13 -1.51	42.30 1.88 0.00	50.85 2.20 0.00	45.42 1.89 0.00	96.73 3.66 0.00	111.65 4.42 0.00	71.16 3.08 -0.66	88.87 3.86 0.00
EMPIRE_CC_2 323658	65.10 2.73 -0.09	96.94 4.19 -2.02	101.97 4.29 0.00	84.92 3.53 0.00	82.84 3.55 -1.56	89.09 2.60 -31.82	98.80 2.07 -51.29	129.82 4.41 0.00	71.71 2.62 0.00	52.01 2.02 -5.21	53.80 1.79 -16.53	40.43 1.89 -0.49	57.50 1.56 -25.34	71.97 3.11 -1.04	75.51 3.16 -1.09	87.74 3.53 -7.88	78.30 3.13 -1.51	42.30 1.88 0.00	50.85 2.20 0.00	45.42 1.89 0.00	96.73 3.66 0.00	111.65 4.42 0.00	71.16 3.08 -0.66	88.87 3.86 0.00
ENORWICH_115KV_TB1 80156	64.76 2.47 0.00	94.54 3.28 -0.52	101.25 3.57 0.00	84.63 3.24 0.00	81.29 3.16 -0.40	66.25 2.54 -9.04	63.96 2.65 -15.86	135.96 8.72 -1.85	81.59 4.27 -8.23	58.61 2.69 -11.14	50.55 1.89 -13.19	47.80 1.79 -7.96	42.87 1.50 -10.76	74.17 3.42 -2.93	77.63 3.85 -2.52	84.24 4.54 -3.37	85.53 5.14 -6.73	62.11 2.79 -18.91	66.31 3.29 -14.37	59.96 2.95 -13.47	105.58 6.03 -6.48	114.48 5.46 -1.80	70.89 2.91 -0.57	88.96 3.95 0.00
ERIE_ST__34_KV_TB1-2 80199	59.46 -2.83 0.00	85.96 -5.05 -0.29	91.69 -5.99 0.00	76.65 -4.74 0.00	73.68 -4.27 -0.22	56.48 -3.14 -4.95	51.05 -3.06 -8.65	119.30 -7.09 -0.99	69.11 -4.38 -4.40	45.72 -2.72 -3.67	36.07 -2.43 -3.03	36.10 -2.40 -0.45	28.30 -1.88 0.41	57.07 -4.01 6.74	58.00 -4.37 8.89	66.85 -4.79 4.69	69.03 -3.88 0.75	39.45 -2.32 -1.36	40.84 -2.64 5.17	34.27 -2.30 6.97	85.78 -5.15 2.14	100.84 -7.27 -0.89	63.64 -4.08 -0.31	80.85 -4.16 0.00
ERIE_WT_PWR 323693	58.41 -3.88 0.00	84.43 -6.58 -0.28	89.92 -7.77 0.00	75.16 -6.23 0.00	72.32 -5.62 -0.22	55.49 -4.05 -4.87	50.16 -3.82 -8.52	117.05 -9.32 -0.97	67.97 -5.46 -4.33	44.41 -3.61 -3.24	34.76 -3.05 -2.34	34.78 -3.12 0.16	26.77 -2.44 1.39	54.61 -5.27 7.94	55.22 -5.68 10.36	64.38 -6.31 5.64	67.15 -5.08 1.42	37.40 -2.97 0.05	38.23 -3.30 7.12	31.60 -2.84 9.09	83.17 -6.91 2.98	98.75 -9.33 -0.86	62.38 -5.34 -0.30	79.32 -5.69 0.00
ESPRGFLD_115KV_TB1 80157	64.71 2.42 0.00	94.04 3.31 0.00	101.32 3.64 0.00	84.46 3.07 0.00	80.82 3.09 0.00	56.93 2.26 0.00	47.42 1.97 0.00	131.72 6.32 0.00	72.41 3.32 0.00	46.74 1.97 0.00	36.92 1.45 0.00	39.64 1.48 -0.11	32.11 1.15 -0.37	70.66 2.61 -0.23	74.27 2.76 -0.24	79.96 3.28 -0.35	77.56 3.57 -0.34	42.40 1.98 0.00	51.02 2.37 0.00	45.69 2.15 0.00	97.77 4.70 0.00	112.24 5.02 0.00	70.20 2.79 0.00	88.57 3.56 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	63.34 1.05 0.00	92.37 1.26 -0.38	99.04 1.36 0.00	82.72 1.33 0.00	79.29 1.27 -0.29	62.23 0.98 -6.58	57.93 0.95 -11.53	129.85 3.12 -1.33	76.61 1.60 -5.91	53.90 1.10 -8.02	45.70 0.70 -9.53	44.39 0.62 -5.72	38.95 0.56 -7.79	71.12 1.20 -2.10	74.45 1.38 -1.80	80.31 1.55 -2.43	80.36 1.88 -4.83	55.11 1.10 -13.60	60.28 1.30 -10.33	54.41 1.19 -9.68	100.07 2.34 -4.66	110.44 1.92 -1.29	69.00 1.18 -0.41	86.68 1.67 0.00
ETNA____115KV_TB2 80207	63.34 1.05 0.00	92.37 1.26 -0.38	99.04 1.36 0.00	82.72 1.33 0.00	79.29 1.27 -0.29	62.23 0.98 -6.58	57.93 0.95 -11.53	129.85 3.12 -1.33	76.61 1.60 -5.91	53.90 1.10 -8.02	45.70 0.70 -9.53	44.39 0.62 -5.72	38.95 0.56 -7.79	71.12 1.20 -2.10	74.45 1.38 -1.80	80.31 1.55 -2.43	80.36 1.88 -4.83	55.11 1.10 -13.60	60.28 1.30 -10.33	54.41 1.19 -9.68	100.07 2.34 -4.66	110.44 1.92 -1.29	69.00 1.18 -0.41	86.68 1.67 0.00
EUCLID____115KV_TB2 356179	60.96 -1.32 0.00	88.84 -2.04 -0.15	95.44 -2.24 0.00	79.59 -1.81 0.00	76.22 -1.62 -0.11	55.99 -1.04 -2.36	48.43 -0.83 -3.81	123.25 -2.15 0.00	67.90 -1.20 0.00	44.45 -0.71 -0.39	36.13 -0.57 -1.23	37.40 -0.66 0.00	31.84 -0.51 -1.76	66.59 -1.23 0.00	69.96 -1.31 0.00	75.42 -1.37 -0.47	72.51 -1.15 0.00	39.86 -0.56 0.00	47.93 -0.72 0.00	42.90 -0.64 0.00	91.48 -1.59 0.00	104.97 -2.26 0.00	66.08 -1.38 -0.05	83.37 -1.64 0.00
E_CANADA_CAP_HY 24051	65.00 2.71 0.00	96.98 3.84 -2.42	101.87 4.19 0.00	84.83 3.44 0.00	83.10 3.50 -1.86	95.02 2.49 -37.85	108.07 2.03 -60.60	131.16 6.36 0.60	69.76 3.32 2.67	49.63 1.78 -3.07	53.59 1.20 -16.92	36.78 1.12 2.40	58.99 0.91 -27.49	69.31 2.06 0.56	73.05 2.20 0.42	86.92 3.03 -7.56	75.55 3.52 1.62	36.29 2.00 6.13	46.39 2.39 4.65	41.32 2.15 4.37	95.74 4.77 2.10	112.27 5.63 0.58	71.26 3.18 -0.67	89.00 3.99 0.00
E_CANADA_MHWK_HY 24050	64.34 2.06 0.00	93.81 3.08 0.00	100.94 3.26 0.00	84.18 2.79 0.00	80.54 2.82 0.00	56.99 2.32 0.00	47.42 1.97 0.00	129.84 4.44 0.00	71.52 2.42 0.00	46.37 1.59 0.00	36.54 1.06 0.00	38.97 0.91 0.00	31.48 0.88 0.00	69.40 1.59 0.00	73.01 1.74 0.00	78.88 2.55 0.00	76.52 2.86 0.00	43.76 1.78 -1.56	50.85 2.20 0.00	45.44 1.90 0.00	96.74 3.67 0.00	111.36 4.13 0.00	70.17 2.76 0.00	88.11 3.10 0.00
E_FISHKILL____LBMP 23776	67.46 4.98 -0.19	99.64 7.29 -1.61	105.48 7.80 0.00	88.03 6.64 0.00	85.47 6.50 -1.25	94.30 4.67 -34.96	121.31 3.88 -71.98	158.09 10.17 -22.52	175.02 5.72 -100.21	171.99 3.82 -123.40	160.22 3.06 -121.69	141.79 3.27 -100.47	120.33 2.63 -87.10	116.79 5.75 -43.22	115.77 5.97 -38.54	120.43 6.43 -37.66	172.79 6.15 -92.99	274.25 3.43 -230.41	227.84 4.16 -175.02	211.34 3.70 -164.11	179.77 7.73 -78.97	137.96 8.84 -21.90	78.47 5.71 -5.35	92.11 7.10 0.00
FALCON____SEABRD_CC1 323796	60.70 -1.59 0.00	88.67 -2.06 0.00	95.32 -2.36 0.00	79.16 -2.23 0.00	75.32 -2.40 0.00	52.49 -2.18 0.00	-9.28 -1.79 52.95	1.85 -4.36 119.19	53.20 -2.44 13.46	43.10 -1.67 0.00	34.07 -1.40 0.00	36.57 -1.48 0.00	29.33 -1.26 0.00	17.77 -2.66 47.39	68.76 -2.51 0.00	74.06 -2.27 0.00	71.24 -2.42 0.00	22.69 -1.64 16.08	46.70 -1.95 0.00	41.88 -1.66 0.00	77.93 -3.27 11.87	104.38 -2.85 0.00	65.72 -1.69 0.00	83.13 -1.88 0.00

FALCON___SEABRD_CC2 323797	60.70 -1.59 0.00	88.67 -2.06 0.00	95.32 -2.36 0.00	79.16 -2.23 0.00	75.32 -2.40 0.00	52.49 -2.18 0.00	-9.28 -1.79 52.95	1.85 -4.36 119.19	53.20 -2.44 13.46	43.10 -1.67 0.00	34.07 -1.40 0.00	36.57 -1.48 0.00	29.33 -1.26 0.00	17.77 -2.66 47.39	68.76 -2.51 0.00	74.06 -2.27 0.00	71.24 -2.42 0.00	22.69 -1.64 16.08	46.70 -1.95 0.00	41.88 -1.66 0.00	77.93 -3.27 11.87	104.38 -2.85 0.00	65.72 -1.69 0.00	83.13 -1.88 0.00
FAR ROCKAWAY___4 23548	114.53 7.84 -44.40	191.54 11.21 -89.60	119.81 12.19 -9.94	91.36 9.97 0.00	88.77 9.82 -1.22	96.06 7.18 -34.21	138.00 5.93 -86.61	168.58 15.84 -27.33	174.89 8.58 -97.22	170.09 5.55 -119.77	161.80 4.64 -121.69	140.20 4.97 -97.17	118.18 3.89 -83.69	121.67 8.72 -45.13	116.95 8.97 -36.72	176.42 9.81 -90.29	193.24 9.42 -110.16	268.86 4.91 -223.53	224.52 6.07 -169.80	208.30 5.55 -159.21	181.54 11.85 -76.62	142.18 13.70 -21.25	81.44 8.83 -5.20	102.81 11.08 -6.72
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	68.90 6.05 -0.56	101.10 8.78 -1.58	106.87 9.19 0.00	89.17 7.78 0.00	86.54 7.60 -1.22	94.34 5.47 -34.20	120.27 4.53 -70.29	159.37 12.13 -21.84	173.15 6.87 -97.18	169.09 4.59 -119.72	157.26 3.61 -118.17	139.11 3.93 -97.13	117.42 3.17 -83.65	116.05 6.97 -41.26	115.17 7.21 -36.69	119.60 7.69 -35.58	170.22 7.34 -89.23	267.90 4.03 -223.45	223.29 4.90 -169.74	207.05 4.36 -159.15	178.92 9.26 -76.59	138.99 10.52 -21.24	79.32 6.71 -5.20	93.48 8.47 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	68.95 6.10 -0.56	101.18 8.87 -1.58	106.93 9.25 0.00	89.21 7.82 0.00	86.59 7.64 -1.22	94.37 5.50 -34.20	120.31 4.57 -70.29	159.48 12.23 -21.84	173.20 6.93 -97.18	169.11 4.62 -119.72	157.28 3.64 -118.17	139.14 3.95 -97.13	117.44 3.19 -83.65	116.08 7.00 -41.26	115.21 7.25 -36.69	119.64 7.73 -35.58	170.29 7.40 -89.23	267.93 4.07 -223.45	223.33 4.93 -169.74	207.08 4.39 -159.15	178.99 9.33 -76.59	139.10 10.63 -21.24	79.38 6.77 -5.20	93.55 8.54 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	68.88 6.03 -0.56	101.04 8.73 -1.58	106.80 9.12 0.00	89.11 7.72 0.00	86.50 7.55 -1.22	94.30 5.43 -34.20	120.25 4.51 -70.29	159.34 12.10 -21.84	173.12 6.84 -97.18	169.05 4.55 -119.72	157.24 3.60 -118.17	139.10 3.91 -97.13	117.41 3.16 -83.65	116.00 6.93 -41.26	115.13 7.17 -36.69	119.56 7.65 -35.58	170.20 7.32 -89.23	267.89 4.02 -223.45	223.26 4.87 -169.74	207.02 4.33 -159.15	178.83 9.17 -76.59	138.95 10.48 -21.24	79.28 6.67 -5.20	93.44 8.43 0.00
FARRAGUT___LBMP 323566	68.82 5.97 -0.56	100.99 8.68 -1.58	106.73 9.04 0.00	89.04 7.65 0.00	86.44 7.49 -1.22	94.25 5.38 -34.20	120.20 4.46 -70.29	159.20 11.95 -21.84	173.02 6.75 -97.18	169.00 4.51 -119.72	157.20 3.56 -118.17	139.06 3.87 -97.13	117.37 3.13 -83.65	115.93 6.85 -41.26	115.05 7.09 -36.69	119.47 7.56 -35.58	170.10 7.22 -89.23	267.84 3.97 -223.45	223.21 4.81 -169.74	206.97 4.28 -159.15	178.74 9.08 -76.59	138.84 10.38 -21.24	79.22 6.61 -5.20	93.35 8.34 0.00
FENNER___WINDPWR 24204	63.15 0.86 0.00	92.19 1.25 -0.21	99.06 1.38 0.00	82.64 1.25 0.00	79.19 1.30 -0.16	59.34 1.07 -3.59	52.78 1.05 -6.28	129.40 3.29 -0.71	74.01 1.77 -3.14	50.29 1.24 -4.28	41.50 0.91 -5.11	41.98 0.89 -3.04	35.53 0.72 -4.21	70.53 1.59 -1.12	73.89 1.67 -0.96	79.57 1.92 -1.31	78.33 2.11 -2.57	49.47 1.04 -8.01	55.40 1.26 -5.49	49.82 1.13 -5.15	97.80 2.25 -2.48	110.09 2.18 -0.69	69.00 1.37 -0.22	86.73 1.72 0.00
FIBERTEK___ENERGY 23856	61.92 -0.36 0.00	90.28 -0.63 -0.19	96.99 -0.69 0.00	80.92 -0.47 0.00	77.50 -0.37 -0.14	57.72 -0.18 -3.22	51.01 -0.07 -5.63	126.05 0.02 -0.63	71.88 -0.02 -2.81	48.65 0.05 -3.82	40.05 0.01 -4.57	40.78 -0.05 -2.77	34.55 -0.01 -3.96	68.81 -0.13 -1.12	72.11 -0.14 -0.98	77.57 -0.12 -1.36	76.27 0.14 -2.47	47.02 0.15 -6.45	53.70 0.14 -4.90	48.27 0.14 -4.59	95.32 0.04 -2.21	107.36 -0.48 -0.61	67.34 -0.27 -0.20	84.79 -0.22 0.00
FITZPATRICK____ 23598	59.83 -2.46 0.00	87.19 -3.63 -0.09	93.75 -3.93 0.00	78.18 -3.21 0.00	74.78 -3.01 -0.07	54.06 -2.04 -1.42	46.07 -1.67 -2.29	120.84 -4.56 0.00	66.60 -2.50 0.00	43.41 -1.60 -0.23	34.99 -1.22 -0.74	36.71 -1.35 0.00	30.56 -1.09 -1.06	65.30 -2.52 0.00	68.58 -2.68 0.00	73.78 -2.83 -0.28	71.08 -2.58 0.00	39.06 -1.36 0.00	46.99 -1.67 0.00	42.06 -1.48 0.00	89.67 -3.40 0.00	103.05 -4.18 0.00	64.86 -2.58 -0.03	81.80 -3.21 0.00
FLOWRFLD_69_KV_BK1 356044	114.63 7.94 -44.40	195.61 10.55 -94.33	121.59 12.50 -11.41	91.51 10.12 0.00	88.93 9.98 -1.22	96.17 7.29 -34.21	137.92 5.86 -86.61	167.93 15.19 -27.33	174.23 7.92 -97.22	169.54 5.00 -119.77	161.39 4.22 -121.69	139.99 4.77 -97.17	117.94 3.66 -83.69	121.39 8.45 -45.13	116.36 8.39 -36.71	176.16 9.55 -90.28	192.91 9.10 -110.16	268.24 4.29 -223.53	224.10 5.64 -169.80	207.92 5.17 -159.21	180.64 10.95 -76.62	141.26 12.78 -21.25	81.32 8.71 -5.20	103.04 11.32 -6.72
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	68.41 6.11 -0.02	101.23 8.92 -1.59	107.20 9.52 0.00	89.45 8.06 0.00	86.82 7.87 -1.22	94.30 5.69 -33.93	119.63 4.81 -69.37	159.37 12.84 -21.14	170.26 7.13 -94.04	165.44 4.67 -115.99	153.97 3.70 -114.80	135.19 3.92 -93.22	112.60 3.13 -78.88	112.84 6.80 -38.22	112.16 7.17 -33.72	116.21 7.89 -31.99	165.24 7.72 -83.86	261.00 4.35 -216.23	218.17 5.26 -164.26	202.23 4.68 -154.01	176.93 9.74 -74.12	138.82 11.04 -20.55	79.44 6.98 -5.05	93.63 8.62 0.00
FORT ORANGE____ 23900	65.06 2.78 0.00	96.86 4.07 -2.06	102.00 4.32 0.00	84.92 3.54 0.00	82.47 3.16 -1.59	88.86 2.30 -31.89	97.89 1.94 -50.50	128.71 4.60 1.29	66.11 2.74 5.73	45.17 1.89 1.50	47.58 1.44 -10.66	34.22 1.44 5.28	53.60 1.22 -21.78	68.71 2.40 1.51	72.29 2.22 1.20	84.81 2.46 -6.02	72.16 2.41 3.91	28.74 1.49 13.17	40.45 1.80 10.00	35.68 1.52 9.38	91.51 2.95 4.51	109.70 3.72 1.25	70.61 2.79 -0.40	88.60 3.59 0.00
FORT_DRUM_COGEN 23780	60.72 -1.57 0.00	88.52 -2.30 -0.08	95.97 -1.71 0.00	80.03 -1.36 0.00	76.66 -1.13 -0.06	55.54 -0.45 -1.32	47.64 0.06 -2.13	127.07 1.67 0.00	70.01 0.91 0.00	44.99 0.00 -0.22	35.93 -0.23 -0.69	37.40 -0.65 0.00	30.88 -0.70 -0.98	65.97 -1.85 0.00	68.85 -2.41 0.00	74.24 -2.35 -0.26	72.88 -0.77 0.00	30.64 -0.22 9.55	48.45 -0.20 0.00	43.36 -0.18 0.00	93.39 0.32 0.00	107.92 0.69 0.00	67.72 0.28 -0.03	84.74 -0.27 0.00
FOX_HILLS___ESR 323835	87.42 6.45 -18.69	153.06 9.61 -52.71	150.42 10.07 -42.66	150.16 8.51 -60.26	150.15 8.27 -64.16	151.81 5.91 -91.23	155.81 4.89 -105.47	161.18 12.63 -23.16	156.13 6.88 -80.15	158.00 4.52 -108.70	118.45 3.63 -79.35	119.62 3.93 -77.64	104.77 3.20 -70.98	104.68 7.14 -29.73	95.83 7.48 -17.08	113.39 7.79 -29.27	162.87 7.47 -81.75	261.48 4.14 -216.92	216.56 5.00 -162.91	192.43 4.57 -144.33	163.56 9.75 -60.74	143.07 11.26 -24.58	112.86 7.17 -38.28	97.93 8.92 -4.00
FPL FAR_ROCK_GT1 24212	114.53 7.84 -44.40	191.54 11.21 -89.60	119.81 12.18 -9.94	91.36 9.97 0.00	88.77 9.82 -1.22	96.06 7.18 -34.21	138.00 5.93 -86.61	168.53 15.80 -27.33	174.85 8.54 -97.22	170.10 5.56 -119.77	161.77 4.61 -121.69	140.16 4.93 -97.17	118.15 3.86 -83.69	121.60 8.65 -45.13	116.92 8.94 -36.72	176.40 9.79 -90.29	193.16 9.34 -110.16	268.77 4.82 -223.53	224.46 6.00 -169.81	208.22 5.47 -159.21	181.52 11.83 -76.62	142.19 13.71 -21.25	81.44 8.82 -5.20	102.81 11.08 -6.72

FPL FAR_ROCK_GT2 23815	114.53 7.84 -44.40	191.54 11.21 -89.60	119.81 12.18 -9.94	91.36 9.97 0.00	88.77 9.82 -1.22	96.06 7.18 -34.21	138.00 5.93 -86.61	168.53 15.80 -27.33	174.85 8.54 -97.22	170.10 5.56 -119.77	161.77 4.61 -121.69	140.16 4.93 -97.17	118.15 3.86 -83.69	121.60 8.65 -45.13	116.92 8.94 -36.72	176.40 9.79 -90.29	193.16 9.34 -110.16	268.77 4.82 -223.53	224.46 6.00 -169.81	208.22 5.47 -159.21	181.52 11.83 -76.62	142.19 13.71 -21.25	81.44 8.82 -5.20	102.81 11.08 -6.72
FRANKLIN_FALL_HYD 24054	60.96 -1.33 0.00	88.80 -1.93 0.00	95.54 -2.15 0.00	79.36 -2.03 0.00	75.74 -1.99 0.00	53.11 -1.56 0.00	47.70 -1.15 -3.40	130.81 -2.24 -7.65	68.65 -1.31 -0.86	43.72 -1.06 0.00	34.54 -0.93 0.00	37.14 -0.91 0.00	29.74 -0.86 0.00	69.20 -1.65 -3.04	69.70 -1.56 0.00	74.85 -1.48 0.00	72.32 -1.33 0.00	23.52 -1.04 15.85	47.39 -1.26 0.00	42.47 -1.07 0.00	92.20 -1.63 -0.76	106.44 -0.79 0.00	66.72 -0.69 0.00	84.04 -0.97 0.00
FREEPORT_EQUS_GT1 23764	114.10 7.41 -44.40	189.13 10.51 -87.88	118.81 11.57 -9.56	90.87 9.48 0.00	88.28 9.33 -1.22	95.69 6.81 -34.21	137.67 5.61 -86.61	167.62 14.88 -27.33	174.28 7.97 -97.22	169.69 5.15 -119.77	161.45 4.28 -121.69	139.82 4.60 -97.17	117.87 3.58 -83.69	121.03 8.09 -45.13	116.27 8.28 -36.71	175.76 9.14 -90.29	192.46 8.65 -110.16	268.09 4.14 -223.53	223.77 5.31 -169.81	207.55 4.80 -159.21	180.36 10.67 -76.62	141.26 12.79 -21.25	80.97 8.36 -5.20	102.22 10.49 -6.72
FREEPORT___CT2 23818	114.10 7.41 -44.40	189.13 10.51 -87.88	118.81 11.57 -9.56	90.87 9.48 0.00	88.28 9.33 -1.22	95.69 6.81 -34.21	137.67 5.61 -86.61	167.62 14.88 -27.33	174.28 7.97 -97.22	169.69 5.15 -119.77	161.45 4.28 -121.69	139.82 4.60 -97.17	117.87 3.58 -83.69	121.03 8.09 -45.13	116.27 8.28 -36.71	175.76 9.14 -90.29	192.46 8.65 -110.16	268.09 4.14 -223.53	223.77 5.31 -169.81	207.55 4.80 -159.21	180.36 10.67 -76.62	141.26 12.79 -21.25	80.97 8.36 -5.20	102.22 10.49 -6.72
FRESHKLS_33_KV_LOAD 356253	87.43 6.45 -18.69	153.19 9.75 -52.71	150.60 10.26 -42.66	150.32 8.67 -60.26	150.31 8.42 -64.16	151.89 5.99 -91.23	155.83 4.90 -105.47	161.19 12.54 -23.25	157.58 6.74 -81.74	159.13 4.39 -109.97	122.28 3.53 -83.28	120.73 3.77 -78.90	106.05 3.07 -72.38	105.86 6.92 -31.13	98.82 7.30 -20.25	114.77 7.53 -30.91	163.92 7.26 -83.01	262.11 4.05 -217.64	217.24 4.92 -163.67	194.62 4.55 -146.53	166.05 9.74 -63.25	146.81 11.25 -28.34	113.71 7.12 -39.18	97.83 8.82 -4.00
FULTON COGEN____ 23766	60.53 -1.76 0.00	88.37 -2.49 -0.13	94.94 -2.75 0.00	79.16 -2.23 0.00	75.77 -2.05 -0.10	55.38 -1.33 -2.04	47.69 -1.05 -3.29	122.65 -2.75 0.00	67.59 -1.51 0.00	44.18 -0.93 -0.33	35.83 -0.71 -1.06	37.26 -0.80 0.00	31.49 -0.62 -1.52	66.34 -1.47 0.00	69.66 -1.60 0.00	75.05 -1.68 -0.40	72.22 -1.44 0.00	39.20 -0.74 0.48	47.66 -1.00 0.00	42.65 -0.89 0.00	90.91 -2.16 0.00	104.38 -2.84 0.00	65.64 -1.82 -0.04	82.80 -2.21 0.00
FULTON___LFGE 323630	66.10 3.81 0.00	98.49 5.46 -2.31	103.55 5.87 0.00	86.26 4.87 0.00	84.36 4.85 -1.78	94.16 3.53 -35.95	105.83 3.10 -57.29	133.41 8.97 0.96	69.48 4.65 4.27	48.21 2.56 -0.87	51.49 1.74 -14.27	35.70 1.58 3.93	57.31 1.36 -25.35	69.66 2.94 1.10	73.53 3.13 0.87	87.53 4.27 -6.94	75.77 4.99 2.88	33.56 2.97 9.83	44.78 3.59 7.46	39.72 3.19 7.00	96.43 6.73 3.37	113.77 7.48 0.93	72.39 4.43 -0.55	90.47 5.47 0.00
G.F.CEMENT___DRP 24184	65.76 3.47 0.00	98.15 5.28 -2.14	103.35 5.67 0.00	86.25 4.86 0.00	84.44 5.06 -1.65	91.78 3.81 -33.29	101.76 3.33 -52.99	132.80 8.39 0.98	69.46 4.72 4.36	48.23 3.12 -0.33	50.66 2.39 -12.80	36.52 2.39 3.93	56.23 2.00 -23.63	71.10 4.21 0.94	75.37 4.80 0.69	88.78 5.76 -6.69	76.56 5.58 2.67	33.47 3.08 10.03	44.83 3.79 7.62	39.66 3.26 7.15	95.92 6.29 3.44	113.30 7.03 0.95	72.37 4.46 -0.49	90.17 5.16 0.00
GARDENVILLE___LBMP 24039	58.19 -4.10 0.00	84.14 -6.87 -0.28	89.63 -8.05 0.00	74.91 -6.49 0.00	72.06 -5.88 -0.22	55.27 -4.24 -4.84	49.93 -3.99 -8.47	116.50 -9.87 -0.97	67.47 -5.93 -4.30	43.78 -3.77 -2.77	33.70 -3.29 -1.52	33.80 -3.35 0.90	25.35 -2.64 2.61	52.58 -5.72 9.52	52.76 -6.20 12.31	62.76 -6.69 6.88	65.68 -5.71 2.27	35.41 -3.24 1.76	35.37 -3.68 9.60	28.44 -3.26 11.83	81.68 -7.32 4.07	98.31 -9.76 -0.84	62.11 -5.61 -0.30	79.05 -5.96 0.00
GARDNVLA_35_KV_LD 355827	58.49 -3.79 0.00	84.53 -6.49 -0.28	90.04 -7.64 0.00	75.24 -6.15 0.00	72.41 -5.54 -0.22	55.59 -3.96 -4.88	50.26 -3.73 -8.54	117.26 -9.12 -0.97	67.91 -5.52 -4.34	44.67 -3.52 -3.42	35.01 -3.10 -2.64	35.04 -3.14 -0.12	27.19 -2.47 0.94	55.11 -5.36 7.35	55.84 -5.79 9.64	64.95 -6.20 5.17	67.32 -5.24 1.11	38.00 -3.01 -0.59	39.05 -3.41 6.19	32.43 -3.03 8.07	83.66 -6.82 2.58	98.93 -9.17 -0.87	62.44 -5.27 -0.30	79.41 -5.60 0.00
GELCKHM___115KV_LOAD 80723	61.34 -0.95 0.00	89.38 -1.51 -0.16	96.00 -1.68 0.00	80.08 -1.31 0.00	76.71 -1.15 -0.13	56.75 -0.73 -2.81	49.81 -0.54 -4.90	124.62 -1.33 -0.54	70.76 -0.75 -2.42	47.65 -0.43 -3.30	39.07 -0.36 -3.96	40.02 -0.43 -2.39	33.70 -0.33 -3.44	67.96 -0.82 -0.97	71.24 -0.87 -0.85	76.60 -0.91 -1.18	75.12 -0.67 -2.13	45.68 -0.30 -5.57	52.49 -0.39 -4.23	47.16 -0.35 -3.97	94.00 -0.98 -1.91	106.17 -1.58 -0.53	66.61 -0.97 -0.17	83.89 -1.12 0.00
GENERAL___MILLS 23808	58.41 -3.88 0.00	84.41 -6.60 -0.28	89.94 -7.74 0.00	75.16 -6.23 0.00	72.32 -5.63 -0.22	55.50 -4.04 -4.87	50.16 -3.82 -8.52	117.02 -9.36 -0.97	67.77 -5.66 -4.33	44.41 -3.61 -3.24	34.65 -3.16 -2.34	34.70 -3.20 0.16	26.69 -2.52 1.39	54.43 -5.45 7.94	54.99 -5.91 10.36	64.35 -6.34 5.64	66.85 -5.38 1.42	37.28 -3.09 0.05	38.03 -3.51 7.12	31.33 -3.11 9.09	83.10 -6.98 2.98	98.71 -9.37 -0.86	62.33 -5.38 -0.30	79.30 -5.71 0.00
GE_PLASTICS___DRP 24183	64.83 2.55 0.00	96.53 3.74 -2.06	101.69 4.01 0.00	84.71 3.32 0.00	82.36 3.04 -1.59	88.47 2.20 -31.59	96.82 1.83 -49.54	127.78 4.37 1.99	62.80 2.56 8.86	41.34 1.79 5.23	44.19 1.45 -7.27	31.18 1.49 8.37	51.69 1.24 -19.85	67.63 2.55 2.74	71.47 2.48 2.27	84.23 2.71 -5.19	69.54 2.53 6.64	21.53 1.48 20.36	34.98 1.80 15.47	30.58 1.54 14.50	89.15 3.06 6.98	108.96 3.67 1.94	70.34 2.68 -0.25	88.40 3.39 0.00
GILBOA___1 23756	64.71 2.42 0.00	95.76 3.40 -1.62	101.45 3.77 0.00	84.58 3.19 0.00	82.05 3.07 -1.25	82.49 2.23 -25.59	88.60 1.89 -41.25	130.00 4.60 0.00	71.72 2.63 0.00	50.83 1.86 -4.19	50.27 1.50 -13.30	39.86 1.57 -0.23	51.72 1.29 -19.84	71.06 2.75 -0.49	74.64 2.86 -0.51	85.23 3.09 -5.81	77.15 2.79 -0.72	42.01 1.59 0.00	50.60 1.95 0.00	45.27 1.73 0.00	96.71 3.64 0.00	111.20 3.97 0.00	70.72 2.77 -0.53	88.52 3.51 0.00
GILBOA___2 23757	64.71 2.42 0.00	95.76 3.40 -1.62	101.45 3.77 0.00	84.58 3.19 0.00	82.05 3.07 -1.25	82.49 2.23 -25.59	88.60 1.89 -41.25	130.00 4.60 0.00	71.72 2.63 0.00	50.83 1.86 -4.19	50.27 1.50 -13.30	39.86 1.57 -0.23	51.72 1.29 -19.84	71.06 2.75 -0.49	74.64 2.86 -0.51	85.23 3.09 -5.81	77.15 2.79 -0.72	42.01 1.59 0.00	50.60 1.95 0.00	45.27 1.73 0.00	96.71 3.64 0.00	111.20 3.97 0.00	70.72 2.77 -0.53	88.52 3.51 0.00

GILBOA___3 23758	64.71 2.42 0.00	95.76 3.40 -1.62	101.45 3.77 0.00	84.58 3.19 0.00	82.05 3.07 -1.25	82.49 2.23 -25.59	88.60 1.89 -41.25	130.00 4.60 0.00	71.72 2.63 0.00	50.83 1.86 -4.19	50.27 1.50 -13.30	39.86 1.57 -0.23	51.72 1.29 -19.84	71.06 2.75 -0.49	74.64 2.86 -0.51	85.23 3.09 -5.81	77.15 2.79 -0.72	42.01 1.59 0.00	50.60 1.95 0.00	45.27 1.73 0.00	96.71 3.64 0.00	111.20 3.97 0.00	70.72 2.77 -0.53	88.52 3.51 0.00
GILBOA___4 23759	64.71 2.42 0.00	95.76 3.40 -1.62	101.45 3.77 0.00	84.58 3.19 0.00	82.05 3.07 -1.25	82.49 2.23 -25.59	88.60 1.89 -41.25	130.00 4.60 0.00	71.72 2.63 0.00	50.83 1.86 -4.19	50.27 1.50 -13.30	39.86 1.57 -0.23	51.72 1.29 -19.84	71.06 2.75 -0.49	74.64 2.86 -0.51	85.23 3.09 -5.81	77.15 2.79 -0.72	42.01 1.59 0.00	50.60 1.95 0.00	45.27 1.73 0.00	96.71 3.64 0.00	111.20 3.97 0.00	70.72 2.77 -0.53	88.52 3.51 0.00
GILBOA___ 23599	64.71 2.42 0.00	95.75 3.39 -1.62	101.46 3.77 0.00	84.58 3.19 0.00	82.05 3.07 -1.25	82.49 2.23 -25.59	88.59 1.89 -41.25	130.00 4.60 0.00	71.75 2.65 0.00	50.83 1.86 -4.19	50.29 1.51 -13.30	39.88 1.60 -0.23	51.73 1.30 -19.84	71.08 2.77 -0.49	74.65 2.87 -0.51	85.23 3.10 -5.81	77.18 2.81 -0.72	42.01 1.59 0.00	50.63 1.99 0.00	45.29 1.75 0.00	96.72 3.65 0.00	111.21 3.99 0.00	70.72 2.77 -0.53	88.52 3.51 0.00
GINNA___ 23603	57.53 -4.75 0.00	83.62 -7.32 -0.20	89.47 -8.21 0.00	74.68 -6.71 0.00	71.80 -6.08 -0.16	54.01 -4.17 -3.51	48.07 -3.51 -6.13	117.03 -9.06 -0.69	67.03 -5.14 -3.07	45.57 -3.38 -4.18	37.72 -2.75 -4.99	38.10 -2.93 -2.97	32.36 -2.36 -4.12	63.77 -5.15 -1.09	66.72 -5.48 -0.94	71.83 -5.78 -1.28	71.20 -4.96 -2.51	44.63 -2.84 -7.06	50.67 -3.34 -5.36	45.56 -3.00 -5.03	88.65 -6.84 -2.42	99.06 -8.84 -0.67	62.19 -5.44 -0.21	78.51 -6.51 0.00
GLEN PARK___ 23778	61.15 -1.14 0.00	89.16 -1.66 -0.09	96.63 -1.05 0.00	80.58 -0.81 0.00	77.23 -0.57 -0.07	55.98 -0.06 -1.37	48.08 0.43 -2.20	128.14 2.74 0.00	70.59 1.49 0.00	45.34 0.34 -0.22	36.21 0.03 -0.71	37.65 -0.40 0.00	31.09 -0.52 -1.02	66.28 -1.54 0.00	69.16 -2.11 0.00	74.64 -1.96 -0.27	73.44 -0.21 0.00	31.54 0.15 9.03	48.94 0.28 0.00	43.78 0.24 0.00	94.22 1.15 0.00	108.73 1.50 0.00	68.16 0.72 -0.03	85.27 0.26 0.00
GLENDALE_27_KV_LOAD 356172	69.39 6.54 -0.57	101.80 9.48 -1.59	107.59 9.90 0.00	89.73 8.34 0.00	87.09 8.14 -1.22	94.73 5.85 -34.20	120.67 4.92 -70.30	160.52 13.09 -22.03	176.92 7.35 -100.48	172.00 4.88 -122.35	165.66 3.88 -126.30	142.04 4.23 -99.75	120.56 3.41 -86.56	119.51 7.53 -44.17	122.27 7.76 -43.25	123.60 8.28 -38.98	173.43 7.92 -91.85	269.74 4.35 -224.97	225.24 5.26 -171.32	211.99 4.73 -163.72	184.82 9.98 -81.78	147.76 11.51 -29.02	81.77 7.31 -7.05	94.17 9.15 -0.01
GLENWOOD_IC_1_G5 23712	113.27 6.58 -44.40	174.58 9.50 -74.35	113.75 10.27 -5.80	89.96 8.57 0.00	87.35 8.40 -1.22	94.96 6.08 -34.21	137.12 5.05 -86.61	166.12 13.39 -27.33	173.62 7.31 -97.22	169.22 4.68 -119.77	161.03 3.87 -121.69	139.39 4.16 -97.17	117.67 3.39 -83.69	120.51 7.56 -45.13	115.75 7.77 -36.71	175.07 8.46 -90.29	191.91 8.10 -110.16	267.99 4.04 -223.53	223.44 4.98 -169.80	207.31 4.56 -159.21	179.64 9.95 -76.62	140.13 11.65 -21.25	80.06 7.45 -5.20	101.05 9.32 -6.72
GLENWOOD_IC_2_G1 23688	112.81 6.12 -44.40	151.56 8.83 -52.00	106.78 9.51 0.42	89.37 7.98 0.00	86.77 7.82 -1.22	94.53 5.64 -34.21	136.75 4.68 -86.61	165.10 12.37 -27.33	173.14 6.83 -97.22	169.07 4.53 -119.77	160.82 3.65 -121.69	139.15 3.92 -97.17	117.44 3.15 -83.69	119.89 6.94 -45.13	115.17 7.20 -36.71	174.45 7.83 -90.29	191.24 7.42 -110.16	267.91 3.96 -223.53	223.30 4.85 -169.81	207.09 4.34 -159.21	179.05 9.36 -76.62	139.30 10.83 -21.25	79.52 6.90 -5.20	100.39 8.66 -6.72
GLENWOOD_IC_3_G1 23689	112.81 6.12 -44.40	151.56 8.83 -52.00	106.78 9.51 0.42	89.37 7.98 0.00	86.77 7.82 -1.22	94.53 5.64 -34.21	136.75 4.68 -86.61	165.10 12.37 -27.33	173.14 6.83 -97.22	169.07 4.53 -119.77	160.82 3.65 -121.69	139.15 3.92 -97.17	117.44 3.15 -83.69	119.89 6.94 -45.13	115.17 7.20 -36.71	174.45 7.83 -90.29	191.24 7.42 -110.16	267.91 3.96 -223.53	223.30 4.85 -169.81	207.09 4.34 -159.21	179.05 9.36 -76.62	139.30 10.83 -21.25	79.52 6.90 -5.20	100.39 8.66 -6.72
GLENWOOD___4 23550	113.27 6.58 -44.40	174.58 9.50 -74.35	113.75 10.27 -5.80	89.96 8.57 0.00	87.35 8.40 -1.22	94.96 6.08 -34.21	137.12 5.05 -86.61	166.12 13.39 -27.33	173.64 7.33 -97.22	169.27 4.74 -119.77	161.08 3.91 -121.69	139.44 4.21 -97.17	117.67 3.39 -83.69	120.51 7.56 -45.13	115.75 7.77 -36.71	175.07 8.46 -90.29	191.92 8.11 -110.16	268.09 4.14 -223.53	223.56 5.11 -169.80	207.39 4.64 -159.21	179.69 10.00 -76.62	140.13 11.65 -21.25	80.06 7.45 -5.20	101.05 9.32 -6.72
GLENWOOD___5 23614	113.27 6.58 -44.40	174.58 9.50 -74.35	113.75 10.27 -5.80	89.96 8.57 0.00	87.35 8.40 -1.22	94.96 6.08 -34.21	137.12 5.05 -86.61	166.12 13.39 -27.33	173.64 7.33 -97.22	169.27 4.74 -119.77	161.08 3.91 -121.69	139.44 4.21 -97.17	117.67 3.39 -83.69	120.51 7.56 -45.13	115.75 7.77 -36.71	175.07 8.46 -90.29	191.92 8.11 -110.16	268.09 4.14 -223.53	223.56 5.11 -169.80	207.39 4.64 -159.21	179.69 10.00 -76.62	140.13 11.65 -21.25	80.06 7.45 -5.20	101.05 9.32 -6.72
GLOBAL GREEN_PORT_GT1 23814	113.08 6.39 -44.40	192.77 7.62 -94.42	121.17 12.05 -11.43	91.34 9.95 0.00	88.97 10.02 -1.22	96.32 7.44 -34.21	138.09 6.03 -86.61	168.34 15.61 -27.33	174.14 7.82 -97.22	169.46 4.92 -119.77	161.02 3.86 -121.69	139.44 4.21 -97.17	117.44 3.15 -83.69	120.76 7.82 -45.13	115.05 7.08 -36.71	175.20 8.59 -90.28	191.80 7.98 -110.16	266.72 2.77 -223.53	223.60 5.14 -169.81	207.65 4.90 -159.21	180.12 10.43 -76.62	140.48 12.00 -21.25	80.74 8.13 -5.20	102.50 10.78 -6.72
GLOBE___DSASP 323697	55.90 -6.39 0.00	80.77 -10.22 -0.26	85.96 -11.72 0.00	71.83 -9.56 0.00	69.33 -8.60 -0.20	53.02 -6.15 -4.49	47.59 -5.72 -7.86	111.65 -14.64 -0.89	64.35 -8.72 -3.98	42.63 -5.55 -3.41	33.73 -4.65 -2.90	33.78 -4.83 -0.55	26.64 -3.84 0.12	53.73 -8.32 5.77	54.67 -8.95 7.64	62.88 -9.47 3.98	64.66 -8.49 0.51	37.09 -4.89 -1.57	38.92 -5.55 4.18	32.86 -4.91 5.77	80.24 -11.11 1.72	93.97 -14.05 -0.81	59.51 -8.18 -0.28	76.30 -8.71 0.00
GOETHSLN___LBMP 323567	68.01 5.54 -0.18	99.88 8.02 -1.13	105.89 8.36 0.15	88.34 7.10 0.14	85.92 6.97 -1.22	93.90 5.03 -34.20	119.80 4.16 -70.19	158.03 11.07 -21.56	164.73 6.25 -89.38	165.43 4.20 -116.46	141.51 3.29 -102.74	130.21 3.59 -88.57	117.18 2.93 -83.65	115.49 6.41 -41.26	114.57 6.61 -36.69	118.17 7.06 -34.78	167.08 6.69 -86.73	265.57 3.67 -221.48	220.92 4.48 -167.79	206.15 3.98 -158.63	178.18 8.52 -76.59	138.23 9.77 -21.24	78.82 6.21 -5.20	92.87 7.86 0.00
GOLAH___69_KV_TB 1_2 80279	60.00 -2.29 0.00	87.02 -3.92 -0.21	92.99 -4.69 0.00	77.62 -3.77 0.00	74.70 -3.19 -0.16	56.19 -2.15 -3.67	49.91 -1.96 -6.42	121.66 -4.46 -0.72	69.53 -2.78 -3.22	47.37 -1.78 -4.38	39.08 -1.63 -5.23	39.45 -1.71 -3.11	33.49 -1.41 -4.31	65.91 -3.06 -1.14	68.92 -3.33 -0.98	74.31 -3.36 -1.34	73.77 -2.52 -2.63	46.41 -1.41 -7.40	52.73 -1.54 -5.62	47.40 -1.41 -5.27	92.26 -3.34 -2.54	102.92 -5.01 -0.70	64.69 -2.94 -0.22	81.89 -3.12 0.00

GOODYEAR_LAKE_HYD 323669	65.08 2.79 0.00	95.10 3.86 -0.52	101.89 4.21 0.00	85.01 3.62 0.00	81.67 3.55 -0.40	66.27 2.60 -9.00	63.57 2.28 -15.84	133.96 6.64 -1.92	81.27 3.61 -8.56	58.64 2.34 -11.52	50.79 1.80 -13.52	48.28 1.89 -8.32	43.15 1.51 -11.05	74.28 3.32 -3.14	77.50 3.51 -2.72	83.79 3.89 -3.57	84.73 3.93 -7.15	62.28 2.19 -19.68	66.23 2.62 -14.95	59.91 2.36 -14.02	104.77 4.95 -6.75	114.31 5.22 -1.87	71.11 3.12 -0.58	88.97 3.96 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	62.42 0.14 0.00	91.21 -0.07 -0.54	97.70 0.02 0.00	81.65 0.26 0.00	78.25 0.11 -0.42	64.14 0.10 -9.37	61.93 0.05 -16.43	127.98 0.67 -1.91	77.85 0.26 -8.50	56.97 0.34 -11.86	49.87 0.13 -14.26	46.87 0.03 -8.79	42.75 0.08 -12.07	72.20 0.11 -4.27	75.63 0.22 -4.14	80.87 0.08 -4.45	81.65 0.40 -7.60	61.46 0.19 -20.86	65.67 0.24 -16.79	59.87 0.27 -16.06	101.12 0.51 -7.54	109.11 0.02 -1.87	68.10 0.10 -0.59	85.50 0.49 0.00
GOUDEY___7 23579	62.42 0.14 0.00	91.21 -0.07 -0.54	97.70 0.02 0.00	81.65 0.26 0.00	78.25 0.11 -0.42	64.14 0.10 -9.37	61.93 0.05 -16.43	127.98 0.67 -1.91	77.85 0.26 -8.50	56.97 0.34 -11.86	49.87 0.13 -14.26	46.87 0.03 -8.79	42.75 0.08 -12.07	72.20 0.11 -4.27	75.63 0.22 -4.14	80.87 0.08 -4.45	81.65 0.40 -7.60	61.46 0.19 -20.86	65.67 0.24 -16.79	59.87 0.27 -16.06	101.12 0.51 -7.54	109.11 0.02 -1.87	68.10 0.10 -0.59	85.50 0.49 0.00
GOUDEY___8 23580	62.42 0.14 0.00	91.21 -0.07 -0.54	97.70 0.02 0.00	81.65 0.26 0.00	78.25 0.11 -0.42	64.14 0.10 -9.37	61.93 0.05 -16.43	127.98 0.67 -1.91	77.85 0.26 -8.50	56.97 0.34 -11.86	49.87 0.13 -14.26	46.87 0.03 -8.79	42.75 0.08 -12.07	72.20 0.11 -4.27	75.63 0.22 -4.14	80.87 0.08 -4.45	81.65 0.40 -7.60	61.46 0.19 -20.86	65.67 0.24 -16.79	59.87 0.27 -16.06	101.12 0.51 -7.54	109.11 0.02 -1.87	68.10 0.10 -0.59	85.50 0.49 0.00
GOWANUS_GT1_1 24077	87.57 6.60 -18.69	153.12 9.68 -52.71	150.45 10.11 -42.66	150.18 8.53 -60.26	150.19 8.31 -64.16	151.85 5.95 -91.23	155.89 4.97 -105.47	163.19 13.05 -24.75	187.37 7.19 -111.09	180.67 4.76 -131.14	191.59 3.79 -152.32	150.30 4.12 -108.12	129.78 3.35 -95.83	129.82 7.42 -54.59	152.36 7.75 -73.34	142.92 8.17 -58.42	185.59 7.79 -104.15	274.50 4.31 -229.77	230.17 5.19 -176.33	231.64 4.71 -183.39	208.29 10.02 -105.20	210.14 11.58 -91.33	128.94 7.37 -54.16	98.21 9.20 -4.00
GOWANUS_GT1_2 24078	87.57 6.60 -18.69	153.12 9.68 -52.71	150.45 10.11 -42.66	150.18 8.53 -60.26	150.19 8.31 -64.16	151.85 5.95 -91.23	155.89 4.97 -105.47	163.19 13.05 -24.75	187.37 7.19 -111.09	180.67 4.76 -131.14	191.59 3.79 -152.32	150.30 4.12 -108.12	129.78 3.35 -95.83	129.82 7.42 -54.59	152.36 7.75 -73.34	142.92 8.17 -58.42	185.59 7.79 -104.15	274.50 4.31 -229.77	230.17 5.19 -176.33	231.64 4.71 -183.39	208.29 10.02 -105.20	210.14 11.58 -91.33	128.94 7.37 -54.16	98.21 9.20 -4.00
GOWANUS_GT1_3 24079	87.57 6.60 -18.69	153.12 9.68 -52.71	150.45 10.11 -42.66	150.18 8.53 -60.26	150.19 8.31 -64.16	151.85 5.95 -91.23	155.89 4.97 -105.47	163.19 13.05 -24.75	187.37 7.19 -111.09	180.67 4.76 -131.14	191.59 3.79 -152.32	150.30 4.12 -108.12	129.78 3.35 -95.83	129.82 7.42 -54.59	152.36 7.75 -73.34	142.92 8.17 -58.42	185.59 7.79 -104.15	274.50 4.31 -229.77	230.17 5.19 -176.33	231.64 4.71 -183.39	208.29 10.02 -105.20	210.14 11.58 -91.33	128.94 7.37 -54.16	98.21 9.20 -4.00
GOWANUS_GT1_4 24080	87.57 6.60 -18.69	153.12 9.68 -52.71	150.45 10.11 -42.66	150.18 8.53 -60.26	150.19 8.31 -64.16	151.85 5.95 -91.23	155.89 4.97 -105.47	163.19 13.05 -24.75	187.37 7.19 -111.09	180.67 4.76 -131.14	191.59 3.79 -152.32	150.30 4.12 -108.12	129.78 3.35 -95.83	129.82 7.42 -54.59	152.36 7.75 -73.34	142.92 8.17 -58.42	185.59 7.79 -104.15	274.50 4.31 -229.77	230.17 5.19 -176.33	231.64 4.71 -183.39	208.29 10.02 -105.20	210.14 11.58 -91.33	128.94 7.37 -54.16	98.21 9.20 -4.00
GOWANUS_GT1_5 24084	87.57 6.60 -18.69	153.12 9.68 -52.71	150.45 10.11 -42.66	150.18 8.53 -60.26	150.19 8.31 -64.16	151.85 5.95 -91.23	155.89 4.97 -105.47	163.19 13.05 -24.75	187.37 7.19 -111.09	180.67 4.76 -131.14	191.59 3.79 -152.32	150.30 4.12 -108.12	129.78 3.35 -95.83	129.82 7.42 -54.59	152.36 7.75 -73.34	142.92 8.17 -58.42	185.59 7.79 -104.15	274.50 4.31 -229.77	230.17 5.19 -176.33	231.64 4.71 -183.39	208.29 10.02 -105.20	210.14 11.58 -91.33	128.94 7.37 -54.16	98.21 9.20 -4.00
GOWANUS_GT1_6 24111	87.57 6.60 -18.69	153.12 9.68 -52.71	150.45 10.11 -42.66	150.18 8.53 -60.26	150.19 8.31 -64.16	151.85 5.95 -91.23	155.89 4.97 -105.47	163.19 13.05 -24.75	187.37 7.19 -111.09	180.67 4.76 -131.14	191.59 3.79 -152.32	150.30 4.12 -108.12	129.78 3.35 -95.83	129.82 7.42 -54.59	152.36 7.75 -73.34	142.92 8.17 -58.42	185.59 7.79 -104.15	274.50 4.31 -229.77	230.17 5.19 -176.33	231.64 4.71 -183.39	208.29 10.02 -105.20	210.14 11.58 -91.33	128.94 7.37 -54.16	98.21 9.20 -4.00
GOWANUS_GT1_7 24112	87.57 6.60 -18.69	153.12 9.68 -52.71	150.45 10.11 -42.66	150.18 8.53 -60.26	150.19 8.31 -64.16	151.85 5.95 -91.23	155.89 4.97 -105.47	163.19 13.05 -24.75	187.37 7.19 -111.09	180.67 4.76 -131.14	191.59 3.79 -152.32	150.30 4.12 -108.12	129.78 3.35 -95.83	129.82 7.42 -54.59	152.36 7.75 -73.34	142.92 8.17 -58.42	185.59 7.79 -104.15	274.50 4.31 -229.77	230.17 5.19 -176.33	231.64 4.71 -183.39	208.29 10.02 -105.20	210.14 11.58 -91.33	128.94 7.37 -54.16	98.21 9.20 -4.00
GOWANUS_GT1_8 24113	87.57 6.60 -18.69	153.12 9.68 -52.71	150.45 10.11 -42.66	150.18 8.53 -60.26	150.19 8.31 -64.16	151.85 5.95 -91.23	155.89 4.97 -105.47	163.19 13.05 -24.75	187.37 7.19 -111.09	180.67 4.76 -131.14	191.59 3.79 -152.32	150.30 4.12 -108.12	129.78 3.35 -95.83	129.82 7.42 -54.59	152.36 7.75 -73.34	142.92 8.17 -58.42	185.59 7.79 -104.15	274.50 4.31 -229.77	230.17 5.19 -176.33	231.64 4.71 -183.39	208.29 10.02 -105.20	210.14 11.58 -91.33	128.94 7.37 -54.16	98.21 9.20 -4.00
GOWANUS_GT2_1 24114	87.57 6.60 -18.69	153.12 9.68 -52.71	150.46 10.12 -42.66	150.17 8.52 -60.26	150.20 8.32 -64.16	151.85 5.95 -91.23	155.89 4.97 -105.47	176.38 12.90 -38.09	424.38 7.12 -348.17	369.26 4.76 -319.72	777.70 3.76 -738.46	338.70 4.05 -296.59	338.70 3.31 -304.79	338.70 7.31 -263.57	625.24 7.70 -546.28	387.99 8.16 -303.50	373.80 7.72 -292.43	382.46 4.26 -337.80	342.89 5.10 -289.14	559.90 4.61 -511.75	582.07 10.01 -478.99	771.34 11.58 -652.53	262.35 7.38 -187.56	98.22 9.20 -4.00
GOWANUS_GT2_2 24115	87.57 6.60 -18.69	153.12 9.68 -52.71	150.46 10.12 -42.66	150.17 8.52 -60.26	150.20 8.32 -64.16	151.85 5.95 -91.23	155.89 4.97 -105.47	176.38 12.90 -38.09	424.38 7.12 -348.17	369.26 4.76 -319.72	777.70 3.76 -738.46	338.70 4.05 -296.59	338.70 3.31 -304.79	338.70 7.31 -263.57	625.24 7.70 -546.28	387.99 8.16 -303.50	373.80 7.72 -292.43	382.46 4.26 -337.80	342.89 5.10 -289.14	559.90 4.61 -511.75	582.07 10.01 -478.99	771.34 11.58 -652.53	262.35 7.38 -187.56	98.22 9.20 -4.00
GOWANUS_GT2_3 24116	87.57 6.60 -18.69	153.12 9.68 -52.71	150.46 10.12 -42.66	150.17 8.52 -60.26	150.20 8.32 -64.16	151.85 5.95 -91.23	155.89 4.97 -105.47	176.38 12.90 -38.09	424.38 7.12 -348.17	369.26 4.76 -319.72	777.70 3.76 -738.46	338.70 4.05 -296.59	338.70 3.31 -304.79	338.70 7.31 -263.57	625.24 7.70 -546.28	387.99 8.16 -303.50	373.80 7.72 -292.43	382.46 4.26 -337.80	342.89 5.10 -289.14	559.90 4.61 -511.75	582.07 10.01 -478.99	771.34 11.58 -652.53	262.35 7.38 -187.56	98.22 9.20 -4.00

GOWANUS_GT2_4 24117	87.57 6.60 -18.69	153.12 9.68 -52.71	150.46 10.12 -42.66	150.17 8.52 -60.26	150.20 8.32 -64.16	151.85 5.95 -91.23	155.89 4.97 -105.47	176.38 12.90 -38.09	424.38 7.12 -348.17	369.26 4.76 -319.72	777.70 3.76 -738.46	338.70 4.05 -296.59	338.70 3.31 -304.79	338.70 7.31 -263.57	625.24 7.70 -546.28	387.99 8.16 -303.50	373.80 7.72 -292.43	382.46 4.26 -337.80	342.89 5.10 -289.14	559.90 4.61 -511.75	582.07 10.01 -478.99	771.34 11.58 -652.53	262.35 7.38 -187.56	98.22 9.20 -4.00
GOWANUS_GT2_5 24118	87.57 6.60 -18.69	153.12 9.68 -52.71	150.46 10.12 -42.66	150.17 8.52 -60.26	150.20 8.32 -64.16	151.85 5.95 -91.23	155.89 4.97 -105.47	176.38 12.90 -38.09	424.38 7.12 -348.17	369.26 4.76 -319.72	777.70 3.76 -738.46	338.70 4.05 -296.59	338.70 3.31 -304.79	338.70 7.31 -263.57	625.24 7.70 -546.28	387.99 8.16 -303.50	373.80 7.72 -292.43	382.46 4.26 -337.80	342.89 5.10 -289.14	559.90 4.61 -511.75	582.07 10.01 -478.99	771.34 11.58 -652.53	262.35 7.38 -187.56	98.22 9.20 -4.00
GOWANUS_GT2_6 24119	87.57 6.60 -18.69	153.12 9.68 -52.71	150.46 10.12 -42.66	150.17 8.52 -60.26	150.20 8.32 -64.16	151.85 5.95 -91.23	155.89 4.97 -105.47	176.38 12.90 -38.09	424.38 7.12 -348.17	369.26 4.76 -319.72	777.70 3.76 -738.46	338.70 4.05 -296.59	338.70 3.31 -304.79	338.70 7.31 -263.57	625.24 7.70 -546.28	387.99 8.16 -303.50	373.80 7.72 -292.43	382.46 4.26 -337.80	342.89 5.10 -289.14	559.90 4.61 -511.75	582.07 10.01 -478.99	771.34 11.58 -652.53	262.35 7.38 -187.56	98.22 9.20 -4.00
GOWANUS_GT2_7 24120	87.57 6.60 -18.69	153.12 9.68 -52.71	150.46 10.12 -42.66	150.17 8.52 -60.26	150.20 8.32 -64.16	151.85 5.95 -91.23	155.89 4.97 -105.47	176.38 12.90 -38.09	424.38 7.12 -348.17	369.26 4.76 -319.72	777.70 3.76 -738.46	338.70 4.05 -296.59	338.70 3.31 -304.79	338.70 7.31 -263.57	625.24 7.70 -546.28	387.99 8.16 -303.50	373.80 7.72 -292.43	382.46 4.26 -337.80	342.89 5.10 -289.14	559.90 4.61 -511.75	582.07 10.01 -478.99	771.34 11.58 -652.53	262.35 7.38 -187.56	98.22 9.20 -4.00
GOWANUS_GT2_8 24121	87.57 6.60 -18.69	153.12 9.68 -52.71	150.46 10.12 -42.66	150.17 8.52 -60.26	150.20 8.32 -64.16	151.85 5.95 -91.23	155.89 4.97 -105.47	176.38 12.90 -38.09	424.38 7.12 -348.17	369.26 4.76 -319.72	777.70 3.76 -738.46	338.70 4.05 -296.59	338.70 3.31 -304.79	338.70 7.31 -263.57	625.24 7.70 -546.28	387.99 8.16 -303.50	373.80 7.72 -292.43	382.46 4.26 -337.80	342.89 5.10 -289.14	559.90 4.61 -511.75	582.07 10.01 -478.99	771.34 11.58 -652.53	262.35 7.38 -187.56	98.22 9.20 -4.00
GOWANUS_GT3_1 24122	87.57 6.60 -18.69	153.12 9.68 -52.71	150.46 10.12 -42.66	150.17 8.52 -60.26	150.20 8.32 -64.16	151.85 5.95 -91.23	155.89 4.97 -105.47	163.04 12.90 -24.75	187.30 7.12 -111.09	180.68 4.76 -131.14	191.56 3.76 -152.32	150.23 4.05 -108.12	129.75 3.31 -95.83	129.71 7.31 -54.59	152.31 7.70 -73.34	142.91 8.16 -58.42	185.52 7.72 -104.15	274.44 4.26 -229.77	230.09 5.10 -176.33	231.54 4.61 -183.39	208.29 10.01 -105.20	210.15 11.58 -91.33	128.94 7.38 -54.16	98.22 9.20 -4.00
GOWANUS_GT3_2 24123	87.57 6.60 -18.69	153.12 9.68 -52.71	150.46 10.12 -42.66	150.17 8.52 -60.26	150.20 8.32 -64.16	151.85 5.95 -91.23	155.89 4.97 -105.47	163.04 12.90 -24.75	187.30 7.12 -111.09	180.68 4.76 -131.14	191.56 3.76 -152.32	150.23 4.05 -108.12	129.75 3.31 -95.83	129.71 7.31 -54.59	152.31 7.70 -73.34	142.91 8.16 -58.42	185.52 7.72 -104.15	274.44 4.26 -229.77	230.09 5.10 -176.33	231.54 4.61 -183.39	208.29 10.01 -105.20	210.15 11.58 -91.33	128.94 7.38 -54.16	98.22 9.20 -4.00
GOWANUS_GT3_3 24124	87.57 6.60 -18.69	153.12 9.68 -52.71	150.46 10.12 -42.66	150.17 8.52 -60.26	150.20 8.32 -64.16	151.85 5.95 -91.23	155.89 4.97 -105.47	163.04 12.90 -24.75	187.30 7.12 -111.09	180.68 4.76 -131.14	191.56 3.76 -152.32	150.23 4.05 -108.12	129.75 3.31 -95.83	129.71 7.31 -54.59	152.31 7.70 -73.34	142.91 8.16 -58.42	185.52 7.72 -104.15	274.44 4.26 -229.77	230.09 5.10 -176.33	231.54 4.61 -183.39	208.29 10.01 -105.20	210.15 11.58 -91.33	128.94 7.38 -54.16	98.22 9.20 -4.00
GOWANUS_GT3_4 24125	87.57 6.60 -18.69	153.12 9.68 -52.71	150.46 10.12 -42.66	150.17 8.52 -60.26	150.20 8.32 -64.16	151.85 5.95 -91.23	155.89 4.97 -105.47	163.04 12.90 -24.75	187.30 7.12 -111.09	180.68 4.76 -131.14	191.56 3.76 -152.32	150.23 4.05 -108.12	129.75 3.31 -95.83	129.71 7.31 -54.59	152.31 7.70 -73.34	142.91 8.16 -58.42	185.52 7.72 -104.15	274.44 4.26 -229.77	230.09 5.10 -176.33	231.54 4.61 -183.39	208.29 10.01 -105.20	210.15 11.58 -91.33	128.94 7.38 -54.16	98.22 9.20 -4.00
GOWANUS_GT3_5 24126	87.57 6.60 -18.69	153.12 9.68 -52.71	150.46 10.12 -42.66	150.17 8.52 -60.26	150.20 8.32 -64.16	151.85 5.95 -91.23	155.89 4.97 -105.47	163.04 12.90 -24.75	187.30 7.12 -111.09	180.68 4.76 -131.14	191.56 3.76 -152.32	150.23 4.05 -108.12	129.75 3.31 -95.83	129.71 7.31 -54.59	152.31 7.70 -73.34	142.91 8.16 -58.42	185.52 7.72 -104.15	274.44 4.26 -229.77	230.09 5.10 -176.33	231.54 4.61 -183.39	208.29 10.01 -105.20	210.15 11.58 -91.33	128.94 7.38 -54.16	98.22 9.20 -4.00
GOWANUS_GT3_6 24127	87.57 6.60 -18.69	153.12 9.68 -52.71	150.46 10.12 -42.66	150.17 8.52 -60.26	150.20 8.32 -64.16	151.85 5.95 -91.23	155.89 4.97 -105.47	163.04 12.90 -24.75	187.30 7.12 -111.09	180.68 4.76 -131.14	191.56 3.76 -152.32	150.23 4.05 -108.12	129.75 3.31 -95.83	129.71 7.31 -54.59	152.31 7.70 -73.34	142.91 8.16 -58.42	185.52 7.72 -104.15	274.44 4.26 -229.77	230.09 5.10 -176.33	231.54 4.61 -183.39	208.29 10.01 -105.20	210.15 11.58 -91.33	128.94 7.38 -54.16	98.22 9.20 -4.00
GOWANUS_GT3_7 24128	87.57 6.60 -18.69	153.12 9.68 -52.71	150.46 10.12 -42.66	150.17 8.52 -60.26	150.20 8.32 -64.16	151.85 5.95 -91.23	155.89 4.97 -105.47	163.04 12.90 -24.75	187.30 7.12 -111.09	180.68 4.76 -131.14	191.56 3.76 -152.32	150.23 4.05 -108.12	129.75 3.31 -95.83	129.71 7.31 -54.59	152.31 7.70 -73.34	142.91 8.16 -58.42	185.52 7.72 -104.15	274.44 4.26 -229.77	230.09 5.10 -176.33	231.54 4.61 -183.39	208.29 10.01 -105.20	210.15 11.58 -91.33	128.94 7.38 -54.16	98.22 9.20 -4.00
GOWANUS_GT3_8 24129	87.57 6.60 -18.69	153.12 9.68 -52.71	150.46 10.12 -42.66	150.17 8.52 -60.26	150.20 8.32 -64.16	151.85 5.95 -91.23	155.89 4.97 -105.47	163.04 12.90 -24.75	187.30 7.12 -111.09	180.68 4.76 -131.14	191.56 3.76 -152.32	150.23 4.05 -108.12	129.75 3.31 -95.83	129.71 7.31 -54.59	152.31 7.70 -73.34	142.91 8.16 -58.42	185.52 7.72 -104.15	274.44 4.26 -229.77	230.09 5.10 -176.33	231.54 4.61 -183.39	208.29 10.01 -105.20	210.15 11.58 -91.33	128.94 7.38 -54.16	98.22 9.20 -4.00
GOWANUS_GT4_1 24130	87.57 6.60 -18.69	153.12 9.68 -52.71	150.45 10.11 -42.66	150.18 8.53 -60.26	150.19 8.31 -64.16	151.85 5.95 -91.23	155.89 4.97 -105.47	176.53 13.05 -38.09	424.45 7.19 -348.17	369.25 4.76 -319.72	777.73 3.79 -738.46	338.77 4.12 -296.59	338.73 3.35 -304.79	338.81 7.42 -263.57	625.30 7.75 -546.28	388.00 8.17 -303.50	373.87 7.79 -292.43	382.52 4.31 -337.80	342.98 5.19 -289.14	560.00 4.71 -511.75	582.08 10.02 -478.99	771.34 11.58 -652.53	262.35 7.37 -187.56	98.21 9.20 -4.00
GOWANUS_GT4_2 24131	87.57 6.60 -18.69	153.12 9.68 -52.71	150.45 10.11 -42.66	150.18 8.53 -60.26	150.19 8.31 -64.16	151.85 5.95 -91.23	155.89 4.97 -105.47	176.53 13.05 -38.09	424.45 7.19 -348.17	369.25 4.76 -319.72	777.73 3.79 -738.46	338.77 4.12 -296.59	338.73 3.35 -304.79	338.81 7.42 -263.57	625.30 7.75 -546.28	388.00 8.17 -303.50	373.87 7.79 -292.43	382.52 4.31 -337.80	342.98 5.19 -289.14	560.00 4.71 -511.75	582.08 10.02 -478.99	771.34 11.58 -652.53	262.35 7.37 -187.56	98.21 9.20 -4.00

GOWANUS_GT4_3 24132	87.57 6.60 -18.69	153.12 9.68 -52.71	150.45 10.11 -42.66	150.18 8.53 -60.26	150.19 8.31 -64.16	151.85 5.95 -91.23	155.89 4.97 -105.47	176.53 13.05 -38.09	424.45 7.19 -348.17	369.25 4.76 -319.72	777.73 3.79 -738.46	338.77 4.12 -296.59	338.73 3.35 -304.79	338.81 7.42 -263.57	625.30 7.75 -546.28	388.00 8.17 -303.50	373.87 7.79 -292.43	382.52 4.31 -337.80	342.98 5.19 -289.14	560.00 4.71 -511.75	582.08 10.02 -478.99	771.34 11.58 -652.53	262.35 7.37 -187.56	98.21 9.20 -4.00
GOWANUS_GT4_4 24133	87.57 6.60 -18.69	153.12 9.68 -52.71	150.45 10.11 -42.66	150.18 8.53 -60.26	150.19 8.31 -64.16	151.85 5.95 -91.23	155.89 4.97 -105.47	176.53 13.05 -38.09	424.45 7.19 -348.17	369.25 4.76 -319.72	777.73 3.79 -738.46	338.77 4.12 -296.59	338.73 3.35 -304.79	338.81 7.42 -263.57	625.30 7.75 -546.28	388.00 8.17 -303.50	373.87 7.79 -292.43	382.52 4.31 -337.80	342.98 5.19 -289.14	560.00 4.71 -511.75	582.08 10.02 -478.99	771.34 11.58 -652.53	262.35 7.37 -187.56	98.21 9.20 -4.00
GOWANUS_GT4_5 24134	87.57 6.60 -18.69	153.12 9.68 -52.71	150.45 10.11 -42.66	150.18 8.53 -60.26	150.19 8.31 -64.16	151.85 5.95 -91.23	155.89 4.97 -105.47	176.53 13.05 -38.09	424.45 7.19 -348.17	369.25 4.76 -319.72	777.73 3.79 -738.46	338.77 4.12 -296.59	338.73 3.35 -304.79	338.81 7.42 -263.57	625.30 7.75 -546.28	388.00 8.17 -303.50	373.87 7.79 -292.43	382.52 4.31 -337.80	342.98 5.19 -289.14	560.00 4.71 -511.75	582.08 10.02 -478.99	771.34 11.58 -652.53	262.35 7.37 -187.56	98.21 9.20 -4.00
GOWANUS_GT4_6 24135	87.57 6.60 -18.69	153.12 9.68 -52.71	150.45 10.11 -42.66	150.18 8.53 -60.26	150.19 8.31 -64.16	151.85 5.95 -91.23	155.89 4.97 -105.47	176.53 13.05 -38.09	424.45 7.19 -348.17	369.25 4.76 -319.72	777.73 3.79 -738.46	338.77 4.12 -296.59	338.73 3.35 -304.79	338.81 7.42 -263.57	625.30 7.75 -546.28	388.00 8.17 -303.50	373.87 7.79 -292.43	382.52 4.31 -337.80	342.98 5.19 -289.14	560.00 4.71 -511.75	582.08 10.02 -478.99	771.34 11.58 -652.53	262.35 7.37 -187.56	98.21 9.20 -4.00
GOWANUS_GT4_7 24136	87.57 6.60 -18.69	153.12 9.68 -52.71	150.45 10.11 -42.66	150.18 8.53 -60.26	150.19 8.31 -64.16	151.85 5.95 -91.23	155.89 4.97 -105.47	176.53 13.05 -38.09	424.45 7.19 -348.17	369.25 4.76 -319.72	777.73 3.79 -738.46	338.77 4.12 -296.59	338.73 3.35 -304.79	338.81 7.42 -263.57	625.30 7.75 -546.28	388.00 8.17 -303.50	373.87 7.79 -292.43	382.52 4.31 -337.80	342.98 5.19 -289.14	560.00 4.71 -511.75	582.08 10.02 -478.99	771.34 11.58 -652.53	262.35 7.37 -187.56	98.21 9.20 -4.00
GOWANUS_GT4_8 24137	87.57 6.60 -18.69	153.12 9.68 -52.71	150.45 10.11 -42.66	150.18 8.53 -60.26	150.19 8.31 -64.16	151.85 5.95 -91.23	155.89 4.97 -105.47	176.53 13.05 -38.09	424.45 7.19 -348.17	369.25 4.76 -319.72	777.73 3.79 -738.46	338.77 4.12 -296.59	338.73 3.35 -304.79	338.81 7.42 -263.57	625.30 7.75 -546.28	388.00 8.17 -303.50	373.87 7.79 -292.43	382.52 4.31 -337.80	342.98 5.19 -289.14	560.00 4.71 -511.75	582.08 10.02 -478.99	771.34 11.58 -652.53	262.35 7.37 -187.56	98.21 9.20 -4.00
GREENBSH_115KV_TB3 55895	64.95 2.66 0.00	96.71 3.91 -2.07	101.84 4.16 0.00	84.78 3.39 0.00	82.33 3.01 -1.60	88.74 2.16 -31.91	97.51 1.78 -50.27	127.92 4.18 1.67	64.17 2.49 7.42	43.06 1.77 3.48	45.84 1.45 -8.92	32.60 1.49 6.94	52.75 1.25 -20.91	68.18 2.51 2.14	71.84 2.33 1.75	84.45 2.48 -5.64	70.58 2.28 5.35	24.71 1.35 17.05	37.34 1.64 12.96	32.77 1.39 12.15	89.90 2.68 5.85	108.94 3.34 1.62	70.35 2.62 -0.32	88.36 3.35 0.00
GREENIDGE_115KV_TB5 80291	61.14 -1.15 0.00	88.32 -2.76 -0.34	94.15 -3.53 0.00	78.73 -2.66 0.00	76.14 -1.86 -0.26	59.44 -1.12 -5.89	54.94 -0.84 -10.32	123.47 -3.12 -1.19	72.46 -1.91 -5.28	55.40 -0.69 -11.32	50.53 -0.82 -15.88	49.01 -1.01 -11.96	48.09 -0.74 -18.24	82.45 -2.21 -16.84	89.11 -2.23 -20.07	87.62 -2.61 -13.90	84.00 -1.80 -12.14	67.47 -0.87 -27.92	80.17 -0.89 -32.41	77.16 -0.60 -34.23	104.92 -2.41 -14.26	104.29 -4.23 -1.29	65.68 -2.10 -0.37	82.39 -2.62 0.00
GREENIDGE___3 23582	61.14 -1.15 0.00	88.32 -2.76 -0.34	94.15 -3.53 0.00	78.73 -2.66 0.00	76.14 -1.86 -0.26	59.44 -1.12 -5.89	54.94 -0.84 -10.32	123.47 -3.12 -1.19	72.46 -1.91 -5.28	55.40 -0.69 -11.32	50.53 -0.82 -15.88	49.01 -1.01 -11.96	48.09 -0.74 -18.24	82.45 -2.21 -16.84	89.11 -2.23 -20.07	87.62 -2.61 -13.90	84.00 -1.80 -12.14	67.47 -0.87 -27.92	80.17 -0.89 -32.41	77.16 -0.60 -34.23	104.92 -2.41 -14.26	104.29 -4.23 -1.29	65.68 -2.10 -0.37	82.39 -2.62 0.00
GREENIDGE___4 23583	61.13 -1.16 0.00	88.31 -2.76 -0.34	94.15 -3.53 0.00	78.73 -2.66 0.00	76.14 -1.85 -0.26	59.44 -1.13 -5.89	54.93 -0.84 -10.32	123.50 -3.08 -1.19	72.55 -1.82 -5.28	55.38 -0.72 -11.32	50.53 -0.83 -15.88	49.05 -0.97 -11.96	48.09 -0.75 -18.24	82.51 -2.15 -16.84	89.13 -2.21 -20.07	87.60 -2.63 -13.90	84.03 -1.77 -12.14	67.52 -0.82 -27.92	80.11 -0.95 -32.41	77.19 -0.58 -34.23	104.95 -2.38 -14.26	104.30 -4.21 -1.29	65.67 -2.11 -0.37	82.38 -2.63 0.00
GREENLWN_69_KV_BK 3 55738	113.98 7.29 -44.40	194.97 10.21 -94.04	120.50 11.49 -11.32	90.86 9.47 0.00	88.28 9.33 -1.22	95.69 6.80 -34.21	137.58 5.52 -86.61	166.92 14.19 -27.33	173.80 7.48 -97.22	169.32 4.78 -119.77	161.25 4.09 -121.69	139.75 4.52 -97.17	117.79 3.50 -83.69	120.92 7.97 -45.13	116.05 8.07 -36.71	175.54 8.93 -90.28	192.18 8.37 -110.16	268.09 4.15 -223.53	223.74 5.29 -169.80	207.55 4.80 -159.21	179.91 10.22 -76.62	140.58 12.10 -21.25	80.79 8.18 -5.20	102.10 10.38 -6.72
GREENWD_138_KV_38B11_REV_LBMP_J 345004	87.57 6.60 -18.69	153.12 9.68 -52.71	150.45 10.11 -42.66	150.18 8.53 -60.26	150.19 8.31 -64.16	151.85 5.95 -91.23	155.89 4.97 -105.47	163.19 13.05 -24.75	187.37 7.19 -111.09	180.67 4.76 -131.14	191.59 3.79 -152.32	150.30 4.12 -108.12	129.78 3.35 -95.83	129.82 7.42 -54.59	152.36 7.75 -73.34	142.92 8.17 -58.42	185.59 7.79 -104.15	274.50 4.31 -229.77	230.17 5.19 -176.33	231.64 4.71 -183.39	208.29 10.02 -105.20	210.14 11.58 -91.33	128.94 7.37 -54.16	98.21 9.20 -4.00
GRISSOM___SOLAR 323813	66.15 3.87 0.00	98.57 5.55 -2.29	103.63 5.95 0.00	86.34 4.95 0.00	84.41 4.92 -1.76	93.87 3.59 -35.61	105.27 3.14 -56.68	133.34 8.97 1.03	69.17 4.64 4.57	47.77 2.53 -0.47	50.99 1.74 -13.78	35.37 1.53 4.22	56.91 1.35 -24.96	69.51 2.88 1.20	73.42 3.10 0.95	87.38 4.23 -6.82	75.58 5.03 3.11	32.91 3.00 10.50	44.31 3.64 7.98	39.27 3.22 7.48	96.19 6.73 3.60	113.71 7.49 1.00	72.42 4.48 -0.53	90.53 5.52 0.00
GROVEVILLE___HYD 323602	68.41 6.11 -0.02	101.23 8.92 -1.59	107.20 9.52 0.00	89.45 8.06 0.00	86.82 7.87 -1.22	94.30 5.69 -33.93	119.63 4.81 -69.37	159.37 12.84 -21.14	170.26 7.13 -94.04	165.44 4.67 -115.99	153.97 3.70 -114.80	135.19 3.92 -93.22	112.60 3.13 -78.88	112.84 6.80 -38.22	112.16 7.17 -33.72	116.21 7.89 -31.99	165.24 7.72 -83.86	261.00 4.35 -216.23	218.17 5.26 -164.26	202.23 4.68 -154.01	176.93 9.74 -74.12	138.82 11.04 -20.55	79.44 6.98 -5.05	93.63 8.62 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	61.92 -0.36 0.00	90.28 -0.63 -0.19	96.99 -0.69 0.00	80.92 -0.47 0.00	77.50 -0.37 -0.14	57.72 -0.18 -3.22	51.01 -0.07 -5.63	126.05 0.02 -0.63	71.88 -0.02 -2.81	48.65 0.05 -3.82	40.05 0.01 -4.57	40.78 -0.05 -2.77	34.55 -0.01 -3.96	68.81 -0.13 -1.12	72.11 -0.14 -0.98	77.57 -0.12 -1.36	76.27 0.14 -2.47	47.02 0.15 -6.45	53.70 0.14 -4.90	48.27 0.14 -4.59	95.32 0.04 -2.21	107.36 -0.48 -0.61	67.34 -0.27 -0.20	84.79 -0.22 0.00

HAMLTNNY_34_KV_TB 80303	62.25 -0.04 0.00	90.66 -0.27 -0.20	97.36 -0.32 0.00	81.23 -0.16 0.00	77.84 -0.04 -0.16	58.19 0.01 -3.50	51.67 0.10 -6.12	126.62 0.53 -0.69	72.40 0.24 -3.07	49.18 0.23 -4.17	40.57 0.11 -4.99	41.08 0.06 -2.97	34.78 0.08 -4.11	69.01 0.10 -1.09	72.32 0.12 -0.94	77.75 0.14 -1.28	76.57 0.41 -2.51	47.76 0.29 -7.05	54.35 0.34 -5.35	48.87 0.31 -5.02	95.89 0.40 -2.42	107.74 -0.16 -0.67	67.61 -0.02 -0.21	85.13 0.12 0.00
HAMPSHIRE___PAPER_HYD 323593	59.46 -2.82 0.00	86.64 -4.14 -0.04	93.69 -3.99 0.00	78.09 -3.31 0.00	74.66 -3.11 -0.03	53.28 -2.08 -0.69	45.10 -1.47 -1.11	122.46 -2.94 0.00	67.46 -1.63 0.00	43.41 -1.48 -0.11	34.51 -1.33 -0.36	36.50 -1.56 0.00	29.72 -1.39 -0.51	64.74 -3.08 0.00	67.84 -3.42 0.00	72.85 -3.61 -0.14	70.95 -2.71 0.00	24.30 -1.73 14.38	46.60 -2.05 0.00	41.72 -1.82 0.00	90.30 -2.76 0.00	105.42 -1.81 0.00	66.34 -1.08 -0.01	83.55 -1.46 0.00
HARDSCRABBLE_WT_PWR 323673	63.39 1.11 0.00	92.47 1.74 0.00	99.50 1.82 0.00	82.91 1.52 0.00	79.40 1.68 0.00	56.17 1.50 0.00	46.72 1.27 0.00	128.03 2.63 0.00	70.51 1.42 0.00	45.72 0.95 0.00	36.07 0.60 0.00	38.54 0.49 0.00	31.09 0.49 0.00	68.61 0.79 0.00	72.15 0.88 0.00	77.83 1.50 0.00	75.37 1.71 0.00	43.06 1.09 -1.56	50.02 1.37 0.00	44.74 1.20 0.00	95.46 2.40 0.00	109.88 2.65 0.00	69.19 1.78 0.00	86.90 1.89 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	66.64 5.02 0.66	99.51 7.29 -1.49	105.46 7.78 0.00	88.03 6.64 0.00	85.38 6.51 -1.15	91.11 4.72 -31.72	114.11 3.92 -64.73	155.38 10.39 -19.59	162.08 5.81 -87.17	156.17 3.84 -107.55	145.07 3.05 -106.55	125.25 3.23 -83.96	98.24 2.57 -65.07	103.66 5.62 -30.22	102.97 5.88 -25.82	104.48 6.41 -21.75	150.04 6.22 -70.16	244.38 3.52 -200.45	205.15 4.23 -152.26	190.06 3.75 -142.77	169.68 7.90 -68.71	135.28 9.00 -19.05	77.83 5.74 -4.69	92.12 7.11 0.00
HARSNRAD_115KV_TB1 81005	56.63 -5.66 0.00	81.91 -9.08 -0.26	87.14 -10.54 0.00	72.84 -8.56 0.00	70.28 -7.65 -0.20	53.65 -5.44 -4.42	48.11 -5.07 -7.74	113.44 -12.84 -0.88	65.36 -7.64 -3.91	43.19 -4.90 -3.32	34.16 -4.11 -2.80	34.33 -4.21 -0.49	27.03 -3.36 0.21	54.74 -7.27 5.80	55.75 -7.83 7.67	63.90 -8.42 4.01	65.64 -7.45 0.56	37.65 -4.18 -1.41	39.72 -4.63 4.30	33.55 -4.13 5.86	81.79 -9.50 1.77	95.54 -12.48 -0.79	60.45 -7.24 -0.27	77.03 -7.98 0.00
HARZA MOOSE___RIVER 24016	62.10 -0.19 0.00	90.48 -0.31 -0.06	97.87 0.19 0.00	81.69 0.30 0.00	78.21 0.44 -0.04	56.09 0.53 -0.89	47.56 0.68 -1.43	128.15 2.75 0.00	70.72 1.62 0.00	45.71 0.79 -0.14	36.45 0.52 -0.46	38.43 0.38 0.00	31.51 0.25 -0.66	68.23 0.41 0.00	71.49 0.22 0.00	76.76 0.26 -0.18	74.62 0.96 0.00	39.24 0.41 1.58	49.18 0.53 0.00	43.98 0.44 0.00	94.51 1.45 0.00	109.13 1.90 0.00	68.64 1.21 -0.02	86.23 1.22 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	61.34 -0.95 0.00	89.38 -1.52 -0.16	95.99 -1.69 0.00	80.06 -1.33 0.00	76.68 -1.18 -0.13	56.79 -0.72 -2.84	49.86 -0.55 -4.96	124.64 -1.31 -0.55	70.81 -0.74 -2.45	47.71 -0.41 -3.34	39.14 -0.33 -4.01	40.06 -0.42 -2.42	33.77 -0.30 -3.48	68.03 -0.76 -0.98	71.30 -0.82 -0.86	76.66 -0.86 -1.19	75.19 -0.62 -2.16	45.76 -0.28 -5.63	52.54 -0.39 -4.28	47.20 -0.34 -4.01	94.04 -0.96 -1.93	106.16 -1.61 -0.54	66.59 -0.99 -0.17	83.88 -1.13 0.00
HELLGATE_13_KV_LD 55870	69.11 6.25 -0.57	101.37 9.05 -1.59	107.15 9.47 0.00	89.38 7.99 0.00	86.73 7.78 -1.22	94.45 5.58 -34.20	120.44 4.69 -70.30	159.60 12.36 -21.84	173.24 6.95 -97.19	169.12 4.61 -119.73	157.34 3.68 -118.19	139.23 4.03 -97.14	117.50 3.24 -83.66	116.23 7.14 -41.27	115.35 7.39 -36.70	119.82 7.91 -35.59	170.39 7.49 -89.25	268.00 4.10 -223.48	223.37 4.96 -169.76	207.14 4.43 -159.17	179.05 9.38 -76.60	139.40 10.92 -21.25	79.55 6.94 -5.20	93.77 8.76 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	69.11 6.25 -0.57	101.37 9.05 -1.59	107.15 9.47 0.00	89.38 7.99 0.00	86.73 7.78 -1.22	94.45 5.58 -34.20	120.44 4.69 -70.30	159.60 12.36 -21.84	173.24 6.95 -97.19	169.12 4.61 -119.73	157.34 3.68 -118.19	139.23 4.03 -97.14	117.50 3.24 -83.66	116.23 7.14 -41.27	115.35 7.39 -36.70	119.82 7.91 -35.59	170.39 7.49 -89.25	268.00 4.10 -223.48	223.37 4.96 -169.76	207.14 4.43 -159.17	179.05 9.38 -76.60	139.40 10.92 -21.25	79.55 6.94 -5.20	93.77 8.76 -0.01
HEMPSTEAD____ 23647	113.47 6.78 -44.40	183.81 9.71 -83.37	116.62 10.62 -8.31	90.16 8.77 0.00	87.59 8.64 -1.22	95.15 6.27 -34.21	137.23 5.16 -86.61	166.37 13.64 -27.33	173.69 7.37 -97.22	169.32 4.78 -119.77	161.13 3.97 -121.69	139.48 4.25 -97.17	117.64 3.36 -83.69	120.49 7.55 -45.13	115.72 7.74 -36.71	175.14 8.53 -90.29	191.86 8.05 -110.16	267.97 4.02 -223.53	223.52 5.07 -169.81	207.33 4.58 -159.21	179.71 10.02 -76.62	140.23 11.75 -21.25	80.27 7.66 -5.20	101.35 9.62 -6.72
HEWLETT_69_KV_BK3 55828	114.19 7.50 -44.40	191.02 10.69 -89.60	119.27 11.64 -9.94	90.95 9.56 0.00	88.34 9.39 -1.22	95.74 6.86 -34.21	137.72 5.66 -86.61	167.78 15.05 -27.33	174.48 8.17 -97.22	169.83 5.29 -119.77	161.60 4.44 -121.69	139.98 4.75 -97.17	118.00 3.71 -83.69	121.28 8.33 -45.13	116.53 8.55 -36.72	175.96 9.34 -90.29	192.79 8.97 -110.16	268.59 4.64 -223.53	224.25 5.79 -169.80	208.01 5.26 -159.21	180.91 11.23 -76.62	141.53 13.06 -21.25	81.05 8.44 -5.20	102.31 10.59 -6.72
HICKLING___1 23621	61.13 -1.16 0.00	88.83 -2.34 -0.43	95.12 -2.56 0.00	79.60 -1.79 0.00	76.21 -1.85 -0.33	60.88 -1.26 -7.47	57.45 -1.09 -13.08	124.76 -2.15 -1.51	74.35 -1.47 -6.73	54.73 -0.71 -10.67	48.16 -0.87 -13.56	45.99 -1.11 -9.05	42.74 -0.89 -13.03	73.56 -2.20 -7.94	78.04 -2.13 -8.90	80.83 -2.61 -7.11	80.25 -1.81 -8.40	60.79 -0.96 -21.33	67.92 -1.09 -20.36	63.21 -0.84 -20.51	100.11 -2.01 -9.05	105.51 -3.24 -1.52	65.99 -1.89 -0.47	83.20 -1.81 0.00
HICKLING___2 23622	61.13 -1.16 0.00	88.83 -2.34 -0.43	95.12 -2.56 0.00	79.60 -1.79 0.00	76.21 -1.85 -0.33	60.88 -1.26 -7.47	57.45 -1.09 -13.08	124.76 -2.15 -1.51	74.35 -1.47 -6.73	54.73 -0.71 -10.67	48.16 -0.87 -13.56	45.99 -1.11 -9.05	42.74 -0.89 -13.03	73.56 -2.20 -7.94	78.04 -2.13 -8.90	80.83 -2.61 -7.11	80.25 -1.81 -8.40	60.79 -0.96 -21.33	67.92 -1.09 -20.36	63.21 -0.84 -20.51	100.11 -2.01 -9.05	105.51 -3.24 -1.52	65.99 -1.89 -0.47	83.20 -1.81 0.00
HIGH FALLS___HY 23754	69.75 7.56 0.09	103.29 10.97 -1.58	109.39 11.70 0.00	91.35 9.96 0.00	88.71 9.76 -1.22	93.48 7.09 -31.72	113.73 6.05 -62.23	157.96 16.57 -15.99	149.34 9.09 -71.16	139.49 5.96 -88.76	130.13 4.60 -90.05	112.80 4.70 -70.04	96.11 3.59 -61.93	103.01 7.71 -27.48	103.59 8.31 -24.01	109.13 9.60 -23.20	144.72 9.70 -61.36	209.57 5.54 -163.62	179.64 6.69 -124.29	166.05 5.97 -116.54	161.62 12.47 -56.08	136.79 14.02 -15.55	80.02 8.67 -3.95	95.68 10.67 0.00
HIGH_RIVER___SOLAR 323847	65.13 2.84 0.00	97.07 4.12 -2.21	102.08 4.40 0.00	85.12 3.73 0.00	83.14 3.70 -1.71	91.74 2.72 -34.35	102.29 2.35 -54.49	130.46 6.33 1.27	66.81 3.35 5.63	45.64 1.85 0.99	48.85 1.34 -12.03	33.90 1.08 5.23	55.14 1.00 -23.54	68.45 2.18 1.55	72.40 2.39 1.25	86.08 3.34 -6.41	73.48 3.77 3.94	29.66 2.20 12.95	41.46 2.65 9.84	36.65 2.33 9.23	93.45 4.82 4.44	111.39 5.40 1.23	71.23 3.36 -0.46	89.13 4.11 0.00

HILLBURN___GT 23639	66.44 4.92 0.77	99.42 7.18 -1.51	105.34 7.66 0.00	87.91 6.52 0.00	85.30 6.40 -1.16	91.58 4.66 -32.25	115.22 3.86 -65.91	155.60 10.13 -20.07	164.07 5.67 -89.30	158.74 3.81 -110.15	147.49 2.98 -109.03	127.30 3.16 -86.08	99.81 2.54 -66.68	104.43 5.53 -31.09	103.60 5.74 -26.59	104.97 6.22 -22.43	151.66 5.94 -72.07	249.14 3.35 -205.37	208.66 4.00 -156.01	193.36 3.55 -146.28	171.10 7.64 -70.39	135.50 8.75 -19.52	77.80 5.60 -4.80	91.93 6.92 0.00
HILLSIDE_115KV_TB1 80332	60.72 -1.56 0.00	88.38 -2.79 -0.45	94.83 -2.85 0.00	79.38 -2.01 0.00	75.94 -2.14 -0.34	60.90 -1.50 -7.72	57.65 -1.34 -13.54	124.12 -2.84 -1.57	74.27 -1.80 -6.97	54.72 -0.88 -10.83	48.17 -0.95 -13.66	45.86 -1.21 -9.01	42.56 -0.93 -12.89	72.98 -2.28 -7.44	77.33 -2.18 -8.25	80.38 -2.69 -6.74	79.89 -2.05 -8.29	60.54 -1.13 -21.26	67.18 -1.34 -19.87	62.38 -1.06 -19.90	99.58 -2.33 -8.84	105.29 -3.51 -1.57	65.82 -2.07 -0.48	83.01 -2.00 0.00
HISHELDN_WT_PWR 323625	57.90 -4.39 0.00	83.68 -7.35 -0.30	89.15 -8.53 0.00	74.47 -6.92 0.00	71.54 -6.43 -0.23	55.27 -4.65 -5.24	50.47 -4.17 -9.18	115.97 -10.48 -1.05	67.59 -6.18 -4.68	40.06 -4.08 0.63	27.21 -3.44 4.82	27.42 -3.64 7.00	15.00 -2.86 12.73	38.05 -6.29 23.47	34.94 -6.76 29.57	50.96 -7.60 17.77	58.04 -6.28 9.33	21.19 -3.46 15.76	13.95 -3.92 30.78	4.84 -3.40 35.30	71.74 -8.05 13.28	97.63 -10.39 -0.80	61.62 -6.11 -0.33	78.21 -6.80 0.00
HOLTSVILLE_IC_1 23690	114.27 7.58 -44.40	195.18 9.99 -94.45	121.12 11.99 -11.44	91.19 9.80 0.00	88.64 9.69 -1.22	95.97 7.09 -34.21	137.77 5.71 -86.61	167.51 14.77 -27.33	173.94 7.63 -97.22	169.43 4.89 -119.77	161.22 4.06 -121.69	139.73 4.50 -97.17	117.75 3.46 -83.69	120.91 7.97 -45.13	115.85 7.87 -36.71	175.63 9.01 -90.28	192.35 8.54 -110.16	267.90 3.96 -223.53	223.76 5.30 -169.81	207.62 4.87 -159.21	180.14 10.46 -76.62	140.70 12.23 -21.25	80.90 8.29 -5.20	102.51 10.79 -6.72
HOLTSVILLE_IC_10 23699	114.54 7.85 -44.40	195.32 10.28 -94.31	121.57 12.49 -11.40	91.56 10.17 0.00	89.00 10.05 -1.22	96.25 7.36 -34.21	137.99 5.92 -86.61	168.12 15.38 -27.33	174.27 7.96 -97.22	169.63 5.09 -119.77	161.36 4.19 -121.69	139.91 4.68 -97.17	117.87 3.58 -83.69	121.24 8.30 -45.13	116.17 8.20 -36.71	176.01 9.39 -90.28	192.74 8.93 -110.16	268.03 4.08 -223.53	224.00 5.55 -169.81	207.85 5.10 -159.21	180.62 10.93 -76.62	141.23 12.76 -21.25	81.24 8.63 -5.20	102.98 11.25 -6.72
HOLTSVILLE_IC_2 23691	114.27 7.58 -44.40	195.18 9.99 -94.45	121.12 11.99 -11.44	91.19 9.80 0.00	88.64 9.69 -1.22	95.97 7.09 -34.21	137.77 5.71 -86.61	167.51 14.77 -27.33	173.94 7.63 -97.22	169.43 4.89 -119.77	161.22 4.06 -121.69	139.73 4.50 -97.17	117.75 3.46 -83.69	120.91 7.97 -45.13	115.85 7.87 -36.71	175.63 9.01 -90.28	192.35 8.54 -110.16	267.90 3.96 -223.53	223.76 5.30 -169.81	207.62 4.87 -159.21	180.14 10.46 -76.62	140.70 12.23 -21.25	80.90 8.29 -5.20	102.51 10.79 -6.72
HOLTSVILLE_IC_3 23692	114.27 7.58 -44.40	195.18 9.99 -94.45	121.12 11.99 -11.44	91.19 9.80 0.00	88.64 9.69 -1.22	95.97 7.09 -34.21	137.77 5.71 -86.61	167.51 14.77 -27.33	173.94 7.63 -97.22	169.43 4.89 -119.77	161.22 4.06 -121.69	139.73 4.50 -97.17	117.75 3.46 -83.69	120.91 7.97 -45.13	115.85 7.87 -36.71	175.63 9.01 -90.28	192.35 8.54 -110.16	267.90 3.96 -223.53	223.76 5.30 -169.81	207.62 4.87 -159.21	180.14 10.46 -76.62	140.70 12.23 -21.25	80.90 8.29 -5.20	102.51 10.79 -6.72
HOLTSVILLE_IC_4 23693	114.27 7.58 -44.40	195.18 9.99 -94.45	121.12 11.99 -11.44	91.19 9.80 0.00	88.64 9.69 -1.22	95.97 7.09 -34.21	137.77 5.71 -86.61	167.51 14.77 -27.33	173.94 7.63 -97.22	169.43 4.89 -119.77	161.22 4.06 -121.69	139.73 4.50 -97.17	117.75 3.46 -83.69	120.91 7.97 -45.13	115.85 7.87 -36.71	175.63 9.01 -90.28	192.35 8.54 -110.16	267.90 3.96 -223.53	223.76 5.30 -169.81	207.62 4.87 -159.21	180.14 10.46 -76.62	140.70 12.23 -21.25	80.90 8.29 -5.20	102.51 10.79 -6.72
HOLTSVILLE_IC_5 23694	114.27 7.58 -44.40	195.18 9.99 -94.45	121.12 11.99 -11.44	91.19 9.80 0.00	88.64 9.69 -1.22	95.97 7.09 -34.21	137.77 5.71 -86.61	167.51 14.77 -27.33	173.94 7.63 -97.22	169.43 4.89 -119.77	161.22 4.06 -121.69	139.73 4.50 -97.17	117.75 3.46 -83.69	120.91 7.97 -45.13	115.85 7.87 -36.71	175.63 9.01 -90.28	192.35 8.54 -110.16	267.90 3.96 -223.53	223.76 5.30 -169.81	207.62 4.87 -159.21	180.14 10.46 -76.62	140.70 12.23 -21.25	80.90 8.29 -5.20	102.51 10.79 -6.72
HOLTSVILLE_IC_6 23695	114.54 7.85 -44.40	195.32 10.28 -94.31	121.57 12.49 -11.40	91.56 10.17 0.00	89.00 10.05 -1.22	96.25 7.36 -34.21	137.99 5.92 -86.61	168.12 15.38 -27.33	174.27 7.96 -97.22	169.63 5.09 -119.77	161.36 4.19 -121.69	139.91 4.68 -97.17	117.87 3.58 -83.69	121.24 8.30 -45.13	116.17 8.20 -36.71	176.01 9.39 -90.28	192.74 8.93 -110.16	268.03 4.08 -223.53	224.00 5.55 -169.81	207.85 5.10 -159.21	180.62 10.93 -76.62	141.23 12.76 -21.25	81.24 8.63 -5.20	102.98 11.25 -6.72
HOLTSVILLE_IC_7 23696	114.54 7.85 -44.40	195.32 10.28 -94.31	121.57 12.49 -11.40	91.56 10.17 0.00	89.00 10.05 -1.22	96.25 7.36 -34.21	137.99 5.92 -86.61	168.12 15.38 -27.33	174.27 7.96 -97.22	169.63 5.09 -119.77	161.36 4.19 -121.69	139.91 4.68 -97.17	117.87 3.58 -83.69	121.24 8.30 -45.13	116.17 8.20 -36.71	176.01 9.39 -90.28	192.74 8.93 -110.16	268.03 4.08 -223.53	224.00 5.55 -169.81	207.85 5.10 -159.21	180.62 10.93 -76.62	141.23 12.76 -21.25	81.24 8.63 -5.20	102.98 11.25 -6.72
HOLTSVILLE_IC_8 23697	114.54 7.85 -44.40	195.32 10.28 -94.31	121.57 12.49 -11.40	91.56 10.17 0.00	89.00 10.05 -1.22	96.25 7.36 -34.21	137.99 5.92 -86.61	168.12 15.38 -27.33	174.27 7.96 -97.22	169.63 5.09 -119.77	161.36 4.19 -121.69	139.91 4.68 -97.17	117.87 3.58 -83.69	121.24 8.30 -45.13	116.17 8.20 -36.71	176.01 9.39 -90.28	192.74 8.93 -110.16	268.03 4.08 -223.53	224.00 5.55 -169.81	207.85 5.10 -159.21	180.62 10.93 -76.62	141.23 12.76 -21.25	81.24 8.63 -5.20	102.98 11.25 -6.72
HOLTSVILLE_IC_9 23698	114.54 7.85 -44.40	195.32 10.28 -94.31	121.57 12.49 -11.40	91.56 10.17 0.00	89.00 10.05 -1.22	96.25 7.36 -34.21	137.99 5.92 -86.61	168.12 15.38 -27.33	174.27 7.96 -97.22	169.63 5.09 -119.77	161.36 4.19 -121.69	139.91 4.68 -97.17	117.87 3.58 -83.69	121.24 8.30 -45.13	116.17 8.20 -36.71	176.01 9.39 -90.28	192.74 8.93 -110.16	268.03 4.08 -223.53	224.00 5.55 -169.81	207.85 5.10 -159.21	180.62 10.93 -76.62	141.23 12.76 -21.25	81.24 8.63 -5.20	102.98 11.25 -6.72
HOMER_HL_115KV_TB2 355744	60.63 -1.66 0.00	88.17 -2.88 -0.32	94.56 -3.12 0.00	79.02 -2.37 0.00	75.37 -2.60 -0.25	57.83 -2.35 -5.52	52.57 -2.53 -9.66	121.14 -5.37 -1.11	70.65 -3.37 -4.92	49.12 -1.84 -6.19	40.91 -1.63 -7.07	40.40 -1.59 -3.94	34.61 -1.14 -5.16	65.55 -2.22 0.05	68.05 -2.50 0.72	73.71 -3.24 -0.62	74.15 -2.59 -3.08	48.01 -1.83 -9.42	52.24 -2.23 -5.82	46.64 -1.89 -5.00	92.04 -3.70 -2.67	103.15 -5.13 -1.06	65.18 -2.57 -0.34	82.99 -2.02 0.00
HOWARD_WT_PWR 323690	58.08 -4.21 0.00	84.07 -7.02 -0.36	89.39 -8.29 0.00	74.58 -6.81 0.00	71.52 -6.48 -0.28	56.37 -4.51 -6.21	52.58 -3.75 -10.88	117.26 -9.40 -1.25	69.22 -5.45 -5.57	57.10 -3.53 -15.86	56.02 -3.15 -23.69	53.69 -3.44 -19.08	57.63 -2.80 -29.84	93.18 -6.49 -31.85	102.90 -6.91 -38.54	94.10 -7.92 -25.70	87.34 -6.49 -20.18	81.36 -3.38 -44.32	100.79 -3.89 -56.03	100.41 -3.32 -60.19	109.84 -7.78 -24.55	98.68 -10.03 -1.48	61.79 -6.00 -0.39	77.81 -7.20 0.00

HQ_GEN_CEDARS 23644	61.05 -1.24 0.00	88.87 -1.86 0.00	95.71 -1.97 0.00	79.58 -1.81 0.00	75.89 -1.84 0.00	53.21 -1.47 0.00	44.33 -1.12 0.00	123.02 -2.38 0.00	67.62 -1.47 0.00	43.55 -1.23 0.00	34.41 -1.07 0.00	37.03 -1.03 0.00	29.67 -0.92 0.00	66.07 -1.75 0.00	69.53 -1.74 0.00	74.43 -1.90 0.00	71.91 -1.75 0.00	22.99 -1.55 15.87	46.77 -1.88 0.00	41.93 -1.61 0.00	91.07 -2.00 0.00	105.97 -1.26 0.00	66.27 -1.14 0.00	83.64 -1.37 0.00
HQ_GEN_CEDARS_PROXY 323590	61.05 -1.24 0.00	88.87 -1.86 0.00	95.71 -1.97 0.00	79.58 -1.81 0.00	75.89 -1.84 0.00	53.21 -1.46 0.00	44.33 -1.12 0.00	123.02 -2.38 0.00	67.62 -1.47 0.00	43.56 -1.22 0.00	34.40 -1.07 0.00	37.04 -1.02 0.00	29.67 -0.93 0.00	66.10 -1.72 0.00	69.51 -1.75 0.00	74.44 -1.89 0.00	71.89 -1.76 0.00	22.98 -1.56 15.87	22.43 -1.88 24.34	22.05 -1.62 19.87	91.08 -1.99 0.00	105.97 -1.26 0.00	71.03 -1.14 -4.76	83.63 -1.38 0.00
HQ_GEN_IMPORT 323601	61.36 -0.93 0.00	89.40 -1.34 0.00	96.28 -1.40 0.00	80.09 -1.30 0.00	76.34 -1.39 0.00	53.53 -1.15 0.00	44.49 -0.95 0.00	123.25 -2.16 0.00	67.79 -1.30 0.00	43.78 -0.99 0.00	34.64 -0.83 0.00	37.27 -0.79 0.00	29.92 -0.68 0.00	66.55 -1.27 0.00	69.99 -1.27 0.00	74.87 -1.46 0.00	18.85 -1.48 53.32	5.71 -0.95 33.76	11.85 -1.13 35.67	42.55 -0.99 0.00	91.37 -1.70 0.00	105.60 -1.63 0.00	11.83 -1.28 54.31	83.40 -1.61 0.00
HQ_GEN_WHEEL 23651	61.36 -0.93 0.00	89.40 -1.34 0.00	96.28 -1.40 0.00	80.09 -1.30 0.00	76.34 -1.39 0.00	53.53 -1.15 0.00	44.49 -0.95 0.00	123.25 -2.16 0.00	67.79 -1.30 0.00	43.78 -0.99 0.00	34.64 -0.83 0.00	37.27 -0.79 0.00	29.92 -0.68 0.00	66.55 -1.27 0.00	69.99 -1.27 0.00	74.87 -1.46 0.00	18.85 -1.48 53.32	5.71 -0.95 33.76	11.85 -1.13 35.67	42.55 -0.99 0.00	91.37 -1.70 0.00	105.60 -1.63 0.00	11.83 -1.28 54.31	83.40 -1.61 0.00
HUDSON_AVE_GT_3 23810	69.00 6.16 -0.56	101.21 8.90 -1.58	106.99 9.31 0.00	89.25 7.86 0.00	86.64 7.68 -1.22	94.41 5.54 -34.20	120.33 4.59 -70.29	159.56 12.32 -21.84	173.23 6.96 -97.18	169.14 4.64 -119.72	157.31 3.67 -118.17	139.17 3.99 -97.13	117.46 3.22 -83.65	116.12 7.04 -41.26	115.26 7.30 -36.69	119.70 7.79 -35.58	170.33 7.44 -89.23	267.96 4.10 -223.45	223.36 4.96 -169.74	207.11 4.42 -159.15	179.02 9.37 -76.59	139.16 10.70 -21.24	79.42 6.81 -5.20	93.60 8.59 0.00
HUDSON_AVE_GT_4 23540	69.00 6.16 -0.56	101.21 8.90 -1.58	106.99 9.31 0.00	89.25 7.86 0.00	86.64 7.68 -1.22	94.41 5.54 -34.20	120.33 4.59 -70.29	159.56 12.32 -21.84	173.23 6.96 -97.18	169.14 4.64 -119.72	157.31 3.67 -118.17	139.17 3.99 -97.13	117.46 3.22 -83.65	116.12 7.04 -41.26	115.26 7.30 -36.69	119.70 7.79 -35.58	170.33 7.44 -89.23	267.96 4.10 -223.45	223.36 4.96 -169.74	207.11 4.42 -159.15	179.02 9.37 -76.59	139.16 10.70 -21.24	79.42 6.81 -5.20	93.60 8.59 0.00
HUDSON_AVE_GT_5 23657	69.00 6.16 -0.56	101.21 8.90 -1.58	106.99 9.31 0.00	89.25 7.86 0.00	86.64 7.68 -1.22	94.41 5.54 -34.20	120.33 4.59 -70.29	159.56 12.32 -21.84	173.23 6.96 -97.18	169.14 4.64 -119.72	157.31 3.67 -118.17	139.17 3.99 -97.13	117.46 3.22 -83.65	116.12 7.04 -41.26	115.26 7.30 -36.69	119.70 7.79 -35.58	170.33 7.44 -89.23	267.96 4.10 -223.45	223.36 4.96 -169.74	207.11 4.42 -159.15	179.02 9.37 -76.59	139.16 10.70 -21.24	79.42 6.81 -5.20	93.60 8.59 0.00
HUDSON_AVE_10 24168	68.70 5.85 -0.56	100.82 8.50 -1.58	106.53 8.85 0.00	88.88 7.49 0.00	86.28 7.33 -1.22	94.15 5.28 -34.20	120.13 4.39 -70.29	159.01 11.76 -21.84	172.91 6.64 -97.18	168.92 4.42 -119.72	157.08 3.44 -118.17	138.94 3.76 -97.13	117.28 3.03 -83.65	115.72 6.64 -41.26	114.84 6.89 -36.69	119.25 7.34 -35.58	169.88 7.00 -89.23	267.73 3.86 -223.45	223.07 4.68 -169.74	206.87 4.18 -159.15	178.50 8.84 -76.59	138.54 10.07 -21.24	79.05 6.44 -5.20	93.17 8.16 0.00
HUDSON___115KV_TB 4 355613	66.48 4.19 0.00	98.80 6.06 -2.01	104.18 6.50 0.00	86.76 5.37 0.00	84.22 4.94 -1.55	89.98 3.63 -31.68	99.66 3.15 -51.06	133.66 8.26 0.00	73.81 4.71 0.00	53.01 3.04 -5.19	54.11 2.18 -16.46	40.43 2.08 -0.30	56.91 1.71 -24.59	71.92 3.47 -0.63	75.29 3.37 -0.66	87.61 4.05 -7.23	79.03 4.45 -0.92	43.15 2.74 0.00	52.00 3.35 0.00	46.40 2.86 0.00	98.79 5.72 0.00	113.76 6.53 0.00	72.48 4.40 -0.66	90.50 5.48 0.00
HUNTER MOUNT___DRP 323613	66.90 4.61 0.00	99.32 6.64 -1.95	104.79 7.11 0.00	87.26 5.87 0.00	84.66 5.43 -1.50	90.51 4.02 -31.82	102.15 3.53 -53.17	137.60 9.49 -2.71	86.52 5.35 -12.07	67.55 3.39 -19.39	66.89 2.39 -29.02	52.46 2.25 -12.16	63.56 1.85 -31.12	76.82 3.75 -5.25	79.74 3.79 -4.69	90.96 4.58 -10.06	90.05 5.13 -11.26	71.32 3.15 -27.75	73.58 3.84 -21.08	66.59 3.28 -19.77	109.14 6.56 -9.51	117.18 7.31 -2.64	73.48 4.85 -1.22	90.97 5.96 0.00
HUNTINGTON_RES_REC 323705	114.30 7.61 -44.40	195.37 10.36 -94.27	121.04 11.97 -11.39	91.19 9.80 0.00	88.60 9.65 -1.22	95.94 7.06 -34.21	137.78 5.72 -86.61	167.42 14.69 -27.33	173.98 7.67 -97.22	169.46 4.92 -119.77	161.26 4.10 -121.69	139.81 4.58 -97.17	117.82 3.54 -83.69	121.04 8.09 -45.13	116.13 8.15 -36.71	175.80 9.19 -90.28	192.46 8.64 -110.16	268.10 4.15 -223.53	223.89 5.43 -169.81	207.70 4.95 -159.21	180.34 10.65 -76.62	141.00 12.52 -21.25	81.09 8.48 -5.20	102.59 10.86 -6.72
HUNTLEY___63 23557	57.61 -4.67 0.00	83.28 -7.71 -0.27	88.61 -9.07 0.00	74.08 -7.31 0.00	71.40 -6.53 -0.20	54.59 -4.66 -4.58	49.09 -4.38 -8.01	115.39 -10.92 -0.91	66.60 -6.55 -4.06	43.98 -4.16 -3.36	34.66 -3.57 -2.76	34.77 -3.66 -0.37	27.25 -2.91 0.44	55.19 -6.32 6.31	56.13 -6.82 8.32	64.74 -7.20 4.39	66.61 -6.31 0.74	37.98 -3.59 -1.16	39.76 -3.98 4.91	33.43 -3.52 6.59	82.89 -8.14 2.03	97.22 -10.82 -0.82	61.48 -6.21 -0.28	78.45 -6.56 0.00
HUNTLEY___64 23558	57.61 -4.67 0.00	83.28 -7.71 -0.27	88.61 -9.07 0.00	74.08 -7.31 0.00	71.40 -6.53 -0.20	54.59 -4.66 -4.58	49.09 -4.38 -8.01	115.39 -10.92 -0.91	66.60 -6.55 -4.06	43.98 -4.16 -3.36	34.66 -3.57 -2.76	34.77 -3.66 -0.37	27.25 -2.91 0.44	55.19 -6.32 6.31	56.13 -6.82 8.32	64.74 -7.20 4.39	66.61 -6.31 0.74	37.98 -3.59 -1.16	39.76 -3.98 4.91	33.43 -3.52 6.59	82.89 -8.14 2.03	97.22 -10.82 -0.82	61.48 -6.21 -0.28	78.45 -6.56 0.00
HUNTLEY___65 23559	57.61 -4.67 0.00	83.28 -7.71 -0.27	88.61 -9.07 0.00	74.08 -7.31 0.00	71.40 -6.53 -0.20	54.59 -4.66 -4.58	49.09 -4.38 -8.01	115.39 -10.92 -0.91	66.60 -6.55 -4.06	43.98 -4.16 -3.36	34.66 -3.57 -2.76	34.77 -3.66 -0.37	27.25 -2.91 0.44	55.19 -6.32 6.31	56.13 -6.82 8.32	64.74 -7.20 4.39	66.61 -6.31 0.74	37.98 -3.59 -1.16	39.76 -3.98 4.91	33.43 -3.52 6.59	82.89 -8.14 2.03	97.22 -10.82 -0.82	61.48 -6.21 -0.28	78.45 -6.56 0.00
HUNTLEY___66 23560	57.61 -4.67 0.00	83.28 -7.71 -0.27	88.61 -9.07 0.00	74.08 -7.31 0.00	71.40 -6.53 -0.20	54.59 -4.66 -4.58	49.09 -4.38 -8.01	115.39 -10.92 -0.91	66.60 -6.55 -4.06	43.98 -4.16 -3.36	34.66 -3.57 -2.76	34.77 -3.66 -0.37	27.25 -2.91 0.44	55.19 -6.32 6.31	56.13 -6.82 8.32	64.74 -7.20 4.39	66.61 -6.31 0.74	37.98 -3.59 -1.16	39.76 -3.98 4.91	33.43 -3.52 6.59	82.89 -8.14 2.03	97.22 -10.82 -0.82	61.48 -6.21 -0.28	78.45 -6.56 0.00

HUNTLEY___67 23561	57.36 -4.92 0.00	82.94 -8.06 -0.27	88.32 -9.36 0.00	73.82 -7.57 0.00	71.11 -6.83 -0.21	54.45 -4.89 -4.66	49.05 -4.57 -8.16	114.81 -11.52 -0.93	66.37 -6.86 -4.14	43.47 -4.40 -3.10	33.93 -3.77 -2.23	34.04 -3.85 0.16	26.21 -3.05 1.34	53.64 -6.56 7.61	54.26 -7.07 9.94	63.38 -7.55 5.41	65.69 -6.59 1.37	36.54 -3.81 0.07	37.45 -4.35 6.85	30.91 -3.87 8.75	81.60 -8.60 2.87	96.85 -11.20 -0.82	61.19 -6.50 -0.29	77.93 -7.08 0.00
HUNTLEY___68 23562	57.36 -4.92 0.00	82.94 -8.06 -0.27	88.32 -9.36 0.00	73.82 -7.57 0.00	71.11 -6.83 -0.21	54.45 -4.89 -4.66	49.05 -4.57 -8.16	114.81 -11.52 -0.93	66.37 -6.86 -4.14	43.47 -4.40 -3.10	33.93 -3.77 -2.23	34.04 -3.85 0.16	26.21 -3.05 1.34	53.64 -6.56 7.61	54.26 -7.07 9.94	63.38 -7.55 5.41	65.69 -6.59 1.37	36.54 -3.81 0.07	37.45 -4.35 6.85	30.91 -3.87 8.75	81.60 -8.60 2.87	96.85 -11.20 -0.82	61.19 -6.50 -0.29	77.93 -7.08 0.00
HYLAND___LFGE 323620	62.62 0.34 0.00	90.73 -0.30 -0.30	96.91 -0.77 0.00	80.90 -0.49 0.00	77.75 -0.21 -0.23	59.83 0.04 -5.12	54.65 0.24 -8.96	128.45 2.03 -1.03	74.44 0.79 -4.56	60.14 0.13 -15.23	58.45 -0.42 -23.40	56.46 -0.93 -19.33	60.22 -0.93 -30.55	99.32 -2.68 -34.18	109.51 -3.29 -41.54	100.56 -3.17 -27.40	93.95 -0.47 -20.76	85.63 0.40 -44.82	107.86 0.79 -58.42	107.49 0.84 -63.12	119.68 1.04 -25.57	108.11 -0.40 -1.29	67.48 -0.25 -0.32	85.06 0.05 0.00
INDECK___CORINTH 23802	64.79 2.51 0.00	96.72 3.85 -2.14	101.88 4.20 0.00	85.00 3.62 0.00	83.21 3.83 -1.65	90.94 2.94 -33.33	101.03 2.59 -52.99	130.78 6.42 1.05	68.06 3.64 4.67	47.17 2.42 0.02	49.79 1.81 -12.50	35.61 1.78 4.23	55.59 1.52 -23.47	69.91 3.16 1.07	74.10 3.64 0.81	87.46 4.53 -6.60	75.10 4.40 2.95	32.14 2.46 10.73	43.53 3.03 8.15	38.47 2.57 7.64	94.26 4.87 3.68	111.60 5.39 1.02	71.28 3.39 -0.48	88.88 3.87 0.00
INDECK___ILION 23567	63.52 1.24 0.00	92.55 1.82 0.00	99.66 1.98 0.00	83.07 1.68 0.00	79.43 1.70 0.00	56.04 1.37 0.00	46.61 1.16 0.00	128.09 2.69 0.00	70.62 1.52 0.00	45.80 1.02 0.00	36.22 0.74 0.00	38.74 0.69 0.00	31.21 0.61 0.00	69.01 1.19 0.00	72.54 1.27 0.00	77.99 1.67 0.00	75.41 1.76 0.00	43.03 1.06 -1.56	49.96 1.31 0.00	44.67 1.14 0.00	95.27 2.20 0.00	109.67 2.44 0.00	69.06 1.65 0.00	86.88 1.87 0.00
INDECK___OLEAN 23982	60.62 -1.67 0.00	88.19 -2.86 -0.32	94.55 -3.12 0.00	79.02 -2.37 0.00	75.37 -2.60 -0.25	57.83 -2.35 -5.52	52.54 -2.56 -9.66	121.16 -5.35 -1.11	70.83 -3.19 -4.92	49.11 -1.86 -6.19	40.99 -1.55 -7.07	40.48 -1.51 -3.94	34.68 -1.08 -5.16	65.70 -2.07 0.05	68.24 -2.31 0.72	73.72 -3.23 -0.62	74.40 -2.34 -3.08	48.10 -1.74 -9.42	52.51 -1.96 -5.82	47.00 -1.53 -5.00	92.13 -3.61 -2.67	103.20 -5.09 -1.06	65.19 -2.56 -0.34	82.98 -2.03 0.00
INDECK___OSWEGO 23783	59.46 -2.83 0.00	86.91 -3.94 -0.12	93.43 -4.25 0.00	77.88 -3.52 0.00	74.58 -3.24 -0.09	54.39 -2.19 -1.91	46.75 -1.77 -3.07	120.55 -4.85 0.00	66.49 -2.60 0.00	43.40 -1.69 -0.31	35.18 -1.29 -0.99	36.63 -1.43 0.00	30.86 -1.15 -1.42	65.11 -2.71 0.00	68.33 -2.93 0.00	73.59 -3.12 -0.38	70.87 -2.79 0.00	37.78 -1.46 1.17	46.85 -1.81 0.00	41.92 -1.62 0.00	89.42 -3.65 0.00	102.77 -4.45 0.00	64.71 -2.74 -0.04	81.48 -3.53 0.00
INDECK___YERKES 23781	57.67 -4.61 0.00	83.39 -7.60 -0.27	88.70 -8.98 0.00	74.16 -7.23 0.00	71.46 -6.47 -0.20	54.64 -4.61 -4.58	49.12 -4.34 -8.01	115.55 -10.76 -0.91	66.89 -6.26 -4.06	44.00 -4.14 -3.36	34.81 -3.42 -2.76	34.91 -3.51 -0.37	27.34 -2.81 0.44	55.46 -6.05 6.31	56.46 -6.48 8.32	64.87 -7.07 4.39	67.02 -5.90 0.74	38.14 -3.43 -1.16	39.97 -3.77 4.91	33.71 -3.24 6.59	83.11 -7.93 2.03	97.40 -10.64 -0.82	61.55 -6.15 -0.28	78.51 -6.50 0.00
INDIAN POINT_GT_1 24139	68.13 5.18 -0.66	99.85 7.55 -1.57	105.73 8.05 0.00	88.24 6.85 0.00	85.64 6.71 -1.21	93.31 4.85 -33.79	118.83 4.01 -69.38	157.45 10.58 -21.47	170.59 5.95 -95.54	166.46 3.95 -117.73	154.88 3.14 -116.27	136.84 3.38 -95.41	115.40 2.71 -82.10	114.12 5.91 -40.39	113.29 6.13 -35.89	117.71 6.62 -34.75	167.51 6.38 -87.48	263.66 3.56 -219.69	219.83 4.30 -166.88	203.84 3.83 -156.47	176.41 8.04 -75.30	137.32 9.22 -20.88	78.40 5.88 -5.12	92.37 7.36 0.00
INDIAN POINT_GT_2 23659	68.13 5.18 -0.66	99.85 7.55 -1.57	105.73 8.05 0.00	88.24 6.85 0.00	85.64 6.71 -1.21	93.31 4.85 -33.79	118.83 4.01 -69.38	157.45 10.58 -21.47	170.59 5.95 -95.54	166.46 3.95 -117.73	154.88 3.14 -116.27	136.84 3.38 -95.41	115.40 2.71 -82.10	114.12 5.91 -40.39	113.29 6.13 -35.89	117.71 6.62 -34.75	167.51 6.38 -87.48	263.66 3.56 -219.69	219.83 4.30 -166.88	203.84 3.83 -156.47	176.41 8.04 -75.30	137.32 9.22 -20.88	78.40 5.88 -5.12	92.37 7.36 0.00
INDIAN POINT_GT_3 24019	68.13 5.18 -0.66	99.85 7.55 -1.57	105.73 8.05 0.00	88.24 6.85 0.00	85.64 6.71 -1.21	93.31 4.85 -33.79	118.83 4.01 -69.38	157.45 10.58 -21.47	170.59 5.95 -95.54	166.46 3.95 -117.73	154.88 3.14 -116.27	136.84 3.38 -95.41	115.40 2.71 -82.10	114.12 5.91 -40.39	113.29 6.13 -35.89	117.71 6.62 -34.75	167.51 6.38 -87.48	263.66 3.56 -219.69	219.83 4.30 -166.88	203.84 3.83 -156.47	176.41 8.04 -75.30	137.32 9.22 -20.88	78.40 5.88 -5.12	92.37 7.36 0.00
INDIAN POINT___2 23530	68.21 5.02 -0.90	99.58 7.30 -1.55	105.49 7.81 0.00	88.03 6.64 0.00	85.43 6.51 -1.19	92.61 4.71 -33.22	117.45 3.89 -68.11	156.59 10.23 -20.96	168.08 5.71 -93.28	163.59 3.84 -114.97	152.12 3.01 -113.63	134.35 3.21 -93.07	113.27 2.59 -80.08	112.75 5.65 -39.28	112.02 5.88 -34.88	116.43 6.36 -33.74	164.89 6.06 -85.17	258.28 3.39 -214.47	215.62 4.05 -162.92	199.89 3.59 -152.76	174.33 7.75 -73.51	136.49 8.88 -20.39	78.09 5.68 -5.00	92.11 7.10 0.00
INDIAN POINT___3 23531	68.01 5.05 -0.68	99.68 7.37 -1.57	105.54 7.85 0.00	88.09 6.70 0.00	85.49 6.55 -1.21	93.22 4.73 -33.82	118.80 3.90 -69.44	157.16 10.26 -21.50	170.52 5.76 -95.67	166.50 3.84 -117.89	154.95 3.07 -116.41	136.87 3.28 -95.53	115.40 2.63 -82.17	114.01 5.76 -40.43	113.15 5.95 -35.93	117.53 6.43 -34.78	167.38 6.16 -87.57	263.83 3.44 -219.98	219.91 4.16 -167.10	203.92 3.70 -156.68	176.23 7.76 -75.40	137.04 8.90 -20.91	78.27 5.74 -5.12	92.12 7.11 0.00
INGHAM_C_115KV_TB7 356103	64.34 2.06 0.00	93.81 3.08 0.00	100.94 3.26 0.00	84.18 2.79 0.00	80.54 2.82 0.00	56.99 2.32 0.00	47.42 1.97 0.00	129.84 4.44 0.00	71.52 2.42 0.00	46.37 1.60 0.00	36.54 1.07 0.00	38.97 0.92 0.00	31.47 0.88 0.00	69.42 1.60 0.00	73.00 1.74 0.00	78.89 2.56 0.00	76.51 2.86 0.00	43.76 1.79 -1.56	50.85 2.20 0.00	45.44 1.90 0.00	96.74 3.67 0.00	111.36 4.13 0.00	70.17 2.76 0.00	88.12 3.10 0.00
IP CORINTH___1 23988	65.14 2.86 0.00	97.21 4.33 -2.14	102.38 4.70 0.00	85.45 4.06 0.00	83.62 4.24 -1.65	91.23 3.23 -33.33	101.28 2.84 -52.99	131.46 7.11 1.05	68.46 4.03 4.67	47.42 2.67 0.02	49.99 2.02 -12.50	35.82 2.00 4.23	55.75 1.68 -23.47	70.28 3.53 1.07	74.49 4.03 0.81	87.86 4.92 -6.60	75.50 4.81 2.95	32.36 2.67 10.73	43.79 3.30 8.15	38.71 2.81 7.64	94.77 5.38 3.68	112.17 5.97 1.02	71.64 3.75 -0.48	89.33 4.32 0.00

IP__TICONDEROGA 23804	67.34 5.06 0.00	100.96 8.09 -2.14	106.47 8.78 0.00	88.96 7.57 0.00	87.51 8.13 -1.65	94.14 6.16 -33.31	103.62 5.19 -52.99	137.37 12.98 1.00	72.05 7.44 4.48	50.11 5.13 -0.20	52.12 3.96 -12.69	37.76 3.75 4.04	57.29 3.12 -23.57	73.47 6.63 0.99	78.33 7.80 0.74	92.27 9.29 -6.66	79.78 8.90 2.78	34.81 4.68 10.29	46.68 5.84 7.82	41.24 5.04 7.33	98.81 9.27 3.53	116.53 10.29 0.98	74.48 6.58 -0.49	92.25 7.24 0.00
ISLIP_RES_REC 323679	114.85 8.16 -44.40	195.68 10.73 -94.22	121.99 12.93 -11.37	91.94 10.55 0.00	89.37 10.42 -1.22	96.52 7.63 -34.21	138.24 6.17 -86.61	168.85 16.11 -27.33	174.67 8.35 -97.22	169.88 5.34 -119.77	161.54 4.38 -121.69	140.12 4.89 -97.17	118.04 3.76 -83.69	121.61 8.66 -45.13	116.54 8.56 -36.71	176.45 9.84 -90.28	193.20 9.38 -110.16	268.29 4.34 -223.53	224.32 5.87 -169.81	208.14 5.39 -159.21	181.19 11.50 -76.62	141.83 13.36 -21.25	81.59 8.98 -5.20	103.39 11.66 -6.72
JAMAICA__27_KV_LOAD 355505	69.12 6.27 -0.56	101.46 9.15 -1.58	107.15 9.47 0.00	89.41 8.02 0.00	86.80 7.85 -1.22	94.50 5.63 -34.20	120.47 4.73 -70.29	160.10 12.85 -21.84	173.36 7.08 -97.18	169.18 4.69 -119.72	157.17 3.53 -118.17	139.05 3.86 -97.13	117.38 3.13 -83.65	115.92 6.83 -41.26	115.07 7.11 -36.69	119.48 7.57 -35.58	170.14 7.26 -89.23	267.91 4.05 -223.45	223.31 4.91 -169.74	207.08 4.39 -159.15	178.90 9.24 -76.59	138.94 10.48 -21.24	79.44 6.83 -5.20	93.67 8.66 0.00
JANIS__SOLAR 323808	64.27 1.99 0.00	93.79 2.60 -0.46	100.49 2.80 0.00	83.94 2.55 0.00	80.56 2.48 -0.35	64.56 1.96 -7.93	61.34 1.98 -13.91	133.51 6.49 -1.61	79.51 3.23 -7.18	56.50 1.99 -9.73	48.27 1.26 -11.54	46.06 1.06 -6.95	41.00 0.98 -9.42	72.67 2.30 -2.56	76.15 2.69 -2.20	82.50 3.23 -2.94	83.34 3.80 -5.88	59.08 2.15 -16.52	63.75 2.54 -12.55	57.60 2.29 -11.77	103.35 4.62 -5.66	112.97 4.18 -1.57	70.23 2.32 -0.50	88.14 3.13 0.00
JARVIS____ 23743	62.77 0.48 0.00	91.45 0.72 0.00	98.46 0.78 0.00	82.04 0.65 0.00	78.42 0.70 0.00	55.22 0.55 0.00	45.86 0.41 0.00	126.39 0.99 0.00	69.68 0.59 0.00	45.19 0.41 0.00	35.82 0.34 0.00	38.39 0.33 0.00	30.88 0.28 0.00	68.36 0.54 0.00	71.83 0.56 0.00	76.96 0.63 0.00	74.27 0.61 0.00	42.33 0.36 -1.56	49.10 0.44 0.00	43.92 0.38 0.00	93.81 0.74 0.00	108.09 0.86 0.00	68.07 0.66 0.00	85.78 0.77 0.00
JENNISON__1 23625	63.21 0.92 0.00	92.48 1.16 -0.59	99.10 1.42 0.00	82.68 1.29 0.00	79.46 1.28 -0.45	65.91 1.09 -10.14	64.45 1.21 -17.79	131.63 4.15 -2.08	80.35 2.00 -9.26	58.66 1.35 -12.53	51.21 0.90 -14.84	47.83 0.81 -8.96	43.40 0.71 -12.09	72.75 1.64 -3.30	76.03 1.93 -2.83	82.30 2.19 -3.79	83.75 2.51 -7.58	63.05 1.34 -21.29	66.43 1.60 -16.17	60.13 1.43 -15.16	103.20 2.83 -7.29	111.58 2.34 -2.02	69.24 1.19 -0.64	86.66 1.65 0.00
JENNISON__2 23626	63.21 0.92 0.00	92.48 1.16 -0.59	99.10 1.42 0.00	82.68 1.29 0.00	79.46 1.28 -0.45	65.91 1.09 -10.14	64.45 1.21 -17.79	131.63 4.15 -2.08	80.35 2.00 -9.26	58.66 1.35 -12.53	51.21 0.90 -14.84	47.83 0.81 -8.96	43.40 0.71 -12.09	72.75 1.64 -3.30	76.03 1.93 -2.83	82.30 2.19 -3.79	83.75 2.51 -7.58	63.05 1.34 -21.29	66.43 1.60 -16.17	60.13 1.43 -15.16	103.20 2.83 -7.29	111.58 2.34 -2.02	69.24 1.19 -0.64	86.66 1.65 0.00
JERICHO_RISE_WT_PWR 323719	59.82 -2.47 0.00	87.20 -3.53 0.00	93.84 -3.84 0.00	77.96 -3.43 0.00	74.28 -3.45 0.00	51.98 -2.69 0.00	47.56 -2.16 -4.28	129.73 -5.29 -9.63	67.14 -3.04 -1.09	42.64 -2.13 0.00	33.72 -1.76 0.00	36.28 -1.78 0.00	29.06 -1.54 0.00	68.51 -3.14 -3.83	68.17 -3.10 0.00	73.25 -3.08 0.00	70.51 -3.14 0.00	22.40 -2.00 16.02	46.27 -2.38 0.00	41.47 -2.07 0.00	90.15 -3.87 -0.96	103.70 -3.52 0.00	65.11 -2.31 0.00	82.04 -2.97 0.00
KATONAH__115KV_46KV_TB4 355592	68.58 5.95 -0.34	101.00 8.67 -1.60	106.92 9.24 0.00	89.20 7.81 0.00	86.61 7.65 -1.24	94.84 5.52 -34.65	121.33 4.63 -71.25	159.91 12.33 -22.18	174.67 6.90 -98.68	170.89 4.57 -121.55	159.05 3.62 -119.95	140.45 3.79 -98.60	118.42 3.04 -84.79	116.24 6.58 -41.83	115.32 6.86 -37.19	119.78 7.43 -36.02	171.35 7.17 -90.51	271.32 4.01 -226.89	225.86 4.85 -172.36	209.45 4.31 -161.61	179.88 9.04 -77.77	139.06 10.26 -21.57	79.39 6.70 -5.28	93.35 8.34 0.00
KCE_NY_1 323755	65.86 3.57 0.00	98.14 5.27 -2.14	103.25 5.57 0.00	86.17 4.78 0.00	84.24 4.87 -1.65	91.55 3.60 -33.28	101.54 3.11 -52.98	132.43 7.97 0.94	69.31 4.42 4.21	48.15 2.86 -0.51	50.64 2.22 -12.95	36.50 2.22 3.77	56.24 1.93 -23.71	71.00 4.05 0.87	75.05 4.41 0.63	88.52 5.46 -6.73	76.29 5.16 2.53	33.71 2.96 9.67	44.93 3.63 7.34	39.66 3.01 6.89	95.78 6.03 3.31	113.10 6.80 0.92	72.24 4.33 -0.50	90.37 5.36 0.00
KCE_NY_6_ESR 323823	58.41 -3.88 0.00	84.43 -6.58 -0.28	89.92 -7.77 0.00	75.16 -6.23 0.00	72.32 -5.62 -0.22	55.49 -4.05 -4.87	50.16 -3.82 -8.52	117.05 -9.32 -0.97	67.97 -5.46 -4.33	44.41 -3.61 -3.24	34.76 -3.05 -2.34	34.78 -3.12 0.16	26.77 -2.44 1.39	54.61 -5.27 7.94	55.22 -5.68 10.36	64.38 -6.31 5.64	67.15 -5.08 1.42	37.40 -2.97 0.05	38.23 -3.30 7.12	31.60 -2.84 9.09	83.17 -6.91 2.98	98.75 -9.33 -0.86	62.38 -5.34 -0.30	79.32 -5.69 0.00
KEDC_PORT_JEFF_GT2 24210	114.48 7.79 -44.40	195.37 10.28 -94.36	121.37 12.28 -11.41	91.27 9.88 0.00	88.69 9.74 -1.22	95.97 7.09 -34.21	137.73 5.67 -86.61	167.28 14.54 -27.33	173.83 7.51 -97.22	169.34 4.80 -119.77	161.18 4.02 -121.69	139.79 4.57 -97.17	117.82 3.54 -83.69	121.16 8.21 -45.13	116.09 8.11 -36.71	175.89 9.27 -90.28	192.45 8.63 -110.16	267.87 3.92 -223.53	223.73 5.27 -169.81	207.58 4.83 -159.21	180.10 10.41 -76.62	140.72 12.25 -21.25	81.07 8.45 -5.20	102.83 11.10 -6.72
KEDC_PORT_JEFF_GT3 24211	114.48 7.79 -44.40	195.37 10.28 -94.36	121.37 12.28 -11.41	91.27 9.88 0.00	88.69 9.74 -1.22	95.97 7.09 -34.21	137.73 5.67 -86.61	167.28 14.54 -27.33	173.83 7.51 -97.22	169.34 4.80 -119.77	161.18 4.02 -121.69	139.79 4.57 -97.17	117.82 3.54 -83.69	121.16 8.21 -45.13	116.09 8.11 -36.71	175.89 9.27 -90.28	192.45 8.63 -110.16	267.87 3.92 -223.53	223.73 5.27 -169.81	207.58 4.83 -159.21	180.10 10.41 -76.62	140.72 12.25 -21.25	81.07 8.45 -5.20	102.83 11.10 -6.72
KEDC_GLWD_GT4 24219	113.27 6.58 -44.40	174.58 9.50 -74.35	113.75 10.27 -5.80	89.96 8.57 0.00	87.35 8.41 -1.22	94.96 6.08 -34.21	137.12 5.05 -86.61	166.11 13.37 -27.33	173.58 7.27 -97.22	169.22 4.68 -119.77	161.00 3.83 -121.69	139.34 4.12 -97.17	117.65 3.37 -83.69	120.43 7.49 -45.13	115.72 7.74 -36.71	175.06 8.44 -90.29	191.83 8.02 -110.16	267.94 3.99 -223.53	223.36 4.90 -169.81	207.24 4.49 -159.21	179.63 9.94 -76.62	140.12 11.64 -21.25	80.06 7.45 -5.20	101.05 9.32 -6.72
KEDC_GLWD_GT5 24220	113.27 6.58 -44.40	174.58 9.50 -74.35	113.75 10.27 -5.80	89.96 8.57 0.00	87.35 8.41 -1.22	94.96 6.08 -34.21	137.12 5.05 -86.61	166.11 13.37 -27.33	173.58 7.27 -97.22	169.22 4.68 -119.77	161.00 3.83 -121.69	139.34 4.12 -97.17	117.65 3.37 -83.69	120.43 7.49 -45.13	115.72 7.74 -36.71	175.06 8.44 -90.29	191.83 8.02 -110.16	267.94 3.99 -223.53	223.36 4.90 -169.81	207.24 4.49 -159.21	179.63 9.94 -76.62	140.12 11.64 -21.25	80.06 7.45 -5.20	101.05 9.32 -6.72

KENSICO____ 23655	68.36 5.47 -0.61	100.25 7.94 -1.58	106.14 8.45 0.00	88.58 7.19 0.00	85.97 7.02 -1.22	93.86 5.07 -34.12	119.77 4.21 -70.12	158.32 11.15 -21.77	172.21 6.24 -96.87	168.27 4.15 -119.35	156.60 3.31 -117.81	138.40 3.56 -96.79	116.76 2.86 -83.30	115.13 6.25 -41.06	114.26 6.49 -36.50	118.69 6.99 -35.37	169.22 6.72 -88.84	266.87 3.71 -222.74	222.36 4.50 -169.20	206.19 4.01 -158.65	177.83 8.41 -76.35	138.04 9.64 -21.17	78.78 6.18 -5.18	92.73 7.72 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	69.14 6.98 0.13	102.39 10.14 -1.52	108.50 10.82 0.00	90.55 9.16 0.00	87.89 8.99 -1.17	92.13 6.53 -30.93	112.40 5.59 -61.36	157.22 15.27 -16.55	151.11 8.37 -73.65	141.89 5.57 -91.55	132.01 4.29 -92.24	114.80 4.37 -72.37	95.90 3.31 -61.99	102.90 7.08 -28.00	103.28 7.62 -24.39	108.11 8.82 -22.96	145.43 8.91 -62.86	214.86 5.10 -169.34	183.46 6.17 -128.63	169.64 5.49 -120.61	162.55 11.44 -58.04	136.17 12.84 -16.10	79.44 7.99 -4.04	94.86 9.85 0.00
KIAC_JFK_GT1 23816	68.45 5.60 -0.56	100.60 8.29 -1.58	106.24 8.56 0.00	88.66 7.27 0.00	86.07 7.12 -1.22	93.91 5.04 -34.20	119.97 4.23 -70.29	158.62 11.38 -21.84	172.60 6.32 -97.18	168.69 4.19 -119.72	156.78 3.14 -118.17	138.65 3.47 -97.13	117.05 2.80 -83.65	115.19 6.11 -41.26	114.29 6.33 -36.69	118.66 6.75 -35.58	169.33 6.45 -89.23	267.45 3.58 -223.45	222.74 4.34 -169.74	206.57 3.88 -159.15	177.84 8.17 -76.59	137.76 9.29 -21.24	78.69 6.08 -5.20	92.73 7.72 0.00
KIAC_JFK_GT2 23817	68.45 5.60 -0.56	100.60 8.29 -1.58	106.24 8.56 0.00	88.66 7.27 0.00	86.07 7.12 -1.22	93.91 5.04 -34.20	119.97 4.23 -70.29	158.62 11.38 -21.84	172.60 6.32 -97.18	168.69 4.19 -119.72	156.78 3.14 -118.17	138.65 3.47 -97.13	117.05 2.80 -83.65	115.19 6.11 -41.26	114.29 6.33 -36.69	118.66 6.75 -35.58	169.33 6.45 -89.23	267.45 3.58 -223.45	222.74 4.34 -169.74	206.57 3.88 -159.15	177.84 8.17 -76.59	137.76 9.29 -21.24	78.69 6.08 -5.20	92.73 7.72 0.00
KIAC_JFK____ 323774	68.45 5.60 -0.56	100.60 8.29 -1.58	106.24 8.56 0.00	88.66 7.27 0.00	86.07 7.12 -1.22	93.91 5.04 -34.20	119.97 4.23 -70.29	158.57 11.33 -21.84	172.54 6.26 -97.18	168.69 4.20 -119.72	156.74 3.10 -118.17	138.59 3.40 -97.13	117.02 2.77 -83.65	115.11 6.03 -41.26	114.23 6.28 -36.69	118.64 6.73 -35.58	169.25 6.37 -89.23	267.40 3.54 -223.45	222.65 4.26 -169.74	206.48 3.78 -159.15	177.81 8.15 -76.59	137.75 9.29 -21.24	78.69 6.08 -5.20	92.73 7.72 0.00
KINTIGH____ 23543	57.54 -4.75 0.00	83.37 -7.60 -0.23	89.00 -8.69 0.00	74.34 -7.05 0.00	71.51 -6.40 -0.18	54.16 -4.54 -4.03	48.31 -4.19 -7.05	115.57 -10.63 -0.80	66.36 -6.30 -3.56	44.30 -4.04 -3.57	35.60 -3.39 -3.52	35.89 -3.51 -1.34	29.12 -2.78 -1.31	58.54 -5.97 3.30	60.29 -6.42 4.55	67.40 -6.83 2.10	68.15 -6.03 -0.52	40.21 -3.57 -3.36	43.67 -4.11 0.87	37.87 -3.67 1.99	84.79 -8.00 0.28	97.67 -10.29 -0.74	61.65 -6.01 -0.25	78.37 -6.64 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	61.06 -1.22 0.00	89.16 -1.57 0.00	95.81 -1.87 0.00	79.58 -1.81 0.00	75.83 -1.90 0.00	52.97 -1.71 0.00	80.67 -1.33 -36.55	204.66 -3.03 -82.28	76.66 -1.73 -9.29	43.50 -1.27 0.00	34.38 -1.09 0.00	36.91 -1.15 0.00	29.60 -0.99 0.00	98.48 -2.06 -32.71	69.44 -1.83 0.00	74.78 -1.55 0.00	72.02 -1.63 0.00	23.16 -1.19 16.07	47.26 -1.39 0.00	42.37 -1.17 0.00	99.01 -2.25 -8.19	105.49 -1.74 0.00	66.32 -1.09 0.00	83.73 -1.28 0.00
LACHUTE__HYDRO 323717	67.34 5.05 0.00	100.96 8.09 -2.14	106.47 8.79 0.00	88.96 7.56 0.00	87.51 8.13 -1.65	94.14 6.16 -33.31	103.62 5.18 -52.99	137.38 12.99 1.00	72.05 7.43 4.48	50.11 5.13 -0.20	52.11 3.95 -12.69	37.75 3.74 4.04	57.29 3.13 -23.57	73.48 6.65 0.99	78.34 7.81 0.74	92.27 9.28 -6.66	79.78 8.90 2.78	34.81 4.69 10.29	46.66 5.82 7.82	41.24 5.03 7.33	98.83 9.28 3.53	116.53 10.29 0.98	74.48 6.58 -0.49	92.25 7.24 0.00
LAWRNCALV_115KV_TB1 80681	59.85 -2.44 0.00	87.12 -3.61 0.00	93.92 -3.76 0.00	78.10 -3.30 0.00	74.52 -3.21 0.00	52.28 -2.40 0.00	43.63 -1.81 0.00	121.26 -4.14 0.00	66.67 -2.42 0.00	42.87 -1.90 0.00	33.84 -1.63 0.00	36.37 -1.68 0.00	29.11 -1.48 0.00	64.79 -3.03 0.00	68.15 -3.12 0.00	72.98 -3.35 0.00	70.74 -2.91 0.00	22.82 -2.13 15.47	46.09 -2.56 0.00	41.30 -2.24 0.00	89.75 -3.32 0.00	105.12 -2.11 0.00	65.99 -1.42 0.00	83.38 -1.63 0.00
LEDERLE____ 23769	66.49 5.06 0.86	99.64 7.39 -1.52	105.55 7.87 0.00	88.11 6.72 0.00	85.49 6.58 -1.18	92.11 4.78 -32.66	116.26 4.05 -66.77	156.57 10.75 -20.42	165.97 6.02 -90.85	160.80 4.00 -112.03	149.54 3.10 -110.97	129.12 3.30 -87.76	101.24 2.64 -68.01	105.39 5.76 -31.81	104.48 5.98 -27.23	105.80 6.45 -23.02	153.48 6.21 -73.62	253.14 3.49 -209.23	211.78 4.19 -158.94	196.31 3.75 -149.03	172.67 7.88 -71.72	136.12 9.01 -19.89	78.05 5.76 -4.88	92.14 7.13 0.00
LIGHTHSE_115KV_TB6 355974	60.41 -1.88 0.00	88.11 -2.74 -0.12	94.95 -2.74 0.00	79.07 -2.31 0.00	75.77 -2.05 -0.09	55.26 -1.27 -1.85	47.52 -0.92 -2.99	123.38 -2.02 0.00	68.01 -1.09 0.00	44.27 -0.81 -0.30	35.73 -0.70 -0.96	37.14 -0.92 0.00	31.22 -0.75 -1.38	65.96 -1.86 0.00	69.12 -2.14 0.00	74.41 -2.29 -0.37	71.97 -1.69 0.00	36.22 -0.78 3.42	47.71 -0.95 0.00	42.69 -0.85 0.00	91.41 -1.67 0.00	105.25 -1.98 0.00	66.17 -1.28 -0.04	83.21 -1.80 0.00
LINDEN COGEN____ 23786	67.98 5.52 -0.18	99.86 8.01 -1.13	105.86 8.33 0.15	88.31 7.06 0.14	85.88 6.93 -1.22	93.88 5.01 -34.20	119.79 4.14 -70.19	157.93 10.97 -21.56	164.64 6.16 -89.38	165.42 4.19 -116.46	141.45 3.24 -102.74	130.14 3.51 -88.57	117.13 2.89 -83.65	115.38 6.30 -41.26	114.49 6.53 -36.69	118.11 7.00 -34.78	166.96 6.58 -86.73	265.51 3.61 -221.48	220.79 4.35 -167.79	206.02 3.85 -158.63	178.13 8.47 -76.59	138.20 9.74 -21.24	78.80 6.20 -5.20	92.83 7.82 0.00
LINDHRST_69_KV_BK1 356055	114.74 8.05 -44.40	194.03 11.22 -92.08	121.09 12.64 -10.77	91.70 10.31 0.00	89.14 10.19 -1.22	96.29 7.41 -34.21	138.17 6.11 -86.61	168.91 16.18 -27.33	174.94 8.63 -97.22	170.03 5.49 -119.77	161.75 4.59 -121.69	140.19 4.97 -97.17	118.12 3.83 -83.69	121.68 8.73 -45.13	116.83 8.85 -36.71	176.52 9.91 -90.29	193.34 9.53 -110.16	268.69 4.74 -223.53	224.52 6.07 -169.80	208.27 5.53 -159.21	181.45 11.76 -76.62	142.14 13.67 -21.25	81.62 9.01 -5.20	103.11 11.38 -6.72
LIPA_MISC_IPP 23656	114.24 7.56 -44.40	195.08 9.92 -94.43	121.18 12.06 -11.43	91.24 9.85 0.00	88.72 9.77 -1.22	96.04 7.16 -34.21	137.75 5.69 -86.61	167.47 14.74 -27.33	173.93 7.62 -97.22	169.32 4.78 -119.77	161.06 3.89 -121.69	139.57 4.35 -97.17	117.51 3.22 -83.69	120.76 7.82 -45.13	115.41 7.43 -36.71	175.28 8.67 -90.28	192.21 8.40 -110.16	267.81 3.86 -223.53	223.66 5.20 -169.80	207.55 4.80 -159.21	179.86 10.18 -76.62	140.31 11.83 -21.25	80.72 8.11 -5.20	102.51 10.78 -6.72
LISF__SOLAR 323691	114.41 7.72 -44.40	195.23 10.10 -94.40	121.36 12.25 -11.43	91.40 10.01 0.00	88.88 9.93 -1.22	96.17 7.28 -34.21	137.85 5.79 -86.61	167.72 14.98 -27.33	174.02 7.71 -97.22	169.42 4.88 -119.77	161.06 3.89 -121.69	139.58 4.36 -97.17	117.54 3.25 -83.69	120.77 7.83 -45.13	115.45 7.48 -36.71	175.40 8.78 -90.28	192.20 8.39 -110.16	267.77 3.82 -223.53	223.70 5.24 -169.81	207.58 4.83 -159.21	180.06 10.37 -76.62	140.56 12.08 -21.25	80.86 8.25 -5.20	102.70 10.98 -6.72

LITTLE FALLS___HYD 24013	64.34 2.06 0.00	93.81 3.08 0.00	100.94 3.26 0.00	84.18 2.79 0.00	80.54 2.82 0.00	56.99 2.32 0.00	47.42 1.97 0.00	129.84 4.44 0.00	71.52 2.42 0.00	46.37 1.60 0.00	36.54 1.07 0.00	38.97 0.92 0.00	31.47 0.88 0.00	69.42 1.60 0.00	73.00 1.74 0.00	78.89 2.56 0.00	76.51 2.86 0.00	43.76 1.79 -1.56	50.85 2.20 0.00	45.44 1.90 0.00	96.74 3.67 0.00	111.36 4.13 0.00	70.17 2.76 0.00	88.12 3.10 0.00
LITTLRIV_115KV_TB1 356100	60.56 -1.72 0.00	88.16 -2.57 0.00	95.01 -2.67 0.00	79.00 -2.39 0.00	75.40 -2.33 0.00	52.92 -1.75 0.00	44.22 -1.23 0.00	122.94 -2.46 0.00	67.57 -1.52 0.00	43.41 -1.37 0.00	34.19 -1.28 0.00	36.70 -1.36 0.00	29.34 -1.26 0.00	65.26 -2.55 0.00	68.64 -2.63 0.00	73.59 -2.74 0.00	71.58 -2.08 0.00	23.44 -1.57 15.41	46.77 -1.89 0.00	41.92 -1.61 0.00	91.03 -2.04 0.00	106.52 -0.70 0.00	66.83 -0.58 0.00	84.49 -0.52 0.00
LI_NEWBRDGE___DRP 323616	113.45 6.76 -44.40	196.72 9.68 -96.31	120.35 10.70 -11.96	90.16 8.77 0.00	87.62 8.66 -1.22	95.21 6.32 -34.21	137.23 5.17 -86.61	166.28 13.55 -27.33	173.59 7.28 -97.22	169.26 4.72 -119.77	161.14 3.97 -121.69	139.45 4.23 -97.17	117.58 3.29 -83.69	120.38 7.43 -45.13	115.54 7.56 -36.71	174.93 8.31 -90.28	191.71 7.89 -110.16	267.93 3.98 -223.53	223.54 5.08 -169.80	207.36 4.61 -159.21	179.54 9.85 -76.62	140.02 11.55 -21.25	80.24 7.63 -5.20	101.34 9.61 -6.72
LOCKPORT_115KV_TB60_63_64 80432	56.83 -5.45 0.00	82.22 -8.77 -0.25	87.44 -10.25 0.00	73.08 -8.31 0.00	70.55 -7.38 -0.20	53.80 -5.26 -4.39	48.21 -4.91 -7.68	113.87 -12.40 -0.87	65.58 -7.39 -3.88	43.46 -4.74 -3.43	34.52 -3.96 -3.01	34.70 -4.06 -0.70	27.51 -3.24 -0.15	55.52 -7.02 5.28	56.66 -7.58 7.03	64.56 -8.16 3.61	66.14 -7.21 0.31	38.31 -4.00 -1.90	40.74 -4.40 3.53	34.63 -3.91 4.99	82.53 -9.11 1.44	95.87 -12.14 -0.79	60.68 -7.01 -0.27	77.32 -7.69 0.00
LOCKPORT___CC1 323769	56.63 -5.66 0.00	81.93 -9.05 -0.26	87.14 -10.54 0.00	72.84 -8.55 0.00	70.27 -7.66 -0.20	53.64 -5.45 -4.42	48.11 -5.07 -7.74	113.48 -12.80 -0.88	65.57 -7.44 -3.91	43.19 -4.91 -3.32	34.28 -3.99 -2.80	34.41 -4.13 -0.49	27.09 -3.29 0.21	54.96 -7.05 5.80	55.99 -7.60 7.67	63.92 -8.39 4.01	65.97 -7.12 0.56	37.78 -4.04 -1.41	39.94 -4.42 4.30	33.81 -3.87 5.86	81.90 -9.40 1.77	95.60 -12.42 -0.79	60.45 -7.23 -0.27	77.00 -8.01 0.00
LOCKPORT___CC2 323770	56.63 -5.66 0.00	81.93 -9.05 -0.26	87.14 -10.54 0.00	72.84 -8.55 0.00	70.27 -7.66 -0.20	53.64 -5.45 -4.42	48.11 -5.07 -7.74	113.48 -12.80 -0.88	65.57 -7.44 -3.91	43.19 -4.91 -3.32	34.28 -3.99 -2.80	34.41 -4.13 -0.49	27.09 -3.29 0.21	54.96 -7.05 5.80	55.99 -7.60 7.67	63.92 -8.39 4.01	65.97 -7.12 0.56	37.78 -4.04 -1.41	39.94 -4.42 4.30	33.81 -3.87 5.86	81.90 -9.40 1.77	95.60 -12.42 -0.79	60.45 -7.23 -0.27	77.00 -8.01 0.00
LOCKPORT___CC3 323771	56.63 -5.66 0.00	81.93 -9.05 -0.26	87.14 -10.54 0.00	72.84 -8.55 0.00	70.27 -7.66 -0.20	53.64 -5.45 -4.42	48.11 -5.07 -7.74	113.48 -12.80 -0.88	65.57 -7.44 -3.91	43.19 -4.91 -3.32	34.28 -3.99 -2.80	34.41 -4.13 -0.49	27.09 -3.29 0.21	54.96 -7.05 5.80	55.99 -7.60 7.67	63.92 -8.39 4.01	65.97 -7.12 0.56	37.78 -4.04 -1.41	39.94 -4.42 4.30	33.81 -3.87 5.86	81.90 -9.40 1.77	95.60 -12.42 -0.79	60.45 -7.23 -0.27	77.00 -8.01 0.00
LONG_LAKE_PHOENIX 24014	60.53 -1.76 0.00	88.37 -2.49 -0.13	94.94 -2.75 0.00	79.16 -2.23 0.00	75.77 -2.05 -0.10	55.38 -1.33 -2.04	47.69 -1.05 -3.29	122.65 -2.75 0.00	67.59 -1.51 0.00	44.18 -0.93 -0.33	35.83 -0.71 -1.06	37.26 -0.80 0.00	31.49 -0.62 -1.52	66.34 -1.47 0.00	69.66 -1.60 0.00	75.05 -1.68 -0.40	72.22 -1.44 0.00	39.20 -0.74 0.48	47.66 -1.00 0.00	42.65 -0.89 0.00	90.91 -2.16 0.00	104.38 -2.84 0.00	65.64 -1.82 -0.04	82.80 -2.21 0.00
LOVETT___3 23632	66.12 4.72 0.89	99.18 6.92 -1.53	105.05 7.37 0.00	87.69 6.30 0.00	85.07 6.16 -1.18	91.96 4.47 -32.81	116.29 3.65 -67.18	155.54 9.55 -20.59	166.08 5.39 -91.60	161.31 3.59 -112.94	150.02 2.87 -111.68	129.48 3.06 -88.36	101.54 2.45 -68.49	105.23 5.34 -32.08	104.26 5.52 -27.47	105.54 5.97 -23.25	153.56 5.71 -74.19	254.24 3.22 -210.61	212.51 3.87 -159.98	196.98 3.44 -150.01	172.49 7.23 -72.19	135.57 8.33 -20.02	77.68 5.36 -4.91	91.64 6.63 0.00
LOVETT___4 23642	66.12 4.72 0.89	99.18 6.92 -1.53	105.05 7.37 0.00	87.69 6.30 0.00	85.07 6.16 -1.18	91.96 4.47 -32.81	116.29 3.65 -67.18	155.54 9.55 -20.59	166.08 5.39 -91.60	161.31 3.59 -112.94	150.02 2.87 -111.68	129.48 3.06 -88.36	101.54 2.45 -68.49	105.23 5.34 -32.08	104.26 5.52 -27.47	105.54 5.97 -23.25	153.56 5.71 -74.19	254.24 3.22 -210.61	212.51 3.87 -159.98	196.98 3.44 -150.01	172.49 7.23 -72.19	135.57 8.33 -20.02	77.68 5.36 -4.91	91.64 6.63 0.00
LOVETT___5 23593	66.12 4.72 0.89	99.18 6.92 -1.53	105.05 7.37 0.00	87.69 6.30 0.00	85.07 6.16 -1.18	91.96 4.47 -32.81	116.29 3.65 -67.18	155.54 9.55 -20.59	166.08 5.39 -91.60	161.31 3.59 -112.94	150.02 2.87 -111.68	129.48 3.06 -88.36	101.54 2.45 -68.49	105.23 5.34 -32.08	104.26 5.52 -27.47	105.54 5.97 -23.25	153.56 5.71 -74.19	254.24 3.22 -210.61	212.51 3.87 -159.98	196.98 3.44 -150.01	172.49 7.23 -72.19	135.57 8.33 -20.02	77.68 5.36 -4.91	91.64 6.63 0.00
LOWER RAQUET___HYD 24057	59.45 -2.83 0.00	86.57 -4.16 0.00	93.34 -4.34 0.00	77.61 -3.78 0.00	74.07 -3.65 0.00	51.99 -2.68 0.00	43.41 -2.04 0.00	120.68 -4.72 0.00	66.36 -2.74 0.00	42.67 -2.10 0.00	33.67 -1.81 0.00	36.16 -1.89 0.00	28.93 -1.67 0.00	64.41 -3.41 0.00	67.68 -3.59 0.00	72.53 -3.80 0.00	70.33 -3.32 0.00	22.75 -2.32 15.34	45.88 -2.77 0.00	41.11 -2.42 0.00	89.33 -3.74 0.00	104.84 -2.38 0.00	65.91 -1.50 0.00	83.30 -1.71 0.00
LOWER___HUDSON 24059	65.41 3.12 0.00	97.54 4.71 -2.10	102.57 4.88 0.00	85.51 4.12 0.00	83.49 4.14 -1.62	90.80 3.03 -33.09	101.34 2.55 -53.34	131.45 6.05 0.00	72.65 3.56 0.00	52.67 2.48 -5.42	54.69 2.02 -17.20	40.56 2.09 -0.41	58.37 1.73 -26.04	72.36 3.66 -0.88	76.09 3.90 -0.92	88.68 4.46 -7.89	79.05 4.11 -1.28	42.75 2.34 0.00	51.51 2.86 0.00	45.97 2.43 0.00	97.93 4.87 0.00	112.93 5.70 0.00	71.88 3.78 -0.69	89.59 4.58 0.00
LOWVILLE_115KV_TB2 356335	60.60 -1.69 0.00	88.36 -2.43 -0.06	95.90 -1.78 0.00	80.10 -1.29 0.00	76.71 -1.06 -0.05	55.13 -0.47 -0.93	46.83 -0.13 -1.51	126.37 0.97 0.00	69.79 0.69 0.00	44.91 -0.02 -0.15	35.80 -0.15 -0.49	37.61 -0.44 0.00	30.85 -0.44 -0.69	66.62 -1.20 0.00	69.67 -1.60 0.00	74.75 -1.76 -0.18	73.02 -0.64 0.00	50.50 -0.51 -10.59	48.11 -0.54 0.00	43.01 -0.52 0.00	92.86 -0.21 0.00	107.59 0.37 0.00	67.75 0.32 -0.02	85.05 0.04 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	65.83 3.54 0.00	98.11 5.25 -2.14	103.26 5.57 0.00	86.13 4.74 0.00	84.17 4.79 -1.65	91.49 3.54 -33.28	101.49 3.06 -52.98	132.22 7.76 0.94	69.24 4.36 4.21	48.12 2.83 -0.51	50.62 2.20 -12.95	36.53 2.24 3.77	56.20 1.89 -23.71	70.96 4.01 0.87	75.04 4.41 0.63	88.33 5.27 -6.73	76.19 5.06 2.53	33.60 2.85 9.67	44.80 3.49 7.34	39.63 2.97 6.89	95.70 5.94 3.31	113.02 6.71 0.92	72.20 4.29 -0.50	90.23 5.22 0.00

LUTHERNY_35_KV_BK2 355980	65.86 3.57 0.00	98.14 5.28 -2.14	103.26 5.57 0.00	86.17 4.78 0.00	84.23 4.86 -1.65	91.55 3.60 -33.28	101.55 3.12 -52.98	132.43 7.97 0.94	69.32 4.43 4.21	48.15 2.86 -0.51	50.65 2.22 -12.95	36.52 2.24 3.77	56.23 1.92 -23.71	71.01 4.06 0.87	75.04 4.41 0.63	88.52 5.46 -6.73	76.29 5.16 2.53	33.70 2.96 9.67	44.94 3.63 7.34	39.67 3.02 6.89	95.77 6.02 3.31	113.10 6.79 0.92	72.24 4.33 -0.50	90.36 5.35 0.00
LWR___OSWEGATCHIE_HYD 23850	59.46 -2.83 0.00	86.63 -4.14 -0.04	93.69 -3.99 0.00	78.09 -3.31 0.00	74.66 -3.10 -0.03	53.28 -2.08 -0.69	45.10 -1.47 -1.11	122.46 -2.94 0.00	67.46 -1.63 0.00	43.41 -1.48 -0.11	34.50 -1.33 -0.36	36.49 -1.57 0.00	29.72 -1.39 -0.51	64.74 -3.08 0.00	67.85 -3.42 0.00	72.83 -3.63 -0.14	70.97 -2.69 0.00	24.31 -1.73 14.38	46.60 -2.05 0.00	41.71 -1.82 0.00	90.31 -2.76 0.00	105.42 -1.81 0.00	66.34 -1.08 -0.01	83.55 -1.46 0.00
LYONS_FALL_HYD 23570	62.10 -0.18 0.00	90.48 -0.31 -0.06	97.87 0.19 0.00	81.69 0.30 0.00	78.21 0.44 -0.04	56.09 0.53 -0.89	47.56 0.68 -1.43	128.14 2.74 0.00	70.72 1.62 0.00	45.71 0.78 -0.14	36.45 0.52 -0.46	38.44 0.38 0.00	31.51 0.25 -0.66	68.24 0.42 0.00	71.49 0.22 0.00	76.76 0.25 -0.18	74.62 0.97 0.00	39.24 0.41 1.58	49.18 0.53 0.00	43.97 0.44 0.00	94.52 1.45 0.00	109.12 1.90 0.00	68.64 1.21 -0.02	86.23 1.22 0.00
MADISON___COUNTY_LFGE 323628	64.01 1.72 0.00	93.41 2.58 -0.10	100.47 2.79 0.00	83.83 2.44 0.00	80.29 2.49 -0.08	58.21 1.94 -1.60	49.83 1.81 -2.57	130.72 5.32 0.00	72.03 2.94 0.00	46.98 1.95 -0.26	37.78 1.48 -0.83	39.55 1.49 0.00	33.01 1.23 -1.19	70.47 2.66 0.00	74.06 2.80 0.00	79.78 3.13 -0.32	76.92 3.27 0.00	43.50 1.65 -1.43	50.62 1.97 0.00	45.27 1.73 0.00	96.65 3.58 0.00	110.94 3.72 0.00	69.72 2.28 -0.03	87.78 2.77 0.00
MALONE___115KV_TB1 356076	60.96 -1.33 0.00	88.80 -1.93 0.00	95.54 -2.15 0.00	79.36 -2.03 0.00	75.74 -1.99 0.00	53.11 -1.56 0.00	47.70 -1.15 -3.40	130.81 -2.24 -7.65	68.65 -1.31 -0.86	43.72 -1.06 0.00	34.54 -0.93 0.00	37.14 -0.91 0.00	29.74 -0.86 0.00	69.20 -1.65 -3.04	69.70 -1.56 0.00	74.85 -1.48 0.00	72.32 -1.33 0.00	23.52 -1.04 15.85	47.39 -1.26 0.00	42.47 -1.07 0.00	92.20 -1.63 -0.76	106.44 -0.79 0.00	66.72 -0.69 0.00	84.04 -0.97 0.00
MAPLEWOD_115KV_TB3 80458	65.48 3.19 0.00	97.55 4.73 -2.09	102.67 4.99 0.00	85.52 4.13 0.00	83.28 3.94 -1.61	90.04 2.88 -32.49	99.48 2.42 -51.61	130.17 5.86 1.09	67.68 3.43 4.85	46.80 2.39 0.37	49.31 1.96 -11.88	35.70 2.02 4.38	55.11 1.68 -22.84	70.22 3.49 1.08	74.02 3.57 0.81	86.77 3.97 -6.48	74.34 3.72 3.03	31.43 2.16 11.14	42.80 2.61 8.47	37.82 2.22 7.94	93.67 4.42 3.82	111.37 5.21 1.06	71.44 3.58 -0.46	89.41 4.40 0.00
MAPLE_RIDGE_WT_1 323574	60.37 -1.92 0.00	88.04 -2.69 0.00	95.38 -2.30 0.00	79.23 -2.16 0.00	75.77 -1.96 0.00	53.33 -1.34 0.00	44.40 -1.05 0.00	122.82 -2.58 0.00	67.75 -1.34 0.00	43.70 -1.08 0.00	34.64 -0.83 0.00	37.10 -0.96 0.00	29.72 -0.88 0.00	66.01 -1.81 0.00	69.40 -1.87 0.00	74.08 -2.25 0.00	71.40 -2.26 0.00	13.15 -1.43 25.84	47.06 -1.59 0.00	42.22 -1.32 0.00	90.84 -2.23 0.00	105.40 -1.82 0.00	66.14 -1.27 0.00	83.46 -1.55 0.00
MAPLE_RIDGE_WT_2 323611	60.37 -1.92 0.00	88.04 -2.69 0.00	95.38 -2.30 0.00	79.23 -2.16 0.00	75.77 -1.96 0.00	53.33 -1.34 0.00	44.40 -1.05 0.00	122.82 -2.58 0.00	67.75 -1.34 0.00	43.70 -1.08 0.00	34.64 -0.83 0.00	37.10 -0.96 0.00	29.72 -0.88 0.00	66.01 -1.81 0.00	69.40 -1.87 0.00	74.08 -2.25 0.00	71.40 -2.26 0.00	13.15 -1.43 25.84	47.06 -1.59 0.00	42.22 -1.32 0.00	90.84 -2.23 0.00	105.40 -1.82 0.00	66.14 -1.27 0.00	83.46 -1.55 0.00
MARBLE_RIVER_WT_PWR 323696	59.88 -2.41 0.00	87.33 -3.40 0.00	93.99 -3.69 0.00	78.05 -3.34 0.00	74.37 -3.36 0.00	52.04 -2.63 0.00	-6.11 -2.12 49.44	8.81 -5.29 111.30	53.51 -3.01 12.57	42.69 -2.09 0.00	33.76 -1.72 0.00	36.30 -1.76 0.00	29.09 -1.51 0.00	20.44 -3.13 44.25	68.18 -3.08 0.00	73.31 -3.02 0.00	70.57 -3.08 0.00	22.35 -1.98 16.09	46.29 -2.36 0.00	41.49 -2.05 0.00	78.08 -3.91 11.08	103.68 -3.55 0.00	65.15 -2.26 0.00	82.18 -2.84 0.00
MARSHVLE_115KV_TB1 80742	65.36 3.07 0.00	97.48 4.36 -2.39	102.41 4.72 0.00	85.28 3.89 0.00	83.50 3.93 -1.84	94.90 2.84 -37.39	107.62 2.37 -59.79	131.97 7.26 0.69	69.83 3.79 3.06	49.37 2.06 -2.54	53.14 1.39 -16.28	36.59 1.30 2.77	58.63 1.06 -26.97	69.52 2.40 0.69	73.31 2.57 0.52	87.24 3.50 -7.41	75.80 4.07 1.93	35.71 2.32 7.02	46.11 2.79 5.34	41.03 2.50 5.00	96.09 5.43 2.41	112.82 6.26 0.67	71.63 3.58 -0.64	89.46 4.45 0.00
MARSH_HILL_WT_PWR 323713	58.07 -4.22 0.00	84.08 -7.00 -0.36	89.47 -8.21 0.00	74.63 -6.76 0.00	71.56 -6.44 -0.27	56.33 -4.46 -6.12	52.46 -3.71 -10.71	117.40 -9.23 -1.23	69.18 -5.40 -5.48	57.70 -3.50 -16.42	57.10 -3.14 -24.76	54.73 -3.45 -20.12	59.36 -2.82 -31.58	95.58 -6.52 -34.29	105.90 -6.92 -41.55	96.03 -7.90 -27.59	88.57 -6.48 -21.40	83.77 -3.36 -46.72	104.45 -3.89 -59.69	104.47 -3.32 -64.26	111.51 -7.71 -26.15	98.75 -9.96 -1.49	61.82 -5.97 -0.38	77.84 -7.17 0.00
MCINTYRE_115KV_TB2 80467	61.61 -0.68 0.00	89.64 -1.09 0.00	96.57 -1.12 0.00	80.28 -1.11 0.00	76.63 -1.10 0.00	53.74 -0.93 0.00	44.94 -0.51 0.00	124.87 -0.53 0.00	68.60 -0.49 0.00	44.04 -0.74 0.00	34.63 -0.84 0.00	37.15 -0.90 0.00	29.68 -0.92 0.00	66.02 -1.80 0.00	69.41 -1.85 0.00	74.46 -1.87 0.00	72.60 -1.06 0.00	23.98 -0.93 15.50	47.55 -1.10 0.00	42.63 -0.91 0.00	92.50 -0.57 0.00	107.90 0.67 0.00	67.45 0.04 0.00	85.17 0.16 0.00
MECO_____69_KV_BK1 80468	66.76 4.47 0.00	99.44 6.41 -2.30	104.57 6.88 0.00	87.13 5.74 0.00	85.19 5.69 -1.78	94.76 4.19 -35.89	106.32 3.69 -57.18	135.00 10.58 0.97	70.30 5.53 4.33	48.62 3.04 -0.80	51.69 2.03 -14.18	36.06 1.98 3.98	57.56 1.69 -25.28	70.37 3.66 1.12	74.06 3.68 0.88	88.36 5.11 -6.92	76.88 6.14 2.92	34.04 3.57 9.95	45.40 4.30 7.55	40.25 3.80 7.08	97.61 7.95 3.41	115.07 8.79 0.94	73.19 5.23 -0.55	91.39 6.38 0.00
MENANDS___115KV_TB5 355628	65.28 2.99 0.00	97.24 4.42 -2.09	102.34 4.66 0.00	85.23 3.84 0.00	82.94 3.61 -1.61	89.66 2.61 -32.38	98.98 2.17 -51.36	129.26 5.05 1.18	66.84 3.01 5.27	46.05 2.16 0.88	48.65 1.79 -11.38	35.12 1.87 4.80	54.66 1.55 -22.51	69.75 3.18 1.25	73.45 3.15 0.96	86.12 3.45 -6.34	73.40 3.16 3.41	30.13 1.84 12.12	41.67 2.22 9.20	36.78 1.88 8.63	92.61 3.69 4.15	110.52 4.45 1.15	71.04 3.19 -0.43	89.00 3.99 0.00
MG INDUSTRY___DRP 24185	64.93 2.64 0.00	96.64 3.88 -2.03	101.83 4.15 0.00	84.81 3.43 0.00	82.44 3.14 -1.57	88.56 2.30 -31.59	97.59 1.92 -50.21	128.96 4.58 1.01	67.22 2.63 4.51	46.41 1.76 0.12	48.61 1.37 -11.76	35.33 1.37 4.10	53.89 1.16 -22.14	69.06 2.33 1.09	72.71 2.29 0.84	85.27 2.76 -6.18	73.43 2.71 2.93	31.62 1.58 10.37	42.70 1.93 7.88	37.78 1.63 7.39	92.78 3.26 3.56	110.08 3.84 0.99	70.64 2.78 -0.45	88.56 3.55 0.00

MID___OSWEGATCHIE_HYD 23849	59.46 -2.83 0.00	86.63 -4.14 -0.04	93.69 -3.99 0.00	78.09 -3.31 0.00	74.66 -3.10 -0.03	53.28 -2.08 -0.69	45.10 -1.47 -1.11	122.46 -2.94 0.00	67.46 -1.63 0.00	43.41 -1.48 -0.11	34.50 -1.33 -0.36	36.49 -1.57 0.00	29.72 -1.39 -0.51	64.74 -3.08 0.00	67.85 -3.42 0.00	72.83 -3.63 -0.14	70.97 -2.69 0.00	24.31 -1.73 14.38	46.60 -2.05 0.00	41.71 -1.82 0.00	90.31 -2.76 0.00	105.42 -1.81 0.00	66.34 -1.08 -0.01	83.55 -1.46 0.00
MID___RAQUETTE_HYD 23851	59.46 -2.83 0.00	86.57 -4.16 0.00	93.34 -4.34 0.00	77.61 -3.78 0.00	74.07 -3.65 0.00	51.99 -2.68 0.00	43.41 -2.04 0.00	120.68 -4.72 0.00	66.38 -2.72 0.00	42.67 -2.11 0.00	33.67 -1.81 0.00	36.16 -1.90 0.00	28.93 -1.66 0.00	64.39 -3.42 0.00	67.70 -3.57 0.00	72.52 -3.81 0.00	70.36 -3.29 0.00	22.76 -2.31 15.34	45.86 -2.79 0.00	41.11 -2.43 0.00	89.34 -3.73 0.00	104.84 -2.38 0.00	65.90 -1.51 0.00	83.30 -1.71 0.00
MILLIKEN___1 23584	63.42 1.13 0.00	92.45 1.37 -0.35	99.18 1.49 0.00	82.81 1.42 0.00	79.38 1.39 -0.27	61.70 1.04 -5.99	56.92 0.97 -10.49	129.82 3.22 -1.21	76.14 1.68 -5.37	53.21 1.14 -7.29	44.87 0.74 -8.66	43.92 0.67 -5.19	38.28 0.59 -7.09	71.01 1.28 -1.91	74.37 1.47 -1.64	80.17 1.64 -2.21	79.99 1.95 -4.39	53.91 1.15 -12.35	59.40 1.37 -9.38	53.56 1.24 -8.79	99.73 2.43 -4.23	110.42 2.02 -1.17	69.05 1.27 -0.37	86.78 1.77 0.00
MILLIKEN___2 23585	63.42 1.13 0.00	92.45 1.37 -0.35	99.18 1.49 0.00	82.81 1.42 0.00	79.38 1.39 -0.27	61.70 1.04 -5.99	56.92 0.97 -10.49	129.82 3.22 -1.21	76.14 1.68 -5.37	53.21 1.14 -7.29	44.87 0.74 -8.66	43.92 0.67 -5.19	38.28 0.59 -7.09	71.01 1.28 -1.91	74.37 1.47 -1.64	80.17 1.64 -2.21	79.99 1.95 -4.39	53.91 1.15 -12.35	59.40 1.37 -9.38	53.56 1.24 -8.79	99.73 2.43 -4.23	110.42 2.02 -1.17	69.05 1.27 -0.37	86.78 1.77 0.00
MILLIKEN___DIESEL 23629	63.42 1.13 0.00	92.45 1.37 -0.35	99.18 1.49 0.00	82.81 1.42 0.00	79.38 1.39 -0.27	61.70 1.04 -5.99	56.92 0.97 -10.49	129.82 3.22 -1.21	76.14 1.68 -5.37	53.21 1.14 -7.29	44.87 0.74 -8.66	43.92 0.67 -5.19	38.28 0.59 -7.09	71.01 1.28 -1.91	74.37 1.47 -1.64	80.17 1.64 -2.21	79.99 1.95 -4.39	53.91 1.15 -12.35	59.40 1.37 -9.38	53.56 1.24 -8.79	99.73 2.43 -4.23	110.42 2.02 -1.17	69.05 1.27 -0.37	86.78 1.77 0.00
MILLSEAT___LFGE 323607	58.72 -3.56 0.00	85.01 -5.96 -0.25	90.57 -7.11 0.00	75.67 -5.72 0.00	72.98 -4.94 -0.19	55.47 -3.44 -4.24	49.65 -3.22 -7.42	118.67 -7.57 -0.84	68.33 -4.51 -3.75	45.29 -3.05 -3.56	36.25 -2.59 -3.36	36.43 -2.72 -1.10	29.17 -2.27 -0.84	58.77 -4.88 4.18	60.36 -5.26 5.65	67.88 -5.69 2.76	69.57 -4.27 -0.18	40.89 -2.33 -2.80	44.29 -2.38 1.98	38.23 -2.05 3.25	86.74 -5.56 0.77	99.88 -8.12 -0.77	63.00 -4.67 -0.26	80.04 -4.97 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	68.19 5.27 -0.63	99.98 7.67 -1.58	105.85 8.17 0.00	88.34 6.95 0.00	85.75 6.81 -1.22	93.56 4.92 -33.97	119.30 4.07 -69.78	157.76 10.72 -21.64	171.40 6.03 -96.27	167.41 4.02 -118.62	155.79 3.20 -117.11	137.65 3.44 -96.15	116.07 2.77 -82.71	114.58 6.03 -40.73	113.73 6.26 -36.20	118.12 6.74 -35.05	168.31 6.46 -88.19	265.38 3.61 -221.36	221.17 4.36 -168.15	205.08 3.88 -157.66	177.10 8.15 -75.87	137.61 9.34 -21.04	78.55 5.99 -5.15	92.45 7.44 0.00
MILLWOOD_13_KV_LOAD 356217	68.28 5.36 -0.63	100.13 7.83 -1.58	106.02 8.34 0.00	88.48 7.09 0.00	85.87 6.92 -1.22	93.65 5.01 -33.97	119.38 4.15 -69.78	158.01 10.97 -21.64	171.53 6.16 -96.27	167.49 4.10 -118.62	155.85 3.27 -117.11	137.73 3.52 -96.15	116.14 2.83 -82.71	114.72 6.16 -40.73	113.86 6.40 -36.20	118.30 6.92 -35.05	168.50 6.66 -88.19	265.49 3.71 -221.36	221.29 4.49 -168.15	205.20 4.00 -157.66	177.35 8.40 -75.87	137.88 9.61 -21.04	78.65 6.09 -5.15	92.62 7.61 0.00
MODEL_CITY_ENERGY 24167	56.19 -6.09 0.00	81.32 -9.67 -0.26	86.46 -11.22 0.00	72.26 -9.13 0.00	69.79 -8.14 -0.20	53.32 -5.81 -4.47	47.83 -5.45 -7.82	112.43 -13.86 -0.89	65.02 -8.03 -3.96	42.93 -5.27 -3.42	34.18 -4.23 -2.94	34.26 -4.39 -0.60	27.08 -3.47 0.04	54.77 -7.41 5.64	55.81 -7.96 7.49	63.54 -8.90 3.89	65.51 -7.69 0.45	37.77 -4.30 -1.66	40.03 -4.64 3.98	33.95 -4.08 5.51	81.37 -10.06 1.64	94.71 -13.32 -0.80	59.97 -7.72 -0.28	76.43 -8.58 0.00
MODERN_LFGE___ 323580	56.19 -6.09 0.00	81.32 -9.67 -0.26	86.46 -11.22 0.00	72.26 -9.13 0.00	69.79 -8.14 -0.20	53.32 -5.81 -4.47	47.83 -5.45 -7.82	112.43 -13.86 -0.89	65.02 -8.03 -3.96	42.93 -5.27 -3.42	34.18 -4.23 -2.94	34.26 -4.39 -0.60	27.08 -3.47 0.04	54.77 -7.41 5.64	55.81 -7.96 7.49	63.54 -8.90 3.89	65.51 -7.69 0.45	37.77 -4.30 -1.66	40.03 -4.64 3.98	33.95 -4.08 5.51	81.37 -10.06 1.64	94.71 -13.32 -0.80	59.97 -7.72 -0.28	76.43 -8.58 0.00
MOHAWK_PAPER___DRP 24187	65.48 3.19 0.00	97.55 4.73 -2.09	102.67 4.99 0.00	85.52 4.13 0.00	83.28 3.94 -1.61	90.04 2.88 -32.49	99.48 2.42 -51.61	130.17 5.86 1.09	67.68 3.43 4.85	46.80 2.39 0.37	49.31 1.96 -11.88	35.70 2.02 4.38	55.11 1.68 -22.84	70.22 3.49 1.08	74.02 3.57 0.81	86.77 3.97 -6.48	74.34 3.72 3.03	31.43 2.16 11.14	42.80 2.61 8.47	37.82 2.22 7.94	93.67 4.42 3.82	111.37 5.21 1.06	71.44 3.58 -0.46	89.41 4.40 0.00
MOHICAN___35_KV_115KV_LD 80490	65.76 3.47 0.00	98.15 5.28 -2.14	103.35 5.67 0.00	86.25 4.86 0.00	84.44 5.06 -1.65	91.78 3.81 -33.29	101.76 3.33 -52.99	132.80 8.39 0.98	69.46 4.72 4.36	48.23 3.12 -0.33	50.66 2.39 -12.80	36.52 2.39 3.93	56.23 2.00 -23.63	71.10 4.21 0.94	75.37 4.80 0.69	88.78 5.76 -6.69	76.56 5.58 2.67	33.47 3.08 10.03	44.83 3.79 7.62	39.66 3.26 7.15	95.92 6.29 3.44	113.30 7.03 0.95	72.37 4.46 -0.49	90.17 5.16 0.00
MONGAUP___HYD 23641	66.84 5.09 0.54	99.55 7.37 -1.45	105.53 7.85 0.00	88.02 6.63 0.00	85.34 6.50 -1.12	90.04 4.67 -30.70	111.16 3.26 -62.45	152.75 8.67 -18.68	156.98 4.76 -83.12	150.33 2.92 -102.64	139.83 2.53 -101.83	120.70 2.71 -79.94	94.72 2.13 -61.99	101.04 4.65 -28.57	100.46 4.83 -24.37	102.59 5.80 -20.46	145.39 5.19 -66.55	234.61 3.06 -191.13	197.58 3.73 -145.19	183.52 3.85 -136.13	166.81 8.22 -65.51	134.62 9.22 -18.17	77.85 5.97 -4.48	92.49 7.48 0.00
MONTAUK___DIESEL 23721	112.71 6.02 -44.40	192.43 7.28 -94.42	119.96 10.84 -11.43	90.36 8.97 0.00	88.05 9.10 -1.22	95.69 6.80 -34.21	137.61 5.54 -86.61	166.94 14.20 -27.33	173.33 7.01 -97.22	168.91 4.36 -119.77	160.63 3.47 -121.69	139.01 3.79 -97.17	117.14 2.86 -83.69	120.14 7.20 -45.13	114.18 6.21 -36.71	174.29 7.67 -90.28	191.40 7.58 -110.16	266.83 2.88 -223.53	223.14 4.68 -169.80	207.19 4.44 -159.21	178.99 9.30 -76.62	139.16 10.68 -21.25	79.90 7.29 -5.20	101.46 9.73 -6.72
MOONROAD_115KV_HARTFLD_TB1-2 355988	59.61 -2.68 0.00	86.17 -4.86 -0.30	92.02 -5.66 0.00	77.02 -4.37 0.00	73.74 -4.21 -0.23	56.57 -3.21 -5.10	51.26 -3.13 -8.94	118.02 -8.40 -1.02	68.73 -4.91 -4.55	45.97 -3.02 -4.21	36.05 -3.30 -3.88	35.93 -3.29 -1.16	28.76 -2.55 -0.71	57.09 -5.29 5.44	58.05 -5.90 7.31	66.09 -6.59 3.65	68.46 -5.22 -0.03	40.65 -2.77 -3.01	42.37 -3.30 2.99	36.07 -2.86 4.61	86.33 -5.55 1.18	100.35 -7.81 -0.93	63.12 -4.61 -0.32	80.86 -4.15 0.00

MORRIS_RIDGE___SOLAR 323848	58.66 -3.62 0.00	84.90 -6.17 -0.34	90.57 -7.11 0.00	75.65 -5.74 0.00	72.54 -5.45 -0.26	56.66 -3.90 -5.89	52.38 -3.39 -10.31	118.15 -8.44 -1.18	69.33 -5.04 -5.27	36.23 -3.29 5.25	19.13 -2.87 13.48	19.52 -3.17 15.37	1.44 -2.51 26.65	19.33 -5.71 42.77	11.78 -6.04 53.45	36.61 -6.90 32.81	49.01 -5.59 19.05	2.46 -2.98 34.97	-14.77 -3.44 59.98	-27.07 -2.94 67.68	60.22 -6.87 25.98	99.10 -8.88 -0.75	62.48 -5.29 -0.37	79.04 -5.97 0.00
MORTIMER_115KV_TB3 55949	59.67 -2.62 0.00	86.59 -4.34 -0.21	92.62 -5.06 0.00	77.29 -4.10 0.00	74.33 -3.56 -0.16	55.87 -2.44 -3.63	49.63 -2.17 -6.36	120.91 -5.20 -0.72	69.14 -3.15 -3.19	47.10 -2.01 -4.34	38.90 -1.76 -5.18	39.29 -1.85 -3.08	33.38 -1.48 -4.27	65.76 -3.19 -1.13	68.76 -3.48 -0.97	74.10 -3.56 -1.33	73.41 -2.86 -2.61	46.09 -1.66 -7.33	52.33 -1.89 -5.57	47.04 -1.72 -5.22	91.68 -3.90 -2.51	102.42 -5.50 -0.70	64.36 -3.27 -0.22	81.41 -3.60 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	68.76 5.91 -0.56	100.89 8.57 -1.58	106.71 9.02 0.00	89.02 7.63 0.00	86.42 7.47 -1.22	94.26 5.39 -34.20	120.22 4.47 -70.30	159.16 11.91 -21.85	173.01 6.72 -97.20	168.98 4.46 -119.74	157.20 3.54 -118.19	139.04 3.84 -97.15	117.35 3.09 -83.67	115.86 6.77 -41.27	114.99 7.03 -36.70	119.45 7.53 -35.59	170.10 7.19 -89.25	267.87 3.96 -223.49	223.23 4.80 -169.77	206.99 4.27 -159.18	178.72 9.05 -76.61	138.81 10.34 -21.24	79.21 6.60 -5.20	93.31 8.30 0.00
MUNSVILLE_WIND_PWR 323609	64.74 2.45 0.00	94.52 3.26 -0.52	101.21 3.53 0.00	84.61 3.22 0.00	81.25 3.12 -0.40	66.28 2.57 -9.04	64.03 2.72 -15.86	136.37 9.12 -1.85	81.75 4.43 -8.23	58.68 2.77 -11.14	50.62 1.96 -13.19	47.88 1.87 -7.96	42.92 1.55 -10.76	74.27 3.52 -2.93	77.76 3.97 -2.52	84.40 4.71 -3.37	85.77 5.38 -6.73	62.22 2.89 -18.91	66.42 3.40 -14.37	60.07 3.06 -13.47	105.80 6.25 -6.48	114.59 5.57 -1.80	70.93 2.95 -0.57	89.04 4.03 0.00
N SALMON___HYD 24042	60.96 -1.33 0.00	88.80 -1.93 0.00	95.54 -2.14 0.00	79.36 -2.03 0.00	75.73 -1.99 0.00	53.12 -1.56 0.00	47.70 -1.15 -3.40	130.81 -2.24 -7.65	68.65 -1.31 -0.86	43.73 -1.05 0.00	34.54 -0.93 0.00	37.15 -0.91 0.00	29.74 -0.86 0.00	69.22 -1.63 -3.04	69.69 -1.57 0.00	74.86 -1.47 0.00	72.30 -1.36 0.00	23.51 -1.05 15.85	47.41 -1.24 0.00	42.47 -1.07 0.00	92.19 -1.64 -0.76	106.44 -0.79 0.00	66.72 -0.69 0.00	84.04 -0.97 0.00
N.AKRON__115KV_KNAPP 355671	58.15 -4.14 0.00	84.17 -6.81 -0.25	89.62 -8.06 0.00	74.89 -6.50 0.00	72.25 -5.67 -0.19	54.98 -3.99 -4.30	49.23 -3.74 -7.52	117.17 -9.09 -0.85	67.34 -5.56 -3.80	44.71 -3.57 -3.51	35.62 -3.07 -3.22	35.84 -3.16 -0.94	28.58 -2.59 -0.57	57.61 -5.59 4.61	59.00 -6.08 6.19	66.79 -6.44 3.10	68.27 -5.37 0.01	39.92 -2.94 -2.45	42.91 -3.16 2.59	36.79 -2.80 3.94	85.28 -6.76 1.03	98.54 -9.46 -0.78	62.26 -5.41 -0.27	79.20 -5.81 0.00
N.BELMOR_69_KV_BK1 55787	113.97 7.29 -44.40	187.92 10.38 -86.81	118.34 11.38 -9.27	90.73 9.34 0.00	88.14 9.20 -1.22	95.58 6.70 -34.21	137.58 5.52 -86.61	167.37 14.64 -27.33	174.21 7.90 -97.22	169.60 5.06 -119.77	161.42 4.26 -121.69	139.80 4.58 -97.17	117.84 3.55 -83.69	121.00 8.05 -45.13	116.17 8.19 -36.71	175.62 9.01 -90.29	192.47 8.65 -110.16	268.22 4.27 -223.53	223.88 5.42 -169.80	207.66 4.91 -159.21	180.30 10.61 -76.62	141.05 12.57 -21.25	80.83 8.22 -5.20	102.05 10.32 -6.72
N.E_GEN_SANDY PD 24062	65.28 4.01 1.01	98.69 6.09 -1.87	103.89 6.42 0.22	86.96 5.46 -0.10	84.21 5.44 -1.04	92.37 3.89 -33.81	114.11 3.23 -65.42	127.94 7.80 5.26	121.15 4.53 -47.52	108.70 3.17 -60.75	103.33 2.60 -65.26	87.18 2.73 -46.39	86.52 2.26 -53.67	92.76 4.80 -20.14	96.93 5.06 -20.61	104.89 5.53 -23.03	121.96 5.08 -43.23	149.14 2.86 -105.87	132.78 3.50 -80.63	122.16 3.02 -75.60	135.63 6.18 -36.38	124.19 7.30 -9.66	75.68 4.84 -3.43	90.90 5.89 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	66.28 4.87 0.87	99.36 7.10 -1.53	105.24 7.56 0.00	87.86 6.47 0.00	85.23 6.32 -1.18	92.00 4.60 -32.73	116.24 3.79 -67.00	155.90 9.98 -20.51	165.97 5.60 -91.28	161.05 3.72 -112.55	149.75 2.95 -111.33	129.27 3.15 -88.06	101.36 2.52 -68.25	105.26 5.49 -31.95	104.32 5.70 -27.35	105.61 6.15 -23.13	153.45 5.89 -73.90	253.65 3.32 -209.92	212.10 3.99 -159.46	196.60 3.55 -149.51	172.51 7.49 -71.95	135.76 8.58 -19.95	77.84 5.53 -4.90	91.82 6.81 0.00
N.QUEENS_27_KV_LOAD 356247	69.01 6.15 -0.57	101.18 8.86 -1.59	106.98 9.30 0.00	89.18 7.79 0.00	86.58 7.63 -1.22	94.37 5.50 -34.20	120.56 4.81 -70.30	159.49 12.25 -21.84	173.14 6.85 -97.19	169.04 4.53 -119.73	157.24 3.58 -118.19	139.11 3.91 -97.14	117.34 3.08 -83.66	115.89 6.79 -41.27	114.93 6.96 -36.70	119.51 7.60 -35.59	170.05 7.15 -89.25	267.89 3.99 -223.48	223.24 4.83 -169.76	207.06 4.35 -159.17	178.84 9.16 -76.60	138.89 10.42 -21.25	79.23 6.62 -5.20	93.60 8.58 -0.01
N.TROY___115KV_TB1 355778	65.41 3.13 0.00	97.54 4.71 -2.10	102.57 4.89 0.00	85.51 4.12 0.00	83.49 4.14 -1.62	90.80 3.03 -33.09	101.34 2.55 -53.34	131.44 6.04 0.00	72.66 3.56 0.00	52.67 2.48 -5.42	54.70 2.03 -17.20	40.57 2.10 -0.41	58.37 1.74 -26.04	72.37 3.67 -0.88	76.09 3.91 -0.92	88.68 4.45 -7.89	79.07 4.13 -1.28	42.75 2.34 0.00	51.53 2.88 0.00	45.97 2.44 0.00	97.95 4.88 0.00	112.94 5.71 0.00	71.88 3.78 -0.69	89.59 4.58 0.00
NARROWS_GT1_1 24228	87.57 6.60 -18.69	153.12 9.68 -52.71	150.46 10.12 -42.66	150.17 8.52 -60.26	150.20 8.32 -64.16	151.85 5.95 -91.23	155.89 4.97 -105.47	176.38 12.90 -38.09	424.38 7.12 -348.17	369.26 4.76 -319.72	777.70 3.76 -738.46	338.70 4.05 -296.59	338.70 3.31 -304.79	338.70 7.31 -263.57	625.24 7.70 -546.28	387.99 8.16 -303.50	373.80 7.72 -292.43	382.46 4.26 -337.80	342.89 5.10 -289.14	559.90 4.61 -511.75	582.07 10.01 -478.99	771.34 11.58 -652.53	262.35 7.38 -187.56	98.22 9.20 -4.00
NARROWS_GT1_2 24229	87.57 6.60 -18.69	153.12 9.68 -52.71	150.46 10.12 -42.66	150.17 8.52 -60.26	150.20 8.32 -64.16	151.85 5.95 -91.23	155.89 4.97 -105.47	176.38 12.90 -38.09	424.38 7.12 -348.17	369.26 4.76 -319.72	777.70 3.76 -738.46	338.70 4.05 -296.59	338.70 3.31 -304.79	338.70 7.31 -263.57	625.24 7.70 -546.28	387.99 8.16 -303.50	373.80 7.72 -292.43	382.46 4.26 -337.80	342.89 5.10 -289.14	559.90 4.61 -511.75	582.07 10.01 -478.99	771.34 11.58 -652.53	262.35 7.38 -187.56	98.22 9.20 -4.00
NARROWS_GT1_3 24230	87.57 6.60 -18.69	153.12 9.68 -52.71	150.46 10.12 -42.66	150.17 8.52 -60.26	150.20 8.32 -64.16	151.85 5.95 -91.23	155.89 4.97 -105.47	176.38 12.90 -38.09	424.38 7.12 -348.17	369.26 4.76 -319.72	777.70 3.76 -738.46	338.70 4.05 -296.59	338.70 3.31 -304.79	338.70 7.31 -263.57	625.24 7.70 -546.28	387.99 8.16 -303.50	373.80 7.72 -292.43	382.46 4.26 -337.80	342.89 5.10 -289.14	559.90 4.61 -511.75	582.07 10.01 -478.99	771.34 11.58 -652.53	262.35 7.38 -187.56	98.22 9.20 -4.00
NARROWS_GT1_4 24231	87.57 6.60 -18.69	153.12 9.68 -52.71	150.46 10.12 -42.66	150.17 8.52 -60.26	150.20 8.32 -64.16	151.85 5.95 -91.23	155.89 4.97 -105.47	176.38 12.90 -38.09	424.38 7.12 -348.17	369.26 4.76 -319.72	777.70 3.76 -738.46	338.70 4.05 -296.59	338.70 3.31 -304.79	338.70 7.31 -263.57	625.24 7.70 -546.28	387.99 8.16 -303.50	373.80 7.72 -292.43	382.46 4.26 -337.80	342.89 5.10 -289.14	559.90 4.61 -511.75	582.07 10.01 -478.99	771.34 11.58 -652.53	262.35 7.38 -187.56	98.22 9.20 -4.00

NARROWS_GT1_5 24232	87.57 6.60 -18.69	153.12 9.68 -52.71	150.46 10.12 -42.66	150.17 8.52 -60.26	150.20 8.32 -64.16	151.85 5.95 -91.23	155.89 4.97 -105.47	176.38 12.90 -38.09	424.38 7.12 -348.17	369.26 4.76 -319.72	777.70 3.76 -738.46	338.70 4.05 -296.59	338.70 3.31 -304.79	338.70 7.31 -263.57	625.24 7.70 -546.28	387.99 8.16 -303.50	373.80 7.72 -292.43	382.46 4.26 -337.80	342.89 5.10 -289.14	559.90 4.61 -511.75	582.07 10.01 -478.99	771.34 11.58 -652.53	262.35 7.38 -187.56	98.22 9.20 -4.00
NARROWS_GT1_6 24233	87.57 6.60 -18.69	153.12 9.68 -52.71	150.46 10.12 -42.66	150.17 8.52 -60.26	150.20 8.32 -64.16	151.85 5.95 -91.23	155.89 4.97 -105.47	176.38 12.90 -38.09	424.38 7.12 -348.17	369.26 4.76 -319.72	777.70 3.76 -738.46	338.70 4.05 -296.59	338.70 3.31 -304.79	338.70 7.31 -263.57	625.24 7.70 -546.28	387.99 8.16 -303.50	373.80 7.72 -292.43	382.46 4.26 -337.80	342.89 5.10 -289.14	559.90 4.61 -511.75	582.07 10.01 -478.99	771.34 11.58 -652.53	262.35 7.38 -187.56	98.22 9.20 -4.00
NARROWS_GT1_7 24234	87.57 6.60 -18.69	153.12 9.68 -52.71	150.46 10.12 -42.66	150.17 8.52 -60.26	150.20 8.32 -64.16	151.85 5.95 -91.23	155.89 4.97 -105.47	176.38 12.90 -38.09	424.38 7.12 -348.17	369.26 4.76 -319.72	777.70 3.76 -738.46	338.70 4.05 -296.59	338.70 3.31 -304.79	338.70 7.31 -263.57	625.24 7.70 -546.28	387.99 8.16 -303.50	373.80 7.72 -292.43	382.46 4.26 -337.80	342.89 5.10 -289.14	559.90 4.61 -511.75	582.07 10.01 -478.99	771.34 11.58 -652.53	262.35 7.38 -187.56	98.22 9.20 -4.00
NARROWS_GT1_8 24235	87.57 6.60 -18.69	153.12 9.68 -52.71	150.46 10.12 -42.66	150.17 8.52 -60.26	150.20 8.32 -64.16	151.85 5.95 -91.23	155.89 4.97 -105.47	176.38 12.90 -38.09	424.38 7.12 -348.17	369.26 4.76 -319.72	777.70 3.76 -738.46	338.70 4.05 -296.59	338.70 3.31 -304.79	338.70 7.31 -263.57	625.24 7.70 -546.28	387.99 8.16 -303.50	373.80 7.72 -292.43	382.46 4.26 -337.80	342.89 5.10 -289.14	559.90 4.61 -511.75	582.07 10.01 -478.99	771.34 11.58 -652.53	262.35 7.38 -187.56	98.22 9.20 -4.00
NARROWS_GT2_1 24236	87.57 6.60 -18.69	153.12 9.68 -52.71	150.46 10.12 -42.66	150.17 8.52 -60.26	150.20 8.32 -64.16	151.85 5.95 -91.23	155.89 4.97 -105.47	163.04 12.90 -24.75	187.30 7.12 -111.09	180.68 4.76 -131.14	191.56 3.76 -152.32	150.23 4.05 -108.12	129.75 3.31 -95.83	129.71 7.31 -54.59	152.31 7.70 -73.34	142.91 8.16 -58.42	185.52 7.72 -104.15	274.44 4.26 -229.77	230.09 5.10 -176.33	231.54 4.61 -183.39	208.29 10.01 -105.20	210.15 11.58 -91.33	128.94 7.38 -54.16	98.22 9.20 -4.00
NARROWS_GT2_2 24237	87.57 6.60 -18.69	153.12 9.68 -52.71	150.46 10.12 -42.66	150.17 8.52 -60.26	150.20 8.32 -64.16	151.85 5.95 -91.23	155.89 4.97 -105.47	163.04 12.90 -24.75	187.30 7.12 -111.09	180.68 4.76 -131.14	191.56 3.76 -152.32	150.23 4.05 -108.12	129.75 3.31 -95.83	129.71 7.31 -54.59	152.31 7.70 -73.34	142.91 8.16 -58.42	185.52 7.72 -104.15	274.44 4.26 -229.77	230.09 5.10 -176.33	231.54 4.61 -183.39	208.29 10.01 -105.20	210.15 11.58 -91.33	128.94 7.38 -54.16	98.22 9.20 -4.00
NARROWS_GT2_3 24238	87.57 6.60 -18.69	153.12 9.68 -52.71	150.46 10.12 -42.66	150.17 8.52 -60.26	150.20 8.32 -64.16	151.85 5.95 -91.23	155.89 4.97 -105.47	163.04 12.90 -24.75	187.30 7.12 -111.09	180.68 4.76 -131.14	191.56 3.76 -152.32	150.23 4.05 -108.12	129.75 3.31 -95.83	129.71 7.31 -54.59	152.31 7.70 -73.34	142.91 8.16 -58.42	185.52 7.72 -104.15	274.44 4.26 -229.77	230.09 5.10 -176.33	231.54 4.61 -183.39	208.29 10.01 -105.20	210.15 11.58 -91.33	128.94 7.38 -54.16	98.22 9.20 -4.00
NARROWS_GT2_4 24239	87.57 6.60 -18.69	153.12 9.68 -52.71	150.46 10.12 -42.66	150.17 8.52 -60.26	150.20 8.32 -64.16	151.85 5.95 -91.23	155.89 4.97 -105.47	163.04 12.90 -24.75	187.30 7.12 -111.09	180.68 4.76 -131.14	191.56 3.76 -152.32	150.23 4.05 -108.12	129.75 3.31 -95.83	129.71 7.31 -54.59	152.31 7.70 -73.34	142.91 8.16 -58.42	185.52 7.72 -104.15	274.44 4.26 -229.77	230.09 5.10 -176.33	231.54 4.61 -183.39	208.29 10.01 -105.20	210.15 11.58 -91.33	128.94 7.38 -54.16	98.22 9.20 -4.00
NARROWS_GT2_5 24240	87.57 6.60 -18.69	153.12 9.68 -52.71	150.46 10.12 -42.66	150.17 8.52 -60.26	150.20 8.32 -64.16	151.85 5.95 -91.23	155.89 4.97 -105.47	163.04 12.90 -24.75	187.30 7.12 -111.09	180.68 4.76 -131.14	191.56 3.76 -152.32	150.23 4.05 -108.12	129.75 3.31 -95.83	129.71 7.31 -54.59	152.31 7.70 -73.34	142.91 8.16 -58.42	185.52 7.72 -104.15	274.44 4.26 -229.77	230.09 5.10 -176.33	231.54 4.61 -183.39	208.29 10.01 -105.20	210.15 11.58 -91.33	128.94 7.38 -54.16	98.22 9.20 -4.00
NARROWS_GT2_6 24241	87.57 6.60 -18.69	153.12 9.68 -52.71	150.46 10.12 -42.66	150.17 8.52 -60.26	150.20 8.32 -64.16	151.85 5.95 -91.23	155.89 4.97 -105.47	163.04 12.90 -24.75	187.30 7.12 -111.09	180.68 4.76 -131.14	191.56 3.76 -152.32	150.23 4.05 -108.12	129.75 3.31 -95.83	129.71 7.31 -54.59	152.31 7.70 -73.34	142.91 8.16 -58.42	185.52 7.72 -104.15	274.44 4.26 -229.77	230.09 5.10 -176.33	231.54 4.61 -183.39	208.29 10.01 -105.20	210.15 11.58 -91.33	128.94 7.38 -54.16	98.22 9.20 -4.00
NARROWS_GT2_7 24242	87.57 6.60 -18.69	153.12 9.68 -52.71	150.46 10.12 -42.66	150.17 8.52 -60.26	150.20 8.32 -64.16	151.85 5.95 -91.23	155.89 4.97 -105.47	163.04 12.90 -24.75	187.30 7.12 -111.09	180.68 4.76 -131.14	191.56 3.76 -152.32	150.23 4.05 -108.12	129.75 3.31 -95.83	129.71 7.31 -54.59	152.31 7.70 -73.34	142.91 8.16 -58.42	185.52 7.72 -104.15	274.44 4.26 -229.77	230.09 5.10 -176.33	231.54 4.61 -183.39	208.29 10.01 -105.20	210.15 11.58 -91.33	128.94 7.38 -54.16	98.22 9.20 -4.00
NARROWS_GT2_8 24243	87.57 6.60 -18.69	153.12 9.68 -52.71	150.46 10.12 -42.66	150.17 8.52 -60.26	150.20 8.32 -64.16	151.85 5.95 -91.23	155.89 4.97 -105.47	163.04 12.90 -24.75	187.30 7.12 -111.09	180.68 4.76 -131.14	191.56 3.76 -152.32	150.23 4.05 -108.12	129.75 3.31 -95.83	129.71 7.31 -54.59	152.31 7.70 -73.34	142.91 8.16 -58.42	185.52 7.72 -104.15	274.44 4.26 -229.77	230.09 5.10 -176.33	231.54 4.61 -183.39	208.29 10.01 -105.20	210.15 11.58 -91.33	128.94 7.38 -54.16	98.22 9.20 -4.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	66.90 4.61 0.00	99.32 6.64 -1.95	104.79 7.11 0.00	87.26 5.87 0.00	84.66 5.43 -1.50	90.51 4.02 -31.82	102.15 3.53 -53.17	137.60 9.49 -2.71	86.52 5.35 -12.07	67.55 3.39 -19.39	66.89 2.39 -29.02	52.46 2.25 -12.16	63.56 1.85 -31.12	76.82 3.75 -5.25	79.74 3.79 -4.69	90.96 4.58 -10.06	90.05 5.13 -11.26	71.32 3.15 -27.75	73.58 3.84 -21.08	66.59 3.28 -19.77	109.14 6.56 -9.51	117.18 7.31 -2.64	73.48 4.85 -1.22	90.97 5.96 0.00
NCHELSEA_115KV_TR2 355582	68.32 6.02 -0.02	101.09 8.78 -1.58	107.06 9.37 0.00	89.34 7.95 0.00	86.70 7.75 -1.22	94.08 5.62 -33.79	119.20 4.72 -69.03	159.03 12.67 -20.96	169.39 7.03 -93.27	164.45 4.61 -115.06	153.04 3.64 -113.93	134.23 3.85 -92.32	111.53 3.08 -77.86	112.13 6.70 -37.61	111.44 7.04 -33.14	115.39 7.76 -31.30	163.99 7.59 -82.74	259.16 4.28 -214.46	216.75 5.19 -162.91	200.90 4.61 -152.75	176.20 9.62 -73.51	138.50 10.89 -20.39	79.28 6.86 -5.01	93.50 8.49 0.00
NEG CAPITAL___MECHNVIL 23645	66.05 3.76 0.00	98.45 5.59 -2.12	103.60 5.92 0.00	86.40 5.01 0.00	84.40 5.03 -1.64	91.56 3.71 -33.18	101.62 3.21 -52.96	132.80 8.15 0.75	70.37 4.61 3.33	49.30 3.00 -1.52	51.61 2.33 -13.80	37.57 2.41 2.90	56.78 2.02 -24.17	71.60 4.28 0.50	75.66 4.69 0.30	88.86 5.55 -6.97	77.26 5.33 1.72	35.77 3.02 7.66	46.50 3.66 5.82	41.22 3.15 5.46	96.75 6.31 2.63	113.62 7.12 0.73	72.48 4.53 -0.54	90.52 5.51 0.00

NEG CENTRAL_HIGH_ACRES 23767	59.23 -3.06 0.00	86.07 -4.87 -0.21	92.11 -5.57 0.00	76.88 -4.51 0.00	73.89 -3.99 -0.16	55.51 -2.71 -3.55	49.39 -2.27 -6.20	120.50 -5.60 -0.70	68.97 -3.23 -3.11	46.86 -2.15 -4.23	38.74 -1.78 -5.05	39.18 -1.88 -3.00	33.23 -1.53 -4.16	65.59 -3.33 -1.10	68.65 -3.57 -0.95	73.84 -3.78 -1.30	73.15 -3.05 -2.54	45.80 -1.76 -7.14	52.03 -2.05 -5.43	46.79 -1.83 -5.09	91.16 -4.35 -2.45	101.89 -6.01 -0.68	64.01 -3.62 -0.22	80.84 -4.17 0.00
NEG CENTRAL___DRP 24199	61.86 -0.43 0.00	89.79 -1.18 -0.23	96.16 -1.52 0.00	80.31 -1.08 0.00	77.20 -0.71 -0.18	58.31 -0.40 -4.04	52.27 -0.25 -7.07	125.56 -0.64 -0.80	72.19 -0.47 -3.56	50.45 -0.08 -5.76	42.58 -0.30 -7.41	42.63 -0.39 -4.96	37.56 -0.28 -7.24	71.58 -0.81 -4.57	75.67 -0.76 -5.17	79.50 -0.90 -4.07	77.98 -0.32 -4.64	52.00 -0.09 -11.68	59.95 -0.05 -11.35	55.04 0.01 -11.49	97.58 -0.54 -5.04	106.43 -1.60 -0.81	66.88 -0.78 -0.25	84.17 -0.84 0.00
NEG CENTRAL___INDECK 23768	61.59 -0.70 0.00	89.29 -1.74 -0.30	95.36 -2.32 0.00	79.60 -1.79 0.00	76.48 -1.47 -0.23	58.91 -0.88 -5.12	53.77 -0.65 -8.97	125.89 -0.54 -1.03	73.09 -0.57 -4.56	59.46 -0.60 -15.29	58.14 -0.82 -23.48	56.32 -1.14 -19.41	60.26 -1.01 -30.67	99.55 -2.60 -34.33	109.93 -3.06 -41.73	100.71 -3.14 -27.51	93.26 -1.24 -20.84	85.06 -0.35 -44.99	107.10 -0.21 -58.66	106.85 -0.07 -63.39	117.89 -0.85 -25.67	106.08 -2.43 -1.29	66.27 -1.46 -0.32	83.61 -1.40 0.00
NEG CENTRAL___SENECA 23627	61.56 -0.72 0.00	89.15 -1.84 -0.25	95.33 -2.36 0.00	79.70 -1.69 0.00	76.73 -1.19 -0.20	58.37 -0.68 -4.38	52.63 -0.49 -7.67	124.81 -1.46 -0.87	71.99 -0.98 -3.88	51.26 -0.28 -6.76	43.88 -0.52 -8.92	43.61 -0.66 -6.21	39.30 -0.49 -9.20	73.18 -1.38 -6.74	77.73 -1.33 -7.80	80.55 -1.59 -5.81	78.78 -0.85 -5.98	54.60 -0.38 -14.58	63.38 -0.36 -15.09	58.85 -0.21 -15.52	98.51 -1.24 -6.68	105.48 -2.65 -0.90	66.35 -1.33 -0.27	83.50 -1.51 0.00
NEG CENTRAL___STATE_STREET 24147	62.64 0.35 0.00	91.23 0.27 -0.23	97.95 0.27 0.00	81.75 0.36 0.00	78.39 0.49 -0.18	58.88 0.22 -3.98	52.69 0.27 -6.97	127.25 1.06 -0.79	73.13 0.53 -3.51	50.00 0.45 -4.78	41.39 0.22 -5.70	41.61 0.16 -3.40	35.44 0.16 -4.68	69.33 0.26 -1.25	72.68 0.34 -1.07	78.20 0.41 -1.46	77.27 0.74 -2.87	48.98 0.49 -8.07	55.38 0.59 -6.13	49.82 0.54 -5.75	96.65 0.81 -2.77	108.22 0.22 -0.77	68.03 0.37 -0.24	85.64 0.63 0.00
NEG MILLWOOD___DRP 24198	68.79 6.33 -0.18	101.56 9.23 -1.60	107.50 9.82 0.00	89.70 8.31 0.00	87.09 8.13 -1.23	94.91 5.87 -34.37	120.88 4.95 -70.48	160.41 13.29 -21.71	173.08 7.38 -96.61	168.72 4.86 -119.08	156.99 3.84 -117.68	138.38 4.12 -96.20	116.07 3.29 -82.19	115.16 7.12 -40.23	114.38 7.47 -35.65	118.72 8.16 -34.23	169.15 7.94 -87.55	267.02 4.46 -222.14	222.83 4.82 -168.75	206.58 4.82 -158.22	179.27 10.06 -76.14	139.71 11.36 -21.12	79.73 7.15 -5.18	93.86 8.85 0.00
NEG NORTH_FLCN_SEA 23793	60.70 -1.59 0.00	88.67 -2.06 0.00	95.32 -2.37 0.00	79.16 -2.23 0.00	75.32 -2.40 0.00	52.49 -2.18 0.00	-9.28 -1.78 52.95	1.85 -4.36 119.19	53.21 -2.42 13.46	43.10 -1.68 0.00	34.08 -1.40 0.00	36.57 -1.49 0.00	29.34 -1.26 0.00	17.74 -2.68 47.39	68.77 -2.50 0.00	74.05 -2.28 0.00	71.26 -2.40 0.00	22.70 -1.64 16.08	46.70 -1.96 0.00	41.89 -1.65 0.00	77.93 -3.27 11.87	104.38 -2.85 0.00	65.72 -1.69 0.00	83.13 -1.88 0.00
NEG NORTH_KES_CHATEGAY 23792	60.12 -2.17 0.00	87.62 -3.11 0.00	94.30 -3.38 0.00	78.30 -3.09 0.00	74.64 -3.08 0.00	52.27 -2.41 0.00	48.63 -1.94 -5.11	132.28 -4.64 -11.51	67.71 -2.68 -1.30	42.86 -1.91 0.00	33.89 -1.59 0.00	36.43 -1.63 0.00	29.19 -1.41 0.00	69.52 -2.87 -4.58	68.47 -2.79 0.00	73.57 -2.76 0.00	70.91 -2.74 0.00	22.63 -1.76 16.02	46.53 -2.12 0.00	41.72 -1.82 0.00	90.84 -3.37 -1.15	104.26 -2.96 0.00	65.41 -2.00 0.00	82.37 -2.65 0.00
NEG NORTH___ALICE_FALLS 23915	61.06 -1.22 0.00	89.16 -1.57 0.00	95.81 -1.87 0.00	79.58 -1.81 0.00	75.83 -1.90 0.00	52.97 -1.71 0.00	80.67 -1.33 -36.55	204.66 -3.03 -82.28	76.66 -1.73 -9.29	43.50 -1.27 0.00	34.38 -1.09 0.00	36.91 -1.15 0.00	29.60 -0.99 0.00	98.48 -2.06 -32.71	69.44 -1.83 0.00	74.78 -1.55 0.00	72.02 -1.63 0.00	23.16 -1.19 16.07	47.26 -1.39 0.00	42.37 -1.17 0.00	99.01 -2.25 -8.19	105.49 -1.74 0.00	66.32 -1.09 0.00	83.73 -1.28 0.00
NEG NORTH___LWR_SARANAC 23913	61.06 -1.22 0.00	89.16 -1.57 0.00	95.81 -1.87 0.00	79.58 -1.81 0.00	75.83 -1.90 0.00	52.97 -1.71 0.00	80.67 -1.33 -36.55	204.66 -3.03 -82.28	76.66 -1.73 -9.29	43.50 -1.27 0.00	34.38 -1.09 0.00	36.91 -1.15 0.00	29.60 -0.99 0.00	98.48 -2.06 -32.71	69.44 -1.83 0.00	74.78 -1.55 0.00	72.02 -1.63 0.00	23.16 -1.19 16.07	47.26 -1.39 0.00	42.37 -1.17 0.00	99.01 -2.25 -8.19	105.49 -1.74 0.00	66.32 -1.09 0.00	83.73 -1.28 0.00
NEG NORTH___PLATTSBURG 23628	61.07 -1.22 0.00	89.16 -1.57 0.00	95.81 -1.87 0.00	79.57 -1.82 0.00	75.82 -1.90 0.00	52.97 -1.71 0.00	80.67 -1.33 -36.55	204.66 -3.02 -82.28	76.64 -1.74 -9.29	43.51 -1.27 0.00	34.38 -1.09 0.00	36.92 -1.14 0.00	29.60 -0.99 0.00	98.50 -2.03 -32.71	69.42 -1.84 0.00	74.79 -1.54 0.00	71.99 -1.66 0.00	23.15 -1.19 16.07	47.27 -1.39 0.00	42.37 -1.17 0.00	99.01 -2.25 -8.19	105.49 -1.74 0.00	66.32 -1.09 0.00	83.73 -1.28 0.00
NEG WEST_LEA_LOCKPORT 23791	56.63 -5.66 0.00	81.91 -9.08 -0.26	87.14 -10.54 0.00	72.84 -8.56 0.00	70.28 -7.65 -0.20	53.65 -5.44 -4.42	48.11 -5.07 -7.74	113.44 -12.84 -0.88	65.36 -7.64 -3.91	43.19 -4.90 -3.32	34.16 -4.11 -2.80	34.33 -4.21 -0.49	27.03 -3.36 0.21	54.74 -7.27 5.80	55.75 -7.83 7.67	63.90 -8.42 4.01	65.64 -7.45 0.56	37.65 -4.18 -1.41	39.72 -4.63 4.30	33.55 -4.13 5.86	81.79 -9.50 1.77	95.54 -12.48 -0.79	60.45 -7.24 -0.27	77.03 -7.98 0.00
NEG WEST___LANCASTER 23811	59.81 -2.48 0.00	86.48 -4.55 -0.30	92.36 -5.33 0.00	77.22 -4.17 0.00	74.13 -3.83 -0.23	56.94 -2.91 -5.18	51.62 -2.89 -9.07	119.90 -6.54 -1.04	69.61 -4.10 -4.61	46.52 -2.51 -4.26	37.10 -2.27 -3.90	36.98 -2.22 -1.14	29.54 -1.72 -0.67	58.66 -3.56 5.59	59.89 -3.86 7.51	68.25 -4.31 3.77	70.14 -3.50 0.01	41.19 -2.21 -2.98	42.92 -2.59 3.14	36.49 -2.26 4.80	87.04 -4.78 1.25	101.44 -6.73 -0.94	64.00 -3.74 -0.32	81.28 -3.73 0.00
NEG_PENN_ALLEGHNY 23528	62.50 0.22 0.00	91.31 0.03 -0.55	97.79 0.11 0.00	81.69 0.30 0.00	78.34 0.19 -0.42	64.27 0.17 -9.42	62.11 0.14 -16.52	128.23 0.90 -1.92	78.03 0.39 -8.54	56.76 0.40 -11.57	49.38 0.19 -13.72	46.42 0.10 -8.26	41.93 0.14 -11.19	71.08 0.23 -3.03	74.21 0.34 -2.61	80.08 0.26 -3.49	81.17 0.53 -6.98	60.34 0.28 -19.64	63.90 0.32 -14.92	57.88 0.35 -13.99	100.49 0.69 -6.73	109.29 0.19 -1.87	68.20 0.19 -0.59	85.56 0.55 0.00
NEG___GEN_MONROE 24207	60.00 -2.29 0.00	87.02 -3.92 -0.21	92.99 -4.69 0.00	77.62 -3.77 0.00	74.70 -3.19 -0.16	56.19 -2.15 -3.67	49.91 -1.96 -6.42	121.66 -4.46 -0.72	69.53 -2.78 -3.22	47.37 -1.78 -4.38	39.08 -1.63 -5.23	39.45 -1.71 -3.11	33.49 -1.41 -4.31	65.91 -3.06 -1.14	68.92 -3.33 -0.98	74.31 -3.36 -1.34	73.77 -2.52 -2.63	46.41 -1.41 -7.40	52.73 -1.54 -5.62	47.40 -1.41 -5.27	92.26 -3.34 -2.54	102.92 -5.01 -0.70	64.69 -2.94 -0.22	81.89 -3.12 0.00

NEPA___ENERGY 23901	58.62 -3.67 0.00	84.77 -6.24 -0.28	90.37 -7.31 0.00	75.52 -5.87 0.00	72.53 -5.41 -0.22	55.58 -3.98 -4.89	50.24 -3.77 -8.56	116.96 -9.41 -0.98	67.89 -5.55 -4.35	44.42 -3.50 -3.15	34.36 -3.26 -2.15	34.42 -3.29 0.34	26.29 -2.60 1.70	53.87 -5.58 8.38	54.25 -6.10 10.91	63.71 -6.64 5.98	66.50 -5.52 1.64	36.88 -3.07 0.47	37.38 -3.49 7.77	30.63 -3.08 9.83	83.06 -6.74 3.27	99.00 -9.08 -0.86	62.49 -5.22 -0.30	79.72 -5.29 0.00
NEVERSINK___HYD 23608	67.38 5.27 0.17	99.78 7.61 -1.44	105.80 8.12 0.00	88.33 6.94 0.00	85.62 6.78 -1.11	89.19 4.99 -29.53	108.58 4.29 -58.84	153.22 11.62 -16.20	147.63 6.48 -72.06	139.12 4.88 -89.46	128.49 3.76 -89.26	110.32 3.92 -68.35	92.32 2.78 -58.95	100.05 5.37 -26.86	100.36 5.79 -23.30	104.54 6.72 -21.50	141.18 6.80 -60.72	210.01 3.90 -165.70	179.21 4.69 -125.87	165.69 4.14 -118.02	158.59 8.73 -56.79	132.73 9.75 -15.75	77.40 6.05 -3.94	92.45 7.44 0.00
NEWKRMKL_115KV_TB1 55635	65.18 2.90 0.00	97.06 4.25 -2.08	102.20 4.51 0.00	85.09 3.70 0.00	82.65 3.32 -1.61	89.27 2.39 -32.21	98.30 2.00 -50.85	128.63 4.76 1.53	65.09 2.82 6.82	44.02 1.98 2.74	46.79 1.62 -9.69	33.39 1.68 6.35	53.49 1.41 -21.48	68.79 2.87 1.90	72.49 2.76 1.53	85.15 2.95 -5.87	71.56 2.72 4.81	26.32 1.59 15.69	38.66 1.93 11.91	33.99 1.63 11.17	90.88 3.19 5.38	109.61 3.88 1.49	70.71 2.94 -0.36	88.72 3.72 0.00
NEWTON___FALLS_HYD 23847	59.46 -2.83 0.00	86.63 -4.14 -0.04	93.69 -3.99 0.00	78.09 -3.31 0.00	74.66 -3.10 -0.03	53.28 -2.08 -0.69	45.10 -1.47 -1.11	122.46 -2.94 0.00	67.46 -1.63 0.00	43.41 -1.48 -0.11	34.50 -1.33 -0.36	36.49 -1.57 0.00	29.72 -1.39 -0.51	64.74 -3.08 0.00	67.85 -3.42 0.00	72.83 -3.63 -0.14	70.97 -2.69 0.00	24.31 -1.73 14.38	46.60 -2.05 0.00	41.71 -1.82 0.00	90.31 -2.76 0.00	105.42 -1.81 0.00	66.34 -1.08 -0.01	83.55 -1.46 0.00
NGRID_A1_DSASP 323792	55.99 -6.30 0.00	80.95 -10.04 -0.26	86.10 -11.58 0.00	71.97 -9.42 0.00	69.46 -8.47 -0.20	53.11 -6.06 -4.50	47.67 -5.65 -7.87	111.92 -14.38 -0.89	64.71 -8.37 -3.98	42.66 -5.52 -3.41	33.88 -4.49 -2.89	33.98 -4.61 -0.54	26.74 -3.71 0.14	54.02 -7.98 5.81	55.02 -8.55 7.69	63.03 -9.28 4.01	65.11 -8.02 0.52	37.23 -4.72 -1.54	39.08 -5.33 4.24	33.07 -4.64 5.83	80.55 -10.78 1.74	94.24 -13.79 -0.81	59.63 -8.05 -0.28	76.40 -8.61 0.00
NGRID_A2_DSASP 323793	55.99 -6.30 0.00	80.95 -10.04 -0.26	86.10 -11.58 0.00	71.97 -9.42 0.00	69.46 -8.47 -0.20	53.11 -6.06 -4.50	47.67 -5.65 -7.87	111.92 -14.38 -0.89	64.71 -8.37 -3.98	42.66 -5.52 -3.41	33.88 -4.49 -2.89	33.98 -4.61 -0.54	26.74 -3.71 0.14	54.02 -7.98 5.81	55.02 -8.55 7.69	63.03 -9.28 4.01	65.11 -8.02 0.52	37.23 -4.72 -1.54	39.08 -5.33 4.24	33.07 -4.64 5.83	80.55 -10.78 1.74	94.24 -13.79 -0.81	59.63 -8.05 -0.28	76.40 -8.61 0.00
NGRID_A4_DSASP 323807	55.99 -6.30 0.00	80.95 -10.04 -0.26	86.10 -11.58 0.00	71.97 -9.42 0.00	69.46 -8.47 -0.20	53.11 -6.06 -4.50	47.67 -5.65 -7.87	111.92 -14.38 -0.89	64.71 -8.37 -3.98	42.66 -5.52 -3.41	33.88 -4.49 -2.89	33.98 -4.61 -0.54	26.74 -3.71 0.14	54.02 -7.98 5.81	55.02 -8.55 7.69	63.03 -9.28 4.01	65.11 -8.02 0.52	37.23 -4.72 -1.54	39.08 -5.33 4.24	33.07 -4.64 5.83	80.55 -10.78 1.74	94.24 -13.79 -0.81	59.63 -8.05 -0.28	76.40 -8.61 0.00
NIAGARA_115E_LBMP 323715	55.83 -6.45 0.00	80.82 -10.18 -0.26	85.87 -11.81 0.00	71.78 -9.61 0.00	69.35 -8.58 -0.20	53.03 -6.15 -4.51	47.58 -5.77 -7.89	111.53 -14.77 -0.90	64.56 -8.53 -4.00	42.61 -5.59 -3.42	33.92 -4.46 -2.91	33.98 -4.62 -0.54	26.82 -3.63 0.14	54.23 -7.76 5.82	55.22 -8.33 7.71	62.96 -9.35 4.02	64.94 -8.20 0.52	37.41 -4.56 -1.55	39.54 -4.91 4.21	33.46 -4.32 5.77	80.62 -10.70 1.74	93.94 -14.09 -0.81	59.55 -8.14 -0.28	75.91 -9.10 0.00
NIAGARA_115W_LBMP 323714	55.90 -6.38 0.00	80.79 -10.20 -0.26	85.96 -11.72 0.00	71.85 -9.54 0.00	69.33 -8.60 -0.20	53.02 -6.14 -4.49	47.58 -5.73 -7.86	111.67 -14.62 -0.89	64.57 -8.50 -3.98	42.59 -5.60 -3.41	33.83 -4.55 -2.90	33.93 -4.68 -0.55	26.71 -3.77 0.12	53.94 -8.12 5.77	54.94 -8.68 7.64	62.92 -9.43 3.98	65.00 -8.15 0.51	37.19 -4.80 -1.57	39.05 -5.42 4.18	33.05 -4.72 5.77	80.38 -10.97 1.72	94.05 -13.98 -0.81	59.53 -8.16 -0.28	76.29 -8.72 0.00
NIAGARA_230_LBMP 323716	56.47 -5.82 0.00	81.69 -9.30 -0.26	86.98 -10.70 0.00	72.70 -8.69 0.00	70.10 -7.82 -0.20	53.52 -5.59 -4.43	48.00 -5.20 -7.76	113.02 -13.26 -0.88	65.34 -7.68 -3.92	43.12 -5.10 -3.44	34.30 -4.18 -3.00	34.44 -4.29 -0.67	27.29 -3.40 -0.10	55.14 -7.27 5.41	56.31 -7.76 7.20	64.13 -8.49 3.71	66.02 -7.28 0.35	37.93 -4.33 -1.84	40.05 -4.90 3.70	34.00 -4.32 5.22	81.69 -9.88 1.50	95.30 -12.72 -0.80	60.25 -7.43 -0.27	76.77 -8.24 0.00
NIAGARA___115KV_198_GIBSON 55903	55.90 -6.39 0.00	80.77 -10.22 -0.26	85.96 -11.72 0.00	71.83 -9.56 0.00	69.33 -8.60 -0.20	53.02 -6.15 -4.49	47.59 -5.72 -7.86	111.65 -14.64 -0.89	64.35 -8.72 -3.98	42.63 -5.55 -3.41	33.73 -4.65 -2.90	33.78 -4.83 -0.55	26.64 -3.84 0.12	53.73 -8.32 5.77	54.67 -8.95 7.64	62.88 -9.47 3.98	64.66 -8.49 0.51	37.09 -4.89 -1.57	38.92 -5.55 4.18	32.86 -4.91 5.77	80.24 -11.11 1.72	93.97 -14.05 -0.81	59.51 -8.18 -0.28	76.30 -8.71 0.00
NIAGARA___ 23760	56.47 -5.82 0.00	81.69 -9.30 -0.26	86.98 -10.70 0.00	72.70 -8.69 0.00	70.11 -7.82 -0.20	53.57 -5.59 -4.49	48.08 -5.20 -7.84	113.03 -13.26 -0.89	65.38 -7.68 -3.96	43.12 -5.10 -3.44	34.27 -4.18 -2.97	34.39 -4.29 -0.63	27.21 -3.40 -0.02	55.00 -7.27 5.55	56.13 -7.76 7.37	64.01 -8.49 3.83	65.95 -7.28 0.42	37.83 -4.33 -1.75	39.90 -4.90 3.85	33.86 -4.32 5.36	81.61 -9.88 1.58	95.31 -12.72 -0.80	60.26 -7.43 -0.27	76.77 -8.24 0.00
NINE_MILE_1 23575	59.82 -2.47 0.00	87.18 -3.64 -0.09	93.74 -3.94 0.00	78.14 -3.25 0.00	74.78 -3.02 -0.07	54.10 -2.04 -1.47	46.15 -1.67 -2.37	120.84 -4.56 0.00	66.59 -2.50 0.00	43.42 -1.60 -0.24	35.02 -1.22 -0.76	36.71 -1.35 0.00	30.60 -1.09 -1.09	65.29 -2.52 0.00	68.58 -2.68 0.00	73.78 -2.84 -0.29	71.08 -2.58 0.00	39.06 -1.36 0.00	46.98 -1.67 0.00	42.06 -1.48 0.00	89.66 -3.41 0.00	103.02 -4.21 0.00	64.85 -2.59 -0.03	81.80 -3.21 0.00
NINE_MILE_2 23744	59.82 -2.47 0.00	87.18 -3.64 -0.09	93.74 -3.94 0.00	78.14 -3.25 0.00	74.78 -3.02 -0.07	54.10 -2.04 -1.46	46.14 -1.67 -2.36	120.84 -4.56 0.00	66.59 -2.50 0.00	43.42 -1.60 -0.24	35.02 -1.22 -0.76	36.71 -1.35 0.00	30.59 -1.09 -1.09	65.29 -2.52 0.00	68.58 -2.68 0.00	73.78 -2.84 -0.29	71.08 -2.58 0.00	39.06 -1.36 0.00	46.98 -1.67 0.00	42.06 -1.48 0.00	89.66 -3.41 0.00	103.02 -4.21 0.00	64.85 -2.59 -0.03	81.80 -3.21 0.00
NM_CAPITAL___DRP 24208	65.16 2.88 0.00	97.09 4.28 -2.08	102.20 4.51 0.00	85.09 3.70 0.00	82.73 3.40 -1.60	89.30 2.45 -32.17	98.37 2.04 -50.88	128.74 4.75 1.41	65.64 2.83 6.29	44.68 2.02 2.11	47.37 1.67 -10.23	33.99 1.75 5.81	53.83 1.46 -21.77	69.11 2.96 1.67	72.80 2.87 1.33	85.48 3.13 -6.02	72.15 2.82 4.33	27.62 1.66 14.46	39.67 2.00 10.98	34.93 1.69 10.30	91.43 3.32 4.96	109.89 4.04 1.37	70.78 2.99 -0.38	88.77 3.77 0.00

NM_CENTRAL___DRP 24181	61.39 -0.89 0.00	89.45 -1.44 -0.16	96.06 -1.62 0.00	80.14 -1.25 0.00	76.74 -1.11 -0.12	56.73 -0.67 -2.72	49.71 -0.49 -4.75	124.77 -1.16 -0.53	70.78 -0.65 -2.34	47.62 -0.35 -3.19	39.01 -0.29 -3.83	40.01 -0.36 -2.31	33.65 -0.27 -3.33	68.07 -0.69 -0.93	71.35 -0.73 -0.82	76.71 -0.75 -1.14	75.20 -0.52 -2.06	45.56 -0.23 -5.38	52.41 -0.33 -4.09	47.07 -0.30 -3.83	94.05 -0.87 -1.84	106.25 -1.49 -0.51	66.65 -0.92 -0.16	83.96 -1.05 0.00
NM_FRONTIER___DRP 24179	55.90 -6.39 0.00	80.77 -10.22 -0.26	85.96 -11.72 0.00	71.83 -9.56 0.00	69.33 -8.60 -0.20	53.02 -6.15 -4.49	47.59 -5.72 -7.86	111.65 -14.64 -0.89	64.35 -8.72 -3.98	42.63 -5.55 -3.41	33.73 -4.65 -2.90	33.78 -4.83 -0.55	26.64 -3.84 0.12	53.73 -8.32 5.77	54.67 -8.95 7.64	62.88 -9.47 3.98	64.66 -8.49 0.51	37.09 -4.89 -1.57	38.92 -5.55 4.18	32.86 -4.91 5.77	80.24 -11.11 1.72	93.97 -14.05 -0.81	59.51 -8.18 -0.28	76.30 -8.71 0.00
NM_ST_REGIS___HYD 24053	59.85 -2.44 0.00	87.14 -3.59 0.00	93.90 -3.79 0.00	78.04 -3.35 0.00	74.49 -3.24 0.00	52.25 -2.42 0.00	44.95 -1.82 -1.32	124.27 -4.10 -2.96	67.07 -2.36 -0.33	42.92 -1.85 0.00	33.88 -1.59 0.00	36.41 -1.65 0.00	29.13 -1.46 0.00	65.99 -2.99 -1.17	68.21 -3.05 0.00	73.12 -3.21 0.00	70.85 -2.81 0.00	22.98 -1.99 15.45	46.25 -2.40 0.00	41.45 -2.09 0.00	90.16 -3.20 -0.29	105.26 -1.97 0.00	66.12 -1.29 0.00	83.49 -1.52 0.00
NORTHPORT___1 23551	114.00 7.32 -44.40	195.37 10.06 -94.58	120.74 11.58 -11.48	90.87 9.48 0.00	88.34 9.39 -1.22	95.73 6.85 -34.21	137.63 5.56 -86.61	167.06 14.33 -27.33	173.79 7.47 -97.22	169.35 4.81 -119.77	161.17 4.01 -121.69	139.65 4.42 -97.17	117.74 3.46 -83.69	120.84 7.89 -45.13	115.90 7.92 -36.71	175.54 8.93 -90.28	192.12 8.30 -110.16	267.86 3.91 -223.53	223.65 5.19 -169.81	207.44 4.69 -159.21	179.80 10.11 -76.62	140.36 11.89 -21.25	80.68 8.07 -5.20	102.05 10.33 -6.72
NORTHPORT___2 23552	114.00 7.32 -44.40	195.37 10.06 -94.58	120.74 11.58 -11.48	90.87 9.48 0.00	88.34 9.39 -1.22	95.73 6.85 -34.21	137.63 5.56 -86.61	167.06 14.33 -27.33	173.79 7.47 -97.22	169.35 4.81 -119.77	161.17 4.01 -121.69	139.65 4.42 -97.17	117.74 3.46 -83.69	120.84 7.89 -45.13	115.90 7.92 -36.71	175.54 8.93 -90.28	192.12 8.30 -110.16	267.86 3.91 -223.53	223.65 5.19 -169.81	207.44 4.69 -159.21	179.80 10.11 -76.62	140.36 11.89 -21.25	80.68 8.07 -5.20	102.05 10.33 -6.72
NORTHPORT___3 23553	113.83 7.15 -44.40	195.44 9.99 -94.72	120.51 11.31 -11.52	90.71 9.32 0.00	88.13 9.17 -1.22	95.58 6.70 -34.21	137.47 5.40 -86.61	166.46 13.73 -27.33	173.50 7.18 -97.22	169.18 4.64 -119.77	161.06 3.90 -121.69	139.60 4.38 -97.17	117.68 3.39 -83.69	120.68 7.73 -45.13	115.84 7.87 -36.71	175.31 8.70 -90.28	191.80 7.99 -110.16	267.83 3.88 -223.53	223.43 4.98 -169.81	207.30 4.55 -159.21	179.54 9.85 -76.62	140.25 11.77 -21.25	80.65 8.04 -5.20	101.97 10.24 -6.72
NORTHPORT___4 23650	113.83 7.15 -44.40	195.44 9.99 -94.72	120.51 11.31 -11.52	90.71 9.32 0.00	88.13 9.17 -1.22	95.58 6.70 -34.21	137.47 5.40 -86.61	166.46 13.73 -27.33	173.50 7.18 -97.22	169.18 4.64 -119.77	161.06 3.90 -121.69	139.60 4.38 -97.17	117.68 3.39 -83.69	120.68 7.73 -45.13	115.84 7.87 -36.71	175.31 8.70 -90.28	191.80 7.99 -110.16	267.83 3.88 -223.53	223.43 4.98 -169.81	207.30 4.55 -159.21	179.54 9.85 -76.62	140.25 11.77 -21.25	80.65 8.04 -5.20	101.97 10.24 -6.72
NORTHPORT___IC 23718	114.01 7.32 -44.40	195.37 10.05 -94.58	120.76 11.60 -11.48	90.87 9.48 0.00	88.34 9.38 -1.22	95.73 6.85 -34.21	137.63 5.57 -86.61	167.11 14.38 -27.33	173.83 7.52 -97.22	169.34 4.80 -119.77	161.22 4.06 -121.69	139.71 4.48 -97.17	117.76 3.47 -83.69	120.91 7.97 -45.13	115.94 7.96 -36.71	175.56 8.95 -90.28	192.26 8.44 -110.16	267.97 4.02 -223.53	223.72 5.26 -169.80	207.52 4.77 -159.21	179.80 10.11 -76.62	140.36 11.88 -21.25	80.69 8.07 -5.20	102.06 10.33 -6.72
NORTH___COUNTRY_ESR 323785	59.82 -2.47 0.00	87.20 -3.53 0.00	93.84 -3.84 0.00	77.96 -3.43 0.00	74.28 -3.45 0.00	51.98 -2.69 0.00	47.56 -2.16 -4.28	129.73 -5.29 -9.63	67.14 -3.04 -1.09	42.64 -2.13 0.00	33.72 -1.76 0.00	36.28 -1.78 0.00	29.06 -1.54 0.00	68.51 -3.14 -3.83	68.17 -3.10 0.00	73.25 -3.08 0.00	70.51 -3.14 0.00	22.40 -2.00 16.02	46.27 -2.38 0.00	41.47 -2.07 0.00	90.15 -3.87 -0.96	103.70 -3.52 0.00	65.11 -2.31 0.00	82.04 -2.97 0.00
NPX_GEN_1385_PROXY 323591	114.00 7.32 -44.40	195.37 10.06 -94.58	120.74 11.58 -11.48	90.87 9.48 0.00	88.34 9.39 -1.22	95.73 6.85 -34.21	137.63 5.56 -86.61	167.06 14.33 -27.33	173.79 7.47 -97.22	169.35 4.81 -119.77	161.17 4.01 -121.69	139.65 4.42 -97.17	117.74 3.46 -83.69	120.84 7.89 -45.13	115.90 7.92 -36.71	175.54 8.93 -90.28	192.12 8.30 -110.16	267.86 3.91 -223.53	223.65 5.19 -169.81	207.44 4.69 -159.21	179.80 10.11 -76.62	140.36 11.89 -21.25	85.44 8.07 -9.95	102.05 10.33 -6.72
NPX_GEN_CSC 323557	114.28 7.59 -44.40	195.07 9.91 -94.42	121.27 12.15 -11.43	91.31 9.92 0.00	88.81 9.86 -1.22	96.13 7.24 -34.21	137.71 5.65 -86.61	167.35 14.62 -27.33	173.80 7.48 -97.22	169.25 4.71 -119.77	160.81 3.64 -121.69	139.30 4.08 -97.17	117.24 2.95 -83.69	120.51 7.57 -45.13	114.92 6.94 -36.71	174.89 8.27 -90.28	191.67 7.86 -110.16	267.42 3.47 -223.53	223.34 4.88 -169.81	207.30 4.55 -159.21	179.44 9.75 -76.62	139.88 11.40 -21.25	85.28 7.92 -9.95	102.51 10.78 -6.72
NSINS_S___GLNS_FALLS 23858	65.53 3.24 0.00	97.81 4.94 -2.14	103.01 5.32 0.00	85.97 4.57 0.00	84.14 4.76 -1.65	91.58 3.60 -33.31	101.58 3.14 -52.99	132.29 7.90 1.01	69.10 4.48 4.48	47.91 2.94 -0.19	50.40 2.25 -12.68	36.26 2.25 4.04	56.05 1.88 -23.57	70.79 3.96 0.99	75.02 4.49 0.74	88.44 5.45 -6.66	76.17 5.29 2.78	33.06 2.94 10.30	44.45 3.62 7.82	39.29 3.10 7.34	95.51 5.97 3.53	112.86 6.62 0.98	72.10 4.20 -0.49	89.86 4.85 0.00
NUCOR_STEEL___DRP 24197	62.64 0.35 0.00	91.27 0.31 -0.22	98.02 0.34 0.00	81.80 0.41 0.00	78.42 0.52 -0.17	58.72 0.21 -3.85	52.43 0.25 -6.73	127.16 1.00 -0.76	72.95 0.48 -3.38	49.77 0.39 -4.60	41.17 0.20 -5.49	41.47 0.14 -3.27	35.26 0.14 -4.52	69.26 0.24 -1.20	72.60 0.30 -1.04	78.11 0.38 -1.41	77.12 0.69 -2.77	48.65 0.46 -7.78	55.10 0.54 -5.91	49.56 0.49 -5.54	96.52 0.78 -2.67	108.20 0.24 -0.74	68.07 0.42 -0.24	85.68 0.67 0.00
NUMBER_THREE_WT_PWR 323818	60.39 -1.90 0.00	88.03 -2.76 -0.06	95.61 -2.07 0.00	79.85 -1.54 0.00	76.47 -1.31 -0.05	54.97 -0.65 -0.94	46.70 -0.26 -1.52	126.03 0.63 0.00	69.61 0.51 0.00	44.77 -0.16 -0.15	35.70 -0.26 -0.49	37.49 -0.56 0.00	30.74 -0.56 -0.70	66.39 -1.43 0.00	69.41 -1.86 0.00	74.49 -2.03 -0.18	72.76 -0.89 0.00	24.71 -0.65 15.05	47.93 -0.72 0.00	42.85 -0.68 0.00	92.58 -0.49 0.00	107.35 0.12 0.00	67.58 0.15 -0.02	84.81 -0.20 0.00
NYISO_LBMP_REFERENCE 24008	62.29 0.00 0.00	90.73 0.00 0.00	97.68 0.00 0.00	81.39 0.00 0.00	77.73 0.00 0.00	54.67 0.00 0.00	45.45 0.00 0.00	125.40 0.00 0.00	69.10 0.00 0.00	44.77 0.00 0.00	35.47 0.00 0.00	38.06 0.00 0.00	30.60 0.00 0.00	67.82 0.00 0.00	71.26 0.00 0.00	76.33 0.00 0.00	73.66 0.00 0.00	40.42 0.00 0.00	48.65 0.00 0.00	43.54 0.00 0.00	93.07 0.00 0.00	107.23 0.00 0.00	67.41 0.00 0.00	85.01 0.00 0.00

NYPA_BRENTWD____GT 24164	114.83	195.85	121.80	91.85	89.28	96.42	138.24	168.91	174.80	169.96	161.65	140.12	118.08	121.62	116.72	176.53	193.26	268.36	224.20	208.17	181.28	141.95	81.59	103.19
	8.14	11.07	12.79	10.46	10.33	7.54	6.17	16.17	8.49	5.42	4.48	4.90	3.79	8.68	8.74	9.91	9.44	4.41	5.75	5.42	11.59	13.48	8.98	11.46
	-44.40	-94.06	-11.33	0.00	-1.22	-34.21	-86.61	-27.33	-97.22	-119.77	-121.69	-97.17	-83.69	-45.13	-36.71	-90.28	-110.16	-223.53	-169.81	-159.21	-76.62	-21.25	-5.20	-6.72
NYPA_GOWANUS____GT5 24156	87.57	153.12	150.46	150.17	150.20	151.85	155.89	176.38	424.38	369.26	777.70	338.70	338.70	338.70	625.24	387.99	373.80	382.46	342.89	559.90	582.07	771.34	262.35	98.22
	6.60	9.68	10.12	8.52	8.32	5.95	4.97	12.90	7.12	4.76	3.76	4.05	3.31	7.31	7.70	8.16	7.72	4.26	5.10	4.61	10.01	11.58	7.38	9.20
	-18.69	-52.71	-42.66	-60.26	-64.16	-91.23	-105.47	-38.09	-348.17	-319.72	-738.46	-296.59	-304.79	-263.57	-546.28	-303.50	-292.43	-337.80	-289.14	-511.75	-478.99	-652.53	-187.56	-4.00
NYPA_GOWANUS____GT6 24157	87.57	153.12	150.46	150.17	150.20	151.85	155.89	176.38	424.38	369.26	777.70	338.70	338.70	338.70	625.24	387.99	373.80	382.46	342.89	559.90	582.07	771.34	262.35	98.22
	6.60	9.68	10.12	8.52	8.32	5.95	4.97	12.90	7.12	4.76	3.76	4.05	3.31	7.31	7.70	8.16	7.72	4.26	5.10	4.61	10.01	11.58	7.38	9.20
	-18.69	-52.71	-42.66	-60.26	-64.16	-91.23	-105.47	-38.09	-348.17	-319.72	-738.46	-296.59	-304.79	-263.57	-546.28	-303.50	-292.43	-337.80	-289.14	-511.75	-478.99	-652.53	-187.56	-4.00
NYPA_HARLEM__RVR__GT1 24160	68.88	101.02	106.79	89.05	86.46	94.28	120.45	159.05	172.90	168.97	157.11	138.95	117.26	115.66	114.74	119.38	169.86	267.77	223.04	206.88	178.66	138.72	79.12	93.44
	6.03	8.70	9.11	7.66	7.51	5.40	4.70	11.81	6.62	4.46	3.46	3.75	3.00	6.57	6.78	7.46	6.96	3.88	4.63	4.17	8.99	10.25	6.51	8.42
	-0.57	-1.59	0.00	0.00	-1.22	-34.20	-70.30	-21.84	-97.19	-119.73	-118.19	-97.14	-83.66	-41.27	-36.70	-35.59	-89.25	-223.48	-169.76	-159.17	-76.60	-21.25	-5.20	0.00
NYPA_HARLEM__RVR__GT2 24161	68.88	101.02	106.79	89.05	86.46	94.28	120.45	159.05	172.90	168.97	157.11	138.95	117.26	115.66	114.74	119.38	169.86	267.77	223.04	206.88	178.66	138.72	79.12	93.44
	6.03	8.70	9.11	7.66	7.51	5.40	4.70	11.81	6.62	4.46	3.46	3.75	3.00	6.57	6.78	7.46	6.96	3.88	4.63	4.17	8.99	10.25	6.51	8.42
	-0.57	-1.59	0.00	0.00	-1.22	-34.20	-70.30	-21.84	-97.19	-119.73	-118.19	-97.14	-83.66	-41.27	-36.70	-35.59	-89.25	-223.48	-169.76	-159.17	-76.60	-21.25	-5.20	0.00
NYPA_KENT____GT 24152	80.25	132.58	133.26	126.05	125.01	129.09	141.81	161.65	182.58	176.82	180.21	146.55	125.69	125.15	139.46	134.70	180.20	272.27	227.80	223.06	198.09	184.25	109.86	96.45
	6.46	9.41	9.83	8.30	8.09	5.81	4.84	12.61	7.00	4.71	3.70	4.01	3.28	7.22	7.57	8.07	7.59	4.17	4.99	4.48	9.73	11.34	7.20	9.02
	-11.50	-32.44	-25.74	-36.36	-39.20	-68.61	-91.52	-23.65	-106.48	-127.34	-141.03	-104.49	-91.81	-50.11	-60.62	-50.31	-98.96	-227.69	-174.16	-175.04	-95.29	-65.69	-35.25	-2.42
NYPA_POUCH1____GT 24155	87.42	153.06	150.42	150.15	150.16	151.81	155.81	161.02	156.04	158.01	118.42	119.55	104.73	104.53	95.78	113.38	162.79	261.43	216.47	192.33	163.55	143.06	112.86	97.93
	6.45	9.62	10.08	8.50	8.27	5.91	4.89	12.46	6.79	4.53	3.59	3.85	3.16	6.98	7.43	7.78	7.38	4.09	4.91	4.47	9.74	11.26	7.16	8.92
	-18.69	-52.71	-42.66	-60.26	-64.16	-91.23	-105.47	-23.16	-80.15	-108.70	-79.35	-77.64	-70.98	-29.73	-17.08	-29.27	-81.75	-216.92	-162.91	-144.33	-60.74	-24.58	-38.28	-4.00
NYPA_VERNON____GT2 24162	72.92	112.04	116.10	101.93	99.85	106.31	127.76	160.40	177.95	173.01	168.89	142.91	121.63	120.58	126.59	126.50	174.94	270.14	225.58	214.64	187.98	158.31	90.79	94.68
	6.32	9.16	9.60	8.08	7.89	5.64	4.74	12.46	6.97	4.70	3.68	4.00	3.25	7.13	7.43	7.98	7.52	4.12	4.94	4.40	9.54	11.04	7.03	8.84
	-4.31	-12.16	-8.82	-12.46	-14.24	-45.99	-77.57	-22.55	-101.88	-123.54	-129.74	-100.86	-87.78	-45.63	-47.90	-42.19	-93.77	-225.61	-171.98	-166.70	-85.38	-40.04	-16.35	-0.83
NYPA_VERNON____GT3 24163	72.92	112.04	116.10	101.93	99.85	106.31	127.76	160.40	177.95	173.01	168.89	142.91	121.63	120.58	126.59	126.50	174.94	270.14	225.58	214.64	187.98	158.31	90.79	94.68
	6.32	9.16	9.60	8.08	7.89	5.64	4.74	12.46	6.97	4.70	3.68	4.00	3.25	7.13	7.43	7.98	7.52	4.12	4.94	4.40	9.54	11.04	7.03	8.84
	-4.31	-12.16	-8.82	-12.46	-14.24	-45.99	-77.57	-22.55	-101.88	-123.54	-129.74	-100.86	-87.78	-45.63	-47.90	-42.19	-93.77	-225.61	-171.98	-166.70	-85.38	-40.04	-16.35	-0.83
NYPA__ASTORIA_CC1 323568	69.09	101.35	107.13	89.36	86.72	94.42	120.43	159.45	173.13	169.13	157.27	139.14	117.47	116.11	115.27	119.79	170.27	267.94	223.26	207.02	179.01	139.36	79.55	93.74
	6.24	9.03	9.44	7.96	7.77	5.55	4.68	12.21	6.84	4.62	3.62	3.94	3.21	7.02	7.31	7.88	7.37	4.05	4.84	4.32	9.34	10.89	6.93	8.73
	-0.57	-1.59	0.00	0.00	-1.22	-34.20	-70.30	-21.84	-97.19	-119.73	-118.19	-97.14	-83.66	-41.27	-36.70	-35.59	-89.25	-223.48	-169.76	-159.17	-76.60	-21.25	-5.20	-0.01
NYPA__ASTORIA_CC2 323569	69.09	101.35	107.13	89.36	86.72	94.42	120.43	159.45	173.13	169.13	157.27	139.14	117.47	116.11	115.27	119.79	170.27	267.94	223.26	207.02	179.01	139.36	79.55	93.74
	6.24	9.03	9.44	7.96	7.77	5.55	4.68	12.21	6.84	4.62	3.62	3.94	3.21	7.02	7.31	7.88	7.37	4.05	4.84	4.32	9.34	10.89	6.93	8.73
	-0.57	-1.59	0.00	0.00	-1.22	-34.20	-70.30	-21.84	-97.19	-119.73	-118.19	-97.14	-83.66	-41.27	-36.70	-35.59	-89.25	-223.48	-169.76	-159.17	-76.60	-21.25	-5.20	-0.01
NYPA__HOLTSVILL 23794	114.27	195.18	121.12	91.19	88.64	95.97	137.77	167.51	173.95	169.43	161.22	139.73	117.75	120.92	115.86	175.63	192.35	267.90	223.76	207.62	180.14	140.70	80.90	102.51
	7.58	9.99	11.99	9.80	9.69	7.09	5.71	14.77	7.63	4.89	4.06	4.50	3.46	7.98	7.88	9.01	8.54	3.96	5.30	4.87	10.46	12.23	8.29	10.79
	-44.40	-94.45	-11.44	0.00	-1.22	-34.21	-86.61	-27.33	-97.22	-119.77	-121.69	-97.17	-83.69	-45.13	-36.71	-90.28	-110.16	-223.53	-169.81	-159.21	-76.62	-21.25	-5.20	-6.72
NYPA____HELLGATE_GT1 24158	68.88	101.02	106.79	89.05	86.46	94.28	120.45	159.05	172.90	168.97	157.11	138.95	117.26	115.66	114.74	119.37	169.80	267.75	223.02	206.84	178.66	138.72	79.12	93.44
	6.03	8.70	9.11	7.66	7.51	5.40	4.70	11.81	6.62	4.46	3.46	3.75	3.00	6.57	6.78	7.45	6.90	3.85	4.60	4.13	8.99	10.25	6.51	8.42
	-0.57	-1.59	0.00	0.00	-1.22	-34.20	-70.30	-21.84	-97.19	-119.73	-118.19	-97.14	-83.66	-41.27	-36.70	-35.59	-89.25	-223.48	-169.76	-159.17	-76.60	-21.25	-5.20	0.00
NYPA____HELLGATE_GT2 24159	68.88	101.02	106.79	89.05	86.46	94.28	120.45	159.05	172.90	168.97	157.11	138.95	117.26	115.66	114.74	119.37	169.80	267.75	223.02	206.84	178.66	138.72	79.12	93.44
	6.03	8.70	9.11	7.66	7.51	5.40	4.70	11.81	6.62	4.46	3.46	3.75	3.00	6.57	6.78	7.45	6.90	3.85	4.60	4.13	8.99	10.25	6.51	8.42
	-0.57	-1.59	0.00	0.00	-1.22	-34.20	-70.30	-21.84	-97.19	-119.73	-118.19	-97.14	-83.66	-41.27	-36.70	-35.59	-89.25	-223.48	-169.76	-159.17	-76.60	-21.25	-5.20	0.00
NYS_BARGE__HYD 23848	56.82	82.23	87.44	73.08	70.55	53.79	48.21	113.90	65.78	43.46	34.63	34.76	27.57	55.74	56.91	64.57	66.48	38.44	40.96	34.90	82.60	95.95	60.69	77.32
	-5.47	-8.76	-10.25	-8.31	-7.38	-5.27	-4.92	-12.37	-7.19	-4.75	-3.85	-3.99	-3.18	-6.79	-7.33	-8.15	-6.86	-3.87	-4.17	-3.64	-9.03	-12.07	-6.99	-7.69
	0.00	-0.25	0.00	0.00	-0.20	-4.39	-7.68	-0.87	-3.88	-3.43	-3.01	-0.70	-0.15	5.28	7.03	3.61	0.31	-1.90	3.53	4.99	1.44	-0.79	-0.27	0.00

OAK ORCHARD___HYD 24046	59.67 -2.61 0.00	86.60 -4.34 -0.21	92.62 -5.07 0.00	77.30 -4.09 0.00	74.33 -3.57 -0.16	55.87 -2.44 -3.63	49.65 -2.16 -6.36	120.95 -5.17 -0.72	69.26 -3.02 -3.19	47.10 -2.02 -4.34	38.96 -1.69 -5.18	39.36 -1.78 -3.08	33.43 -1.43 -4.27	65.88 -3.07 -1.13	68.91 -3.33 -0.97	74.13 -3.53 -1.33	73.61 -2.65 -2.61	46.16 -1.59 -7.33	52.43 -1.80 -5.57	47.17 -1.59 -5.22	91.73 -3.85 -2.51	102.45 -5.47 -0.70	64.38 -3.25 -0.22	81.42 -3.60 0.00
OAKDALE___35_KV_LOAD 356122	62.37 0.08 0.00	91.13 -0.15 -0.54	97.61 -0.07 0.00	81.54 0.15 0.00	78.20 0.05 -0.42	64.10 0.07 -9.36	61.89 0.03 -16.41	127.85 0.54 -1.91	77.78 0.20 -8.49	56.91 0.27 -11.86	49.85 0.10 -14.27	46.88 0.02 -8.80	42.76 0.07 -12.10	72.21 0.08 -4.32	75.63 0.17 -4.19	80.87 0.05 -4.49	81.59 0.32 -7.62	61.47 0.16 -20.89	65.70 0.20 -16.84	59.89 0.23 -16.13	101.03 0.40 -7.57	109.03 -0.06 -1.87	68.05 0.05 -0.59	85.38 0.37 0.00
OCC_CHEM___DRP 24175	56.00 -6.29 0.00	80.92 -10.07 -0.26	86.10 -11.58 0.00	71.97 -9.42 0.00	69.47 -8.45 -0.20	53.12 -6.05 -4.50	47.69 -5.63 -7.87	111.88 -14.41 -0.89	64.50 -8.58 -3.98	42.70 -5.48 -3.41	33.77 -4.59 -2.89	33.84 -4.76 -0.54	26.66 -3.79 0.14	53.82 -8.19 5.81	54.76 -8.82 7.69	62.99 -9.32 4.01	64.78 -8.35 0.52	37.13 -4.82 -1.54	38.95 -5.46 4.24	32.87 -4.84 5.83	80.41 -10.92 1.74	94.15 -13.88 -0.81	59.63 -8.06 -0.28	76.40 -8.61 0.00
OH_GEN_PROXY 24063	56.63 -5.66 0.00	81.94 -9.04 -0.26	87.32 -10.36 0.00	72.96 -8.42 0.00	70.28 -7.64 -0.20	53.66 -5.47 -4.45	48.18 -5.06 -7.79	113.45 -12.83 -0.89	65.61 -7.43 -3.94	43.50 -4.93 -3.66	34.80 -4.05 -3.37	34.90 -4.16 -1.00	27.93 -3.30 -0.63	56.06 -7.03 4.73	57.43 -7.48 6.36	64.97 -8.18 3.17	66.65 -7.02 -0.02	38.82 -4.20 -2.60	41.26 -4.77 2.62	35.32 -4.19 4.03	82.49 -9.55 1.03	95.75 -12.28 -0.81	65.24 -7.20 -5.03	77.00 -8.01 0.00
OLIN_CORP_DRP 24177	55.96 -6.33 0.00	80.97 -10.03 -0.26	86.07 -11.61 0.00	71.95 -9.44 0.00	69.49 -8.44 -0.20	53.19 -6.03 -4.54	47.77 -5.63 -7.95	111.82 -14.48 -0.90	64.54 -8.57 -4.02	42.71 -5.49 -3.42	33.85 -4.51 -2.89	33.98 -4.59 -0.51	26.76 -3.63 0.20	54.00 -7.88 5.94	54.94 -8.46 7.86	63.00 -9.22 4.11	64.73 -8.36 0.57	37.25 -4.65 -1.48	39.19 -5.10 4.36	33.04 -4.55 5.95	80.70 -10.56 1.80	94.15 -13.89 -0.81	59.67 -8.02 -0.28	76.08 -8.92 0.00
OLIN_CORP_DSASP 323712	55.99 -6.30 0.00	80.95 -10.04 -0.26	86.10 -11.58 0.00	71.97 -9.42 0.00	69.46 -8.47 -0.20	53.11 -6.06 -4.50	47.67 -5.65 -7.87	111.92 -14.38 -0.89	64.71 -8.37 -3.98	42.66 -5.52 -3.41	33.88 -4.49 -2.89	33.98 -4.61 -0.54	26.74 -3.71 0.14	54.02 -7.98 5.81	55.02 -8.55 7.69	63.03 -9.28 4.01	65.11 -8.02 0.52	37.23 -4.72 -1.54	39.08 -5.33 4.24	33.07 -4.64 5.83	80.55 -10.78 1.74	94.24 -13.79 -0.81	59.63 -8.05 -0.28	76.40 -8.61 0.00
ONEIDA_HERK_LFGE 323681	62.89 0.60 0.00	91.66 0.88 -0.05	98.97 1.28 0.00	82.57 1.18 0.00	79.04 1.27 -0.04	56.58 1.08 -0.83	47.87 1.10 -1.33	129.08 3.68 0.00	71.21 2.12 0.00	46.13 1.21 -0.13	36.78 0.88 -0.43	38.88 0.82 0.00	31.84 0.63 -0.61	69.09 1.27 0.00	72.44 1.18 0.00	77.82 1.33 -0.16	75.46 1.81 0.00	44.70 0.89 -3.39	49.75 1.10 0.00	44.50 0.96 0.00	95.40 2.33 0.00	109.95 2.72 0.00	69.11 1.68 -0.02	86.90 1.89 0.00
ONEIDA___115KV_TB4 55905	64.01 1.72 0.00	93.41 2.58 -0.10	100.47 2.79 0.00	83.83 2.44 0.00	80.29 2.49 -0.08	58.21 1.94 -1.60	49.83 1.81 -2.57	130.72 5.32 0.00	72.03 2.94 0.00	46.98 1.95 -0.26	37.78 1.48 -0.83	39.55 1.49 0.00	33.01 1.23 -1.19	70.47 2.66 0.00	74.06 2.80 0.00	79.78 3.13 -0.32	76.92 3.27 0.00	43.50 1.65 -1.43	50.62 1.97 0.00	45.27 1.73 0.00	96.65 3.58 0.00	110.94 3.72 0.00	69.72 2.28 -0.03	87.78 2.77 0.00
ONONDAGA_REF_OCCRA 23987	61.96 -0.32 0.00	90.28 -0.65 -0.20	96.97 -0.72 0.00	80.90 -0.50 0.00	77.48 -0.40 -0.15	57.87 -0.17 -3.37	51.29 -0.06 -5.90	126.15 0.08 -0.66	72.06 0.02 -2.95	48.87 0.08 -4.01	40.30 0.03 -4.80	40.88 -0.03 -2.85	34.56 0.01 -3.96	68.80 -0.07 -1.05	72.11 -0.06 -0.90	77.52 -0.04 -1.23	76.25 0.19 -2.41	47.35 0.16 -6.77	53.96 0.16 -5.15	48.51 0.15 -4.82	95.46 0.08 -2.32	107.44 -0.43 -0.64	67.34 -0.28 -0.21	84.75 -0.26 0.00
ONONDAGA___COGEN 23986	61.92 -0.36 0.00	90.28 -0.63 -0.19	96.99 -0.69 0.00	80.92 -0.47 0.00	77.50 -0.37 -0.14	57.72 -0.18 -3.22	51.01 -0.07 -5.63	126.05 0.02 -0.63	71.88 -0.02 -2.81	48.65 0.05 -3.82	40.05 0.01 -4.57	40.78 -0.05 -2.77	34.55 -0.01 -3.96	68.81 -0.13 -1.12	72.11 -0.14 -0.98	77.57 -0.12 -1.36	76.27 0.14 -2.47	47.02 0.15 -6.45	53.70 0.14 -4.90	48.27 0.14 -4.59	95.32 0.04 -2.21	107.36 -0.48 -0.61	67.34 -0.27 -0.20	84.79 -0.22 0.00
ONTARIO___LFGE 23819	61.56 -0.72 0.00	89.15 -1.84 -0.25	95.33 -2.36 0.00	79.70 -1.69 0.00	76.74 -1.18 -0.20	58.37 -0.68 -4.38	52.63 -0.49 -7.67	124.83 -1.44 -0.87	72.06 -0.92 -3.88	51.24 -0.30 -6.76	43.88 -0.51 -8.92	43.63 -0.63 -6.21	39.30 -0.49 -9.20	73.23 -1.34 -6.74	77.77 -1.30 -7.80	80.54 -1.60 -5.81	78.81 -0.82 -5.98	54.64 -0.35 -14.58	63.35 -0.39 -15.09	58.87 -0.18 -15.52	98.55 -1.19 -6.68	105.47 -2.65 -0.90	66.35 -1.34 -0.27	83.50 -1.52 0.00
ORANGEVILLE_WT_PWR 323706	57.99 -4.30 0.00	83.82 -7.22 -0.31	89.34 -8.35 0.00	74.60 -6.79 0.00	71.58 -6.39 -0.24	55.50 -4.60 -5.43	50.89 -4.07 -9.51	116.19 -10.29 -1.09	67.86 -6.08 -4.85	38.81 -4.00 1.96	24.78 -3.39 7.30	25.03 -3.62 9.40	11.02 -2.85 16.72	32.48 -6.33 29.01	28.06 -6.78 36.42	46.58 -7.67 22.09	55.21 -6.32 12.12	15.70 -3.44 21.27	5.58 -3.92 39.16	-4.45 -3.40 44.59	68.16 -7.98 16.92	97.74 -10.26 -0.79	61.70 -6.05 -0.34	78.18 -6.83 0.00
ORANGEVILLE___ESR 323794	57.99 -4.30 0.00	83.82 -7.22 -0.31	89.34 -8.35 0.00	74.60 -6.79 0.00	71.58 -6.39 -0.24	55.50 -4.60 -5.43	50.89 -4.07 -9.51	116.19 -10.29 -1.09	67.86 -6.08 -4.85	38.81 -4.00 1.96	24.78 -3.39 7.30	25.03 -3.62 9.40	11.02 -2.85 16.72	32.48 -6.33 29.01	28.06 -6.78 36.42	46.58 -7.67 22.09	55.21 -6.32 12.12	15.70 -3.44 21.27	5.58 -3.92 39.16	-4.45 -3.40 44.59	68.16 -7.98 16.92	97.74 -10.26 -0.79	61.70 -6.05 -0.34	78.18 -6.83 0.00
OSWEGATCHIE___HYD 24044	59.46 -2.82 0.00	86.64 -4.14 -0.04	93.69 -3.99 0.00	78.09 -3.31 0.00	74.66 -3.11 -0.03	53.28 -2.08 -0.69	45.10 -1.47 -1.11	122.46 -2.94 0.00	67.46 -1.63 0.00	43.41 -1.48 -0.11	34.51 -1.33 -0.36	36.50 -1.56 0.00	29.72 -1.39 -0.51	64.74 -3.08 0.00	67.84 -3.42 0.00	72.85 -3.61 -0.14	70.95 -2.71 0.00	24.30 -1.73 14.38	46.60 -2.05 0.00	41.72 -1.82 0.00	90.30 -2.76 0.00	105.42 -1.81 0.00	66.34 -1.08 -0.01	83.55 -1.46 0.00
OSWEGO___5 23606	60.10 -2.19 0.00	87.69 -3.13 -0.09	94.26 -3.42 0.00	78.60 -2.79 0.00	75.21 -2.60 -0.07	54.40 -1.76 -1.49	46.42 -1.43 -2.40	121.53 -3.87 0.00	66.97 -2.12 0.00	43.66 -1.36 -0.24	35.20 -1.04 -0.77	36.90 -1.16 0.00	30.77 -0.93 -1.11	65.65 -2.17 0.00	68.95 -2.31 0.00	74.18 -2.44 -0.29	71.47 -2.19 0.00	39.27 -1.15 0.00	47.24 -1.41 0.00	42.28 -1.26 0.00	90.15 -2.92 0.00	103.62 -3.61 0.00	65.20 -2.24 -0.03	82.25 -2.76 0.00

OSWEGO___6 23613	60.10 -2.19 0.00	87.69 -3.13 -0.09	94.26 -3.42 0.00	78.60 -2.79 0.00	75.21 -2.60 -0.07	54.40 -1.76 -1.49	46.42 -1.43 -2.40	121.53 -3.87 0.00	66.97 -2.12 0.00	43.66 -1.36 -0.24	35.20 -1.04 -0.77	36.90 -1.16 0.00	30.77 -0.93 -1.11	65.65 -2.17 0.00	68.95 -2.31 0.00	74.18 -2.44 -0.29	71.47 -2.19 0.00	39.27 -1.15 0.00	47.24 -1.41 0.00	42.28 -1.26 0.00	90.15 -2.92 0.00	103.62 -3.61 0.00	65.20 -2.24 -0.03	82.25 -2.76 0.00
OUTOKUMPU-AB___DRP 24206	57.61 -4.67 0.00	83.28 -7.71 -0.27	88.61 -9.07 0.00	74.08 -7.31 0.00	71.40 -6.53 -0.20	54.59 -4.66 -4.58	49.09 -4.38 -8.01	115.39 -10.92 -0.91	66.60 -6.55 -4.06	43.98 -4.16 -3.36	34.66 -3.57 -2.76	34.77 -3.66 -0.37	27.25 -2.91 0.44	55.19 -6.32 6.31	56.13 -6.82 8.32	64.74 -7.20 4.39	66.61 -6.31 0.74	37.98 -3.59 -1.16	39.76 -3.98 4.91	33.43 -3.52 6.59	82.89 -8.14 2.03	97.22 -10.82 -0.82	61.48 -6.21 -0.28	78.45 -6.56 0.00
OXBOW___BTM 323836	56.94 -5.35 0.00	82.31 -8.68 -0.26	87.55 -10.13 0.00	73.19 -8.20 0.00	70.58 -7.35 -0.20	53.97 -5.23 -4.54	48.49 -4.90 -7.94	113.99 -12.32 -0.90	65.94 -7.18 -4.02	43.42 -4.74 -3.38	34.41 -3.88 -2.82	34.52 -3.99 -0.45	27.10 -3.20 0.29	54.86 -6.90 6.06	55.86 -7.40 8.01	64.07 -8.05 4.21	66.20 -6.82 0.63	37.77 -3.99 -1.35	39.63 -4.44 4.58	33.48 -3.85 6.21	82.02 -9.16 1.89	96.02 -12.02 -0.81	60.72 -6.97 -0.28	77.61 -7.40 0.00
OXBOW____ 24026	56.94 -5.34 0.00	82.28 -8.71 -0.26	87.55 -10.13 0.00	73.18 -8.21 0.00	70.58 -7.36 -0.20	53.98 -5.23 -4.54	48.49 -4.90 -7.94	113.95 -12.35 -0.90	65.72 -7.39 -4.02	43.46 -4.70 -3.38	34.30 -3.99 -2.82	34.39 -4.12 -0.45	27.03 -3.27 0.29	54.65 -7.11 6.06	55.60 -7.65 8.01	64.02 -8.10 4.21	65.87 -7.16 0.63	37.67 -4.09 -1.35	39.49 -4.58 4.58	33.26 -4.06 6.21	81.89 -9.29 1.89	95.96 -12.08 -0.81	60.70 -6.99 -0.28	77.61 -7.40 0.00
OXY_CHEM_DSASP 323612	56.00 -6.29 0.00	80.92 -10.07 -0.26	86.10 -11.58 0.00	71.97 -9.42 0.00	69.47 -8.45 -0.20	53.12 -6.05 -4.50	47.69 -5.63 -7.87	111.88 -14.41 -0.89	64.50 -8.58 -3.98	42.70 -5.48 -3.41	33.77 -4.59 -2.89	33.84 -4.76 -0.54	26.66 -3.79 0.14	53.82 -8.19 5.81	54.76 -8.82 7.69	62.99 -9.32 4.01	64.78 -8.35 0.52	37.13 -4.82 -1.54	38.95 -5.46 4.24	32.87 -4.84 5.83	80.41 -10.92 1.74	94.15 -13.88 -0.81	59.63 -8.06 -0.28	76.40 -8.61 0.00
OZONE_PARK_ESR 323760	69.57 6.73 -0.56	102.03 9.71 -1.58	107.87 10.19 0.00	89.98 8.59 0.00	87.30 8.35 -1.22	94.90 6.03 -34.20	120.78 5.04 -70.29	160.88 13.64 -21.84	173.97 7.69 -97.18	169.59 5.10 -119.72	157.66 4.02 -118.17	139.55 4.37 -97.13	117.76 3.51 -83.65	116.78 7.70 -41.26	115.92 7.96 -36.69	120.44 8.53 -35.58	171.08 8.19 -89.23	268.40 4.53 -223.45	223.89 5.50 -169.74	207.59 4.90 -159.15	180.09 10.43 -76.59	140.29 11.82 -21.24	80.12 7.51 -5.20	94.43 9.41 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	56.00 -6.29 0.00	80.92 -10.07 -0.26	86.10 -11.58 0.00	71.97 -9.42 0.00	69.47 -8.45 -0.20	53.12 -6.05 -4.50	47.69 -5.63 -7.87	111.88 -14.41 -0.89	64.50 -8.58 -3.98	42.70 -5.48 -3.41	33.77 -4.59 -2.89	33.84 -4.76 -0.54	26.66 -3.79 0.14	53.82 -8.19 5.81	54.76 -8.82 7.69	62.99 -9.32 4.01	64.78 -8.35 0.52	37.13 -4.82 -1.54	38.95 -5.46 4.24	32.87 -4.84 5.83	80.41 -10.92 1.74	94.15 -13.88 -0.81	59.63 -8.06 -0.28	76.40 -8.61 0.00
PACKARD__115KV_DUPONT_184 80571	56.00 -6.29 0.00	80.92 -10.07 -0.26	86.10 -11.58 0.00	71.97 -9.42 0.00	69.47 -8.45 -0.20	53.12 -6.05 -4.50	47.69 -5.63 -7.87	111.88 -14.41 -0.89	64.50 -8.58 -3.98	42.70 -5.48 -3.41	33.77 -4.59 -2.89	33.84 -4.76 -0.54	26.66 -3.79 0.14	53.82 -8.19 5.81	54.76 -8.82 7.69	62.99 -9.32 4.01	64.78 -8.35 0.52	37.13 -4.82 -1.54	38.95 -5.46 4.24	32.87 -4.84 5.83	80.41 -10.92 1.74	94.15 -13.88 -0.81	59.63 -8.06 -0.28	76.40 -8.61 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	68.89 6.04 -0.57	101.02 8.70 -1.59	106.82 9.14 0.00	89.07 7.68 0.00	86.48 7.53 -1.22	94.30 5.42 -34.20	120.45 4.70 -70.30	159.33 12.08 -21.84	173.06 6.78 -97.19	169.02 4.51 -119.73	157.22 3.57 -118.19	139.09 3.89 -97.14	117.34 3.08 -83.66	115.88 6.79 -41.27	114.96 6.99 -36.70	119.51 7.60 -35.59	170.09 7.19 -89.25	267.89 3.99 -223.48	223.23 4.81 -169.76	207.04 4.34 -159.17	178.82 9.15 -76.60	138.91 10.43 -21.25	79.23 6.62 -5.20	93.48 8.47 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	69.25 6.40 -0.57	101.62 9.31 -1.59	107.44 9.76 0.00	89.63 8.24 0.00	87.02 8.07 -1.22	94.73 5.86 -34.20	120.85 5.11 -70.30	160.48 13.24 -21.84	173.62 7.32 -97.19	169.33 4.82 -119.73	157.47 3.81 -118.19	139.33 4.13 -97.14	117.50 3.24 -83.66	116.21 7.12 -41.27	115.31 7.35 -36.70	120.03 8.11 -35.59	170.47 7.56 -89.25	268.13 4.24 -223.48	223.54 5.13 -169.76	207.30 4.59 -159.17	179.32 9.65 -76.60	139.59 11.11 -21.25	79.55 6.94 -5.20	93.82 8.81 -0.01
PATROON__115KV_TB1 80586	65.31 3.03 0.00	97.27 4.45 -2.09	102.39 4.71 0.00	85.26 3.87 0.00	82.88 3.53 -1.61	89.59 2.54 -32.38	98.80 2.14 -51.21	129.15 5.15 1.40	65.89 3.03 6.24	44.87 2.12 2.02	47.59 1.73 -10.38	34.09 1.80 5.77	54.04 1.51 -21.94	69.25 3.10 1.66	72.95 3.01 1.33	85.63 3.25 -6.06	72.37 3.01 4.30	27.82 1.75 14.34	39.87 2.12 10.90	35.12 1.80 10.22	91.68 3.53 4.92	110.12 4.25 1.36	70.93 3.13 -0.39	88.95 3.94 0.00
PATTRSNVILLE__SOLAR 323815	65.00 2.71 0.00	96.86 3.93 -2.20	101.89 4.21 0.00	84.96 3.57 0.00	82.97 3.55 -1.70	91.38 2.60 -34.11	101.77 2.25 -54.07	130.07 5.98 1.31	66.51 3.25 5.84	45.44 1.93 1.27	48.61 1.43 -11.70	33.96 1.33 5.43	55.02 1.14 -23.27	68.66 2.46 1.61	72.57 2.61 1.30	86.03 3.37 -6.33	73.17 3.62 4.10	29.08 2.08 13.42	40.99 2.53 10.19	36.19 2.21 9.56	93.03 4.56 4.60	111.05 5.10 1.28	71.07 3.21 -0.44	88.95 3.94 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	59.41 -2.87 0.00	85.92 -5.10 -0.29	91.67 -6.01 0.00	76.64 -4.75 0.00	73.64 -4.31 -0.22	56.49 -3.19 -5.00	51.08 -3.12 -8.75	119.18 -7.22 -1.00	69.09 -4.46 -4.45	45.81 -2.78 -3.81	36.23 -2.47 -3.23	36.23 -2.44 -0.61	28.52 -1.91 0.16	57.31 -4.04 6.47	58.29 -4.41 8.57	67.02 -4.84 4.47	69.11 -3.97 0.57	39.77 -2.39 -1.74	41.22 -2.74 4.69	34.69 -2.39 6.45	85.87 -5.27 1.93	100.77 -7.36 -0.90	63.58 -4.14 -0.31	80.80 -4.21 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	68.79 6.33 -0.18	101.56 9.23 -1.60	107.50 9.82 0.00	89.70 8.31 0.00	87.09 8.13 -1.23	94.91 5.87 -34.37	120.88 4.95 -70.48	160.41 13.29 -21.71	173.08 7.38 -96.61	168.72 4.86 -119.08	156.99 3.84 -117.68	138.38 4.12 -96.20	116.07 3.29 -82.19	115.16 7.12 -40.23	114.38 7.47 -35.65	118.72 8.16 -34.23	169.15 7.94 -87.55	267.02 4.46 -222.14	222.83 5.42 -168.75	206.58 4.82 -158.22	179.27 10.06 -76.14	139.71 11.36 -21.12	79.73 7.15 -5.18	93.86 8.85 0.00
PEEKSKILL____ 23653	68.13 5.18 -0.66	99.85 7.55 -1.57	105.73 8.05 0.00	88.24 6.85 0.00	85.64 6.70 -1.21	93.31 4.85 -33.79	118.83 4.01 -69.38	157.43 10.56 -21.47	170.54 5.90 -95.54	166.46 3.95 -117.73	154.85 3.11 -116.27	136.80 3.33 -95.41	115.38 2.68 -82.10	114.07 5.85 -40.39	113.26 6.10 -35.89	117.70 6.62 -34.75	167.44 6.31 -87.48	263.62 3.52 -219.69	219.76 4.22 -166.88	203.76 3.75 -156.47	176.41 8.03 -75.30	137.31 9.20 -20.88	78.40 5.87 -5.12	92.37 7.36 0.00

PGE MADISON___WINDPWR 24146	64.74 2.45 0.00	94.52 3.26 -0.52	101.21 3.53 0.00	84.61 3.22 0.00	81.25 3.12 -0.40	66.28 2.57 -9.04	64.03 2.72 -15.86	136.37 9.12 -1.85	81.75 4.43 -8.23	58.68 2.77 -11.14	50.62 1.96 -13.19	47.88 1.87 -7.96	42.92 1.55 -10.76	74.27 3.52 -2.93	77.76 3.97 -2.52	84.40 4.71 -3.37	85.77 5.38 -6.73	62.22 2.89 -18.91	66.42 3.40 -14.37	60.07 3.06 -13.47	105.80 6.25 -6.48	114.59 5.57 -1.80	70.93 2.95 -0.57	89.04 4.03 0.00
PIERCEFIELD___HYD 23852	59.46 -2.83 0.00	86.57 -4.16 0.00	93.34 -4.34 0.00	77.61 -3.78 0.00	74.07 -3.65 0.00	51.99 -2.68 0.00	43.41 -2.04 0.00	120.68 -4.72 0.00	66.38 -2.72 0.00	42.67 -2.11 0.00	33.67 -1.81 0.00	36.16 -1.90 0.00	28.93 -1.66 0.00	64.39 -3.42 0.00	67.70 -3.57 0.00	72.52 -3.81 0.00	70.36 -3.29 0.00	22.76 -2.31 15.34	45.86 -2.79 0.00	41.11 -2.43 0.00	89.34 -3.73 0.00	104.84 -2.38 0.00	65.90 -1.51 0.00	83.30 -1.71 0.00
PINELAWN_CC_1 323563	114.38 7.70 -44.40	193.82 10.69 -92.39	120.61 12.07 -10.86	91.28 9.89 0.00	88.69 9.74 -1.22	95.99 7.11 -34.21	137.90 5.84 -86.61	168.18 15.45 -27.33	174.47 8.16 -97.22	169.78 5.24 -119.77	161.51 4.35 -121.69	139.88 4.65 -97.17	117.89 3.60 -83.69	121.21 8.26 -45.13	116.36 8.38 -36.71	176.05 9.43 -90.28	192.77 8.95 -110.16	268.35 4.40 -223.53	224.16 5.70 -169.81	207.92 5.17 -159.21	180.81 11.12 -76.62	141.44 12.97 -21.25	81.21 8.60 -5.20	102.59 10.86 -6.72
PJM_GEN_HTP_PROXY 323702	68.57 5.71 -0.57	100.59 8.27 -1.58	106.61 8.93 0.00	88.96 7.57 0.00	86.36 7.41 -1.22	94.20 5.33 -34.19	120.15 4.42 -70.28	159.01 11.77 -21.84	172.87 6.61 -97.16	168.93 4.46 -119.70	157.11 3.48 -118.15	138.92 3.76 -97.11	117.28 3.06 -83.63	115.74 6.67 -41.25	114.90 6.95 -36.68	119.38 7.48 -35.57	169.95 7.09 -89.21	267.73 3.91 -223.41	223.05 4.69 -169.71	206.82 4.16 -159.12	178.62 8.98 -76.58	138.73 10.27 -21.24	79.16 6.55 -5.20	93.25 8.23 0.00
PJM_GEN_KEystone 24065	58.79 0.75 4.24	62.32 0.89 29.29	97.51 0.89 1.06	82.36 0.98 0.01	79.43 0.94 -0.76	75.78 0.61 -20.49	80.30 0.26 -34.59	133.73 1.01 -7.32	116.48 0.49 -46.89	33.56 0.48 11.69	31.40 0.31 4.38	23.69 0.32 14.68	5.02 0.30 25.87	-1.31 0.67 69.80	-3.20 0.67 75.13	78.76 0.54 -1.90	76.89 0.79 -2.45	48.44 0.33 -7.69	78.87 0.41 -29.80	60.05 0.44 -16.07	56.08 0.93 37.91	21.65 0.63 86.20	32.38 0.68 35.71	55.53 1.29 30.78
PJM_GEN_NEPTUNE_PROXY 323594	113.42 6.74 -44.40	196.69 9.65 -96.31	120.33 10.68 -11.96	90.14 8.75 0.00	87.60 8.65 -1.22	95.18 6.29 -34.21	137.20 5.14 -86.61	166.20 13.46 -27.33	173.53 7.22 -97.22	169.24 4.70 -119.77	161.08 3.91 -121.69	139.38 4.15 -97.17	117.53 3.25 -83.69	120.27 7.32 -45.13	115.46 7.48 -36.71	174.87 8.26 -90.28	191.56 7.74 -110.16	267.81 3.86 -223.53	223.43 4.97 -169.81	207.25 4.50 -159.21	179.44 9.75 -76.62	139.95 11.48 -21.25	80.19 7.58 -5.20	101.29 9.56 -6.72
PJM_GEN_VFT_PROXY 323633	67.98 5.52 -0.18	99.86 8.01 -1.13	105.86 8.33 0.15	88.31 7.06 0.14	85.88 6.93 -1.22	93.88 5.01 -34.20	119.79 4.14 -70.19	157.93 10.97 -21.56	164.64 6.16 -89.38	165.42 4.19 -116.46	141.45 3.24 -102.74	130.14 3.51 -88.57	117.13 2.89 -83.65	115.38 6.30 -41.26	114.49 6.53 -36.69	118.11 7.00 -34.78	166.96 6.58 -86.73	265.51 3.61 -221.48	220.79 4.35 -167.79	206.02 3.85 -158.63	178.13 8.47 -76.59	138.20 9.74 -21.24	78.80 6.20 -5.20	92.83 7.82 0.00
PLATSBURG_115KV_PMLD1 355749	60.64 -1.65 0.00	88.58 -2.15 0.00	95.22 -2.46 0.00	79.08 -2.31 0.00	75.29 -2.44 0.00	52.54 -2.13 0.00	-10.96 -1.74 54.67	-1.92 -4.25 123.07	52.83 -2.36 13.90	43.13 -1.65 0.00	34.11 -1.36 0.00	36.60 -1.46 0.00	29.37 -1.23 0.00	16.27 -2.62 48.93	68.83 -2.43 0.00	74.12 -2.21 0.00	71.31 -2.35 0.00	22.73 -1.61 16.08	46.74 -1.92 0.00	41.92 -1.61 0.00	77.64 -3.18 12.25	104.47 -2.76 0.00	65.77 -1.64 0.00	83.09 -1.92 0.00
PLEASANTVLY___LBMP 24000	67.46 4.92 -0.25	99.61 7.22 -1.66	105.42 7.74 0.00	87.96 6.57 0.00	85.43 6.43 -1.28	95.37 4.62 -36.08	123.80 3.85 -74.51	158.99 10.03 -23.55	179.54 5.65 -104.80	177.53 3.79 -128.97	165.52 3.03 -127.02	146.02 3.23 -104.72	122.77 2.61 -89.56	117.97 5.69 -44.46	116.70 5.91 -39.53	120.86 6.37 -38.16	175.91 6.08 -96.17	284.77 3.40 -240.96	235.82 4.12 -183.04	218.82 3.66 -171.63	183.29 7.63 -82.59	138.87 8.74 -22.90	78.66 5.66 -5.59	92.03 7.01 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	68.24 5.51 -0.43	100.36 8.03 -1.60	106.23 8.55 0.00	88.64 7.25 0.00	86.05 7.09 -1.23	94.25 5.11 -34.46	120.59 4.25 -70.89	158.78 11.30 -22.08	173.67 6.33 -98.25	170.00 4.20 -121.02	158.24 3.35 -119.41	139.98 3.61 -98.30	118.37 2.92 -84.86	116.13 6.37 -41.95	115.22 6.62 -37.34	119.77 7.13 -36.30	171.02 6.82 -90.55	270.13 3.81 -225.91	224.87 4.61 -171.61	208.54 4.10 -160.90	179.10 8.59 -77.43	138.51 9.81 -21.47	78.93 6.26 -5.25	92.80 7.79 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	68.24 5.51 -0.43	100.36 8.03 -1.60	106.23 8.55 0.00	88.64 7.25 0.00	86.05 7.09 -1.23	94.25 5.11 -34.46	120.59 4.25 -70.89	158.78 11.30 -22.08	173.67 6.33 -98.25	170.00 4.20 -121.02	158.24 3.35 -119.41	139.98 3.61 -98.30	118.37 2.92 -84.86	116.13 6.37 -41.95	115.22 6.62 -37.34	119.77 7.13 -36.30	171.02 6.82 -90.55	270.13 3.81 -225.91	224.87 4.61 -171.61	208.54 4.10 -160.90	179.10 8.59 -77.43	138.51 9.81 -21.47	78.93 6.26 -5.25	92.80 7.79 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	68.06 5.76 -0.02	100.79 8.43 -1.62	106.71 9.02 0.00	89.05 7.66 0.00	86.46 7.48 -1.25	94.51 5.39 -34.45	120.15 4.54 -70.16	158.57 12.09 -21.07	169.59 6.73 -93.77	164.96 4.44 -115.75	153.77 3.52 -114.78	134.96 3.72 -93.18	113.51 2.99 -79.92	112.89 6.44 -38.63	112.23 6.79 -34.17	116.58 7.43 -32.81	165.28 7.25 -84.38	260.12 4.10 -215.60	217.42 4.99 -163.78	201.53 4.43 -153.56	176.19 9.22 -73.90	138.14 10.43 -20.49	79.05 6.60 -5.05	93.19 8.17 0.00
POLETTI_____ 23519	68.78 5.93 -0.56	100.92 8.60 -1.58	106.68 9.00 0.00	89.00 7.61 0.00	86.37 7.42 -1.22	94.19 5.32 -34.20	120.05 4.31 -70.29	158.74 11.50 -21.84	172.88 6.60 -97.18	168.91 4.41 -119.72	157.10 3.46 -118.17	138.98 3.80 -97.13	117.29 3.04 -83.65	115.77 6.69 -41.26	114.88 6.93 -36.69	119.18 7.28 -35.58	169.81 6.92 -89.23	267.66 3.79 -223.45	223.02 4.62 -169.74	206.80 4.12 -159.15	178.45 8.79 -76.59	138.40 9.94 -21.24	78.96 6.35 -5.20	93.18 8.17 0.00
POMONA___ESR 323819	66.28 4.87 0.87	99.36 7.10 -1.53	105.24 7.56 0.00	87.86 6.47 0.00	85.24 6.33 -1.18	92.00 4.59 -32.73	116.24 3.78 -67.00	155.87 9.95 -20.51	165.93 5.55 -91.28	161.06 3.73 -112.55	149.72 2.92 -111.33	129.21 3.10 -88.06	101.34 2.49 -68.25	105.19 5.43 -31.95	104.27 5.66 -27.35	105.60 6.14 -23.13	153.40 5.84 -73.90	253.63 3.30 -209.92	212.03 3.92 -159.46	196.53 3.48 -149.51	172.50 7.48 -71.95	135.76 8.58 -19.95	77.84 5.53 -4.90	91.82 6.81 0.00
PORT_JEFF_3 23555	114.37 7.69 -44.40	195.32 10.17 -94.42	121.26 12.15 -11.43	91.08 9.69 0.00	88.51 9.56 -1.22	95.83 6.95 -34.21	137.59 5.53 -86.61	166.84 14.10 -27.33	173.58 7.27 -97.22	169.19 4.65 -119.77	161.09 3.92 -121.69	139.73 4.51 -97.17	117.80 3.51 -83.69	121.05 8.10 -45.13	115.99 8.01 -36.71	175.78 9.17 -90.28	192.27 8.45 -110.16	267.72 3.77 -223.53	223.54 5.08 -169.81	207.42 4.67 -159.21	179.75 10.06 -76.62	140.39 11.91 -21.25	80.91 8.30 -5.20	102.68 10.96 -6.72

PORT_JEFF_4 23616	114.37 7.69 -44.40	195.32 10.17 -94.42	121.26 12.15 -11.43	91.08 9.69 0.00	88.51 9.56 -1.22	95.83 6.95 -34.21	137.59 5.53 -86.61	166.84 14.10 -27.33	173.58 7.27 -97.22	169.19 4.65 -119.77	161.09 3.92 -121.69	139.73 4.51 -97.17	117.80 3.51 -83.69	121.05 8.10 -45.13	115.99 8.01 -36.71	175.78 9.17 -90.28	192.27 8.45 -110.16	267.72 3.77 -223.53	223.54 5.08 -169.81	207.42 4.67 -159.21	179.75 10.06 -76.62	140.39 11.91 -21.25	80.91 8.30 -5.20	102.68 10.96 -6.72
PORT_JEFF_IC 23713	114.48 7.80 -44.40	195.37 10.28 -94.36	121.37 12.28 -11.41	91.27 9.88 0.00	88.68 9.73 -1.22	95.97 7.09 -34.21	137.73 5.67 -86.61	167.32 14.59 -27.33	173.89 7.57 -97.22	169.32 4.78 -119.77	161.23 4.07 -121.69	139.85 4.63 -97.17	117.85 3.56 -83.69	121.21 8.26 -45.13	116.13 8.16 -36.71	175.91 9.30 -90.28	192.60 8.79 -110.16	268.00 4.05 -223.53	223.81 5.35 -169.80	207.67 4.92 -159.21	180.12 10.43 -76.62	140.72 12.25 -21.25	81.07 8.46 -5.20	102.82 11.10 -6.72
PPL PILGRIM_ST_GT1 24216	114.83 8.14 -44.40	195.85 11.07 -94.06	121.80 12.79 -11.33	91.85 10.46 0.00	89.28 10.33 -1.22	96.42 7.54 -34.21	138.24 6.17 -86.61	168.91 16.17 -27.33	174.80 8.49 -97.22	169.96 5.42 -119.77	161.65 4.48 -121.69	140.12 4.90 -97.17	118.08 3.79 -83.69	121.62 8.68 -45.13	116.72 8.74 -36.71	176.53 9.91 -90.28	193.26 9.44 -110.16	268.36 4.41 -223.53	224.20 5.75 -169.81	208.17 5.42 -159.21	181.28 11.59 -76.62	141.95 13.48 -21.25	81.59 8.98 -5.20	103.19 11.46 -6.72
PPL PILGRIM_ST_GT2 24217	114.83 8.14 -44.40	195.85 11.07 -94.06	121.80 12.79 -11.33	91.85 10.46 0.00	89.28 10.33 -1.22	96.42 7.54 -34.21	138.24 6.17 -86.61	168.91 16.17 -27.33	174.80 8.49 -97.22	169.96 5.42 -119.77	161.65 4.48 -121.69	140.12 4.90 -97.17	118.08 3.79 -83.69	121.62 8.68 -45.13	116.72 8.74 -36.71	176.53 9.91 -90.28	193.26 9.44 -110.16	268.36 4.41 -223.53	224.20 5.75 -169.81	208.17 5.42 -159.21	181.28 11.59 -76.62	141.95 13.48 -21.25	81.59 8.98 -5.20	103.19 11.46 -6.72
PPL_SHRM_GT3 24213	114.37 7.68 -44.40	195.14 10.02 -94.39	121.36 12.26 -11.42	91.41 10.02 0.00	88.90 9.95 -1.22	96.19 7.30 -34.21	137.78 5.72 -86.61	167.52 14.78 -27.33	173.89 7.57 -97.22	169.30 4.76 -119.77	160.85 3.68 -121.69	139.37 4.15 -97.17	117.30 3.01 -83.69	120.58 7.64 -45.13	115.02 7.04 -36.71	175.02 8.41 -90.28	191.81 8.00 -110.16	267.51 3.56 -223.53	223.44 4.99 -169.81	207.38 4.63 -159.21	179.62 9.93 -76.62	140.08 11.61 -21.25	80.65 8.04 -5.20	102.63 10.90 -6.72
PPL_SHRM_GT4 24214	114.37 7.68 -44.40	195.14 10.02 -94.39	121.36 12.26 -11.42	91.41 10.02 0.00	88.90 9.95 -1.22	96.19 7.30 -34.21	137.78 5.72 -86.61	167.52 14.78 -27.33	173.89 7.57 -97.22	169.30 4.76 -119.77	160.85 3.68 -121.69	139.37 4.15 -97.17	117.30 3.01 -83.69	120.58 7.64 -45.13	115.02 7.04 -36.71	175.02 8.41 -90.28	191.81 8.00 -110.16	267.51 3.56 -223.53	223.44 4.99 -169.81	207.38 4.63 -159.21	179.62 9.93 -76.62	140.08 11.61 -21.25	80.65 8.04 -5.20	102.63 10.90 -6.72
PROJECT___ORANGE 1 24174	61.45 -0.84 0.00	89.50 -1.39 -0.16	96.13 -1.55 0.00	80.20 -1.19 0.00	76.79 -1.06 -0.12	56.79 -0.64 -2.76	49.82 -0.46 -4.82	124.88 -1.06 -0.53	70.87 -0.60 -2.38	47.70 -0.32 -3.25	39.10 -0.26 -3.89	40.07 -0.33 -2.35	33.74 -0.24 -3.38	68.15 -0.62 -0.95	71.44 -0.66 -0.83	76.79 -0.70 -1.16	75.28 -0.47 -2.10	45.69 -0.20 -5.47	52.52 -0.29 -4.16	47.17 -0.26 -3.90	94.14 -0.80 -1.88	106.32 -1.43 -0.52	66.71 -0.87 -0.17	84.03 -0.98 0.00
PROJECT___ORANGE 2 24166	61.45 -0.84 0.00	89.50 -1.39 -0.16	96.13 -1.55 0.00	80.20 -1.19 0.00	76.79 -1.06 -0.12	56.79 -0.64 -2.76	49.82 -0.46 -4.82	124.88 -1.06 -0.53	70.87 -0.60 -2.38	47.70 -0.32 -3.25	39.10 -0.26 -3.89	40.07 -0.33 -2.35	33.74 -0.24 -3.38	68.15 -0.62 -0.95	71.44 -0.66 -0.83	76.79 -0.70 -1.16	75.28 -0.47 -2.10	45.69 -0.20 -5.47	52.52 -0.29 -4.16	47.17 -0.26 -3.90	94.14 -0.80 -1.88	106.32 -1.43 -0.52	66.71 -0.87 -0.17	84.03 -0.98 0.00
PUCKETT___SOLAR 323809	63.01 0.72 0.00	92.10 0.81 -0.56	98.67 0.99 0.00	82.40 1.01 0.00	79.07 0.91 -0.43	65.08 0.75 -9.66	63.12 0.74 -16.94	130.02 2.65 -1.97	79.12 1.26 -8.78	57.53 0.87 -11.89	49.98 0.42 -14.08	46.89 0.34 -8.48	42.44 0.36 -11.48	71.77 0.84 -3.12	75.02 1.08 -2.68	81.10 1.19 -3.59	82.33 1.51 -7.17	61.41 0.82 -20.18	64.95 0.97 -15.33	58.82 0.91 -14.37	101.80 1.82 -6.92	110.53 1.39 -1.92	68.83 0.81 -0.61	86.29 1.28 0.00
PYRITES___HYD 24023	61.05 -1.23 0.00	88.83 -1.90 0.00	95.73 -1.95 0.00	79.60 -1.79 0.00	75.98 -1.75 0.00	53.33 -1.34 0.00	44.59 -0.86 0.00	123.94 -1.46 0.00	68.13 -0.97 0.00	43.76 -1.02 0.00	34.44 -1.03 0.00	36.95 -1.11 0.00	29.53 -1.07 0.00	65.68 -2.13 0.00	69.07 -2.19 0.00	74.07 -2.26 0.00	72.14 -1.52 0.00	23.76 -1.23 15.42	47.17 -1.48 0.00	42.29 -1.25 0.00	91.82 -1.25 0.00	107.29 0.07 0.00	67.23 -0.18 0.00	84.98 -0.03 0.00
QUAKERRD_115KV_BK1 80622	58.84 -3.45 0.00	85.48 -5.46 -0.20	91.47 -6.21 0.00	76.34 -5.05 0.00	73.36 -4.52 -0.16	55.09 -3.10 -3.51	48.94 -2.66 -6.14	119.35 -6.74 -0.69	68.23 -3.94 -3.08	46.45 -2.51 -4.19	38.36 -2.12 -5.00	38.78 -2.25 -2.97	32.92 -1.80 -4.12	64.98 -3.93 -1.09	67.99 -4.22 -0.94	73.24 -4.37 -1.28	72.42 -3.75 -2.52	45.34 -2.15 -7.07	51.52 -2.51 -5.37	46.29 -2.28 -5.04	90.38 -5.11 -2.42	101.14 -6.75 -0.67	63.53 -4.09 -0.21	80.26 -4.75 0.00
QUEENSBRY_115KV_TB8 356137	65.54 3.25 0.00	97.82 4.95 -2.14	103.06 5.37 0.00	86.01 4.62 0.00	84.23 4.85 -1.65	91.68 3.69 -33.32	101.65 3.21 -52.99	132.46 8.09 1.03	69.10 4.58 4.58	47.88 3.03 -0.08	50.37 2.32 -12.58	36.20 2.29 4.15	56.04 1.92 -23.52	70.84 4.05 1.03	75.12 4.63 0.78	88.56 5.60 -6.63	76.22 5.44 2.87	32.88 3.00 10.53	44.35 3.70 8.00	39.21 3.17 7.50	95.51 6.05 3.61	112.94 6.72 1.00	72.16 4.27 -0.48	89.86 4.85 0.00
RAMAPO___LBMP 323565	66.12 4.68 0.84	99.08 6.83 -1.52	104.97 7.29 0.00	87.62 6.23 0.00	85.02 6.12 -1.17	91.72 4.44 -32.60	115.81 3.64 -66.72	155.33 9.53 -20.40	165.23 5.36 -90.78	160.29 3.58 -111.94	149.04 2.84 -110.73	128.61 3.04 -87.51	100.77 2.43 -67.74	104.76 5.28 -31.66	103.83 5.47 -27.09	105.09 5.90 -22.86	152.66 5.66 -73.34	252.34 3.20 -208.72	211.04 3.84 -158.55	195.62 3.42 -148.67	171.82 7.21 -71.54	135.32 8.26 -19.84	77.60 5.32 -4.87	91.59 6.58 0.00
RANKINE____ 23646	58.41 -3.88 0.00	84.41 -6.60 -0.28	89.94 -7.74 0.00	75.16 -6.23 0.00	72.32 -5.63 -0.22	55.50 -4.04 -4.87	50.16 -3.82 -8.52	117.02 -9.36 -0.97	67.77 -5.66 -4.33	44.41 -3.61 -3.24	34.65 -3.16 -2.34	34.70 -3.20 0.16	26.69 -2.52 1.39	54.43 -5.45 7.94	54.99 -5.91 10.36	64.35 -6.34 5.64	66.85 -5.38 1.42	37.28 -3.09 0.05	38.03 -3.51 7.12	31.33 -3.11 9.09	83.10 -6.98 2.98	98.71 -9.37 -0.86	62.33 -5.38 -0.30	79.30 -5.71 0.00
RAVENSWOOD_GT2_1 24244	68.82 5.97 -0.56	100.98 8.66 -1.58	106.78 9.10 0.00	89.08 7.69 0.00	86.45 7.50 -1.22	94.28 5.41 -34.20	120.25 4.50 -70.30	159.21 11.96 -21.84	173.03 6.74 -97.19	169.01 4.50 -119.73	157.22 3.56 -118.19	139.06 3.87 -97.14	117.37 3.11 -83.66	115.92 6.83 -41.27	115.05 7.09 -36.70	119.49 7.57 -35.59	170.13 7.24 -89.24	267.87 3.98 -223.48	223.23 4.81 -169.76	207.00 4.29 -159.17	178.75 9.08 -76.60	138.87 10.40 -21.24	79.25 6.64 -5.20	93.36 8.35 0.00

RAVENSWOOD_GT2_2 24245	68.82 5.97 -0.56	100.98 8.66 -1.58	106.78 9.10 0.00	89.08 7.69 0.00	86.45 7.50 -1.22	94.28 5.41 -34.20	120.25 4.50 -70.30	159.21 11.96 -21.84	173.03 6.74 -97.19	169.01 4.50 -119.73	157.22 3.56 -118.19	139.06 3.87 -97.14	117.37 3.11 -83.66	115.92 6.83 -41.27	115.05 7.09 -36.70	119.49 7.57 -35.59	170.13 7.24 -89.24	267.87 3.98 -223.48	223.23 4.81 -169.76	207.00 4.29 -159.17	178.75 9.08 -76.60	138.87 10.40 -21.24	79.25 6.64 -5.20	93.36 8.35 0.00
RAVENSWOOD_GT2_3 24246	68.84 5.99 -0.56	101.01 8.69 -1.58	106.80 9.12 0.00	89.10 7.72 0.00	86.50 7.55 -1.22	94.31 5.43 -34.20	120.26 4.52 -70.30	159.28 12.04 -21.84	173.08 6.79 -97.19	169.03 4.52 -119.73	157.24 3.58 -118.19	139.08 3.88 -97.14	117.39 3.13 -83.66	115.95 6.86 -41.27	115.10 7.14 -36.70	119.55 7.63 -35.59	170.16 7.26 -89.24	267.89 4.00 -223.48	223.26 4.85 -169.76	207.03 4.32 -159.17	178.82 9.15 -76.60	138.94 10.47 -21.24	79.28 6.67 -5.20	93.43 8.42 0.00
RAVENSWOOD_GT2_4 24247	68.84 5.99 -0.56	101.01 8.69 -1.58	106.80 9.12 0.00	89.10 7.72 0.00	86.50 7.55 -1.22	94.31 5.43 -34.20	120.26 4.52 -70.30	159.28 12.04 -21.84	173.08 6.79 -97.19	169.03 4.52 -119.73	157.24 3.58 -118.19	139.08 3.88 -97.14	117.39 3.13 -83.66	115.95 6.86 -41.27	115.10 7.14 -36.70	119.55 7.63 -35.59	170.16 7.26 -89.24	267.89 4.00 -223.48	223.26 4.85 -169.76	207.03 4.32 -159.17	178.82 9.15 -76.60	138.94 10.47 -21.24	79.28 6.67 -5.20	93.43 8.42 0.00
RAVENSWOOD_GT3_1 24248	68.82 5.97 -0.56	100.98 8.66 -1.58	106.78 9.10 0.00	89.08 7.69 0.00	86.45 7.50 -1.22	94.28 5.41 -34.20	120.25 4.50 -70.30	159.21 11.96 -21.84	173.03 6.74 -97.19	169.01 4.50 -119.73	157.22 3.56 -118.19	139.07 3.87 -97.14	117.38 3.12 -83.66	115.93 6.84 -41.27	115.05 7.09 -36.70	119.49 7.58 -35.59	170.13 7.24 -89.24	267.87 3.98 -223.48	223.23 4.82 -169.76	207.00 4.29 -159.17	178.75 9.08 -76.60	138.88 10.41 -21.24	79.25 6.64 -5.20	93.37 8.36 0.00
RAVENSWOOD_GT3_2 24249	68.82 5.97 -0.56	100.98 8.66 -1.58	106.78 9.10 0.00	89.08 7.69 0.00	86.45 7.50 -1.22	94.28 5.41 -34.20	120.25 4.50 -70.30	159.21 11.96 -21.84	173.03 6.74 -97.19	169.01 4.50 -119.73	157.22 3.56 -118.19	139.07 3.87 -97.14	117.38 3.12 -83.66	115.93 6.84 -41.27	115.05 7.09 -36.70	119.49 7.58 -35.59	170.13 7.24 -89.24	267.87 3.98 -223.48	223.23 4.82 -169.76	207.00 4.29 -159.17	178.75 9.08 -76.60	138.88 10.41 -21.24	79.25 6.64 -5.20	93.37 8.36 0.00
RAVENSWOOD_GT3_3 24250	68.90 6.05 -0.56	101.11 8.79 -1.58	106.90 9.22 0.00	89.19 7.80 0.00	86.58 7.63 -1.22	94.36 5.49 -34.20	120.32 4.57 -70.30	159.45 12.20 -21.84	173.15 6.87 -97.19	169.09 4.58 -119.73	157.28 3.62 -118.19	139.13 3.93 -97.14	117.43 3.17 -83.66	116.05 6.96 -41.27	115.20 7.23 -36.70	119.65 7.74 -35.59	170.27 7.38 -89.24	267.96 4.06 -223.48	223.32 4.90 -169.76	207.09 4.38 -159.17	178.93 9.27 -76.60	139.07 10.60 -21.24	79.37 6.76 -5.20	93.51 8.50 0.00
RAVENSWOOD_GT3_4 24251	68.90 6.05 -0.56	101.11 8.79 -1.58	106.90 9.22 0.00	89.19 7.80 0.00	86.58 7.63 -1.22	94.36 5.49 -34.20	120.32 4.57 -70.30	159.45 12.20 -21.84	173.15 6.87 -97.19	169.09 4.58 -119.73	157.28 3.62 -118.19	139.13 3.93 -97.14	117.43 3.17 -83.66	116.05 6.96 -41.27	115.20 7.23 -36.70	119.65 7.74 -35.59	170.27 7.38 -89.24	267.96 4.06 -223.48	223.32 4.90 -169.76	207.09 4.38 -159.17	178.93 9.27 -76.60	139.07 10.60 -21.24	79.37 6.76 -5.20	93.51 8.50 0.00
RAVENSWOOD_GT_1 23729	72.92 6.32 -4.31	112.05 9.16 -12.16	116.10 9.59 -8.82	101.94 8.09 -12.46	99.85 7.89 -14.24	106.31 5.65 -45.99	127.76 4.74 -77.57	160.50 12.56 -22.55	178.02 7.05 -101.88	173.00 4.69 -123.54	168.94 3.73 -129.74	142.99 4.07 -100.86	121.66 3.28 -87.78	120.67 7.22 -45.63	126.64 7.48 -47.90	126.50 7.99 -42.19	175.01 7.58 -93.77	270.18 4.16 -225.61	225.66 5.03 -171.98	214.73 4.50 -166.70	187.99 9.54 -85.38	158.31 11.04 -40.04	90.79 7.03 -16.35	94.68 8.84 -0.83
RAVENSWOOD_GT_10 24258	69.24 5.96 -0.99	102.17 8.63 -2.80	107.79 9.09 -1.02	90.51 7.69 -1.44	87.94 7.50 -2.72	95.63 5.39 -35.56	121.07 4.48 -71.14	159.26 11.96 -21.89	173.03 6.74 -97.20	169.02 4.50 -119.74	157.21 3.56 -118.19	139.05 3.85 -97.14	117.37 3.11 -83.66	115.94 6.82 -41.29	115.25 7.07 -36.92	119.69 7.56 -35.79	170.22 7.23 -89.34	267.87 3.98 -223.48	223.22 4.81 -169.76	207.12 4.29 -159.29	178.91 9.08 -76.76	139.75 10.39 -22.13	80.23 6.63 -6.18	93.45 8.34 -0.10
RAVENSWOOD_GT_11 24259	69.24 5.96 -0.99	102.17 8.63 -2.80	107.79 9.09 -1.02	90.51 7.69 -1.44	87.94 7.50 -2.72	95.63 5.39 -35.56	121.07 4.48 -71.14	159.26 11.96 -21.89	173.03 6.74 -97.20	169.02 4.50 -119.74	157.21 3.56 -118.19	139.05 3.85 -97.14	117.37 3.11 -83.66	115.94 6.82 -41.29	115.25 7.07 -36.92	119.69 7.56 -35.79	170.22 7.23 -89.34	267.87 3.98 -223.48	223.22 4.81 -169.76	207.12 4.29 -159.29	178.91 9.08 -76.76	139.75 10.39 -22.13	80.23 6.63 -6.18	93.45 8.34 -0.10
RAVENSWOOD_GT_4 24252	71.61 5.91 -3.41	108.95 8.59 -9.63	113.42 9.02 -6.72	98.51 7.63 -9.49	96.33 7.47 -11.13	103.24 5.39 -43.18	125.75 4.46 -75.83	159.50 11.92 -22.18	173.02 6.72 -97.21	169.05 4.47 -119.80	157.19 3.54 -118.19	139.03 3.84 -97.14	117.36 3.10 -83.66	116.06 6.80 -41.44	116.44 7.05 -38.13	120.81 7.54 -36.94	170.72 7.20 -89.86	267.85 3.96 -223.48	223.22 4.80 -169.76	207.79 4.27 -159.97	179.80 9.06 -77.68	144.68 10.33 -27.13	85.67 6.58 -11.68	93.94 8.30 -0.63
RAVENSWOOD_GT_5 24254	71.61 5.91 -3.41	108.95 8.59 -9.63	113.42 9.02 -6.72	98.51 7.63 -9.49	96.33 7.47 -11.13	103.24 5.39 -43.18	125.75 4.46 -75.83	159.50 11.92 -22.18	173.02 6.72 -97.21	169.05 4.47 -119.80	157.19 3.54 -118.19	139.03 3.84 -97.14	117.36 3.10 -83.66	116.06 6.80 -41.44	116.44 7.05 -38.13	120.81 7.54 -36.94	170.72 7.20 -89.86	267.85 3.96 -223.48	223.22 4.80 -169.76	207.79 4.27 -159.97	179.80 9.06 -77.68	144.68 10.33 -27.13	85.67 6.58 -11.68	93.94 8.30 -0.63
RAVENSWOOD_GT_6 24253	71.61 5.91 -3.41	108.95 8.59 -9.63	113.42 9.02 -6.72	98.51 7.63 -9.49	96.33 7.47 -11.13	103.24 5.39 -43.18	125.75 4.46 -75.83	159.50 11.92 -22.18	173.02 6.72 -97.21	169.05 4.47 -119.80	157.19 3.54 -118.19	139.03 3.84 -97.14	117.36 3.10 -83.66	116.06 6.80 -41.44	116.44 7.05 -38.13	120.81 7.54 -36.94	170.72 7.20 -89.86	267.85 3.96 -223.48	223.22 4.80 -169.76	207.79 4.27 -159.97	179.80 9.06 -77.68	144.68 10.33 -27.13	85.67 6.58 -11.68	93.94 8.30 -0.63
RAVENSWOOD_GT_7 24255	71.61 5.91 -3.41	108.95 8.59 -9.63	113.42 9.02 -6.72	98.51 7.63 -9.49	96.33 7.47 -11.13	103.24 5.39 -43.18	125.75 4.46 -75.83	159.50 11.92 -22.18	173.02 6.72 -97.21	169.05 4.47 -119.80	157.19 3.54 -118.19	139.03 3.84 -97.14	117.36 3.10 -83.66	116.06 6.80 -41.44	116.44 7.05 -38.13	120.81 7.54 -36.94	170.72 7.20 -89.86	267.85 3.96 -223.48	223.22 4.80 -169.76	207.79 4.27 -159.97	179.80 9.06 -77.68	144.68 10.33 -27.13	85.67 6.58 -11.68	93.94 8.30 -0.63
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	69.24 5.96 -0.99	102.17 8.63 -2.80	107.79 9.09 -1.02	90.51 7.69 -1.44	87.94 7.50 -2.72	95.63 5.39 -35.56	121.07 4.48 -71.14	159.26 11.96 -21.89	173.03 6.74 -97.20	169.02 4.50 -119.74	157.21 3.56 -118.19	139.05 3.85 -97.14	117.37 3.11 -83.66	115.94 6.82 -41.29	115.25 7.07 -36.92	119.69 7.56 -35.79	170.22 7.23 -89.34	267.87 3.98 -223.48	223.22 4.81 -169.76	207.12 4.29 -159.29	178.91 9.08 -76.76	139.75 10.39 -22.13	80.23 6.63 -6.18	93.45 8.34 -0.10

RAVENSWOOD_GT_9 24257	69.24 5.96 -0.99	102.17 8.63 -2.80	107.79 9.09 -1.02	90.51 7.69 -1.44	87.94 7.50 -2.72	95.63 5.39 -35.56	121.07 4.48 -71.14	159.26 11.96 -21.89	173.03 6.74 -97.20	169.02 4.50 -119.74	157.21 3.56 -118.19	139.05 3.85 -97.14	117.37 3.11 -83.66	115.94 6.82 -41.29	115.25 7.07 -36.92	119.69 7.56 -35.79	170.22 7.23 -89.34	267.87 3.98 -223.48	223.22 4.81 -169.76	207.12 4.29 -159.29	178.91 9.08 -76.76	139.75 10.39 -22.13	80.23 6.63 -6.18	93.45 8.34 -0.10
RAVENSWOOD___1 23533	65.38 6.21 3.12	90.91 9.01 8.82	98.40 9.40 8.69	77.04 7.92 12.27	73.87 7.74 11.59	82.80 5.54 -22.59	113.24 4.65 -63.14	159.03 12.22 -21.41	173.12 6.84 -97.18	169.04 4.61 -119.65	157.27 3.61 -118.19	139.11 3.91 -97.14	117.45 3.19 -83.66	115.84 6.98 -41.04	113.39 7.28 -34.85	117.99 7.82 -33.85	169.45 7.34 -88.44	267.93 4.04 -223.48	223.26 4.84 -169.76	205.99 4.32 -158.14	177.62 9.34 -75.21	131.68 10.83 -13.63	71.11 6.89 3.18	92.87 8.67 0.81
RAVENSWOOD___2 23534	65.38 6.21 3.12	90.91 9.01 8.82	98.40 9.40 8.69	77.04 7.92 12.27	73.87 7.74 11.59	82.80 5.54 -22.59	113.24 4.65 -63.14	159.03 12.22 -21.41	173.12 6.84 -97.18	169.04 4.61 -119.65	157.27 3.61 -118.19	139.11 3.91 -97.14	117.45 3.19 -83.66	115.84 6.98 -41.04	113.39 7.28 -34.85	117.99 7.82 -33.85	169.45 7.34 -88.44	267.93 4.04 -223.48	223.26 4.84 -169.76	205.99 4.32 -158.14	177.62 9.34 -75.21	131.68 10.83 -13.63	71.11 6.89 3.18	92.87 8.67 0.81
RAVENSWOOD___3 23535	68.82 5.97 -0.56	100.98 8.66 -1.58	106.78 9.10 0.00	89.08 7.69 0.00	86.46 7.51 -1.22	94.29 5.42 -34.20	120.25 4.51 -70.30	159.18 11.94 -21.84	172.98 6.69 -97.19	169.01 4.50 -119.73	157.18 3.52 -118.19	139.01 3.81 -97.14	117.35 3.10 -83.66	115.84 6.76 -41.27	115.02 7.06 -36.70	119.50 7.58 -35.59	170.07 7.17 -89.24	267.83 3.94 -223.48	223.15 4.73 -169.76	206.91 4.20 -159.17	178.74 9.07 -76.60	138.88 10.41 -21.24	79.25 6.64 -5.20	93.37 8.35 0.00
RAVENSWOOD___4 23820	65.38 6.21 3.12	90.91 9.01 8.82	98.40 9.40 8.69	77.04 7.92 12.27	73.87 7.74 11.59	82.80 5.54 -22.59	113.24 4.65 -63.14	159.03 12.22 -21.41	173.12 6.84 -97.18	169.04 4.61 -119.65	157.27 3.61 -118.19	139.11 3.91 -97.14	117.45 3.19 -83.66	115.84 6.98 -41.04	113.39 7.28 -34.85	117.99 7.82 -33.85	169.45 7.34 -88.44	267.93 4.04 -223.48	223.26 4.84 -169.76	205.99 4.32 -158.14	177.62 9.34 -75.21	131.68 10.83 -13.63	71.11 6.89 3.18	92.87 8.67 0.81
RCPL_TRUST___DRP 24196	68.66 5.80 -0.57	100.72 8.40 -1.58	106.80 9.11 0.00	89.10 7.72 0.00	86.51 7.56 -1.22	94.30 5.44 -34.19	120.25 4.52 -70.28	159.33 12.10 -21.84	173.08 6.82 -97.16	169.03 4.55 -119.70	157.23 3.61 -118.15	139.08 3.91 -97.11	117.39 3.16 -83.63	116.01 6.95 -41.25	115.16 7.21 -36.68	119.62 7.72 -35.57	170.24 7.37 -89.21	267.88 4.06 -223.41	223.26 4.90 -169.71	207.02 4.36 -159.12	178.87 9.22 -76.58	138.96 10.50 -21.24	79.31 6.70 -5.20	93.42 8.41 0.00
RED___ROCHESTER 323720	60.17 -2.12 0.00	87.30 -3.64 -0.21	93.33 -4.35 0.00	77.92 -3.47 0.00	74.92 -2.97 -0.16	56.28 -2.01 -3.61	49.98 -1.79 -6.31	122.04 -4.07 -0.71	69.83 -2.43 -3.16	47.48 -1.61 -4.31	39.25 -1.37 -5.15	39.67 -1.45 -3.06	33.66 -1.17 -4.24	66.47 -2.47 -1.13	69.53 -2.71 -0.97	74.82 -2.83 -1.32	74.31 -1.94 -2.59	46.50 -1.19 -7.28	52.87 -1.31 -5.53	47.56 -1.16 -5.18	92.62 -2.94 -2.49	103.37 -4.55 -0.69	64.96 -2.68 -0.22	82.11 -2.90 0.00
REGAN___SOLAR 323812	66.53 4.25 0.00	99.12 6.10 -2.29	104.23 6.55 0.00	86.86 5.46 0.00	84.91 5.42 -1.77	94.32 3.98 -35.66	105.73 3.50 -56.77	134.35 9.97 1.02	69.72 5.15 4.52	48.00 2.69 -0.53	51.12 1.79 -13.86	35.57 1.69 4.17	57.09 1.48 -25.02	69.82 3.18 1.18	73.51 3.19 0.93	87.80 4.63 -6.84	76.32 5.74 3.08	33.39 3.38 10.40	44.82 4.06 7.90	39.73 3.60 7.41	96.99 7.49 3.57	114.53 8.29 0.99	72.92 4.98 -0.54	91.07 6.06 0.00
RENSSELAER___COGEN 23796	64.95 2.66 0.00	96.71 3.91 -2.07	101.84 4.15 0.00	84.78 3.39 0.00	82.34 3.01 -1.60	88.74 2.16 -31.91	97.52 1.80 -50.27	127.92 4.18 1.67	64.15 2.48 7.42	43.06 1.77 3.48	45.82 1.43 -8.92	32.59 1.47 6.94	52.76 1.25 -20.91	68.16 2.49 2.14	71.85 2.33 1.75	84.46 2.49 -5.64	70.55 2.25 5.35	24.71 1.35 17.05	37.31 1.62 12.96	32.77 1.38 12.15	89.88 2.66 5.85	108.95 3.35 1.62	70.35 2.61 -0.32	88.36 3.35 0.00
REPUBLIC_115KV_BARTNBRK 55605	67.78 5.50 0.00	101.59 8.72 -2.14	107.19 9.51 0.00	89.53 8.14 0.00	88.07 8.69 -1.65	94.55 6.57 -33.31	103.99 5.55 -52.99	138.41 14.01 1.00	72.70 8.08 4.48	50.53 5.56 -0.20	52.43 4.27 -12.69	38.10 4.09 4.04	57.56 3.39 -23.57	74.06 7.23 0.99	78.99 8.46 0.74	92.95 9.96 -6.66	80.50 9.62 2.78	35.22 5.09 10.29	47.16 6.32 7.82	41.65 5.44 7.33	99.63 10.09 3.53	117.35 11.11 0.98	74.95 7.06 -0.49	92.80 7.79 0.00
REVERE_CPPR_DRP 24186	64.42 2.13 0.00	93.95 3.14 -0.09	101.15 3.47 0.00	84.39 3.00 0.00	80.84 3.05 -0.07	58.41 2.38 -1.35	49.84 2.21 -2.18	132.03 6.63 0.00	72.79 3.69 0.00	47.41 2.41 -0.22	38.01 1.83 -0.70	39.91 1.86 0.00	33.12 1.51 -1.01	71.11 3.29 0.00	74.68 3.42 0.00	80.38 3.79 -0.27	77.67 4.02 0.00	44.92 2.07 -2.44	51.13 2.48 0.00	45.73 2.20 0.00	97.78 4.71 0.00	112.29 5.07 0.00	70.49 3.05 -0.03	88.67 3.66 0.00
REYNOLDS_115KV_TB3 80639	65.23 2.95 0.00	97.24 4.44 -2.08	102.32 4.64 0.00	85.23 3.84 0.00	83.09 3.76 -1.60	89.81 2.72 -32.42	99.39 2.24 -51.70	129.67 5.07 0.80	68.56 3.02 3.55	48.11 2.20 -1.14	50.53 1.88 -13.18	36.94 1.98 3.09	55.78 1.62 -23.56	70.64 3.35 0.53	74.35 3.40 0.32	86.95 3.77 -6.85	75.22 3.40 1.84	34.22 1.98 8.17	44.83 2.39 6.21	39.73 2.01 5.82	94.24 3.98 2.80	111.25 4.80 0.78	71.27 3.35 -0.51	89.13 4.12 0.00
RIVERBAY____ 323610	69.25 6.40 -0.57	101.62 9.31 -1.59	107.44 9.76 0.00	89.63 8.24 0.00	87.02 8.07 -1.22	94.73 5.86 -34.20	120.85 5.11 -70.30	160.48 13.24 -21.84	173.62 7.32 -97.19	169.33 4.82 -119.73	157.47 3.81 -118.19	139.33 4.13 -97.14	117.50 3.24 -83.66	116.21 7.12 -41.27	115.31 7.35 -36.70	120.03 8.11 -35.59	170.47 7.56 -89.25	268.13 4.24 -223.48	223.54 5.13 -169.76	207.30 4.59 -159.17	179.32 9.65 -76.60	139.59 11.11 -21.25	79.55 6.94 -5.20	93.82 8.81 -0.01
RIVERSDE_115KV_TB3 55908	65.16 2.88 0.00	97.09 4.28 -2.08	102.20 4.51 0.00	85.09 3.70 0.00	82.73 3.40 -1.60	89.30 2.45 -32.17	98.37 2.04 -50.88	128.74 4.75 1.41	65.64 2.83 6.29	44.68 2.02 2.11	47.37 1.67 -10.23	33.99 1.75 5.81	53.83 1.46 -21.77	69.11 2.96 1.67	72.80 2.87 1.33	85.48 3.13 -6.02	72.15 2.82 4.33	27.62 1.66 14.46	39.67 2.00 10.98	34.93 1.69 10.30	91.43 3.32 4.96	109.89 4.04 1.37	70.78 2.99 -0.38	88.77 3.77 0.00
ROARING___BROOK_WT_PWR 323790	60.37 -1.92 0.00	88.04 -2.69 0.00	95.38 -2.30 0.00	79.23 -2.16 0.00	75.77 -1.96 0.00	53.33 -1.34 0.00	44.40 -1.05 0.00	122.82 -2.58 0.00	67.75 -1.34 0.00	43.70 -1.08 0.00	34.64 -0.83 0.00	37.10 -0.96 0.00	29.72 -0.88 0.00	66.01 -1.81 0.00	69.40 -1.87 0.00	74.08 -2.25 0.00	71.40 -2.26 0.00	13.15 -1.43 25.84	47.06 -1.59 0.00	42.22 -1.32 0.00	90.84 -2.23 0.00	105.40 -1.82 0.00	66.14 -1.27 0.00	83.46 -1.55 0.00

ROCHESRG_115KV_T4 355643	59.37 -2.92 0.00	86.17 -4.77 -0.21	92.14 -5.54 0.00	76.95 -4.44 0.00	73.94 -3.95 -0.16	55.54 -2.71 -3.58	49.30 -2.41 -6.26	120.16 -5.95 -0.70	68.67 -3.56 -3.14	46.77 -2.27 -4.27	38.62 -1.95 -5.10	39.04 -2.05 -3.03	33.16 -1.64 -4.20	65.40 -3.54 -1.12	68.39 -3.83 -0.96	73.68 -3.96 -1.31	72.94 -3.28 -2.57	45.72 -1.91 -7.21	51.94 -2.19 -5.48	46.69 -1.98 -5.14	91.08 -4.46 -2.47	101.80 -6.11 -0.69	64.01 -3.62 -0.22	80.99 -4.02 0.00
ROCHESTER_9_IC 23652	59.79 -2.50 0.00	86.75 -4.19 -0.21	92.79 -4.89 0.00	77.45 -3.94 0.00	74.46 -3.43 -0.16	55.95 -2.33 -3.61	49.68 -2.08 -6.31	121.16 -4.95 -0.71	69.25 -3.01 -3.16	47.17 -1.91 -4.31	38.94 -1.68 -5.15	39.35 -1.77 -3.06	33.42 -1.42 -4.24	65.92 -3.03 -1.13	68.91 -3.32 -0.97	74.27 -3.38 -1.32	73.57 -2.67 -2.59	46.13 -1.57 -7.28	52.40 -1.78 -5.53	47.10 -1.62 -5.18	91.86 -3.70 -2.49	102.61 -5.30 -0.69	64.50 -3.14 -0.22	81.58 -3.44 0.00
ROCKVIEW_13_KV_LD 356306	68.78 5.87 -0.62	100.83 8.52 -1.58	106.73 9.05 0.00	89.06 7.67 0.00	86.44 7.49 -1.22	94.29 5.42 -34.20	120.25 4.51 -70.29	159.27 12.03 -21.84	173.00 6.72 -97.18	168.96 4.46 -119.72	157.20 3.55 -118.17	139.00 3.82 -97.13	117.32 3.08 -83.65	115.81 6.73 -41.26	114.95 6.99 -36.69	119.45 7.54 -35.58	170.12 7.24 -89.23	267.87 4.00 -223.46	223.25 4.85 -169.74	207.01 4.31 -159.16	178.77 9.11 -76.59	138.87 10.40 -21.24	79.24 6.63 -5.20	93.29 8.28 0.00
ROME____115KV_TB2 80656	64.42 2.13 0.00	93.95 3.14 -0.09	101.15 3.47 0.00	84.39 3.00 0.00	80.84 3.05 -0.07	58.41 2.38 -1.35	49.84 2.21 -2.18	132.03 6.63 0.00	72.79 3.69 0.00	47.41 2.41 -0.22	38.01 1.83 -0.70	39.91 1.86 0.00	33.12 1.51 -1.01	71.11 3.29 0.00	74.68 3.42 0.00	80.38 3.79 -0.27	77.67 4.02 0.00	44.92 2.07 -2.44	51.13 2.48 0.00	45.73 2.20 0.00	97.78 4.71 0.00	112.29 5.07 0.00	70.49 3.05 -0.03	88.67 3.66 0.00
ROSETON___1 23587	67.12 4.82 -0.02	99.32 7.02 -1.57	105.20 7.52 0.00	87.79 6.40 0.00	85.20 6.26 -1.21	92.95 4.51 -33.76	118.51 3.74 -69.32	156.63 9.79 -21.45	170.01 5.49 -95.43	166.05 3.69 -117.59	154.52 2.91 -116.14	137.46 3.09 -96.31	118.56 2.51 -85.45	115.79 5.45 -42.52	115.06 5.67 -38.12	120.54 6.17 -38.04	170.06 5.86 -90.54	263.11 3.28 -219.43	219.28 3.95 -166.68	203.32 3.49 -156.29	175.73 7.45 -75.21	136.62 8.54 -20.86	78.02 5.50 -5.11	91.85 6.85 0.00
ROSETON___2 23588	67.12 4.82 -0.02	99.32 7.02 -1.57	105.20 7.52 0.00	87.79 6.40 0.00	85.20 6.26 -1.21	92.95 4.51 -33.76	118.51 3.74 -69.32	156.63 9.79 -21.45	170.01 5.49 -95.43	166.05 3.69 -117.59	154.52 2.91 -116.14	137.46 3.09 -96.31	118.56 2.51 -85.45	115.79 5.45 -42.52	115.06 5.67 -38.12	120.54 6.17 -38.04	170.06 5.86 -90.54	263.11 3.28 -219.43	219.28 3.95 -166.68	203.32 3.49 -156.29	175.73 7.45 -75.21	136.62 8.54 -20.86	78.02 5.50 -5.11	91.85 6.85 0.00
ROTRDAM_115KV_TB3 80664	64.64 2.36 0.00	96.35 3.46 -2.16	101.39 3.71 0.00	84.53 3.14 0.00	82.51 3.12 -1.67	90.47 2.28 -33.52	100.44 1.96 -53.04	128.92 4.95 1.43	65.56 2.80 6.34	44.65 1.84 1.95	47.77 1.43 -10.87	33.59 1.44 5.91	54.40 1.20 -22.61	68.61 2.57 1.78	72.55 2.73 1.44	85.67 3.21 -6.14	72.32 3.16 4.50	27.64 1.80 14.58	39.77 2.19 11.07	35.05 1.90 10.38	91.93 3.86 5.00	110.17 4.33 1.39	70.64 2.82 -0.41	88.45 3.43 0.00
RUSSELL___1 23602	60.17 -2.12 0.00	87.29 -3.65 -0.21	93.33 -4.36 0.00	77.92 -3.47 0.00	74.91 -2.98 -0.16	56.28 -2.01 -3.61	49.95 -1.81 -6.31	121.99 -4.13 -0.71	69.72 -2.54 -3.16	47.49 -1.59 -4.31	39.18 -1.44 -5.15	39.60 -1.52 -3.06	33.62 -1.22 -4.24	66.35 -2.59 -1.13	69.38 -2.86 -0.97	74.79 -2.86 -1.32	74.11 -2.14 -2.59	46.44 -1.26 -7.28	52.78 -1.40 -5.53	47.43 -1.29 -5.18	92.53 -3.03 -2.49	103.35 -4.57 -0.69	64.95 -2.68 -0.22	82.11 -2.90 0.00
RUSSELL___2 23532	60.17 -2.12 0.00	87.29 -3.65 -0.21	93.33 -4.36 0.00	77.92 -3.47 0.00	74.91 -2.98 -0.16	56.28 -2.01 -3.61	49.95 -1.81 -6.31	121.99 -4.13 -0.71	69.72 -2.54 -3.16	47.49 -1.59 -4.31	39.18 -1.44 -5.15	39.60 -1.52 -3.06	33.62 -1.22 -4.24	66.35 -2.59 -1.13	69.38 -2.86 -0.97	74.79 -2.86 -1.32	74.11 -2.14 -2.59	46.44 -1.26 -7.28	52.78 -1.40 -5.53	47.43 -1.29 -5.18	92.53 -3.03 -2.49	103.35 -4.57 -0.69	64.95 -2.68 -0.22	82.11 -2.90 0.00
RUSSELL___3 23549	60.17 -2.12 0.00	87.29 -3.65 -0.21	93.33 -4.36 0.00	77.92 -3.47 0.00	74.91 -2.98 -0.16	56.28 -2.01 -3.61	49.95 -1.81 -6.31	121.99 -4.13 -0.71	69.72 -2.54 -3.16	47.49 -1.59 -4.31	39.18 -1.44 -5.15	39.60 -1.52 -3.06	33.62 -1.22 -4.24	66.35 -2.59 -1.13	69.38 -2.86 -0.97	74.79 -2.86 -1.32	74.11 -2.14 -2.59	46.44 -1.26 -7.28	52.78 -1.40 -5.53	47.43 -1.29 -5.18	92.53 -3.03 -2.49	103.35 -4.57 -0.69	64.95 -2.68 -0.22	82.11 -2.90 0.00
RUSSELL___4 23556	60.17 -2.12 0.00	87.29 -3.65 -0.21	93.33 -4.36 0.00	77.92 -3.47 0.00	74.91 -2.98 -0.16	56.28 -2.01 -3.61	49.95 -1.81 -6.31	121.99 -4.13 -0.71	69.72 -2.54 -3.16	47.49 -1.59 -4.31	39.18 -1.44 -5.15	39.60 -1.52 -3.06	33.62 -1.22 -4.24	66.35 -2.59 -1.13	69.38 -2.86 -0.97	74.79 -2.86 -1.32	74.11 -2.14 -2.59	46.44 -1.26 -7.28	52.78 -1.40 -5.53	47.43 -1.29 -5.18	92.53 -3.03 -2.49	103.35 -4.57 -0.69	64.95 -2.68 -0.22	82.11 -2.90 0.00
RUSSELL___STATION 23914	60.17 -2.12 0.00	87.29 -3.65 -0.21	93.33 -4.36 0.00	77.92 -3.47 0.00	74.91 -2.98 -0.16	56.28 -2.01 -3.61	49.95 -1.81 -6.31	121.99 -4.13 -0.71	69.72 -2.54 -3.16	47.49 -1.59 -4.31	39.18 -1.44 -5.15	39.60 -1.52 -3.06	33.62 -1.22 -4.24	66.35 -2.59 -1.13	69.38 -2.86 -0.97	74.79 -2.86 -1.32	74.11 -2.14 -2.59	46.44 -1.26 -7.28	52.78 -1.40 -5.53	47.43 -1.29 -5.18	92.53 -3.03 -2.49	103.35 -4.57 -0.69	64.95 -2.68 -0.22	82.11 -2.90 0.00
S SALMON___HYD 24043	60.41 -1.88 0.00	88.11 -2.74 -0.12	94.94 -2.74 0.00	79.08 -2.31 0.00	75.77 -2.05 -0.09	55.26 -1.27 -1.85	47.52 -0.92 -2.99	123.38 -2.02 0.00	68.01 -1.08 0.00	44.27 -0.81 -0.30	35.75 -0.68 -0.96	37.16 -0.90 0.00	31.23 -0.74 -1.38	65.97 -1.85 0.00	69.13 -2.13 0.00	74.41 -2.28 -0.37	72.01 -1.65 0.00	36.23 -0.76 3.42	47.73 -0.92 0.00	42.71 -0.83 0.00	91.42 -1.65 0.00	105.25 -1.98 0.00	66.17 -1.28 -0.04	83.21 -1.80 0.00
S.PERRY__115KV_TB1 80734	61.58 -0.70 0.00	89.26 -1.77 -0.30	95.36 -2.32 0.00	79.60 -1.80 0.00	76.49 -1.47 -0.23	58.91 -0.88 -5.12	53.77 -0.65 -8.97	125.89 -0.54 -1.03	72.96 -0.70 -4.56	59.48 -0.58 -15.29	58.08 -0.88 -23.48	56.27 -1.19 -19.41	60.22 -1.04 -30.67	99.42 -2.73 -34.33	109.82 -3.18 -41.73	100.68 -3.17 -27.51	93.09 -1.41 -20.84	84.99 -0.41 -44.99	107.02 -0.29 -58.66	106.72 -0.20 -63.39	117.82 -0.92 -25.67	106.06 -2.46 -1.29	66.27 -1.46 -0.32	83.61 -1.40 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	57.53 -4.76 0.00	83.17 -7.83 -0.27	88.58 -9.10 0.00	74.02 -7.37 0.00	71.29 -6.64 -0.21	54.59 -4.74 -4.66	49.17 -4.44 -8.16	115.18 -11.15 -0.93	66.57 -6.66 -4.13	43.61 -4.27 -3.10	34.04 -3.67 -2.23	34.16 -3.74 0.16	26.31 -2.96 1.33	53.85 -6.38 7.59	54.49 -6.87 9.91	63.61 -7.33 5.39	65.92 -6.37 1.36	36.68 -3.69 0.05	37.64 -4.20 6.81	31.09 -3.74 8.71	81.91 -8.30 2.86	97.18 -10.86 -0.82	61.40 -6.30 -0.29	78.19 -6.82 0.00

SAWYER___23_KV_LOAD	57.53	83.17	88.58	74.02	71.29	54.59	49.17	115.18	66.57	43.61	34.04	34.16	26.31	53.85	54.49	63.61	65.92	36.68	37.64	31.09	81.91	97.18	61.40	78.19
55526	-4.76	-7.83	-9.10	-7.37	-6.64	-4.74	-4.44	-11.15	-6.66	-4.27	-3.67	-3.74	-2.96	-6.38	-6.87	-7.33	-6.37	-3.69	-4.20	-3.74	-8.30	-10.86	-6.30	-6.82
	0.00	-0.27	0.00	0.00	-0.21	-4.66	-8.16	-0.93	-4.13	-3.10	-2.23	0.16	1.33	7.59	9.91	5.39	1.36	0.05	6.81	8.71	2.86	-0.82	-0.29	0.00
SELKIRK___I	64.93	96.64	101.83	84.81	82.44	88.56	97.59	128.99	67.22	46.42	48.59	35.31	53.89	69.05	72.72	85.27	73.42	31.63	42.68	37.78	92.76	110.06	70.64	88.56
	2.64	3.88	4.15	3.43	3.15	2.30	1.92	4.61	2.63	1.76	1.36	1.36	1.16	2.31	2.29	2.76	2.70	1.58	1.64	3.25	3.82	2.78	3.55	
	0.00	-2.03	0.00	0.00	-1.57	-31.59	-50.21	1.01	4.51	0.12	-11.76	4.10	-22.14	1.09	0.84	-6.18	2.93	10.37	7.88	7.39	3.56	0.99	-0.45	0.00
SELKIRK___II	64.83	96.53	101.69	84.71	82.35	88.47	96.82	127.77	62.79	41.34	44.18	31.16	51.69	67.62	71.46	84.23	69.53	21.54	34.96	30.57	89.15	108.95	70.34	88.40
	2.55	3.74	4.01	3.32	3.04	2.20	1.83	4.36	2.55	1.79	1.44	1.47	1.25	2.53	2.48	2.72	2.51	1.49	1.78	1.54	3.06	3.66	2.68	3.39
	0.00	-2.06	0.00	0.00	-1.59	-31.59	-49.54	1.99	8.86	5.23	-7.27	8.37	-19.85	2.74	2.27	-5.19	6.64	20.36	15.47	14.50	6.98	1.94	-0.25	0.00
SENECA OSWGO___HYD	60.53	88.37	94.93	79.16	75.78	55.38	47.69	122.67	67.61	44.19	35.84	37.28	31.50	66.35	69.67	75.05	72.24	39.21	47.69	42.68	90.92	104.39	65.64	82.80
	-1.76	-2.49	-2.75	-2.23	-2.05	-1.33	-1.05	-2.73	-1.49	-0.92	-0.69	-0.78	-0.61	-1.46	-1.60	-1.68	-1.41	-0.73	-0.97	-0.86	-2.15	-2.84	-1.81	-2.21
	0.00	-0.13	0.00	0.00	-0.10	-2.04	-3.29	0.00	0.00	-0.33	-1.06	0.00	-1.52	0.00	0.00	-0.40	0.00	0.48	0.00	0.00	0.00	0.00	-0.04	0.00
SENECA___115KV_TB3	58.53	84.59	90.11	75.31	72.47	55.60	50.25	117.28	67.91	44.51	34.73	34.77	26.75	54.57	55.14	64.51	67.00	37.37	38.12	31.44	83.30	98.94	62.47	79.47
	-3.76	-6.43	-7.57	-6.08	-5.48	-3.94	-3.72	-9.09	-5.52	-3.51	-3.08	-3.12	-2.45	-5.31	-5.76	-6.18	-5.24	-3.00	-3.41	-3.00	-6.79	-9.15	-5.25	-5.54
	0.00	-0.28	0.00	0.00	-0.22	-4.87	-8.52	-0.97	-4.33	-3.24	-2.34	0.16	1.39	7.94	10.36	5.64	1.42	0.05	7.12	9.09	2.98	-0.86	-0.30	0.00
SENECA___ENERGY	61.53	89.28	95.65	79.85	76.74	57.94	51.92	124.84	71.80	49.84	41.80	41.92	36.56	70.17	74.02	78.25	77.02	50.63	57.98	52.94	96.33	105.81	66.49	83.72
	-0.76	-1.68	-2.03	-1.54	-1.17	-0.75	-0.55	-1.36	-0.83	-0.38	-0.52	-0.59	-0.45	-1.17	-1.12	-1.32	-0.71	-0.30	-0.35	-0.25	-1.06	-2.21	-1.16	-1.29
	0.00	-0.23	0.00	0.00	-0.18	-4.01	-7.02	-0.79	-3.54	-5.44	-6.85	-4.46	-6.42	-3.52	-3.87	-3.24	-4.07	-10.52	-9.68	-9.66	-4.31	-0.79	-0.25	0.00
SHOEMAKER___GT	66.03	98.37	104.30	87.03	84.34	89.38	111.19	152.75	157.03	150.57	139.79	120.62	94.68	100.93	100.39	102.10	145.37	234.48	197.36	182.82	165.28	133.02	76.78	91.12
	4.28	6.19	6.62	5.64	5.50	4.01	3.29	8.66	4.81	3.16	2.49	2.63	2.09	4.54	4.76	5.32	5.17	2.94	3.52	3.15	6.70	7.63	4.90	6.11
	0.54	-1.45	0.00	0.00	-1.12	-30.70	-62.45	-18.68	-83.12	-102.64	-101.83	-79.94	-61.99	-28.57	-24.37	-20.46	-66.55	-191.13	-145.19	-136.13	-65.51	-18.17	-4.48	0.00
SHOEMAKR_138KV_BK 111	65.99	98.29	104.20	86.95	84.30	89.10	110.64	152.45	156.08	149.43	138.72	119.73	93.99	100.62	100.08	101.77	144.50	232.32	195.74	181.29	164.44	132.70	76.66	91.02
	4.22	6.12	6.52	5.56	5.46	3.97	3.27	8.58	4.79	3.15	2.51	2.66	2.11	4.60	4.77	5.28	5.13	2.92	3.52	3.15	6.59	7.51	4.83	6.01
	0.51	-1.44	0.00	0.00	-1.11	-30.46	-61.92	-18.47	-82.19	-101.50	-100.74	-79.01	-61.28	-28.20	-24.04	-20.16	-65.71	-188.98	-143.56	-134.60	-64.78	-17.96	-4.43	0.00
SHOREHAM_IC_1	114.37	195.14	121.36	91.41	88.90	96.19	137.78	167.52	173.89	169.30	160.85	139.37	117.30	120.58	115.02	175.02	191.81	267.51	223.44	207.38	179.62	140.08	80.65	102.63
	7.68	10.02	12.26	10.02	9.95	7.30	5.72	14.78	7.57	4.76	3.68	4.15	3.01	7.64	7.04	8.41	8.00	3.56	4.99	4.63	9.93	11.61	8.04	10.90
	-44.40	-94.39	-11.42	0.00	-1.22	-34.21	-86.61	-27.33	-97.22	-119.77	-121.69	-97.17	-83.69	-45.13	-36.71	-90.28	-110.16	-223.53	-169.81	-159.21	-76.62	-21.25	-5.20	-6.72
SHOREHAM_IC_2	114.37	195.14	121.36	91.41	88.90	96.19	137.78	167.52	173.89	169.30	160.85	139.37	117.30	120.58	115.02	175.02	191.81	267.51	223.44	207.38	179.62	140.08	80.65	102.63
	7.68	10.02	12.26	10.02	9.95	7.30	5.72	14.78	7.57	4.76	3.68	4.15	3.01	7.64	7.04	8.41	8.00	3.56	4.99	4.63	9.93	11.61	8.04	10.90
	-44.40	-94.39	-11.42	0.00	-1.22	-34.21	-86.61	-27.33	-97.22	-119.77	-121.69	-97.17	-83.69	-45.13	-36.71	-90.28	-110.16	-223.53	-169.81	-159.21	-76.62	-21.25	-5.20	-6.72
SISSONVILLE_____	59.46	86.57	93.34	77.61	74.07	51.99	43.41	120.68	66.38	42.67	33.67	36.16	28.93	64.39	67.70	72.52	70.36	22.76	45.86	41.11	89.34	104.84	65.90	83.30
	-2.83	-4.16	-4.34	-3.78	-3.65	-2.68	-2.04	-4.72	-2.72	-2.11	-1.81	-1.90	-1.66	-3.42	-3.57	-3.81	-3.29	-2.31	-2.79	-2.43	-3.73	-2.38	-1.51	-1.71
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.34	0.00	0.00	0.00	0.00	0.00	0.00
SITHE_IND_GS1	59.77	87.11	93.66	78.10	74.71	54.07	46.15	120.75	66.53	43.39	35.01	36.68	30.60	65.24	68.51	73.72	71.02	39.03	46.97	42.03	89.58	102.94	64.80	81.73
	-2.52	-3.72	-4.02	-3.29	-3.09	-2.10	-1.71	-4.65	-2.57	-1.63	-1.24	-1.38	-1.11	-2.57	-2.75	-2.90	-2.64	-1.38	-1.69	-1.51	-3.49	-4.29	-2.65	-3.29
	0.00	-0.09	0.00	0.00	-0.07	-1.50	-2.41	0.00	0.00	-0.24	-0.78	0.00	-1.12	0.00	0.00	-0.30	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	0.00
SITHE_IND_GS2	59.77	87.11	93.66	78.10	74.71	54.07	46.15	120.75	66.53	43.39	35.01	36.68	30.60	65.24	68.51	73.72	71.02	39.03	46.97	42.03	89.58	102.94	64.80	81.73
	-2.52	-3.72	-4.02	-3.29	-3.09	-2.10	-1.71	-4.65	-2.57	-1.63	-1.24	-1.38	-1.11	-2.57	-2.75	-2.90	-2.64	-1.38	-1.69	-1.51	-3.49	-4.29	-2.65	-3.29
	0.00	-0.09	0.00	0.00	-0.07	-1.50	-2.41	0.00	0.00	-0.24	-0.78	0.00	-1.12	0.00	0.00	-0.30	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	0.00
SITHE_IND_GS3	59.77	87.11	93.66	78.10	74.71	54.07	46.15	120.75	66.53	43.39	35.01	36.68	30.60	65.24	68.51	73.72	71.02	39.03	46.97	42.03	89.58	102.94	64.80	81.73
	-2.52	-3.72	-4.02	-3.29	-3.09	-2.10	-1.71	-4.65	-2.57	-1.63	-1.24	-1.38	-1.11	-2.57	-2.75	-2.90	-2.64	-1.38	-1.69	-1.51	-3.49	-4.29	-2.65	-3.29
	0.00	-0.09	0.00	0.00	-0.07	-1.50	-2.41	0.00	0.00	-0.24	-0.78	0.00	-1.12	0.00	0.00	-0.30	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	0.00
SITHE_IND_GS4	59.77	87.11	93.66	78.10	74.71	54.07	46.15	120.75	66.53	43.39	35.01	36.68	30.60	65.24	68.51	73.72	71.02	39.03	46.97	42.03	89.58	102.94	64.80	81.73
	-2.52	-3.72	-4.02	-3.29	-3.09	-2.10	-1.71	-4.65	-2.57	-1.63	-1.24	-1.38	-1.11	-2.57	-2.75	-2.90	-2.64	-1.38	-1.69	-1.51	-3.49	-4.29	-2.65	-3.29
	0.00	-0.09	0.00	0.00	-0.07	-1.50	-2.41	0.00	0.00	-0.24	-0.78	0.00	-1.12	0.00	0.00	-0.30	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	0.00

SITHE___BATAVIA 24024	59.68 -2.60 0.00	86.43 -4.54 -0.24	92.13 -5.55 0.00	76.97 -4.42 0.00	74.19 -3.72 -0.19	56.27 -2.54 -4.13	50.28 -2.40 -7.23	120.98 -5.24 -0.82	69.55 -3.20 -3.65	46.23 -2.21 -3.66	37.15 -1.95 -3.62	37.37 -2.08 -1.39	30.14 -1.81 -1.35	60.59 -3.86 3.37	62.44 -4.19 4.64	69.74 -4.45 2.14	71.20 -3.00 -0.54	42.29 -1.59 -3.47	46.27 -1.54 0.85	40.25 -1.31 1.97	88.90 -3.89 0.27	101.81 -6.17 -0.76	64.16 -3.51 -0.25	81.40 -3.62 0.00
SITHE___INDEPEND 23800	59.77 -2.52 0.00	87.11 -3.71 -0.09	93.67 -4.02 0.00	78.10 -3.28 0.00	74.71 -3.09 -0.07	54.07 -2.10 -1.50	46.16 -1.70 -2.41	120.75 -4.65 0.00	66.51 -2.59 0.00	43.39 -1.64 -0.24	34.99 -1.26 -0.78	36.65 -1.40 0.00	30.59 -1.12 -1.12	65.22 -2.59 0.00	68.51 -2.76 0.00	73.72 -2.91 -0.30	70.99 -2.67 0.00	39.02 -1.40 0.00	46.92 -1.73 0.00	41.99 -1.54 0.00	89.57 -3.49 0.00	102.94 -4.28 0.00	64.80 -2.65 -0.03	81.73 -3.28 0.00
SITHE___MASSENA 23902	61.23 -1.05 0.00	89.16 -1.57 0.00	96.00 -1.68 0.00	79.82 -1.57 0.00	76.12 -1.61 0.00	53.34 -1.33 0.00	44.45 -1.00 0.00	123.29 -2.11 0.00	67.77 -1.33 0.00	43.67 -1.10 0.00	34.51 -0.97 0.00	37.15 -0.91 0.00	29.76 -0.83 0.00	66.30 -1.52 0.00	69.73 -1.53 0.00	74.67 -1.66 0.00	72.11 -1.54 0.00	23.16 -1.31 15.95	47.08 -1.57 0.00	42.19 -1.35 0.00	91.35 -1.72 0.00	106.13 -1.10 0.00	66.35 -1.06 0.00	83.71 -1.30 0.00
SITHE___OGDNSBRG 24021	61.57 -0.72 0.00	89.60 -1.13 0.00	96.51 -1.17 0.00	80.24 -1.15 0.00	76.57 -1.15 0.00	53.73 -0.95 0.00	44.88 -0.57 0.00	124.71 -0.69 0.00	68.51 -0.58 0.00	44.00 -0.78 0.00	34.62 -0.85 0.00	37.16 -0.90 0.00	29.69 -0.90 0.00	66.05 -1.77 0.00	69.46 -1.81 0.00	74.49 -1.84 0.00	72.56 -1.09 0.00	23.88 -0.96 15.58	47.50 -1.15 0.00	42.58 -0.95 0.00	92.39 -0.68 0.00	107.68 0.45 0.00	67.32 -0.09 0.00	85.00 -0.02 0.00
SITHE___STERLING 23777	64.01 1.72 0.00	93.41 2.58 -0.10	100.48 2.79 0.00	83.83 2.44 0.00	80.30 2.49 -0.08	58.21 1.94 -1.60	49.83 1.81 -2.57	130.70 5.30 0.00	72.05 2.95 0.00	46.98 1.95 -0.26	37.78 1.48 -0.83	39.55 1.49 0.00	33.01 1.22 -1.19	70.47 2.65 0.00	74.06 2.80 0.00	79.78 3.13 -0.32	76.92 3.27 0.00	43.50 1.66 -1.43	50.61 1.96 0.00	45.28 1.74 0.00	96.64 3.57 0.00	110.94 3.72 0.00	69.72 2.27 -0.03	87.78 2.77 0.00
SLEIGHT__34_KV_TB1 80719	60.61 -1.68 0.00	88.11 -2.83 -0.21	94.37 -3.31 0.00	78.75 -2.64 0.00	75.65 -2.24 -0.16	56.76 -1.50 -3.59	50.52 -1.21 -6.27	123.34 -2.77 -0.71	70.51 -1.73 -3.15	47.98 -1.07 -4.28	39.62 -0.97 -5.11	40.06 -1.04 -3.04	33.98 -0.83 -4.21	67.16 -1.78 -1.12	70.28 -1.95 -0.96	75.69 -1.95 -1.31	74.82 -1.41 -2.57	46.84 -0.81 -7.23	53.20 -0.94 -5.49	47.82 -0.86 -5.15	93.41 -2.13 -2.48	104.50 -3.41 -0.69	65.60 -2.04 -0.22	82.73 -2.28 0.00
SOUTH CAIRO___GT 23612	68.03 5.75 0.00	100.92 8.24 -1.95	106.51 8.83 0.00	88.73 7.34 0.00	86.08 6.85 -1.50	91.55 5.05 -31.82	103.10 4.47 -53.17	140.27 12.16 -2.71	87.94 6.77 -12.07	68.37 4.21 -19.39	67.36 2.87 -29.02	52.86 2.65 -12.16	63.87 2.16 -31.12	77.49 4.42 -5.25	80.52 4.57 -4.69	92.05 5.66 -10.06	91.44 6.53 -11.26	72.20 4.03 -27.75	74.65 4.91 -21.08	67.50 4.20 -19.77	111.03 8.45 -9.51	119.21 9.34 -2.64	74.70 6.07 -1.22	92.43 7.42 0.00
SOUTH HAMPTN___IC 23720	114.30 7.61 -44.40	195.00 9.85 -94.42	121.51 12.39 -11.43	91.58 10.20 0.00	89.12 10.17 -1.22	96.36 7.48 -34.21	138.02 5.96 -86.61	168.19 15.46 -27.33	174.18 7.86 -97.22	169.51 4.97 -119.77	161.06 3.89 -121.69	139.54 4.31 -97.17	117.47 3.18 -83.69	120.86 7.92 -45.13	115.31 7.33 -36.71	175.36 8.75 -90.28	192.17 8.35 -110.16	267.61 3.66 -223.53	223.71 5.26 -169.81	207.62 4.87 -159.21	180.11 10.42 -76.62	140.57 12.09 -21.25	80.87 8.26 -5.20	102.78 11.06 -6.72
SOUTHDOW_115KV_TB1 355954	60.65 -1.64 0.00	87.86 -3.18 -0.30	93.87 -3.81 0.00	78.50 -2.89 0.00	75.19 -2.77 -0.23	57.75 -2.16 -5.24	52.46 -2.17 -9.18	121.38 -5.08 -1.05	70.68 -3.08 -4.68	47.85 -1.81 -4.89	38.37 -2.07 -4.97	38.17 -1.99 -2.11	31.30 -1.53 -2.23	61.10 -3.13 3.60	62.64 -3.57 5.05	70.04 -4.10 2.19	71.70 -3.03 -1.07	43.91 -1.71 -5.20	46.69 -1.98 -0.02	40.54 -1.68 1.32	89.86 -3.35 -0.14	102.94 -5.26 -0.97	64.77 -2.96 -0.33	82.70 -2.31 0.00
SOUTHOLD_69_KV_BK 2 55809	113.08 6.39 -44.40	192.77 7.62 -94.42	121.17 12.06 -11.43	91.34 9.95 0.00	88.96 10.02 -1.22	96.33 7.44 -34.21	138.10 6.03 -86.61	168.37 15.64 -27.33	174.21 7.90 -97.22	169.44 4.90 -119.77	161.07 3.90 -121.69	139.49 4.26 -97.17	117.47 3.18 -83.69	120.83 7.89 -45.13	115.09 7.11 -36.71	175.24 8.62 -90.28	192.31 8.49 -110.16	266.99 3.05 -223.53	223.67 5.22 -169.80	207.72 4.97 -159.21	180.13 10.45 -76.62	140.47 12.00 -21.25	80.74 8.13 -5.20	102.50 10.78 -6.72
SOUTHOLD___IC 23719	113.08 6.39 -44.40	192.77 7.62 -94.42	121.17 12.05 -11.43	91.34 9.95 0.00	88.97 10.02 -1.22	96.32 7.44 -34.21	138.09 6.03 -86.61	168.34 15.61 -27.33	174.14 7.82 -97.22	169.46 4.92 -119.77	161.02 3.86 -121.69	139.44 4.21 -97.17	117.44 3.15 -83.69	120.76 7.82 -45.13	115.05 7.08 -36.71	175.20 8.59 -90.28	191.80 7.98 -110.16	266.72 2.77 -223.53	223.60 5.14 -169.81	207.65 4.90 -159.21	180.12 10.43 -76.62	140.48 12.00 -21.25	80.74 8.13 -5.20	102.50 10.78 -6.72
SOUTH_FORK_WT_PWR 323839	112.53 5.85 -44.40	192.16 7.01 -94.42	119.64 10.53 -11.43	90.10 8.71 0.00	87.81 8.86 -1.22	95.52 6.64 -34.21	137.47 5.40 -86.61	166.52 13.79 -27.33	173.06 6.75 -97.22	168.78 4.23 -119.77	160.47 3.31 -121.69	138.84 3.61 -97.17	117.03 2.74 -83.69	119.89 6.95 -45.13	113.92 5.94 -36.71	174.01 7.40 -90.28	190.78 6.96 -110.16	266.48 2.54 -223.53	222.90 4.44 -169.81	206.96 4.22 -159.21	178.68 8.99 -76.62	138.84 10.37 -21.25	79.69 7.07 -5.20	101.19 9.46 -6.72
SPIERFLS_115KV_TB 1 80737	65.14 2.86 0.00	97.21 4.33 -2.14	102.38 4.70 0.00	85.45 4.06 0.00	83.62 4.24 -1.65	91.23 3.23 -33.33	101.28 2.84 -52.99	131.46 7.11 1.05	68.46 4.03 4.67	47.42 2.67 0.02	49.99 2.02 -12.50	35.82 2.00 4.23	55.75 1.68 -23.47	70.28 3.53 1.07	74.49 4.03 0.81	87.86 4.92 -6.60	75.50 4.81 2.95	32.36 2.67 10.73	43.79 3.30 8.15	38.71 2.81 7.64	94.77 5.38 3.68	112.17 5.97 1.02	71.64 3.75 -0.48	89.33 4.32 0.00
ST LAWRENCE____ 23600	60.92 -1.36 0.00	88.73 -2.00 0.00	95.53 -2.15 0.00	79.43 -1.96 0.00	75.75 -1.98 0.00	53.09 -1.58 0.00	44.20 -1.25 0.00	122.48 -2.92 0.00	67.35 -1.74 0.00	43.45 -1.32 0.00	34.36 -1.12 0.00	36.97 -1.08 0.00	29.65 -0.94 0.00	66.04 -1.78 0.00	69.46 -1.81 0.00	74.36 -1.97 0.00	71.71 -1.95 0.00	23.06 -1.28 16.07	47.12 -1.53 0.00	42.20 -1.34 0.00	90.85 -2.22 0.00	105.19 -2.04 0.00	65.77 -1.64 0.00	82.94 -2.08 0.00
STATE_CA_115KV_115_LB 55624	65.33 3.04 0.00	97.28 4.46 -2.09	102.40 4.72 0.00	85.27 3.88 0.00	82.88 3.53 -1.61	89.63 2.55 -32.41	98.86 2.14 -51.27	129.16 5.15 1.39	65.95 3.03 6.17	44.97 2.13 1.94	47.67 1.73 -10.47	34.15 1.80 5.71	54.10 1.51 -21.99	69.28 3.10 1.64	72.99 3.03 1.31	85.67 3.26 -6.08	72.43 3.01 4.24	27.97 1.75 14.19	39.99 2.12 10.78	35.22 1.80 10.11	91.73 3.53 4.87	110.13 4.25 1.35	70.93 3.13 -0.39	88.95 3.94 0.00

STATE_ST_34_KV_LOAD 55959	62.64 0.35 0.00	91.23 0.27 -0.23	97.95 0.27 0.00	81.75 0.36 0.00	78.39 0.49 -0.18	58.88 0.22 -3.98	52.69 0.27 -6.97	127.25 1.06 -0.79	73.13 0.53 -3.51	50.00 0.45 -4.78	41.39 0.22 -5.70	41.61 0.16 -3.40	35.44 0.16 -4.68	69.33 0.26 -1.25	72.68 0.34 -1.07	78.20 0.41 -1.46	77.27 0.74 -2.87	48.98 0.49 -8.07	55.38 0.59 -6.13	49.82 0.54 -5.75	96.65 0.81 -2.77	108.22 0.22 -0.77	68.03 0.37 -0.24	85.64 0.63 0.00
STATION_5_MISC_HYD 23604	59.79 -2.50 0.00	86.76 -4.18 -0.21	92.79 -4.89 0.00	77.45 -3.94 0.00	74.46 -3.43 -0.16	55.95 -2.34 -3.61	49.68 -2.08 -6.31	121.18 -4.93 -0.71	69.37 -2.89 -3.16	47.17 -1.92 -4.31	39.00 -1.62 -5.15	39.42 -1.70 -3.06	33.46 -1.37 -4.24	66.03 -2.92 -1.13	69.06 -3.17 -0.97	74.30 -3.35 -1.32	73.77 -2.48 -2.59	46.19 -1.50 -7.28	52.50 -1.69 -5.53	47.22 -1.50 -5.18	91.91 -3.65 -2.49	102.63 -5.29 -0.69	64.50 -3.13 -0.22	81.57 -3.44 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	61.31 -0.98 0.00	89.00 -1.95 -0.21	95.28 -2.40 0.00	79.58 -1.81 0.00	76.50 -1.39 -0.17	57.52 -0.84 -3.69	51.23 -0.67 -6.45	124.78 -1.35 -0.73	71.37 -0.96 -3.23	48.65 -0.53 -4.40	40.14 -0.60 -5.26	40.52 -0.66 -3.13	34.39 -0.54 -4.33	67.79 -1.18 -1.15	70.96 -1.29 -0.99	76.42 -1.26 -1.35	75.67 -0.63 -2.65	47.48 -0.37 -7.44	53.93 -0.37 -5.65	48.50 -0.33 -5.30	94.49 -1.13 -2.55	105.58 -2.35 -0.71	66.31 -1.33 -0.23	83.67 -1.34 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	59.58 -2.70 0.00	86.49 -4.45 -0.21	92.52 -5.16 0.00	77.21 -4.18 0.00	74.24 -3.64 -0.16	55.78 -2.48 -3.59	49.55 -2.18 -6.27	120.86 -5.25 -0.71	69.11 -3.13 -3.14	47.05 -2.01 -4.28	38.85 -1.74 -5.11	39.26 -1.83 -3.04	33.34 -1.47 -4.21	65.77 -3.16 -1.12	68.80 -3.42 -0.96	74.14 -3.51 -1.31	73.40 -2.83 -2.57	45.99 -1.65 -7.23	52.25 -1.89 -5.49	46.96 -1.72 -5.15	91.61 -3.94 -2.48	102.38 -5.53 -0.69	64.33 -3.30 -0.22	81.32 -3.69 0.00
STA_56___34_KV_BUS2 355983	59.58 -2.70 0.00	86.49 -4.45 -0.21	92.52 -5.16 0.00	77.21 -4.18 0.00	74.24 -3.64 -0.16	55.78 -2.48 -3.59	49.55 -2.18 -6.27	120.86 -5.25 -0.71	69.11 -3.13 -3.14	47.05 -2.01 -4.28	38.85 -1.74 -5.11	39.26 -1.83 -3.04	33.34 -1.47 -4.21	65.77 -3.16 -1.12	68.80 -3.42 -0.96	74.14 -3.51 -1.31	73.40 -2.83 -2.57	45.99 -1.65 -7.23	52.25 -1.89 -5.49	46.96 -1.72 -5.15	91.61 -3.94 -2.48	102.38 -5.53 -0.69	64.33 -3.30 -0.22	81.32 -3.69 0.00
STA_67___115KV_BK2 355882	59.62 -2.67 0.00	86.52 -4.42 -0.21	92.52 -5.16 0.00	77.25 -4.14 0.00	74.25 -3.64 -0.16	55.79 -2.49 -3.61	49.54 -2.22 -6.31	120.77 -5.34 -0.71	69.03 -3.22 -3.16	47.02 -2.06 -4.30	38.82 -1.79 -5.14	39.23 -1.88 -3.06	33.32 -1.51 -4.24	65.71 -3.23 -1.13	68.70 -3.53 -0.97	74.02 -3.62 -1.32	73.32 -2.92 -2.59	45.99 -1.70 -7.27	52.23 -1.95 -5.52	46.95 -1.77 -5.18	91.55 -4.01 -2.49	102.31 -5.61 -0.69	64.31 -3.32 -0.22	81.34 -3.68 0.00
STA_7___115KV_9TRANS 80674	60.17 -2.12 0.00	87.29 -3.65 -0.21	93.33 -4.36 0.00	77.92 -3.47 0.00	74.91 -2.98 -0.16	56.28 -2.01 -3.61	49.95 -1.81 -6.31	121.99 -4.13 -0.71	69.72 -2.54 -3.16	47.49 -1.59 -4.31	39.18 -1.44 -5.15	39.60 -1.52 -3.06	33.62 -1.22 -4.24	66.35 -2.59 -1.13	69.38 -2.86 -0.97	74.79 -2.86 -1.32	74.11 -2.14 -2.59	46.44 -1.26 -7.28	52.78 -1.40 -5.53	47.43 -1.29 -5.18	92.53 -3.03 -2.49	103.35 -4.57 -0.69	64.95 -2.68 -0.22	82.11 -2.90 0.00
STA_82___115KV_TB1 80780	59.67 -2.62 0.00	86.57 -4.37 -0.21	92.57 -5.11 0.00	77.29 -4.10 0.00	74.30 -3.59 -0.16	55.85 -2.45 -3.63	49.62 -2.18 -6.35	120.90 -5.22 -0.72	69.12 -3.16 -3.18	47.09 -2.02 -4.33	38.88 -1.77 -5.18	39.27 -1.86 -3.08	33.37 -1.49 -4.26	65.74 -3.21 -1.13	68.74 -3.50 -0.97	74.08 -3.58 -1.33	73.40 -2.86 -2.60	46.07 -1.67 -7.32	52.31 -1.90 -5.56	47.02 -1.73 -5.21	91.63 -3.95 -2.51	102.36 -5.56 -0.70	64.35 -3.28 -0.22	81.39 -3.62 0.00
STEEL___WIND 323596	58.41 -3.88 0.00	84.43 -6.58 -0.28	89.92 -7.77 0.00	75.16 -6.23 0.00	72.32 -5.62 -0.22	55.49 -4.05 -4.87	50.16 -3.82 -8.52	117.05 -9.32 -0.97	67.97 -5.46 -4.33	44.41 -3.61 -3.24	34.76 -3.05 -2.34	34.78 -3.12 0.16	26.77 -2.44 1.39	54.61 -5.27 7.94	55.22 -5.68 10.36	64.38 -6.31 5.64	67.15 -5.08 1.42	37.40 -2.97 0.05	38.23 -3.30 7.12	31.60 -2.84 9.09	83.17 -6.91 2.98	98.75 -9.33 -0.86	62.38 -5.34 -0.30	79.32 -5.69 0.00
STEPHTWN_115KV_BK_2 55603	66.12 3.84 0.00	98.32 5.52 -2.07	103.91 6.23 0.00	86.33 4.94 0.00	83.87 4.55 -1.60	89.89 3.31 -31.91	98.56 2.84 -50.27	130.74 7.00 1.67	65.67 3.99 7.42	44.00 2.71 3.48	46.52 2.12 -8.92	33.24 2.12 6.94	53.32 1.81 -20.91	69.35 3.68 2.14	73.25 3.74 1.75	86.10 4.13 -5.64	72.27 3.96 5.35	25.66 2.30 17.05	38.46 2.76 12.96	33.80 2.41 12.15	92.09 4.87 5.85	111.49 5.89 1.62	71.70 3.96 -0.32	89.80 4.79 0.00
STEUBEN_REC_LFGE 323667	58.83 -3.45 0.00	85.21 -5.89 -0.38	90.61 -7.08 0.00	75.59 -5.80 0.00	72.57 -5.45 -0.29	57.38 -3.79 -6.50	53.68 -3.16 -11.38	118.90 -7.81 -1.31	70.24 -4.69 -5.83	56.01 -2.93 -14.16	53.23 -2.72 -20.48	51.07 -2.93 -15.95	52.83 -2.38 -24.62	86.77 -5.61 -24.56	94.82 -5.96 -29.51	89.55 -6.79 -20.02	84.68 -5.51 -16.53	74.72 -2.83 -37.13	90.45 -3.25 -45.04	88.73 -2.80 -48.00	106.32 -6.53 -19.78	100.06 -8.64 -1.47	62.75 -5.07 -0.40	79.02 -5.99 0.00
STILLWATER___SOLAR 323814	65.76 3.47 0.00	98.05 5.18 -2.13	103.16 5.48 0.00	86.07 4.68 0.00	84.09 4.72 -1.64	91.41 3.50 -33.23	101.43 3.01 -52.97	132.16 7.62 0.86	69.54 4.27 3.83	48.51 2.78 -0.95	50.93 2.14 -13.32	36.84 2.18 3.39	56.36 1.85 -23.91	71.00 3.89 0.71	75.12 4.35 0.49	88.35 5.18 -6.84	76.44 4.96 2.18	34.41 2.80 8.81	45.39 3.43 6.69	40.19 2.92 6.27	95.89 5.85 3.02	112.99 6.61 0.84	72.17 4.24 -0.52	90.14 5.13 0.00
STONY___BROOK 24151	114.52 7.83 -44.40	195.44 10.37 -94.34	121.43 12.34 -11.41	91.37 9.98 0.00	88.80 9.85 -1.22	96.08 7.20 -34.21	137.84 5.77 -86.61	167.62 14.89 -27.33	174.01 7.70 -97.22	169.46 4.92 -119.77	161.26 4.10 -121.69	139.87 4.65 -97.17	117.87 3.59 -83.69	121.24 8.30 -45.13	116.23 8.26 -36.71	176.05 9.44 -90.28	192.64 8.83 -110.16	268.02 4.07 -223.53	223.90 5.45 -169.81	207.75 5.00 -159.21	180.40 10.71 -76.62	141.05 12.58 -21.25	81.19 8.58 -5.20	102.91 11.18 -6.72
STURGEON_POOL_HYD 23609	70.17 7.87 -0.01	103.78 11.43 -1.62	109.88 12.20 0.00	91.75 10.36 0.00	89.07 10.09 -1.25	94.22 7.34 -32.20	114.49 6.26 -62.78	158.19 17.14 -15.65	148.13 9.42 -69.61	137.87 6.08 -87.02	128.86 4.70 -88.69	111.46 4.82 -68.59	96.26 3.77 -61.88	103.18 8.20 -27.16	103.78 8.73 -23.78	109.67 9.99 -23.35	144.12 10.03 -60.43	206.20 5.71 -160.07	177.15 6.91 -121.59	163.70 6.15 -114.01	160.77 12.83 -54.87	136.89 14.45 -15.21	80.25 8.96 -3.89	96.03 11.02 0.00
ST_LAW_115_BK7_LBMP 345037	60.85 -1.44 0.00	88.62 -2.11 0.00	95.42 -2.26 0.00	79.34 -2.05 0.00	75.62 -2.10 0.00	52.98 -1.70 0.00	44.12 -1.33 0.00	122.31 -3.09 0.00	67.23 -1.86 0.00	43.36 -1.42 0.00	34.28 -1.19 0.00	36.91 -1.15 0.00	29.60 -1.00 0.00	65.92 -1.90 0.00	69.37 -1.90 0.00	74.25 -2.08 0.00	71.60 -2.06 0.00	22.98 -1.37 16.07	47.02 -1.64 0.00	42.11 -1.43 0.00	90.72 -2.35 0.00	105.15 -2.08 0.00	65.72 -1.70 0.00	82.87 -2.14 0.00

ST_LAW_115_BK8_LBMP 345038	60.85 -1.44 0.00	88.62 -2.11 0.00	95.42 -2.26 0.00	79.34 -2.05 0.00	75.62 -2.10 0.00	52.98 -1.70 0.00	44.12 -1.33 0.00	122.31 -3.09 0.00	67.23 -1.86 0.00	43.36 -1.42 0.00	34.28 -1.19 0.00	36.91 -1.15 0.00	29.60 -1.00 0.00	65.92 -1.90 0.00	69.37 -1.90 0.00	74.25 -2.08 0.00	71.60 -2.06 0.00	22.98 -1.37 16.07	47.02 -1.64 0.00	42.11 -1.43 0.00	90.72 -2.35 0.00	105.15 -2.08 0.00	65.72 -1.70 0.00	82.87 -2.14 0.00
ST_LAW_230_BK5_LBMP 345035	60.92 -1.36 0.00	88.73 -2.00 0.00	95.53 -2.15 0.00	79.43 -1.96 0.00	75.75 -1.98 0.00	53.09 -1.58 0.00	44.20 -1.25 0.00	122.48 -2.92 0.00	67.35 -1.74 0.00	43.45 -1.32 0.00	34.36 -1.12 0.00	36.97 -1.08 0.00	29.65 -0.94 0.00	66.04 -1.78 0.00	69.46 -1.81 0.00	74.36 -1.97 0.00	71.71 -1.95 0.00	22.99 -1.28 16.14	47.12 -1.53 0.00	42.20 -1.34 0.00	90.85 -2.22 0.00	105.19 -2.04 0.00	65.77 -1.64 0.00	82.94 -2.08 0.00
ST_LAW_230_BK6_LBMP 345036	60.92 -1.36 0.00	88.73 -2.00 0.00	95.53 -2.15 0.00	79.43 -1.96 0.00	75.75 -1.98 0.00	53.09 -1.58 0.00	44.20 -1.25 0.00	122.48 -2.92 0.00	67.35 -1.74 0.00	43.45 -1.32 0.00	34.36 -1.12 0.00	36.97 -1.08 0.00	29.65 -0.94 0.00	66.04 -1.78 0.00	69.46 -1.81 0.00	74.36 -1.97 0.00	71.71 -1.95 0.00	22.99 -1.28 16.14	47.12 -1.53 0.00	42.20 -1.34 0.00	90.85 -2.22 0.00	105.19 -2.04 0.00	65.77 -1.64 0.00	82.94 -2.08 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	66.21 4.54 0.62	98.84 6.63 -1.48	104.76 7.08 0.00	87.44 6.05 0.00	84.80 5.93 -1.14	90.46 4.30 -31.49	113.21 3.54 -64.22	154.11 9.32 -19.38	160.56 5.23 -86.24	154.68 3.48 -106.42	143.69 2.75 -105.46	124.01 2.93 -83.03	97.30 2.34 -64.36	102.74 5.08 -29.84	102.03 5.28 -25.49	103.55 5.77 -21.45	148.55 5.57 -69.32	241.85 3.14 -198.30	203.06 3.78 -150.63	188.13 3.35 -141.24	168.10 7.06 -67.97	134.15 8.07 -18.85	77.24 5.20 -4.64	91.44 6.43 0.00
SWANROAD_115KV_TB1 355699	55.96 -6.33 0.00	80.96 -10.03 -0.26	86.07 -11.61 0.00	71.94 -9.45 0.00	69.48 -8.45 -0.20	53.13 -6.03 -4.49	47.65 -5.66 -7.86	111.78 -14.51 -0.89	64.49 -8.59 -3.98	42.71 -5.49 -3.42	33.88 -4.51 -2.92	34.04 -4.59 -0.57	26.87 -3.63 0.10	54.19 -7.88 5.74	55.18 -8.48 7.61	63.13 -9.24 3.96	64.79 -8.38 0.49	37.39 -4.63 -1.60	39.49 -5.05 4.11	33.37 -4.51 5.66	80.81 -10.57 1.70	94.12 -13.91 -0.81	59.67 -8.01 -0.28	76.09 -8.92 0.00
SYNERGY___BIOGAS 323694	59.68 -2.60 0.00	86.43 -4.54 -0.24	92.13 -5.55 0.00	76.97 -4.42 0.00	74.19 -3.72 -0.19	56.27 -2.54 -4.13	50.28 -2.40 -7.23	120.98 -5.24 -0.82	69.55 -3.20 -3.65	46.23 -2.21 -3.66	37.15 -1.95 -3.62	37.37 -2.08 -1.39	30.14 -1.81 -1.35	60.59 -3.86 3.37	62.44 -4.19 4.64	69.74 -4.45 2.14	71.20 -3.00 -0.54	42.29 -1.59 -3.47	46.27 -1.54 0.85	40.25 -1.31 1.97	88.90 -3.89 0.27	101.81 -6.17 -0.76	64.16 -3.51 -0.25	81.40 -3.62 0.00
SYRACUSE___ENERGY_ST1 323597	61.92 -0.36 0.00	90.28 -0.63 -0.19	96.99 -0.69 0.00	80.92 -0.47 0.00	77.50 -0.37 -0.14	57.72 -0.18 -3.22	51.01 -0.07 -5.63	126.05 0.02 -0.63	71.88 -0.02 -2.81	48.65 0.05 -3.82	40.05 0.01 -4.57	40.78 -0.05 -2.77	34.55 -0.01 -3.96	68.81 -0.13 -1.12	72.11 -0.14 -0.98	77.57 -0.12 -1.36	76.27 0.14 -2.47	47.02 0.15 -6.45	53.70 0.14 -4.90	48.27 0.14 -4.59	95.32 0.04 -2.21	107.36 -0.48 -0.61	67.34 -0.27 -0.20	84.79 -0.22 0.00
SYRACUSE___ENERGY_ST2 323598	61.92 -0.36 0.00	90.28 -0.63 -0.19	96.99 -0.69 0.00	80.92 -0.47 0.00	77.50 -0.37 -0.14	57.72 -0.18 -3.22	51.01 -0.07 -5.63	126.05 0.02 -0.63	71.88 -0.02 -2.81	48.65 0.05 -3.82	40.05 0.01 -4.57	40.78 -0.05 -2.77	34.55 -0.01 -3.96	68.81 -0.13 -1.12	72.11 -0.14 -0.98	77.57 -0.12 -1.36	76.27 0.14 -2.47	47.02 0.15 -6.45	53.70 0.14 -4.90	48.27 0.14 -4.59	95.32 0.04 -2.21	107.36 -0.48 -0.61	67.34 -0.27 -0.20	84.79 -0.22 0.00
SYRACUSE___POWER 24017	61.85 -0.44 0.00	90.14 -0.78 -0.19	96.80 -0.88 0.00	80.78 -0.61 0.00	77.35 -0.52 -0.15	57.68 -0.27 -3.28	51.04 -0.13 -5.73	125.92 -0.12 -0.64	71.85 -0.10 -2.86	48.68 0.01 -3.89	40.10 -0.02 -4.65	40.80 -0.07 -2.82	34.59 -0.04 -4.03	68.79 -0.16 -1.14	72.10 -0.16 -1.00	77.55 -0.16 -1.38	76.24 0.07 -2.52	47.08 0.10 -6.56	53.73 0.09 -4.99	48.30 0.08 -4.68	95.24 -0.08 -2.25	107.27 -0.58 -0.62	67.23 -0.39 -0.20	84.64 -0.37 0.00
TALLMAN___138KV_BK151 55660	66.27 4.81 0.82	99.29 7.04 -1.52	105.18 7.49 0.00	87.81 6.42 0.00	85.18 6.29 -1.17	91.75 4.56 -32.52	115.74 3.78 -66.51	155.62 9.91 -20.32	165.05 5.56 -90.39	159.96 3.72 -111.47	148.71 2.94 -110.30	128.35 3.13 -87.16	100.62 2.50 -67.52	104.84 5.47 -31.55	103.91 5.65 -27.00	105.22 6.09 -22.80	152.56 5.84 -73.06	251.59 3.30 -207.87	210.52 3.96 -157.91	195.12 3.53 -148.06	171.74 7.42 -71.25	135.52 8.53 -19.76	77.73 5.47 -4.85	91.78 6.77 0.00
TEALLAVE_115KV_TB7 355573	61.39 -0.89 0.00	89.45 -1.44 -0.16	96.06 -1.62 0.00	80.14 -1.25 0.00	76.74 -1.11 -0.12	56.73 -0.67 -2.72	49.71 -0.49 -4.75	124.77 -1.16 -0.53	70.78 -0.65 -2.34	47.62 -0.35 -3.19	39.01 -0.29 -3.83	40.01 -0.36 -2.31	33.65 -0.27 -3.33	68.07 -0.69 -0.93	71.35 -0.73 -0.82	76.71 -0.75 -1.14	75.20 -0.52 -2.06	45.56 -0.23 -5.38	52.41 -0.33 -4.09	47.07 -0.30 -3.83	94.05 -0.87 -1.84	106.25 -1.49 -0.51	66.65 -0.92 -0.16	83.96 -1.05 0.00
TELGRAPH_34_KV_EAST 80808	57.82 -4.47 0.00	83.69 -7.29 -0.25	89.12 -8.56 0.00	74.47 -6.92 0.00	71.84 -6.09 -0.19	54.65 -4.31 -4.28	48.92 -4.02 -7.50	116.34 -9.91 -0.85	66.90 -5.99 -3.79	44.45 -3.85 -3.52	35.46 -3.27 -3.26	35.68 -3.36 -0.98	28.53 -2.70 -0.64	57.47 -5.85 4.50	58.85 -6.36 6.06	66.55 -6.76 3.01	67.92 -5.77 -0.04	39.75 -3.20 -2.54	42.74 -3.48 2.44	36.67 -3.10 3.77	84.78 -7.32 0.96	97.89 -10.11 -0.77	61.87 -5.80 -0.26	78.73 -6.28 0.00
TEMPLE___115KV_TB 2 55572	61.45 -0.84 0.00	89.50 -1.39 -0.16	96.13 -1.55 0.00	80.20 -1.19 0.00	76.79 -1.06 -0.12	56.79 -0.64 -2.76	49.82 -0.46 -4.82	124.88 -1.06 -0.53	70.87 -0.60 -2.38	47.70 -0.32 -3.25	39.10 -0.26 -3.89	40.07 -0.33 -2.35	33.74 -0.24 -3.38	68.15 -0.62 -0.95	71.44 -0.66 -0.83	76.79 -0.70 -1.16	75.28 -0.47 -2.10	45.69 -0.20 -5.47	52.52 -0.29 -4.16	47.17 -0.26 -3.90	94.14 -0.80 -1.88	106.32 -1.43 -0.52	66.71 -0.87 -0.17	84.03 -0.98 0.00
TIANA____69_KV_BK 1 55817	114.50 7.81 -44.40	195.33 10.18 -94.42	121.74 12.63 -11.43	91.74 10.35 0.00	89.23 10.28 -1.22	96.46 7.58 -34.21	138.10 6.04 -86.61	168.41 15.68 -27.33	174.37 8.06 -97.22	169.58 5.04 -119.77	161.18 4.01 -121.69	139.68 4.45 -97.17	117.55 3.26 -83.69	121.04 8.10 -45.13	115.53 7.55 -36.71	175.57 8.95 -90.28	192.57 8.76 -110.16	267.92 3.97 -223.53	223.91 5.45 -169.80	207.80 5.06 -159.21	180.37 10.69 -76.62	140.83 12.36 -21.25	81.04 8.43 -5.20	102.99 11.26 -6.72
TILDEN___115KV_TB1 80814	61.85 -0.44 0.00	90.14 -0.78 -0.19	96.80 -0.88 0.00	80.78 -0.61 0.00	77.35 -0.52 -0.15	57.68 -0.27 -3.28	51.04 -0.13 -5.73	125.92 -0.12 -0.64	71.85 -0.10 -2.86	48.68 0.01 -3.89	40.10 -0.02 -4.65	40.80 -0.07 -2.82	34.59 -0.04 -4.03	68.79 -0.16 -1.14	72.10 -0.16 -1.00	77.55 -0.16 -1.38	76.24 0.07 -2.52	47.08 0.10 -6.56	53.73 0.09 -4.99	48.30 0.08 -4.68	95.24 -0.08 -2.25	107.27 -0.58 -0.62	67.23 -0.39 -0.20	84.64 -0.37 0.00

TRIGEN___CC 323695	113.50 6.82 -44.40	187.11 9.79 -86.59	117.59 10.72 -9.19	90.21 8.82 0.00	87.63 8.68 -1.22	95.21 6.33 -34.21	137.27 5.20 -86.61	166.43 13.70 -27.33	173.77 7.45 -97.22	169.38 4.83 -119.77	161.22 4.05 -121.69	139.57 4.34 -97.17	117.68 3.39 -83.69	120.58 7.63 -45.13	115.79 7.81 -36.72	175.16 8.54 -90.29	191.94 8.12 -110.16	268.11 4.17 -223.53	223.71 5.25 -169.80	207.49 4.74 -159.21	179.81 10.13 -76.62	140.30 11.82 -21.25	80.32 7.71 -5.20	101.41 9.69 -6.72
TRINITY___115KV___4 BK 55933	65.07 2.78 0.00	96.91 4.11 -2.07	102.02 4.33 0.00	84.95 3.56 0.00	82.54 3.21 -1.60	88.99 2.31 -32.01	97.82 1.91 -50.46	128.25 4.48 1.63	64.53 2.68 7.25	43.41 1.90 3.27	46.19 1.57 -9.15	32.93 1.64 6.77	53.06 1.37 -21.09	68.52 2.77 2.07	72.23 2.65 1.68	84.90 2.85 -5.72	71.05 2.58 5.18	25.27 1.52 16.67	37.83 1.83 12.66	33.21 1.54 11.87	90.37 3.02 5.71	109.35 3.71 1.59	70.56 2.82 -0.33	88.59 3.58 0.00
UNION___PROCESSING_DRP 323587	59.67 -2.62 0.00	86.59 -4.34 -0.21	92.62 -5.06 0.00	77.29 -4.10 0.00	74.33 -3.56 -0.16	55.87 -2.44 -3.63	49.63 -2.17 -6.36	120.91 -5.20 -0.72	69.14 -3.15 -3.19	47.10 -2.01 -4.34	38.90 -1.76 -5.18	39.29 -1.85 -3.08	33.38 -1.48 -4.27	65.76 -3.19 -1.13	68.76 -3.48 -0.97	74.10 -3.56 -1.33	73.41 -2.86 -2.61	46.09 -1.66 -7.33	52.33 -1.89 -5.57	47.04 -1.72 -5.22	91.68 -3.90 -2.51	102.42 -5.50 -0.70	64.36 -3.27 -0.22	81.41 -3.60 0.00
UPPER HUDSON___HYD 24058	65.14 2.86 0.00	97.21 4.34 -2.14	102.38 4.70 0.00	85.44 4.05 0.00	83.62 4.24 -1.65	91.23 3.23 -33.33	101.28 2.84 -52.99	131.47 7.11 1.05	68.46 4.03 4.67	47.42 2.66 0.02	49.98 2.01 -12.50	35.81 1.99 4.23	55.76 1.69 -23.47	70.27 3.52 1.07	74.50 4.04 0.81	87.86 4.93 -6.60	75.49 4.79 2.95	32.36 2.68 10.73	43.78 3.28 8.15	38.70 2.81 7.64	94.77 5.38 3.68	112.17 5.96 1.02	71.64 3.75 -0.48	89.33 4.32 0.00
UPPER RAQUET___HYD 24056	59.45 -2.83 0.00	86.57 -4.16 0.00	93.34 -4.34 0.00	77.61 -3.78 0.00	74.07 -3.65 0.00	51.99 -2.68 0.00	43.41 -2.04 0.00	120.68 -4.72 0.00	66.36 -2.74 0.00	42.67 -2.10 0.00	33.67 -1.81 0.00	36.16 -1.89 0.00	28.93 -1.67 0.00	64.41 -3.41 0.00	67.68 -3.59 0.00	72.53 -3.80 0.00	70.33 -3.32 0.00	22.75 -2.32 15.34	45.88 -2.77 0.00	41.11 -2.42 0.00	89.33 -3.74 0.00	104.84 -2.38 0.00	65.91 -1.50 0.00	83.30 -1.71 0.00
VALLEY44_115KV_TB2 355964	60.54 -1.75 0.00	87.98 -3.07 -0.32	94.29 -3.39 0.00	78.81 -2.59 0.00	75.25 -2.73 -0.24	57.73 -2.42 -5.47	52.45 -2.57 -9.57	120.98 -5.51 -1.10	70.51 -3.47 -4.88	48.47 -1.93 -5.63	39.89 -1.69 -6.11	39.48 -1.65 -3.07	33.15 -1.19 -3.74	63.56 -2.38 1.87	65.65 -2.66 2.96	72.16 -3.35 0.81	73.04 -2.72 -2.10	45.95 -1.89 -7.42	49.32 -2.27 -2.94	43.43 -1.94 -1.84	90.59 -3.89 -1.41	102.87 -5.40 -1.03	64.99 -2.76 -0.34	82.72 -2.29 0.00
VALLEY___115KV_TB 1-4 80826	63.46 1.18 0.00	92.51 1.78 0.00	99.57 1.89 0.00	82.97 1.58 0.00	79.41 1.68 0.00	56.12 1.45 0.00	46.68 1.23 0.00	128.10 2.70 0.00	70.57 1.48 0.00	45.77 0.99 0.00	36.15 0.68 0.00	38.66 0.60 0.00	31.14 0.55 0.00	68.81 0.99 0.00	72.35 1.08 0.00	77.93 1.60 0.00	75.38 1.73 0.00	43.05 1.08 -1.56	49.99 1.34 0.00	44.70 1.16 0.00	95.40 2.33 0.00	109.79 2.56 0.00	69.13 1.72 0.00	86.90 1.89 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	67.71 5.42 0.00	99.20 7.75 -0.72	106.13 8.45 0.00	88.56 7.17 0.00	85.25 6.96 -0.56	72.18 5.01 -12.49	71.69 4.31 -21.94	139.83 11.84 -2.59	87.05 6.44 -11.51	64.62 4.28 -15.56	57.19 3.33 -18.39	52.76 3.56 -11.14	48.40 2.83 -14.98	78.20 6.27 -4.12	81.33 6.53 -3.54	88.29 7.25 -4.71	90.21 7.10 -9.45	70.74 3.86 -26.47	73.40 4.64 -20.10	66.52 4.13 -18.85	110.79 8.65 -9.07	119.11 9.37 -2.52	73.94 5.73 -0.79	92.27 7.26 0.00
VISCHER___FERRY HYD 24020	65.41 3.12 0.00	97.54 4.71 -2.10	102.57 4.88 0.00	85.51 4.12 0.00	83.49 4.14 -1.62	90.80 3.03 -33.09	101.34 2.55 -53.34	131.45 6.05 0.00	72.65 3.56 0.00	52.67 2.48 -5.42	54.69 2.02 -17.20	40.56 2.09 -0.41	58.37 1.73 -26.04	72.36 3.66 -0.88	76.09 3.90 -0.92	88.68 4.46 -7.89	79.05 4.11 -1.28	42.75 2.34 0.00	51.51 2.86 0.00	45.97 2.43 0.00	97.93 4.87 0.00	112.93 5.70 0.00	71.88 3.78 -0.69	89.59 4.58 0.00
V_A_10_SYNC_DSASP 323832	57.53 -4.75 0.00	83.39 -7.58 -0.23	88.99 -8.69 0.00	74.35 -7.04 0.00	71.53 -6.38 -0.18	54.16 -4.54 -4.03	48.32 -4.19 -7.05	115.61 -10.59 -0.80	66.51 -6.14 -3.56	44.29 -4.05 -3.57	35.68 -3.31 -3.52	35.97 -3.43 -1.34	29.19 -2.71 -1.31	58.70 -5.81 3.30	60.50 -6.22 4.55	67.43 -6.79 2.10	68.42 -5.76 -0.52	40.30 -3.47 -3.36	43.81 -3.97 0.87	38.04 -3.50 1.99	84.90 -7.89 0.28	97.72 -10.24 -0.74	61.67 -5.99 -0.25	78.36 -6.65 0.00
V_CMM_10_SYNC_DSASP 323787	61.19 -1.10 0.00	89.11 -1.62 0.00	95.92 -1.76 0.00	79.76 -1.63 0.00	76.06 -1.67 0.00	53.29 -1.39 0.00	44.38 -1.07 0.00	123.02 -2.38 0.00	67.64 -1.46 0.00	43.62 -1.15 0.00	34.47 -1.00 0.00	37.13 -0.93 0.00	29.77 -0.83 0.00	66.31 -1.50 0.00	69.76 -1.51 0.00	74.67 -1.66 0.00	72.03 -1.62 0.00	23.21 -1.13 16.07	47.29 -1.36 0.00	42.36 -1.18 0.00	91.26 -1.81 0.00	105.72 -1.51 0.00	66.06 -1.35 0.00	83.32 -1.69 0.00
V_CMP_10_SYNC_DSASP 323788	60.64 -1.65 0.00	88.58 -2.15 0.00	95.22 -2.46 0.00	79.08 -2.31 0.00	75.29 -2.44 0.00	52.54 -2.13 0.00	-10.96 -1.74 54.67	-1.92 -4.25 123.07	52.83 -2.37 13.90	43.14 -1.64 0.00	34.10 -1.37 0.00	36.61 -1.45 0.00	29.37 -1.23 0.00	16.30 -2.59 48.93	68.82 -2.44 0.00	74.12 -2.21 0.00	71.30 -2.36 0.00	22.72 -1.61 16.08	46.75 -1.91 0.00	41.91 -1.62 0.00	77.63 -3.19 12.25	104.47 -2.76 0.00	65.77 -1.64 0.00	83.09 -1.92 0.00
V_D_10_SYNC_DSASP 323841	61.25 -1.04 0.00	89.19 -1.54 0.00	96.01 -1.67 0.00	79.83 -1.56 0.00	76.14 -1.59 0.00	53.37 -1.31 0.00	44.46 -0.98 0.00	123.31 -2.09 0.00	67.78 -1.31 0.00	43.69 -1.09 0.00	34.52 -0.96 0.00	37.15 -0.91 0.00	29.77 -0.83 0.00	66.32 -1.50 0.00	69.75 -1.52 0.00	74.69 -1.64 0.00	72.12 -1.53 0.00	23.17 -1.29 15.96	47.11 -1.55 0.00	42.21 -1.33 0.00	91.36 -1.70 0.00	106.13 -1.10 0.00	66.35 -1.06 0.00	83.71 -1.30 0.00
V_E_10_SYNC_DSASP 323830	64.74 2.45 0.00	94.52 3.26 -0.52	101.21 3.53 0.00	84.61 3.22 0.00	81.25 3.12 -0.40	66.28 2.57 -9.04	64.03 2.72 -15.86	136.37 9.12 -1.85	81.75 4.43 -8.23	58.68 2.77 -11.14	50.62 1.96 -13.19	47.88 1.87 -7.96	42.92 1.55 -10.76	74.27 3.52 -2.93	77.76 3.97 -2.52	84.40 4.71 -3.37	85.77 5.38 -6.73	62.22 2.89 -18.91	66.42 3.40 -14.37	60.07 3.06 -13.47	105.80 6.25 -6.48	114.59 5.57 -1.80	70.93 2.95 -0.57	89.04 4.03 0.00
V_F_30_NSYNC___DSASP 323816	65.83 3.54 0.00	98.12 5.25 -2.14	103.25 5.57 0.00	86.13 4.74 0.00	84.17 4.79 -1.65	91.49 3.54 -33.28	101.49 3.06 -52.98	132.22 7.77 0.94	69.24 4.35 4.21	48.13 2.84 -0.51	50.61 2.19 -12.95	36.52 2.23 3.77	56.20 1.89 -23.71	70.96 4.01 0.87	75.04 4.41 0.63	88.33 5.26 -6.73	76.18 5.05 2.53	33.60 2.86 9.67	44.79 3.49 7.34	39.62 2.97 6.89	95.71 5.96 3.31	113.02 6.71 0.92	72.20 4.29 -0.50	90.23 5.22 0.00

V_F_30_SYNC_DSASP 323786	65.31 3.03 0.00	97.27 4.45 -2.09	102.39 4.71 0.00	85.26 3.87 0.00	82.88 3.53 -1.61	89.59 2.54 -32.38	98.80 2.14 -51.21	129.15 5.15 1.40	65.89 3.03 6.24	44.87 2.12 2.02	47.59 1.73 -10.38	34.09 1.80 5.77	54.04 1.51 -21.94	69.25 3.10 1.66	72.95 3.01 1.33	85.63 3.25 -6.06	72.37 3.01 4.30	27.82 1.75 14.34	39.87 2.12 10.90	35.12 1.80 10.22	91.68 3.53 4.92	110.12 4.25 1.36	70.93 3.13 -0.39	88.95 3.94 0.00
V_XM_10_SYNC_DSASP 323789	60.64 -1.65 0.00	88.58 -2.15 0.00	95.22 -2.46 0.00	79.08 -2.31 0.00	75.29 -2.44 0.00	52.54 -2.13 0.00	-10.96 -1.74 54.67	-1.92 -4.25 123.07	52.83 -2.37 13.90	43.14 -1.64 0.00	34.10 -1.37 0.00	36.61 -1.45 0.00	29.37 -1.23 0.00	16.30 -2.59 48.93	68.82 -2.44 0.00	74.12 -2.21 0.00	71.30 -2.36 0.00	22.72 -1.61 16.08	46.75 -1.91 0.00	41.91 -1.62 0.00	77.63 -3.19 12.25	104.47 -2.76 0.00	65.77 -1.64 0.00	83.09 -1.92 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	66.40 4.99 0.87	99.54 7.28 -1.53	105.45 7.77 0.00	88.03 6.64 0.00	85.40 6.50 -1.18	92.14 4.73 -32.74	116.38 4.08 -66.85	156.66 10.80 -20.45	166.17 6.07 -91.01	161.03 4.03 -112.22	149.89 3.06 -111.36	129.41 3.24 -88.11	101.48 2.59 -68.29	105.46 5.67 -31.97	104.50 5.86 -27.37	105.83 6.35 -23.15	153.70 6.10 -73.95	253.88 3.43 -210.03	212.32 4.12 -159.54	196.80 3.67 -149.59	172.80 7.74 -71.99	136.05 8.86 -19.96	77.98 5.67 -4.90	92.03 7.01 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	68.67 5.81 -0.57	100.74 8.42 -1.58	106.80 9.12 0.00	89.10 7.72 0.00	86.51 7.56 -1.22	94.30 5.44 -34.19	120.25 4.52 -70.28	159.33 12.10 -21.84	173.08 6.82 -97.16	169.03 4.55 -119.70	157.23 3.61 -118.15	139.08 3.91 -97.11	117.39 3.16 -83.63	116.01 6.95 -41.25	115.16 7.21 -36.68	119.62 7.72 -35.57	170.24 7.37 -89.21	267.88 4.06 -223.41	223.26 4.90 -169.71	207.02 4.36 -159.12	178.87 9.22 -76.58	138.96 10.50 -21.24	79.31 6.70 -5.20	93.42 8.41 0.00
W50THST__13_KV_LOAD 356117	69.09 6.23 -0.57	101.31 8.99 -1.58	107.47 9.79 0.00	89.56 8.17 0.00	86.94 7.99 -1.22	94.63 5.76 -34.19	120.52 4.79 -70.28	160.11 12.87 -21.84	173.55 7.29 -97.16	169.35 4.88 -119.70	157.49 3.87 -118.15	139.38 4.21 -97.11	117.65 3.42 -83.63	116.56 7.50 -41.25	115.73 7.78 -36.68	120.26 8.36 -35.57	170.88 8.01 -89.21	268.21 4.38 -223.41	223.64 5.27 -169.71	207.33 4.67 -159.12	179.52 9.87 -76.58	139.68 11.21 -21.24	79.73 7.12 -5.20	93.95 8.94 0.00
WADING RIVER_IC_1 23522	114.31 7.63 -44.40	195.10 9.94 -94.43	121.31 12.19 -11.43	91.36 9.97 0.00	88.88 9.93 -1.22	96.17 7.28 -34.21	137.75 5.69 -86.61	167.43 14.70 -27.33	173.84 7.52 -97.22	169.27 4.73 -119.77	160.78 3.61 -121.69	139.27 4.05 -97.17	117.22 2.93 -83.69	120.54 7.59 -45.13	114.93 6.95 -36.71	174.93 8.32 -90.28	191.73 7.91 -110.16	267.43 3.49 -223.53	223.37 4.92 -169.81	207.32 4.57 -159.21	179.52 9.83 -76.62	139.93 11.45 -21.25	80.57 7.96 -5.20	102.70 10.97 -6.72
WADING RIVER_IC_2 23547	114.31 7.63 -44.40	195.10 9.94 -94.43	121.31 12.19 -11.43	91.36 9.97 0.00	88.88 9.93 -1.22	96.17 7.28 -34.21	137.75 5.69 -86.61	167.43 14.70 -27.33	173.84 7.52 -97.22	169.27 4.73 -119.77	160.78 3.61 -121.69	139.27 4.05 -97.17	117.22 2.93 -83.69	120.54 7.59 -45.13	114.93 6.95 -36.71	174.93 8.32 -90.28	191.73 7.91 -110.16	267.43 3.49 -223.53	223.37 4.92 -169.81	207.32 4.57 -159.21	179.52 9.83 -76.62	139.93 11.45 -21.25	80.57 7.96 -5.20	102.70 10.97 -6.72
WADING RIVER_IC_3 23601	114.31 7.63 -44.40	195.10 9.94 -94.43	121.31 12.19 -11.43	91.36 9.97 0.00	88.88 9.93 -1.22	96.17 7.28 -34.21	137.75 5.69 -86.61	167.43 14.70 -27.33	173.84 7.52 -97.22	169.27 4.73 -119.77	160.78 3.61 -121.69	139.27 4.05 -97.17	117.22 2.93 -83.69	120.54 7.59 -45.13	114.93 6.95 -36.71	174.93 8.32 -90.28	191.73 7.91 -110.16	267.43 3.49 -223.53	223.37 4.92 -169.81	207.32 4.57 -159.21	179.52 9.83 -76.62	139.93 11.45 -21.25	80.57 7.96 -5.20	102.70 10.97 -6.72
WALDENNY_12_KV_BK2 80841	58.41 -3.88 0.00	84.43 -6.58 -0.28	89.93 -7.75 0.00	75.16 -6.23 0.00	72.38 -5.57 -0.22	55.49 -4.01 -4.83	50.12 -3.79 -8.45	117.10 -9.26 -0.97	67.78 -5.60 -4.29	44.49 -3.56 -3.27	34.77 -3.10 -2.40	34.85 -3.14 0.08	26.88 -2.48 1.24	54.79 -5.34 7.69	55.42 -5.79 10.05	64.65 -6.23 5.45	67.05 -5.29 1.32	37.54 -3.02 -0.14	38.49 -3.39 6.78	31.83 -3.00 8.70	83.37 -6.86 2.84	98.77 -9.31 -0.86	62.38 -5.33 -0.30	79.37 -5.64 0.00
WALDEN__HYDRO 24148	67.52 5.43 0.20	100.19 7.93 -1.53	106.12 8.44 0.00	88.58 7.19 0.00	85.94 7.03 -1.18	92.22 5.09 -32.45	115.72 4.27 -66.00	156.52 11.39 -19.73	163.19 6.33 -87.77	157.30 4.14 -108.38	146.27 3.25 -107.55	127.23 3.43 -85.75	103.21 2.72 -69.90	106.67 5.90 -32.95	106.11 6.21 -28.63	109.07 6.88 -25.86	154.74 6.77 -74.31	246.08 3.84 -201.82	206.61 4.65 -153.31	191.42 4.13 -143.74	170.87 8.63 -69.17	136.21 9.80 -19.18	78.34 6.20 -4.73	92.70 7.69 0.00
WARRENSBURG____ 23737	65.14 2.86 0.00	97.21 4.34 -2.14	102.38 4.70 0.00	85.44 4.05 0.00	83.62 4.24 -1.65	91.23 3.23 -33.33	101.28 2.84 -52.99	131.47 7.11 1.05	68.46 4.03 4.67	47.42 2.66 0.02	49.98 2.01 -12.50	35.81 1.99 4.23	55.76 1.69 -23.47	70.27 3.52 1.07	74.50 4.04 0.81	87.86 4.93 -6.60	75.49 4.79 2.95	32.36 2.68 10.73	43.78 3.28 8.15	38.70 2.81 7.64	94.77 5.38 3.68	112.17 5.96 1.02	71.64 3.75 -0.48	89.33 4.32 0.00
WATERSIDE____6 8 9 23538	65.37 6.21 3.12	90.92 9.01 8.82	98.39 9.40 8.69	77.04 7.92 12.27	73.86 7.73 11.59	82.80 5.54 -22.59	113.24 4.65 -63.14	159.14 12.33 -21.41	173.18 6.91 -97.18	169.03 4.60 -119.65	157.32 3.66 -118.19	139.19 3.99 -97.14	117.48 3.22 -83.66	115.94 7.08 -41.04	113.44 7.33 -34.85	117.99 7.82 -33.85	169.52 7.42 -88.44	267.98 4.08 -223.48	223.34 4.93 -169.76	206.10 4.42 -158.14	177.62 9.35 -75.21	131.67 10.82 -13.63	71.11 6.89 3.18	92.87 8.67 0.81
WATKINRD_115KV_LN8_ILLION 55919	63.52 1.24 0.00	92.55 1.82 0.00	99.66 1.98 0.00	83.07 1.68 0.00	79.43 1.70 0.00	56.04 1.37 0.00	46.61 1.16 0.00	128.09 2.69 0.00	70.62 1.52 0.00	45.80 1.02 0.00	36.22 0.74 0.00	38.74 0.69 0.00	31.21 0.61 0.00	69.01 1.19 0.00	72.54 1.27 0.00	77.99 1.67 0.00	75.41 1.76 0.00	43.03 1.06 -1.56	49.96 1.31 0.00	44.67 1.14 0.00	95.27 2.20 0.00	109.67 2.44 0.00	69.06 1.65 0.00	86.88 1.87 0.00
WATSON__69_KV_BK 1 55734	115.25 8.56 -44.40	196.07 11.58 -93.76	122.37 13.45 -11.24	92.39 11.00 0.00	89.77 10.82 -1.22	96.80 7.91 -34.21	138.53 6.47 -86.61	169.77 17.03 -27.33	175.28 8.96 -97.22	170.22 5.68 -119.77	161.89 4.73 -121.69	140.39 5.16 -97.17	118.26 3.97 -83.69	122.06 9.11 -45.13	117.11 9.13 -36.71	176.99 10.38 -90.28	193.87 10.05 -110.16	268.82 4.87 -223.53	224.79 6.33 -169.80	208.59 5.84 -159.21	182.07 12.38 -76.62	142.77 14.29 -21.25	82.10 9.48 -5.20	103.82 12.09 -6.72
WDELAWARE__HYD 323627	66.93 4.81 0.17	99.14 6.97 -1.45	105.11 7.43 0.00	87.74 6.35 0.00	85.09 6.24 -1.12	88.94 4.61 -29.66	108.53 3.97 -59.11	152.42 10.74 -16.28	147.57 6.05 -72.43	139.50 4.81 -89.91	128.78 3.71 -89.60	110.16 3.76 -68.35	92.46 2.60 -59.26	99.75 4.89 -27.04	100.01 5.28 -23.47	104.17 6.17 -21.67	141.03 6.28 -61.10	210.57 3.62 -166.53	179.51 4.35 -126.50	165.98 3.83 -118.61	158.23 8.08 -57.08	132.07 9.01 -15.83	76.95 5.58 -3.96	91.85 6.84 0.00

WEST BABYLON___IC 23714	115.00 8.31 -44.40	194.57 11.45 -92.39	121.55 13.01 -10.85	92.03 10.64 0.00	89.45 10.50 -1.22	96.53 7.65 -34.21	138.36 6.29 -86.61	169.43 16.69 -27.33	175.16 8.85 -97.22	170.16 5.62 -119.77	161.85 4.69 -121.69	140.30 5.08 -97.17	118.21 3.92 -83.69	121.89 8.94 -45.13	117.01 9.04 -36.71	176.79 10.18 -90.28	193.66 9.84 -110.16	268.82 4.87 -223.53	224.70 6.24 -169.80	208.47 5.72 -159.21	181.81 12.12 -76.62	142.53 14.05 -21.25	81.88 9.27 -5.20	103.47 11.74 -6.72
WEST CANADA___HYD 24049	62.77 0.48 0.00	91.45 0.72 0.00	98.46 0.78 0.00	82.04 0.65 0.00	78.42 0.70 0.00	55.22 0.55 0.00	45.86 0.41 0.00	126.39 0.99 0.00	69.68 0.59 0.00	45.19 0.41 0.00	35.82 0.34 0.00	38.39 0.33 0.00	30.88 0.28 0.00	68.36 0.54 0.00	71.83 0.56 0.00	76.96 0.63 0.00	74.27 0.61 0.00	42.33 0.36 -1.56	49.10 0.44 0.00	43.92 0.38 0.00	93.81 0.74 0.00	108.09 0.86 0.00	68.07 0.66 0.00	85.78 0.77 0.00
WESTERN_NY_WIND 24143	59.54 -2.75 0.00	86.23 -4.75 -0.24	91.91 -5.77 0.00	76.77 -4.62 0.00	74.02 -3.89 -0.19	56.18 -2.67 -4.18	50.25 -2.51 -7.31	120.62 -5.61 -0.83	69.22 -3.56 -3.69	46.07 -2.32 -3.62	36.85 -2.13 -3.51	37.09 -2.23 -1.26	29.79 -1.94 -1.13	59.89 -4.20 3.72	61.60 -4.58 5.08	69.23 -4.69 2.41	70.57 -3.46 -0.38	41.78 -1.80 -3.17	45.47 -1.84 1.34	39.36 -1.64 2.54	88.36 -4.22 0.49	101.46 -6.52 -0.76	63.98 -3.69 -0.26	81.20 -3.81 0.00
WESTOVER___LESR 323668	62.42 0.14 0.00	91.21 -0.07 -0.54	97.70 0.02 0.00	81.65 0.26 0.00	78.25 0.11 -0.42	64.14 0.10 -9.37	61.93 0.05 -16.43	127.98 0.67 -1.91	77.85 0.26 -8.50	56.97 0.34 -11.86	49.87 0.13 -14.26	46.87 0.03 -8.79	42.75 0.08 -12.07	72.20 0.11 -4.27	75.63 0.22 -4.14	80.87 0.08 -4.45	81.65 0.40 -7.60	61.46 0.19 -20.86	65.67 0.24 -16.79	59.87 0.27 -16.06	101.12 0.51 -7.54	109.11 0.02 -1.87	68.10 0.10 -0.59	85.50 0.49 0.00
WETHRSFD_WT_PWR 323626	58.04 -4.24 0.00	83.91 -7.14 -0.32	89.43 -8.25 0.00	74.67 -6.72 0.00	71.66 -6.32 -0.25	55.57 -4.58 -5.48	51.02 -4.03 -9.59	116.34 -10.16 -1.10	67.97 -6.02 -4.89	38.51 -3.96 2.31	24.15 -3.36 7.96	24.42 -3.60 10.03	9.98 -2.84 17.77	31.04 -6.31 30.47	26.28 -6.76 38.22	45.48 -7.63 23.22	54.51 -6.29 12.85	14.28 -3.41 22.72	3.39 -3.90 41.36	-6.87 -3.37 47.03	67.24 -7.94 17.88	97.83 -10.18 -0.78	61.74 -6.01 -0.34	78.24 -6.77 0.00
WHAVSTOR_138KV_BK127 55557	66.12 4.72 0.88	99.18 6.92 -1.53	105.05 7.37 0.00	87.69 6.30 0.00	85.07 6.16 -1.18	91.93 4.47 -32.79	116.26 3.67 -67.14	155.59 9.62 -20.57	166.02 5.40 -91.53	161.23 3.60 -112.85	149.94 2.87 -111.60	129.41 3.06 -88.30	101.49 2.45 -68.44	105.21 5.34 -32.05	104.23 5.52 -27.45	105.52 5.97 -23.22	153.49 5.71 -74.13	254.09 3.22 -210.45	212.39 3.87 -159.87	196.88 3.44 -149.90	172.44 7.23 -72.14	135.56 8.33 -20.00	77.67 5.35 -4.91	91.64 6.63 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	66.12 4.72 0.88	99.18 6.92 -1.53	105.05 7.37 0.00	87.69 6.30 0.00	85.07 6.16 -1.18	91.93 4.47 -32.79	116.26 3.67 -67.14	155.59 9.62 -20.57	166.02 5.40 -91.53	161.23 3.60 -112.85	149.94 2.87 -111.60	129.41 3.06 -88.30	101.49 2.45 -68.44	105.21 5.34 -32.05	104.23 5.52 -27.45	105.52 5.97 -23.22	153.49 5.71 -74.13	254.09 3.22 -210.45	212.39 3.87 -159.87	196.88 3.44 -149.90	172.44 7.23 -72.14	135.56 8.33 -20.00	77.67 5.35 -4.91	91.64 6.63 0.00
WHITEHAL_115KV_TB1 80871	66.29 4.00 0.00	99.47 6.60 -2.14	104.82 7.14 0.00	87.65 6.26 0.00	86.24 6.86 -1.65	93.20 5.23 -33.31	102.77 4.33 -52.99	134.92 10.52 1.00	70.61 5.99 4.48	49.20 4.23 -0.20	51.49 3.33 -12.69	37.11 3.09 4.04	56.77 2.60 -23.57	72.39 5.55 0.99	77.07 6.54 0.74	90.84 7.85 -6.66	78.20 7.32 2.78	33.86 3.73 10.29	45.57 4.74 7.82	40.35 4.14 7.33	96.94 7.40 3.53	114.65 8.40 0.98	73.44 5.54 -0.49	90.96 5.95 0.00
WHITEPLN_13_KV_LOAD 356215	69.06 6.17 -0.61	101.26 8.95 -1.58	107.19 9.50 0.00	89.43 8.04 0.00	86.80 7.85 -1.22	94.48 5.69 -34.12	120.34 4.78 -70.12	159.99 12.82 -21.77	173.14 7.17 -96.87	168.86 4.74 -119.35	157.06 3.77 -117.81	138.88 4.04 -96.79	117.15 3.25 -83.30	115.99 7.11 -41.06	115.16 7.39 -36.50	119.68 7.98 -35.37	170.22 7.71 -88.84	267.45 4.30 -222.74	223.05 5.20 -169.20	206.78 4.60 -158.65	179.08 9.67 -76.35	139.41 11.01 -21.17	79.56 6.97 -5.18	93.69 8.68 0.00
WM_FLOYD_69_KV_BK2 356380	114.54 7.85 -44.40	195.40 10.28 -94.39	121.58 12.48 -11.42	91.58 10.19 0.00	89.04 10.09 -1.22	96.29 7.40 -34.21	137.98 5.92 -86.61	168.09 15.35 -27.33	174.24 7.93 -97.22	169.54 5.00 -119.77	161.20 4.04 -121.69	139.76 4.54 -97.17	117.66 3.37 -83.69	121.01 8.06 -45.13	115.69 7.72 -36.71	175.65 9.03 -90.28	192.61 8.79 -110.16	268.04 4.09 -223.53	223.94 5.48 -169.80	207.80 5.05 -159.21	180.36 10.68 -76.62	140.87 12.40 -21.25	81.04 8.44 -5.20	102.92 11.19 -6.72
WOODARD___115KV_TB2 355635	61.28 -1.01 0.00	89.30 -1.59 -0.16	95.93 -1.75 0.00	80.01 -1.38 0.00	76.63 -1.22 -0.12	56.69 -0.76 -2.78	49.73 -0.57 -4.85	124.53 -1.41 -0.54	70.70 -0.79 -2.40	47.60 -0.45 -3.27	39.03 -0.36 -3.92	39.99 -0.43 -2.37	33.67 -0.33 -3.41	67.95 -0.82 -0.95	71.22 -0.88 -0.84	76.56 -0.94 -1.17	75.07 -0.70 -2.11	45.61 -0.31 -5.51	52.41 -0.42 -4.19	47.08 -0.38 -3.92	93.91 -1.05 -1.89	106.10 -1.65 -0.52	66.56 -1.02 -0.17	83.80 -1.21 0.00
YORK___WARBASSE 23770	87.57 6.60 -18.69	153.12 9.68 -52.71	150.45 10.11 -42.66	150.18 8.53 -60.26	150.19 8.31 -64.16	151.85 5.95 -91.23	155.89 4.97 -105.47	162.41 13.05 -23.97	173.56 7.19 -97.28	169.69 4.76 -120.15	157.45 3.79 -118.19	139.32 4.12 -97.14	117.61 3.35 -83.66	117.65 7.42 -42.41	124.81 7.75 -45.80	128.65 8.17 -44.15	174.63 7.79 -93.18	268.21 4.31 -223.48	223.60 5.19 -169.76	212.51 4.71 -164.27	186.52 10.02 -83.43	177.46 11.58 -58.65	121.17 7.37 -46.38	98.21 9.20 -4.00