

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

07/27/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	40.71	38.79	37.97	36.13	35.38	37.29	40.34	41.46	44.35	47.51	54.81	57.87	74.58	76.68	88.02	133.83	161.75	176.30	141.86	99.48	83.50	60.19	54.86	46.77
24138	2.93	2.41	2.15	2.05	1.97	2.20	2.82	3.28	3.27	3.60	4.08	3.98	4.27	4.60	5.40	7.29	9.98	12.22	10.42	8.13	6.22	4.57	4.04	3.58
	-3.71	-5.54	-9.26	-8.70	-8.79	-6.85	-3.49	-2.95	-5.50	-7.17	-7.84	-11.09	-23.90	-25.61	-35.24	-68.65	-72.58	-66.27	-47.37	-13.89	-8.97	-3.72	-4.32	0.00
74TH STREET_GT_1	40.77	38.85	38.00	36.15	35.40	37.29	40.31	41.43	44.32	47.47	54.72	57.70	74.31	76.49	87.97	133.69	161.49	175.99	141.59	99.41	83.50	60.19	54.77	46.77
24260	3.00	2.47	2.18	2.08	1.99	2.20	2.79	3.24	3.24	3.56	3.99	3.81	3.99	4.41	5.35	7.18	9.74	11.93	10.17	8.06	6.22	4.57	3.95	3.58
	-3.71	-5.54	-9.27	-8.70	-8.79	-6.85	-3.49	-2.95	-5.50	-7.17	-7.84	-11.09	-23.90	-25.61	-35.23	-68.63	-72.56	-66.24	-47.35	-13.89	-8.97	-3.72	-4.32	0.00
74TH STREET_GT_2	40.77	38.85	38.00	36.15	35.40	37.29	40.31	41.43	44.32	47.47	54.72	57.70	74.31	76.49	87.97	133.69	161.49	175.99	141.59	99.41	83.50	60.19	54.77	46.77
24261	3.00	2.47	2.18	2.08	1.99	2.20	2.79	3.24	3.24	3.56	3.99	3.81	3.99	4.41	5.35	7.18	9.74	11.93	10.17	8.06	6.22	4.57	3.95	3.58
	-3.71	-5.54	-9.27	-8.70	-8.79	-6.85	-3.49	-2.95	-5.50	-7.17	-7.84	-11.09	-23.90	-25.61	-35.23	-68.63	-72.56	-66.24	-47.35	-13.89	-8.97	-3.72	-4.32	0.00
ADK HUDSON___FALLS	48.61	42.89	40.78	38.76	38.10	39.45	41.02	41.99	56.07	54.82	71.50	81.90	127.89	134.17	166.01	128.43	147.98	155.55	140.73	128.56	103.32	68.66	64.33	46.68
24011	2.69	2.44	1.89	1.80	1.77	2.09	2.59	2.82	2.92	3.12	3.56	3.68	4.13	3.81	3.55	4.11	5.86	7.04	6.73	6.74	6.35	4.88	4.05	3.50
	-11.86	-9.61	-12.34	-11.59	-11.71	-9.12	-4.40	-3.93	-17.57	-14.96	-25.05	-35.42	-77.34	-83.90	-115.07	-66.44	-62.93	-50.70	-49.94	-44.36	-28.65	-11.88	-13.79	0.00
ADK RESOURCE___RCVRY	48.89	43.09	40.92	38.90	38.23	39.66	41.26	42.24	56.42	55.16	71.94	82.42	128.60	134.78	166.54	128.88	148.57	156.17	141.42	129.35	104.11	69.22	64.71	47.03
23798	2.93	2.62	2.02	1.93	1.90	2.29	2.82	3.06	3.20	3.42	3.90	4.07	4.60	4.18	3.93	4.52	6.41	7.63	7.31	7.36	7.04	5.40	4.37	3.84
	-11.90	-9.63	-12.35	-11.60	-11.72	-9.13	-4.41	-3.94	-17.64	-15.00	-25.15	-35.55	-77.59	-84.13	-115.23	-66.48	-62.97	-50.72	-50.04	-44.52	-28.76	-11.92	-13.84	0.00
ADK S GLENS___FALLS	48.61	42.89	40.78	38.76	38.10	39.45	41.02	41.99	56.07	54.82	71.50	81.90	127.89	134.17	166.01	128.43	147.98	155.55	140.73	128.56	103.32	68.66	64.33	46.68
24028	2.69	2.44	1.89	1.80	1.77	2.09	2.59	2.82	2.92	3.12	3.56	3.68	4.13	3.81	3.55	4.11	5.86	7.04	6.73	6.74	6.35	4.88	4.05	3.50
	-11.86	-9.61	-12.34	-11.59	-11.71	-9.12	-4.40	-3.93	-17.57	-14.96	-25.05	-35.42	-77.34	-83.90	-115.07	-66.44	-62.93	-50.70	-49.94	-44.36	-28.65	-11.88	-13.79	0.00
ADK_NYS___DAM	45.97	41.62	40.19	38.21	37.54	38.93	40.67	41.47	52.17	52.02	66.13	74.36	112.92	119.50	150.25	127.25	147.27	155.69	135.93	118.80	96.03	65.12	60.73	46.12
23527	2.38	2.16	1.81	1.73	1.70	1.95	2.38	2.47	2.49	2.68	3.13	3.12	3.34	3.44	3.84	4.63	6.34	7.73	6.73	5.73	4.71	3.69	3.16	2.94
	-9.52	-8.62	-11.83	-11.11	-11.23	-8.75	-4.25	-3.77	-14.10	-12.59	-20.11	-28.44	-63.17	-69.60	-99.04	-64.74	-61.74	-50.15	-45.13	-35.61	-23.00	-9.53	-11.07	0.00
AIR_PRODUCTS___DRP	43.14	40.01	39.27	37.32	36.66	37.90	39.34	40.08	48.48	48.58	60.96	67.80	96.06	96.68	98.07	124.12	142.87	150.26	128.03	109.49	89.45	61.35	57.18	44.44
24190	1.09	1.02	0.82	0.79	0.76	0.88	1.05	1.06	1.07	1.07	1.20	1.16	1.21	1.30	1.52	1.85	2.53	3.03	2.61	2.17	1.84	1.45	1.40	1.25
	-7.98	-8.15	-11.89	-11.16	-11.28	-8.79	-4.26	-3.79	-11.83	-10.77	-16.87	-23.85	-48.44	-48.91	-49.17	-64.39	-61.15	-49.42	-41.35	-29.86	-19.29	-8.00	-9.28	0.00
AKWESSNE_115KV_BK	33.18	29.98	25.81	24.69	23.97	27.50	33.11	34.25	34.62	35.64	41.56	41.39	44.79	44.84	45.39	49.19	55.24	62.20	60.53	57.99	54.48	48.14	44.97	41.98
355683	-0.89	-0.86	-0.74	-0.69	-0.64	-0.73	-0.92	-0.99	-0.96	-1.10	-1.33	-1.41	-1.62	-1.63	-1.99	-2.89	-3.88	-4.60	-4.04	-3.33	-2.87	-2.23	-1.53	-1.21
	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	5.80	20.07	31.01	19.50	16.14	10.97	1.53	0.00	0.00
ALBANY___1	43.14	40.01	39.27	37.32	36.66	37.90	39.34	40.08	48.48	48.58	60.96	67.80	96.06	96.68	98.07	124.12	142.87	150.26	128.03	109.49	89.45	61.35	57.18	44.44
23571	1.09	1.02	0.82	0.79	0.76	0.88	1.05	1.06	1.07	1.07	1.20	1.16	1.21	1.30	1.52	1.85	2.53	3.03	2.61	2.17	1.84	1.45	1.40	1.25
	-7.98	-8.15	-11.89	-11.16	-11.28	-8.79	-4.26	-3.79	-11.83	-10.77	-16.87	-23.85	-48.44	-48.91	-49.17	-64.39	-61.15	-49.42	-41.35	-29.86	-19.29	-8.00	-9.28	0.00
ALBANY___2	43.14	40.01	39.27	37.32	36.66	37.90	39.34	40.08	48.48	48.58	60.96	67.80	96.06	96.68	98.07	124.12	142.87	150.26	128.03	109.49	89.45	61.35	57.18	44.44
23572	1.09	1.02	0.82	0.79	0.76	0.88	1.05	1.06	1.07	1.07	1.20	1.16	1.21	1.30	1.52	1.85	2.53	3.03	2.61	2.17	1.84	1.45	1.40	1.25
	-7.98	-8.15	-11.89	-11.16	-11.28	-8.79	-4.26	-3.79	-11.83	-10.77	-16.87	-23.85	-48.44	-48.91	-49.17	-64.39	-61.15	-49.42	-41.35	-29.86	-19.29	-8.00	-9.28	0.00
ALBANY___3	43.14	40.01	39.27	37.32	36.66	37.90	39.34	40.08	48.48	48.58	60.96	67.80	96.06	96.68	98.07	124.12	142.87	150.26	128.03	109.49	89.45	61.35	57.18	44.44
23573	1.09	1.02	0.82	0.79	0.76	0.88	1.05	1.06	1.07	1.07	1.20	1.16	1.21	1.30	1.52	1.85	2.53	3.03	2.61	2.17	1.84	1.45	1.40	1.25
	-7.98	-8.15	-11.89	-11.16	-11.28	-8.79	-4.26	-3.79	-11.83	-10.77	-16.87	-23.85	-48.44	-48.91	-49.17	-64.39	-61.15	-49.42	-41.35	-29.86	-19.29	-8.00	-9.28	0.00

ALBANY___4 23574	43.14 1.09 -7.98	40.01 1.02 -8.15	39.27 0.82 -11.89	37.32 0.79 -11.16	36.66 0.76 -11.28	37.90 0.88 -8.79	39.34 1.05 -4.26	40.08 1.06 -3.79	48.48 1.07 -11.83	48.58 1.07 -10.77	60.96 1.20 -16.87	67.80 1.16 -23.85	96.06 1.21 -48.44	96.68 1.30 -48.91	98.07 1.52 -49.17	124.12 1.85 -64.39	142.87 2.53 -61.15	150.26 3.03 -49.42	128.03 2.61 -41.35	109.49 2.17 -29.86	89.45 1.84 -19.29	61.35 1.45 -8.00	57.18 1.40 -9.28	44.44 1.25 0.00
ALBANY___LFGE 323615	44.70 1.50 -9.14	40.78 1.36 -8.58	39.69 1.12 -12.02	37.73 1.07 -11.29	37.06 1.03 -11.41	38.31 1.19 -8.89	39.79 1.46 -4.30	40.58 1.51 -3.83	50.65 1.53 -13.54	50.32 1.54 -12.03	64.04 1.84 -19.31	71.91 1.80 -27.31	107.36 1.95 -58.99	111.87 2.04 -63.36	132.66 2.23 -83.06	125.57 2.66 -65.03	144.63 3.72 -61.72	152.06 4.41 -49.85	131.81 3.79 -43.96	114.99 3.33 -34.20	93.27 2.87 -22.09	63.29 2.23 -9.16	59.13 2.00 -10.63	44.96 1.77 0.00
ALCOA_PA_115KV_PL-6C 55860	33.25 -0.82 0.00	30.04 -0.80 0.00	25.86 -0.69 0.00	24.71 -0.66 0.00	24.02 -0.59 0.00	27.56 -0.68 0.00	33.15 -0.88 0.00	34.32 -0.92 0.00	34.69 -0.89 0.00	35.71 -1.03 0.00	41.64 -1.24 0.00	41.47 -1.33 0.00	44.88 -1.53 0.00	44.98 -1.49 0.00	45.44 -1.94 0.00	48.00 -3.24 6.64	51.63 -4.59 22.96	56.88 -5.48 35.45	52.80 -4.62 26.65	51.77 -3.64 22.05	50.26 -3.07 14.98	47.59 -2.23 2.08	45.11 -1.40 0.00	42.11 -1.08 0.00
ALCOA_RYNLDS___DRP 24188	33.25 -0.82 0.00	30.04 -0.80 0.00	25.86 -0.69 0.00	24.71 -0.66 0.00	24.02 -0.59 0.00	27.56 -0.68 0.00	33.15 -0.88 0.00	34.32 -0.92 0.00	34.69 -0.89 0.00	35.71 -1.03 0.00	41.64 -1.24 0.00	41.47 -1.33 0.00	44.88 -1.53 0.00	44.98 -1.49 0.00	45.44 -1.94 0.00	48.00 -3.24 6.64	51.63 -4.59 22.96	56.88 -5.48 35.45	52.80 -4.62 26.65	51.77 -3.64 22.05	50.26 -3.07 14.98	47.59 -2.23 2.08	45.11 -1.40 0.00	42.11 -1.08 0.00
ALCOA___DSASP 323711	33.25 -0.82 0.00	30.04 -0.80 0.00	25.86 -0.69 0.00	24.71 -0.66 0.00	24.02 -0.59 0.00	27.56 -0.68 0.00	33.15 -0.89 0.00	34.32 -0.92 0.00	34.69 -0.89 0.00	35.71 -1.03 0.00	41.64 -1.25 0.00	41.47 -1.33 0.00	44.89 -1.53 0.00	45.02 -1.44 0.00	45.44 -1.94 0.00	48.00 -3.24 6.64	51.63 -4.59 22.96	56.79 -5.57 35.45	52.80 -4.62 26.65	51.77 -3.64 22.05	50.26 -3.07 14.98	47.59 -2.23 2.08	45.11 -1.39 0.00	42.11 -1.08 0.00
ALLEGHENY___COGEN 23514	36.41 1.74 -0.61	33.25 1.51 -0.90	29.27 1.22 -1.50	27.87 1.09 -1.41	27.05 1.01 -1.42	30.56 1.21 -1.11	35.90 1.36 -0.51	36.70 0.99 -0.48	37.08 0.60 -0.90	37.67 0.26 -0.67	43.36 -0.82 -1.28	43.85 -0.77 -1.82	49.79 -0.51 -3.89	50.05 -0.56 -4.14	50.25 -2.56 -5.43	63.88 -1.39 -7.39	84.10 -1.82 -6.73	99.64 -3.33 -5.16	85.50 -2.19 -3.61	78.89 -0.85 -2.27	70.94 1.16 -1.47	53.55 1.04 -0.61	49.39 2.19 -0.71	45.26 2.07 0.00
ALTAMONT_115KV_TB 2 55880	42.70 1.46 -7.17	40.08 1.36 -7.89	39.61 1.17 -11.89	37.63 1.09 -11.16	36.96 1.06 -11.28	38.24 1.21 -8.79	39.75 1.46 -4.25	40.54 1.52 -3.79	47.70 1.49 -10.62	48.14 1.54 -9.85	59.83 1.80 -15.14	65.93 1.71 -21.41	92.62 1.76 -44.44	94.22 1.86 -45.89	101.45 2.13 -51.94	124.87 2.60 -64.38	144.18 3.56 -61.43	152.02 4.40 -49.81	127.62 3.87 -39.68	107.53 3.25 -26.82	88.44 2.80 -17.32	61.31 2.23 -7.18	56.84 2.00 -8.33	45.00 1.81 0.00
ALTONA_WT_PWR 323606	33.04 -1.02 0.00	29.76 -1.08 0.00	25.57 -0.98 0.00	24.59 -0.79 0.00	23.78 -0.84 0.00	27.31 -0.93 0.00	32.77 -1.26 0.00	33.93 -1.30 0.00	34.37 -1.21 0.00	34.94 -1.80 0.00	40.10 -2.79 0.00	39.59 -3.21 0.00	42.61 -3.81 0.00	43.17 -3.30 0.00	43.68 -3.70 0.00	47.42 -4.75 5.72	53.66 -5.62 19.91	60.15 -6.65 31.00	59.67 -5.63 18.77	57.36 -4.57 15.53	53.87 -3.89 10.55	47.37 -3.06 1.47	44.13 -2.37 0.00	41.11 -2.07 0.00
AMERICAN_REF_FUEL 24010	33.85 -0.75 -0.54	30.94 -0.71 -0.81	27.24 -0.66 -1.35	25.96 -0.68 -1.27	25.18 -0.71 -1.28	28.30 -0.93 -1.00	33.40 -1.09 -0.46	34.33 -1.34 -0.43	35.06 -1.32 -0.80	35.83 -1.51 -0.59	42.35 -1.67 -1.13	42.95 -1.46 -1.60	48.46 -1.39 -3.44	48.92 -1.21 -3.66	51.42 -0.76 -4.80	64.37 -0.17 -6.67	84.71 -0.55 -6.07	100.89 -1.57 -4.65	86.55 -0.76 -3.24	78.70 -0.77 -2.01	69.89 0.27 -1.30	52.75 0.31 -0.54	46.29 -0.84 -0.62	42.89 -0.30 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	34.27 -0.41 -0.62	31.07 -0.68 -0.91	27.38 -0.69 -1.51	26.13 -0.66 -1.42	25.36 -0.69 -1.44	28.54 -0.82 -1.12	33.70 -0.85 -0.51	34.91 -0.81 -0.48	36.20 -0.29 -0.91	37.01 -0.40 -0.67	43.97 -0.21 -1.30	44.46 -0.17 -1.83	50.39 0.05 -3.92	51.25 0.60 -4.18	54.09 1.23 -5.48	67.31 1.97 -7.46	89.23 3.25 -6.80	106.53 3.52 -5.21	90.99 3.28 -3.65	83.55 3.79 -2.29	74.23 4.44 -1.48	56.09 3.58 -0.61	49.17 1.95 -0.71	45.26 2.07 0.00
ARTHUR_KILL_GT_1 23520	37.82 2.89 -0.86	37.77 2.28 -4.65	37.76 2.02 -9.19	36.14 2.05 -8.71	35.36 1.94 -8.80	37.09 2.01 -6.85	37.78 2.48 -1.27	38.27 2.99 -0.04	39.00 2.81 -0.61	38.97 3.05 0.82	39.50 3.35 6.73	40.35 3.21 5.66	48.77 3.39 1.03	46.27 3.76 3.96	61.71 4.88 -9.45	98.28 6.54 -33.86	104.53 8.95 -16.39	110.05 11.34 -0.90	98.85 9.33 -5.45	78.88 7.28 5.86	60.31 5.47 13.47	43.61 4.05 12.35	39.75 3.58 10.33	38.30 3.20 8.08
ARTHUR_KILL_2 23512	37.68 2.76 -0.86	37.68 2.19 -4.65	37.68 1.94 -9.19	36.06 1.98 -8.71	35.26 1.85 -8.80	36.98 1.89 -6.85	37.68 2.38 -1.27	38.13 2.85 -0.04	38.86 2.67 -0.61	38.82 2.90 0.82	39.33 3.17 6.73	40.18 3.04 5.66	48.58 3.20 1.03	46.04 3.53 3.96	61.47 4.65 -9.45	97.94 6.20 -33.86	104.06 8.48 -16.39	109.47 10.76 -0.90	98.34 8.82 -5.45	78.42 6.82 5.86	59.90 5.06 13.47	43.34 3.79 12.35	39.52 3.35 10.33	38.13 3.02 8.08
ARTHUR_KILL_3 23513	37.37 2.45 -0.85	37.46 1.98 -4.64	37.51 1.78 -9.18	35.80 1.73 -8.70	35.03 1.62 -8.79	36.87 1.78 -6.85	37.55 2.25 -1.27	37.96 2.68 -0.05	38.83 2.63 -0.62	38.83 2.90 0.82	39.42 3.26 6.72	40.27 3.12 5.65	48.69 3.30 1.02	46.14 3.63 3.95	61.34 4.50 -9.46	97.89 6.13 -33.88	103.99 8.39 -16.41	109.09 10.36 -0.92	98.27 8.74 -5.46	78.43 6.82 5.85	59.98 5.13 13.46	43.30 3.74 12.34	39.48 3.30 10.32	38.04 2.94 8.09
ARTHUR_KILL_COGEN 323718	37.82 2.89 -0.86	37.77 2.28 -4.65	37.76 2.02 -9.19	36.14 2.05 -8.71	35.36 1.94 -8.80	37.09 2.01 -6.85	37.78 2.48 -1.27	38.27 2.99 -0.04	39.00 2.81 -0.61	38.97 3.05 0.82	39.50 3.35 6.73	40.35 3.21 5.66	48.77 3.39 1.03	46.27 3.76 3.96	61.71 4.88 -9.45	98.28 6.54 -33.86	104.53 8.95 -16.39	110.05 11.34 -0.90	98.85 9.33 -5.45	78.88 7.28 5.86	60.31 5.47 13.47	43.61 4.05 12.35	39.75 3.58 10.33	38.30 3.20 8.08
ASHOKAN____ 23654	40.91 1.26 -5.58	38.67 1.11 -6.72	37.84 0.80 -10.49	35.96 0.74 -9.85	35.29 0.71 -9.96	36.87 0.88 -7.76	38.71 0.95 -3.72	39.49 0.91 -3.34	44.46 0.60 -8.27	46.50 2.17 -7.59	55.93 1.24 -11.80	60.72 1.24 -16.68	81.93 1.58 -33.94	82.38 1.58 -34.34	85.05 1.90 -35.77	115.42 4.63 -52.91	130.71 6.57 -44.95	138.67 8.31 -32.56	116.50 3.61 -28.82	101.84 3.49 -20.89	84.26 2.46 -13.49	59.57 2.08 -5.59	54.80 1.81 -6.49	45.30 2.12 0.00

ASTORIA_EAST_ENERGY_CC1 323581	40.61 2.83 -3.72	38.73 2.34 -5.55	37.86 2.04 -9.27	36.00 1.93 -8.70	35.18 1.77 -8.79	36.92 1.83 -6.85	39.82 2.32 -3.48	40.90 2.71 -2.95	43.64 2.56 -5.49	46.74 2.83 -7.17	53.94 3.22 -7.84	57.01 3.12 -11.08	73.61 3.30 -23.89	75.74 3.67 -25.61	87.20 4.59 -35.23	132.72 6.20 -68.64	160.30 8.55 -72.56	174.91 10.86 -66.24	140.26 8.82 -47.36	98.32 6.97 -13.88	82.47 5.19 -8.96	59.42 3.79 -3.73	54.18 3.35 -4.32	46.34 3.15 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	40.61 2.83 -3.72	38.73 2.34 -5.55	37.86 2.04 -9.27	36.00 1.93 -8.70	35.18 1.77 -8.79	36.92 1.83 -6.85	39.82 2.32 -3.48	40.90 2.71 -2.95	43.64 2.56 -5.49	46.74 2.83 -7.17	53.94 3.22 -7.84	57.01 3.12 -11.08	73.61 3.30 -23.89	75.74 3.67 -25.61	87.20 4.59 -35.23	132.72 6.20 -68.64	160.30 8.55 -72.56	174.91 10.86 -66.24	140.26 8.82 -47.36	98.32 6.97 -13.88	82.47 5.19 -8.96	59.42 3.79 -3.73	54.18 3.35 -4.32	46.34 3.15 -0.01
ASTORIA_GT2_1 24094	40.65 2.86 -3.72	38.76 2.37 -5.55	37.89 2.07 -9.27	36.03 1.95 -8.70	35.23 1.82 -8.79	36.95 1.86 -6.85	39.83 2.31 -3.49	40.90 2.71 -2.95	43.68 2.60 -5.50	46.85 2.94 -7.17	53.98 3.26 -7.84	57.05 3.17 -11.08	73.65 3.34 -23.89	75.79 3.72 -25.60	87.30 4.69 -35.23	132.77 6.25 -68.63	160.37 8.63 -72.55	174.80 10.76 -66.24	140.51 9.08 -47.36	98.39 7.05 -13.88	82.47 5.19 -8.96	59.57 3.94 -3.73	54.22 3.39 -4.32	46.39 3.20 -0.01
ASTORIA_GT2_2 24095	40.65 2.86 -3.72	38.76 2.37 -5.55	37.89 2.07 -9.27	36.03 1.95 -8.70	35.23 1.82 -8.79	36.95 1.86 -6.85	39.83 2.31 -3.49	40.90 2.71 -2.95	43.68 2.60 -5.50	46.85 2.94 -7.17	53.98 3.26 -7.84	57.05 3.17 -11.08	73.65 3.34 -23.89	75.79 3.72 -25.60	87.30 4.69 -35.23	132.77 6.25 -68.63	160.37 8.63 -72.55	174.80 10.76 -66.24	140.51 9.08 -47.36	98.39 7.05 -13.88	82.47 5.19 -8.96	59.57 3.94 -3.73	54.22 3.39 -4.32	46.39 3.20 -0.01
ASTORIA_GT2_3 24096	40.65 2.86 -3.72	38.76 2.37 -5.55	37.89 2.07 -9.27	36.03 1.95 -8.70	35.23 1.82 -8.79	36.95 1.86 -6.85	39.83 2.31 -3.49	40.90 2.71 -2.95	43.68 2.60 -5.50	46.85 2.94 -7.17	53.98 3.26 -7.84	57.05 3.17 -11.08	73.65 3.34 -23.89	75.79 3.72 -25.60	87.30 4.69 -35.23	132.77 6.25 -68.63	160.37 8.63 -72.55	174.80 10.76 -66.24	140.51 9.08 -47.36	98.39 7.05 -13.88	82.47 5.19 -8.96	59.57 3.94 -3.73	54.22 3.39 -4.32	46.39 3.20 -0.01
ASTORIA_GT2_4 24097	40.65 2.86 -3.72	38.76 2.37 -5.55	37.89 2.07 -9.27	36.03 1.95 -8.70	35.23 1.82 -8.79	36.95 1.86 -6.85	39.83 2.31 -3.49	40.90 2.71 -2.95	43.68 2.60 -5.50	46.85 2.94 -7.17	53.98 3.26 -7.84	57.05 3.17 -11.08	73.65 3.34 -23.89	75.79 3.72 -25.60	87.30 4.69 -35.23	132.77 6.25 -68.63	160.37 8.63 -72.55	174.80 10.76 -66.24	140.51 9.08 -47.36	98.39 7.05 -13.88	82.47 5.19 -8.96	59.57 3.94 -3.73	54.22 3.39 -4.32	46.39 3.20 -0.01
ASTORIA_GT3_1 24098	40.65 2.86 -3.72	38.76 2.37 -5.55	37.89 2.07 -9.27	36.03 1.95 -8.70	35.23 1.82 -8.79	36.95 1.86 -6.85	39.83 2.31 -3.49	40.90 2.71 -2.95	43.68 2.60 -5.50	46.85 2.94 -7.17	53.98 3.26 -7.84	57.05 3.17 -11.08	73.65 3.34 -23.89	75.79 3.72 -25.60	87.30 4.69 -35.23	132.77 6.25 -68.63	160.37 8.63 -72.55	174.80 10.76 -66.24	140.51 9.08 -47.36	98.39 7.05 -13.88	82.47 5.19 -8.96	59.57 3.94 -3.73	54.22 3.39 -4.32	

ASTORIA_GT_10 24110	40.57 2.79 -3.71	38.66 2.28 -5.54	37.84 2.02 -9.27	36.00 1.93 -8.70	35.23 1.82 -8.79	37.06 1.98 -6.85	40.04 2.52 -3.49	41.11 2.92 -2.95	43.89 2.81 -5.50	47.00 3.09 -7.17	53.98 3.26 -7.84	56.97 3.08 -11.08	64.87 3.25 -15.20	69.76 3.62 -19.67	77.79 4.55 -25.86	132.71 6.19 -68.63	160.21 8.47 -72.55	174.51 10.47 -66.24	115.25 8.83 -22.36	95.59 6.74 -11.39	76.76 5.06 -3.39	53.77 3.84 1.97	52.09 3.30 -2.29	46.30 3.11 0.00
ASTORIA_GT_11 24225	40.57 2.79 -3.71	38.66 2.28 -5.54	37.84 2.02 -9.27	36.00 1.93 -8.70	35.23 1.82 -8.79	37.06 1.98 -6.85	40.04 2.52 -3.49	41.11 2.92 -2.95	43.89 2.81 -5.50	47.00 3.09 -7.17	53.98 3.26 -7.84	56.97 3.08 -11.08	64.87 3.25 -15.20	69.76 3.62 -19.67	77.79 4.55 -25.86	132.71 6.19 -68.63	160.21 8.47 -72.55	174.51 10.47 -66.24	115.25 8.83 -22.36	95.59 6.74 -11.39	76.76 5.06 -3.39	53.77 3.84 1.97	52.09 3.30 -2.29	46.30 3.11 0.00
ASTORIA_GT_12 24226	40.57 2.79 -3.71	38.66 2.28 -5.54	37.84 2.02 -9.27	36.00 1.93 -8.70	35.23 1.82 -8.79	37.06 1.98 -6.85	40.04 2.52 -3.49	41.11 2.92 -2.95	43.89 2.81 -5.50	47.00 3.09 -7.17	53.98 3.26 -7.84	56.97 3.08 -11.08	64.87 3.25 -15.20	69.76 3.62 -19.67	77.79 4.55 -25.86	132.71 6.19 -68.63	160.21 8.47 -72.55	174.51 10.47 -66.24	115.25 8.83 -22.36	95.59 6.74 -11.39	76.76 5.06 -3.39	53.77 3.84 1.97	52.09 3.30 -2.29	46.30 3.11 0.00
ASTORIA_GT_13 24227	40.57 2.79 -3.71	38.66 2.28 -5.54	37.84 2.02 -9.27	36.00 1.93 -8.70	35.23 1.82 -8.79	37.06 1.98 -6.85	40.04 2.52 -3.49	41.11 2.92 -2.95	43.89 2.81 -5.50	47.00 3.09 -7.17	53.98 3.26 -7.84	56.97 3.08 -11.08	64.87 3.25 -15.20	69.76 3.62 -19.67	77.79 4.55 -25.86	132.71 6.19 -68.63	160.21 8.47 -72.55	174.51 10.47 -66.24	115.25 8.83 -22.36	95.59 6.74 -11.39	76.76 5.06 -3.39	53.77 3.84 1.97	52.09 3.30 -2.29	46.30 3.11 0.00
ASTORIA_GT_5 24106	40.71 2.93 -3.72	38.83 2.44 -5.55	37.94 2.13 -9.27	36.08 2.00 -8.70	35.25 1.85 -8.79	37.01 1.92 -6.85	39.93 2.42 -3.48	41.01 2.82 -2.95	43.77 2.70 -5.49	46.89 2.97 -7.17	54.11 3.39 -7.84	57.18 3.30 -11.08	73.79 3.48 -23.89	75.93 3.85 -25.61	87.39 4.78 -35.23	132.95 6.42 -68.64	160.62 8.87 -72.56	175.29 11.24 -66.24	140.60 9.16 -47.36	98.62 7.28 -13.88	82.75 5.47 -8.96	59.57 3.94 -3.73	54.36 3.53 -4.32	46.52 3.33 -0.01
ASTORIA_GT_7 24107	40.71 2.93 -3.72	38.83 2.44 -5.55	37.94 2.13 -9.27	36.08 2.00 -8.70	35.25 1.85 -8.79	37.01 1.92 -6.85	39.93 2.42 -3.48	41.01 2.82 -2.95	43.77 2.70 -5.49	46.89 2.97 -7.17	54.11 3.39 -7.84	57.18 3.30 -11.08	73.79 3.48 -23.89	75.93 3.85 -25.61	87.39 4.78 -35.23	132.95 6.42 -68.64	160.62 8.87 -72.56	175.29 11.24 -66.24	140.60 9.16 -47.36	98.62 7.28 -13.88	82.75 5.47 -8.96	59.57 3.94 -3.73	54.36 3.53 -4.32	46.52 3.33 -0.01
ASTORIA_GT_8 24108	40.71 2.93 -3.72	38.83 2.44 -5.55	37.94 2.12 -9.27	36.08 2.00 -8.70	35.28 1.87 -8.79	37.03 1.95 -6.85	39.93 2.42 -3.49	41.01 2.82 -2.95	43.78 2.70 -5.50	46.92 3.01 -7.17	54.11 3.39 -7.84	57.18 3.30 -11.08	73.79 3.48 -23.89	75.93 3.86 -25.60	87.44 4.83 -35.23	132.94 6.42 -68.63	160.69 8.95 -72.55	175.10 11.05 -66.24	140.76 9.33 -47.36	98.62 7.28 -13.88	82.67 5.40 -8.96	59.73 4.10 -3.73	54.31 3.49 -4.32	46.52 3.33 -0.01
ASTORIA___2 24149	40.65 2.86 -3.72	38.76 2.37 -5.55	37.89 2.07 -9.27	36.03 1.95 -8.70	35.20 1.80 -8.79	36.95 1.86 -6.85	39.82 2.32 -3.48	40.90 2.71 -2.95	43.67 2.60 -5.49	46.78 2.87 -7.17	53.98 3.26 -7.84	57.05 3.17 -11.08	73.65 3.34 -23.89	75.79 3.72 -25.61	87.26 4.65 -35.23	132.78 6.25 -68.64	160.30 8.55 -72.56	174.91 10.86 -66.24	140.34 8.91 -47.36	98.39 7.05 -13.88	82.47 5.19 -8.96	59.47 3.84 -3.73	54.22 3.39 -4.32	46.39 3.20 -0.01
ASTORIA___3 23516	40.57 2.79 -3.71	38.66 2.28 -5.54	37.84 2.02 -9.27	36.00 1.93 -8.70	35.23 1.82 -8.79	37.03 1.95 -6.85	40.00 2.48 -3.49	41.11 2.92 -2.95	43.89 2.81 -5.50	46.92 3.01 -7.17	53.98 3.26 -7.84	56.97 3.08 -11.08	64.87 3.25 -15.20	69.76 3.63 -19.67	77.83 4.59 -25.86	132.72 6.20 -68.64	160.14 8.39 -72.56	174.62 10.57 -66.24	115.09 8.66 -22.36	95.59 6.74 -11.39	76.76 5.06 -3.39	53.62 3.69 1.97	52.09 3.30 -2.29	46.30 3.11 0.00
ASTORIA___4 23517	40.57 2.79 -3.71	38.66 2.28 -5.54	37.84 2.02 -9.27	36.00 1.93 -8.70	35.23 1.82 -8.79	37.06 1.98 -6.85	40.04 2.52 -3.49	41.11 2.92 -2.95	43.89 2.81 -5.50	47.00 3.09 -7.17	53.98 3.26 -7.84	56.97 3.08 -11.08	64.87 3.25 -15.20	69.76 3.62 -19.67	77.79 4.55 -25.86	132.71 6.19 -68.63	160.21 8.47 -72.55	174.51 10.47 -66.24	115.25 8.83 -22.36	95.59 6.74 -11.39	76.69 4.99 -3.39	53.77 3.84 1.97	52.09 3.30 -2.29	46.30 3.11 0.00
ASTORIA___5 23518	40.57 2.79 -3.71	38.66 2.28 -5.54	37.84 2.02 -9.27	36.00 1.93 -8.70	35.23 1.82 -8.79	37.03 1.95 -6.85	40.00 2.48 -3.49	41.11 2.92 -2.95	43.89 2.81 -5.50	46.92 3.01 -7.17	53.98 3.26 -7.84	56.97 3.08 -11.08	64.87 3.25 -15.20	69.76 3.63 -19.67	77.83 4.59 -25.86	132.72 6.20 -68.64	160.14 8.39 -72.56	174.62 10.57 -66.24	115.09 8.66 -22.36	95.59 6.74 -11.39	76.76 5.06 -3.39	53.62 3.69 1.97	52.09 3.30 -2.29	46.30 3.11 0.00
AST_ENERGY_2_CC3 323677	40.40 2.62 -3.71	38.54 2.16 -5.54	37.73 1.91 -9.27	35.90 1.83 -8.70	35.15 1.75 -8.79	37.01 1.92 -6.85	39.93 2.42 -3.49	41.04 2.85 -2.95	43.93 2.85 -5.50	47.00 3.09 -7.17	54.20 3.47 -7.84	57.19 3.30 -11.09	73.80 3.48 -23.90	75.93 3.85 -25.61	87.40 4.78 -35.24	133.01 6.48 -68.65	160.55 8.79 -72.58	174.92 10.86 -66.26	140.51 9.08 -47.36	98.47 7.12 -13.89	82.68 5.40 -8.97	59.56 3.94 -3.72	54.31 3.49 -4.32	46.30 3.11 0.00
AST_ENERGY_2_CC4 323678	40.40 2.62 -3.71	38.54 2.16 -5.54	37.73 1.91 -9.27	35.90 1.83 -8.70	35.15 1.75 -8.79	37.01 1.92 -6.85	39.93 2.42 -3.49	41.04 2.85 -2.95	43.93 2.85 -5.50	47.00 3.09 -7.17	54.20 3.47 -7.84	57.19 3.30 -11.09	73.80 3.48 -23.90	75.93 3.85 -25.61	87.40 4.78 -35.24	133.01 6.48 -68.65	160.55 8.79 -72.58	174.92 10.86 -66.26	140.51 9.08 -47.36	98.47 7.12 -13.89	82.68 5.40 -8.97	59.56 3.94 -3.72	54.31 3.49 -4.32	46.30 3.11 0.00
ATHENS_STG_1 23668	39.64 1.64 -3.94	38.50 1.48 -6.17	38.31 1.30 -10.46	36.44 1.24 -9.82	35.72 1.18 -9.93	37.33 1.36 -7.73	39.50 1.63 -3.83	40.29 1.73 -3.33	43.13 1.71 -5.84	45.48 1.84 -6.90	53.36 2.14 -8.33	56.63 2.05 -11.77	73.77 2.14 -25.21	75.56 2.23 -26.86	85.29 2.70 -35.21	119.61 3.41 -58.31	139.90 4.67 -56.04	149.52 5.77 -45.94	120.75 4.96 -31.72	96.23 4.03 -14.74	81.12 3.28 -9.52	58.44 2.59 -3.95	53.31 2.23 -4.58	45.17 1.99 0.00
ATHENS_STG_2 23670	39.64 1.64 -3.94	38.50 1.48 -6.17	38.31 1.30 -10.46	36.44 1.24 -9.82	35.72 1.18 -9.93	37.33 1.36 -7.73	39.50 1.63 -3.83	40.29 1.73 -3.33	43.13 1.71 -5.84	45.48 1.84 -6.90	53.36 2.14 -8.33	56.63 2.05 -11.77	73.77 2.14 -25.21	75.56 2.23 -26.86	85.29 2.70 -35.21	119.61 3.41 -58.31	139.90 4.67 -56.04	149.52 5.77 -45.94	120.75 4.96 -31.72	96.23 4.03 -14.74	81.12 3.28 -9.52	58.44 2.59 -3.95	53.31 2.23 -4.58	45.17 1.99 0.00

ATHENS_STG_3 23677	39.64 1.64 -3.94	38.50 1.48 -6.17	38.31 1.30 -10.46	36.44 1.24 -9.82	35.72 1.18 -9.93	37.33 1.36 -7.73	39.50 1.63 -3.83	40.29 1.73 -3.33	43.13 1.71 -5.84	45.48 1.84 -6.90	53.36 2.14 -8.33	56.63 2.05 -11.77	73.77 2.14 -25.21	75.56 2.23 -26.86	85.29 2.70 -35.21	119.61 3.41 -58.31	139.90 4.67 -56.04	149.52 5.77 -45.94	120.75 4.96 -31.72	96.23 4.03 -14.74	81.12 3.28 -9.52	58.44 2.59 -3.95	53.31 2.23 -4.58	45.17 1.99 0.00
AUBURN____LFGE 323710	35.29 0.78 -0.44	32.28 0.77 -0.67	28.31 0.64 -1.12	27.03 0.61 -1.05	26.24 0.57 -1.06	29.77 0.71 -0.83	35.33 0.92 -0.38	36.43 0.85 -0.35	37.14 0.93 -0.64	38.17 0.96 -0.47	44.87 1.07 -0.91	45.28 1.20 -1.28	50.60 1.44 -2.75	50.79 1.39 -2.93	52.83 1.61 -3.84	65.64 2.32 -5.44	87.23 3.09 -4.96	108.29 3.81 -6.66	94.53 3.61 -6.84	85.54 3.41 -4.66	75.83 3.14 -4.37	54.96 2.34 -0.72	48.58 1.58 -0.50	44.31 1.12 0.00
BABYLON_RES_REC 323704	55.02 3.81 -17.14	40.30 3.18 -6.28	38.62 2.79 -9.28	36.69 2.61 -8.70	35.92 2.51 -8.80	37.89 2.80 -6.86	41.17 3.64 -3.50	43.88 4.05 -4.60	52.80 4.16 -13.06	68.79 4.41 -27.64	78.28 4.84 -30.55	79.02 4.28 -31.94	83.86 4.41 -33.03	98.98 4.42 -48.10	113.03 5.40 -60.25	141.36 7.06 -76.42	164.22 9.66 -75.37	178.13 11.93 -68.39	145.53 10.17 -51.30	113.90 8.44 -27.99	86.50 7.04 -11.15	83.74 5.24 -26.60	81.20 4.84 -29.86	77.91 4.71 -30.01
BABYLON__69_KV_BK2 356345	55.50 4.29 -17.14	40.73 3.61 -6.28	38.96 3.13 -9.27	36.97 2.89 -8.70	36.22 2.81 -8.80	38.31 3.22 -6.85	41.64 4.12 -3.49	44.45 4.62 -4.60	53.44 4.80 -13.06	69.45 5.07 -27.64	79.19 5.75 -30.55	80.27 5.52 -31.95	88.39 5.71 -36.26	104.86 5.90 -52.49	139.68 6.68 -85.62	164.12 8.57 -97.68	186.07 11.72 -95.16	199.78 14.38 -87.59	175.25 12.44 -78.74	142.52 10.53 -54.52	92.82 8.68 -15.83	89.69 6.70 -31.10	85.26 5.77 -32.99	81.07 5.44 -32.44
BARON_WINDS____WT_PWR 323822	34.93 0.07 -0.80	31.84 -0.15 -1.15	28.27 -0.18 -1.90	26.91 -0.25 -1.79	26.15 -0.27 -1.80	29.33 -0.31 -1.41	34.35 -0.31 -0.63	35.49 -0.35 -0.61	36.69 -0.07 -1.18	37.31 -0.15 -0.71	44.53 -0.04 -1.69	45.31 0.13 -2.38	51.89 0.37 -5.10	52.55 0.65 -5.44	55.41 0.90 -7.13	68.71 1.45 -9.39	89.72 1.98 -8.55	107.15 2.15 -7.20	91.27 2.44 -4.76	83.23 2.78 -2.98	73.60 3.08 -2.21	55.04 2.34 -0.80	48.64 1.21 -0.93	44.35 1.17 0.00
BARRETT_IC_1 23704	54.45 3.24 -17.15	39.81 2.68 -6.29	38.23 2.39 -9.28	36.34 2.26 -8.71	35.58 2.17 -8.80	37.53 2.43 -6.87	40.49 2.96 -3.50	43.04 3.21 -4.60	51.84 3.20 -13.06	67.76 3.38 -27.64	77.03 3.60 -30.53	78.24 3.51 -31.93	81.36 3.67 -31.28	96.48 3.95 -46.06	99.39 4.88 -47.13	132.96 6.60 -68.48	160.48 8.95 -72.34	174.85 11.05 -66.00	140.57 9.33 -47.17	98.87 7.51 -13.89	83.24 5.94 -8.98	80.43 4.36 -24.17	78.85 4.19 -28.17	75.60 3.71 -28.70
BARRETT_IC_10 23701	54.45 3.24 -17.15	39.81 2.68 -6.29	38.23 2.39 -9.28	36.34 2.26 -8.71	35.58 2.17 -8.80	37.53 2.43 -6.87	40.49 2.96 -3.50	43.04 3.21 -4.60	51.84 3.20 -13.06	67.76 3.38 -27.64	77.03 3.60 -30.53	78.24 3.51 -31.93	81.36 3.67 -31.28	96.48 3.95 -46.06	99.39 4.88 -47.13	132.96 6.60 -68.48	160.48 8.95 -72.34	174.85 11.05 -66.00	140.57 9.33 -47.17	98.87 7.51 -13.89	83.24 5.94 -8.98	80.43 4.36 -24.17	78.85 4.19 -28.17	75.60 3.71 -28.70
BARRETT_IC_11 23702	54.45 3.24 -17.15	39.81 2.68 -6.29	38.23 2.39 -9.28	36.34 2.26 -8.71	35.58 2.17 -8.80	37.53 2.43 -6.87	40.49 2.96 -3.50	43.04 3.21 -4.60	51.84 3.20 -13.06	67.76 3.38 -27.64	77.03 3.60 -30.53	78.24 3.51 -31.93	81.36 3.67 -31.28	96.48 3.95 -46.06	99.39 4.88 -47.13	132.96 6.60 -68.48	160.48 8.95 -72.34	174.85 11.05 -66.00	140.57 9.33 -47.17	98.87 7.51 -13.89	83.24 5.94 -8.98	80.43 4.36 -24.17	78.85 4.19 -28.17	75.60 3.71 -28.70
BARRETT_IC_12 23703	54.45 3.24 -17.15	39.81 2.68 -6.29	38.23 2.39 -9.28	36.34 2.26 -8.71	35.58 2.17 -8.80	37.53 2.43 -6.87	40.49 2.96 -3.50	43.04 3.21 -4.60	51.84 3.20 -13.06	67.76 3.38 -27.64	77.03 3.60 -30.53	78.24 3.51 -31.93	81.36 3.67 -31.28	96.48 3.95 -46.06	99.39 4.88 -47.13	132.96 6.60 -68.48	160.48 8.95 -72.34	174.85 11.05 -66.00	140.57 9.33 -47.17	98.87 7.51 -13.89	83.24 5.94 -8.98	80.43 4.36 -24.17	78.85 4.19 -28.17	75.60 3.71 -28.70
BARRETT_IC_2 23705	54.45 3.24 -17.15	39.81 2.68 -6.29	38.23 2.39 -9.28	36.34 2.26 -8.71	35.58 2.17 -8.80	37.53 2.43 -6.87	40.49 2.96 -3.50	43.04 3.21 -4.60	51.84 3.20 -13.06	67.76 3.38 -27.64	77.03 3.60 -30.53	78.24 3.51 -31.93	81.36 3.67 -31.28	96.48 3.95 -46.06	99.39 4.88 -47.13	132.96 6.60 -68.48	160.48 8.95 -72.34	174.85 11.05 -66.00	140.57 9.33 -47.17	98.87 7.51 -13.89	83.24 5.94 -8.98	80.43 4.36 -24.17	78.85 4.19 -28.17	75.60 3.71 -28.70
BARRETT_IC_3 23706	54.45 3.24 -17.15	39.81 2.68 -6.29	38.23 2.39 -9.28	36.34 2.26 -8.71	35.58 2.17 -8.80	37.53 2.43 -6.87	40.49 2.96 -3.50	43.04 3.21 -4.60	51.84 3.20 -13.06	67.76 3.38 -27.64	77.03 3.60 -30.53	78.24 3.51 -31.93	81.36 3.67 -31.28	96.48 3.95 -46.06	99.39 4.88 -47.13	132.96 6.60 -68.48	160.48 8.95 -72.34	174.85 11.05 -66.00	140.57 9.33 -47.17	98.87 7.51 -13.89	83.24 5.94 -8.98	80.43 4.36 -24.17	78.85 4.19 -28.17	75.60 3.71 -28.70
BARRETT_IC_4 23707	54.45 3.24 -17.15	39.81 2.68 -6.29	38.23 2.39 -9.28	36.34 2.26 -8.71	35.58 2.17 -8.80	37.53 2.43 -6.87	40.49 2.96 -3.50	43.04 3.21 -4.60	51.84 3.20 -13.06	67.76 3.38 -27.64	77.03 3.60 -30.53	78.24 3.51 -31.93	81.36 3.67 -31.28	96.48 3.95 -46.06	99.39 4.88 -47.13	132.96 6.60 -68.48	160.48 8.95 -72.34	174.85 11.05 -66.00	140.57 9.33 -47.17	98.87 7.51 -13.89	83.24 5.94 -8.98	80.43 4.36 -24.17	78.85 4.19 -28.17	75.60 3.71 -28.70
BARRETT_IC_5 23708	54.45 3.24 -17.15	39.81 2.68 -6.29	38.23 2.39 -9.28	36.34 2.26 -8.71	35.58 2.17 -8.80	37.53 2.43 -6.87	40.49 2.96 -3.50	43.04 3.21 -4.60	51.84 3.20 -13.06	67.76 3.38 -27.64	77.03 3.60 -30.53	78.24 3.51 -31.93	81.36 3.67 -31.28	96.48 3.95 -46.06	99.39 4.88 -47.13	132.96 6.60 -68.48	160.48 8.95 -72.34	174.85 11.05 -66.00	140.57 9.33 -47.17	98.87 7.51 -13.89	83.24 5.94 -8.98	80.43 4.36 -24.17	78.85 4.19 -28.17	75.60 3.71 -28.70
BARRETT_IC_6 23709	54.45 3.24 -17.15	39.81 2.68 -6.29	38.23 2.39 -9.28	36.34 2.26 -8.71	35.58 2.17 -8.80	37.53 2.43 -6.87	40.49 2.96 -3.50	43.04 3.21 -4.60	51.84 3.20 -13.06	67.76 3.38 -27.64	77.03 3.60 -30.53	78.24 3.51 -31.93	81.36 3.67 -31.28	96.48 3.95 -46.06	99.39 4.88 -47.13	132.96 6.60 -68.48	160.48 8.95 -72.34	174.85 11.05 -66.00	140.57 9.33 -47.17	98.87 7.51 -13.89	83.24 5.94 -8.98	80.43 4.36 -24.17	78.85 4.19 -28.17	75.60 3.71 -28.70
BARRETT_IC_7 23710	54.41 3.20 -17.14	39.81 2.68 -6.28	38.21 2.39 -9.27	36.33 2.26 -8.70	35.58 2.17 -8.80	37.57 2.48 -6.85	40.48 2.96 -3.49	43.04 3.21 -4.60	51.84 3.20 -13.06	67.80 3.42 -27.64	77.03 3.60 -30.54	78.25 3.51 -31.94	81.32 3.62 -31.29	96.53 4.00 -46.07	99.39 4.88 -47.13	132.95 6.60 -68.47	160.47 8.95 -72.34	174.75 10.95 -65.99	140.65 9.42 -47.17	98.87 7.51 -13.89	83.25 5.94 -8.99	80.43 4.36 -24.17	78.81 4.14 -28.17	75.60 3.71 -28.70

BARRETT_IC_8 23711	54.45 3.24 -17.15	39.81 2.68 -6.29	38.23 2.39 -9.28	36.34 2.26 -8.71	35.58 2.17 -8.80	37.53 2.43 -6.87	40.49 2.96 -3.50	43.04 3.21 -4.60	51.84 3.20 -13.06	67.76 3.38 -27.64	77.03 3.60 -30.53	78.24 3.51 -31.93	81.36 3.67 -31.28	96.48 3.95 -46.06	99.39 4.88 -47.13	132.96 6.60 -68.48	160.48 8.95 -72.34	174.85 11.05 -66.00	140.57 9.33 -47.17	98.87 7.51 -13.89	83.24 5.94 -8.98	80.43 4.36 -24.17	78.85 4.19 -28.17	75.60 3.71 -28.70
BARRETT_IC_9 23700	54.45 3.24 -17.15	39.81 2.68 -6.29	38.23 2.39 -9.28	36.34 2.26 -8.71	35.58 2.17 -8.80	37.53 2.43 -6.87	40.49 2.96 -3.50	43.04 3.21 -4.60	51.84 3.20 -13.06	67.76 3.38 -27.64	77.03 3.60 -30.53	78.24 3.51 -31.93	81.36 3.67 -31.28	96.48 3.95 -46.06	99.39 4.88 -47.13	132.96 6.60 -68.48	160.48 8.95 -72.34	174.85 11.05 -66.00	140.57 9.33 -47.17	98.87 7.51 -13.89	83.24 5.94 -8.98	80.43 4.36 -24.17	78.85 4.19 -28.17	75.60 3.71 -28.70
BARRETT___1 23545	54.45 3.24 -17.15	39.81 2.68 -6.29	38.23 2.39 -9.28	36.34 2.26 -8.71	35.58 2.17 -8.80	37.53 2.43 -6.87	40.49 2.96 -3.50	43.04 3.21 -4.60	51.84 3.20 -13.06	67.76 3.38 -27.64	77.03 3.60 -30.53	78.24 3.51 -31.93	81.36 3.67 -31.28	96.48 3.95 -46.06	99.39 4.88 -47.13	132.96 6.60 -68.48	160.48 8.95 -72.34	174.85 11.05 -66.00	140.57 9.33 -47.17	98.87 7.51 -13.89	83.24 5.94 -8.98	80.43 4.36 -24.17	78.85 4.19 -28.17	75.60 3.71 -28.70
BARRETT___2 23546	54.45 3.24 -17.15	39.81 2.68 -6.29	38.23 2.39 -9.28	36.34 2.26 -8.71	35.58 2.17 -8.80	37.53 2.43 -6.87	40.49 2.96 -3.50	43.04 3.21 -4.60	51.84 3.20 -13.06	67.76 3.38 -27.64	77.03 3.60 -30.53	78.24 3.51 -31.93	81.36 3.67 -31.28	96.48 3.95 -46.06	99.39 4.88 -47.13	132.96 6.60 -68.48	160.48 8.95 -72.34	174.85 11.05 -66.00	140.57 9.33 -47.17	98.87 7.51 -13.89	83.24 5.94 -8.98	80.43 4.36 -24.17	78.85 4.19 -28.17	75.60 3.71 -28.70
BATAVIA___115KV_TB1 55881	35.20 0.65 -0.49	32.11 0.52 -0.74	28.18 0.37 -1.25	26.83 0.28 -1.17	26.05 0.25 -1.19	29.39 0.23 -0.92	34.80 0.34 -0.42	35.84 0.21 -0.40	36.55 0.25 -0.73	37.32 0.04 -0.54	44.31 0.39 -1.03	44.95 0.68 -1.46	50.28 0.74 -3.13	51.00 1.21 -3.33	53.07 1.33 -4.36	66.27 2.26 -6.13	87.71 2.93 -5.59	105.42 3.33 -4.28	90.31 3.28 -2.97	82.23 2.94 -1.83	73.11 3.62 -1.18	55.19 2.80 -0.49	48.32 1.26 -0.57	44.61 1.43 0.00
BAYONEEC___CTG1 323682	40.40 2.62 -3.71	38.54 2.16 -5.54	37.76 1.94 -9.27	35.92 1.85 -8.70	35.15 1.75 -8.79	37.03 1.95 -6.85	39.97 2.45 -3.49	41.04 2.85 -2.95	43.93 2.85 -5.50	47.03 3.12 -7.17	41.09 3.47 5.27	40.49 3.34 5.65	48.92 3.53 1.02	46.37 3.85 3.95	61.62 4.78 -9.46	98.24 6.48 -33.88	104.39 8.79 -16.41	109.58 10.86 -0.92	98.61 9.08 -5.46	78.73 7.12 5.85	60.25 5.40 13.46	43.56 4.00 12.34	39.67 3.49 10.32	38.21 3.11 8.09
BAYONEEC___CTG10 323750	40.40 2.62 -3.71	38.54 2.16 -5.54	37.76 1.94 -9.27	35.92 1.85 -8.70	35.15 1.75 -8.79	37.03 1.95 -6.85	39.97 2.45 -3.49	41.04 2.85 -2.95	43.93 2.85 -5.50	47.03 3.12 -7.17	41.09 3.47 5.27	40.49 3.34 5.65	48.92 3.53 1.02	46.37 3.85 3.95	61.62 4.78 -9.46	98.24 6.48 -33.88	104.39 8.79 -16.41	109.58 10.86 -0.92	98.61 9.08 -5.46	78.73 7.12 5.85	60.25 5.40 13.46	43.56 4.00 12.34	39.67 3.49 10.32	38.21 3.11 8.09
BAYONEEC___CTG2 323683	40.40 2.62 -3.71	38.54 2.16 -5.54	37.76 1.94 -9.27	35.92 1.85 -8.70	35.15 1.75 -8.79	37.03 1.95 -6.85	39.97 2.45 -3.49	41.04 2.85 -2.95	43.93 2.85 -5.50	47.03 3.12 -7.17	41.09 3.47 5.27	40.49 3.34 5.65	48.92 3.53 1.02	46.37 3.85 3.95	61.62 4.78 -9.46	98.24 6.48 -33.88	104.39 8.79 -16.41	109.58 10.86 -0.92	98.61 9.08 -5.46	78.73 7.12 5.85	60.25 5.40 13.46	43.56 4.00 12.34	39.67 3.49 10.32	38.21 3.11 8.09
BAYONEEC___CTG3 323684	40.40 2.62 -3.71	38.54 2.16 -5.54	37.76 1.94 -9.27	35.92 1.85 -8.70	35.15 1.75 -8.79	37.03 1.95 -6.85	39.97 2.45 -3.49	41.04 2.85 -2.95	43.93 2.85 -5.50	47.03 3.12 -7.17	41.09 3.47 5.27	40.49 3.34 5.65	48.92 3.53 1.02	46.37 3.85 3.95	61.62 4.78 -9.46	98.24 6.48 -33.88	104.39 8.79 -16.41	109.58 10.86 -0.92	98.61 9.08 -5.46	78.73 7.12 5.85	60.25 5.40 13.46	43.56 4.00 12.34	39.67 3.49 10.32	38.21 3.11 8.09
BAYONEEC___CTG4 323685	40.40 2.62 -3.71	38.54 2.16 -5.54	37.76 1.94 -9.27	35.92 1.85 -8.70	35.15 1.75 -8.79	37.03 1.95 -6.85	39.97 2.45 -3.49	41.04 2.85 -2.95	43.93 2.85 -5.50	47.03 3.12 -7.17	41.09 3.47 5.27	40.49 3.34 5.65	48.92 3.53 1.02	46.37 3.85 3.95	61.62 4.78 -9.46	98.24 6.48 -33.88	104.39 8.79 -16.41	109.58 10.86 -0.92	98.61 9.08 -5.46	78.73 7.12 5.85	60.25 5.40 13.46	43.56 4.00 12.34	39.67 3.49 10.32	38.21 3.11 8.09
BAYONEEC___CTG5 323686	40.40 2.62 -3.71	38.54 2.16 -5.54	37.76 1.94 -9.27	35.92 1.85 -8.70	35.15 1.75 -8.79	37.03 1.95 -6.85	39.97 2.45 -3.49	41.04 2.85 -2.95	43.93 2.85 -5.50	47.03 3.12 -7.17	41.09 3.47 5.27	40.49 3.34 5.65	48.92 3.53 1.02	46.37 3.85 3.95	61.62 4.78 -9.46	98.24 6.48 -33.88	104.39 8.79 -16.41	109.58 10.86 -0.92	98.61 9.08 -5.46	78.73 7.12 5.85	60.25 5.40 13.46	43.56 4.00 12.34	39.67 3.49 10.32	38.21 3.11 8.09
BAYONEEC___CTG6 323687	40.40 2.62 -3.71	38.54 2.16 -5.54	37.76 1.94 -9.27	35.92 1.85 -8.70	35.15 1.75 -8.79	37.03 1.95 -6.85	39.97 2.45 -3.49	41.04 2.85 -2.95	43.93 2.85 -5.50	47.03 3.12 -7.17	41.09 3.47 5.27	40.49 3.34 5.65	48.92 3.53 1.02	46.37 3.85 3.95	61.62 4.78 -9.46	98.24 6.48 -33.88	104.39 8.79 -16.41	109.58 10.86 -0.92	98.61 9.08 -5.46	78.73 7.12 5.85	60.25 5.40 13.46	43.56 4.00 12.34	39.67 3.49 10.32	38.21 3.11 8.09
BAYONEEC___CTG7 323688	40.40 2.62 -3.71	38.54 2.16 -5.54	37.76 1.94 -9.27	35.92 1.85 -8.70	35.15 1.75 -8.79	37.03 1.95 -6.85	39.97 2.45 -3.49	41.04 2.85 -2.95	43.93 2.85 -5.50	47.03 3.12 -7.17	41.09 3.47 5.27	40.49 3.34 5.65	48.92 3.53 1.02	46.37 3.85 3.95	61.62 4.78 -9.46	98.24 6.48 -33.88	104.39 8.79 -16.41	109.58 10.86 -0.92	98.61 9.08 -5.46	78.73 7.12 5.85	60.25 5.40 13.46	43.56 4.00 12.34	39.67 3.49 10.32	38.21 3.11 8.09
BAYONEEC___CTG8 323689	40.40 2.62 -3.71	38.54 2.16 -5.54	37.76 1.94 -9.27	35.92 1.85 -8.70	35.15 1.75 -8.79	37.03 1.95 -6.85	39.97 2.45 -3.49	41.04 2.85 -2.95	43.93 2.85 -5.50	47.03 3.12 -7.17	41.09 3.47 5.27	40.49 3.34 5.65	48.92 3.53 1.02	46.37 3.85 3.95	61.62 4.78 -9.46	98.24 6.48 -33.88	104.39 8.79 -16.41	109.58 10.86 -0.92	98.61 9.08 -5.46	78.73 7.12 5.85	60.25 5.40 13.46	43.56 4.00 12.34	39.67 3.49 10.32	38.21 3.11 8.09
BAYONEEC___CTG9 323749	40.40 2.62 -3.71	38.54 2.16 -5.54	37.76 1.94 -9.27	35.92 1.85 -8.70	35.15 1.75 -8.79	37.03 1.95 -6.85	39.97 2.45 -3.49	41.04 2.85 -2.95	43.93 2.85 -5.50	47.03 3.12 -7.17	41.09 3.47 5.27	40.49 3.34 5.65	48.92 3.53 1.02	46.37 3.85 3.95	61.62 4.78 -9.46	98.24 6.48 -33.88	104.39 8.79 -16.41	109.58 10.86 -0.92	98.61 9.08 -5.46	78.73 7.12 5.85	60.25 5.40 13.46	43.56 4.00 12.34	39.67 3.49 10.32	38.21 3.11 8.09

BEACON___LESR 323632	43.82 1.70 -8.06	40.55 1.54 -8.16	39.68 1.25 -11.87	37.69 1.17 -11.15	37.01 1.13 -11.27	38.37 1.36 -8.78	39.95 1.67 -4.25	40.71 1.69 -3.78	49.22 1.71 -11.94	49.26 1.65 -10.86	61.88 1.97 -17.02	68.80 1.93 -24.07	95.01 2.09 -46.50	93.04 2.18 -44.39	81.22 2.32 -31.52	125.00 2.78 -64.34	144.18 3.88 -61.12	151.91 4.69 -49.40	129.62 4.04 -41.51	111.24 3.64 -30.14	91.00 3.21 -19.47	62.41 2.44 -8.07	58.10 2.23 -9.37	45.17 1.99 0.00
BEAVER RIVER___HYD 24048	34.10 0.03 0.00	30.95 -0.06 -0.17	26.86 -0.05 -0.36	25.61 -0.10 -0.34	24.91 -0.05 -0.34	28.59 0.08 -0.26	34.36 0.21 -0.12	35.38 0.04 -0.11	35.58 0.00 0.00	36.56 -0.18 0.00	42.50 -0.39 0.00	42.67 -0.13 0.00	46.37 -0.05 0.00	46.23 -0.23 0.00	46.81 -0.57 0.00	66.99 -0.75 -9.86	108.18 -0.95 -29.94	144.73 -0.29 -47.22	154.95 0.17 -70.72	137.28 2.01 -57.81	110.49 2.19 -39.99	59.13 1.77 -5.46	47.80 1.30 0.00	43.92 0.73 0.00
BEEBEE_GT_13 23619	34.98 0.51 -0.41	32.06 0.59 -0.64	28.05 0.42 -1.07	26.74 0.36 -1.01	25.95 0.32 -1.02	29.37 0.34 -0.79	34.87 0.48 -0.36	36.00 0.42 -0.34	36.54 0.36 -0.60	37.45 0.26 -0.45	44.26 0.51 -0.86	44.82 0.81 -1.21	49.89 0.88 -2.59	50.39 1.16 -2.76	52.37 1.37 -3.62	65.47 2.32 -5.27	87.00 3.01 -4.80	104.91 3.42 -3.68	89.78 3.19 -2.52	81.61 2.63 -1.52	72.23 2.94 -0.98	54.54 2.23 -0.41	48.04 1.07 -0.47	44.27 1.08 0.00
BENSHRST_27_KV_BENSHRST_1 355998	41.02 3.24 -3.72	38.97 2.59 -5.54	38.10 2.28 -9.27	36.29 2.21 -8.71	35.51 2.09 -8.80	37.35 2.26 -6.85	40.34 2.82 -3.49	41.53 3.35 -2.95	44.32 3.24 -5.50	47.47 3.56 -7.17	54.58 3.86 -7.84	57.65 3.77 -11.08	90.93 3.99 -40.52	87.74 4.37 -36.91	105.82 5.35 -53.09	133.75 7.18 -68.69	185.17 9.82 -96.16	226.27 12.13 -116.33	189.41 10.34 -95.01	104.07 7.98 -18.63	93.97 6.08 -19.58	127.27 4.72 -70.64	82.00 4.05 -31.46	46.86 3.67 0.00
BETHLEHEM___GRP 23843	43.14 1.09 -7.98	40.01 1.02 -8.15	39.27 0.82 -11.89	37.32 0.79 -11.16	36.66 0.76 -11.28	37.90 0.88 -8.79	39.34 1.05 -4.26	40.08 1.06 -3.79	48.48 1.07 -11.83	48.58 1.07 -10.77	60.96 1.20 -16.87	67.80 1.16 -23.85	96.06 1.21 -48.44	96.68 1.30 -48.91	98.07 1.52 -49.17	124.12 1.85 -64.39	142.87 2.53 -61.15	150.26 3.03 -49.42	128.03 2.61 -41.35	109.49 2.17 -29.86	89.45 1.84 -19.29	61.35 1.45 -8.00	57.18 1.40 -9.28	44.44 1.25 0.00
BETHLEHEM___GS1 323560	43.14 1.09 -7.98	40.01 1.02 -8.15	39.27 0.82 -11.89	37.32 0.79 -11.16	36.66 0.76 -11.28	37.90 0.88 -8.79	39.34 1.06 -4.26	40.08 1.06 -3.79	48.48 1.07 -11.83	48.58 1.07 -10.77	60.96 1.20 -16.87	67.81 1.16 -23.85	96.07 1.20 -48.45	96.64 1.26 -48.92	98.08 1.52 -49.18	124.13 1.85 -64.39	142.88 2.53 -61.15	150.27 3.04 -49.42	128.03 2.61 -41.36	109.50 2.17 -29.87	89.45 1.85 -19.29	61.35 1.45 -8.00	57.18 1.39 -9.28	44.44 1.25 0.00
BETHLEHEM___GS2 323561	43.14 1.09 -7.98	40.01 1.02 -8.15	39.27 0.82 -11.89	37.32 0.79 -11.16	36.66 0.76 -11.28	37.90 0.88 -8.79	39.34 1.06 -4.26	40.08 1.06 -3.79	48.48 1.07 -11.83	48.58 1.07 -10.77	60.96 1.20 -16.87	67.81 1.16 -23.85	96.07 1.20 -48.45	96.64 1.26 -48.92	98.08 1.52 -49.18	124.13 1.85 -64.39	142.88 2.53 -61.15	150.27 3.04 -49.42	128.03 2.61 -41.36	109.50 2.17 -29.87	89.45 1.85 -19.29	61.35 1.45 -8.00	57.18 1.39 -9.28	44.44 1.25 0.00
BETHLEHEM___GS3 323562	43.14 1.09 -7.98	40.01 1.02 -8.15	39.27 0.82 -11.89	37.32 0.79 -11.16	36.66 0.76 -11.28	37.90 0.88 -8.79	39.34 1.06 -4.26	40.08 1.06 -3.79	48.48 1.07 -11.83	48.58 1.07 -10.77	60.96 1.20 -16.87	67.81 1.16 -23.85	96.07 1.20 -48.45	96.64 1.26 -48.92	98.08 1.52 -49.18	124.13 1.85 -64.39	142.88 2.53 -61.15	150.27 3.04 -49.42	128.03 2.61 -41.36	109.50 2.17 -29.87	89.45 1.85 -19.29	61.35 1.45 -8.00	57.18 1.39 -9.28	44.44 1.25 0.00
BETHLEHEM___STEEL 23779	34.79 0.14 -0.59	31.50 -0.22 -0.87	27.77 -0.24 -1.45	26.46 -0.28 -1.36	25.67 -0.32 -1.38	28.83 -0.48 -1.07	33.98 -0.54 -0.49	35.06 -0.63 -0.46	36.20 -0.25 -0.87	36.94 -0.44 -0.64	43.91 -0.21 -1.23	44.54 0.00 -1.74	50.29 0.14 -3.73	51.23 0.79 -3.98	53.64 1.04 -5.21	66.63 1.62 -7.12	87.58 1.90 -6.49	104.54 1.76 -4.97	89.57 2.02 -3.48	81.89 2.25 -2.18	72.59 2.87 -1.41	54.61 2.13 -0.58	48.06 0.88 -0.68	44.31 1.12 0.00
BETHLHEM_115KV_TB1 79974	43.01 1.16 -7.78	40.00 1.08 -8.08	39.34 0.90 -11.88	37.37 0.84 -11.16	36.70 0.81 -11.27	37.98 0.96 -8.78	39.44 1.16 -4.25	40.18 1.16 -3.79	48.25 1.14 -11.54	48.43 1.14 -10.55	60.66 1.33 -16.45	67.30 1.24 -23.25	95.04 1.30 -47.32	95.74 1.39 -47.88	97.74 1.66 -48.70	124.17 1.97 -64.32	143.04 2.77 -61.08	150.49 3.33 -49.36	127.83 2.86 -40.90	108.98 2.40 -29.12	89.11 1.98 -18.81	61.31 1.61 -7.80	57.09 1.53 -9.05	44.52 1.34 0.00
BETHPAGE_CC_5 323564	54.78 3.58 -17.14	40.11 2.99 -6.28	38.46 2.63 -9.28	36.54 2.46 -8.70	35.72 2.31 -8.80	37.69 2.60 -6.86	40.83 3.30 -3.50	43.53 3.70 -4.60	52.34 3.70 -13.06	68.27 3.89 -27.64	77.72 4.29 -30.54	78.89 4.15 -31.94	82.90 4.36 -32.12	97.74 4.65 -46.62	107.01 5.49 -54.13	136.02 7.23 -70.90	163.11 9.90 -74.02	177.36 12.22 -67.33	143.87 10.34 -49.46	106.30 8.52 -20.31	84.72 6.83 -9.58	82.32 5.09 -25.33	80.03 4.56 -28.97	76.66 4.15 -29.33
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	34.80 0.14 -0.60	31.41 -0.31 -0.88	27.71 -0.32 -1.47	26.40 -0.36 -1.38	25.62 -0.39 -1.40	28.76 -0.56 -1.09	33.92 -0.61 -0.50	35.00 -0.70 -0.47	36.28 -0.18 -0.88	37.03 -0.37 -0.65	44.01 -0.13 -1.25	44.70 0.13 -1.77	50.49 0.28 -3.79	51.48 0.98 -4.04	53.91 1.23 -5.29	66.78 1.68 -7.22	87.75 1.98 -6.58	104.80 1.96 -5.04	89.70 2.10 -3.53	82.24 2.56 -2.22	72.82 3.07 -1.43	54.83 2.34 -0.59	48.21 1.02 -0.69	44.40 1.21 0.00
BINGHAMTON___COGEN 23790	35.88 0.58 -1.24	32.99 0.46 -1.68	29.66 0.37 -2.74	28.27 0.33 -2.57	27.51 0.30 -2.60	30.63 0.37 -2.02	35.41 0.48 -0.90	36.60 0.49 -0.87	38.05 0.64 -1.83	38.49 0.62 -1.12	46.36 0.86 -2.61	47.39 0.90 -3.69	55.39 1.07 -7.90	56.14 1.25 -8.42	59.79 1.37 -11.04	73.25 1.91 -13.46	93.90 2.45 -12.26	111.35 2.93 -10.61	94.00 2.86 -7.07	84.87 2.79 -4.62	74.43 2.60 -3.52	55.11 1.97 -1.24	49.19 1.26 -1.44	44.18 0.99 0.00
BIXINCNT_115KV_LOAD 355685	33.71 -0.99 -0.64	30.24 -1.54 -0.94	26.89 -1.22 -1.56	25.47 -1.37 -1.46	24.71 -1.38 -1.48	27.75 -1.64 -1.15	32.76 -1.80 -0.53	34.04 -1.69 -0.49	35.77 -0.75 -0.94	36.45 -0.99 -0.70	43.50 -0.73 -1.34	44.52 -0.17 -1.89	50.61 0.14 -4.05	51.85 1.07 -4.32	54.32 1.28 -5.66	66.80 1.27 -7.65	87.58 1.43 -6.97	104.42 1.27 -5.34	89.50 1.68 -3.75	82.54 2.71 -2.37	73.12 3.28 -1.53	55.03 2.49 -0.63	48.31 1.07 -0.74	44.35 1.17 0.00
BLACK RIVER___HYD 24047	34.75 0.68 0.00	31.62 0.56 -0.23	27.51 0.48 -0.48	26.21 0.38 -0.45	25.52 0.44 -0.46	29.21 0.62 -0.36	35.08 0.88 -0.16	36.06 0.67 -0.15	36.22 0.64 0.00	37.30 0.55 0.00	43.41 0.52 0.00	43.61 0.81 0.00	47.44 1.02 0.00	47.35 0.88 0.00	47.76 0.38 0.00	66.42 0.52 -8.02	101.82 0.71 -21.92	134.73 1.66 -35.26	136.02 1.94 -50.01	122.00 4.18 -40.35	101.14 4.24 -28.59	58.99 3.27 -3.81	48.87 2.37 0.00	44.70 1.51 0.00

BLACKRVR_115KV_TB2 79977	34.75 0.68 0.00	31.62 0.56 -0.23	27.51 0.48 -0.48	26.21 0.38 -0.45	25.52 0.44 -0.46	29.21 0.62 -0.36	35.08 0.88 -0.16	36.05 0.67 -0.15	36.22 0.64 0.00	37.29 0.55 0.00	43.40 0.51 0.00	43.61 0.81 0.00	47.44 1.02 0.00	47.35 0.88 0.00	47.76 0.38 0.00	66.31 0.52 -7.90	101.71 0.71 -21.81	134.62 1.66 -35.14	135.97 1.93 -49.97	122.00 4.18 -40.35	101.13 4.24 -28.58	58.99 3.27 -3.81	48.87 2.37 0.00	44.70 1.51 0.00
BLISS_WT_PWR 323608	33.41 -1.29 -0.64	29.93 -1.85 -0.94	26.70 -1.41 -1.56	25.24 -1.60 -1.46	24.52 -1.58 -1.48	27.52 -1.86 -1.15	32.48 -2.08 -0.53	33.83 -1.90 -0.50	35.56 -0.96 -0.94	36.30 -1.14 -0.70	43.29 -0.94 -1.34	44.40 -0.30 -1.90	50.57 0.09 -4.06	51.67 0.88 -4.33	54.33 1.28 -5.67	66.84 1.27 -7.68	87.62 1.43 -7.00	104.35 1.18 -5.36	89.51 1.68 -3.76	82.62 2.78 -2.37	73.19 3.35 -1.53	55.13 2.59 -0.64	48.17 0.93 -0.74	44.35 1.17 0.00
BLUE_CIRC_CHEM_DRP 24182	42.56 1.64 -6.86	40.06 1.54 -7.68	39.49 1.27 -11.66	37.51 1.19 -10.95	36.86 1.18 -11.06	38.21 1.36 -8.62	39.80 1.60 -4.17	40.53 1.59 -3.72	47.34 1.60 -10.16	47.66 1.47 -9.45	59.09 1.72 -14.49	64.14 0.86 -20.48	88.66 0.84 -41.40	88.94 0.88 -41.59	89.62 1.09 -41.15	119.59 1.16 -60.55	133.02 1.66 -52.17	138.44 2.05 -38.58	121.16 1.85 -35.24	104.74 1.63 -25.65	86.39 1.50 -16.57	60.95 2.18 -6.87	56.61 2.14 -7.97	45.13 1.94 0.00
BOC_GAS_DRP 24189	42.07 1.33 -6.68	39.78 1.23 -7.70	39.45 1.06 -11.83	37.47 0.99 -11.11	36.80 0.96 -11.23	38.09 1.10 -8.75	39.59 1.33 -4.24	40.34 1.34 -3.77	46.83 1.35 -9.90	47.42 1.36 -9.32	58.55 1.54 -14.11	64.21 1.46 -19.96	89.01 1.49 -41.11	90.18 1.58 -42.14	95.33 1.90 -46.06	124.33 2.32 -64.14	143.60 3.17 -61.24	151.32 3.81 -49.70	126.05 3.36 -38.62	105.24 2.79 -24.99	86.78 2.32 -16.14	60.46 1.87 -6.69	56.03 1.77 -7.77	44.74 1.55 0.00
BOONVILLE_115KV_TB1 79983	34.64 0.58 0.00	31.46 0.46 -0.15	27.28 0.40 -0.33	25.99 0.30 -0.31	25.29 0.37 -0.31	28.99 0.51 -0.24	34.89 0.75 -0.11	36.01 0.67 -0.10	36.29 0.71 0.00	37.29 0.55 0.00	43.66 0.77 0.00	43.74 0.94 0.00	47.53 1.11 0.00	47.49 1.02 0.00	48.00 0.62 0.00	63.09 0.81 -4.40	92.06 1.27 -11.61	117.73 2.05 -17.86	113.08 2.02 -26.99	102.40 3.10 -21.84	86.42 2.94 -15.16	56.20 2.23 -2.06	48.18 1.67 0.00	44.35 1.17 0.00
BORALEX_4TH_BRANCH 23824	45.97 2.38 -9.52	41.62 2.16 -8.62	40.19 1.81 -11.83	38.21 1.73 -11.11	37.54 1.70 -11.23	38.93 1.95 -8.75	40.67 2.38 -4.25	41.47 2.47 -3.77	52.17 2.49 -14.10	52.02 2.68 -12.59	66.13 3.13 -20.11	74.36 3.12 -28.44	112.92 3.34 -63.17	119.50 3.44 -69.60	150.25 3.84 -99.04	127.25 4.63 -64.74	147.27 7.73 -61.74	155.69 7.73 -50.15	135.93 6.73 -45.13	118.80 5.73 -35.61	96.03 4.71 -23.00	65.12 3.69 -9.53	60.73 3.16 -11.07	46.12 2.94 0.00
BOWLINE___1 23526	39.61 1.97 -3.57	37.83 1.66 -5.32	36.92 1.46 -8.90	35.13 1.39 -8.36	34.39 1.33 -8.45	36.29 1.47 -6.58	38.41 1.87 -2.51	40.29 2.22 -2.84	43.03 2.17 -5.28	38.39 2.39 0.74	53.21 2.79 -7.53	56.15 2.70 -10.65	72.11 2.88 -22.82	73.94 3.16 -24.31	85.02 3.93 -33.71	68.52 5.32 -5.32	74.30 7.21 12.09	79.89 8.99 26.91	71.34 7.57 20.29	96.62 5.81 -13.34	81.37 4.44 -8.62	58.80 3.32 -3.57	53.48 2.84 -4.15	45.60 2.42 0.00
BOWLINE___2 23595	39.61 1.97 -3.57	37.83 1.66 -5.32	36.92 1.46 -8.90	35.15 1.42 -8.36	34.42 1.35 -8.45	36.29 1.47 -6.58	38.41 1.87 -2.51	40.29 2.22 -2.84	43.03 2.17 -5.29	38.43 2.42 0.74	53.21 2.79 -7.54	56.20 2.74 -10.66	72.12 2.88 -22.82	73.94 3.16 -24.31	85.02 3.93 -33.71	68.47 5.32 -5.27	74.31 7.28 12.16	79.82 8.99 26.99	71.29 7.57 20.35	96.62 5.81 -13.34	81.37 4.44 -8.62	58.80 3.32 -3.57	53.49 2.84 -4.15	45.60 2.42 0.00
BRADY___115KV_TB2 356060	33.38 -0.68 0.00	30.10 -0.74 0.00	25.92 -0.64 0.00	24.76 -0.61 0.00	24.10 -0.52 0.00	27.67 -0.56 0.00	33.28 -0.75 0.00	34.42 -0.81 0.00	34.80 -0.78 0.00	35.75 -0.99 0.00	41.69 -1.20 0.00	41.60 -1.20 0.00	45.07 -1.35 0.00	45.12 -1.35 0.00	45.44 -1.94 0.00	46.44 -3.30 8.14	44.59 -4.75 29.84	43.13 -5.67 49.00	40.09 -4.62 39.36	41.72 -3.18 32.57	43.66 -2.53 22.13	46.96 -1.87 3.08	45.43 -1.07 0.00	42.28 -0.91 0.00
BRANSCOMB___SOLAR 323811	48.02 2.45 -11.50	42.49 2.19 -9.46	40.56 1.75 -12.26	38.56 1.67 -11.51	37.90 1.65 -11.63	39.22 1.92 -9.06	40.75 2.35 -4.38	41.61 2.47 -3.91	55.08 2.45 -17.04	53.95 2.61 -14.59	70.24 3.05 -24.30	80.25 3.08 -34.36	125.17 3.39 -75.37	131.96 3.39 -82.10	164.68 3.32 -113.98	127.88 3.88 -66.12	147.34 5.46 -62.69	155.03 6.65 -50.56	139.38 6.13 -49.18	126.38 5.88 -43.03	101.58 5.47 -27.80	67.58 4.15 -11.52	63.36 3.49 -13.37	46.30 3.11 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	55.30 4.09 -17.14	40.58 3.45 -6.28	38.82 3.00 -9.27	36.84 2.77 -8.70	36.07 2.66 -8.80	38.17 3.08 -6.85	41.47 3.95 -3.49	44.27 4.44 -4.60	53.23 4.59 -13.06	69.23 4.85 -27.64	78.76 5.32 -30.55	79.93 5.18 -31.95	93.68 5.11 -42.16	104.13 5.06 -52.60	191.44 5.92 -138.14	159.35 7.47 -94.00	171.38 10.22 -81.98	183.94 12.52 -73.61	155.15 10.76 -60.32	183.94 9.22 -97.26	91.78 7.51 -15.95	97.28 6.07 -39.30	90.38 5.16 -38.71	85.10 5.05 -36.86
BRISTLHL_115KV_TB1 79998	33.79 -0.27 0.00	31.03 -0.15 -0.34	27.12 -0.16 -0.73	25.91 -0.15 -0.69	25.16 -0.15 -0.69	28.58 -0.20 -0.54	34.04 -0.24 -0.25	35.11 -0.35 -0.23	35.22 -0.36 0.00	36.38 -0.37 0.00	42.59 -0.30 0.00	42.59 -0.21 0.00	46.28 -0.14 0.00	46.37 -0.09 0.00	47.24 -0.14 0.00	62.16 0.12 -4.16	84.73 0.00 -5.54	109.55 -0.10 -11.84	92.49 0.08 -8.34	82.74 0.15 -5.12	74.52 0.20 -6.01	52.54 0.16 -0.48	46.32 -0.19 0.00	42.84 -0.35 0.00
BROOKHAVEN___DRP 24191	55.02 3.82 -17.14	40.36 3.24 -6.28	38.64 2.81 -9.27	36.64 2.56 -8.70	35.87 2.46 -8.80	37.94 2.85 -6.85	41.23 3.71 -3.49	43.99 4.16 -4.60	52.99 4.34 -13.07	69.02 4.63 -27.65	78.59 5.10 -30.60	79.68 4.88 -32.00	91.30 4.87 -40.01	128.84 5.06 -77.31	142.83 5.88 -89.58	274.48 7.70 -208.90	271.78 10.45 -182.14	276.07 12.42 -165.84	292.19 11.01 -197.10	186.35 9.45 -99.44	118.29 7.72 -42.26	94.11 5.92 -36.29	88.29 5.16 -36.63	83.28 4.84 -35.26
BROOKLYN_NAVY_YARD 23515	40.47 2.69 -3.71	38.57 2.19 -5.54	37.76 1.94 -9.27	35.92 1.85 -8.70	35.18 1.77 -8.79	37.06 1.98 -6.85	40.00 2.48 -3.49	41.15 2.96 -2.95	44.03 2.95 -5.50	47.14 3.23 -7.17	54.29 3.56 -7.84	57.27 3.38 -11.09	73.89 3.57 -23.90	76.03 3.95 -25.61	87.50 4.88 -35.24	133.18 6.65 -68.65	160.79 9.02 -72.58	175.31 11.24 -66.26	140.84 9.41 -47.36	98.79 7.44 -13.89	82.95 5.67 -8.97	59.72 4.10 -3.72	54.45 3.63 -4.32	46.43 3.24 0.00
BROOKLYN___ARMY_DRP 323595	40.82 3.03 -3.72	38.82 2.44 -5.54	37.97 2.15 -9.27	36.16 2.08 -8.71	35.38 1.97 -8.80	37.20 2.12 -6.85	40.17 2.65 -3.49	41.32 3.14 -2.95	44.10 3.02 -5.50	47.25 3.34 -7.17	54.33 3.60 -7.84	57.35 3.47 -11.08	90.60 3.67 -40.52	87.37 4.00 -36.91	105.45 4.97 -53.09	133.23 6.66 -68.69	184.53 9.19 -96.16	225.38 11.25 -116.33	188.66 9.58 -95.01	103.45 7.36 -18.63	93.42 5.53 -19.58	126.85 4.31 -70.64	81.68 3.72 -31.46	46.60 3.41 0.00

BROOKVLE_69_KV_TB1 55790	54.44 3.24 -17.14	39.93 2.81 -6.28	38.29 2.47 -9.27	36.41 2.33 -8.70	35.65 2.24 -8.80	37.63 2.54 -6.85	40.72 3.20 -3.49	43.43 3.59 -4.60	52.19 3.56 -13.06	68.24 3.86 -27.64	77.85 4.42 -30.54	79.11 4.37 -31.94	82.39 4.69 -31.29	97.69 5.16 -46.07	100.48 5.97 -47.13	134.17 7.81 -68.47	162.14 10.61 -72.34	176.81 13.01 -65.99	142.33 11.10 -47.17	100.34 8.99 -13.89	84.41 7.10 -8.99	81.37 5.29 -24.17	79.22 4.56 -28.17	75.95 4.06 -28.70
BROOME_2_LFGE 323671	35.88 0.58 -1.24	32.99 0.46 -1.68	29.66 0.37 -2.74	28.27 0.33 -2.57	27.51 0.30 -2.60	30.63 0.37 -2.02	35.41 0.48 -0.90	36.60 0.49 -0.87	38.05 0.64 -1.83	38.49 0.62 -1.12	46.36 0.86 -2.61	47.39 0.90 -3.69	55.44 1.11 -7.91	56.10 1.21 -8.43	59.80 1.37 -11.04	73.24 1.85 -13.50	93.95 2.46 -12.30	111.39 2.93 -10.65	93.93 2.77 -7.09	84.87 2.78 -4.62	74.50 2.66 -3.52	55.11 1.97 -1.24	49.15 1.21 -1.44	44.18 0.99 0.00
BROOME__LFGE 323600	35.88 0.58 -1.24	32.99 0.46 -1.68	29.66 0.37 -2.74	28.27 0.33 -2.57	27.51 0.30 -2.60	30.63 0.37 -2.02	35.41 0.48 -0.90	36.60 0.49 -0.87	38.05 0.64 -1.83	38.49 0.62 -1.12	46.36 0.86 -2.61	47.39 0.90 -3.69	55.44 1.11 -7.91	56.10 1.21 -8.43	59.80 1.37 -11.04	73.24 1.85 -13.50	93.95 2.46 -12.30	111.39 2.93 -10.65	93.93 2.77 -7.09	84.87 2.78 -4.62	74.50 2.66 -3.52	55.11 1.97 -1.24	49.15 1.21 -1.44	44.18 0.99 0.00
BROWNFLS_115KV_TB_3_5 80003	33.38 -0.68 0.00	30.22 -0.74 -0.12	26.17 -0.64 -0.25	24.98 -0.63 -0.24	24.31 -0.54 -0.24	27.89 -0.54 -0.19	33.51 -0.61 -0.09	34.57 -0.74 -0.08	34.83 -0.75 0.00	35.82 -0.92 0.00	41.69 -1.20 0.00	41.73 -1.07 0.00	45.26 -1.16 0.00	45.26 -1.21 0.00	45.67 -1.71 0.00	71.09 -2.60 -15.82	127.99 -3.56 -52.37	176.22 -3.81 -82.22	207.28 -2.94 -126.16	180.22 -1.16 -103.92	138.72 -0.68 -71.09	61.31 -0.42 -9.82	46.22 -0.28 0.00	42.67 -0.52 0.00
BROWNSV1_27_KV_LOAD 356125	40.84 3.07 -3.71	38.91 2.53 -5.54	38.05 2.23 -9.27	36.20 2.13 -8.70	35.42 2.02 -8.79	37.35 2.26 -6.85	40.38 2.86 -3.49	41.50 3.31 -2.95	44.39 3.31 -5.50	47.55 3.64 -7.17	54.81 4.07 -7.84	57.83 3.94 -11.09	74.45 4.13 -23.90	76.72 4.65 -25.61	88.16 5.54 -35.23	133.99 7.47 -68.64	161.89 10.14 -72.57	176.48 12.42 -66.25	142.02 10.59 -47.36	99.87 8.52 -13.89	83.91 6.63 -8.97	60.45 4.83 -3.72	55.00 4.19 -4.32	46.94 3.76 0.00
BURROWS__LYONSDAL 23803	34.51 0.44 0.00	31.31 0.31 -0.16	27.15 0.27 -0.33	25.89 0.20 -0.31	25.18 0.25 -0.32	28.88 0.40 -0.25	34.76 0.61 -0.11	35.87 0.53 -0.10	36.11 0.53 0.00	37.11 0.37 0.00	43.36 0.47 0.00	43.49 0.68 0.00	47.25 0.84 0.00	47.16 0.70 0.00	47.71 0.33 0.00	63.79 0.46 -5.45	95.16 0.79 -15.18	123.07 1.66 -23.60	121.31 1.68 -35.56	109.30 2.94 -28.89	91.21 2.87 -20.03	56.81 2.18 -2.73	48.18 1.67 0.00	44.27 1.08 0.00
CAITHNESS_CC_1 323624	54.96 3.75 -17.14	40.30 3.18 -6.28	38.62 2.79 -9.28	36.64 2.56 -8.70	35.89 2.49 -8.80	37.89 2.80 -6.86	41.17 3.64 -3.50	43.92 4.09 -4.60	52.91 4.27 -13.07	68.91 4.52 -27.65	78.46 4.97 -30.60	79.51 4.71 -32.00	91.12 4.74 -39.97	128.44 4.83 -77.15	142.14 5.68 -89.08	272.84 7.47 -207.49	268.64 10.14 -179.31	272.79 12.13 -162.85	287.81 10.59 -193.15	185.59 9.06 -99.07	117.78 7.38 -42.09	93.70 5.56 -36.24	88.21 5.12 -36.59	83.17 4.75 -35.23
CALPINE BETH_PAGE_GT4 24209	54.65 3.44 -17.14	39.99 2.87 -6.28	38.35 2.52 -9.27	36.44 2.36 -8.70	35.67 2.26 -8.80	37.69 2.60 -6.85	40.82 3.30 -3.49	43.50 3.66 -4.60	52.23 3.59 -13.06	68.24 3.86 -27.64	77.68 4.25 -30.54	78.85 4.11 -31.94	82.62 4.32 -31.89	97.64 4.69 -46.48	105.06 5.50 -52.19	135.39 7.24 -70.27	162.67 9.90 -73.58	176.91 12.13 -66.98	143.28 10.34 -48.87	104.45 8.44 -18.55	84.51 6.76 -9.43	82.00 5.09 -25.01	79.76 4.51 -28.75	76.40 4.06 -29.16
CALPINE_BETH_PAGE_GT_4 323586	54.72 3.51 -17.14	40.05 2.93 -6.28	38.41 2.57 -9.28	36.49 2.41 -8.70	35.70 2.29 -8.80	37.67 2.57 -6.86	40.83 3.30 -3.50	43.50 3.66 -4.60	52.23 3.59 -13.06	68.20 3.82 -27.64	77.68 4.25 -30.54	78.85 4.11 -31.94	82.67 4.36 -31.89	97.59 4.65 -46.48	105.06 5.49 -52.19	135.40 7.23 -70.29	162.68 9.90 -73.60	177.02 12.22 -66.99	143.29 10.34 -48.88	104.46 8.44 -18.56	84.57 6.83 -9.43	82.00 5.09 -25.01	79.76 4.51 -28.75	76.40 4.06 -29.16
CALPINE_BP_GT1 23823	54.72 3.51 -17.14	40.05 2.93 -6.28	38.41 2.57 -9.28	36.49 2.41 -8.70	35.70 2.29 -8.80	37.67 2.57 -6.86	40.83 3.30 -3.50	43.50 3.66 -4.60	52.23 3.59 -13.06	68.20 3.82 -27.64	77.68 4.25 -30.54	78.85 4.11 -31.94	82.67 4.36 -31.89	97.59 4.65 -46.48	105.06 5.49 -52.19	135.40 7.23 -70.29	162.68 9.90 -73.60	177.02 12.22 -66.99	143.29 10.34 -48.88	104.46 8.44 -18.56	84.57 6.83 -9.43	82.00 5.09 -25.01	79.76 4.51 -28.75	76.40 4.06 -29.16
CALSPAN__DRP 24200	34.79 0.14 -0.59	31.50 -0.22 -0.87	27.77 -0.24 -1.45	26.46 -0.28 -1.36	25.67 -0.32 -1.38	28.83 -0.48 -1.07	33.98 -0.54 -0.49	35.06 -0.63 -0.46	36.20 -0.25 -0.87	36.94 -0.44 -0.64	43.91 -0.21 -1.23	44.54 0.00 -1.74	50.29 0.14 -3.73	51.23 0.79 -3.98	53.64 1.04 -5.21	66.63 1.62 -7.12	87.58 1.90 -6.49	104.54 1.76 -4.97	89.57 2.02 -3.48	81.89 2.25 -2.18	72.59 2.87 -1.41	54.61 2.13 -0.58	48.06 0.88 -0.68	44.31 1.12 0.00
CALVERTON__SOLAR 323806	55.16 3.95 -17.14	40.45 3.33 -6.28	38.75 2.92 -9.28	36.74 2.66 -8.70	36.02 2.61 -8.80	38.01 2.91 -6.86	41.34 3.81 -3.50	44.13 4.30 -4.60	53.16 4.52 -13.07	69.17 4.77 -27.65	78.81 5.32 -30.60	79.93 5.13 -32.00	91.59 5.15 -40.02	129.19 5.34 -77.38	143.24 6.16 -89.71	275.39 8.10 -209.41	273.26 11.00 -183.07	277.60 13.11 -166.68	293.99 11.61 -198.32	187.13 10.07 -99.60	118.84 8.19 -42.33	94.34 6.12 -36.31	88.72 5.58 -36.64	83.55 5.09 -35.27
CANDIGU_WT_PWR 323617	34.93 0.07 -0.80	31.84 -0.15 -1.15	28.27 -0.18 -1.90	26.91 -0.25 -1.79	26.15 -0.27 -1.80	29.33 -0.31 -1.41	34.35 -0.31 -0.63	35.49 -0.35 -0.61	36.69 -0.07 -1.18	37.31 -0.15 -0.71	44.53 -0.04 -1.69	45.31 0.13 -2.38	51.89 0.37 -5.10	52.55 0.65 -5.44	55.41 0.90 -7.13	68.71 1.45 -9.39	89.72 1.98 -8.55	107.15 2.15 -7.20	91.27 2.44 -4.76	83.23 2.78 -2.98	73.60 3.08 -2.21	55.04 2.34 -0.80	48.64 1.21 -0.93	44.35 1.17 0.00
CARR STREET_E__SYR 24060	33.83 -0.24 0.00	31.07 -0.15 -0.38	27.21 -0.16 -0.81	26.04 -0.10 -0.76	25.31 -0.07 -0.77	28.64 -0.20 -0.60	34.11 -0.20 -0.28	35.28 -0.21 -0.26	35.40 -0.18 0.00	36.56 -0.18 0.00	42.80 -0.09 0.00	42.80 0.00 0.00	46.56 0.14 0.00	46.56 0.09 0.00	47.52 0.14 0.00	62.36 0.46 -4.02	83.25 0.40 -3.66	102.74 0.39 -4.54	91.08 0.42 -6.59	82.06 0.47 -4.13	72.36 0.48 -3.57	52.66 0.37 -0.39	46.45 -0.05 0.00	43.01 -0.17 0.00
CARTHAGE__PAPER 23857	34.34 0.27 0.00	31.20 0.15 -0.20	27.12 0.13 -0.43	25.86 0.08 -0.41	25.18 0.15 -0.41	28.84 0.28 -0.32	34.66 0.48 -0.15	35.65 0.28 -0.14	35.79 0.21 0.00	36.82 0.07 0.00	42.80 -0.09 0.00	42.97 0.17 0.00	46.70 0.28 0.00	46.61 0.14 0.00	47.14 -0.24 0.00	66.21 -0.40 -8.73	103.82 -0.39 -25.02	138.09 0.39 -39.89	142.85 0.75 -58.02	127.51 2.94 -47.11	104.39 3.08 -33.00	58.74 2.39 -4.45	48.27 1.77 0.00	44.22 1.03 0.00

CASSADAGA_WT_PWR 323784	34.21 -0.48 -0.62	30.98 -0.77 -0.91	27.28 -0.80 -1.52	26.06 -0.74 -1.43	25.29 -0.76 -1.44	28.48 -0.88 -1.12	33.63 -0.92 -0.52	34.91 -0.81 -0.48	36.28 -0.21 -0.91	37.09 -0.33 -0.68	44.02 -0.17 -1.30	44.43 -0.21 -1.84	50.32 -0.05 -3.95	51.32 0.65 -4.20	54.17 1.28 -5.51	67.40 2.02 -7.50	89.74 3.72 -6.83	107.15 4.11 -5.23	91.27 3.53 -3.67	84.03 4.26 -2.31	74.73 4.92 -1.49	56.57 4.05 -0.62	49.54 2.32 -0.72	45.60 2.42 0.00
CE_DUNWOOD___DRP 24194	40.25 2.49 -3.70	38.43 2.07 -5.52	37.60 1.81 -9.24	35.77 1.73 -8.68	35.03 1.65 -8.77	36.93 1.86 -6.83	39.85 2.35 -3.47	40.89 2.71 -2.94	43.77 3.01 -5.49	46.83 3.12 -7.07	54.10 3.39 -7.82	57.16 3.30 -11.06	73.73 3.48 -23.84	75.91 3.90 -25.54	87.21 4.69 -35.14	134.07 6.25 -69.94	162.04 8.47 -74.38	176.49 10.37 -68.31	141.86 8.91 -48.88	98.28 6.97 -13.85	82.66 5.40 -8.95	59.66 4.05 -3.71	54.25 3.44 -4.30	46.21 3.02 0.00
CE_MILLWOOD___DRP 24193	40.13 2.38 -3.68	38.34 2.00 -5.50	37.50 1.75 -9.19	35.68 1.67 -8.63	34.91 1.58 -8.72	36.81 1.78 -6.80	39.72 2.25 -3.44	40.77 2.61 -2.93	43.63 2.60 -5.46	46.57 2.87 -6.96	53.93 3.26 -7.78	56.97 3.17 -11.00	73.47 3.34 -23.72	75.64 3.76 -25.41	86.88 4.55 -34.96	135.87 6.08 -71.92	164.57 8.24 -77.14	183.15 10.07 -75.27	151.67 8.66 -58.94	97.98 6.74 -13.78	82.48 5.26 -8.90	59.54 3.94 -3.69	54.09 3.30 -4.28	46.08 2.89 0.00
CE_NYC2_DRP 24202	40.57 2.79 -3.71	38.66 2.28 -5.54	37.84 2.02 -9.27	36.03 1.95 -8.70	35.25 1.85 -8.79	37.09 2.00 -6.85	40.07 2.55 -3.49	41.15 2.96 -2.95	43.93 2.85 -5.50	47.03 3.12 -7.17	54.07 3.35 -7.84	57.05 3.17 -11.08	64.96 3.34 -15.20	69.85 3.72 -19.67	77.88 4.64 -25.86	132.83 6.31 -68.63	160.37 8.63 -72.55	174.61 10.56 -66.24	115.42 9.00 -22.36	95.74 6.89 -11.39	76.83 5.12 -3.39	53.83 3.89 1.97	52.14 3.35 -2.29	46.34 3.15 0.00
CE_NYC_DRP 24195	40.50 2.73 -3.71	38.63 2.25 -5.54	37.81 1.99 -9.27	35.98 1.90 -8.70	35.20 1.80 -8.79	37.09 2.00 -6.85	40.07 2.55 -3.49	41.15 2.96 -2.95	44.03 2.95 -5.50	47.18 3.27 -7.17	54.38 3.65 -7.84	57.40 3.51 -11.09	73.94 3.62 -23.90	76.17 4.09 -25.61	87.59 4.97 -35.23	133.24 6.71 -68.64	160.86 9.11 -72.57	175.21 11.15 -66.25	140.93 9.50 -47.36	98.79 7.44 -13.89	82.95 5.67 -8.97	59.82 4.20 -3.72	54.44 3.63 -4.32	46.47 3.28 0.00
CHAFFEE___LFGE 323603	34.88 0.21 -0.61	31.53 -0.21 -0.90	27.82 -0.24 -1.50	26.51 -0.28 -1.41	25.72 -0.32 -1.43	28.87 -0.48 -1.11	34.03 -0.51 -0.51	35.11 -0.60 -0.48	36.38 -0.11 -0.90	37.16 -0.26 -0.67	44.13 -0.04 -1.29	44.79 0.17 -1.82	50.73 0.42 -3.90	51.50 0.88 -4.16	54.15 1.32 -5.45	67.15 1.85 -7.42	88.17 2.21 -6.76	105.05 2.06 -5.18	89.97 2.27 -3.63	82.38 2.64 -2.28	72.93 3.14 -1.47	54.90 2.39 -0.61	48.14 0.93 -0.71	44.39 1.21 0.00
CHATEAUG_35_KV_LOAD 355732	32.94 -1.12 0.00	29.67 -1.17 0.00	25.49 -1.06 0.00	24.49 -0.89 0.00	23.70 -0.91 0.00	27.25 -0.99 0.00	32.70 -1.33 0.00	33.86 -1.37 0.00	34.30 -1.28 0.00	35.09 -1.65 0.00	40.49 -2.40 0.00	40.10 -2.70 0.00	43.26 -3.16 0.00	43.63 -2.83 0.00	44.21 -3.17 0.00	47.56 -4.11 6.21	52.60 -4.83 21.76	58.05 -5.67 34.09	56.23 -4.88 22.97	54.51 -3.95 19.00	52.05 -3.35 12.91	47.46 -2.65 1.80	44.50 -2.00 0.00	41.50 -1.68 0.00
CHATEAUG_WT_PWR 323614	32.91 -1.16 0.00	29.64 -1.20 0.00	25.44 -1.11 0.00	24.51 -0.86 0.00	23.68 -0.94 0.00	27.19 -1.04 0.00	32.57 -1.46 0.00	33.72 -1.51 0.00	34.15 -1.42 0.00	34.87 -1.87 0.00	40.14 -2.75 0.00	39.68 -3.12 0.00	42.75 -3.67 0.00	43.30 -3.16 0.00	43.87 -3.51 0.00	47.73 -4.46 5.70	54.11 -5.23 19.85	60.66 -6.26 30.89	60.15 -5.29 18.62	57.79 -4.26 15.41	54.15 -3.69 10.47	47.59 -2.85 1.46	44.32 -2.18 0.00	41.29 -1.90 0.00
CHAT_HIGH_FALL_HYD 323578	32.94 -1.12 0.00	29.67 -1.17 0.00	25.49 -1.06 0.00	24.48 -0.89 0.00	23.70 -0.91 0.00	27.25 -0.99 0.00	32.70 -1.33 0.00	33.86 -1.37 0.00	34.30 -1.28 0.00	35.05 -1.69 0.00	40.49 -2.40 0.00	40.11 -2.70 0.00	43.21 -3.20 0.00	43.68 -2.79 0.00	44.21 -3.17 0.00	47.56 -4.11 6.21	52.60 -4.83 21.76	57.95 -5.77 34.09	56.22 -4.88 22.97	54.51 -3.95 19.00	52.05 -3.35 12.91	47.46 -2.65 1.80	44.50 -2.00 0.00	41.50 -1.68 0.00
CHAUTAUQUA___LFGE 323629	34.71 0.03 -0.61	31.49 -0.25 -0.90	27.76 -0.29 -1.50	26.47 -0.30 -1.40	25.69 -0.34 -1.42	28.89 -0.45 -1.11	34.10 -0.44 -0.51	35.29 -0.42 -0.48	36.51 0.04 -0.90	37.34 -0.07 -0.67	44.25 0.09 -1.28	44.83 0.22 -1.81	50.75 0.46 -3.87	51.57 0.98 -4.13	54.35 1.56 -5.41	67.58 2.32 -7.38	89.24 3.33 -6.72	106.48 3.52 -5.15	91.12 3.45 -3.61	83.45 3.72 -2.27	74.01 4.24 -1.46	55.88 3.37 -0.61	48.97 1.77 -0.70	45.08 1.90 0.00
CHERRYST_13_KV_LD 356241	40.64 2.86 -3.71	38.73 2.34 -5.54	37.92 2.10 -9.27	36.08 2.00 -8.70	35.30 1.90 -8.79	37.20 2.12 -6.85	40.21 2.69 -3.49	41.36 3.17 -2.95	44.25 3.17 -5.50	47.40 3.49 -7.17	54.63 3.90 -7.84	57.66 3.77 -11.09	74.26 3.95 -23.90	76.49 4.41 -25.61	87.87 5.26 -35.23	133.64 7.12 -68.64	161.42 9.66 -72.57	175.90 11.83 -66.25	141.43 10.00 -47.36	99.17 7.82 -13.89	83.30 6.01 -8.97	60.03 4.41 -3.72	54.63 3.81 -4.32	46.64 3.45 0.00
CHESTROR_138KV_BK263 355645	39.38 1.94 -3.37	37.51 1.63 -5.03	36.40 1.43 -8.41	34.62 1.34 -7.90	33.88 1.28 -7.98	35.89 1.44 -6.22	38.17 1.80 -2.33	39.96 2.04 -2.68	42.57 1.99 -4.99	37.86 2.20 1.09	52.63 2.62 -7.12	55.44 2.57 -10.07	70.72 2.74 -21.56	72.46 3.02 -22.97	82.68 3.60 -31.70	82.63 4.80 -19.94	94.39 6.49 -8.71	102.49 8.02 3.34	87.49 6.81 3.39	95.57 5.50 -12.61	80.69 4.24 -8.14	58.55 3.27 -3.38	53.12 2.70 -3.92	45.52 2.33 0.00
CH_MIDHUDSON___DRP 24192	40.35 2.45 -3.84	38.62 2.10 -5.68	37.84 1.81 -9.48	35.98 1.70 -8.91	35.24 1.62 -9.00	37.11 1.86 -7.01	39.75 2.28 -3.44	40.76 2.50 -3.02	43.68 2.42 -5.68	45.59 2.68 -6.17	54.21 3.22 -8.10	57.47 3.21 -11.46	74.39 3.43 -24.54	76.28 3.67 -26.14	87.59 4.31 -35.90	115.78 5.67 -52.23	136.90 7.76 -49.95	148.10 9.59 -40.71	120.85 8.15 -28.63	98.47 6.66 -14.35	82.77 5.19 -9.27	59.69 3.94 -3.84	54.31 3.35 -4.46	46.12 2.94 0.00
CH_MISC_IPPS 23765	40.47 2.66 -3.75	38.68 2.28 -5.55	37.76 1.94 -9.27	35.91 1.83 -8.70	35.16 1.75 -8.80	37.07 1.98 -6.85	39.69 2.42 -3.25	40.83 2.64 -2.95	43.66 2.53 -5.55	44.54 2.79 -5.01	54.28 3.47 -7.91	57.50 3.51 -11.19	74.19 3.81 -23.97	76.00 4.00 -25.54	86.99 4.65 -34.97	111.72 6.13 -47.71	131.89 8.39 -44.31	143.11 10.47 -34.83	117.31 8.82 -24.42	98.91 7.44 -14.01	83.11 5.74 -9.05	60.01 4.36 -3.75	54.58 3.72 -4.36	46.34 3.15 0.00
CH_RES_BVR_FALLS 23983	33.21 -0.85 0.00	30.01 -0.83 0.00	25.84 -0.72 0.00	24.71 -0.66 0.00	24.00 -0.61 0.00	27.56 -0.68 0.00	33.18 -0.85 0.00	34.35 -0.88 0.00	34.69 -0.89 0.00	35.79 -0.96 0.00	41.73 -1.16 0.00	41.65 -1.15 0.00	45.16 -1.25 0.00	45.26 -1.21 0.00	46.00 -1.38 0.00	53.60 -1.79 2.49	68.32 -2.30 8.57	82.01 -2.64 13.16	75.79 -2.19 6.09	70.64 -1.78 5.04	63.38 -1.50 3.43	50.23 -1.19 0.48	45.62 -0.88 0.00	42.41 -0.78 0.00

CH_RES_NIAGARA 23895	34.02 -0.58 -0.53	31.15 -0.49 -0.80	27.41 -0.48 -1.34	26.12 -0.51 -1.26	25.34 -0.54 -1.27	28.49 -0.73 -0.99	33.50 -0.99 -0.45	34.29 -1.37 -0.43	34.94 -1.42 -0.79	35.75 -1.58 -0.58	42.29 -1.72 -1.12	42.72 -1.67 -1.59	48.19 -1.63 -3.40	48.60 -1.49 -3.62	51.08 -1.04 -4.74	64.02 -0.40 -6.54	84.26 -0.95 -6.02	100.36 -2.06 -4.61	86.18 -1.10 -3.20	78.21 -1.24 -1.99	69.39 -0.20 -1.28	52.43 0.00 -0.53	46.05 -1.07 -0.62	42.75 -0.43 0.00
CH_RES_SYRACUSE 23985	34.53 0.14 -0.33	31.56 0.19 -0.53	27.57 0.11 -0.91	26.35 0.13 -0.85	25.57 0.10 -0.86	29.02 0.11 -0.67	34.51 0.17 -0.31	35.66 0.14 -0.29	35.72 0.14 0.00	36.89 0.15 0.00	43.27 0.39 0.00	43.23 0.43 0.00	47.02 0.60 0.00	47.03 0.56 0.00	47.71 0.33 0.00	63.00 0.64 -4.48	83.98 0.71 -4.08	104.85 0.69 -6.35	91.25 0.75 -6.43	81.89 0.77 -3.65	73.03 0.82 -3.89	52.92 0.67 -0.35	46.92 0.42 0.00	43.40 0.22 0.00
CLINTON_WT_PWR 323605	32.91 -1.16 0.00	29.64 -1.20 0.00	25.44 -1.11 0.00	24.51 -0.86 0.00	23.68 -0.94 0.00	27.19 -1.04 0.00	32.57 -1.46 0.00	33.72 -1.51 0.00	34.15 -1.42 0.00	34.87 -1.87 0.00	40.14 -2.75 0.00	39.68 -3.12 0.00	42.75 -3.67 0.00	43.30 -3.16 0.00	43.87 -3.51 0.00	47.73 -4.46 5.70	54.11 -5.23 19.85	60.66 -6.26 30.89	60.15 -5.29 18.62	57.79 -4.26 15.41	54.15 -3.69 10.47	47.59 -2.85 1.46	44.32 -2.18 0.00	41.29 -1.90 0.00
CLINTON___LFGE 323618	33.25 -0.82 0.00	29.92 -0.92 0.00	25.70 -0.85 0.00	24.69 -0.68 0.00	23.93 -0.69 0.00	27.48 -0.76 0.00	32.94 -1.09 0.00	34.14 -1.09 0.00	34.55 -1.03 0.00	35.05 -1.69 0.00	40.19 -2.70 0.00	39.72 -3.08 0.00	42.70 -3.71 0.00	43.26 -3.21 0.00	43.78 -3.60 0.00	47.36 -4.69 5.83	53.38 -5.46 20.34	59.73 -6.36 31.73	58.93 -5.38 19.76	56.78 -4.34 16.35	53.51 -3.69 11.11	47.45 -2.91 1.55	44.22 -2.28 0.00	41.20 -1.99 0.00
COBBLENY_34_KV_TB1 80064	34.88 0.20 -0.61	31.53 -0.22 -0.90	27.82 -0.24 -1.50	26.51 -0.28 -1.41	25.72 -0.32 -1.43	28.87 -0.48 -1.11	34.03 -0.51 -0.51	35.11 -0.60 -0.48	36.38 -0.11 -0.90	37.08 -0.33 -0.67	44.13 -0.04 -1.29	44.79 0.17 -1.82	50.64 0.32 -3.89	51.68 1.07 -4.15	54.14 1.33 -5.44	67.06 1.79 -7.39	88.14 2.22 -6.73	105.12 2.15 -5.16	90.04 2.35 -3.62	82.37 2.63 -2.28	72.93 3.14 -1.47	54.85 2.34 -0.61	48.23 1.02 -0.71	44.40 1.21 0.00
COFFEEN___115KV_TB3 355620	35.05 0.99 0.00	31.87 0.80 -0.23	27.73 0.69 -0.49	26.42 0.58 -0.46	25.72 0.64 -0.47	29.48 0.88 -0.36	35.39 1.19 -0.17	36.34 0.95 -0.15	36.47 0.89 0.00	37.55 0.81 0.00	43.75 0.86 0.00	44.00 1.20 0.00	47.85 1.44 0.00	47.77 1.30 0.00	48.09 0.71 0.00	66.59 0.93 -7.78	101.80 1.35 -21.26	134.58 2.45 -34.33	135.23 2.61 -48.55	121.73 5.11 -39.16	101.23 5.12 -27.80	59.55 3.94 -3.70	49.43 2.93 0.00	45.09 1.90 0.00
COLDSPRG_115KV_BK1 355956	35.02 0.31 -0.64	31.51 -0.28 -0.94	27.78 -0.35 -1.57	26.52 -0.33 -1.48	25.74 -0.37 -1.49	28.92 -0.48 -1.16	34.16 -0.41 -0.53	35.45 -0.28 -0.50	37.06 0.53 -0.95	37.67 0.22 -0.70	44.84 0.60 -1.35	45.31 0.60 -1.91	51.26 0.74 -4.10	52.51 1.67 -4.37	55.19 2.08 -5.72	68.03 2.43 -7.72	89.86 3.64 -7.03	107.11 3.91 -5.39	91.47 3.61 -3.79	84.35 4.49 -2.40	74.92 5.06 -1.55	56.59 4.05 -0.64	49.71 2.46 -0.74	45.56 2.38 0.00
COLONIE_LFGE___ 323577	46.57 1.97 -10.53	41.69 1.79 -9.06	40.11 1.49 -12.07	38.13 1.42 -11.34	37.45 1.38 -11.46	38.77 1.61 -8.93	40.32 1.97 -4.32	41.12 2.04 -3.85	53.24 2.06 -15.60	52.49 2.17 -13.58	67.71 2.57 -22.25	76.82 2.57 -31.46	119.02 2.74 -69.87	126.24 1.30 -76.98	160.80 3.03 -110.38	126.95 3.65 -65.42	146.32 4.99 -62.14	154.20 6.17 -50.23	136.53 5.39 -47.08	121.58 4.73 -39.39	97.86 4.10 -25.45	65.62 3.17 -10.55	61.44 2.70 -12.24	45.65 2.46 0.00
COOPERNY_115KV_TB1 80082	38.04 1.43 -2.54	35.84 1.23 -3.77	33.93 1.09 -6.28	32.29 1.01 -5.90	31.56 0.98 -5.96	33.98 1.10 -4.65	37.21 1.36 -1.82	38.79 1.55 -2.00	40.88 1.53 -3.77	38.36 1.69 0.07	50.23 1.97 -5.37	52.37 1.97 -7.59	64.77 2.09 -16.27	66.07 2.28 -17.33	72.79 2.70 -22.71	84.43 3.59 -22.96	101.41 4.83 -17.39	113.48 5.97 -9.70	95.86 5.21 -6.58	91.23 4.26 -9.51	77.81 3.35 -6.14	56.99 2.54 -2.55	51.55 2.09 -2.96	44.96 1.77 0.00
COPENHAGEN_WT_PWR 323753	34.64 0.58 0.00	31.54 0.46 -0.24	27.46 0.40 -0.51	26.18 0.33 -0.47	25.46 0.37 -0.48	29.15 0.54 -0.37	34.95 0.75 -0.17	35.96 0.56 -0.16	36.11 0.53 0.00	37.19 0.44 0.00	43.32 0.43 0.00	43.48 0.68 0.00	47.30 0.88 0.00	47.21 0.74 0.00	47.71 0.33 0.00	66.01 0.46 -7.67	100.21 0.63 -20.39	132.27 1.47 -32.99	131.83 1.68 -46.08	118.22 3.72 -37.04	98.57 3.82 -26.43	58.36 2.96 -3.50	48.60 2.09 0.00	44.48 1.29 0.00
CORNELL___ 23752	35.90 0.99 -0.84	32.87 0.86 -1.17	29.16 0.69 -1.91	27.83 0.66 -1.80	27.05 0.62 -1.82	30.41 0.76 -1.41	35.65 0.99 -0.63	36.79 0.95 -0.61	37.78 0.96 -1.24	38.42 0.92 -0.76	45.90 1.24 -1.77	46.63 1.33 -2.50	53.36 1.58 -5.36	53.81 1.63 -5.71	56.48 1.61 -7.49	69.52 2.26 -9.38	90.82 3.09 -8.55	110.20 4.11 -8.28	93.06 3.95 -5.04	84.70 4.11 -3.14	74.86 3.76 -2.79	55.49 2.75 -0.84	49.38 1.91 -0.97	44.65 1.47 0.00
CORONAAY_69_KV_TB1 355595	54.65 3.44 -17.14	39.99 2.87 -6.28	38.37 2.55 -9.27	36.46 2.39 -8.70	35.70 2.29 -8.80	37.72 2.63 -6.85	40.75 3.23 -3.49	43.36 3.52 -4.60	52.19 3.56 -13.06	68.24 3.86 -27.64	77.76 4.33 -30.54	78.98 4.24 -31.94	82.21 4.50 -31.29	97.46 4.93 -46.07	100.20 5.69 -47.13	134.05 7.70 -68.47	161.98 10.45 -72.34	176.61 12.81 -65.99	142.25 11.01 -47.17	100.34 8.99 -13.89	84.48 7.17 -8.99	81.37 5.29 -24.17	79.41 4.74 -28.17	76.12 4.23 -28.70
CORTLAND_115KV_TB3 80093	35.36 0.65 -0.65	32.37 0.59 -0.94	28.57 0.45 -1.57	27.28 0.43 -1.47	26.52 0.42 -1.49	29.88 0.48 -1.16	35.24 0.68 -0.53	36.40 0.67 -0.50	37.24 0.71 -0.95	38.14 0.70 -0.70	45.18 0.94 -1.35	45.74 1.03 -1.91	51.71 1.21 -4.09	52.12 1.30 -4.35	54.37 1.28 -5.71	67.33 1.79 -7.66	88.54 2.38 -6.97	107.99 3.03 -7.15	95.23 2.86 -8.30	86.36 3.02 -5.87	75.82 2.80 -4.70	54.95 2.08 -0.97	48.59 1.35 -0.74	44.18 0.99 0.00
COXSACKIE___GT 23611	43.35 2.83 -6.46	40.74 2.59 -7.30	39.74 2.04 -11.14	37.73 1.90 -10.46	37.05 1.87 -10.57	38.73 2.26 -8.23	40.59 2.59 -3.97	41.18 2.40 -3.55	47.26 2.10 -9.58	47.80 2.24 -8.81	59.12 2.57 -13.66	64.55 2.44 -19.31	88.00 2.83 -38.75	87.78 2.69 -38.62	86.80 2.60 -36.82	118.00 3.65 -56.47	131.24 5.31 -46.74	137.72 6.84 -33.07	121.32 5.39 -31.87	107.61 5.97 -24.18	88.99 5.06 -15.62	62.63 4.26 -6.47	57.87 3.86 -7.52	46.64 3.46 0.00
CPV_VALLEY___CC1 323721	38.73 1.60 -3.07	36.77 1.36 -4.58	35.40 1.20 -7.65	33.70 1.14 -7.19	32.96 1.08 -7.26	35.11 1.21 -5.66	37.64 1.53 -2.07	39.43 1.76 -2.44	41.83 1.71 -4.54	37.24 1.91 1.41	51.60 2.23 -6.48	54.14 2.18 -9.16	68.36 2.32 -19.62	69.93 2.55 -20.91	79.25 3.13 -28.74	86.97 4.22 -24.87	101.88 5.70 -16.99	111.87 7.05 -7.01	94.28 5.97 -4.25	93.66 4.73 -11.47	79.34 3.62 -7.41	57.72 2.75 -3.07	52.39 2.32 -3.57	45.13 1.95 0.00

CPV_VALLEY___CC2 323722	38.73 1.60 -3.07	36.77 1.36 -4.58	35.40 1.20 -7.65	33.70 1.14 -7.19	32.96 1.08 -7.26	35.11 1.21 -5.66	37.64 1.53 -2.07	39.43 1.76 -2.44	41.83 1.71 -4.54	37.24 1.91 1.41	51.60 2.23 -6.48	54.14 2.18 -9.16	68.36 2.32 -19.62	69.93 2.55 -20.91	79.25 3.13 -28.74	86.97 4.22 -24.87	101.88 5.70 -16.99	111.87 7.05 -7.01	94.28 5.97 -4.25	93.66 4.73 -11.47	79.34 3.62 -7.41	57.72 2.75 -3.07	52.39 2.32 -3.57	45.13 1.95 0.00
CRESCENT___HYD 24018	46.57 1.97 -10.53	41.69 1.79 -9.06	40.11 1.49 -12.07	38.13 1.42 -11.34	37.45 1.38 -11.46	38.77 1.61 -8.93	40.32 1.97 -4.32	41.12 2.04 -3.85	53.24 2.06 -15.60	52.49 2.17 -13.58	67.71 2.57 -22.25	76.82 2.57 -31.46	119.02 2.74 -69.87	126.24 2.79 -76.98	160.80 3.03 -110.38	126.95 3.65 -65.42	146.32 4.99 -62.14	154.20 6.17 -50.23	136.53 5.39 -47.08	121.58 4.73 -39.39	97.86 4.10 -25.45	65.62 3.17 -10.55	61.44 2.70 -12.24	45.65 2.46 0.00
CRICKET___VALLEY_CC1 323756	40.26 2.11 -4.08	38.61 1.82 -5.95	38.00 1.57 -9.88	36.15 1.50 -9.28	35.44 1.45 -9.38	37.18 1.64 -7.30	39.79 2.04 -3.72	40.64 2.26 -3.15	43.87 2.24 -6.04	46.93 2.42 -7.76	54.29 2.79 -8.62	57.69 2.70 -12.19	75.56 2.74 -26.41	77.90 2.98 -28.45	90.47 3.70 -39.39	122.66 4.75 -60.03	145.21 6.41 -59.62	156.47 7.92 -50.74	126.78 6.73 -35.98	97.99 5.27 -15.26	82.27 4.10 -9.86	59.15 3.17 -4.09	54.08 2.84 -4.74	45.73 2.55 0.00
CRICKET___VALLEY_CC2 323757	40.26 2.11 -4.08	38.61 1.82 -5.95	38.00 1.57 -9.88	36.15 1.50 -9.28	35.44 1.45 -9.38	37.18 1.64 -7.30	39.79 2.04 -3.72	40.64 2.26 -3.15	43.87 2.24 -6.04	46.93 2.42 -7.76	54.29 2.79 -8.62	57.69 2.70 -12.19	75.56 2.74 -26.41	77.90 2.98 -28.45	90.47 3.70 -39.39	122.66 4.75 -60.03	145.21 6.41 -59.62	156.47 7.92 -50.74	126.78 6.73 -35.98	97.99 5.27 -15.26	82.27 4.10 -9.86	59.15 3.17 -4.09	54.08 2.84 -4.74	45.73 2.55 0.00
CRICKET___VALLEY_CC3 323758	40.26 2.11 -4.08	38.61 1.82 -5.95	38.00 1.57 -9.88	36.15 1.50 -9.28	35.44 1.45 -9.38	37.18 1.64 -7.30	39.79 2.04 -3.72	40.64 2.26 -3.15	43.87 2.24 -6.04	46.93 2.42 -7.76	54.29 2.79 -8.62	57.69 2.70 -12.19	75.56 2.74 -26.41	77.90 2.98 -28.45	90.47 3.70 -39.39	122.66 4.75 -60.03	145.21 6.41 -59.62	156.47 7.92 -50.74	126.78 6.73 -35.98	97.99 5.27 -15.26	82.27 4.10 -9.86	59.15 3.17 -4.09	54.08 2.84 -4.74	45.73 2.55 0.00
CRUCIBLE_METL_DRP 24180	34.53 0.14 -0.33	31.56 0.19 -0.53	27.57 0.11 -0.91	26.35 0.13 -0.85	25.57 0.10 -0.86	29.02 0.11 -0.67	34.51 0.17 -0.31	35.66 0.14 -0.28	35.72 0.14 0.00	36.89 0.15 0.00	43.27 0.39 0.00	43.23 0.43 0.00	47.02 0.60 0.00	47.07 0.60 0.00	47.71 0.33 0.00	62.91 0.64 -4.39	83.90 0.71 -4.00	104.77 0.68 -6.27	91.22 0.76 -6.39	81.89 0.77 -3.65	73.02 0.82 -3.89	52.87 0.62 -0.35	46.92 0.42 0.00	43.40 0.22 0.00
DAHOWA___HYDRO 323763	48.26 2.56 -11.64	42.64 2.28 -9.51	40.65 1.81 -12.29	38.64 1.73 -11.54	37.95 1.67 -11.66	39.33 2.01 -9.09	40.87 2.45 -4.39	41.76 2.61 -3.92	55.46 2.63 -17.25	54.27 2.79 -14.73	70.70 3.22 -24.59	80.87 3.30 -34.77	126.21 3.67 -76.13	132.79 3.53 -82.79	165.20 3.41 -114.41	128.06 3.94 -66.25	147.60 5.62 -62.79	155.17 6.74 -50.62	139.93 6.39 -49.47	127.20 6.20 -43.54	102.24 5.80 -28.13	67.97 4.41 -11.66	63.71 3.67 -13.53	46.43 3.24 0.00
DANC___LFGE 323619	34.27 0.21 0.00	31.30 0.19 -0.28	27.30 0.16 -0.59	26.03 0.10 -0.55	25.32 0.15 -0.56	28.90 0.22 -0.43	34.57 0.34 -0.20	35.60 0.18 -0.19	35.72 0.14 0.00	36.82 0.07 0.00	42.93 0.04 0.00	43.06 0.26 0.00	46.83 0.42 0.00	46.79 0.33 0.00	47.48 0.09 0.00	64.50 0.17 -6.44	94.39 0.16 -15.04	123.42 0.59 -25.02	117.19 0.84 -32.28	105.03 2.17 -25.41	89.47 2.32 -18.83	56.12 1.82 -2.40	47.66 1.16 0.00	43.79 0.60 0.00
DANSKAMMER___1 23586	40.47 2.66 -3.75	38.68 2.28 -5.55	37.76 1.94 -9.27	35.91 1.83 -8.70	35.16 1.75 -8.80	37.07 1.98 -6.85	39.69 2.42 -3.25	40.83 2.64 -2.95	43.66 2.53 -5.55	44.54 2.79 -5.01	54.28 3.47 -7.91	57.50 3.51 -11.19	74.19 3.81 -23.97	76.00 4.00 -25.54	86.99 4.65 -34.97	111.72 6.13 -47.71	131.89 8.39 -44.31	143.11 10.47 -34.83	117.31 8.82 -24.42	98.91 7.44 -14.01	83.11 5.74 -9.05	60.01 4.36 -3.75	54.58 3.72 -4.36	46.34 3.15 0.00
DANSKAMMER___2 23589	40.47 2.66 -3.75	38.68 2.28 -5.55	37.76 1.94 -9.27	35.91 1.83 -8.70	35.16 1.75 -8.80	37.07 1.98 -6.85	39.69 2.42 -3.25	40.83 2.64 -2.95	43.66 2.53 -5.55	44.54 2.79 -5.01	54.28 3.47 -7.91	57.50 3.51 -11.19	74.19 3.81 -23.97	76.00 4.00 -25.54	86.99 4.65 -34.97	111.72 6.13 -47.71	131.89 8.39 -44.31	143.11 10.47 -34.83	117.31 8.82 -24.42	98.91 7.44 -14.01	83.11 5.74 -9.05	60.01 4.36 -3.75	54.58 3.72 -4.36	46.34 3.15 0.00
DANSKAMMER___3 23590	40.47 2.66 -3.75	38.68 2.28 -5.55	37.76 1.94 -9.27	35.91 1.83 -8.70	35.16 1.75 -8.80	37.07 1.98 -6.85	39.69 2.42 -3.25	40.83 2.64 -2.95	43.66 2.53 -5.55	44.54 2.79 -5.01	54.28 3.47 -7.91	57.50 3.51 -11.19	74.19 3.81 -23.97	76.00 4.00 -25.54	86.99 4.65 -34.97	111.72 6.13 -47.71	131.89 8.39 -44.31	143.11 10.47 -34.83	117.31 8.82 -24.42	98.91 7.44 -14.01	83.11 5.74 -9.05	60.01 4.36 -3.75	54.58 3.72 -4.36	46.34 3.15 0.00
DANSKAMMER___4 23591	40.47 2.66 -3.75	38.68 2.28 -5.55	37.76 1.94 -9.27	35.91 1.83 -8.70	35.16 1.75 -8.80	37.07 1.98 -6.85	39.69 2.42 -3.25	40.83 2.64 -2.95	43.66 2.53 -5.55	44.54 2.79 -5.01	54.28 3.47 -7.91	57.50 3.51 -11.19	74.19 3.81 -23.97	76.00 4.00 -25.54	86.99 4.65 -34.97	111.72 6.13 -47.71	131.89 8.39 -44.31	143.11 10.47 -34.83	117.31 8.82 -24.42	98.91 7.44 -14.01	83.11 5.74 -9.05	60.01 4.36 -3.75	54.58 3.72 -4.36	46.34 3.15 0.00
DANSKAMMER___DIESEL 23592	40.47 2.66 -3.75	38.68 2.28 -5.55	37.76 1.94 -9.27	35.90 1.83 -8.70	35.16 1.75 -8.80	37.07 1.98 -6.85	39.69 2.42 -3.25	40.83 2.64 -2.95	43.66 2.53 -5.55	44.54 2.79 -5.01	54.28 3.47 -7.91	57.50 3.51 -11.19	74.19 3.81 -23.97	76.04 4.04 -25.53	86.99 4.64 -34.97	111.71 6.14 -47.70	131.88 8.39 -44.30	143.00 10.37 -34.82	117.31 8.83 -24.41	98.91 7.44 -14.01	83.10 5.74 -9.05	60.07 4.41 -3.75	54.53 3.67 -4.35	46.34 3.15 0.00
DARBY___SOLAR 323810	48.03 2.45 -11.51	42.52 2.22 -9.46	40.57 1.75 -12.26	38.56 1.67 -11.51	37.90 1.65 -11.63	39.25 1.95 -9.06	40.79 2.38 -4.38	41.64 2.50 -3.91	55.20 2.56 -17.05	54.06 2.72 -14.60	70.33 3.13 -24.32	80.40 3.21 -34.38	125.35 3.53 -75.41	132.04 3.44 -82.14	164.80 3.41 -114.00	128.00 3.99 -66.13	147.51 5.62 -62.70	155.12 6.74 -50.56	139.57 6.31 -49.19	126.48 5.97 -43.06	101.60 5.47 -27.81	67.63 4.20 -11.53	63.42 3.53 -13.38	46.30 3.11 0.00
DASHVILLE___HYD 23610	40.23 1.81 -4.36	38.23 1.48 -5.90	37.45 1.30 -9.60	35.60 1.22 -9.01	34.88 1.16 -9.11	36.63 1.30 -7.09	39.01 1.60 -3.38	40.12 1.83 -3.06	43.75 1.71 -6.46	45.24 2.61 -5.89	54.67 2.57 -9.21	58.48 2.65 -13.02	76.50 2.83 -27.26	77.87 3.02 -28.39	85.53 3.84 -34.32	111.86 6.02 -47.96	129.79 8.16 -42.45	139.72 10.07 -31.84	115.88 7.23 -24.58	99.43 5.65 -16.31	82.95 4.10 -10.54	59.38 3.11 -4.37	54.08 2.51 -5.07	45.56 2.38 0.00

DEERFIELD_69_KV_DEERFIELD LD 355887	56.25 5.04 -17.14	41.41 4.29 -6.28	39.51 3.69 -9.27	37.48 3.40 -8.70	36.68 3.27 -8.80	38.84 3.76 -6.85	42.39 4.87 -3.49	45.29 5.46 -4.60	54.52 5.87 -13.07	70.67 6.28 -27.65	80.74 7.25 -30.60	81.95 7.15 -32.00	93.65 7.19 -40.04	131.50 7.57 -77.47	145.88 8.43 -90.07	279.32 11.11 -210.32	279.27 15.12 -184.96	284.21 17.61 -168.79	301.06 15.97 -201.02	191.22 13.94 -99.82	122.08 11.34 -42.43	96.86 8.62 -36.34	90.51 7.35 -36.66	85.21 6.74 -35.28
DELAWARE___LFGE 323621	38.23 1.50 -2.66	34.63 1.36 -2.43	31.11 1.19 -3.36	29.64 1.12 -3.15	28.88 1.08 -3.19	31.99 1.27 -2.48	36.75 1.60 -1.12	37.89 1.59 -1.07	41.20 1.67 -3.95	41.22 1.76 -2.72	50.62 2.10 -5.63	52.90 2.14 -7.95	65.77 2.32 -17.04	66.94 2.32 -18.15	73.58 2.42 -23.79	77.43 3.01 -16.54	98.29 4.04 -15.07	114.93 4.99 -12.14	99.43 4.46 -10.91	91.84 4.42 -9.96	78.97 3.96 -6.70	57.58 3.01 -2.67	51.97 2.37 -3.10	45.13 1.94 0.00
DERFIELD_115KV_TB7 355931	34.20 0.14 0.00	30.97 0.12 0.00	26.66 0.11 0.00	25.47 0.10 0.00	24.71 0.10 0.00	28.35 0.11 0.00	34.20 0.17 0.00	35.41 0.18 0.00	35.76 0.18 0.00	36.89 0.15 0.00	43.06 0.17 0.00	43.02 0.21 0.00	46.65 0.23 0.00	46.70 0.23 0.00	47.62 0.24 0.00	58.17 0.29 0.00	79.58 0.40 0.00	98.30 0.49 0.00	88.48 0.50 -3.90	81.16 0.46 -3.23	70.92 0.41 -2.19	52.62 0.42 -0.31	46.78 0.28 0.00	43.40 0.22 0.00
DOGLEVILLE___HYD 23807	33.49 -0.58 0.00	30.29 -0.55 0.00	26.08 -0.48 0.00	24.84 -0.53 0.00	24.12 -0.49 0.00	27.70 -0.54 0.00	33.42 -0.61 0.00	34.56 -0.67 0.00	34.90 -0.68 0.00	36.01 -0.73 0.00	42.33 -0.56 0.00	42.33 -0.47 0.00	45.86 -0.55 0.00	45.82 -0.65 0.00	46.29 -1.09 0.00	56.32 -1.56 0.00	77.13 -2.06 0.00	95.37 -2.44 0.00	85.95 -2.02 -3.90	79.14 -1.55 -3.23	69.41 -1.10 -2.19	51.48 -0.73 -0.31	45.85 -0.65 0.00	42.49 -0.69 0.00
DUNKIRK___115KV_TB_200 55889	34.77 0.10 -0.61	31.52 -0.22 -0.90	27.78 -0.27 -1.49	26.50 -0.28 -1.40	25.71 -0.32 -1.42	28.89 -0.45 -1.10	34.13 -0.41 -0.51	35.29 -0.42 -0.47	36.51 0.04 -0.90	37.30 -0.11 -0.66	44.25 0.09 -1.27	44.86 0.26 -1.80	50.65 0.37 -3.86	51.74 1.16 -4.11	54.29 1.52 -5.39	67.53 2.32 -7.33	89.04 3.17 -6.68	106.35 3.42 -5.12	91.02 3.36 -3.59	83.28 3.56 -2.26	73.80 4.03 -1.46	55.67 3.17 -0.60	48.97 1.77 -0.70	45.00 1.81 0.00
DUNKIRK___1 23563	34.77 0.10 -0.61	31.52 -0.22 -0.90	27.78 -0.27 -1.49	26.50 -0.28 -1.40	25.71 -0.32 -1.42	28.89 -0.45 -1.10	34.13 -0.41 -0.51	35.29 -0.42 -0.47	36.51 0.04 -0.90	37.30 -0.11 -0.66	44.25 0.09 -1.27	44.86 0.26 -1.80	50.65 0.37 -3.86	51.74 1.16 -4.11	54.29 1.52 -5.39	67.53 2.32 -7.33	89.04 3.17 -6.68	106.35 3.42 -5.12	91.02 3.36 -3.59	83.28 3.56 -2.26	73.80 4.03 -1.46	55.67 3.17 -0.60	48.97 1.77 -0.70	45.00 1.81 0.00
DUNKIRK___2 23564	34.77 0.10 -0.61	31.52 -0.22 -0.90	27.78 -0.27 -1.49	26.50 -0.28 -1.40	25.71 -0.32 -1.42	28.89 -0.45 -1.10	34.13 -0.41 -0.51	35.29 -0.42 -0.47	36.51 0.04 -0.90	37.30 -0.11 -0.66	44.25 0.09 -1.27	44.86 0.26 -1.80	50.65 0.37 -3.86	51.74 1.16 -4.11	54.29 1.52 -5.39	67.53 2.32 -7.33	89.04 3.17 -6.68	106.35 3.42 -5.12	91.02 3.36 -3.59	83.28 3.56 -2.26	73.80 4.03 -1.46	55.67 3.17 -0.60	48.97 1.77 -0.70	45.00 1.81 0.00
DUNKIRK___3 23565	34.70 0.03 -0.61	31.46 -0.28 -0.89	27.75 -0.29 -1.49	26.44 -0.33 -1.40	25.66 -0.37 -1.41	28.83 -0.51 -1.10	34.03 -0.51 -0.51	35.18 -0.53 -0.47	36.37 -0.11 -0.89	37.11 -0.29 -0.66	44.07 -0.09 -1.27	44.68 0.09 -1.80	50.50 0.23 -3.85	51.50 0.93 -4.10	54.04 1.28 -5.38	67.11 1.91 -7.32	88.39 2.53 -6.67	105.56 2.64 -5.11	90.34 2.69 -3.58	82.58 2.87 -2.25	73.18 3.42 -1.45	55.15 2.65 -0.60	48.50 1.30 -0.70	44.61 1.43 0.00
DUNKIRK___4 23566	34.70 0.03 -0.61	31.46 -0.28 -0.89	27.75 -0.29 -1.49	26.44 -0.33 -1.40	25.66 -0.37 -1.41	28.83 -0.51 -1.10	34.03 -0.51 -0.51	35.18 -0.53 -0.47	36.37 -0.11 -0.89	37.11 -0.29 -0.66	44.07 -0.09 -1.27	44.68 0.09 -1.80	50.50 0.23 -3.85	51.50 0.93 -4.10	54.04 1.28 -5.38	67.11 1.91 -7.32	88.39 2.53 -6.67	105.56 2.64 -5.11	90.34 2.69 -3.58	82.58 2.87 -2.25	73.18 3.42 -1.45	55.15 2.65 -0.60	48.50 1.30 -0.70	44.61 1.43 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	40.37 2.59 -3.71	38.54 2.16 -5.54	37.73 1.91 -9.27	35.90 1.83 -8.70	35.13 1.72 -8.79	37.04 1.95 -6.85	40.00 2.48 -3.49	41.04 2.85 -2.95	43.93 2.85 -5.50	47.03 3.12 -7.17	54.29 3.56 -7.84	57.32 3.42 -11.09	73.94 3.62 -23.90	76.12 4.04 -25.61	87.50 4.88 -35.24	132.98 6.48 -68.62	160.51 8.79 -72.54	174.78 10.76 -66.22	140.65 9.25 -47.33	98.63 7.28 -13.89	82.96 5.67 -8.97	59.82 4.20 -3.72	54.40 3.58 -4.32	46.38 3.20 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	39.88 2.21 -3.60	38.06 1.88 -5.34	37.08 1.62 -8.91	35.26 1.52 -8.36	34.52 1.45 -8.45	36.46 1.64 -6.59	38.88 2.01 -2.84	40.33 2.25 -2.84	43.08 2.17 -5.34	41.48 2.46 -2.28	53.46 2.96 -7.61	56.51 2.95 -10.76	72.61 3.16 -23.04	74.40 3.39 -24.55	84.81 3.98 -33.45	101.47 5.38 -38.21	118.75 7.29 -32.28	128.95 9.00 -22.14	107.06 7.65 -15.34	97.21 6.27 -13.47	81.87 4.85 -8.70	59.19 3.69 -3.61	53.76 3.07 -4.19	45.82 2.63 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	40.68 2.90 -3.72	38.80 2.41 -5.55	37.89 2.07 -9.27	36.03 1.95 -8.70	35.25 1.85 -8.79	37.01 1.92 -6.85	39.90 2.38 -3.49	41.01 2.82 -2.95	43.75 2.67 -5.50	46.89 2.98 -7.17	54.03 3.30 -7.84	57.05 3.17 -11.08	73.70 3.39 -23.89	75.83 3.76 -25.60	87.30 4.69 -35.23	132.71 6.19 -68.63	160.29 8.55 -72.55	174.71 10.66 -66.24	140.43 9.00 -47.36	98.24 6.89 -13.88	82.40 5.12 -8.96	59.62 4.00 -3.73	54.27 3.44 -4.32	46.43 3.24 -0.01
E179THST_13_KV_LOAD 356214	40.92 3.13 -3.72	38.98 2.59 -5.55	38.05 2.23 -9.27	36.18 2.11 -8.70	35.40 1.99 -8.79	37.18 2.09 -6.85	40.14 2.62 -3.49	41.25 3.07 -2.95	44.00 2.92 -5.50	47.14 3.23 -7.17	54.33 3.60 -7.84	57.39 3.51 -11.08	74.07 3.76 -23.89	76.21 4.14 -25.60	87.68 5.07 -35.23	133.23 6.71 -68.63	161.08 9.34 -72.55	175.59 11.54 -66.24	141.18 9.75 -47.36	98.93 7.59 -13.88	83.02 5.74 -8.96	60.04 4.41 -3.73	54.64 3.81 -4.32	46.74 3.54 -0.01
EAST HAMPTON___GT 23717	56.97 5.76 -17.14	42.03 4.90 -6.28	40.05 4.22 -9.28	38.01 3.93 -8.70	37.23 3.82 -8.80	39.39 4.29 -6.86	43.11 5.58 -3.50	46.07 6.24 -4.60	55.37 6.73 -13.07	71.59 7.20 -27.65	81.94 8.45 -30.60	83.23 8.43 -32.00	94.68 8.22 -40.05	132.49 8.55 -77.47	147.01 9.53 -90.11	281.20 12.90 -210.41	281.90 17.58 -185.13	286.66 19.85 -169.00	303.92 18.58 -201.27	193.73 16.42 -99.84	124.07 13.32 -42.43	98.11 9.86 -36.35	91.91 8.74 -36.67	86.29 7.82 -35.29
EAST RIVER___6 23660	40.64 2.86 -3.71	38.70 2.31 -5.54	37.86 2.04 -9.27	36.03 1.95 -8.70	35.23 1.82 -8.79	37.12 2.03 -6.85	40.14 2.62 -3.49	41.29 3.10 -2.95	44.17 3.09 -5.50	47.25 3.34 -7.17	54.38 3.64 -7.84	57.36 3.47 -11.09	73.98 3.67 -23.90	76.12 4.04 -25.61	87.69 5.07 -35.24	133.42 6.88 -68.65	161.18 9.42 -72.58	175.70 11.63 -66.26	141.10 9.66 -47.36	98.86 7.51 -13.89	83.02 5.74 -8.97	59.77 4.15 -3.72	54.49 3.67 -4.32	46.51 3.33 0.00

EAST RIVER___7 23524	40.64 2.86 -3.71	38.70 2.31 -5.54	37.86 2.04 -9.27	36.03 1.95 -8.70	35.23 1.82 -8.79	37.12 2.03 -6.85	40.14 2.62 -3.49	41.29 3.10 -2.95	44.17 3.09 -5.50	47.25 3.34 -7.17	54.38 3.64 -7.84	57.36 3.47 -11.09	73.98 3.67 -23.90	76.12 4.04 -25.61	87.69 5.07 -35.24	133.42 6.88 -68.65	161.18 9.42 -72.58	175.70 11.63 -66.26	141.10 9.66 -47.36	98.86 7.51 -13.89	83.02 5.74 -8.97	59.77 4.15 -3.72	54.49 3.67 -4.32	46.51 3.33 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	40.25 2.49 -3.70	38.43 2.07 -5.52	37.60 1.81 -9.24	35.77 1.73 -8.68	35.03 1.65 -8.77	36.93 1.86 -6.83	39.85 2.35 -3.47	40.89 2.71 -2.94	43.77 2.70 -5.49	46.83 3.01 -7.07	54.10 3.39 -7.82	57.16 3.30 -11.06	73.73 3.48 -23.84	75.91 3.90 -25.54	87.21 4.69 -35.14	134.07 6.25 -69.94	162.04 8.47 -74.38	176.49 10.37 -68.31	141.86 8.91 -48.88	98.28 6.97 -13.85	82.66 5.40 -8.95	59.66 4.05 -3.71	54.25 3.44 -4.30	46.21 3.02 0.00
EAST_HAMPTON___DIESEL 23722	56.97 5.76 -17.14	42.03 4.90 -6.28	40.08 4.25 -9.28	38.01 3.93 -8.70	37.23 3.82 -8.80	39.39 4.29 -6.86	43.11 5.58 -3.50	46.07 6.24 -4.60	55.41 6.76 -13.07	71.63 7.24 -27.65	81.98 8.49 -30.60	83.23 8.43 -32.00	94.72 8.26 -40.05	132.53 8.59 -77.47	147.06 9.57 -90.11	281.19 12.90 -210.41	281.90 17.58 -185.12	286.75 19.95 -168.99	303.99 18.67 -201.26	193.73 16.42 -99.84	124.07 13.32 -42.43	98.11 9.86 -36.35	91.91 8.74 -36.67	86.33 7.86 -35.29
EAST_PULASKI___ESR 323781	33.86 -0.20 0.00	31.09 -0.06 -0.31	27.14 -0.08 -0.67	25.93 -0.08 -0.63	25.18 -0.07 -0.64	28.68 -0.06 -0.49	34.16 -0.10 -0.23	35.19 -0.25 -0.21	35.29 -0.28 0.00	36.41 -0.33 0.00	42.55 -0.34 0.00	42.59 -0.21 0.00	46.32 -0.09 0.00	46.33 -0.14 0.00	47.14 -0.24 0.00	62.84 -0.12 -5.07	88.32 -0.40 -9.53	115.20 -0.29 -17.68	102.55 0.00 -18.48	91.69 0.54 -13.69	80.59 0.75 -11.53	53.82 0.62 -1.29	46.69 0.19 0.00	43.10 -0.09 0.00
EAST_RIVER___1 323558	40.50 2.73 -3.71	38.63 2.25 -5.54	37.81 1.99 -9.27	35.98 1.90 -8.70	35.20 1.80 -8.79	37.09 2.01 -6.85	40.04 2.52 -3.49	41.15 2.96 -2.95	44.03 2.95 -5.50	47.14 3.23 -7.17	54.38 3.64 -7.84	57.40 3.51 -11.09	74.03 3.71 -23.90	76.12 4.04 -25.61	87.59 4.97 -35.24	133.24 6.71 -68.65	160.87 9.10 -72.58	175.31 11.24 -66.26	140.85 9.41 -47.36	98.79 7.44 -13.89	82.95 5.67 -8.97	59.77 4.15 -3.72	54.45 3.63 -4.32	46.47 3.28 0.00
EAST_RIVER___2 323559	40.64 2.86 -3.71	38.70 2.31 -5.54	37.86 2.04 -9.27	36.03 1.95 -8.70	35.23 1.82 -8.79	37.12 2.03 -6.85	40.14 2.62 -3.49	41.29 3.10 -2.95	44.17 3.09 -5.50	47.25 3.34 -7.17	54.38 3.64 -7.84	57.36 3.47 -11.09	73.98 3.67 -23.90	76.12 4.04 -25.61	87.69 5.07 -35.24	133.42 6.88 -68.65	161.18 9.42 -72.58	175.70 11.63 -66.26	141.10 9.66 -47.36	98.86 7.51 -13.89	83.02 5.74 -8.97	59.77 4.15 -3.72	54.49 3.67 -4.32	46.51 3.33 0.00
EAST___DELAWARE_HYD 23607	39.42 1.94 -3.42	37.32 1.60 -4.87	35.98 1.38 -8.04	34.19 1.27 -7.55	33.48 1.23 -7.63	35.57 1.38 -5.95	38.32 1.67 -2.63	40.09 2.29 -2.56	42.85 2.21 -5.06	42.00 2.46 -2.79	53.33 3.22 -7.22	56.39 3.38 -10.21	71.80 3.71 -21.67	71.86 2.51 -22.89	79.85 2.99 -29.48	97.91 4.22 -35.80	114.25 4.75 -30.31	124.97 6.07 -21.09	104.71 5.13 -15.51	94.58 4.34 -12.78	79.65 3.08 -8.26	58.86 3.53 -3.42	53.31 2.84 -3.97	45.47 2.29 0.00
EIGHT_POINT___WT_PWR 323820	35.22 0.41 -0.74	32.04 0.12 -1.07	28.38 0.05 -1.78	27.04 0.00 -1.67	26.28 -0.02 -1.69	29.52 -0.03 -1.31	34.62 0.00 -0.59	35.70 -0.11 -0.57	36.89 0.21 -1.10	37.48 0.07 -0.67	44.72 0.26 -1.57	45.53 0.52 -2.22	52.00 0.84 -4.75	52.64 1.11 -5.06	55.24 1.23 -6.63	68.62 1.97 -8.77	89.95 2.77 -7.99	107.91 3.33 -6.77	92.22 3.69 -4.45	84.26 4.03 -2.78	74.70 4.31 -2.08	55.92 3.27 -0.74	49.27 1.91 -0.86	45.00 1.81 0.00
ELBRIDGE_115KV_TB2 80188	34.49 0.07 -0.36	31.50 0.09 -0.56	27.57 0.05 -0.96	26.33 0.05 -0.90	25.55 0.02 -0.91	29.00 0.06 -0.71	34.46 0.10 -0.33	35.57 0.04 -0.30	36.13 0.04 -0.52	37.16 0.04 -0.38	43.75 0.13 -0.73	44.05 0.21 -1.04	48.97 0.32 -2.23	49.16 0.33 -2.37	50.82 0.33 -3.11	63.16 0.64 -4.64	84.21 0.79 -4.23	105.35 0.88 -6.66	91.88 1.01 -6.80	82.98 0.93 -4.59	73.85 0.96 -4.58	53.24 0.67 -0.66	47.23 0.33 -0.40	43.32 0.13 0.00
ELEC_TRO_TEK 24086	54.34 3.13 -17.14	39.71 2.59 -6.28	38.13 2.31 -9.27	36.23 2.16 -8.70	35.50 2.09 -8.80	37.46 2.37 -6.85	40.48 2.96 -3.49	43.15 3.31 -4.60	51.98 3.34 -13.06	67.98 3.60 -27.64	77.42 3.99 -30.54	78.59 3.85 -31.94	81.74 4.04 -31.29	96.90 4.37 -46.07	99.73 5.21 -47.13	133.30 6.95 -68.47	160.95 9.42 -72.34	175.34 11.54 -65.99	141.07 9.84 -47.17	99.33 7.98 -13.89	83.66 6.35 -8.99	80.80 4.72 -24.17	78.85 4.19 -28.17	75.69 3.80 -28.70
ELLENBURG_WT_PWR 323604	32.91 -1.16 0.00	29.64 -1.20 0.00	25.44 -1.11 0.00	24.51 -0.86 0.00	23.68 -0.94 0.00	27.19 -1.04 0.00	32.57 -1.46 0.00	33.72 -1.51 0.00	34.15 -1.42 0.00	34.87 -1.87 0.00	40.14 -2.75 0.00	39.68 -3.12 0.00	42.75 -3.67 0.00	43.30 -3.16 0.00	43.87 -3.51 0.00	47.73 -4.46 5.70	54.11 -5.23 19.85	60.66 -6.26 30.89	60.15 -5.29 18.62	57.79 -4.26 15.41	54.15 -3.69 10.47	47.59 -2.85 1.46	44.32 -2.18 0.00	41.29 -1.90 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	34.64 0.00 -0.57	31.47 -0.22 -0.85	27.73 -0.24 -1.42	26.43 -0.28 -1.33	25.64 -0.32 -1.35	28.81 -0.48 -1.05	33.97 -0.54 -0.48	35.01 -0.67 -0.45	36.03 -0.39 -0.84	36.74 -0.62 -0.62	43.66 -0.43 -1.20	44.24 -0.26 -1.70	49.91 -0.14 -3.63	50.80 0.46 -3.87	53.16 0.71 -5.07	66.23 1.39 -6.96	87.11 1.58 -6.34	104.04 1.37 -4.86	89.14 1.68 -3.39	81.29 1.70 -2.12	72.08 2.39 -1.37	54.29 1.82 -0.57	47.77 0.60 -0.66	44.05 0.86 0.00
EMPIRE_CC_1 323656	41.26 1.43 -5.76	39.33 1.30 -7.19	39.02 1.09 -11.38	37.10 1.04 -10.68	36.42 1.01 -10.80	37.81 1.16 -8.41	39.58 1.43 -4.11	40.34 1.48 -3.63	45.61 1.49 -8.54	46.90 1.54 -8.61	56.86 1.80 -12.17	61.77 1.76 -17.21	87.73 1.81 -39.51	93.12 1.86 -44.80	114.11 2.23 -64.50	123.65 2.72 -63.05	143.35 3.72 -60.44	151.72 4.50 -49.40	125.19 3.95 -37.17	102.19 3.18 -21.55	84.83 2.60 -13.92	59.80 2.13 -5.77	55.06 1.86 -6.70	44.92 1.73 0.00
EMPIRE_CC_2 323658	41.26 1.43 -5.76	39.33 1.30 -7.19	39.02 1.09 -11.38	37.10 1.04 -10.68	36.42 1.01 -10.80	37.81 1.16 -8.41	39.58 1.43 -4.11	40.34 1.48 -3.63	45.61 1.49 -8.54	46.90 1.54 -8.61	56.86 1.80 -12.17	61.77 1.76 -17.21	87.73 1.81 -39.51	93.12 1.86 -44.80	114.11 2.23 -64.50	123.65 2.72 -63.05	143.35 3.72 -60.44	151.72 4.50 -49.40	125.19 3.95 -37.17	102.19 3.18 -21.55	84.83 2.60 -13.92	59.80 2.13 -5.77	55.06 1.86 -6.70	44.92 1.73 0.00
ENORWICH_115KV_TB1 80156	37.98 2.45 -1.46	34.57 2.07 -1.67	30.85 1.75 -2.55	29.34 1.57 -2.39	28.58 1.55 -2.42	32.01 1.89 -1.88	37.39 2.52 -0.84	38.47 2.43 -0.81	40.30 2.56 -2.16	40.69 2.54 -1.41	49.10 3.13 -3.08	50.58 3.42 -4.35	59.73 3.99 -9.33	60.30 3.90 -9.93	63.58 3.17 -13.02	74.58 4.17 -12.53	96.38 5.78 -11.41	115.58 7.73 -10.04	98.80 7.48 -7.25	92.36 9.45 -5.45	81.08 8.68 -4.09	59.90 6.54 -1.46	53.03 4.84 -1.69	46.90 3.71 0.00

ERIE_ST__34_KV_TB1-2 80199	34.93 0.27 -0.60	31.29 -0.43 -0.88	27.57 -0.45 -1.47	26.27 -0.48 -1.38	25.49 -0.52 -1.40	28.62 -0.71 -1.09	33.78 -0.75 -0.50	34.89 -0.81 -0.47	36.49 0.04 -0.88	37.21 -0.18 -0.65	44.27 0.13 -1.25	44.96 0.39 -1.77	50.76 0.56 -3.79	51.81 1.30 -4.04	54.29 1.61 -5.29	66.78 1.68 -7.22	87.75 1.98 -6.58	104.71 1.86 -5.04	89.61 2.02 -3.53	82.62 2.94 -2.22	73.09 3.35 -1.43	55.04 2.54 -0.59	48.35 1.16 -0.69	44.52 1.34 0.00
ERIE_WT_PWR 323693	34.79 0.14 -0.59	31.53 -0.18 -0.87	27.79 -0.21 -1.45	26.48 -0.25 -1.36	25.70 -0.29 -1.38	28.86 -0.45 -1.07	34.02 -0.51 -0.49	35.10 -0.60 -0.46	36.23 -0.21 -0.87	37.02 -0.37 -0.64	43.95 -0.17 -1.24	44.59 0.04 -1.75	50.44 0.28 -3.74	51.10 0.65 -3.99	53.69 1.09 -5.22	66.72 1.68 -7.16	87.69 1.98 -6.53	104.66 1.85 -5.00	89.66 2.10 -3.49	81.97 2.32 -2.19	72.66 2.94 -1.41	54.77 2.28 -0.59	48.02 0.84 -0.68	44.35 1.17 0.00
ESPRGFLD_115KV_TB1 80157	45.29 2.96 -8.26	34.94 2.65 -1.44	26.20 2.26 2.61	25.03 2.11 2.45	24.20 2.07 2.48	28.76 2.46 1.93	36.38 3.13 0.78	37.61 3.21 0.83	51.17 3.34 -12.25	50.27 3.49 -10.04	64.42 4.07 -17.46	71.68 4.19 -24.69	104.40 4.60 -53.39	108.47 4.60 -57.40	128.52 4.36 -76.78	52.89 5.21 10.20	78.21 7.13 8.10	101.82 9.00 4.98	108.24 8.15 -16.02	116.90 8.52 -30.91	96.48 8.20 -19.97	66.20 6.02 -8.28	60.85 4.74 -9.61	47.16 3.97 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	35.83 0.92 -0.84	32.84 0.83 -1.17	29.12 0.66 -1.91	27.77 0.61 -1.79	27.01 0.59 -1.81	30.38 0.73 -1.41	35.61 0.95 -0.63	36.75 0.92 -0.60	37.75 0.93 -1.24	38.42 0.92 -0.76	45.86 1.20 -1.77	46.54 1.24 -2.50	53.26 1.49 -5.36	53.75 1.58 -5.71	56.38 1.52 -7.48	69.37 2.14 -9.35	90.63 2.93 -8.51	110.05 3.91 -8.32	92.89 3.78 -5.04	84.55 3.95 -3.13	74.75 3.62 -2.82	55.39 2.65 -0.84	49.29 1.81 -0.97	44.61 1.43 0.00
ETNA____115KV_TB2 80207	35.83 0.92 -0.84	32.84 0.83 -1.17	29.12 0.66 -1.91	27.77 0.61 -1.79	27.01 0.59 -1.81	30.38 0.73 -1.41	35.61 0.95 -0.63	36.75 0.92 -0.60	37.75 0.93 -1.24	38.42 0.92 -0.76	45.86 1.20 -1.77	46.54 1.24 -2.50	53.26 1.49 -5.36	53.75 1.58 -5.71	56.38 1.52 -7.48	69.37 2.14 -9.35	90.63 2.93 -8.51	110.05 3.91 -8.32	92.89 3.78 -5.04	84.55 3.95 -3.13	74.75 3.62 -2.82	55.39 2.65 -0.84	49.29 1.81 -0.97	44.61 1.43 0.00
EUCLID____115KV_TB2 356179	33.76 -0.31 0.00	30.95 -0.25 -0.36	27.08 -0.24 -0.76	25.89 -0.20 -0.72	25.14 -0.20 -0.72	28.55 -0.25 -0.56	34.02 -0.27 -0.26	35.16 -0.32 -0.24	35.26 -0.32 0.00	36.45 -0.29 0.00	42.67 -0.21 0.00	42.67 -0.13 0.00	46.37 -0.05 0.00	46.42 -0.05 0.00	47.33 -0.05 0.00	61.75 0.17 -3.70	82.63 0.08 -3.37	101.87 0.00 -4.06	90.78 0.17 -6.55	81.84 0.15 -4.22	72.04 0.20 -3.52	52.46 0.16 -0.40	46.32 -0.19 0.00	42.88 -0.30 0.00
E_CANADA_CAP_HY 24051	48.23 3.88 -10.28	44.69 3.48 -10.36	44.45 2.87 -15.03	42.22 2.74 -14.11	41.56 2.68 -14.26	42.54 3.19 -11.11	43.27 3.98 -5.25	44.11 4.09 -4.79	55.05 4.23 -15.24	53.76 4.33 -12.68	69.63 5.02 -21.72	78.57 5.05 -30.72	118.44 5.57 -66.46	123.53 5.57 -71.49	148.36 5.31 -95.68	142.17 6.20 -78.09	160.66 8.63 -72.84	166.33 10.95 -57.57	143.06 9.83 -49.16	125.99 10.07 -38.46	103.21 10.05 -24.85	69.57 7.37 -10.30	64.36 5.91 -11.95	48.37 5.18 0.00
E_CANADA_MHWK_HY 24050	33.49 -0.58 0.00	30.29 -0.55 0.00	26.08 -0.48 0.00	24.84 -0.53 0.00	24.12 -0.49 0.00	27.70 -0.54 0.00	33.42 -0.61 0.00	34.56 -0.67 0.00	34.90 -0.68 0.00	36.01 -0.73 0.00	42.33 -0.56 0.00	42.33 -0.47 0.00	45.86 -0.55 0.00	45.82 -0.65 0.00	46.29 -1.09 0.00	56.32 -1.56 0.00	77.13 -2.06 0.00	95.37 -2.44 0.00	85.95 -2.02 -3.90	79.14 -1.55 -3.23	69.41 -1.10 -2.19	51.48 -0.73 -0.31	45.85 -0.65 0.00	42.49 -0.69 0.00
E_FISHKILL____LBMP 23776	40.09 2.21 -3.81	38.41 1.88 -5.69	37.72 1.65 -9.52	35.88 1.57 -8.94	35.15 1.50 -9.03	36.97 1.69 -7.04	39.80 2.11 -3.66	40.66 2.40 -3.03	43.61 2.38 -5.65	47.46 2.61 -8.11	53.94 3.00 -8.05	57.09 2.91 -11.38	74.01 3.06 -24.53	76.10 3.35 -26.29	87.58 4.03 -36.17	119.58 5.33 -56.37	141.86 7.21 -55.47	153.34 8.80 -46.73	124.50 7.57 -32.87	97.68 5.96 -14.25	82.17 4.65 -9.21	59.25 3.53 -3.82	53.95 3.02 -4.43	45.86 2.68 0.00
FALCON____SEABRD_CC1 323796	33.25 -0.82 0.00	29.92 -0.92 0.00	25.70 -0.85 0.00	24.71 -0.66 0.00	23.93 -0.69 0.00	27.48 -0.76 0.00	32.94 -1.09 0.00	34.11 -1.13 0.00	34.55 -1.03 0.00	34.83 -1.91 0.00	39.72 -3.17 0.00	39.12 -3.68 0.00	42.05 -4.36 0.00	42.66 -3.81 0.00	43.21 -4.17 0.00	46.74 -5.38 5.76	52.70 -6.41 20.08	58.90 -7.63 31.28	58.44 -6.47 19.15	56.27 -5.34 15.85	52.90 -4.65 10.77	46.82 -3.58 1.50	43.62 -2.88 0.00	40.64 -2.55 0.00
FALCON____SEABRD_CC2 323797	33.25 -0.82 0.00	29.92 -0.92 0.00	25.70 -0.85 0.00	24.71 -0.66 0.00	23.93 -0.69 0.00	27.48 -0.76 0.00	32.94 -1.09 0.00	34.11 -1.13 0.00	34.55 -1.03 0.00	34.83 -1.91 0.00	39.72 -3.17 0.00	39.12 -3.68 0.00	42.05 -4.36 0.00	42.66 -3.81 0.00	43.21 -4.17 0.00	46.74 -5.38 5.76	52.70 -6.41 20.08	58.90 -7.63 31.28	58.44 -6.47 19.15	56.27 -5.34 15.85	52.90 -4.65 10.77	46.82 -3.58 1.50	43.62 -2.88 0.00	40.64 -2.55 0.00
FAR ROCKAWAY____4 23548	55.06 3.85 -17.14	40.36 3.24 -6.28	38.66 2.84 -9.27	36.74 2.66 -8.70	35.97 2.56 -8.80	38.03 2.94 -6.85	41.09 3.57 -3.49	43.60 3.77 -4.60	52.55 3.91 -13.06	68.61 4.23 -27.64	78.19 4.76 -30.54	79.45 4.71 -31.94	82.76 5.06 -31.29	98.11 5.58 -46.07	100.91 6.40 -47.13	134.81 8.45 -68.47	163.09 11.56 -72.34	178.08 14.28 -65.99	143.43 12.19 -47.17	101.35 9.99 -13.89	85.36 8.06 -8.99	82.04 5.97 -24.17	79.92 5.25 -28.17	76.55 4.66 -28.70
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	40.54 2.76 -3.71	38.63 2.25 -5.54	37.81 1.99 -9.27	36.00 1.93 -8.70	35.23 1.82 -8.79	37.12 2.03 -6.85	40.07 2.55 -3.49	41.18 2.99 -2.95	44.07 2.99 -5.50	47.22 3.31 -7.17	54.38 3.65 -7.84	57.40 3.51 -11.09	73.98 3.67 -23.90	76.21 4.14 -25.61	87.59 4.97 -35.23	133.24 6.71 -68.64	160.86 9.11 -72.57	175.31 11.25 -66.25	140.93 9.50 -47.36	98.86 7.51 -13.89	83.02 5.74 -8.97	59.88 4.26 -3.72	54.49 3.67 -4.32	46.47 3.28 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	40.54 2.76 -3.71	38.63 2.25 -5.54	37.84 2.02 -9.27	36.00 1.93 -8.70	35.23 1.82 -8.79	37.12 2.03 -6.85	40.07 2.55 -3.49	41.18 2.99 -2.95	44.07 2.99 -5.50	47.18 3.27 -7.17	54.38 3.65 -7.84	57.40 3.51 -11.09	73.98 3.67 -23.90	76.17 4.09 -25.61	87.59 4.97 -35.23	133.24 6.71 -68.64	160.94 9.19 -72.57	175.31 11.25 -66.25	140.93 9.50 -47.36	98.86 7.51 -13.89	83.02 5.74 -8.97	59.88 4.26 -3.72	54.49 3.67 -4.32	46.51 3.33 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	40.50 2.73 -3.71	38.60 2.22 -5.54	37.81 1.99 -9.27	35.98 1.90 -8.70	35.20 1.80 -8.79	37.09 2.00 -6.85	40.07 2.55 -3.49	41.15 2.96 -2.95	44.03 2.95 -5.50	47.18 3.27 -7.17	54.33 3.60 -7.84	57.36 3.47 -11.09	73.94 3.62 -23.90	76.17 4.09 -25.61	87.54 4.93 -35.23	133.18 6.66 -68.64	160.78 9.03 -72.57	175.11 11.05 -66.25	140.84 9.42 -47.36	98.79 7.44 -13.89	82.89 5.60 -8.97	59.77 4.15 -3.72	54.44 3.63 -4.32	46.42 3.24 0.00

FARRAGUT___LBMP 323566	40.47 2.69 -3.71	38.57 2.19 -5.54	37.78 1.96 -9.27	35.95 1.88 -8.70	35.18 1.77 -8.79	37.06 1.98 -6.85	40.00 2.48 -3.49	41.11 2.92 -2.95	44.00 2.92 -5.50	47.11 3.20 -7.17	54.29 3.56 -7.84	57.32 3.42 -11.09	73.84 3.53 -23.90	76.07 4.00 -25.61	87.49 4.88 -35.23	133.06 6.54 -68.64	160.70 8.95 -72.57	175.02 10.95 -66.25	140.68 9.25 -47.36	98.63 7.28 -13.89	82.82 5.53 -8.97	59.72 4.10 -3.72	54.40 3.58 -4.32	46.38 3.20 0.00
FENNER___WINDPWR 24204	35.22 0.75 -0.40	32.12 0.65 -0.63	28.15 0.53 -1.06	26.85 0.48 -1.00	26.11 0.49 -1.01	29.64 0.62 -0.78	35.24 0.85 -0.36	36.38 0.81 -0.34	37.06 0.89 -0.59	38.06 0.88 -0.44	44.89 1.16 -0.84	45.28 1.28 -1.19	50.50 1.53 -2.56	50.68 1.49 -2.73	52.18 1.23 -3.57	65.51 1.62 -6.01	88.90 2.30 -7.42	109.89 2.93 -9.15	96.83 2.69 -10.07	88.26 3.25 -7.55	77.02 3.00 -5.70	55.10 2.23 -0.97	48.59 1.63 -0.46	44.35 1.17 0.00
FIBERTEK___ENERGY 23856	34.53 0.14 -0.33	31.56 0.19 -0.53	27.57 0.11 -0.91	26.35 0.13 -0.85	25.57 0.10 -0.86	29.02 0.11 -0.67	34.51 0.17 -0.31	35.66 0.14 -0.28	35.72 0.14 0.00	36.89 0.15 0.00	43.27 0.39 0.00	43.23 0.43 0.00	47.02 0.60 0.00	47.07 0.60 0.00	47.71 0.33 0.00	62.91 0.64 -4.39	83.90 0.71 -4.00	104.77 0.68 -6.27	91.22 0.76 -6.39	81.89 0.77 -3.65	73.02 0.82 -3.89	52.87 0.62 -0.35	46.92 0.42 0.00	43.40 0.22 0.00
FITZPATRICK____ 23598	33.18 -0.89 0.00	30.32 -0.77 -0.25	26.42 -0.66 -0.53	25.21 -0.66 -0.50	24.48 -0.64 -0.51	27.90 -0.73 -0.39	33.33 -0.89 -0.18	34.49 -0.92 -0.17	34.65 -0.93 0.00	35.79 -0.96 0.00	41.82 -1.07 0.00	41.82 -0.98 0.00	45.39 -1.02 0.00	45.44 -1.02 0.00	46.34 -1.04 0.00	59.41 -1.10 -2.63	80.00 -1.58 -2.40	80.00 -2.06 15.75	80.00 -1.68 2.39	75.99 -1.47 0.00	59.37 -1.23 7.72	50.97 -0.93 0.00	45.43 -1.07 0.00	42.15 -1.04 0.00
FLOWRFLD_69_KV_BK1 356044	55.30 4.09 -17.14	40.55 3.42 -6.28	38.80 2.97 -9.27	36.82 2.74 -8.70	36.04 2.63 -8.80	38.11 3.02 -6.85	41.43 3.91 -3.49	44.24 4.40 -4.60	53.17 4.52 -13.07	69.21 4.81 -27.65	78.74 5.23 -30.62	79.83 5.01 -32.02	93.00 5.11 -41.48	139.49 5.20 -87.82	227.22 5.97 -173.87	486.79 7.81 -421.09	663.49 10.69 -573.61	867.50 13.01 -756.68	926.38 11.27 -831.04	204.54 9.45 -117.63	129.69 7.92 -53.45	96.31 6.07 -38.33	90.09 5.53 -38.06	84.74 5.18 -36.37
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	40.58 2.76 -3.76	38.79 2.37 -5.58	37.88 2.02 -9.31	36.02 1.90 -8.74	35.25 1.80 -8.83	37.18 2.06 -6.88	39.82 2.48 -3.30	40.95 2.75 -2.97	43.75 2.60 -5.57	45.00 2.87 -5.39	54.43 3.60 -7.94	57.67 3.64 -11.23	74.46 3.99 -24.05	76.27 4.18 -25.62	87.32 4.79 -35.15	113.22 6.37 -48.97	133.75 8.63 -45.93	145.12 10.76 -36.55	118.88 9.16 -25.65	99.19 7.67 -14.06	83.34 5.94 -9.08	60.23 4.57 -3.76	54.68 3.81 -4.37	46.42 3.24 0.00
FORT ORANGE____ 23900	43.20 1.26 -7.88	40.09 1.17 -8.07	39.29 0.93 -11.80	37.34 0.89 -11.08	36.68 0.86 -11.20	37.98 1.02 -8.73	39.48 1.22 -4.23	40.20 1.20 -3.76	48.39 1.14 -11.67	48.52 1.14 -10.64	60.73 1.20 -16.64	67.44 1.11 -23.53	93.28 1.20 -45.66	91.53 1.26 -43.81	81.25 1.52 -32.36	123.16 1.85 -63.42	140.98 2.61 -59.18	148.15 3.22 -47.12	127.07 2.69 -40.31	109.25 2.32 -29.47	89.33 1.98 -19.04	61.45 1.66 -7.89	57.24 1.58 -9.16	44.65 1.47 0.00
FORT_DRUM_COGEN 23780	34.71 0.65 0.00	31.59 0.52 -0.22	27.45 0.42 -0.47	26.17 0.36 -0.44	25.48 0.42 -0.45	29.18 0.59 -0.35	35.01 0.82 -0.16	36.02 0.63 -0.15	36.15 0.57 0.00	37.22 0.48 0.00	43.36 0.47 0.00	43.57 0.77 0.00	47.34 0.93 0.00	47.26 0.79 0.00	47.71 0.33 0.00	66.32 0.41 -8.04	102.22 0.63 -22.39	135.38 1.56 -36.01	137.30 1.77 -51.47	123.11 4.03 -41.62	101.74 4.03 -29.40	59.00 3.17 -3.93	48.83 2.33 0.00	44.61 1.43 0.00
FPL_FAR_ROCK_GT1 24212	54.93 3.71 -17.15	40.21 3.08 -6.29	38.55 2.71 -9.28	36.64 2.56 -8.71	35.87 2.46 -8.80	37.87 2.77 -6.87	40.96 3.44 -3.50	43.61 3.77 -4.60	52.55 3.91 -13.06	68.57 4.19 -27.64	78.19 4.76 -30.54	79.45 4.71 -31.94	82.81 5.11 -31.29	98.06 5.53 -46.07	100.91 6.39 -47.14	134.82 8.45 -68.49	163.10 11.56 -72.35	178.20 14.38 -66.00	143.43 12.19 -47.18	101.36 10.00 -13.90	85.36 8.06 -8.99	81.99 5.91 -24.17	79.97 5.30 -28.17	76.55 4.67 -28.70
FPL_FAR_ROCK_GT2 23815	54.93 3.71 -17.15	40.21 3.08 -6.29	38.55 2.71 -9.28	36.64 2.56 -8.71	35.87 2.46 -8.80	37.87 2.77 -6.87	40.96 3.44 -3.50	43.61 3.77 -4.60	52.55 3.91 -13.06	68.57 4.19 -27.64	78.19 4.76 -30.54	79.45 4.71 -31.94	82.81 5.11 -31.29	98.06 5.53 -46.07	100.91 6.39 -47.14	134.82 8.45 -68.49	163.10 11.56 -72.35	178.20 14.38 -66.00	143.43 12.19 -47.18	101.36 10.00 -13.90	85.36 8.06 -8.99	81.99 5.91 -24.17	79.97 5.30 -28.17	76.55 4.67 -28.70
FRANKLIN_FALL_HYD 24054	32.97 -1.09 0.00	29.70 -1.14 0.00	25.52 -1.04 0.00	24.49 -0.89 0.00	23.75 -0.86 0.00	27.31 -0.93 0.00	32.81 -1.23 0.00	34.00 -1.23 0.00	34.44 -1.14 0.00	35.27 -1.47 0.00	40.83 -2.06 0.00	40.53 -2.27 0.00	43.72 -2.69 0.00	44.05 -2.42 0.00	44.58 -2.80 0.00	46.51 -3.94 7.44	48.00 -4.83 26.36	50.45 -5.58 41.79	45.85 -4.79 33.42	46.17 -3.64 27.66	46.45 -3.07 18.79	46.90 -2.39 2.61	44.73 -1.77 0.00	41.67 -1.51 0.00
FREEPORT_EQUS_GT1 23764	54.79 3.58 -17.15	40.11 2.99 -6.28	38.46 2.63 -9.28	36.57 2.49 -8.70	35.77 2.36 -8.80	37.75 2.65 -6.86	40.90 3.37 -3.50	43.57 3.73 -4.60	52.30 3.67 -13.06	68.32 3.93 -27.64	77.64 4.21 -30.54	78.89 4.15 -31.94	82.12 4.41 -31.29	97.28 4.74 -46.07	100.10 5.59 -47.13	133.78 7.41 -68.49	161.68 10.14 -72.35	176.34 12.52 -66.00	141.84 10.59 -47.18	100.04 8.67 -13.90	84.27 6.97 -8.99	81.37 5.30 -24.17	79.41 4.75 -28.17	76.12 4.23 -28.70
FREEPORT___CT2 23818	54.79 3.58 -17.15	40.11 2.99 -6.28	38.46 2.63 -9.28	36.57 2.49 -8.70	35.77 2.36 -8.80	37.75 2.65 -6.86	40.90 3.37 -3.50	43.57 3.73 -4.60	52.30 3.67 -13.06	68.32 3.93 -27.64	77.64 4.21 -30.54	78.89 4.15 -31.94	82.12 4.41 -31.29	97.28 4.74 -46.07	100.10 5.59 -47.13	133.78 7.41 -68.49	161.68 10.14 -72.35	176.34 12.52 -66.00	141.84 10.59 -47.18	100.04 8.67 -13.90	84.27 6.97 -8.99	81.37 5.30 -24.17	79.41 4.75 -28.17	76.12 4.23 -28.70
FRESHKLS_33_KV_LOAD 356253	37.82 2.90 -0.86	37.77 2.28 -4.65	37.79 2.04 -9.19	36.14 2.06 -8.71	35.36 1.94 -8.80	37.09 2.00 -6.85	37.78 2.48 -1.27	38.27 2.99 -0.04	39.00 2.81 -0.61	39.04 3.12 0.82	39.50 3.35 6.73	40.35 3.21 5.66	48.82 3.43 1.03	46.32 3.81 3.96	61.66 4.83 -9.45	98.28 6.54 -33.86	104.60 9.03 -16.39	109.86 11.15 -0.90	99.01 9.50 -5.44	78.88 7.28 5.86	60.24 5.40 13.47	43.71 4.15 12.35	39.75 3.58 10.33	38.30 3.20 8.08
FULTON COGEN____ 23766	33.79 -0.27 0.00	31.03 -0.15 -0.34	27.12 -0.16 -0.73	25.91 -0.15 -0.69	25.16 -0.15 -0.69	28.58 -0.20 -0.54	34.04 -0.24 -0.25	35.11 -0.35 -0.23	35.22 -0.36 0.00	36.38 -0.37 0.00	42.59 -0.30 0.00	42.59 -0.21 0.00	46.28 -0.14 0.00	46.37 -0.09 0.00	47.24 -0.14 0.00	62.16 0.12 -4.16	84.73 0.00 -5.54	109.55 -0.10 -11.84	92.49 0.08 -8.34	82.74 0.15 -5.12	74.52 0.20 -6.01	52.54 0.16 -0.48	46.32 -0.19 0.00	42.84 -0.35 0.00

FULTON___LFGE 323630	49.74 4.53 -11.14	45.11 4.07 -10.20	43.92 3.27 -14.10	41.70 3.09 -13.24	41.04 3.05 -13.38	42.33 3.67 -10.42	43.58 4.59 -4.96	44.52 4.79 -4.49	57.04 4.94 -16.51	55.59 5.03 -13.81	73.21 6.77 -23.54	82.81 6.72 -33.29	125.93 7.47 -72.04	131.40 7.43 -77.51	157.33 6.21 -103.75	139.42 7.52 -74.01	158.92 10.37 -69.36	166.14 13.20 -55.13	145.97 11.86 -50.05	131.16 12.01 -41.69	106.79 11.55 -26.93	71.42 8.36 -11.16	66.16 6.70 -12.96	49.28 6.09 0.00
G.F.CEMENT___DRP 24184	48.61 2.69 -11.86	42.89 2.44 -9.61	40.78 1.89 -12.34	38.76 1.80 -11.59	38.10 1.77 -11.71	39.45 2.09 -9.12	41.02 2.59 -4.40	41.99 2.82 -3.93	56.07 2.92 -17.57	54.82 3.12 -14.96	71.50 3.56 -25.05	81.90 3.68 -35.42	127.89 4.13 -77.34	134.17 3.81 -83.90	166.01 3.55 -115.07	128.43 4.11 -66.44	147.98 5.86 -62.93	155.55 7.04 -50.70	140.73 6.73 -49.94	128.56 6.74 -44.36	103.32 6.35 -28.65	68.66 4.88 -11.88	64.33 4.05 -13.79	46.68 3.50 0.00
GARDENVILLE___LBMP 24039	34.65 0.00 -0.58	31.43 -0.28 -0.87	27.71 -0.29 -1.45	26.40 -0.33 -1.36	25.62 -0.37 -1.37	28.77 -0.54 -1.07	33.94 -0.58 -0.49	34.99 -0.70 -0.46	36.09 -0.36 -0.86	36.83 -0.55 -0.64	43.73 -0.39 -1.23	44.37 -0.17 -1.74	50.09 -0.05 -3.72	51.03 0.60 -3.96	53.42 0.85 -5.19	66.43 1.45 -7.10	87.40 1.74 -6.47	104.23 1.47 -4.95	89.30 1.77 -3.46	81.65 2.01 -2.17	72.31 2.60 -1.40	54.46 1.97 -0.58	47.92 0.74 -0.68	44.18 0.99 0.00
GARDNVLA_35_KV_LD 355827	34.86 0.20 -0.59	31.59 -0.12 -0.87	27.85 -0.16 -1.45	26.54 -0.20 -1.37	25.72 -0.27 -1.38	28.89 -0.42 -1.07	34.08 -0.44 -0.49	35.13 -0.56 -0.46	36.30 -0.14 -0.87	37.06 -0.33 -0.64	44.04 -0.09 -1.24	44.68 0.13 -1.75	50.44 0.28 -3.74	51.43 0.98 -3.99	53.84 1.23 -5.22	66.87 1.85 -7.14	87.91 2.22 -6.50	104.94 2.15 -4.98	89.91 2.35 -3.49	82.21 2.56 -2.19	72.80 3.07 -1.41	54.82 2.34 -0.59	48.20 1.02 -0.68	44.44 1.25 0.00
GELCKHM___115KV_LOAD 80723	33.93 -0.14 0.00	31.13 -0.09 -0.38	27.26 -0.11 -0.82	26.04 -0.10 -0.77	25.29 -0.10 -0.77	28.73 -0.11 -0.60	34.21 -0.10 -0.28	35.35 -0.14 -0.26	35.44 -0.14 0.00	36.60 -0.15 0.00	42.89 0.00 0.00	42.84 0.04 0.00	46.60 0.19 0.00	46.65 0.19 0.00	47.47 0.09 0.00	62.18 0.35 -3.95	83.11 0.32 -3.60	102.97 0.29 -4.87	90.84 0.34 -6.44	81.74 0.31 -3.97	72.35 0.41 -3.62	52.59 0.31 -0.37	46.55 0.05 0.00	43.06 -0.13 0.00
GENERAL___MILLS 23808	34.79 0.14 -0.59	31.50 -0.22 -0.87	27.77 -0.24 -1.45	26.46 -0.28 -1.36	25.67 -0.32 -1.38	28.83 -0.48 -1.07	33.98 -0.54 -0.49	35.06 -0.63 -0.46	36.20 -0.25 -0.87	36.94 -0.44 -0.64	43.91 -0.21 -1.23	44.54 0.00 -1.74	50.29 0.14 -3.73	51.23 0.79 -3.98	53.64 1.04 -5.21	66.63 1.62 -7.12	87.58 1.90 -6.49	104.54 1.76 -4.97	89.57 2.02 -3.48	81.89 2.25 -2.18	72.59 2.87 -1.41	54.61 2.13 -0.58	48.06 0.88 -0.68	44.31 1.12 0.00
GE_PLASTICS___DRP 24183	42.59 1.36 -7.16	39.95 1.26 -7.85	39.43 1.06 -11.82	37.48 1.01 -11.09	36.81 0.98 -11.21	38.10 1.13 -8.73	39.62 1.36 -4.23	40.34 1.34 -3.77	47.54 1.35 -10.61	47.69 1.10 -9.84	59.26 1.24 -15.12	65.30 1.11 -21.39	90.45 1.11 -42.92	90.44 1.21 -42.77	89.36 1.52 -40.46	115.28 1.79 -55.60	115.28 2.45 -33.64	115.28 3.03 -14.44	115.28 2.61 -28.61	106.33 2.09 -26.78	87.46 1.84 -17.30	60.63 1.56 -7.17	56.59 1.77 -8.32	44.78 1.60 0.00
GILBOA___1 23756	38.82 1.36 -3.40	37.61 1.42 -5.35	36.97 1.33 -9.08	35.15 1.24 -8.53	34.44 1.21 -8.62	36.34 1.38 -6.72	38.83 1.57 -3.23	39.57 1.45 -2.90	42.04 1.42 -5.03	43.36 1.54 -5.07	51.87 1.80 -7.18	54.70 1.76 -10.15	70.01 1.86 -21.73	71.34 1.72 -23.15	79.81 2.08 -30.35	108.69 2.43 -48.38	128.13 3.33 -45.62	138.36 4.01 -36.54	112.69 3.53 -25.09	93.34 3.18 -12.71	79.46 2.94 -8.21	57.59 2.28 -3.40	52.40 1.95 -3.95	44.87 1.68 0.00
GILBOA___2 23757	38.82 1.36 -3.40	37.61 1.42 -5.35	36.97 1.33 -9.08	35.15 1.24 -8.53	34.44 1.21 -8.62	36.34 1.38 -6.72	38.83 1.57 -3.23	39.57 1.45 -2.90	42.04 1.42 -5.03	43.36 1.54 -5.07	51.87 1.80 -7.18	54.70 1.76 -10.15	70.01 1.86 -21.73	71.34 1.72 -23.15	79.81 2.08 -30.35	108.69 2.43 -48.38	128.13 3.33 -45.62	138.36 4.01 -36.54	112.69 3.53 -25.09	93.34 3.18 -12.71	79.46 2.94 -8.21	57.59 2.28 -3.40	52.40 1.95 -3.95	44.87 1.68 0.00
GILBOA___3 23758	38.82 1.36 -3.40	37.61 1.42 -5.35	36.97 1.33 -9.08	35.15 1.24 -8.53	34.44 1.21 -8.62	36.34 1.38 -6.72	38.83 1.57 -3.23	39.57 1.45 -2.90	42.04 1.42 -5.03	43.36 1.54 -5.07	51.87 1.80 -7.18	54.70 1.76 -10.15	70.01 1.86 -21.73	71.34 1.72 -23.15	79.81 2.08 -30.35	108.69 2.43 -48.38	128.13 3.33 -45.62	138.36 4.01 -36.54	112.69 3.53 -25.09	93.34 3.18 -12.71	79.46 2.94 -8.21	57.59 2.28 -3.40	52.40 1.95 -3.95	44.87 1.68 0.00
GILBOA___4 23759	38.82 1.36 -3.40	37.61 1.42 -5.35	36.97 1.33 -9.08	35.15 1.24 -8.53	34.44 1.21 -8.62	36.34 1.38 -6.72	38.83 1.57 -3.23	39.57 1.45 -2.90	42.04 1.42 -5.03	43.36 1.54 -5.07	51.87 1.80 -7.18	54.70 1.76 -10.15	70.01 1.86 -21.73	71.34 1.72 -23.15	79.81 2.08 -30.35	108.69 2.43 -48.38	128.13 3.33 -45.62	138.36 4.01 -36.54	112.69 3.53 -25.09	93.34 3.18 -12.71	79.46 2.94 -8.21	57.59 2.28 -3.40	52.40 1.95 -3.95	44.87 1.68 0.00
GILBOA___ 23599	38.82 1.36 -3.40	37.61 1.42 -5.35	36.97 1.33 -9.08	35.15 1.24 -8.53	34.44 1.21 -8.62	36.34 1.38 -6.72	38.83 1.57 -3.23	39.57 1.44 -2.89	42.03 1.42 -5.03	43.36 1.54 -5.07	51.86 1.80 -7.17	54.70 1.75 -10.15	70.00 1.86 -21.73	71.34 1.72 -23.15	79.81 2.08 -30.34	108.68 2.43 -48.37	128.12 3.33 -45.61	138.35 4.01 -36.53	112.68 3.53 -25.08	93.34 3.18 -12.70	79.46 2.94 -8.21	57.59 2.28 -3.40	52.36 1.91 -3.95	44.87 1.68 0.00
GINNA___ 23603	33.12 -1.33 -0.39	30.37 -1.08 -0.61	26.57 -1.01 -1.03	25.32 -1.02 -0.97	24.58 -1.01 -0.98	27.87 -1.13 -0.76	33.09 -1.29 -0.35	34.19 -1.37 -0.33	34.69 -1.46 -0.57	35.63 -1.54 -0.42	42.12 -1.59 -0.81	42.62 -1.33 -1.15	47.53 -1.35 -2.46	47.79 -1.30 -2.63	49.64 -1.18 -3.44	62.03 -0.93 -5.08	82.54 -1.27 -4.63	99.69 -1.66 -3.54	85.14 -1.35 -2.42	77.35 -1.55 -1.44	68.43 -0.82 -0.93	51.61 -0.68 -0.39	45.42 -1.53 -0.45	41.85 -1.34 0.00
GLEN PARK___ 23778	34.95 0.88 0.00	31.81 0.74 -0.23	27.68 0.64 -0.49	26.37 0.53 -0.46	25.67 0.59 -0.46	29.42 0.82 -0.36	35.32 1.12 -0.17	36.27 0.88 -0.16	36.40 0.82 0.00	37.48 0.73 0.00	43.66 0.77 0.00	43.91 1.11 0.00	47.76 1.35 0.00	47.63 1.16 0.00	47.99 0.61 0.00	66.62 0.81 -7.93	101.89 1.19 -21.51	134.72 2.25 -34.66	135.47 2.44 -48.97	121.82 4.88 -39.47	101.25 4.92 -28.02	59.42 3.79 -3.73	49.24 2.74 0.00	44.96 1.77 0.00
GLENDALE_27_KV_LOAD 356172	40.81 3.03 -3.71	38.85 2.47 -5.54	38.00 2.18 -9.27	36.15 2.08 -8.70	35.38 1.97 -8.79	37.23 2.15 -6.85	40.27 2.76 -3.49	41.36 3.17 -2.95	44.18 3.10 -5.50	47.29 3.38 -7.17	54.37 3.65 -7.84	57.39 3.51 -11.08	66.98 3.71 -16.85	71.35 4.09 -20.80	80.04 5.02 -27.64	133.35 6.83 -68.63	161.09 9.34 -72.55	175.49 11.44 -66.24	120.92 9.75 -27.10	96.91 7.59 -11.86	78.50 5.74 -4.45	55.32 4.31 0.89	52.89 3.72 -2.67	46.64 3.45 0.00

GLENWOOD_IC_1_G5 23712	54.10 2.90 -17.14	39.74 2.62 -6.28	38.13 2.31 -9.27	36.26 2.18 -8.70	35.50 2.09 -8.80	37.46 2.37 -6.85	40.51 2.99 -3.49	43.22 3.38 -4.60	51.80 3.17 -13.06	67.87 3.49 -27.64	77.38 3.95 -30.54	78.63 3.89 -31.94	81.83 4.13 -31.29	97.09 4.55 -46.07	99.91 5.40 -47.13	133.48 7.12 -68.47	161.26 9.74 -72.34	175.63 11.83 -65.99	141.32 10.09 -47.17	99.49 8.13 -13.89	83.66 6.35 -8.99	80.80 4.72 -24.17	78.71 4.05 -28.17	75.47 3.58 -28.70
GLENWOOD_IC_2_G1 23688	54.07 2.86 -17.14	39.53 2.41 -6.28	37.96 2.13 -9.28	36.08 2.00 -8.70	35.33 1.92 -8.80	37.24 2.14 -6.86	40.25 2.72 -3.50	42.94 3.10 -4.60	51.73 3.09 -13.06	67.72 3.34 -27.64	77.25 3.82 -30.54	78.46 3.72 -31.94	81.65 3.94 -31.29	96.81 4.27 -46.07	99.63 5.12 -47.14	133.20 6.83 -68.49	160.80 9.26 -72.35	175.25 11.44 -66.00	140.91 9.66 -47.18	99.11 7.75 -13.90	83.38 6.08 -8.99	80.59 4.51 -24.17	78.57 3.91 -28.17	75.39 3.50 -28.70
GLENWOOD_IC_3_G1 23689	54.07 2.86 -17.14	39.53 2.41 -6.28	37.96 2.13 -9.28	36.08 2.00 -8.70	35.33 1.92 -8.80	37.24 2.14 -6.86	40.25 2.72 -3.50	42.94 3.10 -4.60	51.73 3.09 -13.06	67.72 3.34 -27.64	77.25 3.82 -30.54	78.46 3.72 -31.94	81.65 3.94 -31.29	96.81 4.27 -46.07	99.63 5.12 -47.14	133.20 6.83 -68.49	160.80 9.26 -72.35	175.25 11.44 -66.00	140.91 9.66 -47.18	99.11 7.75 -13.90	83.38 6.08 -8.99	80.59 4.51 -24.17	78.57 3.91 -28.17	75.39 3.50 -28.70
GLENWOOD___4 23550	54.21 3.00 -17.14	39.74 2.62 -6.28	38.13 2.31 -9.27	36.26 2.18 -8.70	35.50 2.09 -8.80	37.46 2.37 -6.85	40.51 2.99 -3.49	43.22 3.38 -4.60	51.91 3.27 -13.06	67.95 3.56 -27.64	77.51 4.07 -30.54	78.72 3.98 -31.94	81.93 4.22 -31.29	97.23 4.69 -46.07	100.01 5.50 -47.13	133.65 7.29 -68.47	161.42 9.90 -72.34	175.93 12.13 -65.99	141.58 10.34 -47.17	99.64 8.29 -13.89	83.86 6.56 -8.99	80.95 4.88 -24.17	78.85 4.19 -28.17	75.60 3.71 -28.70
GLENWOOD___5 23614	54.21 3.00 -17.14	39.74 2.62 -6.28	38.13 2.31 -9.27	36.26 2.18 -8.70	35.50 2.09 -8.80	37.46 2.37 -6.85	40.51 2.99 -3.49	43.22 3.38 -4.60	51.91 3.27 -13.06	67.95 3.56 -27.64	77.51 4.07 -30.54	78.72 3.98 -31.94	81.93 4.22 -31.29	97.23 4.69 -46.07	100.01 5.50 -47.13	133.65 7.29 -68.47	161.42 9.90 -72.34	175.93 12.13 -65.99	141.58 10.34 -47.17	99.64 8.29 -13.89	83.86 6.56 -8.99	80.95 4.88 -24.17	78.85 4.19 -28.17	75.60 3.71 -28.70
GLOBAL GREEN_PORT_GT1 23814	56.83 5.62 -17.14	41.90 4.78 -6.28	39.95 4.12 -9.28	37.88 3.80 -8.70	37.13 3.72 -8.80	39.28 4.18 -6.86	42.97 5.44 -3.50	45.93 6.10 -4.60	55.23 6.58 -13.07	71.41 7.02 -27.65	81.72 8.24 -30.60	82.98 8.18 -32.00	93.89 7.42 -40.05	131.66 7.72 -77.48	146.30 8.76 -90.15	280.95 12.56 -210.51	281.72 17.18 -185.35	285.45 18.38 -169.26	303.81 18.15 -201.59	193.28 15.96 -99.86	123.81 13.05 -42.44	97.90 9.65 -36.35	91.68 8.51 -36.67	86.12 7.64 -35.29
GLOBE___DSASP 323697	33.95 -0.65 -0.53	31.08 -0.56 -0.80	27.36 -0.53 -1.34	26.07 -0.56 -1.25	25.29 -0.59 -1.27	28.41 -0.82 -0.99	33.43 -1.05 -0.45	34.18 -1.48 -0.42	34.87 -1.49 -0.79	35.56 -1.76 -0.58	42.21 -1.80 -1.12	42.63 -1.75 -1.58	47.99 -1.81 -3.39	48.68 -1.39 -3.61	50.92 -1.18 -4.73	63.80 -0.58 -6.50	83.98 -1.19 -5.98	100.14 -2.25 -4.58	85.91 -1.35 -3.19	77.97 -1.47 -1.98	69.25 -0.34 -1.28	52.22 -0.21 -0.53	46.00 -1.12 -0.62	42.62 -0.56 0.00
GOETHSLN___LBMP 323567	37.37 2.45 -0.85	37.46 1.97 -4.64	37.51 1.78 -9.18	35.80 1.73 -8.70	35.03 1.62 -8.79	36.89 1.81 -6.85	37.55 2.25 -1.27	37.96 2.68 -0.05	38.83 2.63 -0.62	46.85 2.94 -7.17	39.42 3.26 6.73	40.27 3.12 5.65	48.64 3.25 1.03	46.19 3.67 3.95	61.38 4.55 -9.45	97.94 6.19 -33.87	103.90 8.31 -16.40	108.99 10.27 -0.91	98.27 8.74 -5.46	78.43 6.82 5.85	59.98 5.12 13.46	43.35 3.79 12.34	39.43 3.26 10.32	38.04 2.94 8.08
GOLAH___69_KV_TB 1_2 80279	35.16 0.68 -0.42	32.26 0.77 -0.65	28.20 0.56 -1.09	26.83 0.43 -1.02	26.02 0.37 -1.03	29.44 0.40 -0.81	34.95 0.54 -0.37	36.00 0.42 -0.35	36.55 0.36 -0.61	37.38 0.18 -0.45	44.40 0.64 -0.87	44.93 0.90 -1.23	49.99 0.93 -2.64	50.54 1.25 -2.82	52.25 1.18 -3.69	65.32 2.08 -5.35	86.67 2.61 -4.87	104.48 2.93 -3.73	89.65 3.03 -2.56	81.41 2.40 -1.54	72.11 2.80 -1.00	54.55 2.23 -0.41	47.96 0.98 -0.48	44.40 1.21 0.00
GOODYEAR_LAKE_HYD 323669	40.39 1.98 -4.35	34.79 1.79 -2.16	29.74 1.57 -1.62	28.34 1.45 -1.52	27.58 1.43 -1.53	31.13 1.69 -1.20	36.72 2.14 -0.55	37.90 2.15 -0.51	44.30 2.28 -6.44	43.95 2.43 -4.78	54.94 2.87 -9.18	58.74 2.95 -12.98	77.68 3.25 -28.02	79.78 3.25 -30.06	90.56 3.08 -40.10	69.66 3.82 -7.96	91.58 5.15 -7.25	110.31 6.46 -6.04	101.55 5.80 -11.68	99.76 6.04 -16.26	84.56 5.53 -10.72	60.41 4.15 -4.35	54.81 3.26 -5.05	45.82 2.63 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	35.84 0.55 -1.23	32.94 0.43 -1.67	29.62 0.35 -2.72	28.23 0.30 -2.55	27.47 0.27 -2.58	30.59 0.34 -2.01	35.37 0.44 -0.90	36.56 0.46 -0.86	38.00 0.60 -1.82	38.44 0.59 -1.11	46.29 0.81 -2.59	47.36 0.90 -3.66	55.28 1.02 -7.84	56.03 1.21 -8.35	59.70 1.37 -10.95	73.11 1.85 -13.37	93.74 2.38 -12.18	111.18 2.84 -10.54	93.86 2.77 -7.02	84.84 2.79 -4.58	74.40 2.60 -3.49	55.10 1.97 -1.23	49.18 1.26 -1.42	44.18 0.99 0.00
GOUDEY___7 23579	35.91 0.61 -1.23	32.98 0.46 -1.67	29.64 0.37 -2.72	28.26 0.33 -2.55	27.49 0.30 -2.58	30.61 0.37 -2.01	35.41 0.48 -0.90	36.59 0.49 -0.86	38.04 0.64 -1.82	38.48 0.62 -1.11	46.34 0.86 -2.59	47.40 0.94 -3.66	55.37 1.11 -7.84	56.12 1.30 -8.35	59.75 1.42 -10.95	73.22 1.97 -13.37	93.90 2.53 -12.18	111.38 3.03 -10.54	94.03 2.94 -7.02	84.91 2.87 -4.58	74.54 2.73 -3.49	55.21 2.08 -1.23	49.23 1.30 -1.42	44.27 1.08 0.00
GOUDEY___8 23580	35.84 0.55 -1.23	32.94 0.43 -1.67	29.62 0.35 -2.72	28.23 0.30 -2.55	27.47 0.27 -2.58	30.59 0.34 -2.01	35.37 0.44 -0.90	36.56 0.46 -0.86	38.00 0.60 -1.82	38.44 0.59 -1.11	46.29 0.81 -2.59	47.36 0.90 -3.66	55.28 1.02 -7.84	56.03 1.21 -8.35	59.70 1.37 -10.95	73.11 1.85 -13.37	93.74 2.38 -12.18	111.18 2.84 -10.54	93.86 2.77 -7.02	84.84 2.79 -4.58	74.40 2.60 -3.49	55.10 1.97 -1.23	49.18 1.26 -1.42	44.18 0.99 0.00
GOWANUS_GT1_1 24077	40.82 3.03 -3.72	38.82 2.44 -5.54	37.97 2.15 -9.27	36.16 2.08 -8.71	35.38 1.97 -8.80	37.20 2.12 -6.85	40.17 2.65 -3.49	41.32 3.14 -2.95	44.10 3.02 -5.50	47.25 3.34 -7.17	54.33 3.60 -7.84	57.35 3.47 -11.08	90.60 3.67 -40.52	87.37 4.00 -36.91	105.45 4.97 -53.09	133.23 6.66 -68.69	184.53 9.19 -96.16	225.38 11.25 -116.33	188.66 9.58 -95.01	103.45 7.36 -18.63	93.42 5.53 -19.58	126.85 4.31 -70.64	81.68 3.72 -31.46	46.60 3.41 0.00
GOWANUS_GT1_2 24078	40.82 3.03 -3.72	38.82 2.44 -5.54	37.97 2.15 -9.27	36.16 2.08 -8.71	35.38 1.97 -8.80	37.20 2.12 -6.85	40.17 2.65 -3.49	41.32 3.14 -2.95	44.10 3.02 -5.50	47.25 3.34 -7.17	54.33 3.60 -7.84	57.35 3.47 -11.08	90.60 3.67 -40.52	87.37 4.00 -36.91	105.45 4.97 -53.09	133.23 6.66 -68.69	184.53 9.19 -96.16	225.38 11.25 -116.33	188.66 9.58 -95.01	103.45 7.36 -18.63	93.42 5.53 -19.58	126.85 4.31 -70.64	81.68 3.72 -31.46	46.60 3.41 0.00

GOWANUS_GT1_3 24079	40.82 3.03 -3.72	38.82 2.44 -5.54	37.97 2.15 -9.27	36.16 2.08 -8.71	35.38 1.97 -8.80	37.20 2.12 -6.85	40.17 2.65 -3.49	41.32 3.14 -2.95	44.10 3.02 -5.50	47.25 3.34 -7.17	54.33 3.60 -7.84	57.35 3.47 -11.08	90.60 3.67 -40.52	87.37 4.00 -36.91	105.45 4.97 -53.09	133.23 6.66 -68.69	184.53 9.19 -96.16	225.38 11.25 -116.33	188.66 9.58 -95.01	103.45 7.36 -18.63	93.42 5.53 -19.58	126.85 4.31 -70.64	81.68 3.72 -31.46	46.60 3.41 0.00
GOWANUS_GT1_4 24080	40.82 3.03 -3.72	38.82 2.44 -5.54	37.97 2.15 -9.27	36.16 2.08 -8.71	35.38 1.97 -8.80	37.20 2.12 -6.85	40.17 2.65 -3.49	41.32 3.14 -2.95	44.10 3.02 -5.50	47.25 3.34 -7.17	54.33 3.60 -7.84	57.35 3.47 -11.08	90.60 3.67 -40.52	87.37 4.00 -36.91	105.45 4.97 -53.09	133.23 6.66 -68.69	184.53 9.19 -96.16	225.38 11.25 -116.33	188.66 9.58 -95.01	103.45 7.36 -18.63	93.42 5.53 -19.58	126.85 4.31 -70.64	81.68 3.72 -31.46	46.60 3.41 0.00
GOWANUS_GT1_5 24084	40.82 3.03 -3.72	38.82 2.44 -5.54	37.97 2.15 -9.27	36.16 2.08 -8.71	35.38 1.97 -8.80	37.20 2.12 -6.85	40.17 2.65 -3.49	41.32 3.14 -2.95	44.10 3.02 -5.50	47.25 3.34 -7.17	54.33 3.60 -7.84	57.35 3.47 -11.08	90.60 3.67 -40.52	87.37 4.00 -36.91	105.45 4.97 -53.09	133.23 6.66 -68.69	184.53 9.19 -96.16	225.38 11.25 -116.33	188.66 9.58 -95.01	103.45 7.36 -18.63	93.42 5.53 -19.58	126.85 4.31 -70.64	81.68 3.72 -31.46	46.60 3.41 0.00
GOWANUS_GT1_6 24111	40.82 3.03 -3.72	38.82 2.44 -5.54	37.97 2.15 -9.27	36.16 2.08 -8.71	35.38 1.97 -8.80	37.20 2.12 -6.85	40.17 2.65 -3.49	41.32 3.14 -2.95	44.10 3.02 -5.50	47.25 3.34 -7.17	54.33 3.60 -7.84	57.35 3.47 -11.08	90.60 3.67 -40.52	87.37 4.00 -36.91	105.45 4.97 -53.09	133.23 6.66 -68.69	184.53 9.19 -96.16	225.38 11.25 -116.33	188.66 9.58 -95.01	103.45 7.36 -18.63	93.42 5.53 -19.58	126.85 4.31 -70.64	81.68 3.72 -31.46	46.60 3.41 0.00
GOWANUS_GT1_7 24112	40.82 3.03 -3.72	38.82 2.44 -5.54	37.97 2.15 -9.27	36.16 2.08 -8.71	35.38 1.97 -8.80	37.20 2.12 -6.85	40.17 2.65 -3.49	41.32 3.14 -2.95	44.10 3.02 -5.50	47.25 3.34 -7.17	54.33 3.60 -7.84	57.35 3.47 -11.08	90.60 3.67 -40.52	87.37 4.00 -36.91	105.45 4.97 -53.09	133.23 6.66 -68.69	184.53 9.19 -96.16	225.38 11.25 -116.33	188.66 9.58 -95.01	103.45 7.36 -18.63	93.42 5.53 -19.58	126.85 4.31 -70.64	81.68 3.72 -31.46	46.60 3.41 0.00
GOWANUS_GT1_8 24113	40.82 3.03 -3.72	38.82 2.44 -5.54	37.97 2.15 -9.27	36.16 2.08 -8.71	35.38 1.97 -8.80	37.20 2.12 -6.85	40.17 2.65 -3.49	41.32 3.14 -2.95	44.10 3.02 -5.50	47.25 3.34 -7.17	54.33 3.60 -7.84	57.35 3.47 -11.08	90.60 3.67 -40.52	87.37 4.00 -36.91	105.45 4.97 -53.09	133.23 6.66 -68.69	184.53 9.19 -96.16	225.38 11.25 -116.33	188.66 9.58 -95.01	103.45 7.36 -18.63	93.42 5.53 -19.58	126.85 4.31 -70.64	81.68 3.72 -31.46	46.60 3.41 0.00
GOWANUS_GT2_1 24114	40.82 3.03 -3.72	38.82 2.44 -5.54	37.97 2.15 -9.27	36.16 2.08 -8.71	35.38 1.97 -8.80	37.18 2.09 -6.85	40.17 2.66 -3.49	41.32 3.13 -2.95	44.10 3.02 -5.50	47.14 3.23 -7.17	54.33 3.60 -7.84	57.35 3.47 -11.09	90.60 3.67 -40.52	87.37 4.00 -36.91	105.49 5.02 -53.09	133.23 6.65 -68.70	184.46 9.10 -96.17	225.58 11.44 -116.33	188.49 9.41 -95.01	103.45 7.36 -18.63	93.42 5.53 -19.58	126.75 4.20 -70.64	81.68 3.72 -31.46	46.60 3.41 0.00
GOWANUS_GT2_2 24115	40.82 3.03 -3.72	38.82 2.44 -5.54	37.97 2.15 -9.27	36.16 2.08 -8.71	35.38 1.97 -8.80	37.18 2.09 -6.85	40.17 2.66 -3.49	41.32 3.13 -2.95	44.10 3.02 -5.50	47.14 3.23 -7.17	54.33 3.60 -7.84	57.35 3.47 -11.09	90.60 3.67 -40.52	87.37 4.00 -36.91	105.49 5.02 -53.09	133.23 6.65 -68.70	184.46 9.10 -96.17	225.58 11.44 -116.33	188.49 9.41 -95.01	103.45 7.36 -18.63	93.42 5.53 -19.58	126.75 4.20 -70.64	81.68 3.72 -31.46	46.60 3.41 0.00
GOWANUS_GT2_3 24116	40.82 3.03 -3.72	38.82 2.44 -5.54	37.97 2.15 -9.27	36.16 2.08 -8.71	35.38 1.97 -8.80	37.18 2.09 -6.85	40.17 2.66 -3.49	41.32 3.13 -2.95	44.10 3.02 -5.50	47.14 3.23 -7.17	54.33 3.60 -7.84	57.35 3.47 -11.09	90.60 3.67 -40.52	87.37 4.00 -36.91	105.49 5.02 -53.09	133.23 6.65 -68.70	184.46 9.10 -96.17	225.58 11.44 -116.33	188.49 9.41 -95.01	103.45 7.36 -18.63	93.42 5.53 -19.58	126.75 4.20 -70.64	81.68 3.72 -31.46	46.60 3.41 0.00
GOWANUS_GT2_4 24117	40.82 3.03 -3.72	38.82 2.44 -5.54	37.97 2.15 -9.27	36.16 2.08 -8.71	35.38 1.97 -8.80	37.18 2.09 -6.85	40.17 2.66 -3.49	41.32 3.13 -2.95	44.10 3.02 -5.50	47.14 3.23 -7.17	54.33 3.60 -7.84	57.35 3.47 -11.09	90.60 3.67 -40.52	87.37 4.00 -36.91	105.49 5.02 -53.09	133.23 6.65 -68.70	184.46 9.10 -96.17	225.58 11.44 -116.33	188.49 9.41 -95.01	103.45 7.36 -18.63	93.42 5.53 -19.58	126.75 4.20 -70.64	81.68 3.72 -31.46	46.60 3.41 0.00
GOWANUS_GT2_5 24118	40.82 3.03 -3.72	38.82 2.44 -5.54	37.97 2.15 -9.27	36.16 2.08 -8.71	35.38 1.97 -8.80	37.18 2.09 -6.85	40.17 2.66 -3.49	41.32 3.13 -2.95	44.10 3.02 -5.50	47.14 3.23 -7.17	54.33 3.60 -7.84	57.35 3.47 -11.09	90.60 3.67 -40.52	87.37 4.00 -36.91	105.49 5.02 -53.09	133.23 6.65 -68.70	184.46 9.10 -96.17	225.58 11.44 -116.33	188.49 9.41 -95.01	103.45 7.36 -18.63	93.42 5.53 -19.58	126.75 4.20 -70.64	81.68 3.72 -31.46	46.60 3.41 0.00
GOWANUS_GT2_6 24119	40.82 3.03 -3.72	38.82 2.44 -5.54	37.97 2.15 -9.27	36.16 2.08 -8.71	35.38 1.97 -8.80	37.18 2.09 -6.85	40.17 2.66 -3.49	41.32 3.13 -2.95	44.10 3.02 -5.50	47.14 3.23 -7.17	54.33 3.60 -7.84	57.35 3.47 -11.09	90.60 3.67 -40.52	87.37 4.00 -36.91	105.49 5.02 -53.09	133.23 6.65 -68.70	184.46 9.10 -96.17	225.58 11.44 -116.33	188.49 9.41 -95.01	103.45 7.36 -18.63	93.42 5.53 -19.58	126.75 4.20 -70.64	81.68 3.72 -31.46	46.60 3.41 0.00
GOWANUS_GT2_7 24120	40.82 3.03 -3.72	38.82 2.44 -5.54	37.97 2.15 -9.27	36.16 2.08 -8.71	35.38 1.97 -8.80	37.18 2.09 -6.85	40.17 2.66 -3.49	41.32 3.13 -2.95	44.10 3.02 -5.50	47.14 3.23 -7.17	54.33 3.60 -7.84	57.35 3.47 -11.09	90.60 3.67 -40.52	87.37 4.00 -36.91	105.49 5.02 -53.09	133.23 6.65 -68.70	184.46 9.10 -96.17	225.58 11.44 -116.33	188.49 9.41 -95.01	103.45 7.36 -18.63	93.42 5.53 -19.58	126.75 4.20 -70.64	81.68 3.72 -31.46	46.60 3.41 0.00
GOWANUS_GT2_8 24121	40.82 3.03 -3.72	38.82 2.44 -5.54	37.97 2.15 -9.27	36.16 2.08 -8.71	35.38 1.97 -8.80	37.18 2.09 -6.85	40.17 2.66 -3.49	41.32 3.13 -2.95	44.10 3.02 -5.50	47.14 3.23 -7.17	54.33 3.60 -7.84	57.35 3.47 -11.09	90.60 3.67 -40.52	87.37 4.00 -36.91	105.49 5.02 -53.09	133.23 6.65 -68.70	184.46 9.10 -96.17	225.58 11.44 -116.33	188.49 9.41 -95.01	103.45 7.36 -18.63	93.42 5.53 -19.58	126.75 4.20 -70.64	81.68 3.72 -31.46	46.60 3.41 0.00
GOWANUS_GT3_1 24122	40.82 3.03 -3.72	38.82 2.44 -5.54	37.97 2.15 -9.27	36.16 2.08 -8.71	35.38 1.97 -8.80	37.18 2.09 -6.85	40.17 2.66 -3.49	41.32 3.13 -2.95	44.10 3.02 -5.50	47.14 3.23 -7.17	54.33 3.60 -7.84	57.35 3.47 -11.09	90.60 3.67 -40.52	87.37 4.00 -36.91	105.49 5.02 -53.09	133.23 6.65 -68.70	184.46 9.10 -96.17	225.58 11.44 -116.33	188.49 9.41 -95.01	103.45 7.36 -18.63	93.42 5.53 -19.58	126.75 4.20 -70.64	81.68 3.72 -31.46	46.60 3.41 0.00

GOWANUS_GT3_2 24123	40.82 3.03 -3.72	38.82 2.44 -5.54	37.97 2.15 -9.27	36.16 2.08 -8.71	35.38 1.97 -8.80	37.18 2.09 -6.85	40.17 2.66 -3.49	41.32 3.13 -2.95	44.10 3.02 -5.50	47.14 3.23 -7.17	54.33 3.60 -7.84	57.35 3.47 -11.09	90.60 3.67 -40.52	87.37 4.00 -36.91	105.49 5.02 -53.09	133.23 6.65 -68.70	184.46 9.10 -96.17	225.58 11.44 -116.33	188.49 9.41 -95.01	103.45 7.36 -18.63	93.42 5.53 -19.58	126.75 4.20 -70.64	81.68 3.72 -31.46	46.60 3.41 0.00
GOWANUS_GT3_3 24124	40.82 3.03 -3.72	38.82 2.44 -5.54	37.97 2.15 -9.27	36.16 2.08 -8.71	35.38 1.97 -8.80	37.18 2.09 -6.85	40.17 2.66 -3.49	41.32 3.13 -2.95	44.10 3.02 -5.50	47.14 3.23 -7.17	54.33 3.60 -7.84	57.35 3.47 -11.09	90.60 3.67 -40.52	87.37 4.00 -36.91	105.49 5.02 -53.09	133.23 6.65 -68.70	184.46 9.10 -96.17	225.58 11.44 -116.33	188.49 9.41 -95.01	103.45 7.36 -18.63	93.42 5.53 -19.58	126.75 4.20 -70.64	81.68 3.72 -31.46	46.60 3.41 0.00
GOWANUS_GT3_4 24125	40.82 3.03 -3.72	38.82 2.44 -5.54	37.97 2.15 -9.27	36.16 2.08 -8.71	35.38 1.97 -8.80	37.18 2.09 -6.85	40.17 2.66 -3.49	41.32 3.13 -2.95	44.10 3.02 -5.50	47.14 3.23 -7.17	54.33 3.60 -7.84	57.35 3.47 -11.09	90.60 3.67 -40.52	87.37 4.00 -36.91	105.49 5.02 -53.09	133.23 6.65 -68.70	184.46 9.10 -96.17	225.58 11.44 -116.33	188.49 9.41 -95.01	103.45 7.36 -18.63	93.42 5.53 -19.58	126.75 4.20 -70.64	81.68 3.72 -31.46	46.60 3.41 0.00
GOWANUS_GT3_5 24126	40.82 3.03 -3.72	38.82 2.44 -5.54	37.97 2.15 -9.27	36.16 2.08 -8.71	35.38 1.97 -8.80	37.18 2.09 -6.85	40.17 2.66 -3.49	41.32 3.13 -2.95	44.10 3.02 -5.50	47.14 3.23 -7.17	54.33 3.60 -7.84	57.35 3.47 -11.09	90.60 3.67 -40.52	87.37 4.00 -36.91	105.49 5.02 -53.09	133.23 6.65 -68.70	184.46 9.10 -96.17	225.58 11.44 -116.33	188.49 9.41 -95.01	103.45 7.36 -18.63	93.42 5.53 -19.58	126.75 4.20 -70.64	81.68 3.72 -31.46	46.60 3.41 0.00
GOWANUS_GT3_6 24127	40.82 3.03 -3.72	38.82 2.44 -5.54	37.97 2.15 -9.27	36.16 2.08 -8.71	35.38 1.97 -8.80	37.18 2.09 -6.85	40.17 2.66 -3.49	41.32 3.13 -2.95	44.10 3.02 -5.50	47.14 3.23 -7.17	54.33 3.60 -7.84	57.35 3.47 -11.09	90.60 3.67 -40.52	87.37 4.00 -36.91	105.49 5.02 -53.09	133.23 6.65 -68.70	184.46 9.10 -96.17	225.58 11.44 -116.33	188.49 9.41 -95.01	103.45 7.36 -18.63	93.42 5.53 -19.58	126.75 4.20 -70.64	81.68 3.72 -31.46	46.60 3.41 0.00
GOWANUS_GT3_7 24128	40.82 3.03 -3.72	38.82 2.44 -5.54	37.97 2.15 -9.27	36.16 2.08 -8.71	35.38 1.97 -8.80	37.18 2.09 -6.85	40.17 2.66 -3.49	41.32 3.13 -2.95	44.10 3.02 -5.50	47.14 3.23 -7.17	54.33 3.60 -7.84	57.35 3.47 -11.09	90.60 3.67 -40.52	87.37 4.00 -36.91	105.49 5.02 -53.09	133.23 6.65 -68.70	184.46 9.10 -96.17	225.58 11.44 -116.33	188.49 9.41 -95.01	103.45 7.36 -18.63	93.42 5.53 -19.58	126.75 4.20 -70.64	81.68 3.72 -31.46	46.60 3.41 0.00
GOWANUS_GT3_8 24129	40.82 3.03 -3.72	38.82 2.44 -5.54	37.97 2.15 -9.27	36.16 2.08 -8.71	35.38 1.97 -8.80	37.18 2.09 -6.85	40.17 2.66 -3.49	41.32 3.13 -2.95	44.10 3.02 -5.50	47.14 3.23 -7.17	54.33 3.60 -7.84	57.35 3.47 -11.09	90.60 3.67 -40.52	87.37 4.00 -36.91	105.49 5.02 -53.09	133.23 6.65 -68.70	184.46 9.10 -96.17	225.58 11.44 -116.33	188.49 9.41 -95.01	103.45 7.36 -18.63	93.42 5.53 -19.58	126.75 4.20 -70.64	81.68 3.72 -31.46	46.60 3.41 0.00
GOWANUS_GT4_1 24130	40.82 3.03 -3.72	38.82 2.44 -5.54	37.97 2.15 -9.27	36.16 2.08 -8.71	35.38 1.97 -8.80	37.20 2.12 -6.85	40.17 2.65 -3.49	41.32 3.14 -2.95	44.10 3.02 -5.50	47.25 3.34 -7.17	54.33 3.60 -7.84	57.35 3.47 -11.08	90.60 3.67 -40.52	87.37 4.00 -36.91	105.45 4.97 -53.09	133.23 6.66 -68.69	184.53 9.19 -96.16	225.38 11.25 -116.33	188.66 9.58 -95.01	103.45 7.36 -18.63	93.42 5.53 -19.58	126.85 4.31 -70.64	81.68 3.72 -31.46	46.60 3.41 0.00
GOWANUS_GT4_2 24131	40.82 3.03 -3.72	38.82 2.44 -5.54	37.97 2.15 -9.27	36.16 2.08 -8.71	35.38 1.97 -8.80	37.20 2.12 -6.85	40.17 2.65 -3.49	41.32 3.14 -2.95	44.10 3.02 -5.50	47.25 3.34 -7.17	54.33 3.60 -7.84	57.35 3.47 -11.08	90.60 3.67 -40.52	87.37 4.00 -36.91	105.45 4.97 -53.09	133.23 6.66 -68.69	184.53 9.19 -96.16	225.38 11.25 -116.33	188.66 9.58 -95.01	103.45 7.36 -18.63	93.42 5.53 -19.58	126.85 4.31 -70.64	81.68 3.72 -31.46	46.60 3.41 0.00
GOWANUS_GT4_3 24132	40.82 3.03 -3.72	38.82 2.44 -5.54	37.97 2.15 -9.27	36.16 2.08 -8.71	35.38 1.97 -8.80	37.20 2.12 -6.85	40.17 2.65 -3.49	41.32 3.14 -2.95	44.10 3.02 -5.50	47.25 3.34 -7.17	54.33 3.60 -7.84	57.35 3.47 -11.08	90.60 3.67 -40.52	87.37 4.00 -36.91	105.45 4.97 -53.09	133.23 6.66 -68.69	184.53 9.19 -96.16	225.38 11.25 -116.33	188.66 9.58 -95.01	103.45 7.36 -18.63	93.42 5.53 -19.58	126.85 4.31 -70.64	81.68 3.72 -31.46	46.60 3.41 0.00
GOWANUS_GT4_4 24133	40.82 3.03 -3.72	38.82 2.44 -5.54	37.97 2.15 -9.27	36.16 2.08 -8.71	35.38 1.97 -8.80	37.20 2.12 -6.85	40.17 2.65 -3.49	41.32 3.14 -2.95	44.10 3.02 -5.50	47.25 3.34 -7.17	54.33 3.60 -7.84	57.35 3.47 -11.08	90.60 3.67 -40.52	87.37 4.00 -36.91	105.45 4.97 -53.09	133.23 6.66 -68.69	184.53 9.19 -96.16	225.38 11.25 -116.33	188.66 9.58 -95.01	103.45 7.36 -18.63	93.42 5.53 -19.58	126.85 4.31 -70.64	81.68 3.72 -31.46	46.60 3.41 0.00
GOWANUS_GT4_5 24134	40.82 3.03 -3.72	38.82 2.44 -5.54	37.97 2.15 -9.27	36.16 2.08 -8.71	35.38 1.97 -8.80	37.20 2.12 -6.85	40.17 2.65 -3.49	41.32 3.14 -2.95	44.10 3.02 -5.50	47.25 3.34 -7.17	54.33 3.60 -7.84	57.35 3.47 -11.08	90.60 3.67 -40.52	87.37 4.00 -36.91	105.45 4.97 -53.09	133.23 6.66 -68.69	184.53 9.19 -96.16	225.38 11.25 -116.33	188.66 9.58 -95.01	103.45 7.36 -18.63	93.42 5.53 -19.58	126.85 4.31 -70.64	81.68 3.72 -31.46	46.60 3.41 0.00
GOWANUS_GT4_6 24135	40.82 3.03 -3.72	38.82 2.44 -5.54	37.97 2.15 -9.27	36.16 2.08 -8.71	35.38 1.97 -8.80	37.20 2.12 -6.85	40.17 2.65 -3.49	41.32 3.14 -2.95	44.10 3.02 -5.50	47.25 3.34 -7.17	54.33 3.60 -7.84	57.35 3.47 -11.08	90.60 3.67 -40.52	87.37 4.00 -36.91	105.45 4.97 -53.09	133.23 6.66 -68.69	184.53 9.19 -96.16	225.38 11.25 -116.33	188.66 9.58 -95.01	103.45 7.36 -18.63	93.42 5.53 -19.58	126.85 4.31 -70.64	81.68 3.72 -31.46	46.60 3.41 0.00
GOWANUS_GT4_7 24136	40.82 3.03 -3.72	38.82 2.44 -5.54	37.97 2.15 -9.27	36.16 2.08 -8.71	35.38 1.97 -8.80	37.20 2.12 -6.85	40.17 2.65 -3.49	41.32 3.14 -2.95	44.10 3.02 -5.50	47.25 3.34 -7.17	54.33 3.60 -7.84	57.35 3.47 -11.08	90.60 3.67 -40.52	87.37 4.00 -36.91	105.45 4.97 -53.09	133.23 6.66 -68.69	184.53 9.19 -96.16	225.38 11.25 -116.33	188.66 9.58 -95.01	103.45 7.36 -18.63	93.42 5.53 -19.58	126.85 4.31 -70.64	81.68 3.72 -31.46	46.60 3.41 0.00
GOWANUS_GT4_8 24137	40.82 3.03 -3.72	38.82 2.44 -5.54	37.97 2.15 -9.27	36.16 2.08 -8.71	35.38 1.97 -8.80	37.20 2.12 -6.85	40.17 2.65 -3.49	41.32 3.14 -2.95	44.10 3.02 -5.50	47.25 3.34 -7.17	54.33 3.60 -7.84	57.35 3.47 -11.08	90.60 3.67 -40.52	87.37 4.00 -36.91	105.45 4.97 -53.09	133.23 6.66 -68.69	184.53 9.19 -96.16	225.38 11.25 -116.33	188.66 9.58 -95.01	103.45 7.36 -18.63	93.42 5.53 -19.58	126.85 4.31 -70.64	81.68 3.72 -31.46	46.60 3.41 0.00

GREENBSH_115KV_TB3 55895	43.38 1.26 -8.06	40.15 1.14 -8.16	39.38 0.96 -11.87	37.41 0.89 -11.15	36.74 0.86 -11.27	38.03 1.02 -8.78	39.51 1.23 -4.25	40.22 1.20 -3.78	48.69 1.17 -11.94	48.78 1.18 -10.86	61.24 1.33 -17.02	68.15 1.28 -24.06	94.21 1.30 -46.50	92.24 1.39 -44.38	80.55 1.66 -31.51	124.24 2.03 -64.33	143.07 2.77 -61.11	150.53 3.33 -49.40	128.43 2.86 -41.51	110.00 2.40 -30.14	89.83 2.05 -19.47	61.63 1.66 -8.07	57.45 1.58 -9.37	44.61 1.43 0.00
GREENDGE_115KV_TB5 80291	35.22 0.44 -0.71	32.33 0.46 -1.02	28.59 0.35 -1.69	27.24 0.28 -1.59	26.49 0.27 -1.61	29.83 0.34 -1.25	35.00 0.41 -0.56	36.09 0.32 -0.54	36.98 0.36 -1.04	37.60 0.22 -0.63	44.93 0.56 -1.49	45.67 0.77 -2.10	51.84 0.93 -4.50	52.42 1.16 -4.79	54.85 1.18 -6.28	68.04 1.85 -8.31	89.45 2.69 -7.57	107.91 3.33 -6.78	91.80 3.45 -4.28	83.35 3.25 -2.63	73.65 3.21 -2.13	54.94 2.34 -0.70	48.57 1.26 -0.82	44.14 0.95 0.00
GREENIDGE___3 23582	35.22 0.44 -0.71	32.33 0.46 -1.02	28.59 0.35 -1.69	27.24 0.28 -1.59	26.49 0.27 -1.61	29.83 0.34 -1.25	35.00 0.41 -0.56	36.09 0.32 -0.54	36.98 0.36 -1.04	37.60 0.22 -0.63	44.93 0.56 -1.49	45.67 0.77 -2.10	51.84 0.93 -4.50	52.42 1.16 -4.79	54.85 1.18 -6.28	68.04 1.85 -8.31	89.45 2.69 -7.57	107.91 3.33 -6.78	91.80 3.45 -4.28	83.35 3.25 -2.63	73.65 3.21 -2.13	54.94 2.34 -0.70	48.57 1.26 -0.82	44.14 0.95 0.00
GREENIDGE___4 23583	35.21 0.44 -0.71	32.33 0.46 -1.02	28.59 0.34 -1.69	27.24 0.28 -1.59	26.49 0.27 -1.61	29.85 0.37 -1.25	35.00 0.41 -0.56	36.09 0.32 -0.54	36.98 0.36 -1.04	37.67 0.29 -0.63	44.93 0.56 -1.49	45.68 0.77 -2.10	51.90 0.98 -4.51	52.38 1.11 -4.80	54.86 1.18 -6.29	68.09 1.85 -8.36	89.49 2.69 -7.61	107.95 3.33 -6.82	91.74 3.37 -4.30	83.35 3.25 -2.63	73.66 3.21 -2.14	54.95 2.34 -0.71	48.53 1.21 -0.82	44.13 0.95 0.00
GREENLWN_69_KV_BK 3 55738	54.34 3.13 -17.14	39.71 2.59 -6.28	38.11 2.28 -9.27	36.18 2.11 -8.70	35.43 2.02 -8.80	37.40 2.32 -6.85	40.48 2.96 -3.49	43.22 3.38 -4.60	52.12 3.49 -13.05	68.16 3.78 -27.63	77.53 4.12 -30.53	78.53 3.81 -31.92	80.05 3.99 -29.64	90.01 4.41 -39.13	85.28 5.21 -32.69	86.78 6.83 -22.07	84.25 9.34 4.28	99.58 11.44 9.67	36.25 9.84 57.65	82.74 8.29 3.02	76.88 6.97 -1.60	78.66 4.88 -21.88	77.76 4.70 -26.57	74.88 4.23 -27.46
GREENWD_138_KV_38B11_REV_LBMP_J 345004	40.82 3.03 -3.72	38.82 2.44 -5.54	37.97 2.15 -9.27	36.16 2.08 -8.71	35.38 1.97 -8.80	37.20 2.12 -6.85	40.17 2.65 -3.49	41.32 3.14 -2.95	44.10 3.02 -5.50	47.25 3.34 -7.17	54.33 3.60 -7.84	57.35 3.47 -11.08	90.60 3.67 -40.52	87.37 4.00 -36.91	105.45 4.97 -53.09	133.23 6.66 -68.69	184.53 9.19 -96.16	225.38 11.25 -116.33	188.66 9.58 -95.01	103.45 7.36 -18.63	93.42 5.53 -19.58	126.85 4.31 -70.64	81.68 3.72 -31.46	46.60 3.41 0.00
GRISSOM___SOLAR 323813	49.74 4.53 -11.14	45.11 4.07 -10.20	43.92 3.27 -14.10	41.70 3.09 -13.24	41.04 3.05 -13.38	42.33 3.67 -10.42	43.58 4.59 -4.96	44.52 4.79 -4.49	57.04 4.94 -16.51	55.59 5.03 -13.81	73.21 6.77 -23.54	82.81 6.72 -33.29	125.93 7.47 -72.04	131.40 7.43 -77.51	157.33 6.21 -103.75	139.42 7.52 -74.01	158.92 10.37 -69.36	166.14 13.20 -55.13	145.97 11.86 -50.05	131.16 12.01 -41.69	106.79 11.55 -26.93	71.42 8.36 -11.16	66.16 6.70 -12.96	49.28 6.09 0.00
GROVEVILLE___HYD 323602	40.58 2.76 -3.76	38.79 2.37 -5.58	37.88 2.02 -9.31	36.02 1.90 -8.74	35.25 1.80 -8.83	37.18 2.06 -6.88	39.82 2.48 -3.30	40.95 2.75 -2.97	43.75 2.60 -5.57	45.00 2.87 -5.39	54.43 3.60 -7.94	57.67 3.64 -11.23	74.46 3.99 -24.05	76.27 4.18 -25.62	87.32 4.79 -35.15	113.22 6.37 -48.97	133.75 8.63 -45.93	145.12 10.76 -36.55	118.88 9.16 -25.65	99.19 7.67 -14.06	83.34 5.94 -9.08	60.23 4.57 -3.76	54.68 3.81 -4.37	46.42 3.24 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	34.53 0.14 -0.33	31.56 0.19 -0.53	27.57 0.11 -0.91	26.35 0.13 -0.85	25.57 0.10 -0.86	29.02 0.11 -0.67	34.51 0.17 -0.31	35.66 0.14 -0.28	35.72 0.14 0.00	36.89 0.15 0.00	43.27 0.39 0.00	43.23 0.43 0.00	47.02 0.60 0.00	47.07 0.60 0.00	47.71 0.33 0.00	62.91 0.64 -4.39	83.90 0.71 -4.00	104.77 0.68 -6.27	91.22 0.76 -6.39	81.89 0.77 -3.65	73.02 0.82 -3.89	52.87 0.62 -0.35	46.92 0.42 0.00	43.40 0.22 0.00
HAMLTNNY_34_KV_TB 80303	34.73 0.31 -0.36	31.72 0.31 -0.57	27.76 0.24 -0.96	26.53 0.25 -0.90	25.75 0.22 -0.91	29.20 0.25 -0.71	34.73 0.37 -0.33	35.85 0.32 -0.30	36.42 0.32 -0.52	37.46 0.33 -0.38	44.14 0.51 -0.74	44.45 0.60 -1.05	49.44 0.79 -2.24	49.69 0.84 -2.38	51.31 0.81 -3.13	63.82 1.27 -4.66	85.02 1.58 -4.25	106.23 1.86 -6.56	92.58 1.77 -6.75	83.73 1.70 -4.56	74.46 1.64 -4.51	53.81 1.25 -0.66	47.65 0.74 -0.41	43.66 0.48 0.00
HAMPSHIRE___PAPER_HYD 323593	33.38 -0.68 0.00	30.22 -0.74 -0.12	26.17 -0.64 -0.25	24.98 -0.63 -0.24	24.31 -0.54 -0.24	27.89 -0.54 -0.19	33.51 -0.61 -0.09	34.57 -0.74 -0.08	34.83 -0.75 0.00	35.83 -0.92 0.00	41.69 -1.20 0.00	41.73 -1.07 0.00	45.26 -1.16 0.00	45.26 -1.21 0.00	45.68 -1.70 0.00	71.18 -2.60 -15.90	128.07 -3.56 -52.44	176.31 -3.82 -82.32	207.32 -2.94 -126.19	180.23 -1.16 -103.92	138.74 -0.68 -71.11	61.31 -0.42 -9.82	46.22 -0.28 0.00	42.67 -0.52 0.00
HARDSCRABBLE_WT_PWR 323673	33.62 -0.44 0.00	30.44 -0.40 0.00	26.18 -0.37 0.00	24.94 -0.43 0.00	24.20 -0.42 0.00	27.81 -0.42 0.00	33.56 -0.48 0.00	34.71 -0.53 0.00	35.05 -0.53 0.00	36.15 -0.59 0.00	42.46 -0.43 0.00	42.50 -0.30 0.00	46.04 -0.37 0.00	46.00 -0.46 0.00	46.43 -0.95 0.00	56.55 -1.33 0.00	77.37 -1.82 0.00	95.75 -2.06 0.00	86.29 -1.68 -3.90	79.45 -1.24 -3.23	69.69 -0.82 -2.19	51.69 -0.52 -0.31	46.04 -0.46 0.00	42.67 -0.52 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	39.70 2.21 -3.42	37.80 1.85 -5.10	36.68 1.59 -8.54	34.89 1.50 -8.02	34.14 1.43 -8.10	36.19 1.64 -6.31	38.41 2.01 -2.37	40.24 2.29 -2.72	42.85 2.21 -5.07	38.18 2.46 1.03	53.20 3.09 -7.23	56.10 3.08 -10.22	71.69 3.39 -21.89	73.45 3.67 -23.32	83.72 4.12 -32.21	80.71 5.61 -17.21	91.54 7.60 -4.75	99.28 9.39 7.92	85.32 7.99 6.74	96.77 6.51 -12.80	81.50 4.92 -8.27	59.12 3.79 -3.43	53.59 3.12 -3.98	45.82 2.63 0.00
HARSNRAD_115KV_TB1 81005	34.11 -0.48 -0.52	31.13 -0.49 -0.79	27.39 -0.48 -1.32	26.08 -0.53 -1.24	25.30 -0.57 -1.25	28.45 -0.76 -0.97	33.59 -0.88 -0.45	34.56 -1.09 -0.42	35.32 -1.03 -0.77	36.07 -1.25 -0.57	42.74 -1.24 -1.10	43.32 -1.03 -1.55	48.72 -1.02 -3.32	49.49 -0.51 -3.54	51.73 -0.28 -4.64	64.68 0.35 -6.45	85.15 0.08 -5.88	101.73 -0.59 -4.51	87.20 0.00 -3.13	79.33 -0.08 -1.94	70.52 0.96 -1.25	53.20 0.78 -0.52	46.78 -0.33 -0.60	43.27 0.09 0.00
HARZA MOOSE___RIVER 24016	34.51 0.44 0.00	31.31 0.31 -0.16	27.15 0.27 -0.33	25.89 0.20 -0.31	25.18 0.25 -0.32	28.88 0.40 -0.25	34.76 0.61 -0.11	35.87 0.53 -0.10	36.11 0.53 0.00	37.11 0.37 0.00	43.36 0.47 0.00	43.49 0.68 0.00	47.25 0.84 0.00	47.16 0.70 0.00	47.71 0.33 0.00	63.79 0.46 -5.45	95.16 0.79 -15.18	123.07 1.66 -23.60	121.31 1.68 -35.56	109.30 2.94 -28.89	91.21 2.87 -20.03	56.81 2.18 -2.73	48.18 1.67 0.00	44.27 1.08 0.00

HDSNBRDG_115KV_BRDG_TB1 355580	33.93 -0.14 0.00	31.13 -0.09 -0.39	27.27 -0.11 -0.82	26.07 -0.08 -0.77	25.32 -0.07 -0.78	28.70 -0.14 -0.61	34.18 -0.14 -0.28	35.35 -0.14 -0.26	35.47 -0.11 0.00	36.63 -0.11 0.00	42.89 0.00 0.00	42.89 0.09 0.00	46.60 0.19 0.00	46.70 0.23 0.00	47.62 0.24 0.00	62.45 0.58 -3.99	83.37 0.55 -3.63	102.90 0.59 -4.50	91.21 0.67 -6.47	82.13 0.62 -4.04	72.43 0.61 -3.50	52.75 0.47 -0.38	46.55 0.05 0.00	43.10 -0.09 0.00
HELLGATE_13_KV_LD 55870	40.61 2.83 -3.72	38.70 2.31 -5.54	37.84 2.02 -9.27	36.03 1.95 -8.70	35.23 1.82 -8.79	37.06 1.98 -6.85	40.04 2.52 -3.49	41.11 2.92 -2.95	43.89 2.81 -5.50	47.00 3.09 -7.17	54.03 3.30 -7.84	57.01 3.12 -11.08	68.23 3.30 -18.52	72.07 3.67 -21.93	81.41 4.60 -29.43	132.77 6.25 -68.63	160.29 8.55 -72.55	174.61 10.56 -66.24	126.07 8.91 -33.09	96.74 6.82 -12.46	78.89 5.06 -5.52	56.00 3.89 -0.20	52.91 3.35 -3.06	46.30 3.11 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	40.61 2.83 -3.72	38.70 2.31 -5.54	37.84 2.02 -9.27	36.03 1.95 -8.70	35.23 1.82 -8.79	37.06 1.98 -6.85	40.04 2.52 -3.49	41.11 2.92 -2.95	43.89 2.81 -5.50	47.00 3.09 -7.17	54.03 3.30 -7.84	57.01 3.12 -11.08	68.23 3.30 -18.52	72.07 3.67 -21.93	81.41 4.60 -29.43	132.77 6.25 -68.63	160.29 8.55 -72.55	174.61 10.56 -66.24	126.07 8.91 -33.09	96.74 6.82 -12.46	78.89 5.06 -5.52	56.00 3.89 -0.20	52.91 3.35 -3.06	46.30 3.11 0.00
HEMPSTEAD____ 23647	54.38 3.17 -17.14	39.80 2.68 -6.28	38.19 2.36 -9.28	36.31 2.23 -8.70	35.55 2.14 -8.80	37.47 2.37 -6.86	40.56 3.03 -3.50	43.25 3.42 -4.60	52.02 3.38 -13.06	68.02 3.64 -27.64	77.46 4.03 -30.54	78.68 3.94 -31.94	81.88 4.18 -31.29	97.04 4.51 -46.07	99.87 5.35 -47.14	133.49 7.12 -68.49	161.28 9.74 -72.35	175.74 11.93 -66.00	141.33 10.08 -47.18	99.57 8.21 -13.90	83.80 6.49 -8.99	80.90 4.83 -24.17	78.94 4.28 -28.17	75.69 3.80 -28.70
HEWLETT__69_KV_BK3 55828	54.85 3.64 -17.14	40.14 3.02 -6.28	38.50 2.68 -9.27	36.59 2.51 -8.70	35.82 2.41 -8.80	37.86 2.77 -6.85	40.89 3.37 -3.49	43.46 3.63 -4.60	52.34 3.70 -13.06	68.39 4.01 -27.64	77.93 4.50 -30.54	79.19 4.45 -31.94	82.44 4.73 -31.29	97.74 5.20 -46.07	100.53 6.02 -47.13	134.34 7.99 -68.47	162.45 10.93 -72.34	177.20 13.40 -65.99	142.75 11.52 -47.17	100.73 9.37 -13.89	84.82 7.51 -8.99	81.63 5.55 -24.17	79.64 4.98 -28.17	76.29 4.40 -28.70
HICKLING__1 23621	35.80 0.82 -0.92	32.70 0.56 -1.31	29.13 0.42 -2.15	27.75 0.36 -2.02	26.95 0.30 -2.04	30.19 0.37 -1.59	35.29 0.54 -0.71	36.48 0.56 -0.68	37.79 0.85 -1.36	38.34 0.77 -0.82	45.90 1.07 -1.94	46.78 1.24 -2.74	53.77 1.49 -5.87	54.58 1.86 -6.26	57.71 2.13 -8.20	71.35 2.89 -10.57	92.69 3.88 -9.63	110.75 4.60 -8.35	94.06 4.54 -5.45	85.39 4.49 -3.43	75.33 4.37 -2.64	56.09 3.27 -0.92	49.61 2.05 -1.07	44.91 1.73 0.00
HICKLING__2 23622	35.80 0.82 -0.92	32.70 0.56 -1.31	29.13 0.42 -2.15	27.75 0.36 -2.02	26.95 0.30 -2.04	30.19 0.37 -1.59	35.29 0.54 -0.71	36.48 0.56 -0.68	37.79 0.85 -1.36	38.34 0.77 -0.82	45.90 1.07 -1.94	46.78 1.24 -2.74	53.77 1.49 -5.87	54.58 1.86 -6.26	57.71 2.13 -8.20	71.35 2.89 -10.57	92.69 3.88 -9.63	110.75 4.60 -8.35	94.06 4.54 -5.45	85.39 4.49 -3.43	75.33 4.37 -2.64	56.09 3.27 -0.92	49.61 2.05 -1.07	44.91 1.73 0.00
HIGH FALLS__HY 23754	40.43 2.32 -4.05	38.38 1.94 -5.60	37.38 1.67 -9.16	35.54 1.57 -8.60	34.81 1.50 -8.69	36.70 1.69 -6.77	39.24 2.04 -3.16	40.48 2.33 -2.92	43.78 2.21 -6.00	44.27 2.57 -4.95	54.79 3.35 -8.55	58.40 3.51 -12.09	75.72 3.85 -25.45	76.84 3.72 -26.65	84.57 4.12 -33.06	108.27 5.79 -44.60	126.11 7.68 -39.24	136.48 9.59 -29.08	114.16 8.07 -22.02	99.42 6.82 -15.14	83.15 5.06 -9.78	60.06 4.10 -4.05	54.51 3.30 -4.71	45.91 2.72 0.00
HILLBURN__GT 23639	39.56 2.01 -3.48	37.70 1.66 -5.20	36.73 1.49 -8.69	34.93 1.39 -8.16	34.19 1.33 -8.25	36.16 1.50 -6.43	38.36 1.90 -2.43	40.26 2.26 -2.77	42.98 2.24 -5.16	38.29 2.50 0.95	53.29 3.05 -7.36	56.20 3.00 -10.40	71.90 3.20 -22.29	73.70 3.49 -23.74	84.35 4.12 -32.85	76.98 5.56 -13.54	86.18 7.53 0.54	93.08 9.30 14.03	80.69 7.82 11.20	96.54 6.05 -13.03	81.31 4.58 -8.42	58.82 3.42 -3.49	53.43 2.88 -4.05	45.65 2.46 0.00
HILLSIDE_115KV_TB1 80332	35.09 0.07 -0.96	32.07 -0.12 -1.35	28.65 -0.13 -2.22	27.28 -0.18 -2.09	26.53 -0.20 -2.11	29.68 -0.20 -1.64	34.60 -0.17 -0.73	35.76 -0.18 -0.71	37.13 0.14 -1.41	37.67 0.07 -0.86	45.12 0.21 -2.01	46.03 0.39 -2.85	53.02 0.51 -6.10	53.84 0.88 -6.49	56.98 1.09 -8.51	70.32 1.50 -10.93	91.05 1.90 -9.96	108.60 2.15 -8.64	92.06 2.35 -5.64	83.43 2.40 -3.56	73.52 2.46 -2.75	54.72 1.87 -0.95	48.54 0.93 -1.11	43.92 0.73 0.00
HISHELD_N_WT_PWR 323625	34.39 -0.31 -0.63	31.28 -0.49 -0.93	27.65 -0.45 -1.55	26.30 -0.53 -1.46	25.52 -0.57 -1.47	28.68 -0.70 -1.15	33.74 -0.82 -0.53	34.78 -0.95 -0.49	35.88 -0.64 -0.94	36.67 -0.77 -0.70	43.49 -0.73 -1.33	44.22 -0.47 -1.89	50.18 -0.28 -4.04	50.82 0.05 -4.31	53.50 0.47 -5.64	66.58 1.04 -7.65	87.50 1.34 -6.97	104.23 1.08 -5.34	89.41 1.59 -3.75	81.76 1.94 -2.36	72.37 2.53 -1.53	54.51 1.97 -0.63	47.89 0.65 -0.73	44.09 0.91 0.00
HOLTSVILLE_IC_1 23690	55.02 3.81 -17.14	40.33 3.21 -6.28	38.64 2.81 -9.28	36.69 2.61 -8.70	35.95 2.54 -8.80	37.92 2.82 -6.86	41.24 3.71 -3.50	43.99 4.16 -4.60	52.95 4.30 -13.07	68.91 4.52 -27.65	78.42 4.93 -30.60	79.46 4.67 -32.00	91.01 4.69 -39.90	128.12 4.74 -76.92	141.11 5.59 -88.14	270.46 7.29 -205.28	263.88 9.98 -174.71	267.86 12.03 -158.02	281.23 10.42 -186.74	184.63 8.75 -98.42	117.39 7.24 -41.84	93.50 5.45 -36.15	88.10 5.07 -36.53	83.12 4.75 -35.18
HOLTSVILLE_IC_10 23699	55.33 4.12 -17.14	40.61 3.48 -6.28	38.86 3.03 -9.28	36.87 2.79 -8.70	36.12 2.71 -8.80	38.15 3.05 -6.86	41.51 3.98 -3.50	44.31 4.48 -4.60	53.31 4.66 -13.07	69.28 4.89 -27.65	78.77 5.27 -30.60	79.81 5.01 -32.00	92.02 5.15 -40.46	130.58 5.20 -78.91	151.58 6.11 -98.08	294.53 8.04 -228.60	313.85 11.00 -223.65	325.21 13.30 -214.10	352.73 11.52 -257.14	191.06 9.76 -103.84	120.41 8.13 -43.97	94.94 6.12 -36.92	89.14 5.58 -37.07	83.96 5.18 -35.59
HOLTSVILLE_IC_2 23691	55.02 3.81 -17.14	40.33 3.21 -6.28	38.64 2.81 -9.28	36.69 2.61 -8.70	35.95 2.54 -8.80	37.92 2.82 -6.86	41.24 3.71 -3.50	43.99 4.16 -4.60	52.95 4.30 -13.07	68.91 4.52 -27.65	78.42 4.93 -30.60	79.46 4.67 -32.00	91.01 4.69 -39.90	128.12 4.74 -76.92	141.11 5.59 -88.14	270.46 7.29 -205.28	263.88 9.98 -174.71	267.86 12.03 -158.02	281.23 10.42 -186.74	184.63 8.75 -98.42	117.39 7.24 -41.84	93.50 5.45 -36.15	88.10 5.07 -36.53	83.12 4.75 -35.18
HOLTSVILLE_IC_3 23692	55.02 3.81 -17.14	40.33 3.21 -6.28	38.64 2.81 -9.28	36.69 2.61 -8.70	35.95 2.54 -8.80	37.92 2.82 -6.86	41.24 3.71 -3.50	43.99 4.16 -4.60	52.95 4.30 -13.07	68.91 4.52 -27.65	78.42 4.93 -30.60	79.46 4.67 -32.00	91.01 4.69 -39.90	128.12 4.74 -76.92	141.11 5.59 -88.14	270.46 7.29 -205.28	263.88 9.98 -174.71	267.86 12.03 -158.02	281.23 10.42 -186.74	184.63 8.75 -98.42	117.39 7.24 -41.84	93.50 5.45 -36.15	88.10 5.07 -36.53	83.12 4.75 -35.18

HOLTSVILLE_IC_4 23693	55.02 3.81 -17.14	40.33 3.21 -6.28	38.64 2.81 -9.28	36.69 2.61 -8.70	35.95 2.54 -8.80	37.92 2.82 -6.86	41.24 3.71 -3.50	43.99 4.16 -4.60	52.95 4.30 -13.07	68.91 4.52 -27.65	78.42 4.93 -30.60	79.46 4.67 -32.00	91.01 4.69 -39.90	128.12 4.74 -76.92	141.11 5.59 -88.14	270.46 7.29 -205.28	263.88 9.98 -174.71	267.86 12.03 -158.02	281.23 10.42 -186.74	184.63 -98.42	117.39 7.24 -41.84	93.50 5.45 -36.15	88.10 5.07 -36.53	83.12 4.75 -35.18
HOLTSVILLE_IC_5 23694	55.02 3.81 -17.14	40.33 3.21 -6.28	38.64 2.81 -9.28	36.69 2.61 -8.70	35.95 2.54 -8.80	37.92 2.82 -6.86	41.24 3.71 -3.50	43.99 4.16 -4.60	52.95 4.30 -13.07	68.91 4.52 -27.65	78.42 4.93 -30.60	79.46 4.67 -32.00	91.01 4.69 -39.90	128.12 4.74 -76.92	141.11 5.59 -88.14	270.46 7.29 -205.28	263.88 9.98 -174.71	267.86 12.03 -158.02	281.23 10.42 -186.74	184.63 8.75 -98.42	117.39 7.24 -41.84	93.50 5.45 -36.15	88.10 5.07 -36.53	83.12 4.75 -35.18
HOLTSVILLE_IC_6 23695	55.33 4.12 -17.14	40.61 3.48 -6.28	38.86 3.03 -9.28	36.87 2.79 -8.70	36.12 2.71 -8.80	38.15 3.05 -6.86	41.51 3.98 -3.50	44.31 4.48 -4.60	53.31 4.66 -13.07	69.28 4.89 -27.65	78.77 5.27 -30.60	79.81 5.01 -32.00	92.02 5.15 -40.46	130.58 5.20 -78.91	151.58 6.11 -98.08	294.53 8.04 -228.60	313.85 11.00 -223.65	325.21 13.30 -214.10	352.73 11.52 -257.14	191.06 9.76 -103.84	120.41 8.13 -43.97	94.94 6.12 -36.92	89.14 5.58 -37.07	83.96 5.18 -35.59
HOLTSVILLE_IC_7 23696	55.33 4.12 -17.14	40.61 3.48 -6.28	38.86 3.03 -9.28	36.87 2.79 -8.70	36.12 2.71 -8.80	38.15 3.05 -6.86	41.51 3.98 -3.50	44.31 4.48 -4.60	53.31 4.66 -13.07	69.28 4.89 -27.65	78.77 5.27 -30.60	79.81 5.01 -32.00	92.02 5.15 -40.46	130.58 5.20 -78.91	151.58 6.11 -98.08	294.53 8.04 -228.60	313.85 11.00 -223.65	325.21 13.30 -214.10	352.73 11.52 -257.14	191.06 9.76 -103.84	120.41 8.13 -43.97	94.94 6.12 -36.92	89.14 5.58 -37.07	83.96 5.18 -35.59
HOLTSVILLE_IC_8 23697	55.33 4.12 -17.14	40.61 3.48 -6.28	38.86 3.03 -9.28	36.87 2.79 -8.70	36.12 2.71 -8.80	38.15 3.05 -6.86	41.51 3.98 -3.50	44.31 4.48 -4.60	53.31 4.66 -13.07	69.28 4.89 -27.65	78.77 5.27 -30.60	79.81 5.01 -32.00	92.02 5.15 -40.46	130.58 5.20 -78.91	151.58 6.11 -98.08	294.53 8.04 -228.60	313.85 11.00 -223.65	325.21 13.30 -214.10	352.73 11.52 -257.14	191.06 9.76 -103.84	120.41 8.13 -43.97	94.94 6.12 -36.92	89.14 5.58 -37.07	83.96 5.18 -35.59
HOLTSVILLE_IC_9 23698	55.33 4.12 -17.14	40.61 3.48 -6.28	38.86 3.03 -9.28	36.87 2.79 -8.70	36.12 2.71 -8.80	38.15 3.05 -6.86	41.51 3.98 -3.50	44.31 4.48 -4.60	53.31 4.66 -13.07	69.28 4.89 -27.65	78.77 5.27 -30.60	79.81 5.01 -32.00	92.02 5.15 -40.46	130.58 5.20 -78.91	151.58 6.11 -98.08	294.53 8.04 -228.60	313.85 11.00 -223.65	325.21 13.30 -214.10	352.73 11.52 -257.14	191.06 9.76 -103.84	120.41 8.13 -43.97	94.94 6.12 -36.92	89.14 5.58 -37.07	83.96 5.18 -35.59
HOMER_HL_115KV_TB2 355744	34.50 -0.24 -0.67	30.65 -1.17 -0.98	27.16 -1.04 -1.64	25.84 -1.07 -1.54	25.06 -1.11 -1.55	28.15 -1.30 -1.21	33.16 -1.43 -0.56	34.41 -1.34 -0.52	36.40 -0.18 -1.00	36.75 -0.73 -0.74	43.53 -0.77 -1.42	44.25 -0.56 -2.01	50.25 -0.46 -4.30	51.32 0.28 -4.58	54.09 0.71 -6.00	65.98 0.06 -8.04	86.27 -0.24 -7.32	102.64 -0.78 -5.61	87.85 -0.17 -3.95	81.37 1.39 -2.51	71.92 1.98 -1.62	54.13 1.56 -0.67	47.65 0.37 -0.78	43.66 0.48 0.00
HOWARD_WT_PWR 323690	35.23 0.41 -0.76	32.05 0.12 -1.09	28.38 0.03 -1.80	27.04 -0.03 -1.69	26.28 -0.05 -1.71	29.51 -0.06 -1.33	34.63 0.00 -0.60	35.67 -0.14 -0.57	36.88 0.18 -1.12	37.46 0.04 -0.68	44.70 0.22 -1.59	45.57 0.52 -2.25	52.08 0.84 -4.83	52.72 1.11 -5.14	55.35 1.23 -6.74	68.68 1.91 -8.89	90.06 2.77 -8.10	108.04 3.33 -6.91	92.38 3.79 -4.52	84.39 4.10 -2.82	74.82 4.38 -2.13	55.98 3.32 -0.76	49.33 1.95 -0.88	45.00 1.81 0.00
HQ_GEN_CEDARS 23644	33.18 -0.89 0.00	29.95 -0.89 0.00	25.78 -0.77 0.00	24.64 -0.74 0.00	23.95 -0.66 0.00	27.50 -0.73 0.00	33.08 -0.95 0.00	34.21 -1.02 0.00	34.58 -1.00 0.00	35.60 0.00 0.00	41.52 -1.37 0.00	41.35 -1.46 0.00	44.74 -1.67 0.00	44.84 -1.63 0.00	45.30 -2.08 0.00	46.92 -3.70 7.26	46.92 -5.46 26.80	47.02 -6.46 44.34	46.92 -5.30 31.85	46.92 -4.18 26.36	46.92 -3.48 17.91	46.92 -2.49 2.49	45.01 -1.49 0.00	41.98 -1.21 0.00
HQ_GEN_CEDARS_PROXY 323590	33.18 -0.89 0.00	29.95 -0.90 0.00	25.78 -0.77 0.00	24.64 -0.74 0.00	23.95 -0.66 0.00	27.50 -0.73 0.00	33.08 -0.95 0.00	34.21 -1.02 0.00	34.58 -1.14 0.00	35.60 0.00 0.00	41.51 -1.37 0.00	41.35 -1.46 0.00	44.75 -1.67 0.00	44.89 -1.58 0.00	45.30 -2.08 0.00	46.92 -3.71 7.26	46.92 -5.46 26.80	46.92 -6.55 44.34	46.92 -5.29 31.85	46.92 -4.18 26.36	46.92 -3.48 17.91	46.92 -2.49 2.49	45.01 -1.49 0.00	41.98 -1.21 0.00
HQ_GEN_IMPORT 323601	33.45 -0.61 0.00	30.25 -0.59 0.00	26.05 -0.51 0.00	24.92 -0.46 0.00	24.17 -0.44 0.00	27.73 -0.51 0.00	33.38 -0.65 0.00	34.56 -0.67 0.00	34.94 -0.64 0.00	36.01 -0.73 0.00	41.99 -0.90 0.00	41.86 -0.94 0.00	45.35 -1.07 0.00	45.35 -1.12 0.00	45.96 -1.42 0.00	55.04 -1.97 0.87	73.57 -2.61 3.01	90.06 -3.13 4.62	72.51 -2.86 8.70	67.78 -2.48 7.20	61.30 -2.12 4.89	49.56 -1.66 0.68	45.38 -1.12 0.00	42.32 -0.86 0.00
HQ_GEN_WHEEL 23651	33.45 -0.61 0.00	30.25 -0.59 0.00	26.05 -0.51 0.00	24.92 -0.46 0.00	24.17 -0.44 0.00	27.73 -0.51 0.00	33.38 -0.65 0.00	34.56 -0.67 0.00	34.94 -0.64 0.00	36.01 -0.73 0.00	41.99 -0.90 0.00	41.86 -0.94 0.00	45.35 -1.07 0.00	45.35 -1.12 0.00	45.96 -1.42 0.00	55.04 -1.97 0.87	73.57 -2.61 3.01	90.06 -3.13 4.62	72.51 -2.86 8.70	67.78 -2.48 7.20	61.30 -2.12 4.89	49.56 -1.66 0.68	45.38 -1.12 0.00	42.32 -0.86 0.00
HUDSON_AVE_GT_3 23810	40.57 2.79 -3.71	38.66 2.28 -5.54	37.84 2.02 -9.27	36.00 1.93 -8.70	35.23 1.82 -8.79	37.12 2.03 -6.85	40.10 2.59 -3.49	41.22 3.03 -2.95	44.07 2.99 -5.50	47.22 3.31 -7.17	54.42 3.69 -7.84	57.44 3.55 -11.09	73.98 3.67 -23.90	76.21 4.14 -25.61	87.64 5.02 -35.23	133.29 6.77 -68.64	160.94 9.19 -72.57	175.41 11.35 -66.25	141.01 9.58 -47.36	98.94 7.59 -13.89	83.09 5.81 -8.97	59.88 4.26 -3.72	54.54 3.72 -4.32	46.51 3.33 0.00
HUDSON_AVE_GT_4 23540	40.57 2.79 -3.71	38.66 2.28 -5.54	37.84 2.02 -9.27	36.00 1.93 -8.70	35.23 1.82 -8.79	37.12 2.03 -6.85	40.10 2.59 -3.49	41.22 3.03 -2.95	44.07 2.99 -5.50	47.22 3.31 -7.17	54.42 3.69 -7.84	57.44 3.55 -11.09	73.98 3.67 -23.90	76.21 4.14 -25.61	87.64 5.02 -35.23	133.29 6.77 -68.64	160.94 9.19 -72.57	175.41 11.35 -66.25	141.01 9.58 -47.36	98.94 7.59 -13.89	83.09 5.81 -8.97	59.88 4.26 -3.72	54.54 3.72 -4.32	46.51 3.33 0.00
HUDSON_AVE_GT_5 23657	40.57 2.79 -3.71	38.66 2.28 -5.54	37.84 2.02 -9.27	36.00 1.93 -8.70	35.23 1.82 -8.79	37.12 2.03 -6.85	40.10 2.59 -3.49	41.22 3.03 -2.95	44.07 2.99 -5.50	47.22 3.31 -7.17	54.42 3.69 -7.84	57.44 3.55 -11.09	73.98 3.67 -23.90	76.21 4.14 -25.61	87.64 5.02 -35.23	133.29 6.77 -68.64	160.94 9.19 -72.57	175.41 11.35 -66.25	141.01 9.58 -47.36	98.94 7.59 -13.89	83.09 5.81 -8.97	59.88 4.26 -3.72	54.54 3.72 -4.32	46.51 3.33 0.00

HUDSON_AVE_10 24168	40.47 2.69 -3.71	38.57 2.19 -5.54	37.76 1.94 -9.27	35.92 1.85 -8.70	35.18 1.77 -8.79	37.06 1.98 -6.85	40.04 2.52 -3.49	41.15 2.96 -2.95	44.03 2.95 -5.50	47.18 3.27 -7.17	54.29 3.56 -7.84	57.27 3.38 -11.09	73.84 3.53 -23.90	76.07 4.00 -25.61	87.49 4.88 -35.23	133.18 6.66 -68.64	160.78 9.03 -72.57	175.11 11.05 -66.25	140.84 9.42 -47.36	98.79 7.44 -13.89	82.95 5.67 -8.97	59.77 4.15 -3.72	54.44 3.63 -4.32	46.42 3.24 0.00
HUDSON___115KV_TB 4 355613	43.10 1.91 -7.13	40.30 1.76 -7.70	39.46 1.38 -11.52	37.48 1.29 -10.82	36.83 1.28 -10.93	38.25 1.50 -8.52	39.95 1.80 -4.12	40.67 1.76 -3.67	47.78 1.64 -10.57	48.17 1.73 -9.70	59.80 1.84 -15.07	65.86 1.75 -21.30	90.53 1.95 -42.16	89.84 2.00 -41.38	85.30 2.08 -35.83	120.56 2.72 -59.95	135.32 3.88 -52.26	141.76 4.89 -39.06	123.70 3.87 -35.76	107.94 3.80 -26.68	88.90 3.35 -17.23	61.80 2.75 -7.14	57.35 2.56 -8.29	45.52 2.33 0.00
HUNTER MOUNT___DRP 323613	42.64 2.11 -6.46	40.12 1.97 -7.30	39.23 1.54 -11.14	37.28 1.45 -10.46	36.61 1.43 -10.57	38.16 1.69 -8.23	39.98 1.97 -3.97	40.65 1.87 -3.55	46.86 1.71 -9.58	47.36 1.80 -8.81	58.43 1.89 -13.65	63.82 1.71 -19.31	87.11 1.95 -38.74	87.03 1.95 -38.61	86.18 1.99 -36.81	117.06 2.72 -56.46	129.88 3.96 -46.74	135.96 5.09 -33.06	119.72 3.78 -31.86	105.67 4.03 -24.18	87.48 3.55 -15.62	61.39 3.01 -6.47	56.90 2.88 -7.51	45.86 2.68 0.00
HUNTINGTON_RES_REC 323705	54.89 3.68 -17.14	40.18 3.05 -6.28	38.51 2.68 -9.28	36.56 2.49 -8.70	35.77 2.36 -8.80	37.72 2.63 -6.86	40.96 3.44 -3.50	43.74 3.91 -4.60	52.73 4.05 -13.09	68.72 4.30 -27.68	78.30 4.72 -30.70	79.39 4.49 -32.09	97.05 4.69 -45.95	175.02 4.88 -123.68	243.33 5.73 -190.22	685.62 7.52 -620.22	959.12 10.29 -869.65	1119.50 12.62 -1009.07	1312.50 10.85 -1217.58	262.23 9.14 -175.63	167.67 7.72 -91.64	102.29 5.86 -44.52	93.87 4.98 -42.39	87.71 4.79 -39.73
HUNTLEY___63 23557	34.71 0.10 -0.55	31.63 -0.03 -0.81	27.84 -0.08 -1.36	26.53 -0.13 -1.28	25.74 -0.17 -1.29	28.91 -0.34 -1.01	34.09 -0.41 -0.46	35.00 -0.67 -0.43	35.92 -0.46 -0.80	36.64 -0.70 -0.60	43.52 -0.51 -1.14	43.99 -0.43 -1.62	49.37 -0.51 -3.47	50.21 0.05 -3.69	52.51 0.28 -4.84	65.53 0.98 -6.67	86.31 1.03 -6.10	103.07 0.59 -4.67	88.25 0.92 -3.25	80.34 0.85 -2.03	71.26 1.64 -1.31	53.79 1.35 -0.54	47.27 0.14 -0.63	43.96 0.78 0.00
HUNTLEY___64 23558	34.71 0.10 -0.55	31.63 -0.03 -0.81	27.84 -0.08 -1.36	26.53 -0.13 -1.28	25.74 -0.17 -1.29	28.91 -0.34 -1.01	34.09 -0.41 -0.46	35.00 -0.67 -0.43	35.92 -0.46 -0.80	36.64 -0.70 -0.60	43.52 -0.51 -1.14	43.99 -0.43 -1.62	49.37 -0.51 -3.47	50.21 0.05 -3.69	52.51 0.28 -4.84	65.53 0.98 -6.67	86.31 1.03 -6.10	103.07 0.59 -4.67	88.25 0.92 -3.25	80.34 0.85 -2.03	71.26 1.64 -1.31	53.79 1.35 -0.54	47.27 0.14 -0.63	43.96 0.78 0.00
HUNTLEY___65 23559	34.71 0.10 -0.55	31.63 -0.03 -0.81	27.84 -0.08 -1.36	26.53 -0.13 -1.28	25.74 -0.17 -1.29	28.91 -0.34 -1.01	34.09 -0.41 -0.46	35.00 -0.67 -0.43	35.92 -0.46 -0.80	36.64 -0.70 -0.60	43.52 -0.51 -1.14	43.99 -0.43 -1.62	49.37 -0.51 -3.47	50.21 0.05 -3.69	52.51 0.28 -4.84	65.53 0.98 -6.67	86.31 1.03 -6.10	103.07 0.59 -4.67	88.25 0.92 -3.25	80.34 0.85 -2.03	71.26 1.64 -1.31	53.79 1.35 -0.54	47.27 0.14 -0.63	43.96 0.78 0.00
HUNTLEY___66 23560	34.71 0.10 -0.55	31.63 -0.03 -0.81	27.84 -0.08 -1.36	26.53 -0.13 -1.28	25.74 -0.17 -1.29	28.91 -0.34 -1.01	34.09 -0.41 -0.46	35.00 -0.67 -0.43	35.92 -0.46 -0.80	36.64 -0.70 -0.60	43.52 -0.51 -1.14	43.99 -0.43 -1.62	49.37 -0.51 -3.47	50.21 0.05 -3.69	52.51 0.28 -4.84	65.53 0.98 -6.67	86.31 1.03 -6.10	103.07 0.59 -4.67	88.25 0.92 -3.25	80.34 0.85 -2.03	71.26 1.64 -1.31	53.79 1.35 -0.54	47.27 0.14 -0.63	43.96 0.78 0.00
HUNTLEY___67 23561	34.45 -0.17 -0.56	31.37 -0.31 -0.83	27.65 -0.29 -1.39	26.32 -0.36 -1.31	25.54 -0.39 -1.32	28.70 -0.56 -1.03	33.86 -0.65 -0.47	34.87 -0.81 -0.44	35.76 -0.64 -0.82	36.51 -0.85 -0.61	43.29 -0.77 -1.17	43.90 -0.56 -1.66	49.50 -0.46 -3.55	50.29 0.05 -3.78	52.67 0.33 -4.96	65.70 0.98 -6.83	86.44 1.03 -6.22	103.16 0.59 -4.77	88.49 1.09 -3.33	80.55 1.01 -2.08	71.43 1.78 -1.34	53.81 1.35 -0.56	47.33 0.19 -0.65	43.75 0.56 0.00
HUNTLEY___68 23562	34.45 -0.17 -0.56	31.37 -0.31 -0.83	27.65 -0.29 -1.39	26.32 -0.36 -1.31	25.54 -0.39 -1.32	28.70 -0.56 -1.03	33.86 -0.65 -0.47	34.87 -0.81 -0.44	35.76 -0.64 -0.82	36.51 -0.85 -0.61	43.29 -0.77 -1.17	43.90 -0.56 -1.66	49.50 -0.46 -3.55	50.29 0.05 -3.78	52.67 0.33 -4.96	65.70 0.98 -6.83	86.44 1.03 -6.22	103.16 0.59 -4.77	88.49 1.09 -3.33	80.55 1.01 -2.08	71.43 1.78 -1.34	53.81 1.35 -0.56	47.33 0.19 -0.65	43.75 0.56 0.00
HYLAND___LFGE 323620	36.62 1.94 -0.61	33.40 1.66 -0.90	29.41 1.35 -1.50	27.97 1.19 -1.41	27.17 1.13 -1.42	30.70 1.36 -1.11	36.04 1.50 -0.51	36.77 1.06 -0.48	37.05 0.57 -0.90	37.56 0.15 -0.67	43.14 -1.03 -1.28	43.59 -1.03 -1.82	49.51 -0.79 -3.89	49.77 -0.84 -4.14	50.06 -2.75 -5.43	63.95 -1.33 -7.39	84.18 -1.74 -6.73	99.83 -3.13 -5.16	85.66 -2.02 -3.61	79.27 -0.46 -2.27	71.42 1.64 -1.47	53.91 1.40 -0.61	49.67 2.46 -0.71	45.52 2.33 0.00
INDECK___CORINTH 23802	48.28 2.25 -11.97	42.54 2.04 -9.66	40.46 1.54 -12.37	38.46 1.47 -11.61	37.81 1.45 -11.74	39.13 1.75 -9.14	40.62 2.18 -4.41	41.54 2.36 -3.94	55.81 2.49 -17.74	54.47 2.65 -15.08	71.14 2.96 -25.30	81.66 3.08 -35.77	127.94 3.53 -77.99	133.94 2.98 -84.50	165.63 2.79 -115.45	127.67 3.24 -66.55	146.80 4.59 -63.02	154.03 5.47 -50.75	139.81 5.55 -50.19	127.84 5.58 -44.79	102.58 5.33 -28.94	68.05 4.15 -11.99	63.82 3.39 -13.92	46.12 2.94 0.00
INDECK___ILION 23567	34.00 -0.07 0.00	30.75 -0.09 0.00	26.47 -0.08 0.00	25.25 -0.13 0.00	24.52 -0.10 0.00	28.15 -0.08 0.00	33.96 -0.07 0.00	35.13 -0.11 0.00	35.47 -0.11 0.00	36.60 -0.15 0.00	42.89 0.00 0.00	42.89 0.09 0.00	46.51 0.09 0.00	46.51 0.05 0.00	47.19 -0.19 0.00	57.59 -0.29 0.00	78.79 -0.40 0.00	97.42 -0.39 0.00	87.64 -0.34 -3.90	80.61 -0.08 -3.23	70.58 0.07 -2.19	52.31 0.10 -0.31	46.50 0.00 0.00	43.10 -0.09 0.00
INDECK___OLEAN 23982	34.47 -0.27 -0.67	30.65 -1.17 -0.98	27.15 -1.04 -1.64	25.85 -1.06 -1.54	25.06 -1.11 -1.55	28.18 -1.27 -1.21	33.19 -1.40 -0.56	34.42 -1.34 -0.52	36.40 -0.18 -1.00	36.78 -0.70 -0.74	43.54 -0.77 -1.42	44.25 -0.56 -2.01	50.34 -0.37 -4.30	51.24 0.19 -4.58	54.10 0.71 -6.01	66.02 0.06 -8.08	86.31 -0.24 -7.36	102.66 -0.79 -5.64	87.78 -0.25 -3.97	81.37 1.40 -2.52	71.92 1.98 -1.62	54.19 1.61 -0.67	47.52 0.23 -0.78	43.66 0.48 0.00
INDECK___OSWEGO 23783	33.35 -0.72 0.00	30.81 -0.37 -0.33	26.92 -0.35 -0.71	25.71 -0.33 -0.67	24.97 -0.32 -0.68	28.40 -0.37 -0.53	33.63 -0.65 -0.24	34.65 -0.81 -0.23	34.76 -0.82 0.00	35.90 -0.84 0.00	41.90 -0.98 0.00	41.90 -0.90 0.00	45.53 -0.88 0.00	45.54 -0.93 0.00	46.48 -0.90 0.00	61.46 -0.87 -4.45	84.23 -1.35 -6.39	111.11 -1.66 -14.96	93.42 -1.35 -10.70	83.16 -1.08 -6.78	75.44 -0.82 -7.94	51.92 -0.62 -0.64	45.67 -0.84 0.00	42.24 -0.95 0.00

INDECK___YERKES 23781	34.75 0.14 -0.55	31.66 0.00 -0.81	27.86 -0.05 -1.36	26.55 -0.10 -1.28	25.76 -0.15 -1.29	28.96 -0.28 -1.01	34.12 -0.37 -0.46	35.04 -0.63 -0.43	35.96 -0.43 -0.80	36.75 -0.59 -0.60	43.56 -0.47 -1.15	44.04 -0.39 -1.62	49.43 -0.46 -3.47	50.03 -0.14 -3.70	52.52 0.29 -4.85	65.57 0.98 -6.70	86.34 1.03 -6.13	103.00 0.49 -4.69	88.26 0.93 -3.27	80.35 0.85 -2.03	71.26 1.64 -1.31	53.85 1.40 -0.54	47.41 0.28 -0.63	44.00 0.82 0.00
INDIAN POINT_GT_1 24139	40.04 2.32 -3.66	38.25 1.94 -5.47	37.39 1.70 -9.14	35.58 1.62 -8.58	34.84 1.55 -8.67	36.72 1.72 -6.76	39.66 2.21 -3.42	40.72 2.57 -2.91	43.53 2.53 -5.43	46.41 2.79 -6.88	53.84 3.22 -7.74	56.87 3.12 -10.94	73.29 3.30 -23.58	75.45 3.72 -25.27	86.67 4.55 -34.74	135.17 6.02 -71.27	163.73 8.16 -76.39	185.20 10.07 -77.31	156.73 8.57 -64.09	97.90 6.74 -13.70	82.36 5.19 -8.85	59.46 3.89 -3.67	54.01 3.26 -4.26	45.99 2.81 0.00
INDIAN POINT_GT_2 23659	40.04 2.32 -3.66	38.25 1.94 -5.47	37.39 1.70 -9.14	35.58 1.62 -8.58	34.84 1.55 -8.67	36.72 1.72 -6.76	39.66 2.21 -3.42	40.72 2.57 -2.91	43.53 2.53 -5.43	46.41 2.79 -6.88	53.84 3.22 -7.74	56.87 3.12 -10.94	73.29 3.30 -23.58	75.45 3.72 -25.27	86.67 4.55 -34.74	135.17 6.02 -71.27	163.73 8.16 -76.39	185.20 10.07 -77.31	156.73 8.57 -64.09	97.90 6.74 -13.70	82.36 5.19 -8.85	59.46 3.89 -3.67	54.01 3.26 -4.26	45.99 2.81 0.00
INDIAN POINT_GT_3 24019	40.04 2.32 -3.66	38.25 1.94 -5.47	37.39 1.70 -9.14	35.58 1.62 -8.58	34.84 1.55 -8.67	36.72 1.72 -6.76	39.66 2.21 -3.42	40.72 2.57 -2.91	43.53 2.53 -5.43	46.41 2.79 -6.88	53.84 3.22 -7.74	56.87 3.12 -10.94	73.29 3.30 -23.58	75.45 3.72 -25.27	86.67 4.55 -34.74	135.17 6.02 -71.27	163.73 8.16 -76.39	185.20 10.07 -77.31	156.73 8.57 -64.09	97.90 6.74 -13.70	82.36 5.19 -8.85	59.46 3.89 -3.67	54.01 3.26 -4.26	45.99 2.81 0.00
INDIAN POINT___2 23530	39.87 2.21 -3.60	38.06 1.85 -5.37	37.15 1.62 -8.98	35.35 1.55 -8.43	34.61 1.48 -8.52	36.51 1.64 -6.64	39.48 2.11 -3.33	40.53 2.43 -2.86	43.33 2.42 -5.33	45.96 2.68 -6.54	53.58 3.09 -7.60	56.54 3.00 -10.75	72.59 3.16 -23.02	74.48 3.49 -24.52	85.75 4.31 -34.06	127.78 5.79 -64.11	154.10 7.84 -67.07	166.31 9.69 -58.81	131.87 8.15 -39.65	97.27 6.35 -13.46	81.93 4.92 -8.69	59.14 3.63 -3.60	53.80 3.12 -4.18	45.91 2.72 0.00
INDIAN POINT___3 23531	39.94 2.21 -3.67	38.16 1.85 -5.47	37.35 1.65 -9.15	35.53 1.57 -8.59	34.77 1.48 -8.68	36.66 1.67 -6.76	39.56 2.11 -3.42	40.58 2.43 -2.91	43.43 2.42 -5.43	46.29 2.68 -6.86	53.68 3.05 -7.74	56.75 3.00 -10.95	73.17 3.16 -23.60	75.23 3.48 -25.28	86.42 4.26 -34.77	143.09 5.73 -79.48	174.40 7.76 -87.45	189.93 9.49 -82.63	151.05 8.07 -58.91	97.53 6.35 -13.71	82.02 4.85 -8.86	59.21 3.63 -3.67	53.88 3.12 -4.26	45.91 2.72 0.00
INGHAM_C_115KV_TB7 356103	33.49 -0.58 0.00	30.29 -0.56 0.00	26.05 -0.50 0.00	24.84 -0.53 0.00	24.12 -0.49 0.00	27.70 -0.54 0.00	33.42 -0.61 0.00	34.56 -0.67 0.00	34.90 -0.68 0.00	36.01 -0.73 0.00	42.33 -0.56 0.00	42.33 -0.47 0.00	45.86 -0.56 0.00	45.82 -0.65 0.00	46.29 -1.09 0.00	56.32 -1.56 0.00	77.13 -2.06 0.00	95.36 -2.45 0.00	85.95 -2.02 -3.90	79.14 -1.55 -3.23	69.35 -1.16 -2.19	51.48 -0.73 -0.31	45.85 -0.65 0.00	42.49 -0.69 0.00
IP CORINTH___1 23988	48.49 2.45 -11.97	42.72 2.22 -9.66	40.62 1.70 -12.37	38.61 1.62 -11.61	37.93 1.58 -11.74	39.27 1.89 -9.14	40.79 2.35 -4.41	41.75 2.57 -3.94	55.99 2.67 -17.74	54.68 2.87 -15.07	71.40 3.22 -25.29	81.90 3.34 -35.76	128.15 3.76 -77.98	134.25 3.30 -84.48	165.89 3.08 -115.43	127.95 3.53 -66.54	147.27 5.07 -63.01	154.62 6.06 -50.75	140.31 6.05 -50.19	128.29 6.04 -44.79	102.98 5.74 -28.93	68.36 4.46 -11.99	64.09 3.67 -13.92	46.38 3.20 0.00
IP___TICONDEROGA 23804	50.43 4.46 -11.90	44.48 4.01 -9.63	41.93 3.03 -12.35	39.89 2.92 -11.60	39.19 2.86 -11.72	40.79 3.42 -9.13	42.72 4.29 -4.41	43.89 4.72 -3.94	58.30 5.09 -17.64	57.07 5.33 -15.00	74.25 6.22 -25.14	84.94 6.59 -35.55	131.42 7.43 -77.58	137.69 7.11 -84.11	169.08 6.49 -115.21	131.59 7.24 -66.47	152.44 10.29 -62.96	160.46 11.93 -50.72	145.11 11.01 -50.03	133.36 11.39 -44.51	107.93 10.86 -28.76	72.18 8.36 -11.92	67.08 6.74 -13.84	49.06 5.87 0.00
ISLIP_RES_REC 323679	55.57 4.36 -17.14	40.82 3.70 -6.28	39.02 3.19 -9.28	37.02 2.94 -8.70	36.29 2.88 -8.80	38.32 3.22 -6.86	41.78 4.25 -3.50	44.59 4.75 -4.60	53.66 5.02 -13.07	69.65 5.25 -27.65	79.24 5.75 -30.60	80.32 5.52 -32.00	92.47 5.75 -40.30	128.30 5.85 -75.98	153.65 6.77 -99.50	280.54 8.79 -213.87	299.94 12.03 -208.72	311.72 14.58 -199.33	333.08 12.61 -236.40	188.79 10.69 -100.63	118.04 8.88 -40.84	95.31 6.70 -36.71	89.46 6.04 -36.92	84.24 5.57 -35.48
JAMAICA__27_KV_LOAD 355505	40.81 3.03 -3.71	38.82 2.44 -5.54	37.97 2.15 -9.27	36.13 2.06 -8.70	35.35 1.94 -8.79	37.29 2.20 -6.85	40.34 2.82 -3.49	41.53 3.35 -2.95	44.46 3.38 -5.50	47.62 3.71 -7.17	54.63 3.90 -7.84	57.66 3.77 -11.09	74.21 3.90 -23.90	76.54 4.46 -25.61	88.02 5.40 -35.23	133.93 7.41 -68.64	161.81 10.06 -72.57	176.48 12.42 -66.25	142.02 10.59 -47.36	99.79 8.44 -13.89	83.84 6.56 -8.97	60.29 4.67 -3.72	55.10 4.28 -4.32	46.94 3.76 0.00
JANIS___SOLAR 323808	36.98 1.74 -1.18	33.76 1.48 -1.44	30.03 1.22 -2.26	28.61 1.12 -2.12	27.87 1.11 -2.14	31.26 1.36 -1.67	36.58 1.80 -0.75	37.61 1.66 -0.72	38.96 1.64 -1.75	39.44 1.58 -1.12	47.27 1.88 -2.49	48.34 2.01 -3.52	56.38 2.41 -7.55	56.83 2.32 -8.04	59.96 2.04 -10.54	71.87 2.84 -11.15	93.38 4.04 -10.15	112.79 5.67 -9.31	96.07 5.72 -6.28	88.69 6.82 -4.41	78.19 6.35 -3.52	57.81 4.72 -1.18	51.22 3.35 -1.37	45.82 2.63 0.00
JARVIS____ 23743	34.20 0.14 0.00	30.97 0.12 0.00	26.66 0.11 0.00	25.48 0.10 0.00	24.71 0.10 0.00	28.35 0.11 0.00	34.20 0.17 0.00	35.41 0.18 0.00	35.76 0.18 0.00	36.89 0.15 0.00	43.06 0.17 0.00	43.02 0.22 0.00	46.65 0.23 0.00	46.70 0.23 0.00	47.62 0.24 0.00	58.17 0.29 0.00	79.59 0.40 0.00	98.30 0.49 0.00	88.48 0.51 -3.90	81.16 0.47 -3.23	70.99 0.48 -2.19	52.62 0.41 -0.31	46.78 0.28 0.00	43.40 0.22 0.00
JENNISON___1 23625	37.81 2.01 -1.74	34.46 1.73 -1.89	30.85 1.46 -2.83	29.35 1.32 -2.66	28.61 1.30 -2.69	31.91 1.58 -2.10	37.05 2.08 -0.94	38.18 2.04 -0.90	40.36 2.21 -2.57	40.64 2.20 -1.69	49.30 2.74 -3.66	50.89 2.91 -5.18	60.86 3.34 -11.10	61.63 3.35 -11.82	65.77 2.89 -15.50	75.53 3.70 -13.95	96.88 4.99 -12.70	115.07 6.46 -10.81	98.45 6.14 -8.24	91.23 7.28 -6.49	79.67 6.69 -4.66	58.67 5.03 -1.74	52.28 3.77 -2.02	46.12 2.94 0.00
JENNISON___2 23626	37.81 2.01 -1.74	34.46 1.73 -1.89	30.85 1.46 -2.83	29.35 1.32 -2.66	28.61 1.30 -2.69	31.91 1.58 -2.10	37.05 2.08 -0.94	38.18 2.04 -0.90	40.36 2.21 -2.57	40.64 2.20 -1.69	49.30 2.74 -3.66	50.89 2.91 -5.18	60.86 3.34 -11.10	61.63 3.35 -11.82	65.77 2.89 -15.50	75.53 3.70 -13.95	96.88 4.99 -12.70	115.07 6.46 -10.81	98.45 6.14 -8.24	91.23 7.28 -6.49	79.67 6.69 -4.66	58.67 5.03 -1.74	52.28 3.77 -2.02	46.12 2.94 0.00

JERICO_RISE_WT_PWR 323719	32.84 -1.22 0.00	29.61 -1.23 0.00	25.44 -1.11 0.00	24.43 -0.94 0.00	23.65 -0.96 0.00	27.16 -1.07 0.00	32.60 -1.43 0.00	33.79 -1.45 0.00	34.19 -1.39 0.00	35.02 -1.73 0.00	40.40 -2.49 0.00	40.02 -2.78 0.00	43.17 -3.25 0.00	43.58 -2.88 0.00	44.16 -3.22 0.00	47.44 -4.22 6.22	52.32 -5.07 21.79	57.69 -5.97 34.15	55.89 -5.13 23.05	54.20 -4.18 19.07	51.73 -3.62 12.96	47.30 -2.80 1.80	44.36 -2.14 0.00	41.37 -1.81 0.00
KATONAH__115KV_46KV_TB4 355592	40.60 2.76 -3.78	38.79 2.31 -5.63	37.97 1.99 -9.42	36.12 1.90 -8.85	35.35 1.80 -8.94	37.23 2.03 -6.96	40.23 2.65 -3.54	41.34 3.10 -3.00	44.13 2.95 -5.60	47.33 3.31 -7.28	54.78 3.90 -7.98	57.99 3.89 -11.29	74.92 4.18 -24.33	77.18 4.65 -26.07	89.09 5.88 -35.84	127.74 7.52 -62.33	153.04 10.14 -63.72	166.70 12.72 -56.18	134.90 10.84 -39.99	100.12 8.52 -14.14	84.21 6.76 -9.13	60.62 4.93 -3.79	54.85 3.95 -4.39	46.47 3.28 0.00
KCE_NY_1 323755	48.42 2.56 -11.80	42.77 2.34 -9.58	40.74 1.86 -12.33	38.72 1.78 -11.58	38.06 1.75 -11.70	39.41 2.06 -9.11	40.91 2.48 -4.40	41.77 2.61 -3.93	55.77 2.70 -17.48	54.47 2.83 -14.90	71.12 3.30 -24.93	81.43 3.38 -35.25	127.20 3.76 -77.02	133.75 3.67 -83.61	165.99 3.70 -114.91	128.61 4.34 -66.39	148.18 6.10 -62.90	155.92 7.43 -50.68	140.62 6.73 -49.82	127.96 6.35 -44.14	102.57 5.74 -28.52	68.08 4.36 -11.82	63.89 3.67 -13.72	46.47 3.28 0.00
KCE_NY_6_ESR 323823	34.79 0.14 -0.59	31.53 -0.18 -0.87	27.79 -0.21 -1.45	26.48 -0.25 -1.36	25.70 -0.29 -1.38	28.86 -0.45 -1.07	34.02 -0.51 -0.49	35.10 -0.60 -0.46	36.23 -0.21 -0.87	37.02 -0.37 -0.64	43.95 -0.17 -1.24	44.59 0.04 -1.75	50.44 0.28 -3.74	51.10 0.65 -3.99	53.69 1.09 -5.22	66.72 1.68 -7.16	87.69 1.98 -6.53	104.66 1.85 -5.00	89.66 2.10 -3.49	81.97 2.32 -2.19	72.66 2.94 -1.41	54.77 2.28 -0.59	48.02 0.84 -0.68	44.35 1.17 0.00
KEDC_PORT_JEFF_GT2 24210	55.16 3.95 -17.14	40.42 3.30 -6.28	38.73 2.89 -9.28	36.74 2.66 -8.70	35.99 2.58 -8.80	38.01 2.91 -6.86	41.34 3.81 -3.50	44.10 4.26 -4.60	52.99 4.34 -13.07	68.99 4.59 -27.65	78.52 5.02 -30.61	79.60 4.79 -32.01	92.03 4.78 -40.83	134.01 4.65 -82.90	142.93 5.40 -90.16	298.73 7.06 -233.79	308.70 9.66 -219.86	294.40 11.73 -184.86	334.14 10.17 -239.90	195.30 8.44 -109.40	123.63 7.10 -48.21	94.89 5.56 -37.43	89.14 5.21 -37.43	83.98 4.92 -35.88
KEDC_PORT_JEFF_GT3 24211	55.16 3.95 -17.14	40.42 3.30 -6.28	38.73 2.89 -9.28	36.74 2.66 -8.70	35.99 2.58 -8.80	38.01 2.91 -6.86	41.34 3.81 -3.50	44.10 4.26 -4.60	52.99 4.34 -13.07	68.99 4.59 -27.65	78.52 5.02 -30.61	79.60 4.79 -32.01	92.03 4.78 -40.83	134.01 4.65 -82.90	142.93 5.40 -90.16	298.73 7.06 -233.79	308.70 9.66 -219.86	294.40 11.73 -184.86	334.14 10.17 -239.90	195.30 8.44 -109.40	123.63 7.10 -48.21	94.89 5.56 -37.43	89.14 5.21 -37.43	83.98 4.92 -35.88
KEDC_GLWD_GT4 24219	54.14 2.93 -17.14	39.74 2.62 -6.28	38.14 2.31 -9.28	36.28 2.21 -8.70	35.50 2.09 -8.80	37.44 2.34 -6.86	40.52 3.00 -3.50	43.22 3.38 -4.60	51.80 3.17 -13.06	67.83 3.45 -27.64	77.42 3.99 -30.54	78.63 3.89 -31.94	81.88 4.18 -31.29	97.04 4.51 -46.07	99.91 5.40 -47.14	133.49 7.12 -68.49	161.28 9.74 -72.35	175.74 11.93 -66.00	141.33 10.08 -47.18	99.49 8.13 -13.90	83.66 6.35 -8.99	80.80 4.72 -24.17	78.71 4.04 -28.17	75.47 3.58 -28.70
KEDC_GLWD_GT5 24220	54.14 2.93 -17.14	39.74 2.62 -6.28	38.14 2.31 -9.28	36.28 2.21 -8.70	35.50 2.09 -8.80	37.44 2.34 -6.86	40.52 3.00 -3.50	43.22 3.38 -4.60	51.80 3.17 -13.06	67.83 3.45 -27.64	77.42 3.99 -30.54	78.63 3.89 -31.94	81.88 4.18 -31.29	97.04 4.51 -46.07	99.91 5.40 -47.14	133.49 7.12 -68.49	161.28 9.74 -72.35	175.74 11.93 -66.00	141.33 10.08 -47.18	99.49 8.13 -13.90	83.66 6.35 -8.99	80.80 4.72 -24.17	78.71 4.04 -28.17	75.47 3.58 -28.70
KENSICO____ 23655	40.25 2.49 -3.70	38.43 2.07 -5.52	37.60 1.81 -9.24	35.77 1.73 -8.68	35.03 1.65 -8.77	36.93 1.86 -6.83	39.85 2.35 -3.47	40.89 2.71 -2.94	43.77 2.70 -5.49	46.83 3.01 -7.07	54.10 3.39 -7.82	57.16 3.30 -11.06	73.73 3.48 -23.84	75.91 3.90 -25.54	87.21 4.69 -35.14	134.07 6.25 -69.94	162.04 8.47 -74.38	176.49 10.37 -68.31	141.86 8.91 -48.88	98.28 6.97 -13.85	82.66 5.40 -8.95	59.66 4.05 -3.71	54.25 3.44 -4.30	46.21 3.02 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	40.11 2.38 -3.66	38.03 2.00 -5.18	36.82 1.73 -8.54	35.01 1.62 -8.01	34.27 1.55 -8.10	36.30 1.75 -6.31	38.99 2.11 -2.85	40.39 2.43 -2.72	43.32 2.31 -5.43	42.95 2.61 -3.60	54.01 3.39 -7.74	57.25 3.51 -10.94	73.49 3.90 -23.18	74.56 3.67 -24.43	82.59 4.03 -31.19	102.90 5.61 -39.41	120.52 7.36 -33.97	131.43 9.29 -24.33	109.92 7.82 -18.03	97.82 6.66 -13.70	82.22 5.06 -8.85	59.77 4.20 -3.67	54.15 3.39 -4.26	45.99 2.81 0.00
KIAC_JFK_GT1 23816	40.71 2.93 -3.71	38.69 2.31 -5.54	37.89 2.07 -9.27	36.05 1.98 -8.70	35.28 1.87 -8.79	37.20 2.12 -6.85	40.24 2.72 -3.49	41.43 3.24 -2.95	44.35 3.27 -5.50	47.51 3.60 -7.17	54.46 3.73 -7.84	57.44 3.55 -11.09	74.03 3.71 -23.90	76.31 4.23 -25.61	87.83 5.21 -35.23	133.64 7.12 -68.64	161.42 9.66 -72.57	175.99 11.93 -66.25	141.60 10.17 -47.36	99.41 8.06 -13.89	83.50 6.22 -8.97	60.08 4.46 -3.72	54.86 4.05 -4.32	46.77 3.58 0.00
KIAC_JFK_GT2 23817	40.71 2.93 -3.71	38.69 2.31 -5.54	37.89 2.07 -9.27	36.05 1.98 -8.70	35.28 1.87 -8.79	37.20 2.12 -6.85	40.24 2.72 -3.49	41.43 3.24 -2.95	44.35 3.27 -5.50	47.51 3.60 -7.17	54.46 3.73 -7.84	57.44 3.55 -11.09	74.03 3.71 -23.90	76.31 4.23 -25.61	87.83 5.21 -35.23	133.64 7.12 -68.64	161.42 9.66 -72.57	175.99 11.93 -66.25	141.60 10.17 -47.36	99.41 8.06 -13.89	83.50 6.22 -8.97	60.08 4.46 -3.72	54.86 4.05 -4.32	46.77 3.58 0.00
KIAC_JFK____ 323774	40.71 2.93 -3.71	38.70 2.31 -5.54	37.89 2.07 -9.27	36.05 1.98 -8.70	35.28 1.87 -8.79	37.21 2.12 -6.85	40.24 2.72 -3.49	41.43 3.24 -2.95	44.35 3.27 -5.50	47.47 3.56 -7.17	54.46 3.73 -7.84	57.44 3.55 -11.09	74.12 3.81 -23.90	76.26 4.18 -25.61	87.83 5.21 -35.24	133.65 7.12 -68.65	161.50 9.74 -72.58	176.09 12.03 -66.26	141.60 10.17 -47.36	99.41 8.06 -13.89	83.50 6.22 -8.97	60.03 4.41 -3.72	54.91 4.09 -4.32	46.77 3.58 0.00
KINTIGH____ 23543	34.29 -0.24 -0.47	31.49 -0.06 -0.71	27.68 -0.08 -1.20	26.32 -0.18 -1.13	25.56 -0.20 -1.14	28.81 -0.31 -0.89	34.10 -0.34 -0.41	35.12 -0.49 -0.38	35.63 -0.64 -0.69	36.45 -0.81 -0.51	43.10 -0.77 -0.98	43.63 -0.56 -1.39	48.88 -0.51 -2.98	49.45 -0.19 -3.17	51.58 0.05 -4.16	64.82 1.04 -5.90	85.67 1.11 -5.37	102.71 0.78 -4.11	88.09 1.18 -2.84	79.74 0.54 -1.74	70.74 1.30 -1.12	53.30 0.93 -0.47	46.95 -0.09 -0.54	43.36 0.17 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	33.25 -0.82 0.00	29.92 -0.93 0.00	25.70 -0.85 0.00	24.69 -0.69 0.00	23.93 -0.69 0.00	27.47 -0.76 0.00	32.94 -1.09 0.00	34.14 -1.09 0.00	34.55 -1.03 0.00	35.05 -1.69 0.00	40.19 -2.70 0.00	39.72 -3.08 0.00	42.75 -3.67 0.00	43.21 -3.25 0.00	43.78 -3.60 0.00	47.36 -4.69 5.83	53.38 -5.46 20.34	59.82 -6.26 31.73	58.93 -5.38 19.76	56.78 -4.34 16.35	53.51 -3.69 11.11	47.45 -2.91 1.55	44.22 -2.28 0.00	41.20 -1.99 0.00

LACHUTE___HYDRO 323717	50.42 4.46 -11.90	44.48 4.01 -9.63	41.93 3.03 -12.35	39.89 2.92 -11.60	39.19 2.85 -11.72	40.84 3.47 -9.13	42.72 4.29 -4.41	43.89 4.72 -3.94	58.30 5.09 -17.64	57.07 5.33 -15.00	74.25 6.22 -25.15	84.94 6.59 -35.55	131.43 7.42 -77.59	137.71 7.11 -84.13	169.10 6.49 -115.23	131.60 7.23 -66.48	152.45 10.29 -62.97	160.46 11.93 -50.72	145.20 11.10 -50.04	133.38 11.39 -44.52	108.00 10.93 -28.76	72.18 8.36 -11.92	67.08 6.74 -13.84	49.06 5.87 0.00
LAWRNCAV_115KV_TB1 80681	32.67 -1.40 0.00	29.45 -1.39 0.00	25.39 -1.17 0.00	24.26 -1.12 0.00	23.58 -1.03 0.00	27.11 -1.13 0.00	32.64 -1.40 0.00	33.75 -1.48 0.00	34.12 -1.46 0.00	35.09 -1.65 0.00	40.87 -2.02 0.00	40.75 -2.05 0.00	44.14 -2.27 0.00	44.19 -2.28 0.00	44.54 -2.84 0.00	43.15 -4.57 10.16	35.91 -6.49 36.79	30.41 -7.73 59.67	21.17 -6.39 56.50	25.98 -4.73 46.76	32.65 -3.89 31.77	44.58 -2.91 4.42	44.55 -1.95 0.00	41.42 -1.77 0.00
LEDERLE___ 23769	39.84 2.25 -3.53	37.99 1.88 -5.27	37.01 1.65 -8.81	35.19 1.55 -8.27	34.45 1.48 -8.36	36.41 1.67 -6.51	38.58 2.08 -2.47	40.47 2.43 -2.81	43.19 2.38 -5.23	38.58 2.68 0.85	53.52 3.17 -7.46	56.47 3.12 -10.54	72.34 3.34 -22.58	74.19 3.67 -24.05	85.06 4.36 -33.32	73.12 5.85 -9.40	80.73 7.92 6.38	87.02 9.78 20.58	76.54 8.32 15.85	97.17 6.51 -13.20	81.90 5.06 -8.53	59.23 3.79 -3.53	53.77 3.16 -4.10	45.91 2.72 0.00
LIGHTHSE_115KV_TB6 355974	34.03 -0.03 0.00	31.18 0.03 -0.31	27.21 0.00 -0.65	25.96 -0.03 -0.61	25.23 0.00 -0.62	28.75 0.03 -0.48	34.29 0.03 -0.22	35.37 -0.07 -0.20	35.47 -0.11 0.00	36.60 -0.15 0.00	42.76 -0.13 0.00	42.80 0.00 0.00	46.55 0.14 0.00	46.56 0.09 0.00	47.33 -0.05 0.00	63.36 0.12 -5.37	89.86 -0.08 -10.75	116.60 0.10 -18.69	105.86 0.34 -21.45	94.86 1.08 -16.31	82.50 1.30 -12.89	54.48 1.04 -1.54	47.01 0.51 0.00	43.36 0.17 0.00
LINDEN COGEN___ 23786	37.33 2.42 -0.85	37.46 1.98 -4.64	37.51 1.78 -9.18	35.77 1.70 -8.70	35.01 1.60 -8.79	36.87 1.78 -6.85	37.52 2.21 -1.27	37.93 2.64 -0.05	38.83 2.63 -0.62	38.83 2.90 0.82	39.42 3.26 6.72	40.27 3.12 5.65	48.64 3.25 1.02	46.14 3.63 3.95	61.34 4.50 -9.46	97.89 6.13 -33.88	103.91 8.31 -16.41	109.00 10.27 -0.92	98.19 8.66 -5.46	78.43 6.82 5.85	59.91 5.06 13.46	43.25 3.69 12.34	39.43 3.25 10.32	37.99 2.89 8.09
LINDHRST_69_KV_BK1 356055	55.23 4.02 -17.14	40.48 3.36 -6.28	38.74 2.92 -9.27	36.79 2.71 -8.70	36.04 2.63 -8.80	38.11 3.02 -6.85	41.36 3.85 -3.49	44.13 4.30 -4.60	53.05 4.41 -13.06	69.09 4.70 -27.64	78.67 5.23 -30.55	79.80 5.05 -31.94	85.15 5.29 -33.44	100.72 5.48 -48.78	116.64 6.35 -62.91	144.99 8.22 -78.89	166.20 11.24 -75.76	180.30 13.79 -68.70	147.76 11.85 -51.84	118.80 9.92 -31.42	88.32 8.13 -11.87	85.30 6.23 -27.17	82.15 5.39 -30.26	78.52 5.01 -30.32
LIPA_MISC_IPP 23656	55.02 3.82 -17.14	40.36 3.24 -6.28	38.64 2.81 -9.27	36.64 2.56 -8.70	35.87 2.46 -8.80	37.94 2.85 -6.85	41.23 3.71 -3.49	43.99 4.16 -4.60	52.99 4.34 -13.07	69.02 4.63 -27.65	78.59 5.10 -30.60	79.68 4.88 -32.00	91.30 4.87 -40.01	128.84 5.06 -77.31	142.83 5.88 -89.58	274.48 7.70 -208.90	271.78 10.45 -182.14	276.07 12.42 -165.84	292.19 11.01 -197.10	186.35 9.45 -99.44	118.29 7.72 -42.26	94.11 5.92 -36.29	88.29 5.16 -36.63	83.28 4.84 -35.26
LISF___SOLAR 323691	55.09 3.88 -17.14	40.39 3.27 -6.28	38.70 2.87 -9.28	36.69 2.61 -8.70	35.97 2.56 -8.80	37.95 2.85 -6.86	41.30 3.78 -3.50	44.06 4.23 -4.60	53.09 4.45 -13.07	69.06 4.67 -27.65	78.68 5.19 -30.60	79.80 5.01 -32.00	91.58 5.06 -40.11	129.30 5.16 -77.68	144.82 6.02 -91.42	279.04 7.87 -213.29	281.16 10.69 -191.29	287.01 12.81 -176.39	305.70 11.34 -210.29	187.58 9.68 -100.44	118.89 7.92 -42.65	94.25 5.91 -36.43	88.62 5.39 -36.73	83.48 4.96 -35.33
LITTLE FALLS___HYD 24013	33.49 -0.58 0.00	30.29 -0.56 0.00	26.05 -0.50 0.00	24.84 -0.53 0.00	24.12 -0.49 0.00	27.70 -0.54 0.00	33.42 -0.61 0.00	34.56 -0.67 0.00	34.90 -0.68 0.00	36.01 -0.73 0.00	42.33 -0.56 0.00	42.33 -0.47 0.00	45.86 -0.56 0.00	45.82 -0.65 0.00	46.29 -1.09 0.00	56.32 -1.56 0.00	77.13 -2.06 0.00	95.36 -2.45 0.00	85.95 -2.02 -3.90	79.14 -1.55 -3.23	69.35 -1.16 -2.19	51.48 -0.73 -0.31	45.85 -0.65 0.00	42.49 -0.69 0.00
LITTLRIV_115KV_TB1 356100	33.01 -1.06 0.00	29.73 -1.11 0.00	25.60 -0.96 0.00	24.46 -0.91 0.00	23.80 -0.81 0.00	27.39 -0.85 0.00	32.98 -1.05 0.00	34.07 -1.16 0.00	34.48 -1.10 0.00	35.46 -1.29 0.00	41.39 -1.50 0.00	41.35 -1.46 0.00	44.79 -1.62 0.00	44.84 -1.63 0.00	44.92 -2.46 0.00	43.14 -4.11 10.63	34.98 -5.78 38.42	29.18 -6.94 61.68	17.90 -5.72 60.45	23.57 -3.80 50.10	31.41 -3.07 33.83	44.93 -2.23 4.74	45.06 -1.44 0.00	41.85 -1.34 0.00
LI_NEWBRDGE___DRP 323616	54.31 3.10 -17.14	39.68 2.56 -6.28	38.11 2.28 -9.27	36.21 2.13 -8.70	35.45 2.04 -8.80	37.43 2.34 -6.85	40.45 2.93 -3.49	43.11 3.28 -4.60	51.98 3.34 -13.06	67.98 3.60 -27.64	77.33 3.90 -30.54	78.46 3.72 -31.94	81.56 3.85 -31.29	96.67 4.14 -46.07	99.49 4.97 -47.13	133.01 6.66 -68.47	160.55 9.03 -72.34	174.85 11.05 -65.99	140.74 9.50 -47.17	99.02 7.67 -13.89	83.45 6.15 -8.99	80.64 4.57 -24.17	78.76 4.09 -28.17	75.65 3.76 -28.70
LOCKPORT_115KV_TB60_63_64 80432	34.21 -0.37 -0.52	31.22 -0.40 -0.78	27.46 -0.40 -1.31	26.14 -0.46 -1.23	25.39 -0.47 -1.24	28.52 -0.68 -0.96	33.73 -0.75 -0.44	34.66 -0.99 -0.41	35.45 -0.89 -0.76	36.17 -1.14 -0.57	42.90 -1.07 -1.09	43.48 -0.86 -1.54	48.83 -0.88 -3.29	49.60 -0.37 -3.51	51.83 -0.14 -4.60	64.80 0.52 -6.40	85.34 0.32 -5.84	102.09 -0.20 -4.47	87.51 0.34 -3.11	79.62 0.23 -1.92	70.72 1.16 -1.24	53.40 0.99 -0.52	46.91 -0.19 -0.60	43.40 0.22 0.00
LOCKPORT___CC1 323769	34.11 -0.48 -0.52	31.13 -0.49 -0.79	27.39 -0.48 -1.32	26.07 -0.53 -1.24	25.30 -0.57 -1.25	28.48 -0.73 -0.97	33.59 -0.89 -0.45	34.56 -1.09 -0.42	35.35 -1.00 -0.77	36.14 -1.18 -0.57	42.74 -1.25 -1.10	43.33 -1.03 -1.55	48.82 -0.93 -3.33	49.32 -0.70 -3.55	51.75 -0.28 -4.65	64.72 0.35 -6.49	85.18 0.08 -5.91	101.66 -0.68 -4.53	87.21 0.00 -3.15	79.33 -0.08 -1.95	70.53 0.96 -1.26	53.30 0.88 -0.52	46.69 -0.42 -0.60	43.27 0.09 0.00
LOCKPORT___CC2 323770	34.11 -0.48 -0.52	31.13 -0.49 -0.79	27.39 -0.48 -1.32	26.07 -0.53 -1.24	25.30 -0.57 -1.25	28.48 -0.73 -0.97	33.59 -0.89 -0.45	34.56 -1.09 -0.42	35.35 -1.00 -0.77	36.14 -1.18 -0.57	42.74 -1.25 -1.10	43.33 -1.03 -1.55	48.82 -0.93 -3.33	49.32 -0.70 -3.55	51.75 -0.28 -4.65	64.72 0.35 -6.49	85.18 0.08 -5.91	101.66 -0.68 -4.53	87.21 0.00 -3.15	79.33 -0.08 -1.95	70.53 0.96 -1.26	53.30 0.88 -0.52	46.69 -0.42 -0.60	43.27 0.09 0.00
LOCKPORT___CC3 323771	34.11 -0.48 -0.52	31.13 -0.49 -0.79	27.39 -0.48 -1.32	26.07 -0.53 -1.24	25.30 -0.57 -1.25	28.48 -0.73 -0.97	33.59 -0.89 -0.45	34.56 -1.09 -0.42	35.35 -1.00 -0.77	36.14 -1.18 -0.57	42.74 -1.25 -1.10	43.33 -1.03 -1.55	48.82 -0.93 -3.33	49.32 -0.70 -3.55	51.75 -0.28 -4.65	64.72 0.35 -6.49	85.18 0.08 -5.91	101.66 -0.68 -4.53	87.21 0.00 -3.15	79.33 -0.08 -1.95	70.53 0.96 -1.26	53.30 0.88 -0.52	46.69 -0.42 -0.60	43.27 0.09 0.00

LONG_LAKE_PHOENIX 24014	33.79 -0.27 0.00	31.03 -0.15 -0.34	27.12 -0.16 -0.73	25.91 -0.15 -0.69	25.16 -0.15 -0.69	28.58 -0.20 -0.54	34.04 -0.24 -0.25	35.11 -0.35 -0.23	35.22 -0.36 0.00	36.38 -0.37 0.00	42.59 -0.30 0.00	42.59 -0.21 0.00	46.28 -0.14 0.00	46.37 -0.09 0.00	47.24 -0.14 0.00	62.16 0.12 -4.16	84.73 0.00 -5.54	109.55 -0.10 -11.84	92.49 0.08 -8.34	82.74 0.15 -5.12	74.52 0.20 -6.01	52.54 0.16 -0.48	46.32 -0.19 0.00	42.84 -0.35 0.00
LOVETT___3 23632	39.62 2.01 -3.55	37.83 1.70 -5.30	36.90 1.49 -8.86	35.11 1.42 -8.32	34.37 1.35 -8.41	36.28 1.50 -6.55	38.43 1.91 -2.49	40.31 2.25 -2.82	43.04 2.21 -5.26	38.41 2.46 0.79	53.22 2.83 -7.50	56.18 2.78 -10.60	72.05 2.92 -22.71	73.96 3.30 -24.19	84.93 4.03 -33.53	70.54 5.44 -7.22	77.13 7.36 9.42	82.86 9.00 23.95	73.59 7.73 18.22	96.62 5.89 -13.28	81.40 4.51 -8.58	58.83 3.37 -3.55	53.46 2.84 -4.13	45.65 2.46 0.00
LOVETT___4 23642	39.62 2.01 -3.55	37.83 1.70 -5.30	36.90 1.49 -8.86	35.11 1.42 -8.32	34.37 1.35 -8.41	36.28 1.50 -6.55	38.43 1.91 -2.49	40.31 2.25 -2.82	43.04 2.21 -5.26	38.41 2.46 0.79	53.22 2.83 -7.50	56.18 2.78 -10.60	72.05 2.92 -22.71	73.96 3.30 -24.19	84.93 4.03 -33.53	70.54 5.44 -7.22	77.13 7.36 9.42	82.86 9.00 23.95	73.59 7.73 18.22	96.62 5.89 -13.28	81.40 4.51 -8.58	58.83 3.37 -3.55	53.46 2.84 -4.13	45.65 2.46 0.00
LOVETT___5 23593	39.62 2.01 -3.55	37.83 1.70 -5.30	36.90 1.49 -8.86	35.11 1.42 -8.32	34.37 1.35 -8.41	36.28 1.50 -6.55	38.43 1.91 -2.49	40.31 2.25 -2.82	43.04 2.21 -5.26	38.41 2.46 0.79	53.22 2.83 -7.50	56.18 2.78 -10.60	72.05 2.92 -22.71	73.96 3.30 -24.19	84.93 4.03 -33.53	70.54 5.44 -7.22	77.13 7.36 9.42	82.86 9.00 23.95	73.59 7.73 18.22	96.62 5.89 -13.28	81.40 4.51 -8.58	58.83 3.37 -3.55	53.46 2.84 -4.13	45.65 2.46 0.00
LOWER_RAQUET___HYD 24057	32.50 -1.57 0.00	29.30 -1.54 0.00	25.23 -1.33 0.00	24.13 -1.24 0.00	23.46 -1.16 0.00	26.97 -1.27 0.00	32.47 -1.56 0.00	33.58 -1.66 0.00	33.94 -1.64 0.00	34.91 -1.84 0.00	40.61 -2.27 0.00	40.53 -2.27 0.00	43.86 -2.55 0.00	44.00 -2.46 0.00	44.25 -3.13 0.00	41.94 -4.86 11.08	32.41 -6.81 39.96	25.61 -8.22 63.98	13.10 -6.73 64.24	19.26 -4.96 53.24	28.28 -4.10 35.94	43.81 -3.06 5.03	44.36 -2.14 0.00	41.24 -1.94 0.00
LOWER___HUDSON 24059	46.57 1.97 -10.53	41.69 1.79 -9.06	40.11 1.49 -12.07	38.13 1.42 -11.34	37.45 1.38 -11.46	38.77 1.61 -8.93	40.32 1.97 -4.32	41.12 2.04 -3.85	53.24 2.06 -15.60	52.49 2.17 -13.58	67.71 2.57 -22.25	76.82 2.57 -31.46	119.02 2.74 -69.87	126.24 2.79 -76.98	160.80 3.03 -110.38	126.95 3.65 -65.42	146.32 4.99 -62.14	154.20 6.17 -50.23	136.53 5.39 -47.08	121.58 4.73 -39.39	97.86 4.10 -25.45	65.62 3.17 -10.55	61.44 2.70 -12.24	45.65 2.46 0.00
LOWVILLE_115KV_TB2 356335	34.23 0.17 0.00	31.07 0.06 -0.16	26.95 0.05 -0.35	25.70 0.00 -0.33	24.99 0.05 -0.33	28.69 0.20 -0.26	34.52 0.37 -0.12	35.59 0.25 -0.11	35.79 0.21 0.00	36.67 -0.07 0.00	42.67 -0.21 0.00	42.89 0.09 0.00	46.55 0.14 0.00	46.42 -0.05 0.00	47.10 -0.28 0.00	65.23 -0.29 -7.64	101.69 -0.16 -22.66	134.27 0.88 -35.58	138.63 1.09 -53.47	123.82 2.71 -43.64	101.24 2.73 -30.20	58.16 2.13 -4.13	48.13 1.63 0.00	44.18 0.99 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	48.42 2.55 -11.80	42.74 2.31 -9.58	40.74 1.86 -12.33	38.73 1.78 -11.58	38.04 1.72 -11.70	39.36 2.00 -9.11	40.91 2.48 -4.40	41.77 2.61 -3.93	55.73 2.67 -17.48	54.47 2.83 -14.90	71.12 3.30 -24.93	81.38 3.34 -35.24	127.14 3.71 -77.01	133.73 3.67 -83.60	165.92 3.65 -114.89	128.60 4.34 -66.38	148.10 6.02 -62.89	155.82 7.34 -50.68	140.52 6.64 -49.81	127.87 6.27 -44.13	102.49 5.67 -28.51	68.08 4.36 -11.82	63.89 3.67 -13.72	46.42 3.24 0.00
LUTHERNY_35_KV_BK2 355980	48.42 2.55 -11.80	42.77 2.34 -9.58	40.77 1.89 -12.33	38.73 1.78 -11.58	38.06 1.75 -11.70	39.38 2.03 -9.11	40.91 2.48 -4.40	41.77 2.61 -3.93	55.77 2.70 -17.48	54.47 2.83 -14.90	71.12 3.30 -24.93	81.43 3.38 -35.24	127.14 3.71 -77.01	133.78 3.72 -83.60	165.96 3.70 -114.89	128.60 4.34 -66.38	148.18 6.10 -62.89	155.92 7.43 -50.68	140.61 6.73 -49.81	127.95 6.35 -44.13	102.56 5.74 -28.51	68.08 4.36 -11.82	63.89 3.67 -13.72	46.47 3.28 0.00
LWR___OSWEGATCHIE_HYD 23850	33.38 -0.68 0.00	30.22 -0.74 -0.12	26.17 -0.64 -0.25	24.98 -0.63 -0.24	24.31 -0.54 -0.24	27.89 -0.54 -0.19	33.51 -0.61 -0.09	34.57 -0.74 -0.08	34.83 -0.75 0.00	35.82 -0.92 0.00	41.69 -1.20 0.00	41.73 -1.07 0.00	45.26 -1.16 0.00	45.26 -1.21 0.00	45.67 -1.71 0.00	71.09 -2.60 -15.82	127.99 -3.56 -52.37	176.22 -3.81 -82.22	207.28 -2.94 -126.16	180.22 -1.16 -103.92	138.72 -0.68 -71.09	61.31 -0.42 -9.82	46.22 -0.28 0.00	42.67 -0.52 0.00
LYONS_FALL_HYD 23570	34.51 0.44 0.00	31.31 0.31 -0.16	27.15 0.27 -0.33	25.89 0.20 -0.31	25.18 0.25 -0.32	28.88 0.40 -0.25	34.76 0.61 -0.11	35.87 0.53 -0.11	36.11 0.53 0.00	37.11 0.37 0.00	43.36 0.47 0.00	43.48 0.68 0.00	47.25 0.84 0.00	47.12 0.65 0.00	47.71 0.33 0.00	63.93 0.46 -5.59	95.29 0.79 -15.31	123.25 1.66 -23.77	121.37 1.68 -35.62	109.30 2.94 -28.89	91.25 2.87 -20.07	56.86 2.23 -2.73	48.17 1.67 0.00	44.27 1.08 0.00
MADISON___COUNTY_LFGE 323628	35.05 0.99 0.00	31.93 0.83 -0.25	27.79 0.69 -0.54	26.49 0.61 -0.51	25.77 0.64 -0.51	29.46 0.82 -0.40	35.31 1.09 -0.18	36.46 1.06 -0.17	36.72 1.14 0.00	37.85 1.10 0.00	44.39 1.50 0.00	44.47 1.67 0.00	48.32 1.90 0.00	48.32 1.86 0.00	48.85 1.47 0.00	63.38 1.85 -3.65	88.05 2.69 -6.17	110.01 3.42 -8.78	98.74 3.19 -11.48	90.10 3.95 -8.69	78.25 3.62 -6.32	55.42 2.70 -0.82	48.50 2.00 0.00	44.61 1.43 0.00
MALONE___115KV_TB1 356076	32.97 -1.09 0.00	29.70 -1.14 0.00	25.52 -1.04 0.00	24.49 -0.89 0.00	23.75 -0.86 0.00	27.31 -0.93 0.00	32.81 -1.23 0.00	34.00 -1.23 0.00	34.44 -1.14 0.00	35.27 -1.47 0.00	40.83 -2.06 0.00	40.53 -2.27 0.00	43.72 -2.69 0.00	44.05 -2.42 0.00	44.58 -2.80 0.00	46.51 -3.94 7.44	48.00 -4.83 26.36	50.45 -5.58 41.79	45.85 -4.79 33.42	46.17 -3.64 27.66	46.45 -3.07 18.79	46.90 -2.39 2.61	44.73 -1.77 0.00	41.67 -1.51 0.00
MAPLEWOD_115KV_TB3 80458	45.51 1.98 -9.47	41.33 1.79 -8.70	40.04 1.43 -12.05	38.06 1.37 -11.32	37.38 1.33 -11.44	38.70 1.55 -8.91	40.21 1.87 -4.31	41.05 1.97 -3.84	51.60 1.99 -14.03	51.23 2.09 -12.39	65.33 2.44 -20.00	73.52 2.44 -28.28	111.66 2.65 -62.60	117.96 2.74 -68.75	147.60 2.94 -97.29	126.59 3.53 -65.18	145.97 4.91 -61.87	153.75 5.97 -49.97	133.98 5.21 -44.70	117.53 4.65 -35.42	95.29 4.10 -22.88	64.50 3.11 -9.48	60.25 2.74 -11.01	45.60 2.42 0.00
MAPLE_RIDGE_WT_1 323574	33.04 -1.02 0.00	29.85 -0.99 0.00	25.70 -0.85 0.00	24.59 -0.79 0.00	23.90 -0.71 0.00	27.45 -0.79 0.00	33.04 -0.99 0.00	34.21 -1.02 0.00	34.55 -1.03 0.00	35.64 -1.10 0.00	41.60 -1.29 0.00	41.52 -1.28 0.00	45.07 -1.35 0.00	45.16 -1.30 0.00	45.96 -1.42 0.00	54.01 -1.79 2.07	69.83 -2.22 7.14	84.30 -2.54 10.97	77.28 -2.02 4.77	71.96 -1.55 3.95	64.26 -1.37 2.68	50.49 -1.04 0.37	45.67 -0.84 0.00	42.45 -0.73 0.00

MAPLE RIDGE_WT_2 323611	33.04 -1.02 0.00	29.85 -0.99 0.00	25.70 -0.85 0.00	24.59 -0.79 0.00	23.90 -0.71 0.00	27.45 -0.79 0.00	33.04 -0.99 0.00	34.21 -1.02 0.00	34.55 -1.03 0.00	35.64 -1.10 0.00	41.60 -1.29 0.00	41.52 -1.28 0.00	45.07 -1.35 0.00	45.16 -1.30 0.00	45.96 -1.42 0.00	54.01 -1.79 2.07	69.83 -2.22 7.14	84.30 -2.54 10.97	77.28 -2.02 4.77	71.96 -1.55 3.95	64.26 -1.37 2.68	50.49 -1.04 0.37	45.67 -0.84 0.00	42.45 -0.73 0.00
MARBLE RIVER_WT_PWR 323696	32.91 -1.16 0.00	29.67 -1.17 0.00	25.49 -1.06 0.00	24.48 -0.89 0.00	23.70 -0.91 0.00	27.22 -1.02 0.00	32.67 -1.36 0.00	33.86 -1.37 0.00	34.30 -1.28 0.00	34.98 -1.76 0.00	40.32 -2.57 0.00	39.89 -2.91 0.00	42.98 -3.43 0.00	43.45 -3.02 0.00	44.02 -3.36 0.00	47.78 -4.40 5.70	54.12 -5.23 19.84	60.66 -6.26 30.88	60.16 -5.29 18.61	57.73 -4.34 15.40	54.16 -3.69 10.47	47.59 -2.85 1.46	44.27 -2.23 0.00	41.24 -1.94 0.00
MARSHVLE_115KV_TB1 80742	48.44 3.95 -10.42	44.72 3.55 -10.33	44.35 2.92 -14.88	42.11 2.77 -13.97	41.46 2.73 -14.12	42.45 3.22 -11.00	43.29 4.05 -5.21	44.13 4.16 -4.74	55.33 4.31 -15.44	54.01 4.41 -12.86	70.01 5.10 -22.02	79.02 5.09 -31.13	119.39 5.62 -67.36	124.64 5.72 -72.46	149.75 5.40 -96.97	141.66 6.37 -77.41	160.32 8.87 -72.27	166.12 11.15 -57.17	143.45 10.09 -49.29	126.82 10.38 -38.98	103.74 10.25 -25.18	69.87 7.53 -10.44	64.66 6.05 -12.12	48.45 5.27 0.00
MARSH_HILL_WT_PWR 323713	35.22 0.41 -0.74	32.04 0.12 -1.07	28.38 0.05 -1.78	27.04 0.00 -1.67	26.28 -0.02 -1.69	29.52 -0.03 -1.31	34.62 0.00 -0.59	35.70 -0.11 -0.57	36.89 0.21 -1.10	37.48 0.07 -0.67	44.72 0.26 -1.57	45.53 0.52 -2.22	52.00 0.84 -4.75	52.64 1.11 -5.06	55.24 1.23 -6.63	68.62 1.97 -8.77	89.95 2.77 -7.99	107.91 3.33 -6.77	92.22 3.69 -4.45	84.26 4.03 -2.78	74.70 4.31 -2.08	55.92 3.27 -0.74	49.27 1.91 -0.86	45.00 1.81 0.00
MCINTYRE_115KV_TB2 80467	33.38 -0.68 0.00	30.10 -0.74 0.00	25.92 -0.64 0.00	24.76 -0.61 0.00	24.10 -0.52 0.00	27.70 -0.54 0.00	33.35 -0.68 0.00	34.42 -0.81 0.00	34.83 -0.75 0.00	35.79 -0.96 0.00	41.73 -1.16 0.00	41.65 -1.16 0.00	45.16 -1.25 0.00	45.21 -1.25 0.00	45.34 -2.04 0.00	44.44 -3.53 9.91	38.17 -5.07 35.95	33.36 -6.06 58.38	24.75 -4.88 54.44	29.40 -3.02 45.05	35.31 -2.39 30.61	45.93 -1.71 4.26	45.52 -0.98 0.00	42.32 -0.86 0.00
MECO____69_KV_BK1 80468	49.74 4.53 -11.14	45.11 4.07 -10.20	43.92 3.27 -14.10	41.71 3.10 -13.24	41.04 3.05 -13.38	42.30 3.64 -10.42	43.58 4.59 -4.96	44.52 4.79 -4.49	57.04 4.95 -16.51	55.58 5.03 -13.81	73.20 6.78 -23.54	82.80 6.72 -33.28	125.92 7.47 -72.03	131.44 7.48 -77.49	157.31 6.21 -103.73	139.41 7.52 -74.00	158.91 10.37 -69.35	166.14 13.20 -55.13	145.88 11.77 -50.04	131.15 12.01 -41.68	106.78 11.55 -26.93	71.42 8.36 -11.16	66.20 6.74 -12.95	49.27 6.09 0.00
MENANDS__115KV_TB5 355628	44.59 1.57 -8.96	40.79 1.45 -8.50	39.72 1.19 -11.98	37.73 1.12 -11.24	37.06 1.08 -11.36	38.36 1.27 -8.85	39.85 1.53 -4.29	40.64 1.59 -3.82	50.45 1.60 -13.28	50.25 1.65 -11.85	63.70 1.89 -18.92	71.44 1.88 -26.76	107.94 2.00 -59.53	114.23 2.09 -65.68	143.77 2.37 -94.02	125.59 2.84 -64.87	144.68 3.88 -61.62	152.31 4.69 -49.80	131.69 4.04 -43.58	114.46 3.49 -33.51	92.97 3.01 -21.65	63.21 2.34 -8.97	59.01 2.09 -10.41	45.09 1.90 0.00
MG INDUSTRY__DRP 24185	42.56 1.64 -6.86	40.06 1.54 -7.68	39.49 1.27 -11.66	37.51 1.19 -10.95	36.86 1.18 -11.06	38.21 1.36 -8.62	39.80 1.60 -4.17	40.53 1.59 -3.72	47.34 1.60 -10.16	47.66 1.47 -9.45	59.09 1.72 -14.49	64.14 0.86 -20.48	88.66 0.84 -41.40	88.94 0.88 -41.59	89.62 1.09 -41.15	119.59 1.16 -60.55	133.02 1.66 -52.17	138.44 2.05 -38.58	121.16 1.85 -35.24	104.74 1.63 -25.65	86.39 1.50 -16.57	60.95 2.18 -6.87	56.61 2.14 -7.97	45.13 1.94 0.00
MID__OSWEGATCHIE_HYD 23849	33.38 -0.68 0.00	30.22 -0.74 -0.12	26.17 -0.64 -0.25	24.98 -0.63 -0.24	24.31 -0.54 -0.24	27.89 -0.54 -0.19	33.51 -0.61 -0.09	34.57 -0.74 -0.08	34.83 -0.75 0.00	35.82 -0.92 0.00	41.69 -1.20 0.00	41.73 -1.07 0.00	45.26 -1.16 0.00	45.26 -1.21 0.00	45.67 -1.71 0.00	71.09 -2.60 -15.82	127.99 -3.56 -52.37	176.22 -3.81 -82.22	207.28 -2.94 -126.16	180.22 -1.16 -103.92	138.72 -0.68 -71.09	61.31 -0.42 -9.82	46.22 -0.28 0.00	42.67 -0.52 0.00
MID__RAQUETTE_HYD 23851	32.50 -1.57 0.00	29.30 -1.54 0.00	25.23 -1.33 0.00	24.13 -1.24 0.00	23.46 -1.16 0.00	26.97 -1.27 0.00	32.47 -1.57 0.00	33.58 -1.66 0.00	33.94 -1.64 0.00	34.91 -1.84 0.00	40.62 -2.27 0.00	40.53 -2.27 0.00	43.91 -2.51 0.00	43.96 -2.51 0.00	44.25 -3.13 0.00	41.94 -4.86 11.08	32.41 -6.81 39.96	25.68 -8.12 64.01	13.09 -6.73 64.25	19.26 -4.96 53.24	28.27 -4.10 35.95	43.86 -3.01 5.03	44.36 -2.14 0.00	41.24 -1.94 0.00
MILLIKEN__1 23584	35.77 0.95 -0.75	32.76 0.86 -1.05	28.97 0.69 -1.73	27.66 0.66 -1.62	26.87 0.62 -1.64	30.25 0.73 -1.28	35.59 0.99 -0.57	36.70 0.92 -0.55	37.65 0.96 -1.11	38.38 0.96 -0.68	45.71 1.24 -1.57	46.35 1.33 -2.23	52.76 1.58 -4.77	53.17 1.63 -5.08	55.60 1.56 -6.66	68.54 2.20 -8.46	89.98 3.09 -7.70	109.80 4.01 -7.98	95.70 3.87 -7.76	86.80 3.95 -5.39	76.41 3.62 -4.48	55.59 2.70 -0.99	49.23 1.86 -0.87	44.61 1.43 0.00
MILLIKEN__2 23585	35.77 0.95 -0.75	32.76 0.86 -1.05	28.97 0.69 -1.73	27.66 0.66 -1.62	26.87 0.62 -1.64	30.25 0.73 -1.28	35.59 0.99 -0.57	36.70 0.92 -0.55	37.65 0.96 -1.11	38.38 0.96 -0.68	45.71 1.24 -1.57	46.35 1.33 -2.23	52.76 1.58 -4.77	53.17 1.63 -5.08	55.60 1.56 -6.66	68.54 2.20 -8.46	89.98 3.09 -7.70	109.80 4.01 -7.98	95.70 3.87 -7.76	86.80 3.95 -5.39	76.41 3.62 -4.48	55.59 2.70 -0.99	49.23 1.86 -0.87	44.61 1.43 0.00
MILLIKEN__DIESEL 23629	35.77 0.95 -0.75	32.76 0.86 -1.05	28.97 0.69 -1.73	27.66 0.66 -1.62	26.87 0.62 -1.64	30.25 0.73 -1.28	35.59 0.99 -0.57	36.70 0.92 -0.55	37.65 0.96 -1.11	38.38 0.96 -0.68	45.71 1.24 -1.57	46.35 1.33 -2.23	52.76 1.58 -4.77	53.17 1.63 -5.08	55.60 1.56 -6.66	68.54 2.20 -8.46	89.98 3.09 -7.70	109.80 4.01 -7.98	95.70 3.87 -7.76	86.80 3.95 -5.39	76.41 3.62 -4.48	55.59 2.70 -0.99	49.23 1.86 -0.87	44.61 1.43 0.00
MILLSEAT__LFGE 323607	34.87 0.31 -0.50	31.81 0.22 -0.75	27.93 0.11 -1.27	26.61 0.05 -1.19	25.82 0.00 -1.20	29.12 -0.06 -0.94	34.43 -0.03 -0.43	35.46 -0.18 -0.40	36.21 -0.11 -0.74	37.03 -0.26 -0.55	43.81 -0.13 -1.05	44.46 0.17 -1.48	49.88 0.28 -3.18	50.37 0.51 -3.39	52.68 0.85 -4.44	65.86 1.73 -6.24	87.02 2.14 -5.69	104.32 2.15 -4.36	89.36 2.27 -3.02	81.41 2.09 -1.86	72.38 2.87 -1.20	54.68 2.28 -0.50	47.82 0.74 -0.58	44.22 1.03 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	40.13 2.38 -3.68	38.34 2.00 -5.50	37.50 1.75 -9.19	35.68 1.67 -8.63	34.91 1.58 -8.72	36.81 1.78 -6.80	39.72 2.25 -3.44	40.77 2.61 -2.93	43.63 2.60 -5.46	46.57 2.87 -6.96	53.93 3.26 -7.78	56.97 3.17 -11.00	73.47 3.34 -23.72	75.64 3.76 -25.41	86.88 4.55 -34.96	135.87 6.08 -71.92	164.57 8.24 -77.14	183.15 10.07 -75.27	151.67 8.66 -58.94	97.98 6.74 -13.78	82.48 5.26 -8.90	59.54 3.94 -3.69	54.09 3.30 -4.28	46.08 2.89 0.00

MILLWOOD_13_KV_LOAD 356217	40.27 2.52 -3.68	38.47 2.13 -5.50	37.61 1.86 -9.19	35.78 1.78 -8.63	35.01 1.67 -8.72	36.92 1.89 -6.80	39.89 2.42 -3.44	40.98 2.82 -2.93	43.78 2.74 -5.46	46.75 3.05 -6.96	54.23 3.56 -7.78	57.27 3.47 -11.00	73.84 3.71 -23.72	76.01 4.14 -25.41	87.50 5.16 -34.96	136.51 6.71 -71.92	165.44 9.11 -77.14	184.33 11.25 -75.27	152.59 9.58 -58.94	98.76 7.51 -13.78	83.09 5.87 -8.90	59.95 4.36 -3.69	54.36 3.58 -4.28	46.25 3.07 0.00
MODEL_CITY_ENERGY 24167	33.95 -0.65 -0.53	30.99 -0.65 -0.79	27.27 -0.61 -1.33	25.99 -0.63 -1.25	25.21 -0.66 -1.26	28.34 -0.88 -0.98	33.46 -1.02 -0.45	34.39 -1.27 -0.42	35.15 -1.21 -0.78	35.93 -1.40 -0.58	42.46 -1.54 -1.11	43.05 -1.33 -1.57	48.54 -1.25 -3.37	49.04 -1.02 -3.59	51.47 -0.62 -4.71	64.44 0.00 -6.56	84.77 -0.39 -5.98	101.11 -1.27 -4.58	86.75 -0.50 -3.18	78.90 -0.54 -1.97	70.07 0.48 -1.27	52.95 0.52 -0.53	46.42 -0.70 -0.61	43.01 -0.17 0.00
MODERN_LFGE_ 323580	33.95 -0.65 -0.53	30.99 -0.65 -0.79	27.27 -0.61 -1.33	25.99 -0.63 -1.25	25.21 -0.66 -1.26	28.34 -0.88 -0.98	33.46 -1.02 -0.45	34.39 -1.27 -0.42	35.15 -1.21 -0.78	35.93 -1.40 -0.58	42.46 -1.54 -1.11	43.05 -1.33 -1.57	48.54 -1.25 -3.37	49.04 -1.02 -3.59	51.47 -0.62 -4.71	64.44 0.00 -6.56	84.77 -0.39 -5.98	101.11 -1.27 -4.58	86.75 -0.50 -3.18	78.90 -0.54 -1.97	70.07 0.48 -1.27	52.95 0.52 -0.53	46.42 -0.70 -0.61	43.01 -0.17 0.00
MOHAWK_PAPER___DRP 24187	45.51 1.98 -9.47	41.33 1.79 -8.70	40.04 1.43 -12.05	38.06 1.37 -11.32	37.38 1.33 -11.44	38.70 1.55 -8.91	40.21 1.87 -4.31	41.05 1.97 -3.84	51.60 2.09 -14.03	51.23 2.44 -12.39	65.33 2.44 -20.00	73.52 2.44 -28.28	111.66 2.65 -62.60	117.96 2.74 -68.75	147.60 2.94 -97.29	126.59 3.53 -65.18	145.97 4.91 -61.87	153.75 5.97 -49.97	133.98 5.21 -44.70	117.53 4.65 -35.42	95.29 4.10 -22.88	64.50 3.11 -9.48	60.25 2.74 -11.01	45.60 2.42 0.00
MOHICAN__35_KV_115KV_LD 80490	48.61 2.69 -11.86	42.89 2.44 -9.61	40.78 1.89 -12.34	38.76 1.80 -11.59	38.10 1.77 -11.71	39.45 2.09 -9.12	41.02 2.59 -4.40	41.99 2.82 -3.93	56.07 2.92 -17.57	54.82 3.12 -14.96	71.50 3.56 -25.05	81.90 3.68 -35.42	127.89 4.13 -77.34	134.17 3.81 -83.90	166.01 3.55 -115.07	128.43 4.11 -66.44	147.98 5.86 -62.93	155.55 7.04 -50.70	140.73 6.73 -49.94	128.56 6.74 -44.36	103.32 6.35 -28.65	68.66 4.88 -11.88	64.33 4.05 -13.79	46.68 3.50 0.00
MONGAUP___HYD 23641	39.44 2.08 -3.29	37.51 1.76 -4.91	36.26 1.49 -8.22	34.48 1.39 -7.72	33.77 1.35 -7.80	35.81 1.50 -6.08	38.13 1.84 -2.26	39.86 2.01 -2.62	42.34 1.88 -4.88	37.59 2.02 1.18	52.38 2.53 -6.96	55.21 2.57 -9.84	70.08 2.60 -21.07	71.66 2.74 -22.45	81.41 3.08 -30.95	82.61 3.71 -21.02	94.99 5.23 -10.57	103.49 6.65 0.98	88.15 5.72 1.64	94.74 4.96 -12.32	80.65 4.38 -7.96	58.89 3.69 -3.30	53.35 3.02 -3.83	45.65 2.46 0.00
MONTAUK___DIESEL 23721	56.97 5.76 -17.14	42.03 4.90 -6.28	40.04 4.22 -9.27	37.98 3.91 -8.70	37.18 3.77 -8.80	39.41 4.32 -6.85	43.10 5.58 -3.49	46.07 6.24 -4.60	55.37 6.72 -13.07	71.63 7.24 -27.65	81.94 8.45 -30.60	83.23 8.43 -32.00	94.63 8.17 -40.04	132.53 8.60 -77.47	147.01 9.52 -90.10	281.18 12.91 -210.39	281.88 17.58 -185.12	286.65 19.86 -168.98	303.99 18.66 -201.26	193.72 16.42 -99.83	124.07 13.32 -42.43	98.26 10.02 -36.35	91.77 8.60 -36.67	86.29 7.82 -35.29
MOONROAD_115KV_HARTFLD_TB1-2 355988	34.21 -0.48 -0.62	30.98 -0.77 -0.91	27.30 -0.77 -1.52	26.06 -0.74 -1.43	25.29 -0.76 -1.44	28.46 -0.90 -1.12	33.63 -0.92 -0.52	34.91 -0.81 -0.48	36.28 -0.21 -0.91	37.02 -0.40 -0.68	44.02 -0.17 -1.30	44.43 -0.21 -1.84	50.22 -0.14 -3.94	51.45 0.79 -4.20	54.16 1.28 -5.50	67.37 2.03 -7.46	89.71 3.72 -6.80	107.22 4.21 -5.21	91.34 3.61 -3.65	84.03 4.26 -2.30	74.72 4.92 -1.49	56.52 4.00 -0.62	49.68 2.46 -0.72	45.60 2.42 0.00
MORTIMER_115KV_TB3 55949	34.95 0.48 -0.41	32.04 0.56 -0.64	28.03 0.40 -1.08	26.72 0.33 -1.01	25.91 0.27 -1.03	29.35 0.31 -0.80	34.84 0.44 -0.37	35.96 0.39 -0.34	36.47 0.28 -0.61	37.38 0.18 -0.45	44.18 0.43 -0.86	44.71 0.68 -1.22	49.82 0.79 -2.61	50.32 1.07 -2.78	52.26 1.23 -3.65	65.38 2.20 -5.30	86.86 2.85 -4.83	104.73 3.23 -3.70	89.71 3.11 -2.53	81.47 2.48 -1.53	72.17 2.87 -0.99	54.44 2.13 -0.41	47.95 0.98 -0.47	44.18 0.99 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	40.50 2.73 -3.71	38.60 2.22 -5.54	37.78 1.96 -9.27	35.95 1.88 -8.70	35.20 1.80 -8.79	37.09 2.00 -6.85	40.04 2.52 -3.49	41.11 2.92 -2.95	44.00 2.92 -5.50	47.11 3.20 -7.17	54.29 3.56 -7.84	57.27 3.38 -11.09	73.84 3.53 -23.90	76.03 3.95 -25.61	87.45 4.83 -35.23	132.99 6.48 -68.63	160.53 8.79 -72.55	174.90 10.86 -66.24	140.66 9.25 -47.35	98.63 7.28 -13.89	82.82 5.53 -8.97	59.72 4.10 -3.72	54.40 3.58 -4.32	46.42 3.24 0.00
MUNSVILLE_WIND_PWR 323609	38.08 2.56 -1.46	34.67 2.16 -1.67	30.91 1.81 -2.55	29.39 1.63 -2.39	28.66 1.62 -2.42	32.10 1.98 -1.88	37.53 2.66 -0.84	38.62 2.57 -0.81	40.44 2.70 -2.16	40.87 2.72 -1.41	49.27 3.30 -3.08	50.75 3.60 -4.36	60.02 4.27 -9.33	60.54 4.13 -9.94	63.73 3.32 -13.03	74.80 4.34 -12.57	96.65 6.02 -11.45	116.00 8.11 -10.08	99.16 7.82 -7.27	92.98 10.07 -5.46	81.70 9.29 -4.10	60.32 6.96 -1.46	53.36 5.16 -1.70	47.16 3.97 0.00
N SALMON___HYD 24042	32.97 -1.09 0.00	29.70 -1.14 0.00	25.52 -1.04 0.00	24.48 -0.89 0.00	23.75 -0.86 0.00	27.31 -0.93 0.00	32.81 -1.22 0.00	34.00 -1.23 0.00	34.44 -1.14 0.00	35.24 -1.51 0.00	40.83 -2.06 0.00	40.53 -2.27 0.00	43.72 -2.69 0.00	44.14 -2.32 0.00	44.58 -2.80 0.00	46.50 -3.94 7.44	48.00 -4.83 26.36	50.35 -5.68 41.79	45.86 -4.79 33.42	46.17 -3.64 27.66	46.45 -3.07 18.79	46.90 -2.39 2.61	44.73 -1.77 0.00	41.67 -1.51 0.00
N.AKRON__115KV_KNAPP 355671	34.87 0.31 -0.50	31.82 0.22 -0.76	27.94 0.11 -1.28	26.60 0.03 -1.20	25.82 0.00 -1.21	29.10 -0.08 -0.94	34.43 -0.03 -0.43	35.46 -0.18 -0.40	36.18 -0.14 -0.74	36.96 -0.33 -0.55	43.86 -0.09 -1.06	44.47 0.17 -1.49	49.85 0.23 -3.20	50.57 0.70 -3.41	52.70 0.85 -4.47	65.81 1.68 -6.25	86.95 2.06 -5.70	104.33 2.15 -4.37	89.37 2.27 -3.03	81.35 2.01 -1.87	72.32 2.80 -1.21	54.58 2.18 -0.50	47.83 0.74 -0.58	44.22 1.04 0.00
N.BELMOR_69_KV_BK1 55787	54.65 3.44 -17.14	40.02 2.90 -6.28	38.37 2.55 -9.27	36.46 2.39 -8.70	35.70 2.29 -8.80	37.72 2.63 -6.85	40.79 3.27 -3.49	43.50 3.66 -4.60	52.26 3.63 -13.06	68.28 3.89 -27.64	77.68 4.25 -30.54	78.89 4.15 -31.94	82.07 4.36 -31.29	97.32 4.79 -46.07	100.10 5.59 -47.13	133.76 7.41 -68.47	161.66 10.14 -72.34	176.22 12.42 -65.99	141.91 10.68 -47.17	100.03 8.68 -13.89	84.27 6.97 -8.99	81.37 5.29 -24.17	79.32 4.65 -28.17	76.04 4.15 -28.70
N.E._GEN_SANDY PD 24062	41.52 2.04 -5.41	39.63 1.82 -6.97	38.80 1.54 -10.71	36.90 1.47 -10.06	36.20 1.43 -10.16	39.00 1.64 -9.13	39.98 2.01 -3.94	40.80 2.15 -3.41	45.77 2.17 -8.02	47.74 2.32 -8.68	56.98 2.66 -11.43	61.58 2.61 -16.16	85.09 2.69 -35.98	89.07 2.88 -39.72	106.31 3.41 -55.52	123.90 4.28 -61.74	145.09 5.78 -60.12	155.00 7.14 -50.05	127.72 6.13 -37.51	102.66 4.96 -20.24	85.35 3.96 -13.08	60.38 3.06 -5.42	55.49 2.70 -6.29	45.65 2.46 0.00

N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	39.72 2.11 -3.54	37.88 1.76 -5.28	36.93 1.54 -8.84	35.14 1.47 -8.30	34.40 1.40 -8.39	36.32 1.55 -6.53	38.49 1.97 -2.48	40.34 2.29 -2.82	43.10 2.28 -5.25	38.46 2.54 0.82	53.33 2.96 -7.48	56.29 2.91 -10.57	72.13 3.06 -22.65	74.03 3.44 -24.13	84.94 4.12 -33.44	71.67 5.61 -8.18	78.70 7.60 8.09	84.63 9.29 22.47	74.79 7.90 17.18	96.90 6.20 -13.24	81.58 4.71 -8.55	58.98 3.53 -3.55	53.59 2.98 -4.12	45.73 2.55 0.00
N.QUEENS_27_KV_LOAD 356247	40.71 2.93 -3.72	38.83 2.44 -5.55	37.94 2.12 -9.27	36.08 2.00 -8.70	35.28 1.87 -8.79	37.03 1.95 -6.85	39.93 2.42 -3.49	41.01 2.82 -2.95	43.78 2.70 -5.50	46.92 3.01 -7.17	54.11 3.39 -7.84	57.18 3.30 -11.08	73.79 3.48 -23.89	75.93 3.86 -25.60	87.44 4.83 -35.23	132.94 6.42 -68.63	160.69 8.95 -72.55	175.10 11.05 -66.24	140.76 9.33 -47.36	98.62 7.28 -13.88	82.67 5.40 -8.96	59.73 4.10 -3.73	54.31 3.49 -4.32	46.52 3.33 -0.01
N.TROY___115KV_TB1 355778	46.57 1.98 -10.53	41.69 1.79 -9.06	40.11 1.49 -12.07	38.13 1.42 -11.34	37.45 1.38 -11.46	38.77 1.61 -8.93	40.33 1.97 -4.32	41.13 2.04 -3.85	53.24 2.06 -15.60	52.49 2.17 -13.58	67.70 2.57 -22.24	76.82 2.57 -31.45	119.01 2.74 -69.86	126.22 2.79 -76.97	160.78 3.03 -110.36	126.94 3.65 -65.41	146.31 4.99 -62.13	154.19 6.16 -50.22	136.52 5.38 -47.07	121.57 4.73 -39.38	97.85 4.10 -25.44	65.61 3.17 -10.55	61.48 2.74 -12.24	45.65 2.46 0.00
NARROWS_GT1_1 24228	40.82 3.03 -3.72	38.82 2.44 -5.54	37.97 2.15 -9.27	36.16 2.08 -8.71	35.38 1.97 -8.80	37.18 2.09 -6.85	40.17 2.66 -3.49	41.32 3.13 -2.95	44.10 3.02 -5.50	47.14 3.23 -7.17	54.33 3.60 -7.84	57.35 3.47 -11.09	90.60 3.67 -40.52	87.37 4.00 -36.91	105.49 5.02 -53.09	133.23 6.65 -68.70	184.46 9.10 -96.17	225.58 11.44 -116.33	188.49 9.41 -95.01	103.45 7.36 -18.63	93.42 5.53 -19.58	126.75 4.20 -70.64	81.68 3.72 -31.46	46.60 3.41 0.00
NARROWS_GT1_2 24229	40.82 3.03 -3.72	38.82 2.44 -5.54	37.97 2.15 -9.27	36.16 2.08 -8.71	35.38 1.97 -8.80	37.18 2.09 -6.85	40.17 2.66 -3.49	41.32 3.13 -2.95	44.10 3.02 -5.50	47.14 3.23 -7.17	54.33 3.60 -7.84	57.35 3.47 -11.09	90.60 3.67 -40.52	87.37 4.00 -36.91	105.49 5.02 -53.09	133.23 6.65 -68.70	184.46 9.10 -96.17	225.58 11.44 -116.33	188.49 9.41 -95.01	103.45 7.36 -18.63	93.42 5.53 -19.58	126.75 4.20 -70.64	81.68 3.72 -31.46	46.60 3.41 0.00
NARROWS_GT1_3 24230	40.82 3.03 -3.72	38.82 2.44 -5.54	37.97 2.15 -9.27	36.16 2.08 -8.71	35.38 1.97 -8.80	37.18 2.09 -6.85	40.17 2.66 -3.49	41.32 3.13 -2.95	44.10 3.02 -5.50	47.14 3.23 -7.17	54.33 3.60 -7.84	57.35 3.47 -11.09	90.60 3.67 -40.52	87.37 4.00 -36.91	105.49 5.02 -53.09	133.23 6.65 -68.70	184.46 9.10 -96.17	225.58 11.44 -116.33	188.49 9.41 -95.01	103.45 7.36 -18.63	93.42 5.53 -19.58	126.75 4.20 -70.64	81.68 3.72 -31.46	46.60 3.41 0.00
NARROWS_GT1_4 24231	40.82 3.03 -3.72	38.82 2.44 -5.54	37.97 2.15 -9.27	36.16 2.08 -8.71	35.38 1.97 -8.80	37.18 2.09 -6.85	40.17 2.66 -3.49	41.32 3.13 -2.95	44.10 3.02 -5.50	47.14 3.23 -7.17	54.33 3.60 -7.84	57.35 3.47 -11.09	90.60 3.67 -40.52	87.37 4.00 -36.91	105.49 5.02 -53.09	133.23 6.65 -68.70	184.46 9.10 -96.17	225.58 11.44 -116.33	188.49 9.41 -95.01	103.45 7.36 -18.63	93.42 5.53 -19.58	126.75 4.20 -70.64	81.68 3.72 -31.46	46.60 3.41 0.00
NARROWS_GT1_5 24232	40.82 3.03 -3.72	38.82 2.44 -5.54	37.97 2.15 -9.27	36.16 2.08 -8.71	35.38 1.97 -8.80	37.18 2.09 -6.85	40.17 2.66 -3.49	41.32 3.13 -2.95	44.10 3.02 -5.50	47.14 3.23 -7.17	54.33 3.60 -7.84	57.35 3.47 -11.09	90.60 3.67 -40.52	87.37 4.00 -36.91	105.49 5.02 -53.09	133.23 6.65 -68.70	184.46 9.10 -96.17	225.58 11.44 -116.33	188.49 9.41 -95.01	103.45 7.36 -18.63	93.42 5.53 -19.58	126.75 4.20 -70.64	81.68 3.72 -31.46	46.60 3.41 0.00
NARROWS_GT1_6 24233	40.82 3.03 -3.72	38.82 2.44 -5.54	37.97 2.15 -9.27	36.16 2.08 -8.71	35.38 1.97 -8.80	37.18 2.09 -6.85	40.17 2.66 -3.49	41.32 3.13 -2.95	44.10 3.02 -5.50	47.14 3.23 -7.17	54.33 3.60 -7.84	57.35 3.47 -11.09	90.60 3.67 -40.52	87.37 4.00 -36.91	105.49 5.02 -53.09	133.23 6.65 -68.70	184.46 9.10 -96.17	225.58 11.44 -116.33	188.49 9.41 -95.01	103.45 7.36 -18.63	93.42 5.53 -19.58	126.75 4.20 -70.64	81.68 3.72 -31.46	46.60 3.41 0.00
NARROWS_GT1_7 24234	40.82 3.03 -3.72	38.82 2.44 -5.54	37.97 2.15 -9.27	36.16 2.08 -8.71	35.38 1.97 -8.80	37.18 2.09 -6.85	40.17 2.66 -3.49	41.32 3.13 -2.95	44.10 3.02 -5.50	47.14 3.23 -7.17	54.33 3.60 -7.84	57.35 3.47 -11.09	90.60 3.67 -40.52	87.37 4.00 -36.91	105.49 5.02 -53.09	133.23 6.65 -68.70	184.46 9.10 -96.17	225.58 11.44 -116.33	188.49 9.41 -95.01	103.45 7.36 -18.63	93.42 5.53 -19.58	126.75 4.20 -70.64	81.68 3.72 -31.46	46.60 3.41 0.00
NARROWS_GT1_8 24235	40.82 3.03 -3.72	38.82 2.44 -5.54	37.97 2.15 -9.27	36.16 2.08 -8.71	35.38 1.97 -8.80	37.18 2.09 -6.85	40.17 2.66 -3.49	41.32 3.13 -2.95	44.10 3.02 -5.50	47.14 3.23 -7.17	54.33 3.60 -7.84	57.35 3.47 -11.09	90.60 3.67 -40.52	87.37 4.00 -36.91	105.49 5.02 -53.09	133.23 6.65 -68.70	184.46 9.10 -96.17	225.58 11.44 -116.33	188.49 9.41 -95.01	103.45 7.36 -18.63	93.42 5.53 -19.58	126.75 4.20 -70.64	81.68 3.72 -31.46	46.60 3.41 0.00
NARROWS_GT2_1 24236	40.82 3.03 -3.72	38.82 2.44 -5.54	37.97 2.15 -9.27	36.16 2.08 -8.71	35.38 1.97 -8.80	37.18 2.09 -6.85	40.17 2.66 -3.49	41.32 3.13 -2.95	44.10 3.02 -5.50	47.14 3.23 -7.17	54.33 3.60 -7.84	57.35 3.47 -11.09	90.60 3.67 -40.52	87.37 4.00 -36.91	105.49 5.02 -53.09	133.23 6.65 -68.70	184.46 9.10 -96.17	225.58 11.44 -116.33	188.49 9.41 -95.01	103.45 7.36 -18.63	93.42 5.53 -19.58	126.75 4.20 -70.64	81.68 3.72 -31.46	46.60 3.41 0.00
NARROWS_GT2_2 24237	40.82 3.03 -3.72	38.82 2.44 -5.54	37.97 2.15 -9.27	36.16 2.08 -8.71	35.38 1.97 -8.80	37.18 2.09 -6.85	40.17 2.66 -3.49	41.32 3.13 -2.95	44.10 3.02 -5.50	47.14 3.23 -7.17	54.33 3.60 -7.84	57.35 3.47 -11.09	90.60 3.67 -40.52	87.37 4.00 -36.91	105.49 5.02 -53.09	133.23 6.65 -68.70	184.46 9.10 -96.17	225.58 11.44 -116.33	188.49 9.41 -95.01	103.45 7.36 -18.63	93.42 5.53 -19.58	126.75 4.20 -70.64	81.68 3.72 -31.46	46.60 3.41 0.00
NARROWS_GT2_3 24238	40.82 3.03 -3.72	38.82 2.44 -5.54	37.97 2.15 -9.27	36.16 2.08 -8.71	35.38 1.97 -8.80	37.18 2.09 -6.85	40.17 2.66 -3.49	41.32 3.13 -2.95	44.10 3.02 -5.50	47.14 3.23 -7.17	54.33 3.60 -7.84	57.35 3.47 -11.09	90.60 3.67 -40.52	87.37 4.00 -36.91	105.49 5.02 -53.09	133.23 6.65 -68.70	184.46 9.10 -96.17	225.58 11.44 -116.33	188.49 9.41 -95.01	103.45 7.36 -18.63	93.42 5.53 -19.58	126.75 4.20 -70.64	81.68 3.72 -31.46	46.60 3.41 0.00
NARROWS_GT2_4 24239	40.82 3.03 -3.72	38.82 2.44 -5.54	37.97 2.15 -9.27	36.16 2.08 -8.71	35.38 1.97 -8.80	37.18 2.09 -6.85	40.17 2.66 -3.49	41.32 3.13 -2.95	44.10 3.02 -5.50	47.14 3.23 -7.17	54.33 3.60 -7.84	57.35 3.47 -11.09	90.60 3.67 -40.52	87.37 4.00 -36.91	105.49 5.02 -53.09	133.23 6.65 -68.70	184.46 9.10 -96.17	225.58 11.44 -116.33	188.49 9.41 -95.01	103.45 7.36 -18.63	93.42 5.53 -19.58	126.75 4.20 -70.64	81.68 3.72 -31.46	46.60 3.41 0.00

NARROWS_GT2_5 24240	40.82 3.03 -3.72	38.82 2.44 -5.54	37.97 2.15 -9.27	36.16 2.08 -8.71	35.38 1.97 -8.80	37.18 2.09 -6.85	40.17 2.66 -3.49	41.32 3.13 -2.95	44.10 3.02 -5.50	47.14 3.23 -7.17	54.33 3.60 -7.84	57.35 3.47 -11.09	90.60 3.67 -40.52	87.37 4.00 -36.91	105.49 5.02 -53.09	133.23 6.65 -68.70	184.46 9.10 -96.17	225.58 11.44 -116.33	188.49 9.41 -95.01	103.45 7.36 -18.63	93.42 5.53 -19.58	126.75 4.20 -70.64	81.68 3.72 -31.46	46.60 3.41 0.00
NARROWS_GT2_6 24241	40.82 3.03 -3.72	38.82 2.44 -5.54	37.97 2.15 -9.27	36.16 2.08 -8.71	35.38 1.97 -8.80	37.18 2.09 -6.85	40.17 2.66 -3.49	41.32 3.13 -2.95	44.10 3.02 -5.50	47.14 3.23 -7.17	54.33 3.60 -7.84	57.35 3.47 -11.09	90.60 3.67 -40.52	87.37 4.00 -36.91	105.49 5.02 -53.09	133.23 6.65 -68.70	184.46 9.10 -96.17	225.58 11.44 -116.33	188.49 9.41 -95.01	103.45 7.36 -18.63	93.42 5.53 -19.58	126.75 4.20 -70.64	81.68 3.72 -31.46	46.60 3.41 0.00
NARROWS_GT2_7 24242	40.82 3.03 -3.72	38.82 2.44 -5.54	37.97 2.15 -9.27	36.16 2.08 -8.71	35.38 1.97 -8.80	37.18 2.09 -6.85	40.17 2.66 -3.49	41.32 3.13 -2.95	44.10 3.02 -5.50	47.14 3.23 -7.17	54.33 3.60 -7.84	57.35 3.47 -11.09	90.60 3.67 -40.52	87.37 4.00 -36.91	105.49 5.02 -53.09	133.23 6.65 -68.70	184.46 9.10 -96.17	225.58 11.44 -116.33	188.49 9.41 -95.01	103.45 7.36 -18.63	93.42 5.53 -19.58	126.75 4.20 -70.64	81.68 3.72 -31.46	46.60 3.41 0.00
NARROWS_GT2_8 24243	40.82 3.03 -3.72	38.82 2.44 -5.54	37.97 2.15 -9.27	36.16 2.08 -8.71	35.38 1.97 -8.80	37.18 2.09 -6.85	40.17 2.66 -3.49	41.32 3.13 -2.95	44.10 3.02 -5.50	47.14 3.23 -7.17	54.33 3.60 -7.84	57.35 3.47 -11.09	90.60 3.67 -40.52	87.37 4.00 -36.91	105.49 5.02 -53.09	133.23 6.65 -68.70	184.46 9.10 -96.17	225.58 11.44 -116.33	188.49 9.41 -95.01	103.45 7.36 -18.63	93.42 5.53 -19.58	126.75 4.20 -70.64	81.68 3.72 -31.46	46.60 3.41 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	42.64 2.11 -6.46	40.12 1.97 -7.30	39.23 1.54 -11.14	37.28 1.45 -10.46	36.61 1.43 -10.57	38.16 1.69 -8.23	39.98 1.97 -3.97	40.65 1.87 -3.55	46.86 1.71 -9.58	47.36 1.80 -8.81	58.43 1.89 -13.65	63.82 1.71 -19.31	87.11 1.95 -38.74	87.03 1.95 -38.61	86.18 1.99 -36.81	117.06 2.72 -56.46	129.88 3.96 -46.74	135.96 5.09 -33.06	119.72 3.78 -31.86	105.67 4.03 -24.18	87.48 3.55 -15.62	61.39 3.01 -6.47	56.90 2.88 -7.51	45.86 2.68 0.00
NCHELSEA_115KV_TR2 355582	40.51 2.69 -3.75	38.72 2.31 -5.56	37.81 1.96 -9.29	35.95 1.85 -8.72	35.20 1.77 -8.81	37.11 2.00 -6.87	39.72 2.42 -3.27	40.87 2.68 -2.96	43.66 2.53 -5.56	44.73 2.83 -5.15	54.33 3.52 -7.93	57.56 3.55 -11.21	74.28 3.85 -24.01	76.13 4.09 -25.58	87.12 4.69 -35.05	112.30 6.19 -48.22	132.63 8.47 -44.97	143.80 10.47 -35.53	117.90 8.91 -24.92	99.01 7.51 -14.04	83.19 5.81 -9.07	60.12 4.46 -3.76	54.58 3.72 -4.36	46.34 3.15 0.00
NEG CAPITAL___MECHNVIL 23645	48.09 2.56 -11.47	42.60 2.31 -9.44	40.66 1.86 -12.25	38.65 1.78 -11.50	37.96 1.72 -11.62	39.33 2.03 -9.06	40.89 2.48 -4.37	41.75 2.61 -3.90	55.28 2.70 -17.00	54.17 2.87 -14.56	70.47 3.35 -24.24	80.50 3.43 -34.27	125.37 3.76 -75.20	132.17 3.76 -81.94	165.06 3.79 -113.89	128.49 4.52 -66.10	148.20 6.34 -62.67	155.99 7.63 -50.55	140.07 6.90 -49.11	126.80 6.43 -42.91	101.84 5.80 -27.72	67.75 4.36 -11.49	63.51 3.67 -13.34	46.47 3.28 0.00
NEG CENTRAL_HIGH_ACRES 23767	34.22 -0.24 -0.40	31.34 -0.12 -0.62	27.44 -0.16 -1.04	26.15 -0.20 -0.98	25.38 -0.22 -0.99	28.78 -0.23 -0.77	34.22 -0.17 -0.35	35.32 -0.24 -0.33	35.91 -0.25 -0.58	36.88 -0.30 -0.43	43.59 -0.13 -0.83	44.06 0.09 -1.17	49.11 0.19 -2.51	49.42 0.28 -2.67	51.31 0.43 -3.51	64.13 1.10 -5.15	85.22 1.34 -4.69	103.63 1.47 -4.35	88.18 1.51 -2.59	80.09 1.16 -1.47	71.10 1.50 -1.28	53.33 1.04 -0.39	47.00 0.05 -0.46	43.19 0.00 0.00
NEG CENTRAL___DRP 24199	34.95 0.44 -0.44	31.95 0.43 -0.68	28.02 0.32 -1.14	26.73 0.28 -1.07	25.97 0.27 -1.08	29.42 0.34 -0.84	34.90 0.48 -0.39	35.98 0.39 -0.36	36.66 0.43 -0.65	37.59 0.37 -0.48	44.50 0.69 -0.92	44.96 0.86 -1.31	50.24 1.02 -2.80	50.56 1.12 -2.98	52.38 1.09 -3.91	65.13 1.68 -5.57	86.56 2.30 -5.07	106.64 2.93 -5.89	93.33 2.86 -6.41	84.51 2.63 -4.42	74.74 2.60 -3.83	54.47 1.87 -0.70	48.08 1.07 -0.51	43.96 0.78 0.00
NEG CENTRAL___INDECK 23768	36.07 1.40 -0.61	32.94 1.20 -0.90	29.01 0.95 -1.50	27.62 0.84 -1.41	26.83 0.79 -1.42	30.28 0.93 -1.11	35.63 1.09 -0.51	36.56 0.84 -0.48	37.15 0.67 -0.90	37.89 0.48 -0.67	43.75 -0.43 -1.29	44.32 -0.30 -1.82	50.26 -0.05 -3.89	50.61 0.00 -4.15	51.97 -0.85 -5.44	65.52 0.23 -7.40	86.17 0.24 -6.74	102.58 -0.39 -5.16	87.94 0.25 -3.62	80.74 1.00 -2.28	72.11 2.32 -1.47	54.33 1.82 -0.61	48.88 1.67 -0.71	44.78 1.60 0.00
NEG CENTRAL___SENECA 23627	35.07 0.51 -0.50	32.09 0.49 -0.75	28.19 0.37 -1.26	26.89 0.33 -1.18	26.13 0.32 -1.20	29.56 0.40 -0.93	35.00 0.54 -0.43	36.09 0.46 -0.40	36.81 0.50 -0.73	37.69 0.40 -0.54	44.71 0.77 -1.04	45.26 0.98 -1.48	50.69 1.11 -3.16	51.18 1.35 -3.37	53.12 1.33 -4.42	66.13 2.08 -6.17	87.65 2.85 -5.62	106.75 3.62 -5.32	90.77 3.53 -3.18	82.64 3.33 -1.85	73.23 3.28 -1.64	54.73 2.34 -0.50	48.38 1.30 -0.57	44.18 0.99 0.00
NEG CENTRAL___STATE_STREET 24147	35.29 0.78 -0.44	32.28 0.77 -0.67	28.31 0.64 -1.12	27.03 0.61 -1.05	26.24 0.57 -1.06	29.77 0.71 -0.83	35.33 0.92 -0.38	36.43 0.85 -0.35	37.14 0.93 -0.64	38.17 0.96 -0.47	44.87 1.07 -0.91	45.28 1.20 -1.28	50.60 1.44 -2.75	50.79 1.39 -2.93	52.83 1.61 -3.84	65.64 2.32 -5.44	87.23 3.09 -4.96	108.29 3.81 -6.66	94.53 3.61 -6.84	85.54 3.41 -4.66	75.83 3.14 -4.37	54.96 2.34 -0.72	48.58 1.58 -0.50	44.31 1.12 0.00
NEG MILLWOOD___DRP 24198	40.78 2.93 -3.78	38.94 2.47 -5.63	38.08 2.12 -9.40	36.21 2.00 -8.83	35.43 1.90 -8.92	37.33 2.15 -6.95	40.24 2.76 -3.46	41.40 3.17 -3.00	44.17 2.99 -5.61	46.61 3.31 -6.56	54.96 4.07 -7.99	58.21 4.11 -11.30	75.08 4.46 -24.21	77.19 4.93 -25.80	89.10 6.06 -35.66	121.18 7.76 -55.55	144.32 10.53 -54.60	156.96 13.20 -45.95	127.69 11.27 -32.36	100.68 9.06 -14.16	84.63 7.17 -9.14	60.99 5.29 -3.79	55.13 4.23 -4.40	46.60 3.41 0.00
NEG NORTH_FLCN_SEA 23793	33.25 -0.82 0.00	29.92 -0.93 0.00	25.70 -0.85 0.00	24.71 -0.66 0.00	23.93 -0.69 0.00	27.47 -0.76 0.00	32.94 -1.09 0.00	34.11 -1.13 0.00	34.55 -1.03 0.00	34.83 -1.91 0.00	39.71 -3.17 0.00	39.12 -3.68 0.00	42.10 -4.32 0.00	42.61 -3.86 0.00	43.21 -4.17 0.00	46.74 -5.38 5.76	52.70 -6.41 20.08	59.00 -7.53 31.28	58.44 -6.47 19.15	56.27 -5.34 15.85	52.90 -4.65 10.77	46.82 -3.58 1.50	43.62 -2.88 0.00	40.64 -2.55 0.00
NEG NORTH_KES_CHATEGAY 23792	32.94 -1.12 0.00	29.67 -1.17 0.00	25.49 -1.06 0.00	24.49 -0.89 0.00	23.70 -0.91 0.00	27.25 -0.99 0.00	32.70 -1.33 0.00	33.86 -1.37 0.00	34.30 -1.28 0.00	35.09 -1.65 0.00	40.49 -2.40 0.00	40.10 -2.70 0.00	43.26 -3.16 0.00	43.63 -2.83 0.00	44.21 -3.17 0.00	47.56 -4.11 6.21	52.60 -4.83 21.76	58.05 -5.67 34.09	56.23 -4.88 22.97	54.51 -3.95 19.00	52.05 -3.35 12.91	47.46 -2.65 1.80	44.50 -2.00 0.00	41.50 -1.68 0.00

NEG NORTH___ALICE_FALLS 23915	33.25 -0.82 0.00	29.92 -0.93 0.00	25.70 -0.85 0.00	24.69 -0.69 0.00	23.93 -0.69 0.00	27.47 -0.76 0.00	32.94 -1.09 0.00	34.14 -1.09 0.00	34.55 -1.03 0.00	35.05 -1.69 0.00	40.19 -2.70 0.00	39.72 -3.08 0.00	42.75 -3.67 0.00	43.21 -3.25 0.00	43.78 -3.60 0.00	47.36 -4.69 5.83	53.38 -5.46 20.34	59.82 -6.26 31.73	58.93 -5.38 19.76	56.78 -4.34 16.35	53.51 -3.69 11.11	47.45 -2.91 1.55	44.22 -2.28 0.00	41.20 -1.99 0.00
NEG NORTH___LWR_SARANAC 23913	33.25 -0.82 0.00	29.92 -0.93 0.00	25.70 -0.85 0.00	24.69 -0.69 0.00	23.93 -0.69 0.00	27.47 -0.76 0.00	32.94 -1.09 0.00	34.14 -1.09 0.00	34.55 -1.03 0.00	35.05 -1.69 0.00	40.19 -2.70 0.00	39.72 -3.08 0.00	42.75 -3.67 0.00	43.21 -3.25 0.00	43.78 -3.60 0.00	47.36 -4.69 5.83	53.38 -5.46 20.34	59.82 -6.26 31.73	58.93 -5.38 19.76	56.78 -4.34 16.35	53.51 -3.69 11.11	47.45 -2.91 1.55	44.22 -2.28 0.00	41.20 -1.99 0.00
NEG NORTH___PLATTSBURG 23628	33.25 -0.82 0.00	29.92 -0.92 0.00	25.70 -0.85 0.00	24.69 -0.68 0.00	23.93 -0.69 0.00	27.48 -0.76 0.00	32.94 -1.09 0.00	34.14 -1.09 0.00	34.55 -1.03 0.00	35.05 -1.69 0.00	40.19 -2.70 0.00	39.72 -3.08 0.00	42.70 -3.71 0.00	43.26 -3.21 0.00	43.78 -3.60 0.00	47.36 -4.69 5.83	53.38 -5.46 20.34	59.73 -6.36 31.73	58.93 -5.38 19.76	56.78 -4.34 16.35	53.51 -3.69 11.11	47.45 -2.91 1.55	44.22 -2.28 0.00	41.20 -1.99 0.00
NEG WEST_LEA_LOCKPORT 23791	34.11 -0.48 -0.52	31.13 -0.49 -0.79	27.39 -0.48 -1.32	26.08 -0.53 -1.24	25.30 -0.57 -1.25	28.45 -0.76 -0.97	33.59 -0.88 -0.45	34.56 -1.09 -0.42	35.32 -1.03 -0.77	36.07 -1.25 -0.57	42.74 -1.24 -1.10	43.32 -1.03 -1.55	48.72 -1.02 -3.32	49.49 -0.51 -3.54	51.73 -0.28 -4.64	64.68 0.35 -6.45	85.15 0.08 -5.88	101.73 -0.59 -4.51	87.20 0.00 -3.13	79.33 -0.08 -1.94	70.52 0.96 -1.25	53.20 0.78 -0.52	46.78 -0.33 -0.60	43.27 0.09 0.00
NEG WEST___LANCASTR 23811	34.55 -0.14 -0.63	30.59 -1.17 -0.92	27.03 -1.06 -1.54	25.75 -1.07 -1.44	24.96 -1.11 -1.46	28.05 -1.33 -1.14	33.02 -1.53 -0.52	34.17 -1.55 -0.49	36.15 -0.36 -0.92	36.80 -0.62 -0.69	43.73 -0.47 -1.32	44.41 -0.26 -1.86	50.26 -0.14 -3.99	51.27 0.56 -4.25	53.85 0.90 -5.57	65.54 0.12 -7.54	85.98 -0.08 -6.87	102.49 -0.59 -5.26	87.68 -0.08 -3.69	81.65 1.86 -2.33	72.21 2.39 -1.51	54.34 1.82 -0.62	47.78 0.56 -0.72	43.96 0.78 0.00
NEG_PENN_ALLEGHNY 23528	35.98 0.68 -1.24	33.08 0.56 -1.68	29.74 0.45 -2.73	28.34 0.40 -2.57	27.58 0.37 -2.59	30.71 0.45 -2.02	35.51 0.58 -0.90	36.70 0.60 -0.87	38.16 0.75 -1.83	38.64 0.77 -1.12	46.48 0.99 -2.61	47.56 1.07 -3.69	55.61 1.30 -7.90	56.23 1.35 -8.42	59.97 1.56 -11.03	73.45 2.08 -13.49	94.24 2.77 -12.29	111.77 3.33 -10.63	94.26 3.11 -7.08	85.18 3.10 -4.62	74.77 2.94 -3.52	55.32 2.18 -1.24	49.33 1.39 -1.44	44.35 1.17 0.00
NEG___GEN_MONROE 24207	35.16 0.68 -0.42	32.26 0.77 -0.65	28.20 0.56 -1.09	26.83 0.43 -1.02	26.02 0.37 -1.03	29.44 0.40 -0.81	34.95 0.54 -0.37	36.00 0.42 -0.35	36.55 0.36 -0.61	37.38 0.18 -0.45	44.40 0.64 -0.87	44.93 0.90 -1.23	49.99 0.93 -2.64	50.54 1.25 -2.82	52.25 1.18 -3.69	65.32 2.08 -5.35	86.67 2.61 -4.87	104.48 2.93 -3.73	89.65 3.03 -2.56	81.41 2.40 -1.54	72.11 2.80 -1.00	54.55 2.23 -0.41	47.96 0.98 -0.48	44.40 1.21 0.00
NEPA___ENERGY 23901	34.70 0.00 -0.63	31.43 -0.34 -0.93	27.78 -0.32 -1.55	26.45 -0.38 -1.45	25.64 -0.44 -1.47	28.84 -0.54 -1.14	34.01 -0.54 -0.53	35.20 -0.53 -0.49	36.48 -0.04 -0.93	37.25 -0.18 -0.69	44.13 -0.09 -1.33	44.76 0.09 -1.88	50.67 0.23 -4.02	51.68 0.93 -4.29	54.32 1.33 -5.62	67.39 1.91 -7.60	88.56 2.45 -6.92	105.66 2.54 -5.30	90.40 2.61 -3.72	82.60 2.79 -2.35	73.04 3.21 -1.52	55.02 2.49 -0.63	48.44 1.21 -0.73	44.44 1.25 0.00
NEVERSINK___HYD 23608	39.43 1.97 -3.39	37.34 1.66 -4.84	35.95 1.41 -7.99	34.19 1.32 -7.50	33.45 1.25 -7.58	35.55 1.41 -5.90	38.37 1.73 -2.60	40.07 2.29 -2.55	42.77 2.17 -5.02	41.87 2.42 -2.70	53.27 3.22 -7.16	56.27 3.34 -10.12	71.58 3.67 -21.50	71.50 2.32 -22.71	80.45 2.79 -30.28	97.26 3.99 -35.39	113.66 4.59 -29.89	124.39 5.87 -20.72	104.25 4.96 -15.22	94.40 4.26 -12.68	79.51 3.00 -8.19	58.93 3.63 -3.39	53.37 2.93 -3.94	45.52 2.33 0.00
NEWKRMKL_115KV_TB1 55635	44.16 1.36 -8.73	40.54 1.26 -8.43	39.56 1.04 -11.98	37.58 0.96 -11.24	36.91 0.94 -11.36	38.19 1.10 -8.85	39.64 1.33 -4.28	40.42 1.37 -3.82	49.91 1.39 -12.94	49.73 1.40 -11.59	62.97 1.63 -18.45	70.51 1.63 -26.08	103.40 1.72 -55.26	106.54 1.81 -58.26	120.51 2.04 -71.10	125.11 2.43 -64.79	144.03 3.33 -61.51	151.51 4.01 -49.69	130.55 3.45 -43.03	113.07 2.94 -32.66	91.94 2.53 -21.10	62.67 2.02 -8.75	58.47 1.81 -10.15	44.83 1.64 0.00
NEWTON___FALLS_HYD 23847	33.38 -0.68 0.00	30.22 -0.74 -0.12	26.17 -0.64 -0.25	24.98 -0.63 -0.24	24.31 -0.54 -0.24	27.89 -0.54 -0.19	33.51 -0.61 -0.09	34.57 -0.74 -0.08	34.83 -0.75 0.00	35.82 -0.92 0.00	41.69 -1.20 0.00	41.73 -1.07 0.00	45.26 -1.16 0.00	45.26 -1.21 0.00	45.67 -1.71 0.00	71.09 -2.60 -15.82	127.99 -3.56 -52.37	176.22 -3.81 -82.22	207.28 -2.94 -126.16	180.22 -1.16 -103.92	138.72 -0.68 -71.09	61.31 -0.42 -9.82	46.22 -0.28 0.00	42.67 -0.52 0.00
NGRID_A1_DSASP 323792	34.02 -0.58 -0.53	31.15 -0.49 -0.80	27.41 -0.48 -1.34	26.12 -0.51 -1.26	25.34 -0.54 -1.27	28.49 -0.73 -0.99	33.50 -0.99 -0.45	34.29 -1.37 -0.43	34.94 -1.42 -0.79	35.75 -1.58 -0.58	42.29 -1.72 -1.12	42.72 -1.67 -1.59	48.19 -1.63 -3.40	48.60 -1.49 -3.62	51.08 -1.04 -4.74	64.02 -0.40 -6.54	84.26 -0.95 -6.02	100.36 -2.06 -4.61	86.18 -1.10 -3.20	78.21 -1.24 -1.99	69.39 -0.20 -1.28	52.43 0.00 -0.53	46.05 -1.07 -0.62	42.75 -0.43 0.00
NGRID_A2_DSASP 323793	34.02 -0.58 -0.53	31.15 -0.49 -0.80	27.41 -0.48 -1.34	26.12 -0.51 -1.26	25.34 -0.54 -1.27	28.49 -0.73 -0.99	33.50 -0.99 -0.45	34.29 -1.37 -0.43	34.94 -1.42 -0.79	35.75 -1.58 -0.58	42.29 -1.72 -1.12	42.72 -1.67 -1.59	48.19 -1.63 -3.40	48.60 -1.49 -3.62	51.08 -1.04 -4.74	64.02 -0.40 -6.54	84.26 -0.95 -6.02	100.36 -2.06 -4.61	86.18 -1.10 -3.20	78.21 -1.24 -1.99	69.39 -0.20 -1.28	52.43 0.00 -0.53	46.05 -1.07 -0.62	42.75 -0.43 0.00
NGRID_A4_DSASP 323807	34.05 -0.55 -0.53	31.15 -0.49 -0.80	27.41 -0.48 -1.34	26.12 -0.51 -1.26	25.34 -0.54 -1.27	28.46 -0.76 -0.99	33.50 -0.99 -0.45	34.28 -1.37 -0.42	34.94 -1.42 -0.79	35.67 -1.65 -0.58	42.29 -1.72 -1.12	42.72 -1.67 -1.58	48.09 -1.72 -3.39	48.82 -1.25 -3.61	51.07 -1.04 -4.74	63.98 -0.41 -6.51	84.22 -0.95 -5.99	100.44 -1.96 -4.59	86.17 -1.09 -3.19	78.21 -1.24 -1.98	69.39 -0.20 -1.28	52.38 -0.05 -0.53	46.14 -0.98 -0.62	42.75 -0.43 0.00
NIAGARA_115E_LBMP 323715	33.78 -0.82 -0.53	30.87 -0.77 -0.80	27.18 -0.72 -1.34	25.87 -0.76 -1.26	25.12 -0.76 -1.27	28.24 -0.99 -0.99	33.30 -1.19 -0.46	34.22 -1.45 -0.43	34.98 -1.39 -0.79	35.75 -1.58 -0.59	42.25 -1.76 -1.13	42.85 -1.54 -1.59	48.34 -1.49 -3.41	48.80 -1.30 -3.63	51.24 -0.90 -4.76	64.21 -0.29 -6.62	84.43 -0.79 -6.03	100.67 -1.76 -4.62	86.36 -0.92 -3.21	78.45 -1.01 -1.99	69.67 0.07 -1.29	52.64 0.21 -0.53	46.19 -0.93 -0.62	42.80 -0.39 0.00

NIAGARA_115W_LBMP 323714	33.95 -0.65 -0.53	31.09 -0.55 -0.80	27.38 -0.51 -1.34	26.07 -0.56 -1.25	25.29 -0.59 -1.27	28.43 -0.79 -0.99	33.43 -1.06 -0.45	34.18 -1.48 -0.43	34.87 -1.49 -0.79	35.64 -1.69 -0.58	42.21 -1.80 -1.12	42.63 -1.76 -1.58	48.04 -1.76 -3.39	48.50 -1.58 -3.61	50.98 -1.14 -4.74	63.83 -0.58 -6.53	84.01 -1.19 -6.01	100.16 -2.25 -4.60	85.92 -1.35 -3.20	77.97 -1.47 -1.98	69.25 -0.34 -1.28	52.33 -0.10 -0.53	45.91 -1.21 -0.62	42.62 -0.56 0.00
NIAGARA_230_LBMP 323716	34.11 -0.48 -0.52	31.20 -0.43 -0.79	27.47 -0.40 -1.32	26.16 -0.46 -1.24	25.37 -0.49 -1.25	28.56 -0.65 -0.97	33.70 -0.78 -0.45	34.63 -1.02 -0.42	35.32 -1.03 -0.77	36.11 -1.21 -0.57	42.75 -1.25 -1.10	43.29 -1.07 -1.56	48.78 -0.98 -3.34	49.19 -0.84 -3.56	51.66 -0.38 -4.66	64.74 0.35 -6.51	85.19 0.08 -5.93	101.67 -0.68 -4.54	87.22 0.00 -3.15	79.26 -0.15 -1.95	70.33 0.75 -1.26	53.05 0.63 -0.52	46.55 -0.56 -0.61	43.14 -0.04 0.00
NIAGARA__115KV_198_GIBSON 55903	33.95 -0.65 -0.53	31.08 -0.56 -0.80	27.36 -0.53 -1.34	26.07 -0.56 -1.25	25.29 -0.59 -1.27	28.41 -0.82 -0.99	33.43 -1.05 -0.45	34.18 -1.48 -0.42	34.87 -1.49 -0.79	35.56 -1.76 -0.58	42.21 -1.80 -1.12	42.63 -1.75 -1.58	47.99 -1.81 -3.39	48.68 -1.39 -3.61	50.92 -1.18 -4.73	63.80 -0.58 -6.50	83.98 -1.19 -5.98	100.14 -2.25 -4.58	85.91 -1.35 -3.19	77.97 -1.47 -1.98	69.25 -0.34 -1.28	52.22 -0.21 -0.53	46.00 -1.12 -0.62	42.62 -0.56 0.00
NIAGARA____ 23760	33.85 -0.75 -0.53	30.93 -0.71 -0.80	27.26 -0.64 -1.34	25.95 -0.68 -1.26	25.17 -0.71 -1.27	28.30 -0.93 -0.99	33.36 -1.12 -0.45	34.25 -1.41 -0.43	35.01 -1.35 -0.78	35.82 -1.51 -0.58	42.33 -1.67 -1.12	42.84 -1.54 -1.58	48.32 -1.49 -3.39	48.82 -1.25 -3.60	51.29 -0.81 -4.72	64.26 -0.17 -6.55	84.54 -0.64 -5.99	100.93 -1.46 -4.58	86.58 -0.68 -3.19	78.59 -0.85 -1.98	69.66 0.07 -1.28	52.64 0.21 -0.53	46.19 -0.93 -0.61	42.71 -0.47 0.00
NINE_MILE_1 23575	33.18 -0.89 0.00	30.33 -0.77 -0.26	26.44 -0.66 -0.55	25.25 -0.63 -0.51	24.49 -0.64 -0.52	27.91 -0.73 -0.41	33.33 -0.89 -0.19	34.49 -0.92 -0.17	34.65 -0.93 0.00	35.79 -0.96 0.00	41.82 -1.07 0.00	41.82 -0.98 0.00	45.39 -1.02 0.00	45.44 -1.02 0.00	46.34 -1.04 0.00	59.55 -1.04 -2.71	80.07 -1.58 -2.47	79.84 -2.06 15.91	79.98 -1.68 2.40	75.99 -1.47 0.00	59.28 -1.23 7.81	51.02 -0.88 0.00	45.43 -1.07 0.00	42.15 -1.04 0.00
NINE_MILE_2 23744	33.18 -0.89 0.00	30.33 -0.77 -0.26	26.44 -0.66 -0.55	25.25 -0.63 -0.51	24.49 -0.64 -0.52	27.91 -0.73 -0.40	33.33 -0.89 -0.19	34.49 -0.92 -0.17	34.65 -0.93 0.00	35.79 -0.96 0.00	41.82 -1.07 0.00	41.82 -0.98 0.00	45.39 -1.02 0.00	45.44 -1.02 0.00	46.34 -1.04 0.00	59.54 -1.04 -2.70	80.06 -1.58 -2.46	79.56 -2.06 16.19	79.93 -1.68 2.45	75.99 -1.47 0.00	59.16 -1.23 7.93	51.02 -0.88 0.00	45.43 -1.07 0.00	42.15 -1.04 0.00
NM_CAPITAL____DRP 24208	44.17 1.46 -8.64	40.58 1.36 -8.38	39.60 1.12 -11.93	37.62 1.04 -11.21	36.97 1.03 -11.33	38.25 1.19 -8.82	39.73 1.43 -4.27	40.52 1.48 -3.80	49.88 1.49 -12.80	49.79 1.54 -11.51	62.90 1.76 -18.25	70.32 1.71 -25.81	105.25 1.81 -57.02	110.94 1.95 -62.53	137.18 2.18 -87.62	125.17 2.60 -64.69	144.29 3.64 -61.46	151.90 4.40 -49.69	130.73 3.78 -42.88	113.03 3.25 -32.32	91.92 2.73 -20.88	62.68 2.13 -8.65	58.50 1.95 -10.04	44.96 1.77 0.00
NM_CENTRAL____DRP 24181	33.96 -0.10 0.00	31.15 -0.06 -0.37	27.27 -0.08 -0.79	26.07 -0.05 -0.75	25.32 -0.05 -0.75	28.71 -0.11 -0.59	34.23 -0.07 -0.27	35.38 -0.11 -0.25	35.51 -0.07 0.00	36.67 -0.07 0.00	42.97 0.09 0.00	42.97 0.17 0.00	46.69 0.28 0.00	46.79 0.33 0.00	47.66 0.28 0.00	62.36 0.64 -3.84	83.40 0.71 -3.50	102.89 0.68 -4.40	91.61 0.76 -6.79	82.51 0.70 -4.35	72.77 0.75 -3.71	52.83 0.52 -0.41	46.64 0.14 0.00	43.14 -0.04 0.00
NM_FRONTIER____DRP 24179	33.95 -0.65 -0.53	31.08 -0.56 -0.80	27.36 -0.53 -1.34	26.07 -0.56 -1.25	25.29 -0.59 -1.27	28.41 -0.82 -0.99	33.43 -1.05 -0.45	34.18 -1.48 -0.42	34.87 -1.49 -0.79	35.56 -1.76 -0.58	42.21 -1.80 -1.12	42.63 -1.75 -1.58	47.99 -1.81 -3.39	48.68 -1.39 -3.61	50.92 -1.18 -4.73	63.80 -0.58 -6.50	83.98 -1.19 -5.98	100.14 -2.25 -4.58	85.91 -1.35 -3.19	77.97 -1.47 -1.98	69.25 -0.34 -1.28	52.22 -0.21 -0.53	46.00 -1.12 -0.62	42.62 -0.56 0.00
NM_ST_REGIS____HYD 24053	32.60 -1.46 0.00	29.36 -1.48 0.00	25.28 -1.27 0.00	24.18 -1.19 0.00	23.51 -1.11 0.00	27.02 -1.21 0.00	32.53 -1.50 0.00	33.65 -1.59 0.00	34.05 -1.53 0.00	34.98 -1.76 0.00	40.62 -2.27 0.00	40.49 -2.31 0.00	43.77 -2.65 0.00	43.91 -2.56 0.00	44.30 -3.08 0.00	42.86 -4.69 10.33	35.61 -6.41 37.16	30.80 -7.63 59.38	19.87 -6.31 57.89	24.84 -4.65 47.98	32.03 -3.89 32.39	44.41 -2.96 4.54	44.41 -2.09 0.00	41.29 -1.90 0.00
NORTHPORT____1 23551	54.72 3.51 -17.14	40.08 2.96 -6.28	38.43 2.60 -9.28	36.51 2.44 -8.70	35.80 2.39 -8.80	37.72 2.63 -6.86	40.93 3.40 -3.50	43.68 3.84 -4.60	52.58 3.95 -13.06	68.50 4.11 -27.64	77.81 4.38 -30.54	78.94 4.20 -31.94	81.03 3.99 -30.62	93.62 3.85 -43.30	93.46 4.84 -41.25	98.67 6.31 -34.48	98.75 8.63 -10.93	114.30 10.57 -5.92	121.02 9.00 -27.95	94.42 7.36 -9.59	81.92 5.88 -7.73	79.51 4.36 -23.24	78.58 4.56 -27.52	75.41 4.02 -28.20
NORTHPORT____2 23552	54.72 3.51 -17.14	40.08 2.96 -6.28	38.43 2.60 -9.28	36.51 2.44 -8.70	35.80 2.39 -8.80	37.72 2.63 -6.86	40.93 3.40 -3.50	43.68 3.84 -4.60	52.58 3.95 -13.06	68.50 4.11 -27.64	77.81 4.38 -30.54	78.94 4.20 -31.94	81.03 3.99 -30.62	93.62 3.85 -43.30	93.46 4.84 -41.25	98.67 6.31 -34.48	98.75 8.63 -10.93	114.30 10.57 -5.92	121.02 9.00 -5.52	94.42 7.36 -7.03	81.92 5.88 -6.04	79.51 4.36 -23.24	78.58 4.56 -27.52	75.41 4.02 -28.20
NORTHPORT____3 23553	54.17 2.96 -17.14	39.56 2.44 -6.28	37.98 2.15 -9.28	36.08 2.00 -8.70	35.33 1.92 -8.80	37.24 2.14 -6.86	40.32 2.79 -3.50	43.01 3.17 -4.60	51.90 3.27 -13.05	67.91 3.53 -27.64	77.29 3.86 -30.54	78.20 3.47 -31.93	80.91 3.62 -30.87	93.71 3.95 -43.29	95.72 4.74 -43.60	98.66 6.31 -34.47	98.66 8.55 -10.92	114.29 10.57 -5.91	98.66 9.08 -5.51	94.07 7.75 -8.86	80.97 6.62 -6.03	80.63 5.14 -23.59	78.12 3.86 -27.76	75.63 4.06 -28.39
NORTHPORT____4 23650	54.17 2.96 -17.14	39.56 2.44 -6.28	37.98 2.15 -9.28	36.08 2.00 -8.70	35.33 1.92 -8.80	37.24 2.14 -6.86	40.32 2.79 -3.50	43.01 3.17 -4.60	51.90 3.27 -13.05	67.91 3.53 -27.64	77.29 3.86 -30.54	78.20 3.47 -31.93	80.91 3.62 -30.87	93.71 3.95 -43.29	95.72 4.74 -43.60	98.66 6.31 -34.47	98.66 8.55 -10.92	114.29 10.57 -5.91	98.66 9.08 -5.51	94.07 7.75 -8.86	80.97 6.62 -6.03	80.63 5.14 -23.59	78.12 3.86 -27.76	75.63 4.06 -28.39
NORTHPORT____IC 23718	54.72 3.51 -17.14	40.08 2.96 -6.28	38.43 2.60 -9.28	36.51 2.44 -8.70	35.80 2.39 -8.80	37.72 2.63 -6.86	40.93 3.40 -3.50	43.68 3.84 -4.60	52.58 3.95 -13.06	68.50 4.11 -27.64	77.81 4.38 -30.54	78.94 4.20 -31.94	81.03 3.99 -30.62	93.62 3.85 -43.30	93.46 4.84 -41.25	98.67 6.31 -34.48	98.75 8.63 -10.93	114.30 10.57 -5.92	121.02 9.00 -5.52	94.42 7.36 -7.03	81.92 5.88 -6.04	79.51 4.36 -23.24	78.58 4.56 -27.52	75.41 4.02 -28.20

NORTH__COUNTRY_ESR 323785	32.84 -1.22 0.00	29.61 -1.23 0.00	25.44 -1.11 0.00	24.43 -0.94 0.00	23.65 -0.96 0.00	27.16 -1.07 0.00	32.60 -1.43 0.00	33.79 -1.45 0.00	34.19 -1.39 0.00	35.02 -1.73 0.00	40.40 -2.49 0.00	40.02 -2.78 0.00	43.17 -3.25 0.00	43.58 -2.88 0.00	44.16 -3.22 0.00	47.44 -4.22 6.22	52.32 -5.07 21.79	57.69 -5.97 34.15	55.89 -5.13 23.05	54.20 -4.18 19.07	51.73 -3.62 12.96	47.30 -2.80 1.80	44.36 -2.14 0.00	41.37 -1.81 0.00
NPX_GEN_1385_PROXY 323591	54.17 2.96 -17.14	39.80 2.68 -6.28	38.25 2.42 -9.28	36.31 2.23 -8.70	35.87 2.46 -8.80	37.47 2.37 -6.86	40.56 3.03 -3.50	43.32 3.49 -4.60	52.09 3.45 -13.06	67.43 3.05 -27.64	77.94 4.50 -30.54	79.24 4.49 -31.94	81.36 4.32 -30.62	93.90 4.13 -43.30	94.22 5.59 -41.25	99.71 7.35 -34.48	100.33 10.22 -10.93	116.44 12.71 -5.92	118.85 10.92 -23.86	95.80 9.21 -9.12	82.84 7.10 -7.42	79.97 4.83 -23.24	77.74 3.72 -27.52	74.11 2.72 -28.20
NPX_GEN_CSC 323557	54.92 3.71 -17.14	40.24 3.11 -6.28	38.57 2.74 -9.28	36.56 2.49 -8.70	35.85 2.44 -8.80	37.81 2.71 -6.86	41.13 3.61 -3.50	43.88 4.05 -4.60	52.91 4.27 -13.07	68.91 4.52 -27.65	78.55 5.06 -30.60	79.68 4.88 -32.00	91.32 4.87 -40.03	128.95 5.07 -77.42	142.83 5.87 -89.58	275.01 7.76 -209.37	272.46 10.45 -182.82	274.36 12.32 -164.22	292.79 10.92 -197.80	186.65 9.53 -99.67	118.41 7.72 -42.38	93.98 5.76 -36.32	88.40 5.25 -36.65	83.25 4.79 -35.27
NSINS_S_GLNS_FALLS 23858	48.66 2.69 -11.90	42.91 2.44 -9.63	40.79 1.89 -12.35	38.77 1.80 -11.60	38.08 1.75 -11.72	39.43 2.06 -9.13	41.02 2.59 -4.41	41.99 2.82 -3.94	56.13 2.92 -17.64	54.87 3.12 -15.00	71.59 3.56 -25.14	82.03 3.68 -35.55	128.18 4.18 -77.58	134.35 3.76 -84.12	166.10 3.51 -115.21	128.41 4.05 -66.47	147.93 5.78 -62.96	155.47 6.94 -50.72	140.74 6.64 -50.03	128.64 6.66 -44.52	103.43 6.35 -28.76	68.70 4.88 -11.92	64.38 4.05 -13.84	46.68 3.50 0.00
NUCOR_STEEL__DRP 24197	35.06 0.58 -0.42	32.07 0.59 -0.64	28.11 0.48 -1.08	26.84 0.46 -1.01	26.05 0.42 -1.02	29.54 0.51 -0.80	35.08 0.68 -0.37	36.17 0.60 -0.34	36.83 0.64 -0.61	37.85 0.66 -0.45	44.65 0.90 -0.86	45.00 0.98 -1.22	50.23 1.21 -2.61	50.41 1.16 -2.78	52.16 1.14 -3.64	64.84 1.74 -5.22	86.24 2.30 -4.76	107.39 2.84 -6.75	93.72 2.77 -6.88	84.69 2.56 -4.67	75.26 2.46 -4.49	54.42 1.82 -0.71	48.18 1.21 -0.47	44.01 0.82 0.00
NUMBER_THREE_WT_PWR 323818	34.17 0.10 0.00	31.00 0.00 -0.16	26.90 0.00 -0.35	25.65 -0.05 -0.33	24.97 0.02 -0.33	28.64 0.14 -0.26	34.46 0.31 -0.12	35.52 0.18 -0.11	35.72 0.14 0.00	36.63 -0.11 0.00	42.63 -0.26 0.00	42.80 0.00 0.00	46.51 0.09 0.00	46.33 -0.14 0.00	47.05 -0.33 0.00	65.47 -0.40 -7.99	102.42 -0.32 -23.55	135.47 0.69 -36.97	140.37 0.93 -55.38	125.27 2.64 -45.17	102.26 2.66 -31.28	58.25 2.08 -4.27	48.03 1.53 0.00	44.13 0.95 0.00
NYISO_LBMP_REFERENCE 24008	34.06 0.00 0.00	30.84 0.00 0.00	26.55 0.00 0.00	25.37 0.00 0.00	24.61 0.00 0.00	28.24 0.00 0.00	34.03 0.00 0.00	35.23 0.00 0.00	35.58 0.00 0.00	36.74 0.00 0.00	42.89 0.00 0.00	42.80 0.00 0.00	46.42 0.00 0.00	46.47 0.00 0.00	47.38 0.00 0.00	57.88 0.00 0.00	79.19 0.00 0.00	97.81 0.00 0.00	84.07 0.00 0.00	77.46 0.00 0.00	68.31 0.00 0.00	51.90 0.00 0.00	46.50 0.00 0.00	43.19 0.00 0.00
NYPA_BRENTWD__GT 24164	55.29 4.09 -17.14	40.58 3.45 -6.28	38.83 3.00 -9.28	36.87 2.79 -8.70	36.14 2.73 -8.80	38.15 3.05 -6.86	41.47 3.95 -3.50	44.27 4.44 -4.60	53.23 4.59 -13.06	69.20 4.81 -27.64	78.76 5.32 -30.55	79.93 5.18 -31.95	93.73 5.15 -42.16	104.09 5.02 -52.61	191.44 5.92 -138.14	159.37 7.47 -94.02	171.40 10.22 -81.99	183.96 12.52 -73.63	155.16 10.76 -60.33	183.94 9.21 -97.27	91.78 7.51 -15.95	96.76 5.56 -39.30	90.79 5.58 -38.71	85.09 5.05 -36.86
NYPA_GOWANUS__GT5 24156	40.82 3.03 -3.72	38.82 2.44 -5.54	37.97 2.15 -9.27	36.16 2.08 -8.71	35.38 1.97 -8.80	37.18 2.09 -6.85	40.17 2.66 -3.49	41.32 3.13 -2.95	44.10 3.02 -5.50	47.14 3.23 -7.17	54.33 3.60 -7.84	57.35 3.47 -11.09	90.60 3.67 -40.52	87.32 3.95 -36.91	105.49 5.02 -53.09	133.23 6.65 -68.70	184.46 9.10 -96.17	225.58 11.44 -116.33	188.49 9.41 -95.01	103.45 7.36 -18.63	93.42 5.53 -19.58	126.70 4.15 -70.64	81.68 3.72 -31.46	46.60 3.41 0.00
NYPA_GOWANUS__GT6 24157	40.82 3.03 -3.72	38.82 2.44 -5.54	37.97 2.15 -9.27	36.16 2.08 -8.71	35.38 1.97 -8.80	37.18 2.09 -6.85	40.17 2.66 -3.49	41.32 3.13 -2.95	44.10 3.02 -5.50	47.14 3.23 -7.17	54.33 3.60 -7.84	57.35 3.47 -11.09	90.60 3.67 -40.52	87.32 3.95 -36.91	105.49 5.02 -53.09	133.23 6.65 -68.70	184.46 9.10 -96.17	225.58 11.44 -116.33	188.49 9.41 -95.01	103.45 7.36 -18.63	93.42 5.53 -19.58	126.70 4.15 -70.64	81.68 3.72 -31.46	46.60 3.41 0.00
NYPA_HARLEM_RVR_GT1 24160	40.65 2.86 -3.72	38.76 2.37 -5.55	37.89 2.07 -9.27	36.03 1.95 -8.70	35.20 1.80 -8.79	36.98 1.89 -6.85	39.86 2.35 -3.48	40.94 2.75 -2.95	43.67 2.60 -5.49	46.78 2.87 -7.17	53.94 3.22 -7.84	57.01 3.12 -11.08	73.65 3.34 -23.89	75.74 3.67 -25.61	87.26 4.65 -35.23	132.72 6.20 -68.64	160.30 8.55 -72.56	174.91 10.86 -66.24	140.26 8.82 -47.36	98.32 6.97 -13.88	82.47 5.19 -8.96	59.42 3.79 -3.73	54.22 3.39 -4.32	46.39 3.20 -0.01
NYPA_HARLEM_RVR_GT2 24161	40.65 2.86 -3.72	38.76 2.37 -5.55	37.89 2.07 -9.27	36.03 1.95 -8.70	35.20 1.80 -8.79	36.98 1.89 -6.85	39.86 2.35 -3.48	40.94 2.75 -2.95	43.67 2.60 -5.49	46.78 2.87 -7.17	53.94 3.22 -7.84	57.01 3.12 -11.08	73.65 3.34 -23.89	75.74 3.67 -25.61	87.26 4.65 -35.23	132.72 6.20 -68.64	160.30 8.55 -72.56	174.91 10.86 -66.24	140.26 8.82 -47.36	98.32 6.97 -13.88	82.47 5.19 -8.96	59.42 3.79 -3.73	54.22 3.39 -4.32	46.39 3.20 -0.01
NYPA_KENT__GT 24152	40.71 2.93 -3.72	38.76 2.37 -5.54	37.92 2.10 -9.27	36.11 2.03 -8.70	35.33 1.92 -8.80	37.15 2.06 -6.85	40.14 2.62 -3.49	41.25 3.06 -2.95	44.03 2.95 -5.50	47.07 3.16 -7.17	54.20 3.47 -7.84	57.18 3.30 -11.08	80.25 3.48 -30.36	80.27 3.81 -29.99	94.38 4.84 -42.16	133.04 6.48 -68.68	174.05 8.79 -86.08	203.78 11.05 -94.92	159.08 9.16 -65.84	100.31 7.12 -15.72	86.73 5.33 -13.08	63.85 4.00 -7.95	55.88 3.53 -5.85	46.47 3.28 0.00
NYPA_POUCH1__GT 24155	42.03 2.93 -5.04	39.14 2.34 -5.95	37.93 2.07 -9.30	36.16 2.08 -8.71	35.36 1.94 -8.80	37.12 2.03 -6.85	41.09 2.55 -4.51	42.59 3.06 -4.29	46.21 2.88 -7.75	50.71 3.12 -10.84	60.86 3.43 -14.54	64.88 3.30 -18.79	109.53 3.48 -59.63	105.98 3.81 -55.70	125.43 4.88 -73.17	149.14 6.54 -84.72	220.91 8.87 -132.86	278.48 11.24 -169.43	229.52 9.25 -136.20	114.56 7.21 -29.89	108.49 5.40 -34.78	164.77 4.05 -108.81	62.42 3.58 -12.34	42.73 3.24 3.70
NYPA_VERNON__GT2 24162	40.60 2.83 -3.71	38.70 2.31 -5.54	37.86 2.04 -9.27	36.05 1.98 -8.70	35.25 1.85 -8.79	37.09 2.01 -6.85	40.07 2.55 -3.49	41.18 2.99 -2.95	43.96 2.88 -5.50	47.03 3.12 -7.17	54.11 3.39 -7.84	57.10 3.21 -11.08	69.99 3.39 -20.19	73.30 3.76 -23.07	83.35 4.74 -31.23	132.90 6.37 -68.65	163.81 8.63 -75.98	182.17 10.86 -73.51	129.65 8.91 -36.68	97.25 6.97 -12.82	80.09 5.19 -6.58	57.04 3.84 -1.30	53.40 3.44 -3.46	46.38 3.20 0.00

ONONDAGA_REF_OCCRA 23987	34.46 0.03 -0.36	31.47 0.06 -0.57	27.55 0.03 -0.97	26.31 0.03 -0.91	25.56 0.02 -0.92	28.96 0.00 -0.72	34.43 0.07 -0.33	35.57 0.04 -0.31	36.18 0.07 -0.53	37.21 0.07 -0.39	43.89 0.26 -0.75	44.20 0.34 -1.05	49.18 0.51 -2.26	49.43 0.56 -2.41	51.01 0.47 -3.15	63.46 0.87 -4.71	84.51 1.03 -4.29	104.36 1.17 -5.38	92.37 1.09 -7.21	83.67 1.08 -5.12	73.76 1.09 -4.35	53.39 0.78 -0.71	47.28 0.37 -0.41	43.32 0.13 0.00
ONONDAGA___COGEN 23986	34.53 0.14 -0.33	31.56 0.19 -0.53	27.57 0.11 -0.91	26.35 0.13 -0.85	25.57 0.10 -0.86	29.02 0.11 -0.67	34.51 0.17 -0.31	35.66 0.14 -0.28	35.72 0.14 0.00	36.89 0.15 0.00	43.27 0.39 0.00	43.23 0.43 0.00	47.02 0.60 0.00	47.07 0.60 0.00	47.71 0.33 0.00	62.91 0.64 -4.39	83.90 0.71 -4.00	104.77 0.68 -6.27	91.22 0.76 -6.39	81.89 0.77 -3.65	73.02 0.82 -3.89	52.87 0.62 -0.35	46.92 0.42 0.00	43.40 0.22 0.00
ONTARIO___LFGE 23819	35.08 0.51 -0.50	32.09 0.49 -0.75	28.19 0.37 -1.26	26.89 0.33 -1.18	26.13 0.32 -1.20	29.56 0.40 -0.93	35.00 0.54 -0.43	36.09 0.46 -0.40	36.81 0.50 -0.73	37.73 0.44 -0.55	44.71 0.77 -1.05	45.27 0.99 -1.48	50.79 1.20 -3.17	51.14 1.30 -3.38	53.13 1.32 -4.43	66.18 2.08 -6.22	87.70 2.85 -5.66	106.79 3.62 -5.36	90.79 3.53 -3.20	82.65 3.33 -1.85	73.24 3.28 -1.65	54.79 2.39 -0.50	48.33 1.26 -0.58	44.18 0.99 0.00
ORANGEVILLE_WT_PWR 323706	34.38 -0.34 -0.66	31.28 -0.52 -0.96	27.68 -0.48 -1.60	26.32 -0.56 -1.50	25.54 -0.59 -1.52	28.69 -0.73 -1.18	33.73 -0.85 -0.54	34.79 -0.95 -0.51	35.91 -0.64 -0.97	36.69 -0.77 -0.72	43.54 -0.73 -1.38	44.33 -0.43 -1.96	50.38 -0.23 -4.19	51.03 0.09 -4.47	53.71 0.47 -5.86	66.88 1.10 -7.90	87.73 1.34 -7.20	104.59 1.27 -5.51	89.71 1.77 -3.87	82.01 2.09 -2.45	72.56 2.66 -1.58	54.64 2.08 -0.66	48.00 0.74 -0.76	44.13 0.95 0.00
ORANGEVILLE___ESR 323794	34.38 -0.34 -0.66	31.28 -0.52 -0.96	27.68 -0.48 -1.60	26.32 -0.56 -1.50	25.54 -0.59 -1.52	28.69 -0.73 -1.18	33.73 -0.85 -0.54	34.79 -0.95 -0.51	35.91 -0.64 -0.97	36.69 -0.77 -0.72	43.54 -0.73 -1.38	44.33 -0.43 -1.96	50.38 -0.23 -4.19	51.03 0.09 -4.47	53.71 0.47 -5.86	66.88 1.10 -7.90	87.73 1.34 -7.20	104.59 1.27 -5.51	89.71 1.77 -3.87	82.01 2.09 -2.45	72.56 2.66 -1.58	54.64 2.08 -0.66	48.00 0.74 -0.76	44.13 0.95 0.00
OSWEGATCHIE___HYD 24044	33.38 -0.68 0.00	30.22 -0.74 -0.12	26.17 -0.64 -0.25	24.98 -0.63 -0.24	24.31 -0.54 -0.24	27.89 -0.54 -0.19	33.51 -0.61 -0.09	34.57 -0.74 -0.08	34.83 -0.75 0.00	35.83 -0.92 0.00	41.69 -1.20 0.00	41.73 -1.07 0.00	45.26 -1.16 0.00	45.26 -1.21 0.00	45.68 -1.70 0.00	71.18 -2.60 -15.90	128.07 -3.56 -52.44	176.31 -3.82 -82.32	207.32 -2.94 -126.19	180.23 -1.16 -103.92	138.74 -0.68 -71.11	61.31 -0.42 -9.82	46.22 -0.28 0.00	42.67 -0.52 0.00
OSWEGO___5 23606	33.52 -0.55 0.00	30.73 -0.43 -0.32	26.84 -0.40 -0.68	25.63 -0.38 -0.64	24.89 -0.37 -0.65	28.32 -0.42 -0.50	33.75 -0.51 -0.23	34.82 -0.63 -0.22	34.94 -0.64 0.00	36.08 -0.66 0.00	42.20 -0.69 0.00	42.16 -0.64 0.00	45.81 -0.60 0.00	45.86 -0.61 0.00	46.76 -0.62 0.00	60.67 -0.58 -3.37	81.38 -0.87 -3.07	112.27 -1.17 -15.63	86.65 -0.92 -3.50	76.69 -0.77 0.00	73.59 -0.55 -5.83	51.48 -0.42 0.00	45.85 -0.65 0.00	42.49 -0.69 0.00
OSWEGO___6 23613	33.52 -0.55 0.00	30.73 -0.43 -0.32	26.84 -0.40 -0.68	25.63 -0.38 -0.64	24.89 -0.37 -0.65	28.32 -0.42 -0.50	33.75 -0.51 -0.23	34.82 -0.63 -0.22	34.94 -0.64 0.00	36.08 -0.66 0.00	42.20 -0.69 0.00	42.16 -0.64 0.00	45.81 -0.60 0.00	45.86 -0.61 0.00	46.76 -0.62 0.00	60.67 -0.58 -3.37	81.38 -0.87 -3.07	112.27 -1.17 -15.63	86.65 -0.92 -3.50	76.69 -0.77 0.00	73.59 -0.55 -5.83	51.48 -0.42 0.00	45.85 -0.65 0.00	42.49 -0.69 0.00
OUTOKUMPU-AB___DRP 24206	34.71 0.10 -0.55	31.63 -0.03 -0.81	27.84 -0.08 -1.36	26.53 -0.13 -1.28	25.74 -0.17 -1.29	28.91 -0.34 -1.01	34.09 -0.41 -0.46	35.00 -0.67 -0.43	35.92 -0.46 -0.80	36.64 -0.70 -0.60	43.52 -0.51 -1.14	43.99 -0.43 -1.62	49.37 -0.51 -3.47	50.21 0.05 -3.69	52.51 0.28 -4.84	65.53 0.98 -6.67	86.31 1.03 -6.10	103.07 0.59 -4.67	88.25 0.92 -3.25	80.34 0.85 -2.03	71.26 1.64 -1.31	53.79 1.35 -0.54	47.27 0.14 -0.63	43.96 0.78 0.00
OXBOW___ 24026	34.47 -0.14 -0.54	31.46 -0.18 -0.81	27.69 -0.21 -1.35	26.39 -0.25 -1.27	25.60 -0.29 -1.28	28.78 -0.45 -1.00	33.88 -0.61 -0.46	34.75 -0.92 -0.43	35.52 -0.85 -0.80	36.31 -1.03 -0.59	43.04 -0.98 -1.13	43.25 -1.15 -1.60	48.69 -1.16 -3.44	49.24 -0.88 -3.66	51.70 -0.47 -4.80	64.68 0.17 -6.62	85.18 -0.08 -6.07	101.48 -0.98 -4.65	87.05 -0.25 -3.24	79.09 -0.39 -2.01	70.16 0.54 -1.30	53.01 0.57 -0.54	46.62 -0.51 -0.62	43.49 0.30 0.00
OXY_CHEM_DSASP 323612	34.05 -0.55 -0.53	31.15 -0.49 -0.80	27.41 -0.48 -1.34	26.12 -0.51 -1.26	25.34 -0.54 -1.27	28.46 -0.76 -0.99	33.50 -0.99 -0.45	34.28 -1.37 -0.42	34.94 -1.42 -0.79	35.67 -1.65 -0.58	42.29 -1.72 -1.12	42.72 -1.67 -1.58	48.09 -1.72 -3.39	48.82 -1.25 -3.61	51.07 -1.04 -4.74	63.98 -0.41 -6.51	84.22 -0.95 -5.99	100.44 -1.96 -4.59	86.17 -1.09 -3.19	78.21 -1.24 -1.98	69.39 -0.20 -1.28	52.38 -0.05 -0.53	46.14 -0.98 -0.62	42.75 -0.43 0.00
OZONE_PARK_ESR 323760	40.88 3.10 -3.71	38.91 2.53 -5.54	38.08 2.26 -9.27	36.23 2.16 -8.70	35.45 2.04 -8.79	37.37 2.29 -6.85	40.38 2.86 -3.49	41.53 3.35 -2.95	44.39 3.31 -5.50	47.55 3.64 -7.17	54.85 4.12 -7.84	57.87 3.98 -11.09	74.49 4.18 -23.90	76.72 4.65 -25.61	88.16 5.54 -35.23	133.99 7.47 -68.64	161.97 10.22 -72.57	176.58 12.52 -66.25	142.10 10.68 -47.36	99.95 8.60 -13.89	83.98 6.69 -8.97	60.50 4.88 -3.72	55.05 4.23 -4.32	46.94 3.76 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	34.05 -0.55 -0.53	31.15 -0.49 -0.80	27.41 -0.48 -1.34	26.12 -0.51 -1.26	25.34 -0.54 -1.27	28.46 -0.76 -0.99	33.50 -0.99 -0.45	34.28 -1.37 -0.42	34.94 -1.42 -0.79	35.67 -1.65 -0.58	42.29 -1.72 -1.12	42.72 -1.67 -1.58	48.09 -1.72 -3.39	48.82 -1.25 -3.61	51.07 -1.04 -4.74	63.98 -0.41 -6.51	84.22 -0.95 -5.99	100.44 -1.96 -4.59	86.17 -1.09 -3.19	78.21 -1.24 -1.98	69.39 -0.20 -1.28	52.38 -0.05 -0.53	46.14 -0.98 -0.62	42.75 -0.43 0.00
PACKARD___115KV_DUPONT_184 80571	34.05 -0.55 -0.53	31.15 -0.49 -0.80	27.41 -0.48 -1.34	26.12 -0.51 -1.26	25.34 -0.54 -1.27	28.46 -0.76 -0.99	33.50 -0.99 -0.45	34.28 -1.37 -0.42	34.94 -1.42 -0.79	35.67 -1.65 -0.58	42.29 -1.72 -1.12	42.72 -1.67 -1.58	48.09 -1.72 -3.39	48.82 -1.25 -3.61	51.07 -1.04 -4.74	63.98 -0.41 -6.51	84.22 -0.95 -5.99	100.44 -1.96 -4.59	86.17 -1.09 -3.19	78.21 -1.24 -1.98	69.39 -0.20 -1.28	52.38 -0.05 -0.53	46.14 -0.98 -0.62	42.75 -0.43 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	40.68 2.90 -3.72	38.80 2.41 -5.55	37.89 2.07 -9.27	36.05 1.98 -8.70	35.25 1.85 -8.79	37.01 1.92 -6.85	39.90 2.38 -3.49	41.01 2.82 -2.95	43.75 2.67 -5.50	46.89 2.98 -7.17	54.03 3.30 -7.84	57.05 3.17 -11.08	73.70 3.39 -23.89	75.83 3.76 -25.60	87.30 4.69 -35.23	132.71 6.19 -68.63	160.29 8.55 -72.55	174.71 10.66 -66.24	140.43 9.00 -47.36	98.24 6.89 -13.88	82.40 5.12 -8.96	59.62 4.00 -3.73	54.27 3.44 -4.32	46.43 3.24 -0.01

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	41.12 3.34 -3.72	39.17 2.78 -5.55	38.24 2.42 -9.27	36.36 2.28 -8.70	35.55 2.14 -8.79	37.35 2.26 -6.85	40.31 2.79 -3.49	41.43 3.24 -2.95	44.18 3.10 -5.50	47.33 3.42 -7.17	54.84 4.12 -7.84	57.91 4.02 -11.08	74.62 4.32 -23.89	76.86 4.79 -25.60	87.96 5.35 -35.23	133.58 7.06 -68.63	161.56 9.82 -72.55	176.17 12.13 -66.24	141.77 10.34 -47.36	99.48 8.13 -13.88	83.49 6.22 -8.96	60.35 4.72 -3.73	54.92 4.09 -4.32	46.95 3.76 -0.01
PATROON__115KV_TB1 80586	44.70 1.50 -9.14	40.78 1.36 -8.58	39.69 1.12 -12.02	37.73 1.07 -11.29	37.06 1.03 -11.41	38.31 1.19 -8.89	39.80 1.46 -4.30	40.58 1.52 -3.83	50.65 1.53 -13.54	50.35 1.58 -12.03	64.04 1.84 -19.31	71.90 1.80 -27.30	107.35 1.95 -58.98	111.86 2.04 -63.35	132.65 2.23 -83.04	125.56 2.66 -65.02	144.54 3.64 -61.71	152.05 4.40 -49.84	131.80 3.78 -43.95	114.98 3.33 -34.19	93.27 2.87 -22.09	63.29 2.23 -9.15	59.13 2.00 -10.63	44.96 1.77 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	34.77 0.10 -0.60	31.05 -0.68 -0.89	27.40 -0.64 -1.49	26.08 -0.69 -1.40	25.31 -0.71 -1.41	28.43 -0.90 -1.10	33.52 -1.02 -0.50	34.65 -1.06 -0.47	36.29 -0.18 -0.89	37.04 -0.37 -0.66	44.03 -0.13 -1.27	44.68 0.09 -1.79	50.49 0.23 -3.84	51.53 0.98 -4.09	54.02 1.28 -5.36	66.28 1.10 -7.30	87.02 1.19 -6.65	103.88 0.98 -5.09	88.90 1.26 -3.57	82.11 2.40 -2.24	72.70 2.94 -1.45	54.73 2.23 -0.60	48.08 0.88 -0.70	44.27 1.08 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	40.78 2.93 -3.78	38.94 2.47 -5.63	38.08 2.12 -9.40	36.21 2.00 -8.83	35.43 1.90 -8.92	37.33 2.15 -6.95	40.24 2.76 -3.46	41.40 3.17 -3.00	44.17 2.99 -5.61	46.61 3.31 -6.56	54.96 4.07 -7.99	58.21 4.11 -11.30	75.08 4.46 -24.21	77.19 4.93 -25.80	89.10 6.06 -35.66	121.18 7.76 -55.55	144.32 10.53 -54.60	156.96 13.20 -45.95	127.69 11.27 -32.36	100.68 9.06 -14.16	84.63 7.17 -9.14	60.99 5.29 -3.79	55.13 4.23 -4.40	46.60 3.41 0.00
PEEKSKILL____ 23653	40.04 2.32 -3.66	38.25 1.94 -5.47	37.40 1.70 -9.14	35.58 1.63 -8.58	34.84 1.55 -8.67	36.72 1.72 -6.76	39.66 2.21 -3.42	40.72 2.57 -2.91	43.53 2.53 -5.43	46.41 2.79 -6.88	53.85 3.22 -7.74	56.87 3.12 -10.94	73.34 3.34 -23.58	75.40 3.67 -25.27	86.67 4.55 -34.74	135.18 6.02 -71.28	163.74 8.16 -76.40	185.30 10.17 -77.32	156.74 8.58 -64.09	97.90 6.74 -13.70	82.36 5.19 -8.85	59.41 3.84 -3.67	54.01 3.25 -4.26	45.99 2.81 0.00
PGE MADISON__WINDPWR 24146	38.08 2.56 -1.46	34.67 2.16 -1.67	30.91 1.81 -2.55	29.39 1.63 -2.39	28.66 1.62 -2.42	32.10 1.98 -1.88	37.53 2.66 -0.84	38.62 2.57 -0.81	40.44 2.70 -2.16	40.87 2.72 -1.41	49.27 3.30 -3.08	50.75 3.60 -4.36	60.02 4.27 -9.33	60.54 4.13 -9.94	63.73 3.32 -13.03	74.80 4.34 -12.57	96.65 6.02 -11.45	116.00 8.11 -10.08	99.16 7.82 -7.27	92.98 10.07 -5.46	81.70 9.29 -4.10	60.32 6.96 -1.46	53.36 5.16 -1.70	47.16 3.97 0.00
PIERCEFIELD__HYD 23852	32.50 -1.57 0.00	29.30 -1.54 0.00	25.23 -1.33 0.00	24.13 -1.24 0.00	23.46 -1.16 0.00	26.97 -1.27 0.00	32.47 -1.57 0.00	33.58 -1.66 0.00	33.94 -1.64 0.00	34.91 -1.84 0.00	40.62 -2.27 0.00	40.53 -2.27 0.00	43.91 -2.51 0.00	43.96 -2.51 0.00	44.25 -3.13 0.00	41.94 -4.86 11.08	32.41 -6.81 39.96	25.68 -8.12 64.01	13.09 -6.73 64.25	19.26 -4.96 53.24	28.27 -4.10 35.95	43.86 -3.01 5.03	44.36 -2.14 0.00	41.24 -1.94 0.00
PINELAWN_CC_1 323563	55.02 3.81 -17.14	40.30 3.18 -6.28	38.62 2.79 -9.28	36.69 2.61 -8.70	35.92 2.51 -8.80	37.89 2.80 -6.86	41.17 3.64 -3.50	43.88 4.05 -4.60	52.80 4.16 -13.06	68.79 4.41 -27.64	78.28 4.84 -30.55	79.02 4.28 -31.94	83.86 4.41 -33.03	98.98 4.42 -48.10	113.03 5.40 -60.25	141.36 7.06 -76.42	164.22 9.66 -75.37	178.13 11.93 -68.39	145.53 10.17 -51.30	113.90 8.44 -27.99	86.50 7.04 -11.15	83.74 5.24 -26.60	81.20 4.84 -29.86	77.91 4.71 -30.01
PJM_GEN_HTP_PROXY 323702	40.44 2.66 -3.71	38.54 2.16 -5.54	37.76 1.94 -9.26	35.92 1.85 -8.70	35.15 1.75 -8.79	37.03 1.95 -6.85	40.00 2.48 -3.49	41.08 2.89 -2.95	43.96 2.88 -5.50	47.07 3.16 -7.17	54.29 3.56 -7.84	57.32 3.43 -11.09	73.94 3.62 -23.90	76.08 4.00 -25.61	87.50 4.88 -35.24	133.07 6.54 -68.65	160.72 8.95 -72.58	175.13 11.05 -66.27	140.69 9.25 -47.37	98.63 7.28 -13.89	82.82 5.53 -8.97	59.72 4.10 -3.72	54.40 3.58 -4.32	46.38 3.20 0.00
PJM_GEN_KEystone 24065	34.55 0.82 0.33	34.65 0.52 -3.29	32.62 0.48 -5.59	31.03 0.40 -5.25	30.29 0.37 -5.31	32.74 0.37 -4.14	36.09 0.54 -1.51	37.52 0.70 -1.58	39.46 0.89 -3.00	37.47 0.92 0.19	47.74 1.11 -3.74	49.51 1.16 -5.56	60.38 1.30 -12.66	61.37 1.63 -13.28	68.95 2.23 -19.35	72.54 3.12 -11.53	86.11 4.12 -2.81	96.85 4.79 5.75	83.94 4.29 4.41	87.99 3.49 -7.04	75.12 2.94 -3.87	55.26 2.23 -1.13	49.54 1.44 -1.59	43.96 1.34 0.57
PJM_GEN_NEPTUNE_PROXY 323594	54.27 3.07 -17.14	39.65 2.53 -6.28	38.09 2.26 -9.28	36.21 2.13 -8.70	35.45 2.04 -8.80	37.38 2.29 -6.86	40.42 2.89 -3.50	43.07 3.24 -4.60	51.94 3.31 -13.06	67.91 3.53 -27.64	77.29 3.86 -30.54	78.42 3.68 -31.94	81.56 3.85 -31.29	96.63 4.09 -46.07	99.44 4.93 -47.14	132.97 6.60 -68.49	160.56 9.02 -72.35	174.86 11.05 -66.00	140.66 9.41 -47.18	99.03 7.67 -13.90	83.38 6.08 -8.99	80.59 4.51 -24.17	78.76 4.09 -28.17	75.60 3.71 -28.70
PJM_GEN_VFT_PROXY 323633	37.33 2.42 -0.85	37.46 1.98 -4.64	37.51 1.78 -9.18	35.77 1.70 -8.70	35.01 1.60 -8.79	36.87 1.78 -6.85	37.52 2.21 -1.27	37.93 2.64 -0.05	38.83 2.63 -0.62	38.83 2.90 0.82	39.42 3.26 6.72	40.27 3.12 5.65	48.64 3.25 1.02	46.14 3.63 3.95	61.34 4.50 -9.46	97.89 6.13 -33.88	103.91 8.31 -16.41	109.00 10.27 -0.92	98.19 8.66 -5.46	78.43 6.82 5.85	59.91 5.06 13.46	43.25 3.69 12.34	39.43 3.25 10.32	37.99 2.89 8.09
PLATSBRG_115KV_PMLD1 355749	33.21 -0.85 0.00	29.92 -0.93 0.00	25.70 -0.85 0.00	24.71 -0.66 0.00	23.90 -0.71 0.00	27.45 -0.79 0.00	32.91 -1.12 0.00	34.07 -1.16 0.00	34.51 -1.07 0.00	34.94 -1.80 0.00	39.97 -2.92 0.00	39.42 -3.38 0.00	42.42 -3.99 0.00	42.93 -3.53 0.00	43.54 -3.84 0.00	47.20 -4.92 5.76	53.25 -5.86 20.07	59.69 -6.85 31.27	59.04 -5.88 19.14	56.82 -4.80 15.84	53.45 -4.10 10.76	47.19 -3.22 1.50	43.94 -2.56 0.00	40.98 -2.20 0.00
PLEASANTVLY__LBMP 24000	40.17 2.18 -3.93	38.57 1.88 -5.85	37.98 1.65 -9.78	36.10 1.55 -9.18	35.40 1.50 -9.28	37.16 1.69 -7.23	39.83 2.11 -3.69	40.71 2.36 -3.12	43.74 2.35 -5.82	46.98 2.57 -7.67	54.14 2.96 -8.29	57.39 2.87 -11.73	74.68 2.97 -25.29	76.84 3.25 -27.13	88.85 3.98 -37.49	122.86 5.15 -59.83	145.80 7.05 -59.57	157.43 8.61 -51.02	127.65 7.40 -36.18	98.03 5.89 -14.68	82.38 4.58 -9.49	59.31 3.48 -3.93	54.04 2.98 -4.56	45.82 2.63 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	40.37 2.55 -3.75	38.56 2.13 -5.59	37.77 1.86 -9.36	35.93 1.78 -8.78	35.19 1.70 -8.88	37.07 1.92 -6.92	40.00 2.42 -3.55	41.00 2.78 -2.98	43.94 2.81 -5.55	47.32 3.09 -7.49	54.32 3.52 -7.92	57.42 3.42 -11.19	74.21 3.67 -24.12	76.36 4.04 -25.85	87.88 4.93 -35.57	128.68 6.48 -64.31	154.51 8.79 -66.54	167.98 10.76 -59.41	135.67 9.25 -42.35	98.76 7.28 -14.02	83.04 5.67 -9.06	59.86 4.20 -3.75	54.44 3.58 -4.36	46.34 3.15 0.00

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	40.37 2.55 -3.75	38.56 2.13 -5.59	37.77 1.86 -9.36	35.93 1.78 -8.78	35.19 1.70 -8.88	37.07 1.92 -6.92	40.00 2.42 -3.55	41.00 2.78 -2.98	43.94 2.81 -5.55	47.32 3.09 -7.49	54.32 3.52 -7.92	57.42 3.42 -11.19	74.21 3.67 -24.12	76.36 4.04 -25.85	87.88 4.93 -35.57	128.68 6.48 -64.31	154.51 8.79 -66.54	167.98 10.76 -59.41	135.67 9.25 -42.35	98.76 7.28 -14.02	83.04 5.67 -9.06	59.86 4.20 -3.75	54.44 3.58 -4.36	46.34 3.15 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	40.52 2.55 -3.90	38.79 2.22 -5.73	37.98 1.89 -9.54	36.11 1.78 -8.96	35.37 1.70 -9.05	37.21 1.92 -7.05	39.84 2.35 -3.46	40.85 2.57 -3.04	43.81 2.45 -5.78	45.79 2.72 -6.33	54.47 3.35 -8.24	57.79 3.34 -11.65	75.15 3.62 -25.12	77.20 3.81 -26.93	88.50 4.36 -36.76	116.53 5.79 -52.86	137.79 7.92 -50.68	149.02 9.78 -41.43	121.71 8.41 -29.23	99.02 6.97 -14.59	83.13 5.40 -9.42	60.01 4.20 -3.91	54.57 3.53 -4.53	46.25 3.07 0.00
POLETTI____ 23519	40.40 2.62 -3.71	38.54 2.16 -5.54	37.73 1.91 -9.27	35.90 1.83 -8.70	35.15 1.75 -8.79	37.03 1.95 -6.85	39.97 2.45 -3.49	41.04 2.85 -2.95	43.93 2.85 -5.50	47.03 3.12 -7.17	54.21 3.47 -7.84	57.23 3.34 -11.09	73.75 3.43 -23.90	75.98 3.90 -25.61	87.40 4.79 -35.23	133.00 6.48 -68.64	160.55 8.79 -72.57	174.82 10.76 -66.25	140.59 9.16 -47.36	98.48 7.13 -13.89	82.68 5.40 -8.97	59.62 4.00 -3.72	54.30 3.49 -4.32	46.30 3.11 0.00
POMONA____ESR 323819	39.72 2.11 -3.54	37.88 1.76 -5.28	36.93 1.54 -8.84	35.14 1.47 -8.30	34.40 1.40 -8.39	36.32 1.55 -6.53	38.49 1.97 -2.48	40.34 2.29 -2.82	43.10 2.28 -5.25	38.43 2.50 0.82	53.33 2.96 -7.48	56.29 2.91 -10.58	72.18 3.11 -22.65	73.99 3.39 -24.13	84.94 4.12 -33.44	71.68 5.61 -8.19	78.71 7.60 8.08	84.74 9.39 22.46	74.80 7.90 17.17	96.91 6.20 -13.24	81.58 4.71 -8.56	58.98 3.53 -3.55	53.60 2.98 -4.12	45.73 2.55 0.00
PORT_JEFF_3 23555	55.06 3.85 -17.14	40.36 3.24 -6.28	38.64 2.81 -9.28	36.69 2.61 -8.70	35.95 2.54 -8.80	37.92 2.82 -6.86	41.24 3.71 -3.50	43.99 4.16 -4.60	52.95 4.30 -13.07	68.91 4.52 -27.65	78.46 4.97 -30.60	79.55 4.75 -32.00	91.18 4.64 -40.12	129.21 4.56 -78.19	141.51 5.26 -88.87	276.24 6.83 -211.53	273.52 9.34 -184.99	273.44 11.24 -164.39	292.77 9.75 -198.96	186.50 8.13 -100.91	118.48 6.97 -43.20	93.65 5.30 -36.45	88.22 4.98 -36.74	83.28 4.75 -35.34
PORT_JEFF_4 23616	55.06 3.85 -17.14	40.36 3.24 -6.28	38.64 2.81 -9.28	36.69 2.61 -8.70	35.95 2.54 -8.80	37.92 2.82 -6.86	41.24 3.71 -3.50	43.99 4.16 -4.60	52.95 4.30 -13.07	68.91 4.52 -27.65	78.46 4.97 -30.60	79.55 4.75 -32.00	91.18 4.64 -40.12	129.21 4.56 -78.19	141.51 5.26 -88.87	276.24 6.83 -211.53	273.52 9.34 -184.99	273.44 11.24 -164.39	292.77 9.75 -198.96	186.50 8.13 -100.91	118.48 6.97 -43.20	93.65 5.30 -36.45	88.22 4.98 -36.74	83.28 4.75 -35.34
PORT_JEFF_IC 23713	55.16 3.95 -17.14	40.42 3.30 -6.28	38.73 2.89 -9.28	36.74 2.66 -8.70	35.99 2.58 -8.80	38.01 2.91 -6.86	41.34 3.81 -3.50	44.10 4.26 -4.60	52.99 4.34 -13.07	68.99 4.59 -27.65	78.52 5.02 -30.61	79.60 4.79 -32.01	92.03 4.78 -40.83	134.01 4.65 -82.90	142.93 5.40 -90.16	298.73 7.06 -233.79	308.70 9.66 -219.86	294.40 11.73 -184.86	334.14 10.17 -239.90	195.30 8.44 -109.40	123.63 7.10 -48.21	94.89 5.56 -37.43	89.14 5.21 -37.43	83.98 4.92 -35.88
PPL PILGRIM_ST_GT1 24216	55.29 4.09 -17.14	40.58 3.45 -6.28	38.83 3.00 -9.28	36.87 2.79 -8.70	36.14 2.73 -8.80	38.15 3.05 -6.86	41.47 3.95 -3.50	44.27 4.44 -4.60	53.23 4.59 -13.06	69.20 4.81 -27.64	78.76 5.32 -30.55	79.93 5.18 -31.95	93.73 5.15 -42.16	104.09 5.02 -52.61	191.44 5.92 -138.14	159.37 7.47 -94.02	171.40 10.22 -81.99	183.96 12.52 -73.63	155.16 10.76 -60.33	183.94 9.21 -97.27	91.78 7.51 -15.95	96.76 5.56 -39.30	90.79 5.58 -38.71	85.09 5.05 -36.86
PPL PILGRIM_ST_GT2 24217	55.29 4.09 -17.14	40.58 3.45 -6.28	38.83 3.00 -9.28	36.87 2.79 -8.70	36.14 2.73 -8.80	38.15 3.05 -6.86	41.47 3.95 -3.50	44.27 4.44 -4.60	53.23 4.59 -13.06	69.20 4.81 -27.64	78.76 5.32 -30.55	79.93 5.18 -31.95	93.73 5.15 -42.16	104.09 5.02 -52.61	191.44 5.92 -138.14	159.37 7.47 -94.02	171.40 10.22 -81.99	183.96 12.52 -73.63	155.16 10.76 -60.33	183.94 9.21 -97.27	91.78 7.51 -15.95	96.76 5.56 -39.30	90.79 5.58 -38.71	85.09 5.05 -36.86
PPL_SHRM_GT3 24213	54.96 3.75 -17.14	40.27 3.15 -6.28	38.59 2.76 -9.28	36.59 2.51 -8.70	35.87 2.46 -8.80	37.84 2.74 -6.86	41.13 3.61 -3.50	43.92 4.09 -4.60	52.95 4.30 -13.07	68.95 4.56 -27.65	78.59 5.10 -30.60	79.72 4.92 -32.00	91.59 4.92 -40.26	130.35 5.11 -78.77	144.27 5.92 -90.96	282.91 7.76 -217.27	285.63 9.90 -196.55	285.86 10.95 -177.10	309.06 9.66 -215.33	189.36 9.60 -102.29	119.98 7.85 -43.82	94.35 5.81 -36.64	88.67 5.30 -36.87	83.47 4.84 -35.44
PPL_SHRM_GT4 24214	54.96 3.75 -17.14	40.27 3.15 -6.28	38.59 2.76 -9.28	36.59 2.51 -8.70	35.87 2.46 -8.80	37.84 2.74 -6.86	41.13 3.61 -3.50	43.92 4.09 -4.60	52.95 4.30 -13.07	68.95 4.56 -27.65	78.59 5.10 -30.60	79.72 4.92 -32.00	91.59 4.92 -40.26	130.35 5.11 -78.77	144.27 5.92 -90.96	282.91 7.76 -217.27	285.63 9.90 -196.55	285.86 10.95 -177.10	309.06 9.66 -215.33	189.36 9.60 -102.29	119.98 7.85 -43.82	94.35 5.81 -36.64	88.67 5.30 -36.87	83.47 4.84 -35.44
PROJECT___ORANGE 1 24174	34.00 -0.07 0.00	31.19 -0.03 -0.38	27.30 -0.05 -0.80	26.10 -0.03 -0.75	25.35 -0.02 -0.76	28.75 -0.08 -0.59	34.27 -0.03 -0.27	35.42 -0.07 -0.25	35.54 -0.04 0.00	36.71 -0.04 0.00	43.02 0.13 0.00	43.02 0.21 0.00	46.74 0.32 0.00	46.84 0.37 0.00	47.76 0.38 0.00	62.47 0.69 -3.89	83.52 0.79 -3.54	103.03 0.78 -4.44	91.58 0.84 -6.67	82.48 0.77 -4.24	72.77 0.82 -3.64	52.87 0.57 -0.40	46.69 0.19 0.00	43.19 0.00 0.00
PROJECT___ORANGE 2 24166	34.00 -0.07 0.00	31.19 -0.03 -0.38	27.30 -0.05 -0.80	26.10 -0.03 -0.75	25.35 -0.02 -0.76	28.75 -0.08 -0.59	34.27 -0.03 -0.27	35.42 -0.07 -0.25	35.54 -0.04 0.00	36.71 -0.04 0.00	43.02 0.13 0.00	43.02 0.21 0.00	46.74 0.32 0.00	46.84 0.37 0.00	47.76 0.38 0.00	62.47 0.69 -3.89	83.52 0.79 -3.54	103.03 0.78 -4.44	91.58 0.84 -6.67	82.48 0.77 -4.24	72.77 0.82 -3.64	52.87 0.57 -0.40	46.69 0.19 0.00	43.19 0.00 0.00
PUCKETT___SOLAR 323809	36.55 1.09 -1.39	33.48 0.89 -1.75	30.09 0.77 -2.77	28.66 0.69 -2.60	27.88 0.64 -2.63	31.07 0.79 -2.05	36.00 1.06 -0.91	37.10 0.99 -0.88	38.71 1.07 -2.06	39.07 1.03 -1.30	47.07 1.24 -2.94	48.29 1.33 -4.16	56.90 1.58 -8.90	57.58 1.63 -9.49	61.42 1.61 -12.43	73.74 2.20 -13.66	94.64 3.01 -12.44	112.43 3.92 -10.71	95.39 3.87 -7.45	87.00 4.34 -5.21	76.29 4.10 -3.88	56.36 3.06 -1.39	50.21 2.09 -1.62	44.87 1.68 0.00
PYRITES___HYD 24023	33.18 -0.89 0.00	29.92 -0.93 0.00	25.76 -0.80 0.00	24.61 -0.76 0.00	23.95 -0.66 0.00	27.56 -0.68 0.00	33.18 -0.85 0.00	34.28 -0.95 0.00	34.72 -0.85 0.00	35.68 -1.07 0.00	41.69 -1.20 0.00	41.69 -1.11 0.00	45.21 -1.21 0.00	45.16 -1.30 0.00	45.15 -2.23 0.00	43.62 -3.76 10.50	35.83 -5.38 37.97	30.26 -6.55 61.00	19.43 -5.30 59.34	25.04 -3.25 49.17	32.52 -2.60 33.20	45.33 -1.92 4.65	45.34 -1.16 0.00	42.11 -1.08 0.00

QUAKERRD_115KV_BK1 80622	33.80 -0.65 -0.39	30.99 -0.46 -0.61	27.13 -0.45 -1.03	25.86 -0.48 -0.97	25.10 -0.49 -0.98	28.43 -0.56 -0.76	33.77 -0.61 -0.35	34.86 -0.70 -0.33	35.37 -0.78 -0.57	36.28 -0.88 -0.42	42.89 -0.81 -0.81	43.35 -0.60 -1.15	48.27 -0.60 -2.46	48.71 -0.37 -2.62	50.48 -0.33 -3.43	63.10 0.17 -5.05	83.94 0.16 -4.60	101.33 0.00 -3.52	86.64 0.17 -2.40	78.74 -0.15 -1.44	69.65 0.41 -0.93	52.49 0.21 -0.38	46.39 -0.56 -0.45	42.67 -0.52 0.00
QUENSBRY_115KV_TB8 356137	48.73 2.73 -11.94	42.96 2.47 -9.65	40.80 1.89 -12.36	38.78 1.80 -11.61	38.12 1.77 -11.73	39.47 2.09 -9.14	41.06 2.62 -4.41	42.03 2.85 -3.94	56.30 3.02 -17.69	55.02 3.23 -15.04	71.76 3.65 -25.22	82.23 3.77 -35.67	128.48 4.27 -77.80	134.59 3.81 -84.32	166.31 3.60 -115.33	128.50 4.11 -66.51	148.04 5.86 -62.99	155.58 7.04 -50.73	140.99 6.81 -50.12	128.94 6.82 -44.66	103.66 6.49 -28.85	68.90 5.03 -11.96	64.47 4.09 -13.88	46.77 3.58 0.00
RAMAPO___LBMP 323565	39.60 2.01 -3.52	37.80 1.70 -5.26	36.84 1.49 -8.80	35.06 1.42 -8.26	34.32 1.35 -8.35	36.24 1.50 -6.50	38.40 1.91 -2.46	40.29 2.25 -2.80	43.01 2.21 -5.22	38.28 2.46 0.93	53.16 2.83 -7.45	56.07 2.74 -10.53	71.89 2.92 -22.55	73.74 3.25 -24.02	84.64 3.98 -33.28	74.66 5.38 -11.40	82.82 7.29 3.66	89.02 8.90 17.69	77.77 7.65 13.94	96.53 5.89 -13.18	81.34 4.51 -8.52	58.86 3.43 -3.53	53.44 2.84 -4.10	45.65 2.46 0.00
RANKINE____ 23646	34.79 0.14 -0.59	31.50 -0.22 -0.87	27.77 -0.24 -1.45	26.46 -0.28 -1.36	25.67 -0.32 -1.38	28.83 -0.48 -1.07	33.98 -0.54 -0.49	35.06 -0.63 -0.46	36.20 -0.25 -0.87	36.94 -0.44 -0.64	43.91 -0.21 -1.23	44.54 0.00 -1.74	50.29 0.14 -3.73	51.23 0.79 -3.98	53.64 1.04 -5.21	66.63 1.62 -7.12	87.58 1.90 -6.49	104.54 1.76 -4.97	89.57 2.02 -3.48	81.89 2.25 -2.18	72.59 2.87 -1.41	54.61 2.13 -0.58	48.06 0.88 -0.68	44.31 1.12 0.00
RAVENSWOOD_GT2_1 24244	40.47 2.69 -3.71	38.60 2.22 -5.54	37.78 1.96 -9.27	35.95 1.88 -8.70	35.20 1.80 -8.79	37.06 1.98 -6.85	40.04 2.52 -3.49	41.11 2.92 -2.95	43.96 2.88 -5.50	47.11 3.20 -7.17	54.25 3.52 -7.84	57.23 3.34 -11.09	73.80 3.48 -23.90	75.98 3.90 -25.61	87.40 4.79 -35.23	132.94 6.42 -68.63	160.54 8.79 -72.56	174.81 10.76 -66.24	140.59 9.16 -47.35	98.48 7.13 -13.89	82.75 5.47 -8.97	59.67 4.05 -3.72	54.35 3.53 -4.32	46.38 3.20 0.00
RAVENSWOOD_GT2_2 24245	40.47 2.69 -3.71	38.60 2.22 -5.54	37.78 1.96 -9.27	35.95 1.88 -8.70	35.20 1.80 -8.79	37.06 1.98 -6.85	40.04 2.52 -3.49	41.11 2.92 -2.95	43.96 2.88 -5.50	47.11 3.20 -7.17	54.25 3.52 -7.84	57.23 3.34 -11.09	73.80 3.48 -23.90	75.98 3.90 -25.61	87.40 4.79 -35.23	132.94 6.42 -68.63	160.54 8.79 -72.56	174.81 10.76 -66.24	140.59 9.16 -47.35	98.48 7.13 -13.89	82.75 5.47 -8.97	59.67 4.05 -3.72	54.35 3.53 -4.32	46.38 3.20 0.00
RAVENSWOOD_GT2_3 24246	40.50 2.73 -3.71	38.60 2.22 -5.54	37.81 1.99 -9.27	35.98 1.90 -8.70	35.20 1.80 -8.79	37.09 2.00 -6.85	40.04 2.52 -3.49	41.15 2.96 -2.95	44.00 2.92 -5.50	47.11 3.20 -7.17	54.29 3.56 -7.84	57.27 3.38 -11.09	73.84 3.53 -23.90	76.03 3.95 -25.61	87.45 4.83 -35.23	133.00 6.48 -68.63	160.62 8.87 -72.56	174.91 10.86 -66.24	140.67 9.25 -47.35	98.55 7.20 -13.89	82.75 5.47 -8.97	59.72 4.10 -3.72	54.35 3.53 -4.32	46.42 3.24 0.00
RAVENSWOOD_GT2_4 24247	40.50 2.73 -3.71	38.60 2.22 -5.54	37.81 1.99 -9.27	35.98 1.90 -8.70	35.20 1.80 -8.79	37.09 2.00 -6.85	40.04 2.52 -3.49	41.15 2.96 -2.95	44.00 2.92 -5.50	47.11 3.20 -7.17	54.29 3.56 -7.84	57.27 3.38 -11.09	73.84 3.53 -23.90	76.03 3.95 -25.61	87.45 4.83 -35.23	133.00 6.48 -68.63	160.62 8.87 -72.56	174.91 10.86 -66.24	140.67 9.25 -47.35	98.55 7.20 -13.89	82.75 5.47 -8.97	59.72 4.10 -3.72	54.35 3.53 -4.32	46.42 3.24 0.00
RAVENSWOOD_GT3_1 24248	40.47 2.69 -3.71	38.60 2.22 -5.54	37.78 1.96 -9.27	35.95 1.88 -8.70	35.20 1.80 -8.79	37.06 1.98 -6.85	40.04 2.52 -3.49	41.11 2.92 -2.95	44.00 2.92 -5.50	47.11 3.20 -7.17	54.25 3.52 -7.84	57.23 3.34 -11.09	73.80 3.48 -23.90	75.98 3.90 -25.61	87.40 4.79 -35.23	133.00 6.48 -68.63	160.54 8.79 -72.56	174.81 10.76 -66.24	140.59 9.16 -47.35	98.55 7.20 -13.89	82.75 5.47 -8.97	59.67 4.05 -3.72	54.35 3.53 -4.32	46.38 3.20 0.00
RAVENSWOOD_GT3_2 24249	40.47 2.69 -3.71	38.60 2.22 -5.54	37.78 1.96 -9.27	35.95 1.88 -8.70	35.20 1.80 -8.79	37.06 1.98 -6.85	40.04 2.52 -3.49	41.11 2.92 -2.95	44.00 2.92 -5.50	47.11 3.20 -7.17	54.25 3.52 -7.84	57.23 3.34 -11.09	73.80 3.48 -23.90	75.98 3.90 -25.61	87.40 4.79 -35.23	133.00 6.48 -68.63	160.54 8.79 -72.56	174.81 10.76 -66.24	140.59 9.16 -47.35	98.55 7.20 -13.89	82.75 5.47 -8.97	59.67 4.05 -3.72	54.35 3.53 -4.32	46.38 3.20 0.00
RAVENSWOOD_GT3_3 24250	40.54 2.76 -3.71	38.66 2.28 -5.54	37.84 2.02 -9.27	36.00 1.93 -8.70	35.23 1.82 -8.79	37.12 2.03 -6.85	40.10 2.59 -3.49	41.18 2.99 -2.95	44.07 2.99 -5.50	47.18 3.27 -7.17	54.38 3.65 -7.84	57.36 3.47 -11.09	73.89 3.57 -23.90	76.12 4.04 -25.61	87.54 4.93 -35.23	133.11 6.60 -68.63	160.78 9.03 -72.56	175.11 11.05 -66.24	140.84 9.42 -47.35	98.71 7.36 -13.89	82.89 5.60 -8.97	59.82 4.20 -3.72	54.44 3.63 -4.32	46.47 3.28 0.00
RAVENSWOOD_GT3_4 24251	40.54 2.76 -3.71	38.66 2.28 -5.54	37.84 2.02 -9.27	36.00 1.93 -8.70	35.23 1.82 -8.79	37.12 2.03 -6.85	40.10 2.59 -3.49	41.18 2.99 -2.95	44.07 2.99 -5.50	47.18 3.27 -7.17	54.38 3.65 -7.84	57.36 3.47 -11.09	73.89 3.57 -23.90	76.12 4.04 -25.61	87.54 4.93 -35.23	133.11 6.60 -68.63	160.78 9.03 -72.56	175.11 11.05 -66.24	140.84 9.42 -47.35	98.71 7.36 -13.89	82.89 5.60 -8.97	59.82 4.20 -3.72	54.44 3.63 -4.32	46.47 3.28 0.00
RAVENSWOOD_GT_1 23729	40.60 2.83 -3.71	38.70 2.31 -5.54	37.86 2.04 -9.27	36.05 1.98 -8.70	35.25 1.85 -8.79	37.09 2.01 -6.85	40.07 2.55 -3.49	41.18 2.99 -2.95	43.96 2.88 -5.50	47.03 3.12 -7.17	54.11 3.39 -7.84	57.10 3.21 -11.08	69.99 3.39 -20.19	73.30 3.76 -23.07	83.35 4.74 -31.23	132.90 6.37 -68.65	163.81 8.63 -75.98	182.17 10.86 -73.51	129.65 8.91 -36.68	97.25 6.97 -12.82	80.09 5.19 -6.58	57.04 3.84 -1.30	53.40 3.44 -3.46	46.38 3.20 0.00
RAVENSWOOD_GT_10 24258	40.47 2.69 -3.71	38.60 2.22 -5.54	37.78 1.96 -9.27	35.95 1.88 -8.70	35.20 1.80 -8.79	37.09 2.00 -6.85	40.04 2.52 -3.49	41.11 2.92 -2.95	44.00 2.92 -5.50	47.11 3.20 -7.17	54.29 3.56 -7.84	57.27 3.38 -11.09	73.80 3.48 -23.90	76.03 3.95 -25.61	87.40 4.79 -35.23	133.00 6.48 -68.63	160.54 8.79 -72.56	174.81 10.76 -66.24	140.59 9.16 -47.35	98.55 7.20 -13.89	82.75 5.47 -8.97	59.72 4.10 -3.72	54.35 3.53 -4.32	46.38 3.20 0.00
RAVENSWOOD_GT_11 24259	40.47 2.69 -3.71	38.60 2.22 -5.54	37.78 1.96 -9.27	35.95 1.88 -8.70	35.20 1.80 -8.79	37.06 1.98 -6.85	40.04 2.52 -3.49	41.11 2.92 -2.95	44.00 2.92 -5.50	47.07 3.16 -7.17	54.29 3.56 -7.84	57.27 3.38 -11.09	73.84 3.53 -23.90	75.98 3.90 -25.61	87.40 4.78 -35.24	133.01 6.48 -68.64	160.54 8.79 -72.57	175.01 10.95 -66.25	140.59 9.16 -47.36	98.56 7.21 -13.89	82.75 5.47 -8.97	59.67 4.05 -3.72	54.35 3.53 -4.32	46.38 3.20 0.00

RAVENSWOOD_GT_4 24252	40.47 2.69 -3.71	38.60 2.22 -5.54	37.78 1.96 -9.27	35.95 1.88 -8.70	35.20 1.80 -8.79	37.09 2.00 -6.85	40.04 2.52 -3.49	41.11 2.92 -2.95	44.00 2.92 -5.50	47.11 3.20 -7.17	54.33 3.60 -7.84	57.31 3.42 -11.09	71.02 3.53 -21.07	74.14 4.00 -23.68	84.39 4.83 -32.18	133.06 6.54 -68.64	163.22 8.87 -75.16	180.44 10.86 -71.77	132.54 9.25 -39.22	97.82 7.28 -13.07	81.00 5.53 -7.15	57.88 4.10 -1.87	53.74 3.58 -3.66	46.42 3.24 0.00
RAVENSWOOD_GT_5 24254	40.47 2.69 -3.71	38.60 2.22 -5.54	37.78 1.96 -9.27	35.95 1.88 -8.70	35.20 1.80 -8.79	37.09 2.00 -6.85	40.04 2.52 -3.49	41.11 2.92 -2.95	44.00 2.92 -5.50	47.11 3.20 -7.17	54.33 3.60 -7.84	57.31 3.42 -11.09	71.02 3.53 -21.07	74.14 4.00 -23.68	84.39 4.83 -32.18	133.06 6.54 -68.64	163.22 8.87 -75.16	180.44 10.86 -71.77	132.54 9.25 -39.22	97.82 7.28 -13.07	81.00 5.53 -7.15	57.88 4.10 -1.87	53.74 3.58 -3.66	46.42 3.24 0.00
RAVENSWOOD_GT_6 24253	40.47 2.69 -3.71	38.60 2.22 -5.54	37.78 1.96 -9.27	35.95 1.88 -8.70	35.20 1.80 -8.79	37.09 2.00 -6.85	40.04 2.52 -3.49	41.11 2.92 -2.95	44.00 2.92 -5.50	47.11 3.20 -7.17	54.33 3.60 -7.84	57.31 3.42 -11.09	71.02 3.53 -21.07	74.14 4.00 -23.68	84.39 4.83 -32.18	133.06 6.54 -68.64	163.22 8.87 -75.16	180.44 10.86 -71.77	132.54 9.25 -39.22	97.82 7.28 -13.07	81.00 5.53 -7.15	57.88 4.10 -1.87	53.74 3.58 -3.66	46.42 3.24 0.00
RAVENSWOOD_GT_7 24255	40.47 2.69 -3.71	38.60 2.22 -5.54	37.78 1.96 -9.27	35.95 1.88 -8.70	35.20 1.80 -8.79	37.09 2.00 -6.85	40.04 2.52 -3.49	41.11 2.92 -2.95	44.00 2.92 -5.50	47.11 3.20 -7.17	54.33 3.60 -7.84	57.31 3.42 -11.09	71.02 3.53 -21.07	74.14 4.00 -23.68	84.39 4.83 -32.18	133.06 6.54 -68.64	163.22 8.87 -75.16	180.44 10.86 -71.77	132.54 9.25 -39.22	97.82 7.28 -13.07	81.00 5.53 -7.15	57.88 4.10 -1.87	53.74 3.58 -3.66	46.42 3.24 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	40.47 2.69 -3.71	38.60 2.22 -5.54	37.78 1.96 -9.27	35.95 1.88 -8.70	35.20 1.80 -8.79	37.09 2.00 -6.85	40.04 2.52 -3.49	41.11 2.92 -2.95	44.00 2.92 -5.50	47.11 3.20 -7.17	54.29 3.56 -7.84	57.27 3.38 -11.09	73.80 3.48 -23.90	76.03 3.95 -25.61	87.40 4.79 -35.23	133.00 6.48 -68.63	160.54 8.79 -72.56	174.81 10.76 -66.24	140.59 9.16 -47.35	98.55 7.20 -13.89	82.75 5.47 -8.97	59.72 4.10 -3.72	54.35 3.53 -4.32	46.38 3.20 0.00
RAVENSWOOD_GT_9 24257	40.47 2.69 -3.71	38.60 2.22 -5.54	37.78 1.96 -9.27	35.95 1.88 -8.70	35.20 1.80 -8.79	37.09 2.00 -6.85	40.04 2.52 -3.49	41.11 2.92 -2.95	44.00 2.92 -5.50	47.11 3.20 -7.17	54.29 3.56 -7.84	57.27 3.38 -11.09	73.80 3.48 -23.90	76.03 3.95 -25.61	87.40 4.79 -35.23	133.00 6.48 -68.63	160.54 8.79 -72.56	174.81 10.76 -66.24	140.59 9.16 -47.35	98.55 7.20 -13.89	82.75 5.47 -8.97	59.72 4.10 -3.72	54.35 3.53 -4.32	46.38 3.20 0.00
RAVENSWOOD___1 23533	40.57 2.79 -3.71	38.66 2.28 -5.54	37.84 2.02 -9.27	36.03 1.95 -8.70	35.23 1.82 -8.79	37.09 2.01 -6.85	40.07 2.55 -3.49	41.15 2.96 -2.95	43.96 2.88 -5.50	47.00 3.09 -7.17	54.07 3.35 -7.84	57.10 3.21 -11.08	65.01 3.34 -15.25	69.89 3.72 -19.70	77.98 4.69 -25.91	132.83 6.31 -68.64	160.30 8.55 -72.56	174.81 10.76 -66.24	115.38 8.82 -22.49	95.76 6.89 -11.40	76.92 5.19 -3.42	53.75 3.79 1.94	52.19 3.39 -2.30	46.34 3.15 0.00
RAVENSWOOD___2 23534	40.50 2.73 -3.71	38.60 2.22 -5.54	37.78 1.96 -9.27	35.95 1.88 -8.70	35.18 1.77 -8.79	37.01 1.92 -6.85	39.97 2.45 -3.49	41.08 2.89 -2.95	43.89 2.81 -5.50	46.74 2.83 -7.17	53.68 2.96 -7.84	56.71 2.82 -11.08	64.46 2.93 -15.11	69.33 3.25 -19.61	77.36 4.22 -25.76	132.26 5.73 -68.64	159.51 7.76 -72.56	173.83 9.78 -66.24	114.24 8.07 -22.10	95.03 6.20 -11.36	76.23 4.58 -3.33	53.20 3.32 2.03	51.75 2.98 -2.27	46.12 2.94 0.00
RAVENSWOOD___3 23535	40.47 2.69 -3.71	38.60 2.22 -5.54	37.78 1.96 -9.27	35.95 1.88 -8.70	35.20 1.80 -8.79	37.06 1.98 -6.85	40.04 2.52 -3.49	41.11 2.92 -2.95	44.00 2.92 -5.50	47.07 3.16 -7.17	54.25 3.52 -7.84	57.23 3.34 -11.09	73.84 3.53 -23.90	75.93 3.85 -25.61	87.40 4.78 -35.24	133.01 6.48 -68.64	160.54 8.79 -72.57	174.91 10.86 -66.25	140.51 9.08 -47.36	98.56 7.21 -13.89	82.75 5.47 -8.97	59.67 4.05 -3.72	54.35 3.53 -4.32	46.38 3.20 0.00
RAVENSWOOD___4 23820	40.57 2.79 -3.71	38.63 2.25 -5.54	37.84 2.02 -9.27	36.00 1.93 -8.70	35.23 1.82 -8.79	37.06 1.98 -6.85	40.04 2.52 -3.49	41.11 2.92 -2.95	43.93 2.85 -5.50	46.96 3.05 -7.17	54.07 3.35 -7.83	57.05 3.17 -11.08	59.95 3.30 -10.24	66.42 3.67 -16.29	72.54 4.65 -20.51	132.77 6.25 -68.64	156.85 8.48 -69.19	167.56 10.66 -59.09	100.91 8.74 -8.10	94.25 6.82 -9.97	73.65 5.13 -0.21	50.47 3.79 5.22	50.97 3.35 -1.12	46.30 3.11 0.00
RCPL_TRUST___DRP 24196	40.50 2.73 -3.71	38.60 2.22 -5.54	37.81 1.99 -9.26	35.98 1.90 -8.70	35.20 1.80 -8.79	37.12 2.03 -6.85	40.07 2.55 -3.49	41.18 2.99 -2.95	44.07 2.99 -5.50	47.22 3.31 -7.17	54.42 3.69 -7.84	57.49 3.60 -11.09	74.03 3.71 -23.90	76.26 4.18 -25.61	87.68 5.07 -35.23	133.30 6.77 -68.65	160.87 9.11 -72.58	175.22 11.15 -66.26	140.93 9.50 -47.37	98.86 7.51 -13.89	83.02 5.74 -8.97	59.88 4.26 -3.72	54.49 3.67 -4.32	46.47 3.28 0.00
RED___ROCHESTER 323720	35.22 0.75 -0.41	32.25 0.77 -0.64	28.21 0.58 -1.07	26.86 0.48 -1.01	26.08 0.44 -1.02	29.54 0.51 -0.79	35.08 0.68 -0.36	36.21 0.63 -0.34	36.79 0.60 -0.60	37.74 0.55 -0.45	44.56 0.81 -0.86	45.13 1.11 -1.21	50.36 1.35 -2.60	50.72 1.49 -2.77	52.76 1.75 -3.63	65.90 2.72 -5.30	87.58 3.57 -4.83	105.62 4.11 -3.70	90.47 3.87 -2.53	82.24 3.25 -1.52	72.78 3.48 -0.98	55.01 2.70 -0.41	48.32 1.35 -0.47	44.57 1.38 0.00
REGAN___SOLAR 323812	49.74 4.53 -11.14	45.11 4.07 -10.20	43.92 3.27 -14.10	41.70 3.09 -13.24	41.04 3.05 -13.38	42.33 3.67 -10.42	43.58 4.59 -4.96	44.52 4.79 -4.49	57.04 4.94 -16.51	55.59 5.03 -13.81	73.21 6.77 -23.54	82.81 6.72 -33.29	125.93 7.47 -72.04	131.40 7.43 -77.51	157.33 6.21 -103.75	139.42 7.52 -74.01	158.92 10.37 -69.36	166.14 13.20 -55.13	145.97 11.86 -50.05	131.16 12.01 -41.69	106.79 11.55 -26.93	71.42 8.36 -11.16	66.16 6.70 -12.96	49.28 6.09 0.00
RENSSELAER___COGEN 23796	43.38 1.26 -8.06	40.15 1.14 -8.16	39.38 0.95 -11.87	37.41 0.89 -11.15	36.74 0.86 -11.27	38.03 1.02 -8.78	39.51 1.22 -4.25	40.22 1.20 -3.78	48.69 1.17 -11.94	48.78 1.18 -10.86	61.24 1.33 -17.02	68.15 1.28 -24.07	94.22 1.30 -46.50	92.25 1.39 -44.39	80.56 1.66 -31.52	124.25 2.02 -64.34	143.07 2.77 -61.12	150.54 3.33 -49.40	128.44 2.86 -41.51	110.01 2.40 -30.14	89.83 2.05 -19.47	61.63 1.66 -8.07	57.45 1.58 -9.37	44.61 1.42 0.00
REPUBLIC_115KV_BARTNBRK 55605	50.73 4.77 -11.90	44.76 4.29 -9.63	42.17 3.27 -12.35	40.09 3.12 -11.60	39.41 3.08 -11.72	41.04 3.67 -9.13	43.07 4.63 -4.41	44.28 5.11 -3.94	58.69 5.48 -17.64	57.48 5.73 -15.00	74.85 6.82 -25.14	85.58 7.23 -35.55	132.16 8.17 -77.58	138.48 7.90 -84.11	169.60 7.01 -115.21	132.23 7.87 -66.47	153.32 11.17 -62.96	161.34 12.81 -50.72	145.87 11.77 -50.03	134.14 12.16 -44.51	108.68 11.61 -28.76	72.75 8.93 -11.92	67.59 7.25 -13.84	49.49 6.31 0.00

REVERE_CPDR_DRP 24186	35.29 1.23 0.00	32.08 1.02 -0.22	27.90 0.88 -0.47	26.58 0.76 -0.44	25.87 0.81 -0.45	29.63 1.04 -0.35	35.59 1.40 -0.16	36.72 1.34 -0.15	37.04 1.46 0.00	38.14 1.40 0.00	44.69 1.80 0.00	44.81 2.01 0.00	48.74 2.32 0.00	48.65 2.18 0.00	49.09 1.71 0.00	63.92 2.14 -3.90	90.25 3.09 -7.97	113.71 4.11 -11.79	104.39 3.70 -16.62	95.39 4.88 -13.05	82.07 4.51 -9.25	56.56 3.43 -1.23	49.11 2.60 0.00	45.04 1.86 0.00
REYNOLDS_115KV_TB3 80639	44.16 1.57 -8.52	40.58 1.42 -8.32	39.64 1.19 -11.89	37.66 1.12 -11.17	37.01 1.11 -11.28	38.30 1.27 -8.79	39.82 1.53 -4.26	40.61 1.59 -3.79	49.81 1.60 -12.63	49.76 1.62 -11.40	62.79 1.89 -18.01	70.11 1.84 -25.47	106.88 1.95 -58.52	114.91 2.04 -66.40	152.82 2.37 -103.07	125.29 2.84 -64.57	144.46 3.88 -61.39	152.19 4.69 -49.68	130.77 4.04 -42.67	112.76 3.41 -31.89	91.78 2.87 -20.60	62.72 2.28 -8.54	58.46 2.05 -9.91	45.04 1.86 0.00
RIVERBAY____ 323610	41.12 3.34 -3.72	39.17 2.78 -5.55	38.24 2.42 -9.27	36.36 2.28 -8.70	35.55 2.14 -8.79	37.35 2.26 -6.85	40.31 2.79 -3.49	41.43 3.24 -2.95	44.18 3.10 -5.50	47.33 3.42 -7.17	54.84 4.12 -7.84	57.91 4.02 -11.08	74.62 4.32 -23.89	76.86 4.79 -25.60	87.96 5.35 -35.23	133.58 7.06 -68.63	161.56 9.82 -72.55	176.17 12.13 -66.24	141.77 10.34 -47.36	99.48 8.13 -13.88	83.49 6.22 -8.96	60.35 4.72 -3.73	54.92 4.09 -4.32	46.95 3.76 -0.01
RIVERSDE_115KV_TB3 55908	44.17 1.46 -8.64	40.58 1.36 -8.38	39.60 1.12 -11.93	37.62 1.04 -11.21	36.97 1.03 -11.33	38.25 1.19 -8.82	39.73 1.43 -4.27	40.52 1.48 -3.80	49.88 1.49 -12.80	49.79 1.54 -11.51	62.90 1.76 -18.25	70.32 1.71 -25.81	105.25 1.81 -57.02	110.94 1.95 -62.53	137.18 2.18 -87.62	125.17 2.60 -64.69	144.29 3.64 -61.46	151.90 4.40 -49.69	130.73 3.78 -42.88	113.03 3.25 -32.32	91.92 2.73 -20.88	62.68 2.13 -8.65	58.50 1.95 -10.04	44.96 1.77 0.00
ROARING__BROOK_WT_PWR 323790	33.04 -1.02 0.00	29.85 -0.99 0.00	25.70 -0.85 0.00	24.59 -0.79 0.00	23.90 -0.71 0.00	27.45 -0.79 0.00	33.04 -0.99 0.00	34.21 -1.02 0.00	34.55 -1.03 0.00	35.64 -1.10 0.00	41.60 -1.29 0.00	41.52 -1.28 0.00	45.07 -1.35 0.00	45.16 -1.30 0.00	45.96 -1.42 0.00	54.01 -1.79 2.07	69.83 -2.22 7.14	84.30 -2.54 10.97	77.28 -2.02 4.77	71.96 -1.55 3.95	64.26 -1.37 2.68	50.49 -1.04 0.37	45.67 -0.84 0.00	42.45 -0.73 0.00
ROCHESRG_115KV_T4 355643	34.71 0.24 -0.40	31.81 0.34 -0.63	27.86 0.24 -1.07	26.53 0.15 -1.00	25.75 0.12 -1.01	29.14 0.11 -0.79	34.60 0.20 -0.36	35.71 0.14 -0.34	36.21 0.04 -0.60	37.11 -0.07 -0.44	43.87 0.13 -0.85	44.39 0.39 -1.20	49.40 0.42 -2.57	49.90 0.70 -2.74	51.87 0.90 -3.59	64.91 1.79 -5.23	86.17 2.22 -4.76	103.90 2.45 -3.65	89.00 2.44 -2.50	80.82 1.86 -1.50	71.54 2.25 -0.97	53.96 1.66 -0.40	47.62 0.65 -0.47	43.88 0.69 0.00
ROCHESTER_9_IC 23652	34.98 0.51 -0.41	32.06 0.59 -0.64	28.05 0.42 -1.07	26.74 0.36 -1.01	25.95 0.32 -1.02	29.37 0.34 -0.79	34.87 0.48 -0.36	36.00 0.42 -0.34	36.54 0.36 -0.60	37.45 0.26 -0.45	44.26 0.51 -0.86	44.82 0.81 -1.21	49.89 0.88 -2.59	50.39 1.16 -2.76	52.37 1.37 -3.62	65.47 2.32 -5.27	87.00 3.01 -4.80	104.91 3.42 -3.68	89.78 3.19 -2.52	81.61 2.63 -1.52	72.23 2.94 -0.98	54.54 2.23 -0.41	48.04 1.07 -0.47	44.27 1.08 0.00
ROCKVIEW_13_KV_LD 356306	40.50 2.73 -3.71	38.63 2.25 -5.54	37.81 1.99 -9.27	35.98 1.90 -8.70	35.20 1.80 -8.79	37.12 2.03 -6.85	40.10 2.59 -3.49	41.18 2.99 -2.95	44.10 3.02 -5.50	47.26 3.34 -7.17	54.51 3.77 -7.84	57.57 3.68 -11.09	74.22 3.90 -23.90	76.49 4.41 -25.61	87.92 5.31 -35.24	133.56 7.06 -68.62	161.31 9.58 -72.54	175.66 11.64 -66.22	141.41 10.00 -47.33	99.25 7.90 -13.89	83.43 6.15 -8.97	60.19 4.57 -3.72	54.68 3.86 -4.32	46.60 3.41 0.00
ROME____115KV_TB2 80656	35.29 1.23 0.00	32.08 1.02 -0.22	27.90 0.88 -0.47	26.58 0.76 -0.44	25.87 0.81 -0.45	29.63 1.04 -0.35	35.59 1.40 -0.16	36.72 1.34 -0.15	37.04 1.46 0.00	38.14 1.40 0.00	44.69 1.80 0.00	44.81 2.01 0.00	48.74 2.32 0.00	48.65 2.18 0.00	49.09 1.71 0.00	63.92 2.14 -3.90	90.25 3.09 -7.97	113.71 4.11 -11.79	104.39 3.70 -16.62	95.39 4.88 -13.05	82.07 4.51 -9.25	56.56 3.43 -1.23	49.11 2.60 0.00	45.04 1.86 0.00
ROSETON__1 23587	39.87 2.11 -3.69	38.16 1.79 -5.53	37.38 1.57 -9.26	35.57 1.50 -8.70	34.83 1.43 -8.79	36.69 1.61 -6.85	39.75 2.01 -3.71	40.44 2.26 -2.95	43.29 2.24 -5.47	48.37 2.46 -9.17	53.52 2.83 -7.80	56.61 2.78 -11.02	72.91 2.88 -23.61	74.74 3.11 -25.16	85.98 3.84 -34.77	110.87 4.98 -48.01	130.73 6.81 -44.74	141.53 8.41 -35.31	115.86 7.14 -24.65	96.92 5.65 -13.81	81.67 4.44 -8.92	58.92 3.32 -3.70	53.72 2.93 -4.29	45.73 2.55 0.00
ROSETON__2 23588	39.87 2.11 -3.69	38.16 1.79 -5.53	37.38 1.57 -9.26	35.57 1.50 -8.70	34.83 1.43 -8.79	36.69 1.61 -6.85	39.75 2.01 -3.71	40.44 2.26 -2.95	43.29 2.24 -5.47	48.37 2.46 -9.17	53.52 2.83 -7.80	56.61 2.78 -11.02	72.91 2.88 -23.61	74.74 3.11 -25.16	85.98 3.84 -34.77	110.87 4.98 -48.01	130.73 6.81 -44.74	141.53 8.41 -35.31	115.86 7.14 -24.65	96.92 5.65 -13.81	81.67 4.44 -8.92	58.92 3.32 -3.70	53.72 2.93 -4.29	45.73 2.55 0.00
ROTTTRDAM_115KV_TB3 80664	48.47 1.81 -12.60	42.44 1.67 -9.93	40.46 1.38 -12.52	38.45 1.32 -11.76	37.78 1.28 -11.88	38.96 1.47 -9.26	40.29 1.80 -4.46	41.13 1.90 -3.99	56.18 1.92 -18.68	54.48 2.02 -15.72	71.91 2.40 -26.62	82.84 2.40 -37.64	130.45 2.55 -81.48	136.75 2.60 -87.68	167.57 2.80 -117.39	128.34 3.36 -67.10	147.31 4.67 -63.45	154.48 5.67 -51.00	140.66 5.04 -51.55	129.17 4.57 -47.14	102.80 4.03 -30.45	67.59 3.06 -12.62	63.76 2.60 -14.65	45.47 2.29 0.00
RUSSELL__1 23602	35.22 0.75 -0.41	32.25 0.77 -0.64	28.21 0.58 -1.07	26.86 0.48 -1.01	26.08 0.44 -1.02	29.51 0.48 -0.79	35.04 0.65 -0.36	36.21 0.63 -0.34	36.75 0.57 -0.60	37.70 0.51 -0.45	44.56 0.81 -0.86	45.12 1.11 -1.21	50.26 1.25 -2.59	50.81 1.58 -2.76	52.75 1.75 -3.62	65.87 2.72 -5.27	87.55 3.56 -4.80	105.59 4.11 -3.68	90.45 3.87 -2.52	82.23 3.25 -1.52	72.78 3.48 -0.98	54.95 2.65 -0.41	48.37 1.40 -0.47	44.57 1.38 0.00
RUSSELL__2 23532	35.22 0.75 -0.41	32.25 0.77 -0.64	28.21 0.58 -1.07	26.86 0.48 -1.01	26.08 0.44 -1.02	29.51 0.48 -0.79	35.04 0.65 -0.36	36.21 0.63 -0.34	36.75 0.57 -0.60	37.70 0.51 -0.45	44.56 0.81 -0.86	45.12 1.11 -1.21	50.26 1.25 -2.59	50.81 1.58 -2.76	52.75 1.75 -3.62	65.87 2.72 -5.27	87.55 3.56 -4.80	105.59 4.11 -3.68	90.45 3.87 -2.52	82.23 3.25 -1.52	72.78 3.48 -0.98	54.95 2.65 -0.41	48.37 1.40 -0.47	44.57 1.38 0.00
RUSSELL__3 23549	35.22 0.75 -0.41	32.25 0.77 -0.64	28.21 0.58 -1.07	26.86 0.48 -1.01	26.08 0.44 -1.02	29.51 0.48 -0.79	35.04 0.65 -0.36	36.21 0.63 -0.34	36.75 0.57 -0.60	37.70 0.51 -0.45	44.56 0.81 -0.86	45.12 1.11 -1.21	50.26 1.25 -2.59	50.81 1.58 -2.76	52.75 1.75 -3.62	65.87 2.72 -5.27	87.55 3.56 -4.80	105.59 4.11 -3.68	90.45 3.87 -2.52	82.23 3.25 -1.52	72.78 3.48 -0.98	54.95 2.65 -0.41	48.37 1.40 -0.47	44.57 1.38 0.00

RUSSELL___4 23556	35.22 0.75 -0.41	32.25 0.77 -0.64	28.21 0.58 -1.07	26.86 0.48 -1.01	26.08 0.44 -1.02	29.51 0.48 -0.79	35.04 0.65 -0.36	36.21 0.63 -0.34	36.75 0.57 -0.60	37.70 0.51 -0.45	44.56 0.81 -0.86	45.12 1.11 -1.21	50.26 1.25 -2.59	50.81 1.58 -2.76	52.75 1.75 -3.62	65.87 2.72 -5.27	87.55 3.56 -4.80	105.59 4.11 -3.68	90.45 3.87 -2.52	82.23 3.25 -1.52	72.78 3.48 -0.98	54.95 2.65 -0.41	48.37 1.40 -0.47	44.57 1.38 0.00
RUSSELL___STATION 23914	35.22 0.75 -0.41	32.25 0.77 -0.64	28.21 0.58 -1.07	26.86 0.48 -1.01	26.08 0.44 -1.02	29.51 0.48 -0.79	35.04 0.65 -0.36	36.21 0.63 -0.34	36.75 0.57 -0.60	37.70 0.51 -0.45	44.56 0.81 -0.86	45.12 1.11 -1.21	50.26 1.25 -2.59	50.81 1.58 -2.76	52.75 1.75 -3.62	65.87 2.72 -5.27	87.55 3.56 -4.80	105.59 4.11 -3.68	90.45 3.87 -2.52	82.23 3.25 -1.52	72.78 3.48 -0.98	54.95 2.65 -0.41	48.37 1.40 -0.47	44.57 1.38 0.00
S SALMON___HYD 24043	34.03 -0.03 0.00	31.18 0.03 -0.31	27.21 0.00 -0.65	25.96 -0.03 -0.61	25.23 0.00 -0.62	28.75 0.03 -0.48	34.29 0.03 -0.22	35.37 -0.07 -0.21	35.47 -0.11 0.00	36.60 -0.15 0.00	42.76 -0.13 0.00	42.80 0.00 0.00	46.56 0.14 0.00	46.56 0.09 0.00	47.33 -0.05 0.00	63.48 0.12 -5.48	89.97 -0.08 -10.86	116.70 0.10 -18.79	105.90 0.34 -21.49	94.86 1.08 -16.31	82.50 1.29 -12.90	54.48 1.04 -1.54	47.01 0.51 0.00	43.36 0.17 0.00
S.PERRY___115KV_TB1 80734	36.07 1.40 -0.61	32.94 1.20 -0.90	29.01 0.96 -1.50	27.62 0.84 -1.41	26.83 0.79 -1.42	30.25 0.90 -1.11	35.63 1.09 -0.51	36.56 0.85 -0.48	37.16 0.68 -0.90	36.93 -0.48 -0.67	43.74 -0.43 -1.28	44.32 -0.30 -1.81	48.49 -1.81 -3.89	49.03 -1.58 -4.14	51.95 -0.85 -5.43	65.48 0.23 -7.36	86.13 0.24 -6.71	102.56 -0.39 -5.14	88.01 0.34 -3.60	80.74 1.01 -2.27	72.04 2.25 -1.47	54.28 1.76 -0.61	48.97 1.77 -0.71	44.78 1.60 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	34.55 -0.07 -0.56	31.49 -0.19 -0.83	27.73 -0.21 -1.39	26.42 -0.25 -1.31	25.64 -0.30 -1.32	28.78 -0.48 -1.03	33.96 -0.54 -0.47	34.97 -0.70 -0.44	35.87 -0.53 -0.82	36.62 -0.73 -0.61	43.46 -0.60 -1.17	44.07 -0.39 -1.66	49.64 -0.32 -3.55	50.48 0.23 -3.78	52.86 0.52 -4.95	65.92 1.22 -6.83	86.75 1.35 -6.22	103.65 1.08 -4.76	88.82 1.43 -3.32	80.85 1.32 -2.07	71.70 2.05 -1.34	54.01 1.56 -0.56	47.52 0.37 -0.64	43.88 0.69 0.00
SAWYER___23_KV_LOAD 55526	34.55 -0.07 -0.56	31.49 -0.19 -0.83	27.73 -0.21 -1.39	26.42 -0.25 -1.31	25.64 -0.30 -1.32	28.78 -0.48 -1.03	33.96 -0.54 -0.47	34.97 -0.70 -0.44	35.87 -0.53 -0.82	36.62 -0.73 -0.61	43.46 -0.60 -1.17	44.07 -0.39 -1.66	49.64 -0.32 -3.55	50.48 0.23 -3.78	52.86 0.52 -4.95	65.92 1.22 -6.83	86.75 1.35 -6.22	103.65 1.08 -4.76	88.82 1.43 -3.32	80.85 1.32 -2.07	71.70 2.05 -1.34	54.01 1.56 -0.56	47.52 0.37 -0.64	43.88 0.69 0.00
SELKIRK___I 23801	42.56 1.64 -6.86	40.06 1.54 -7.68	39.49 1.27 -11.66	37.51 1.19 -10.95	36.86 1.18 -11.06	38.21 1.36 -8.62	39.80 1.60 -4.17	40.54 1.59 -3.72	47.34 1.60 -10.16	47.66 1.47 -9.45	59.09 1.72 -14.49	64.14 0.86 -20.49	88.66 0.84 -41.41	88.94 0.88 -41.60	89.63 1.09 -41.16	119.59 1.16 -60.55	133.03 1.67 -52.18	138.45 2.06 -38.58	121.16 1.85 -35.25	104.75 1.63 -25.65	86.39 1.50 -16.57	60.95 2.18 -6.87	56.61 2.14 -7.97	45.13 1.95 0.00
SELKIRK___II 23799	42.59 1.36 -7.16	39.95 1.27 -7.85	39.43 1.06 -11.82	37.48 1.02 -11.09	36.81 0.99 -11.21	38.10 1.13 -8.73	39.62 1.36 -4.23	40.34 1.34 -3.77	47.54 1.35 -10.61	47.69 1.10 -9.85	59.26 1.24 -15.13	65.30 1.11 -21.39	90.45 1.11 -42.92	90.45 1.21 -42.78	89.37 1.52 -40.47	115.29 1.80 -55.61	115.29 2.46 -33.64	115.29 3.04 -14.45	115.29 2.61 -28.61	106.34 2.09 -26.78	87.46 1.85 -17.30	60.63 1.56 -7.17	56.59 1.77 -8.32	44.78 1.60 0.00
SENECA OSWGO___HYD 24041	33.79 -0.27 0.00	31.03 -0.15 -0.34	27.13 -0.16 -0.73	25.91 -0.15 -0.69	25.16 -0.15 -0.69	28.61 -0.17 -0.54	34.04 -0.24 -0.25	35.11 -0.35 -0.23	35.22 -0.36 0.00	36.38 -0.37 0.00	42.59 -0.30 0.00	42.59 -0.21 0.00	46.32 -0.09 0.00	46.37 -0.09 0.00	47.24 -0.14 0.00	62.29 0.12 -4.29	84.85 0.00 -5.66	109.65 -0.10 -11.94	92.54 0.08 -8.39	82.74 0.16 -5.12	74.53 0.21 -6.01	52.54 0.16 -0.48	46.32 -0.19 0.00	42.84 -0.35 0.00
SENECA___115KV_TB3 355854	34.82 0.17 -0.59	31.56 -0.15 -0.87	27.82 -0.19 -1.45	26.51 -0.23 -1.36	25.72 -0.27 -1.38	28.86 -0.45 -1.07	34.05 -0.48 -0.49	35.10 -0.60 -0.46	36.27 -0.18 -0.87	37.02 -0.37 -0.64	43.99 -0.13 -1.23	44.63 0.09 -1.74	50.38 0.23 -3.73	51.33 0.88 -3.98	53.78 1.18 -5.21	66.74 1.74 -7.12	87.74 2.06 -6.49	104.74 1.96 -4.97	89.73 2.19 -3.48	82.05 2.40 -2.18	72.73 3.01 -1.41	54.77 2.28 -0.58	48.16 0.98 -0.68	44.40 1.21 0.00
SENECA___ENERGY 23797	34.75 0.24 -0.44	31.79 0.28 -0.67	27.87 0.19 -1.13	26.59 0.15 -1.06	25.84 0.15 -1.07	29.30 0.22 -0.84	34.76 0.34 -0.38	35.84 0.25 -0.36	36.47 0.25 -0.65	37.48 0.26 -0.48	44.33 0.52 -0.92	44.74 0.64 -1.30	50.04 0.84 -2.79	50.27 0.84 -2.97	52.12 0.85 -3.89	64.92 1.45 -5.59	86.17 1.90 -5.09	106.45 2.34 -6.30	93.05 2.35 -6.63	84.24 2.25 -4.53	74.58 2.19 -4.08	54.22 1.61 -0.71	47.80 0.79 -0.51	43.75 0.56 0.00
SHOEMAKER___GT 23640	39.23 1.87 -3.29	37.36 1.60 -4.91	36.18 1.41 -8.22	34.41 1.32 -7.72	33.67 1.25 -7.80	35.72 1.41 -6.08	38.03 1.73 -2.26	39.79 1.94 -2.62	42.31 1.85 -4.88	37.59 2.02 1.18	52.25 2.40 -6.96	55.03 2.40 -9.84	70.04 2.55 -21.07	71.66 2.74 -22.45	81.65 3.32 -30.95	83.24 4.34 -21.02	95.70 5.94 -10.57	104.26 7.43 0.98	88.73 6.31 1.64	95.05 5.27 -12.32	80.37 4.10 -7.96	58.37 3.17 -3.30	53.03 2.70 -3.83	45.43 2.24 0.00
SHOEMAKR_138KV_BK 111 55601	39.17 1.84 -3.26	37.28 1.57 -4.87	36.05 1.35 -8.14	34.31 1.29 -7.65	33.57 1.23 -7.73	35.64 1.38 -6.02	37.97 1.70 -2.24	39.73 1.90 -2.60	42.26 1.85 -4.83	37.59 2.06 1.21	52.18 2.40 -6.89	54.94 2.40 -9.75	69.85 2.55 -20.88	71.49 2.79 -22.24	81.35 3.32 -30.65	83.95 4.40 -21.66	96.82 6.02 -11.61	105.44 7.34 -0.30	89.67 6.31 0.70	94.86 5.19 -12.21	80.23 4.03 -7.88	58.28 3.11 -3.27	52.90 2.60 -3.79	45.39 2.20 0.00
SHOREHAM_IC_1 23715	54.96 3.75 -17.14	40.27 3.15 -6.28	38.59 2.76 -9.28	36.59 2.51 -8.70	35.87 2.46 -8.80	37.84 2.74 -6.86	41.13 3.61 -3.50	43.92 4.09 -4.60	52.95 4.30 -13.07	68.95 4.56 -27.65	78.59 5.10 -30.60	79.72 4.92 -32.00	91.59 4.92 -40.26	130.35 5.11 -78.77	144.27 5.92 -90.96	282.91 7.76 -217.27	285.63 9.90 -196.55	285.86 10.95 -177.10	309.06 9.66 -215.33	189.36 9.60 -102.29	119.98 7.85 -43.82	94.35 5.81 -36.64	88.67 5.30 -36.87	83.47 4.84 -35.44
SHOREHAM_IC_2 23716	54.96 3.75 -17.14	40.27 3.15 -6.28	38.59 2.76 -9.28	36.59 2.51 -8.70	35.87 2.46 -8.80	37.84 2.74 -6.86	41.13 3.61 -3.50	43.92 4.09 -4.60	52.95 4.30 -13.07	68.95 4.56 -27.65	78.59 5.10 -30.60	79.72 4.92 -32.00	91.59 4.92 -40.26	130.35 5.11 -78.77	144.27 5.92 -90.96	282.91 7.76 -217.27	285.63 9.90 -196.55	285.86 10.95 -177.10	309.06 9.66 -215.33	189.36 9.60 -102.29	119.98 7.85 -43.82	94.35 5.81 -36.64	88.67 5.30 -36.87	83.47 4.84 -35.44

SISSONVILLE____ 23735	32.50 -1.57 0.00	29.30 -1.54 0.00	25.23 -1.33 0.00	24.13 -1.24 0.00	23.46 -1.16 0.00	26.97 -1.27 0.00	32.47 -1.57 0.00	33.58 -1.66 0.00	33.94 -1.64 0.00	34.91 -1.84 0.00	40.62 -2.27 0.00	40.53 -2.27 0.00	43.91 -2.51 0.00	43.96 -2.51 0.00	44.25 -3.13 0.00	41.94 -4.86 11.08	32.41 -6.81 39.96	25.68 -8.12 64.01	13.09 -6.73 64.25	19.26 -4.96 53.24	28.27 -4.10 35.95	43.86 -3.01 5.03	44.36 -2.14 0.00	41.24 -1.94 0.00
SITHE_IND_GS1 24169	33.15 -0.92 0.00	30.30 -0.80 -0.26	26.42 -0.69 -0.55	25.23 -0.66 -0.52	24.50 -0.64 -0.53	27.89 -0.76 -0.41	33.33 -0.89 -0.19	34.49 -0.92 -0.18	34.62 -0.96 0.00	35.75 -0.99 0.00	41.82 -1.07 0.00	41.77 -1.03 0.00	45.39 -1.02 0.00	45.40 -1.07 0.00	46.34 -1.04 0.00	59.51 -1.10 -2.73	80.01 -1.67 -2.49	81.04 -2.06 14.72	80.21 -1.68 2.18	75.91 -1.55 0.00	59.79 -1.23 7.29	50.97 -0.93 0.00	45.43 -1.07 0.00	42.11 -1.08 0.00
SITHE_IND_GS2 24170	33.15 -0.92 0.00	30.30 -0.80 -0.26	26.42 -0.69 -0.55	25.23 -0.66 -0.52	24.50 -0.64 -0.53	27.89 -0.76 -0.41	33.33 -0.89 -0.19	34.49 -0.92 -0.18	34.62 -0.96 0.00	35.75 -0.99 0.00	41.82 -1.07 0.00	41.77 -1.03 0.00	45.39 -1.02 0.00	45.40 -1.07 0.00	46.34 -1.04 0.00	59.51 -1.10 -2.73	80.01 -1.67 -2.49	81.04 -2.06 14.72	80.21 -1.68 2.18	75.91 -1.55 0.00	59.79 -1.23 7.29	50.97 -0.93 0.00	45.43 -1.07 0.00	42.11 -1.08 0.00
SITHE_IND_GS3 24171	33.15 -0.92 0.00	30.30 -0.80 -0.26	26.42 -0.69 -0.55	25.23 -0.66 -0.52	24.50 -0.64 -0.53	27.89 -0.76 -0.41	33.33 -0.89 -0.19	34.49 -0.92 -0.18	34.62 -0.96 0.00	35.75 -0.99 0.00	41.82 -1.07 0.00	41.77 -1.03 0.00	45.39 -1.02 0.00	45.40 -1.07 0.00	46.34 -1.04 0.00	59.51 -1.10 -2.73	80.01 -1.67 -2.49	81.04 -2.06 14.72	80.21 -1.68 2.18	75.91 -1.55 0.00	59.79 -1.23 7.29	50.97 -0.93 0.00	45.43 -1.07 0.00	42.11 -1.08 0.00
SITHE_IND_GS4 24172	33.15 -0.92 0.00	30.30 -0.80 -0.26	26.42 -0.69 -0.55	25.23 -0.66 -0.52	24.50 -0.64 -0.53	27.89 -0.76 -0.41	33.33 -0.89 -0.19	34.49 -0.92 -0.18	34.62 -0.96 0.00	35.75 -0.99 0.00	41.82 -1.07 0.00	41.77 -1.03 0.00	45.39 -1.02 0.00	45.40 -1.07 0.00	46.34 -1.04 0.00	59.51 -1.10 -2.73	80.01 -1.67 -2.49	81.04 -2.06 14.72	80.21 -1.68 2.18	75.91 -1.55 0.00	59.79 -1.23 7.29	50.97 -0.93 0.00	45.43 -1.07 0.00	42.11 -1.08 0.00
SITHE____BATAVIA 24024	35.27 0.72 -0.48	32.16 0.58 -0.74	28.21 0.42 -1.24	26.86 0.33 -1.16	26.08 0.30 -1.17	29.43 0.28 -0.91	34.86 0.41 -0.42	35.91 0.28 -0.39	36.61 0.32 -0.72	37.46 0.18 -0.53	44.38 0.47 -1.02	45.01 0.77 -1.44	50.43 0.93 -3.09	50.92 1.16 -3.29	53.11 1.42 -4.31	66.35 2.37 -6.09	87.83 3.09 -5.55	105.58 3.52 -4.25	90.46 3.45 -2.94	82.37 3.10 -1.81	73.23 3.75 -1.17	55.34 2.96 -0.48	48.32 1.26 -0.56	44.70 1.51 0.00
SITHE____INDEPEND 23800	33.14 -0.92 0.00	30.30 -0.80 -0.26	26.42 -0.69 -0.55	25.23 -0.66 -0.52	24.50 -0.64 -0.53	27.88 -0.76 -0.41	33.30 -0.92 -0.19	34.50 -0.92 -0.18	34.62 -0.96 0.00	35.75 -0.99 0.00	41.82 -1.07 0.00	41.77 -1.03 0.00	45.35 -1.07 0.00	45.44 -1.02 0.00	46.34 -1.04 0.00	59.53 -1.10 -2.75	80.03 -1.66 -2.50	81.05 -2.05 14.71	80.21 -1.68 2.17	75.91 -1.55 0.00	59.79 -1.23 7.29	50.97 -0.93 0.00	45.43 -1.07 0.00	42.11 -1.08 0.00
SITHE____MASSENA 23902	33.25 -0.82 0.00	30.04 -0.80 0.00	25.86 -0.69 0.00	24.71 -0.66 0.00	24.02 -0.59 0.00	27.56 -0.68 0.00	33.15 -0.89 0.00	34.32 -0.92 0.00	34.69 -0.89 0.00	35.68 -1.07 0.00	41.60 -1.29 0.00	41.47 -1.33 0.00	44.84 -1.58 0.00	45.02 -1.44 0.00	45.44 -1.94 0.00	47.88 -3.30 6.71	51.44 -4.67 23.08	56.69 -5.68 35.45	52.26 -4.62 27.19	51.33 -3.64 22.50	49.95 -3.07 15.29	47.49 -2.28 2.13	45.11 -1.39 0.00	42.11 -1.08 0.00
SITHE____OGDNSBRG 24021	33.38 -0.68 0.00	30.10 -0.74 0.00	25.92 -0.64 0.00	24.76 -0.61 0.00	24.10 -0.52 0.00	27.70 -0.54 0.00	33.32 -0.71 0.00	34.42 -0.81 0.00	34.83 -0.75 0.00	35.79 -0.96 0.00	41.73 -1.16 0.00	41.65 -1.16 0.00	45.16 -1.25 0.00	45.16 -1.30 0.00	45.39 -1.99 0.00	45.03 -3.47 9.38	40.16 -4.91 34.12	36.27 -5.97 55.57	29.36 -4.79 49.91	33.06 -3.10 41.30	37.79 -2.46 28.07	46.23 -1.76 3.90	45.48 -1.02 0.00	42.32 -0.86 0.00
SITHE____STERLING 23777	35.02 0.95 0.00	31.93 0.83 -0.25	27.79 0.69 -0.54	26.49 0.61 -0.51	25.77 0.64 -0.51	29.46 0.82 -0.40	35.30 1.09 -0.18	36.46 1.06 -0.17	36.72 1.14 0.00	37.84 1.10 0.00	44.39 1.50 0.00	44.47 1.67 0.00	48.36 1.95 0.00	48.28 1.81 0.00	48.85 1.47 0.00	63.51 1.85 -3.78	88.17 2.69 -6.29	110.17 3.42 -8.93	98.80 3.19 -11.53	90.10 3.95 -8.69	78.28 3.62 -6.35	55.42 2.70 -0.82	48.50 2.00 0.00	44.61 1.42 0.00
SLEIGHT__34_KV_TB1 80719	35.56 1.09 -0.41	32.55 1.08 -0.63	28.46 0.85 -1.06	27.18 0.81 -0.99	26.38 0.76 -1.01	29.98 0.96 -0.78	35.68 1.29 -0.36	36.84 1.27 -0.33	37.49 1.32 -0.59	38.54 1.36 -0.44	45.75 2.02 -0.84	46.13 2.14 -1.19	51.48 2.51 -2.56	51.70 2.51 -2.72	53.27 2.32 -3.57	66.34 3.30 -5.16	88.16 4.28 -4.70	108.72 5.38 -5.53	95.16 4.88 -6.22	86.26 4.49 -4.30	76.20 4.17 -3.72	55.58 3.01 -0.67	48.97 2.00 -0.46	44.74 1.55 0.00
SOUTH CAIRO____GT 23612	43.05 2.52 -6.46	40.49 2.34 -7.30	39.52 1.83 -11.14	37.53 1.70 -10.46	36.86 1.67 -10.57	38.50 2.03 -8.23	40.32 2.32 -3.97	40.97 2.19 -3.55	47.08 1.92 -9.58	47.61 2.06 -8.81	58.82 2.27 -13.66	64.29 2.18 -19.31	87.67 2.50 -38.75	87.50 2.41 -38.62	86.57 2.37 -36.82	117.65 3.30 -56.47	130.68 4.75 -46.74	137.04 6.17 -33.07	120.64 4.71 -31.87	106.83 5.19 -24.18	88.37 4.44 -15.62	62.16 3.79 -6.47	57.46 3.44 -7.52	46.30 3.11 0.00
SOUTH HAMPTN____IC 23720	55.88 4.67 -17.14	41.07 3.95 -6.28	39.26 3.43 -9.28	37.22 3.15 -8.70	36.49 3.08 -8.80	38.54 3.44 -6.86	42.02 4.49 -3.50	44.87 5.04 -4.60	54.05 5.41 -13.07	70.16 5.77 -27.65	80.09 6.60 -30.60	81.26 6.46 -32.00	93.01 6.55 -40.04	130.76 6.83 -77.47	145.17 7.73 -90.06	278.33 10.13 -210.32	277.90 13.78 -184.93	282.81 16.24 -168.76	299.59 14.55 -200.98	189.92 12.63 -99.82	121.06 10.32 -42.43	95.88 7.63 -36.34	90.00 6.84 -36.66	84.65 6.18 -35.28
SOUTHDOW_115KV_TB1 355954	34.98 0.27 -0.64	31.45 -0.34 -0.94	27.75 -0.37 -1.57	26.49 -0.36 -1.48	25.69 -0.42 -1.49	28.89 -0.51 -1.16	34.12 -0.44 -0.53	35.38 -0.35 -0.50	37.03 0.50 -0.95	37.63 0.18 -0.70	44.76 0.51 -1.35	45.23 0.51 -1.91	51.21 0.70 -4.10	52.41 1.58 -4.37	55.09 1.99 -5.72	67.97 2.37 -7.72	89.71 3.48 -7.03	106.91 3.72 -5.39	91.30 3.45 -3.79	84.27 4.42 -2.40	74.78 4.92 -1.55	56.49 3.94 -0.64	49.66 2.42 -0.74	45.52 2.33 0.00
SOUTHOLD_69_KV_BK 2 55809	56.83 5.62 -17.14	41.90 4.78 -6.28	39.91 4.09 -9.27	37.86 3.78 -8.70	37.08 3.67 -8.80	39.30 4.21 -6.85	42.96 5.45 -3.49	45.93 6.10 -4.60	55.23 6.58 -13.07	71.45 7.05 -27.65	81.72 8.23 -30.60	82.97 8.18 -32.00	93.89 7.43 -40.05	131.70 7.76 -77.48	146.34 8.81 -90.15	280.94 12.56 -210.50	281.70 17.18 -185.33	285.44 18.39 -169.24	303.89 18.24 -201.57	193.28 15.96 -99.86	123.80 13.05 -42.44	98.06 9.81 -36.35	91.54 8.37 -36.67	86.12 7.64 -35.29

SOUTHOLD___IC 23719	56.83 5.62 -17.14	41.90 4.78 -6.28	39.95 4.12 -9.28	37.88 3.80 -8.70	37.13 3.72 -8.80	39.28 4.18 -6.86	42.97 5.44 -3.50	45.93 6.10 -4.60	55.23 6.58 -13.07	71.41 7.02 -27.65	81.72 8.24 -30.60	82.98 8.18 -32.00	93.89 7.42 -40.05	131.66 7.72 -77.48	146.30 8.76 -90.15	280.95 12.56 -210.51	281.72 17.18 -185.35	285.45 18.38 -169.26	303.81 18.15 -201.59	193.28 15.96 -99.86	123.81 13.05 -42.44	97.90 9.65 -36.35	91.68 8.51 -36.67	86.12 7.64 -35.29
SPIERFLS_115KV_TB 1 80737	48.49 2.45 -11.97	42.72 2.22 -9.66	40.62 1.70 -12.37	38.61 1.62 -11.61	37.93 1.58 -11.74	39.27 1.89 -9.14	40.79 2.35 -4.41	41.75 2.57 -3.94	55.99 2.67 -17.74	54.68 2.87 -15.07	71.40 3.22 -25.29	81.90 3.34 -35.76	128.15 3.76 -77.98	134.25 3.30 -84.48	165.89 3.08 -115.43	127.95 3.53 -66.54	147.27 5.07 -63.01	154.62 6.06 -50.75	140.31 6.05 -50.19	128.29 6.04 -44.79	102.98 5.74 -28.93	68.36 4.46 -11.99	64.09 3.67 -13.92	46.38 3.20 0.00
ST LAWRENCE____ 23600	33.04 -1.02 0.00	29.85 -0.99 0.00	25.70 -0.85 0.00	24.59 -0.79 0.00	23.85 -0.76 0.00	27.39 -0.85 0.00	32.94 -1.09 0.00	34.11 -1.13 0.00	34.48 -1.10 0.00	35.49 -1.25 0.00	41.35 -1.54 0.00	41.17 -1.63 0.00	44.56 -1.86 0.00	44.65 -1.81 0.00	45.15 -2.23 0.00	48.90 -3.18 5.80	54.84 -4.28 20.07	61.71 -5.09 31.01	60.11 -4.46 19.50	57.61 -3.72 16.14	54.07 -3.28 10.97	47.89 -2.49 1.53	44.73 -1.77 0.00	41.76 -1.42 0.00
STATE_CA_115KV_115_LB 55624	44.78 1.50 -9.22	40.84 1.39 -8.61	39.70 1.12 -12.03	37.74 1.07 -11.30	37.07 1.03 -11.42	38.32 1.19 -8.89	39.80 1.46 -4.30	40.58 1.52 -3.83	50.77 1.53 -13.66	50.44 1.58 -12.11	64.21 1.84 -19.48	72.14 1.80 -27.54	107.98 1.95 -59.61	112.66 2.04 -64.15	134.31 2.23 -84.71	125.61 2.66 -65.06	144.66 3.72 -61.75	152.08 4.40 -49.87	131.98 3.78 -44.12	115.28 3.33 -34.48	93.46 2.87 -22.28	63.37 2.23 -9.23	59.22 2.00 -10.72	45.00 1.81 0.00
STATE_ST_34_KV_LOAD 55959	35.29 0.78 -0.44	32.28 0.77 -0.67	28.31 0.64 -1.12	27.03 0.61 -1.05	26.24 0.57 -1.06	29.77 0.71 -0.83	35.33 0.92 -0.38	36.43 0.85 -0.35	37.14 0.93 -0.64	38.17 0.96 -0.47	44.87 1.07 -0.91	45.28 1.20 -1.28	50.60 1.44 -2.75	50.79 1.39 -2.93	52.83 1.61 -3.84	65.64 2.32 -5.44	87.23 3.09 -4.96	108.29 3.81 -6.66	94.53 3.61 -6.84	85.54 3.41 -4.66	75.83 3.14 -4.37	54.96 2.34 -0.72	48.58 1.58 -0.50	44.31 1.12 0.00
STATION 5_MISC_HYD 23604	34.98 0.51 -0.41	32.06 0.58 -0.64	28.08 0.45 -1.07	26.74 0.36 -1.01	25.95 0.32 -1.02	29.37 0.34 -0.79	34.87 0.48 -0.36	36.00 0.42 -0.34	36.54 0.36 -0.60	37.52 0.33 -0.45	44.26 0.52 -0.86	44.83 0.81 -1.21	49.99 0.98 -2.60	50.35 1.11 -2.77	52.38 1.37 -3.63	65.50 2.32 -5.30	87.02 3.01 -4.83	104.93 3.42 -3.70	89.79 3.19 -2.53	81.62 2.64 -1.52	72.23 2.94 -0.98	54.59 2.28 -0.41	47.95 0.98 -0.47	44.27 1.08 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	35.02 0.55 -0.41	32.03 0.56 -0.63	28.02 0.40 -1.07	26.71 0.33 -1.01	25.95 0.32 -1.02	29.42 0.40 -0.79	34.94 0.54 -0.36	36.10 0.53 -0.34	36.71 0.53 -0.60	37.67 0.48 -0.44	44.60 0.86 -0.85	45.12 1.11 -1.21	50.21 1.21 -2.58	50.66 1.44 -2.75	52.46 1.47 -3.61	65.44 2.32 -5.24	86.97 3.01 -4.77	105.69 3.62 -4.26	90.05 3.36 -2.62	81.92 2.94 -1.51	72.63 3.07 -1.24	54.54 2.23 -0.40	48.13 1.16 -0.47	44.18 0.99 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	35.15 0.68 -0.40	32.15 0.68 -0.63	28.12 0.50 -1.06	26.78 0.41 -1.00	25.99 0.37 -1.01	29.45 0.42 -0.78	35.00 0.61 -0.36	36.20 0.63 -0.34	36.81 0.64 -0.59	37.81 0.62 -0.44	44.85 1.12 -0.84	45.45 1.46 -1.19	50.55 1.58 -2.55	51.09 1.91 -2.72	52.94 1.99 -3.57	66.10 3.01 -5.21	87.97 4.04 -4.74	106.23 4.79 -3.63	90.84 4.29 -2.48	82.44 3.49 -1.49	72.97 3.69 -0.96	55.00 2.70 -0.40	48.36 1.40 -0.46	44.48 1.30 0.00
STA_56____34_KV_BUS2 355983	35.15 0.68 -0.40	32.15 0.68 -0.63	28.12 0.50 -1.06	26.78 0.41 -1.00	25.99 0.37 -1.01	29.45 0.42 -0.78	35.00 0.61 -0.36	36.20 0.63 -0.34	36.81 0.64 -0.59	37.81 0.62 -0.44	44.85 1.12 -0.84	45.45 1.46 -1.19	50.55 1.58 -2.55	51.09 1.91 -2.72	52.94 1.99 -3.57	66.10 3.01 -5.21	87.97 4.04 -4.74	106.23 4.79 -3.63	90.84 4.29 -2.48	82.44 3.49 -1.49	72.97 3.69 -0.96	55.00 2.70 -0.40	48.36 1.40 -0.46	44.48 1.30 0.00
STA_67____115KV_BK2 355882	34.88 0.41 -0.41	31.97 0.49 -0.63	28.00 0.37 -1.07	26.66 0.28 -1.01	25.88 0.25 -1.02	29.28 0.25 -0.79	34.77 0.37 -0.36	35.89 0.32 -0.34	36.43 0.32 -0.60	37.34 0.15 -0.45	44.13 0.39 -0.85	44.65 0.64 -1.21	49.70 0.70 -2.59	50.25 1.02 -2.76	52.18 1.18 -3.62	65.29 2.14 -5.26	86.67 2.69 -4.79	104.61 3.13 -3.67	89.53 2.94 -2.51	81.30 2.32 -1.51	72.02 2.73 -0.98	54.33 2.02 -0.41	47.86 0.88 -0.47	44.14 0.95 0.00
STA_7____115KV_9TRANS 80674	35.22 0.75 -0.41	32.25 0.77 -0.64	28.21 0.58 -1.07	26.86 0.48 -1.01	26.08 0.44 -1.02	29.51 0.48 -0.79	35.04 0.65 -0.36	36.21 0.63 -0.34	36.75 0.57 -0.60	37.70 0.51 -0.45	44.56 0.81 -0.86	45.12 1.11 -1.21	50.26 1.25 -2.59	50.81 1.58 -2.76	52.75 1.75 -3.62	65.87 2.72 -5.27	87.55 3.56 -4.80	105.59 4.11 -3.68	90.45 3.87 -2.52	82.23 3.25 -1.52	72.78 3.48 -0.98	54.95 2.65 -0.41	48.37 1.40 -0.47	44.57 1.38 0.00
STA_82____115KV_TB1 80780	34.95 0.48 -0.41	32.00 0.52 -0.64	28.03 0.40 -1.08	26.69 0.30 -1.01	25.91 0.27 -1.02	29.32 0.28 -0.80	34.81 0.41 -0.37	35.93 0.35 -0.34	36.47 0.28 -0.61	37.38 0.18 -0.45	44.18 0.43 -0.86	44.70 0.68 -1.22	49.77 0.74 -2.61	50.27 1.02 -2.78	52.25 1.23 -3.64	65.38 2.20 -5.29	86.78 2.77 -4.82	104.73 3.23 -3.69	89.63 3.03 -2.53	81.39 2.40 -1.53	72.10 2.80 -0.99	54.39 2.08 -0.41	47.91 0.93 -0.47	44.18 0.99 0.00
STEEL____WIND 323596	34.79 0.14 -0.59	31.53 -0.18 -0.87	27.79 -0.21 -1.45	26.48 -0.25 -1.36	25.70 -0.29 -1.38	28.86 -0.45 -1.07	34.02 -0.51 -0.49	35.10 -0.60 -0.46	36.23 -0.21 -0.87	37.02 -0.37 -0.64	43.95 -0.17 -1.24	44.59 0.04 -1.75	50.44 0.28 -3.74	51.10 0.65 -3.99	53.69 1.09 -5.22	66.72 1.68 -7.16	87.69 1.98 -6.53	104.66 1.85 -5.00	89.66 2.10 -3.49	81.97 2.32 -2.19	72.66 2.94 -1.41	54.77 2.28 -0.59	48.02 0.84 -0.68	44.35 1.17 0.00
STEPHTWN_115KV_BK_2 55603	43.82 1.70 -8.06	40.55 1.54 -8.16	39.68 1.25 -11.87	37.69 1.17 -11.15	37.01 1.13 -11.27	38.34 1.33 -8.78	39.95 1.67 -4.25	40.71 1.69 -3.78	49.22 1.71 -11.94	49.26 1.65 -10.86	61.88 1.97 -17.02	68.79 1.93 -24.06	95.00 2.09 -46.50	93.03 2.18 -44.38	81.21 2.32 -31.51	124.99 2.78 -64.33	144.18 3.88 -61.11	151.90 4.69 -49.40	129.61 4.04 -41.51	111.24 3.64 -30.14	90.99 3.21 -19.47	62.41 2.44 -8.07	58.10 2.23 -9.37	45.17 1.99 0.00
STEUBEN_REC_LFGE 323667	35.47 0.61 -0.79	32.25 0.28 -1.13	28.59 0.16 -1.87	27.23 0.10 -1.76	26.47 0.07 -1.78	29.71 0.08 -1.39	34.85 0.20 -0.62	35.93 0.11 -0.60	37.14 0.39 -1.17	37.60 0.15 -0.71	45.07 0.51 -1.67	45.97 0.81 -2.36	52.44 0.97 -5.05	53.29 1.44 -5.38	56.00 1.56 -7.05	69.40 2.32 -9.20	90.90 3.33 -8.38	109.09 4.01 -7.27	93.08 4.29 -4.72	85.06 4.65 -2.95	75.37 4.78 -2.28	56.27 3.58 -0.79	49.65 2.23 -0.92	45.17 1.99 0.00

STONY___BROOK 24151	55.26 4.05 -17.14	40.51 3.39 -6.28	38.78 2.95 -9.28	36.82 2.74 -8.70	36.07 2.66 -8.80	38.06 2.96 -6.86	41.41 3.88 -3.50	44.20 4.37 -4.60	53.13 4.48 -13.07	69.14 4.74 -27.65	78.69 5.19 -30.62	79.78 4.96 -32.02	92.74 5.06 -41.26	137.65 5.02 -86.16	141.22 5.83 -88.01	309.81 7.64 -244.29	322.31 10.45 -232.67	292.83 12.71 -182.31	345.23 11.01 -250.15	201.53 9.21 -114.86	127.72 7.72 -51.69	95.85 5.91 -38.03	89.79 5.44 -37.85	84.52 5.14 -36.20
STURGEON_POOL_HYD 23609	40.40 2.04 -4.29	38.43 1.73 -5.86	37.61 1.51 -9.54	35.76 1.42 -8.96	35.00 1.33 -9.06	36.79 1.50 -7.06	39.23 1.84 -3.36	40.39 2.11 -3.04	43.93 1.99 -6.35	45.18 2.65 -5.79	54.91 2.96 -9.06	58.65 3.04 -12.81	76.53 3.25 -26.87	77.94 3.44 -28.04	85.78 4.17 -34.23	111.63 6.08 -47.67	129.73 8.24 -42.30	139.78 10.17 -31.80	116.30 7.90 -24.33	99.78 6.27 -16.04	83.32 4.65 -10.36	59.67 3.48 -4.30	54.32 2.84 -4.99	45.73 2.55 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	39.40 1.94 -3.39	37.54 1.63 -5.06	36.46 1.43 -8.47	34.67 1.34 -7.95	33.93 1.28 -8.04	35.94 1.44 -6.26	38.19 1.80 -2.35	39.98 2.04 -2.70	42.64 2.03 -5.03	37.92 2.24 1.06	52.76 2.70 -7.17	55.64 2.70 -10.14	71.01 2.88 -21.71	72.76 3.16 -23.13	83.01 3.70 -31.94	81.67 4.98 -18.81	92.98 6.73 -7.06	100.87 8.31 5.26	86.34 7.06 4.79	95.81 5.65 -12.69	80.82 4.30 -8.20	58.57 3.27 -3.40	53.19 2.74 -3.95	45.52 2.33 0.00
SWANROAD_115KV_TB1 355699	33.85 -0.75 -0.53	30.93 -0.71 -0.80	27.23 -0.66 -1.34	25.92 -0.71 -1.25	25.14 -0.74 -1.27	28.26 -0.96 -0.99	33.36 -1.12 -0.45	34.28 -1.37 -0.42	35.05 -1.32 -0.78	35.74 -1.58 -0.58	42.33 -1.67 -1.12	42.92 -1.46 -1.58	48.31 -1.49 -3.38	49.05 -1.02 -3.60	51.34 -0.76 -4.72	64.26 -0.17 -6.55	84.52 -0.63 -5.97	100.92 -1.47 -4.57	86.58 -0.67 -3.18	78.67 -0.77 -1.98	69.86 0.27 -1.28	52.69 0.26 -0.53	46.37 -0.74 -0.61	42.88 -0.30 0.00
SYNERGY___BIOGAS 323694	35.27 0.72 -0.48	32.16 0.58 -0.74	28.21 0.42 -1.24	26.86 0.33 -1.16	26.08 0.30 -1.17	29.43 0.28 -0.91	34.86 0.41 -0.42	35.91 0.28 -0.39	36.61 0.32 -0.72	37.46 0.18 -0.53	44.38 0.47 -1.02	45.01 0.77 -1.44	50.43 0.93 -3.09	50.92 1.16 -3.29	53.11 1.42 -4.31	66.35 2.37 -6.09	87.83 3.09 -5.55	105.58 3.52 -4.25	90.46 3.45 -2.94	82.37 3.10 -1.81	73.23 3.75 -1.17	55.34 2.96 -0.48	48.32 1.26 -0.56	44.70 1.51 0.00
SYRACUSE___ENERGY_ST1 323597	34.53 0.14 -0.33	31.56 0.19 -0.53	27.57 0.11 -0.91	26.35 0.13 -0.85	25.57 0.10 -0.86	29.02 0.11 -0.67	34.51 0.17 -0.31	35.66 0.14 -0.28	35.72 0.14 0.00	36.89 0.15 0.00	43.27 0.39 0.00	43.23 0.43 0.00	47.02 0.60 0.00	47.07 0.60 0.00	47.71 0.33 0.00	62.91 0.64 -4.39	83.90 0.71 -4.00	104.77 0.68 -6.27	91.22 0.76 -6.39	81.89 0.77 -3.65	73.02 0.82 -3.89	52.87 0.62 -0.35	46.92 0.42 0.00	43.40 0.22 0.00
SYRACUSE___ENERGY_ST2 323598	34.53 0.14 -0.33	31.56 0.19 -0.53	27.57 0.11 -0.91	26.35 0.13 -0.85	25.57 0.10 -0.86	29.02 0.11 -0.67	34.51 0.17 -0.31	35.66 0.14 -0.28	35.72 0.14 0.00	36.89 0.15 0.00	43.27 0.39 0.00	43.23 0.43 0.00	47.02 0.60 0.00	47.07 0.60 0.00	47.71 0.33 0.00	62.91 0.64 -4.39	83.90 0.71 -4.00	104.77 0.68 -6.27	91.22 0.76 -6.39	81.89 0.77 -3.65	73.02 0.82 -3.89	52.87 0.62 -0.35	46.92 0.42 0.00	43.40 0.22 0.00
SYRACUSE___POWER 24017	34.45 0.03 -0.35	31.43 0.03 -0.55	27.50 0.00 -0.94	26.28 0.03 -0.88	25.53 0.02 -0.89	28.93 0.00 -0.70	34.39 0.03 -0.32	35.57 0.04 -0.30	36.16 0.07 -0.51	37.19 0.07 -0.37	43.86 0.26 -0.72	44.16 0.34 -1.01	49.05 0.46 -2.17	49.29 0.51 -2.31	50.84 0.43 -3.03	63.26 0.81 -4.57	84.30 0.95 -4.16	104.18 1.08 -5.29	92.23 1.01 -7.16	83.56 1.01 -5.09	73.67 1.02 -4.34	53.33 0.73 -0.70	47.22 0.33 -0.39	43.32 0.13 0.00
TALLMAN___138KV_BK151 55660	39.69 2.11 -3.51	37.85 1.76 -5.25	36.87 1.54 -8.77	35.08 1.47 -8.24	34.34 1.40 -8.32	36.28 1.55 -6.49	38.46 1.97 -2.46	40.36 2.33 -2.80	43.06 2.28 -5.21	38.42 2.57 0.89	53.27 2.96 -7.42	56.21 2.91 -10.50	71.96 3.06 -22.49	73.86 3.44 -23.96	84.72 4.17 -33.17	74.49 5.61 -11.00	82.65 7.60 4.14	89.11 9.39 18.09	77.95 7.99 14.11	96.81 6.20 -13.15	81.52 4.71 -8.49	58.95 3.53 -3.52	53.56 2.98 -4.09	45.73 2.55 0.00
TEALLAVE_115KV_TB7 355573	33.96 -0.10 0.00	31.15 -0.06 -0.37	27.27 -0.08 -0.79	26.07 -0.05 -0.75	25.32 -0.05 -0.75	28.71 -0.11 -0.59	34.23 -0.07 -0.27	35.38 -0.11 -0.25	35.51 -0.07 0.00	36.67 -0.07 0.00	42.97 0.09 0.00	42.97 0.17 0.00	46.69 0.28 0.00	46.79 0.33 0.00	47.66 0.28 0.00	62.36 0.64 -3.84	83.40 0.71 -3.50	102.89 0.68 -4.40	91.61 0.76 -6.79	82.51 0.70 -4.35	72.77 0.75 -3.71	52.83 0.52 -0.41	46.64 0.14 0.00	43.14 -0.04 0.00
TELGRAPH_34_KV_EAST 80808	34.64 0.07 -0.50	31.60 0.00 -0.76	27.75 -0.08 -1.27	26.42 -0.15 -1.20	25.65 -0.17 -1.21	28.90 -0.28 -0.94	34.16 -0.31 -0.43	35.18 -0.46 -0.40	35.93 -0.39 -0.74	36.67 -0.62 -0.55	43.51 -0.43 -1.06	44.12 -0.17 -1.49	49.47 -0.14 -3.20	50.19 0.33 -3.40	52.36 0.52 -4.46	65.40 1.27 -6.25	86.39 1.50 -5.69	103.54 1.37 -4.36	88.69 1.60 -3.03	80.73 1.39 -1.87	71.71 2.19 -1.21	54.11 1.71 -0.50	47.50 0.42 -0.58	43.92 0.73 0.00
TEMPLE___115KV_TB 2 55572	34.00 -0.07 0.00	31.19 -0.03 -0.38	27.30 -0.05 -0.80	26.10 -0.03 -0.75	25.35 -0.02 -0.76	28.75 -0.08 -0.59	34.27 -0.03 -0.27	35.42 -0.07 -0.25	35.54 -0.04 0.00	36.71 -0.04 0.00	43.02 0.13 0.00	43.02 0.21 0.00	46.74 0.32 0.00	46.84 0.37 0.00	47.76 0.38 0.00	62.47 0.69 -3.89	83.52 0.79 -3.54	103.03 0.78 -4.44	91.58 0.84 -6.67	82.48 0.77 -4.24	72.77 0.82 -3.64	52.87 0.57 -0.40	46.69 0.19 0.00	43.19 0.00 0.00
TIANA___69_KV_BK 1 55817	55.64 4.43 -17.14	40.85 3.73 -6.28	39.04 3.21 -9.27	37.02 2.94 -8.70	36.27 2.86 -8.80	38.36 3.28 -6.85	41.77 4.25 -3.49	44.63 4.79 -4.60	53.77 5.12 -13.07	69.87 5.47 -27.65	79.66 6.18 -30.60	80.83 6.03 -32.00	92.59 6.13 -40.05	130.35 6.41 -77.48	144.81 7.30 -90.13	277.89 9.55 -210.46	277.43 12.99 -185.26	282.32 15.36 -169.15	299.15 13.62 -201.46	189.16 11.85 -99.85	120.38 9.63 -42.44	95.62 7.37 -36.35	89.49 6.32 -36.67	84.30 5.83 -35.29
TILDEN___115KV_TB1 80814	34.45 0.03 -0.35	31.43 0.03 -0.55	27.50 0.00 -0.94	26.28 0.03 -0.88	25.53 0.02 -0.89	28.93 0.00 -0.70	34.39 0.03 -0.32	35.57 0.04 -0.30	36.16 0.07 -0.51	37.19 0.07 -0.37	43.86 0.26 -0.72	44.16 0.34 -1.01	49.05 0.46 -2.17	49.29 0.51 -2.31	50.84 0.43 -3.03	63.26 0.81 -4.57	84.30 0.95 -4.16	104.18 1.08 -5.29	92.23 1.01 -7.16	83.56 1.01 -5.09	73.67 1.02 -4.34	53.33 0.73 -0.70	47.22 0.33 -0.39	43.32 0.13 0.00
TRIGEN___CC 323695	54.34 3.13 -17.14	39.71 2.59 -6.28	38.13 2.31 -9.27	36.23 2.16 -8.70	35.50 2.09 -8.80	37.46 2.37 -6.85	40.48 2.96 -3.49	43.15 3.31 -4.60	51.98 3.34 -13.06	67.98 3.60 -27.64	77.42 3.99 -30.54	78.59 3.85 -31.94	81.74 4.04 -31.29	96.90 4.37 -46.07	99.73 5.21 -47.13	133.30 6.95 -68.47	160.95 9.42 -72.34	175.34 11.54 -65.99	141.07 9.84 -47.17	99.33 7.98 -13.89	83.66 6.35 -8.99	80.80 4.72 -24.17	78.85 4.19 -28.17	75.69 3.80 -28.70

TRINITY__115KV__4 BK 55933	43.67 1.36 -8.25	40.32 1.23 -8.24	39.47 1.01 -11.91	37.52 0.96 -11.18	36.85 0.94 -11.30	38.14 1.10 -8.80	39.62 1.33 -4.26	40.40 1.37 -3.80	49.15 1.35 -12.22	49.21 1.40 -11.07	61.90 1.59 -17.42	68.98 1.54 -24.63	99.92 1.62 -51.88	102.56 1.72 -54.38	113.99 1.99 -64.62	124.76 2.37 -64.51	143.71 3.25 -61.27	151.25 3.91 -49.53	129.48 3.45 -41.96	111.18 2.87 -30.85	90.70 2.46 -19.93	62.08 1.92 -8.26	57.86 1.77 -9.59	44.78 1.60 0.00
UNION__PROCESSING_DRP 323587	34.95 0.48 -0.41	32.04 0.56 -0.64	28.03 0.40 -1.08	26.72 0.33 -1.01	25.91 0.27 -1.03	29.35 0.31 -0.80	34.84 0.44 -0.37	35.96 0.39 -0.34	36.47 0.28 -0.61	37.38 0.18 -0.45	44.18 0.43 -0.86	44.71 0.68 -1.22	49.82 0.79 -2.61	50.32 1.07 -2.78	52.26 1.23 -3.65	65.38 2.20 -5.30	86.86 2.85 -4.83	104.73 3.23 -3.70	89.71 3.11 -2.53	81.47 2.48 -1.53	72.17 2.87 -0.99	54.44 2.13 -0.41	47.95 0.98 -0.47	44.18 0.99 0.00
UPPER HUDSON__HYD 24058	48.49 2.45 -11.97	42.72 2.22 -9.66	40.63 1.70 -12.37	38.61 1.63 -11.61	37.93 1.58 -11.74	39.27 1.89 -9.14	40.79 2.35 -4.41	41.75 2.57 -3.94	55.99 2.67 -17.74	54.69 2.87 -15.08	71.41 3.22 -25.30	81.91 3.34 -35.77	128.22 3.81 -77.99	134.22 3.25 -84.50	165.91 3.08 -115.45	127.96 3.53 -66.55	147.28 5.07 -63.02	154.63 6.07 -50.75	140.32 6.06 -50.19	128.30 6.05 -44.79	102.99 5.74 -28.94	68.36 4.46 -11.99	64.10 3.67 -13.92	46.38 3.20 0.00
UPPER RAQUET__HYD 24056	32.50 -1.57 0.00	29.30 -1.54 0.00	25.23 -1.33 0.00	24.13 -1.24 0.00	23.46 -1.16 0.00	26.97 -1.27 0.00	32.47 -1.56 0.00	33.58 -1.66 0.00	33.94 -1.64 0.00	34.91 -1.84 0.00	40.61 -2.27 0.00	40.53 -2.27 0.00	43.86 -2.55 0.00	44.00 -2.46 0.00	44.25 -3.13 0.00	41.94 -4.86 11.08	32.41 -6.81 39.96	25.61 -8.22 63.98	13.10 -6.73 64.24	19.26 -4.96 53.24	28.28 -4.10 35.94	43.81 -3.06 5.03	44.36 -2.14 0.00	41.24 -1.94 0.00
VALLEY44_115KV_TB2 355964	34.53 -0.20 -0.67	30.74 -1.08 -0.97	27.22 -0.96 -1.62	25.90 -0.99 -1.52	25.14 -1.01 -1.54	28.22 -1.21 -1.20	33.25 -1.33 -0.55	34.48 -1.27 -0.51	36.35 -0.21 -0.98	36.89 -0.59 -0.73	43.73 -0.56 -1.40	44.44 -0.34 -1.98	50.43 -0.23 -4.24	51.50 0.51 -4.52	54.21 0.90 -5.92	66.18 0.35 -7.96	86.59 0.16 -7.25	103.07 -0.29 -5.55	88.23 0.25 -3.91	81.65 1.70 -2.48	72.17 2.25 -1.60	54.28 1.71 -0.66	47.78 0.51 -0.77	43.79 0.60 0.00
VALLEY__115KV_TB 1-4 80826	33.83 -0.24 0.00	30.59 -0.25 0.00	26.34 -0.21 0.00	25.09 -0.28 0.00	24.37 -0.25 0.00	27.98 -0.25 0.00	33.76 -0.27 0.00	34.92 -0.32 0.00	35.29 -0.28 0.00	36.41 -0.33 0.00	42.80 -0.09 0.00	42.80 0.00 0.00	46.42 0.00 0.00	46.37 -0.09 0.00	46.81 -0.57 0.00	57.07 -0.81 0.00	78.08 -1.11 0.00	96.54 -1.27 0.00	86.96 -1.01 -3.90	80.07 -0.62 -3.23	70.10 -0.41 -2.19	52.05 -0.16 -0.31	46.32 -0.19 0.00	42.93 -0.26 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	38.94 2.21 -2.66	35.25 1.97 -2.43	31.66 1.75 -3.36	30.15 1.62 -3.15	29.40 1.60 -3.19	32.64 1.92 -2.48	37.56 2.42 -1.12	38.70 2.40 -1.07	42.09 2.56 -3.95	42.14 2.68 -2.72	51.52 3.00 -5.63	53.88 3.12 -7.95	66.89 3.43 -17.04	67.96 3.35 -18.15	74.44 3.27 -23.79	78.47 4.05 -16.54	99.64 5.38 -15.07	116.60 6.65 -12.14	100.95 5.97 -10.91	93.93 6.51 -9.96	80.88 5.87 -6.70	58.98 4.41 -2.67	53.13 3.53 -3.10	46.08 2.89 0.00
VISCHER__FERRY HYD 24020	46.57 1.97 -10.53	41.69 1.79 -9.06	40.11 1.49 -12.07	38.13 1.42 -11.34	37.45 1.38 -11.46	38.77 1.61 -8.93	40.32 1.97 -4.32	41.12 2.04 -3.85	53.24 2.06 -15.60	52.49 2.17 -13.58	67.71 2.57 -22.25	76.82 2.57 -31.46	119.02 2.74 -69.87	126.24 2.79 -76.98	160.80 3.03 -110.38	126.95 3.65 -65.42	146.32 4.99 -62.14	154.20 6.17 -50.23	136.53 5.39 -47.08	121.58 4.73 -39.39	97.86 4.10 -25.45	65.62 3.17 -10.55	61.44 2.70 -12.24	45.65 2.46 0.00
V_A_10_SYNC_DSASP 323832	34.29 -0.24 -0.47	31.49 -0.06 -0.71	27.68 -0.08 -1.20	26.32 -0.18 -1.13	25.56 -0.20 -1.14	28.81 -0.31 -0.89	34.10 -0.34 -0.41	35.12 -0.49 -0.38	35.63 -0.64 -0.69	36.45 -0.81 -0.51	43.10 -0.77 -0.98	43.63 -0.56 -1.39	48.88 -0.51 -2.98	49.45 -0.19 -3.17	51.58 0.05 -4.16	64.82 1.04 -5.90	85.67 1.11 -5.37	102.71 0.78 -4.11	88.09 1.18 -2.84	79.74 0.54 -1.74	70.74 1.30 -1.12	53.30 0.93 -0.47	46.95 -0.09 -0.54	43.36 0.17 0.00
V_CMM_10_SYNC_DSASP 323787	33.18 -0.89 0.00	29.95 -0.90 0.00	25.78 -0.77 0.00	24.66 -0.71 0.00	23.95 -0.66 0.00	27.48 -0.76 0.00	33.08 -0.95 0.00	34.25 -0.99 0.00	34.58 -1.00 0.00	35.60 -1.14 0.00	41.51 -1.37 0.00	41.35 -1.46 0.00	44.75 -1.67 0.00	44.84 -1.63 0.00	45.34 -2.04 0.00	49.13 -2.95 5.80	55.16 -3.96 20.07	62.11 -4.69 31.01	60.45 -4.12 19.50	57.92 -3.41 16.14	54.34 -3.00 10.97	48.09 -2.28 1.53	44.92 -1.58 0.00	41.93 -1.25 0.00
V_CMP_10_SYNC_DSASP 323788	33.21 -0.85 0.00	29.92 -0.92 0.00	25.70 -0.85 0.00	24.71 -0.66 0.00	23.90 -0.71 0.00	27.45 -0.79 0.00	32.91 -1.12 0.00	34.07 -1.16 0.00	34.51 -1.07 0.00	34.94 -1.80 0.00	39.97 -2.92 0.00	39.42 -3.38 0.00	42.42 -3.99 0.00	42.98 -3.49 0.00	43.54 -3.84 0.00	47.20 -4.92 5.76	53.26 -5.86 20.07	59.59 -6.94 31.27	59.04 -5.89 19.14	56.82 -4.80 15.84	53.45 -4.10 10.76	47.19 -3.22 1.50	43.99 -2.51 0.00	40.98 -2.20 0.00
V_E_10_SYNC_DSASP 323830	38.08 2.56 -1.46	34.67 2.16 -1.67	30.91 1.81 -2.55	29.39 1.63 -2.39	28.66 1.62 -2.42	32.10 1.98 -1.88	37.53 2.66 -0.84	38.62 2.57 -0.81	40.44 2.70 -2.16	40.87 2.72 -1.41	49.27 3.30 -3.08	50.75 3.60 -4.36	60.02 4.27 -9.33	60.54 4.13 -9.94	63.73 3.32 -13.03	74.80 4.34 -12.57	96.65 6.02 -11.45	116.00 8.11 -10.08	99.16 7.82 -7.27	92.98 10.07 -5.46	81.70 9.29 -4.10	60.32 6.96 -1.46	53.36 5.16 -1.70	47.16 3.97 0.00
V_F_30_NSYNC__DSASP 323816	48.42 2.56 -11.80	42.74 2.31 -9.58	40.74 1.86 -12.33	38.72 1.78 -11.58	38.04 1.72 -11.70	39.39 2.03 -9.11	40.91 2.48 -4.40	41.77 2.61 -3.93	55.73 2.67 -17.48	54.47 2.83 -14.90	71.12 3.30 -24.93	81.39 3.34 -35.25	127.15 3.71 -77.02	133.70 3.63 -83.61	165.94 3.65 -114.91	128.61 4.34 -66.39	148.18 6.10 -62.90	155.83 7.34 -50.68	140.53 6.64 -49.82	127.88 6.27 -44.14	102.50 5.67 -28.52	68.08 4.36 -11.82	63.85 3.63 -13.72	46.43 3.24 0.00
V_F_30_SYNC_DSASP 323786	44.70 1.50 -9.14	40.78 1.36 -8.58	39.69 1.12 -12.02	37.73 1.07 -11.29	37.06 1.03 -11.41	38.31 1.19 -8.89	39.80 1.46 -4.30	40.58 1.52 -3.83	50.65 1.53 -13.54	50.35 1.58 -12.03	64.04 1.84 -19.31	71.90 1.80 -27.30	107.35 1.95 -58.98	111.86 2.04 -63.35	132.65 2.23 -83.04	125.56 2.66 -65.02	144.54 3.64 -61.71	152.05 4.40 -49.84	131.80 3.78 -43.95	114.98 3.33 -34.19	93.27 2.87 -22.09	63.29 2.23 -9.15	59.13 2.00 -10.63	44.96 1.77 0.00
V_XM_10_SYNC_DSASP 323789	33.21 -0.85 0.00	29.92 -0.92 0.00	25.70 -0.85 0.00	24.71 -0.66 0.00	23.90 -0.71 0.00	27.45 -0.79 0.00	32.91 -1.12 0.00	34.07 -1.16 0.00	34.51 -1.07 0.00	34.94 -1.80 0.00	39.97 -2.92 0.00	39.42 -3.38 0.00	42.42 -3.99 0.00	42.98 -3.49 0.00	43.54 -3.84 0.00	47.20 -4.92 5.76	53.26 -5.86 20.07	59.59 -6.94 31.27	59.04 -5.89 19.14	56.82 -4.80 15.84	53.45 -4.10 10.76	47.19 -3.22 1.50	43.99 -2.51 0.00	40.98 -2.20 0.00

W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	39.79 2.18 -3.54	37.98 1.85 -5.29	36.99 1.59 -8.84	35.20 1.52 -8.30	34.46 1.45 -8.39	36.41 1.64 -6.54	38.56 2.04 -2.49	40.45 2.40 -2.82	43.17 2.35 -5.25	38.54 2.61 0.81	53.46 3.09 -7.48	56.42 3.04 -10.58	72.32 3.25 -22.66	74.18 3.58 -24.14	85.09 4.26 -33.45	71.69 5.79 -8.02	78.72 7.84 8.31	84.68 9.59 17.35	74.88 8.15 13.25	97.14 6.43 -13.25	81.79 4.92 -8.56	59.13 3.69 -3.55	53.73 3.12 -4.12	45.86 2.68 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	40.50 2.73 -3.71	38.60 2.22 -5.54	37.81 1.99 -9.26	35.98 1.90 -8.70	35.20 1.80 -8.79	37.12 2.03 -6.85	40.07 2.55 -3.49	41.18 2.99 -2.95	44.07 2.99 -5.50	47.22 3.31 -7.17	54.42 3.69 -7.84	57.49 3.60 -11.09	74.03 3.71 -23.90	76.26 4.18 -25.61	87.68 5.07 -35.23	133.30 6.77 -68.65	160.87 9.11 -72.58	175.22 11.15 -66.26	140.93 9.50 -47.37	98.86 7.51 -13.89	83.02 5.74 -8.97	59.88 4.26 -3.72	54.49 3.67 -4.32	46.47 3.28 0.00
W50THST__13_KV_LOAD 356117	40.71 2.93 -3.71	38.79 2.41 -5.54	37.97 2.15 -9.26	36.13 2.06 -8.70	35.38 1.97 -8.79	37.29 2.20 -6.85	40.34 2.82 -3.49	41.46 3.28 -2.95	44.39 3.31 -5.50	47.55 3.64 -7.17	54.81 4.07 -7.84	57.87 3.98 -11.09	74.45 4.13 -23.90	76.72 4.65 -25.61	88.16 5.54 -35.23	133.88 7.35 -68.65	161.66 9.90 -72.58	176.20 12.13 -66.26	141.77 10.34 -47.37	99.48 8.13 -13.89	83.50 6.22 -8.97	60.29 4.67 -3.72	54.86 4.05 -4.32	46.77 3.58 0.00
WADING RIVER_IC_1 23522	54.92 3.71 -17.14	40.24 3.11 -6.28	38.57 2.74 -9.28	36.56 2.49 -8.70	35.85 2.44 -8.80	37.81 2.71 -6.86	41.10 3.57 -3.50	43.88 4.05 -4.60	52.91 4.27 -13.07	68.91 4.52 -27.65	78.55 5.06 -30.60	79.68 4.88 -32.00	91.36 4.92 -40.02	128.94 5.07 -77.41	142.80 5.87 -89.54	274.89 7.76 -209.25	272.23 10.45 -182.59	275.95 12.32 -165.81	292.48 10.92 -197.48	186.62 9.53 -99.63	118.46 7.78 -42.36	93.98 5.76 -36.31	88.40 5.25 -36.64	83.25 4.79 -35.27
WADING RIVER_IC_2 23547	54.92 3.71 -17.14	40.24 3.11 -6.28	38.57 2.74 -9.28	36.56 2.49 -8.70	35.85 2.44 -8.80	37.81 2.71 -6.86	41.10 3.57 -3.50	43.88 4.05 -4.60	52.91 4.27 -13.07	68.91 4.52 -27.65	78.55 5.06 -30.60	79.68 4.88 -32.00	91.36 4.92 -40.02	128.94 5.07 -77.41	142.80 5.87 -89.54	274.89 7.76 -209.25	272.23 10.45 -182.59	275.95 12.32 -165.81	292.48 10.92 -197.48	186.62 9.53 -99.63	118.46 7.78 -42.36	93.98 5.76 -36.31	88.40 5.25 -36.64	83.25 4.79 -35.27
WADING RIVER_IC_3 23601	54.92 3.71 -17.14	40.24 3.11 -6.28	38.57 2.74 -9.28	36.56 2.49 -8.70	35.85 2.44 -8.80	37.81 2.71 -6.86	41.10 3.57 -3.50	43.88 4.05 -4.60	52.91 4.27 -13.07	68.91 4.52 -27.65	78.55 5.06 -30.60	79.68 4.88 -32.00	91.36 4.92 -40.02	128.94 5.07 -77.41	142.80 5.87 -89.54	274.89 7.76 -209.25	272.23 10.45 -182.59	275.95 12.32 -165.81	292.48 10.92 -197.48	186.62 9.53 -99.63	118.46 7.78 -42.36	93.98 5.76 -36.31	88.40 5.25 -36.64	83.25 4.79 -35.27
WALDENNY_I2_KV_BK2 80841	34.82 0.17 -0.58	31.58 -0.12 -0.86	27.83 -0.16 -1.44	26.52 -0.20 -1.35	25.73 -0.25 -1.37	28.88 -0.42 -1.06	34.08 -0.44 -0.49	35.13 -0.56 -0.46	36.26 -0.18 -0.86	36.97 -0.40 -0.64	43.98 -0.13 -1.22	44.61 0.09 -1.73	50.34 0.23 -3.70	51.29 0.88 -3.94	53.68 1.14 -5.16	66.74 1.79 -7.06	87.76 2.14 -6.44	104.80 2.05 -4.93	89.70 2.19 -3.45	81.95 2.32 -2.16	72.65 2.94 -1.40	54.66 2.18 -0.58	48.10 0.93 -0.67	44.35 1.17 0.00
WALDEN___HYDRO 24148	40.08 2.42 -3.60	38.25 2.07 -5.34	37.22 1.75 -8.91	35.39 1.65 -8.36	34.65 1.58 -8.45	36.60 1.78 -6.59	39.02 2.15 -2.84	40.47 2.40 -2.84	43.19 2.28 -5.34	41.52 2.50 -2.28	53.59 3.09 -7.61	56.64 3.08 -10.76	72.80 3.34 -23.04	74.54 3.53 -24.55	84.95 4.12 -33.45	101.71 5.61 -38.22	119.15 7.68 -32.29	129.55 9.59 -22.15	107.57 8.15 -15.35	97.83 6.89 -13.47	82.35 5.33 -8.70	59.56 4.05 -3.61	54.13 3.44 -4.19	46.08 2.89 0.00
WARRENSBURG____ 23737	48.49 2.45 -11.97	42.72 2.22 -9.66	40.63 1.70 -12.37	38.61 1.63 -11.61	37.93 1.58 -11.74	39.27 1.89 -9.14	40.79 2.35 -4.41	41.75 2.57 -3.94	55.99 2.67 -17.74	54.69 2.87 -15.08	71.41 3.22 -25.30	81.91 3.34 -35.77	128.22 3.81 -77.99	134.22 3.25 -84.50	165.91 3.08 -115.45	127.96 3.53 -66.55	147.28 5.07 -63.02	154.63 6.07 -50.75	140.32 6.06 -50.19	128.30 6.05 -44.79	102.99 5.74 -28.94	68.36 4.46 -11.99	64.10 3.67 -13.92	46.38 3.20 0.00
WATERSIDE___6 8 9 23538	40.57 2.79 -3.71	38.63 2.25 -5.54	37.81 1.99 -9.27	36.00 1.93 -8.70	35.23 1.82 -8.79	37.06 1.98 -6.85	40.04 2.52 -3.49	41.11 2.92 -2.95	43.93 2.85 -5.50	47.03 3.12 -7.17	54.03 3.30 -7.84	57.05 3.17 -11.08	59.99 3.34 -10.23	66.47 3.72 -16.29	72.49 4.60 -20.51	132.76 6.25 -68.63	156.92 8.55 -69.18	167.45 10.56 -59.08	101.08 8.91 -8.10	94.25 6.82 -9.97	73.65 5.12 -0.21	50.58 3.89 5.22	50.97 3.35 -1.12	46.30 3.11 0.00
WATKINRD_115KV_LN8_ILLLION 55919	34.00 -0.07 0.00	30.75 -0.09 0.00	26.47 -0.08 0.00	25.25 -0.13 0.00	24.52 -0.10 0.00	28.15 -0.08 0.00	33.96 -0.07 0.00	35.13 -0.11 0.00	35.47 -0.11 0.00	36.60 -0.15 0.00	42.89 0.00 0.00	42.89 0.09 0.00	46.51 0.09 0.00	46.51 0.05 0.00	47.19 -0.19 0.00	57.59 -0.29 0.00	78.79 -0.40 0.00	97.42 -0.39 0.00	87.64 -0.34 -3.90	80.61 -0.08 -3.23	70.58 0.07 -2.19	52.31 0.10 -0.31	46.50 0.00 0.00	43.10 -0.09 0.00
WATSON___69_KV_BK 1 55734	55.67 4.46 -17.14	40.88 3.76 -6.28	39.06 3.24 -9.27	37.07 2.99 -8.70	36.31 2.90 -8.80	38.42 3.33 -6.85	41.84 4.32 -3.49	44.66 4.83 -4.60	53.69 5.05 -13.06	69.71 5.33 -27.64	79.42 5.96 -30.57	80.55 5.78 -31.97	91.95 5.99 -39.55	114.36 6.13 -61.76	160.24 6.96 -105.90	208.48 8.86 -141.75	225.89 12.12 -134.59	238.21 14.87 -125.53	230.19 12.86 -133.26	173.40 11.00 -84.94	103.10 9.09 -25.70	94.62 7.06 -35.66	88.73 6.05 -36.18	83.79 5.70 -34.90
WDELAWARE___HYD 323627	39.42 1.94 -3.41	37.31 1.60 -4.87	35.97 1.38 -8.03	34.21 1.29 -7.54	33.47 1.23 -7.62	35.56 1.38 -5.94	38.32 1.67 -2.62	40.08 2.29 -2.56	42.84 2.21 -5.06	41.98 2.46 -2.78	53.32 3.22 -7.21	56.38 3.38 -10.19	71.77 3.71 -21.64	71.83 2.51 -22.86	79.82 2.99 -29.45	97.78 4.17 -35.73	114.17 4.75 -30.23	124.80 5.97 -21.02	104.66 5.13 -15.46	94.56 4.34 -12.76	79.64 3.08 -8.25	58.85 3.53 -3.42	53.35 2.88 -3.97	45.47 2.29 0.00
WEST BABYLON___IC 23714	55.40 4.19 -17.14	40.64 3.52 -6.28	38.88 3.05 -9.27	36.89 2.82 -8.70	36.14 2.73 -8.80	38.22 3.13 -6.85	41.54 4.02 -3.49	44.34 4.51 -4.60	53.30 4.66 -13.06	69.31 4.92 -27.64	79.01 5.58 -30.55	80.10 5.35 -31.95	86.23 5.52 -34.29	102.03 5.72 -49.85	122.99 6.49 -69.12	149.29 8.39 -83.02	167.86 11.48 -77.19	181.72 14.08 -69.83	149.97 12.11 -53.79	126.01 10.23 -38.32	89.80 8.47 -13.01	86.74 6.49 -28.35	83.16 5.58 -31.08	79.41 5.27 -30.96
WEST CANADA___HYD 24049	34.20 0.14 0.00	30.97 0.12 0.00	26.66 0.11 0.00	25.48 0.10 0.00	24.71 0.10 0.00	28.35 0.11 0.00	34.20 0.17 0.00	35.41 0.18 0.00	35.76 0.18 0.00	36.89 0.15 0.00	43.06 0.17 0.00	43.02 0.22 0.00	46.65 0.23 0.00	46.70 0.23 0.00	47.62 0.24 0.00	58.17 0.29 0.00	79.59 0.40 0.00	98.30 0.49 0.00	88.48 0.51 -3.90	81.16 0.47 -3.23	70.99 0.48 -2.19	52.62 0.41 -0.31	46.78 0.28 0.00	43.40 0.22 0.00

WESTERN_NY_WIND 24143	35.20 0.65 -0.49	32.11 0.52 -0.74	28.18 0.37 -1.25	26.83 0.28 -1.17	26.05 0.25 -1.19	29.39 0.22 -0.92	34.80 0.34 -0.42	35.85 0.21 -0.40	36.56 0.25 -0.73	37.39 0.11 -0.54	44.31 0.39 -1.03	44.95 0.68 -1.46	50.38 0.84 -3.13	50.87 1.07 -3.34	53.08 1.32 -4.37	66.30 2.26 -6.17	87.74 2.93 -5.62	105.44 3.33 -4.31	90.32 3.28 -2.98	82.24 2.94 -1.83	73.11 3.62 -1.18	55.25 2.85 -0.49	48.28 1.21 -0.57	44.61 1.42 0.00
WESTOVER___LESR 323668	35.91 0.61 -1.23	32.98 0.46 -1.67	29.64 0.37 -2.72	28.26 0.33 -2.55	27.49 0.30 -2.58	30.61 0.37 -2.01	35.41 0.48 -0.90	36.59 0.49 -0.86	38.04 0.64 -1.82	38.48 0.62 -1.11	46.34 0.86 -2.59	47.40 0.94 -3.66	55.37 1.11 -7.84	56.12 1.30 -8.35	59.75 1.42 -10.95	73.22 1.97 -13.37	93.90 2.53 -12.18	111.38 3.03 -10.54	94.03 2.94 -7.02	84.91 2.87 -4.58	74.54 2.73 -3.49	55.21 2.08 -1.23	49.23 1.30 -1.42	44.27 1.08 0.00
WETHRSFD_WT_PWR 323626	34.39 -0.34 -0.66	31.29 -0.52 -0.97	27.69 -0.48 -1.61	26.33 -0.56 -1.52	25.56 -0.59 -1.53	28.70 -0.73 -1.19	33.73 -0.85 -0.55	34.83 -0.92 -0.51	35.95 -0.61 -0.98	36.74 -0.73 -0.73	43.60 -0.69 -1.40	44.35 -0.43 -1.98	50.46 -0.18 -4.23	51.12 0.14 -4.51	53.77 0.47 -5.91	66.94 1.10 -7.96	87.87 1.43 -7.25	104.64 1.27 -5.56	89.74 1.77 -3.91	82.10 2.17 -2.48	72.57 2.66 -1.60	54.64 2.08 -0.66	48.06 0.79 -0.77	44.18 0.99 0.00
WHAVSTOR_138KV_BK127 55557	39.62 2.01 -3.55	37.83 1.70 -5.29	36.89 1.49 -8.85	35.11 1.42 -8.31	34.37 1.35 -8.40	36.28 1.50 -6.55	38.43 1.91 -2.49	40.31 2.25 -2.82	43.04 2.21 -5.26	38.41 2.46 0.80	53.21 2.83 -7.49	56.18 2.78 -10.60	72.03 2.92 -22.69	73.94 3.30 -24.18	84.91 4.03 -33.51	70.76 5.44 -7.43	77.42 7.36 9.13	83.19 9.00 23.62	73.82 7.73 17.99	96.70 5.96 -13.27	81.39 4.51 -8.57	58.88 3.43 -3.55	53.46 2.84 -4.12	45.65 2.46 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	39.62 2.01 -3.55	37.83 1.70 -5.29	36.89 1.49 -8.85	35.11 1.42 -8.31	34.37 1.35 -8.40	36.28 1.50 -6.55	38.43 1.91 -2.49	40.31 2.25 -2.82	43.04 2.21 -5.26	38.41 2.46 0.80	53.21 2.83 -7.49	56.18 2.78 -10.60	72.03 2.92 -22.69	73.94 3.30 -24.18	84.91 4.03 -33.51	70.76 5.44 -7.43	77.42 7.36 9.13	83.19 9.00 23.62	73.82 7.73 17.99	96.70 5.96 -13.27	81.39 4.51 -8.57	58.88 3.43 -3.55	53.46 2.84 -4.12	45.65 2.46 0.00
WHITEHAL_115KV_TB1 80871	49.34 3.37 -11.90	43.52 3.05 -9.63	41.22 2.31 -12.35	39.20 2.23 -11.60	38.50 2.17 -11.72	39.97 2.60 -9.13	41.70 3.27 -4.41	42.76 3.59 -3.94	56.99 3.77 -17.64	55.75 4.01 -15.00	72.58 4.55 -25.14	83.10 4.75 -35.55	129.33 5.34 -77.58	135.55 4.97 -84.11	167.28 4.69 -115.21	129.68 5.33 -66.47	149.75 7.60 -62.96	157.52 9.00 -50.72	142.59 8.49 -50.03	130.65 8.68 -44.51	105.34 8.27 -28.76	70.15 6.33 -11.92	65.50 5.16 -13.84	47.63 4.45 0.00
WHITEPLN_13_KV_LOAD 356215	40.49 2.73 -3.70	38.65 2.28 -5.52	37.78 1.99 -9.24	35.95 1.90 -8.68	35.20 1.82 -8.77	37.13 2.06 -6.83	40.12 2.62 -3.47	41.24 3.07 -2.94	44.16 3.10 -5.49	47.27 3.45 -7.07	55.09 4.37 -7.82	58.14 4.28 -11.06	74.89 4.64 -23.84	77.26 5.25 -25.54	88.06 5.54 -35.14	135.23 7.41 -69.94	163.54 9.98 -74.38	178.25 12.13 -68.31	143.37 10.42 -48.88	99.52 8.21 -13.85	83.68 6.42 -8.95	60.33 4.72 -3.71	54.80 4.00 -4.30	46.68 3.50 0.00
WM_FLOYD_69_KV_BK2 356380	55.19 3.99 -17.14	40.48 3.36 -6.28	38.74 2.92 -9.27	36.74 2.66 -8.70	35.97 2.56 -8.80	38.05 2.96 -6.85	41.40 3.88 -3.49	44.17 4.33 -4.60	53.20 4.55 -13.07	69.21 4.81 -27.65	78.85 5.36 -30.60	79.98 5.18 -32.00	91.78 5.20 -40.17	129.80 5.44 -77.90	146.18 6.21 -92.59	282.01 8.10 -216.03	287.24 11.01 -197.04	294.11 13.20 -183.10	314.39 11.69 -218.63	188.50 9.99 -101.04	119.40 8.20 -42.89	94.75 6.33 -36.52	88.73 5.44 -36.79	83.66 5.10 -35.38
WOODARD__115KV_TB2 355635	33.89 -0.17 0.00	31.09 -0.12 -0.38	27.22 -0.13 -0.80	26.02 -0.10 -0.75	25.28 -0.10 -0.76	28.69 -0.14 -0.59	34.17 -0.14 -0.27	35.34 -0.14 -0.25	35.44 -0.14 0.00	36.60 -0.15 0.00	42.89 0.00 0.00	42.89 0.09 0.00	46.60 0.19 0.00	46.70 0.23 0.00	47.52 0.14 0.00	62.22 0.46 -3.87	83.19 0.48 -3.53	103.05 0.39 -4.85	91.22 0.50 -6.64	82.08 0.46 -4.15	72.63 0.55 -3.77	52.66 0.36 -0.39	46.50 0.00 0.00	43.06 -0.13 0.00
YORK___WARBASSE 23770	40.82 3.03 -3.72	38.82 2.44 -5.54	37.97 2.15 -9.27	36.16 2.08 -8.71	35.38 1.97 -8.80	37.20 2.12 -6.85	40.17 2.65 -3.49	41.32 3.14 -2.95	44.10 3.02 -5.50	47.25 3.34 -7.17	54.33 3.60 -7.84	57.35 3.47 -11.08	90.60 3.67 -40.52	87.37 4.00 -36.91	105.45 4.97 -53.09	133.23 6.66 -68.69	184.53 9.19 -96.16	225.38 11.25 -116.33	188.66 9.58 -95.01	103.45 7.36 -18.63	93.42 5.53 -19.58	126.85 4.31 -70.64	81.68 3.72 -31.46	46.60 3.41 0.00