

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

12/07/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	44.39	40.39	38.61	38.45	39.09	45.97	75.29	97.78	92.57	83.07	65.16	61.77	61.77	61.67	60.84	61.78	68.94	97.30	76.23	69.84	61.72	58.25	52.02	45.18
24138	3.08	2.78	2.59	2.43	2.50	2.53	4.33	6.09	6.52	5.95	4.74	4.23	4.29	4.51	4.34	4.55	4.62	5.75	3.85	3.08	2.87	2.80	2.68	3.02
	-0.21	0.00	-0.50	-2.21	-2.30	-7.87	0.00	13.40	15.75	14.39	-0.37	-4.68	-4.50	-2.22	-3.61	-1.01	-8.57	-24.68	-26.03	-28.69	-22.54	-21.31	-15.44	-4.92
74TH STREET_GT_1	44.43	40.43	38.65	38.48	39.13	46.00	75.29	103.20	98.86	88.82	66.64	63.05	62.79	62.79	61.97	62.89	69.23	97.23	76.19	69.69	61.72	58.40	52.42	45.34
24260	3.12	2.82	2.63	2.47	2.54	2.56	4.33	5.99	6.31	5.77	4.68	4.18	4.24	4.45	4.28	4.50	4.46	5.68	3.80	2.93	2.87	2.80	2.68	3.05
	-0.21	0.00	-0.50	-2.21	-2.30	-7.87	0.00	7.87	9.26	8.46	-1.91	-6.02	-5.57	-3.40	-4.79	-2.18	-9.03	-24.69	-26.03	-28.69	-22.54	-21.46	-15.84	-5.05
74TH STREET_GT_2	44.43	40.43	38.65	38.48	39.13	46.00	75.29	103.20	98.86	88.82	66.64	63.05	62.79	62.79	61.97	62.89	69.23	97.23	76.19	69.69	61.72	58.40	52.42	45.34
24261	3.12	2.82	2.63	2.47	2.54	2.56	4.33	5.99	6.31	5.77	4.68	4.18	4.24	4.45	4.28	4.50	4.46	5.68	3.80	2.93	2.87	2.80	2.68	3.05
	-0.21	0.00	-0.50	-2.21	-2.30	-7.87	0.00	7.87	9.26	8.46	-1.91	-6.02	-5.57	-3.40	-4.79	-2.18	-9.03	-24.69	-26.03	-28.69	-22.54	-21.46	-15.84	-5.05
ADK HUDSON___FALLS	44.03	40.17	38.52	38.81	39.55	59.38	75.57	105.26	100.21	88.69	67.35	63.91	61.22	58.18	58.72	62.99	83.99	137.52	119.44	117.66	99.20	85.29	55.20	45.39
24011	2.67	2.56	2.38	2.26	2.40	2.63	4.61	6.73	6.11	4.21	3.96	3.33	3.07	3.02	2.96	3.32	3.62	4.21	3.01	2.36	2.22	1.98	1.80	1.94
	-0.26	0.00	-0.62	-2.74	-2.86	-21.18	0.00	6.55	7.70	7.03	-3.34	-7.72	-5.17	-0.21	-2.86	-3.46	-24.62	-66.45	-70.08	-77.23	-60.67	-49.16	-19.50	-6.21
ADK RESOURCE___RCVRY	44.19	40.32	38.66	38.95	39.72	59.66	76.00	101.30	95.53	84.13	66.31	63.07	60.59	57.35	57.94	62.24	84.19	138.06	119.93	118.08	99.53	85.43	55.02	45.40
23798	2.83	2.71	2.52	2.40	2.57	2.85	5.04	7.35	6.82	4.57	4.20	3.60	3.34	3.19	3.17	3.54	4.13	4.55	3.29	2.55	2.36	2.12	1.93	2.05
	-0.26	0.00	-0.62	-2.75	-2.86	-21.24	0.00	11.14	13.09	11.96	-2.06	-6.62	-4.27	0.78	-1.87	-2.48	-24.32	-66.65	-70.29	-77.46	-60.86	-49.17	-19.19	-6.11
ADK S GLENS___FALLS	44.03	40.17	38.52	38.81	39.55	59.38	75.57	105.26	100.21	88.69	67.35	63.91	61.22	58.18	58.72	62.99	83.99	137.52	119.44	117.66	99.20	85.29	55.20	45.39
24028	2.67	2.56	2.38	2.26	2.40	2.63	4.61	6.73	6.11	4.21	3.96	3.33	3.07	3.02	2.96	3.32	3.62	4.21	3.01	2.36	2.22	1.98	1.80	1.94
	-0.26	0.00	-0.62	-2.74	-2.86	-21.18	0.00	6.55	7.70	7.03	-3.34	-7.72	-5.17	-0.21	-2.86	-3.46	-24.62	-66.45	-70.08	-77.23	-60.67	-49.16	-19.50	-6.21
ADK_NYS___DAM	44.80	40.81	39.03	39.22	39.92	56.76	76.42	101.22	95.79	85.74	66.93	63.59	61.60	58.99	59.24	63.17	81.21	129.48	110.32	107.48	91.40	79.82	55.25	46.33
23527	3.45	3.20	2.91	2.77	2.88	3.06	5.46	7.57	7.43	6.50	5.10	4.49	4.45	4.56	4.39	4.72	4.79	5.75	3.99	3.31	3.16	2.94	2.88	3.20
	-0.25	0.00	-0.60	-2.64	-2.75	-18.13	0.00	11.43	13.44	12.28	-1.78	-6.24	-4.17	0.51	-1.96	-2.23	-20.67	-56.87	-59.98	-66.10	-51.93	-42.74	-18.47	-5.88
AIR_PRODUCTS___DRP	43.12	39.27	37.65	37.92	38.51	51.74	73.23	100.94	96.51	86.46	65.79	62.63	60.26	57.52	57.95	61.87	74.95	115.38	96.62	93.07	79.81	71.61	54.35	44.93
24190	1.77	1.65	1.53	1.45	1.44	1.49	2.27	2.52	2.54	2.10	2.58	2.33	2.28	2.36	2.27	2.36	2.17	2.47	1.72	1.48	1.45	1.37	1.46	1.64
	-0.25	0.00	-0.60	-2.67	-2.78	-14.68	0.00	6.67	7.84	7.16	-3.16	-7.44	-5.00	-0.21	-2.77	-3.30	-17.03	-46.04	-48.56	-53.51	-42.04	-36.10	-18.99	-6.05
AKWESSNE_115KV_BK	41.26	37.72	35.70	34.00	34.39	35.61	71.81	104.65	100.95	90.91	59.52	52.42	52.64	54.61	52.48	55.74	55.69	66.73	46.31	38.03	36.24	34.15	33.97	37.24
355683	0.16	0.11	0.18	0.20	0.10	0.04	0.85	1.16	1.02	1.10	-0.06	0.00	0.00	0.00	-0.05	-0.11	-0.06	-0.13	-0.05	-0.04	-0.07	0.00	0.07	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.59	1.87	1.70	0.47	0.44	0.34	0.34	0.36	0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	43.12	39.27	37.65	37.92	38.51	51.74	73.23	100.94	96.51	86.46	65.79	62.63	60.26	57.52	57.95	61.87	74.95	115.38	96.62	93.07	79.81	71.61	54.35	44.93
23571	1.77	1.65	1.53	1.45	1.44	1.49	2.27	2.52	2.54	2.10	2.58	2.33	2.28	2.36	2.27	2.36	2.17	2.47	1.72	1.48	1.45	1.37	1.46	1.64
	-0.25	0.00	-0.60	-2.67	-2.78	-14.68	0.00	6.67	7.84	7.16	-3.16	-7.44	-5.00	-0.21	-2.77	-3.30	-17.03	-46.04	-48.56	-53.51	-42.04	-36.10	-18.99	-6.05
ALBANY___2	43.12	39.27	37.65	37.92	38.51	51.74	73.23	100.94	96.51	86.46	65.79	62.63	60.26	57.52	57.95	61.87	74.95	115.38	96.62	93.07	79.81	71.61	54.35	44.93
23572	1.77	1.65	1.53	1.45	1.44	1.49	2.27	2.52	2.54	2.10	2.58	2.33	2.28	2.36	2.27	2.36	2.17	2.47	1.72	1.48	1.45	1.37	1.46	1.64
	-0.25	0.00	-0.60	-2.67	-2.78	-14.68	0.00	6.67	7.84	7.16	-3.16	-7.44	-5.00	-0.21	-2.77	-3.30	-17.03	-46.04	-48.56	-53.51	-42.04	-36.10	-18.99	-6.05
ALBANY___3	43.12	39.27	37.65	37.92	38.51	51.74	73.23	100.94	96.51	86.46	65.79	62.63	60.26	57.52	57.95	61.87	74.95	115.38	96.62	93.07	79.81	71.61	54.35	44.93
23573	1.77	1.65	1.53	1.45	1.44	1.49	2.27	2.52	2.54	2.10	2.58	2.33	2.28	2.36	2.27	2.36	2.17	2.47	1.72	1.48	1.45	1.37	1.46	1.64
	-0.25	0.00	-0.60	-2.67	-2.78	-14.68	0.00	6.67	7.84	7.16	-3.16	-7.44	-5.00	-0.21	-2.77	-3.30	-17.03	-46.04	-48.56	-53.51	-42.04	-36.10	-18.99	-6.05

ALBANY___4 23574	43.12 1.77 -0.25	39.27 1.65 0.00	37.65 1.53 -0.60	37.92 1.45 -2.67	38.51 1.44 -2.78	51.74 1.49 -14.68	73.23 2.27 0.00	100.94 2.52 6.67	96.51 2.54 7.84	86.46 2.10 7.16	65.79 2.58 -3.16	62.63 2.33 -7.44	60.26 2.28 -5.00	57.52 2.36 -0.21	57.95 2.27 -2.77	61.87 2.36 -3.30	74.95 2.17 -17.03	115.38 2.47 -46.04	96.62 1.72 -48.56	93.07 1.48 -53.51	79.81 1.45 -42.04	71.61 1.37 -36.10	54.35 1.46 -18.99	44.93 1.64 -6.05
ALBANY___LFGE 323615	43.37 2.01 -0.26	39.53 1.92 0.00	37.90 1.78 -0.61	38.15 1.66 -2.69	38.77 1.68 -2.80	53.90 1.78 -16.55	73.80 2.84 0.00	97.36 3.57 11.29	91.99 3.46 13.27	82.31 2.93 12.13	65.02 3.06 -1.91	62.00 2.75 -6.40	59.82 2.70 -4.14	56.96 2.80 0.79	57.39 2.70 -1.79	61.38 2.81 -2.35	77.36 2.79 -18.83	121.86 3.08 -51.92	103.24 2.13 -54.75	100.20 1.79 -60.34	85.50 1.78 -47.41	75.49 1.61 -39.74	54.41 1.69 -18.81	45.10 1.86 -5.99
ALCOA_PA_115KV_PL-6C 55860	41.51 0.41 0.00	37.99 0.38 0.00	35.95 0.43 0.00	34.21 0.41 0.00	34.60 0.31 0.00	35.79 0.21 0.00	72.38 1.42 0.00	105.04 2.00 2.04	101.13 1.73 2.40	91.06 1.74 2.19	59.68 0.24 0.61	52.56 0.26 0.57	52.81 0.26 0.44	54.78 0.27 0.44	52.64 0.21 0.46	55.97 0.22 0.47	55.97 0.22 0.00	67.06 0.20 0.00	46.54 0.19 0.00	38.22 0.15 0.00	36.42 0.11 0.00	34.47 0.20 -0.12	34.49 0.27 -0.32	37.57 0.22 -0.10
ALCOA_RYNLDS___DRP 24188	41.51 0.41 0.00	37.99 0.38 0.00	35.95 0.43 0.00	34.21 0.41 0.00	34.60 0.31 0.00	35.79 0.21 0.00	72.38 1.42 0.00	105.04 2.00 2.04	101.13 1.73 2.40	91.06 1.74 2.19	59.68 0.24 0.61	52.56 0.26 0.57	52.81 0.26 0.44	54.78 0.27 0.44	52.64 0.21 0.46	55.97 0.22 0.47	55.97 0.22 0.00	67.06 0.20 0.00	46.54 0.19 0.00	38.22 0.15 0.00	36.42 0.11 0.00	34.47 0.20 -0.12	34.49 0.27 -0.32	37.57 0.22 -0.10
ALCOA___DSASP 323711	41.51 0.41 0.00	37.99 0.38 0.00	35.95 0.43 0.00	34.21 0.41 0.00	34.59 0.31 0.00	35.79 0.21 0.00	72.38 1.42 0.00	103.69 1.99 3.38	99.55 1.73 3.98	89.61 1.73 3.63	59.43 0.30 0.92	52.34 0.27 0.78	52.61 0.27 0.64	54.49 0.28 0.73	52.39 0.21 0.72	55.74 0.23 0.70	55.86 0.11 0.00	67.06 0.20 0.00	46.54 0.19 0.00	38.22 0.15 0.00	36.42 0.11 0.00	34.35 0.21 0.00	34.07 0.17 0.00	37.47 0.22 0.00
ALLEGHENY___COGEN 23514	41.69 0.53 -0.06	38.32 0.71 0.00	35.91 0.25 -0.14	34.42 0.00 -0.62	35.21 0.27 -0.65	38.41 0.57 -2.27	68.62 -2.34 0.00	59.34 -2.52 43.22	48.46 -2.54 50.80	42.54 -2.56 46.41	46.24 -2.40 11.41	41.26 -2.22 9.38	42.53 -2.49 7.97	42.63 -2.58 9.74	41.13 -2.43 9.33	45.46 -2.19 8.56	54.39 -1.62 -0.26	73.30 -0.67 -7.11	53.57 -0.28 -7.50	45.84 -0.50 -8.26	43.64 0.84 -6.49	40.45 0.27 -6.03	38.49 0.30 -4.29	38.94 0.33 -1.37
ALTAMONT_115KV_TB 2 55880	43.08 1.73 -0.25	39.23 1.62 0.00	37.61 1.49 -0.60	37.85 1.39 -2.67	38.51 1.44 -2.78	50.37 1.49 -13.30	73.37 2.41 0.00	101.36 2.94 6.66	96.82 2.85 7.83	86.83 2.47 7.15	65.73 2.52 -3.16	62.51 2.22 -7.43	60.19 2.23 -4.98	57.38 2.25 -0.18	57.81 2.17 -2.75	61.81 2.30 -3.29	73.40 2.23 -15.42	111.20 2.61 -41.74	92.17 1.81 -44.01	88.10 1.52 -48.51	75.91 1.49 -38.11	68.92 1.40 -33.38	54.27 1.39 -18.98	44.85 1.56 -6.05
ALTONA_WT_PWR 323606	42.58 1.48 0.00	39.04 1.43 0.00	36.98 1.46 0.00	34.81 1.01 0.00	35.28 0.99 0.00	36.60 1.03 0.00	73.72 2.76 0.00	104.85 2.63 2.86	100.58 2.14 3.37	91.45 3.02 3.08	60.77 1.50 0.78	53.46 1.27 0.66	53.56 1.11 0.54	55.49 1.16 0.62	53.13 0.84 0.61	56.75 1.12 0.59	56.75 1.00 0.00	68.27 1.41 0.00	47.51 1.16 0.00	39.06 0.99 0.00	37.08 0.76 0.00	34.90 0.75 0.00	34.44 0.54 0.00	38.33 1.08 0.00
AMERICAN_REF_FUEL 24010	37.58 -3.58 -0.05	34.72 -2.90 0.00	32.38 -3.27 -0.13	31.06 -3.31 -0.57	31.87 -3.02 -0.60	34.72 -2.92 -2.07	62.02 -8.94 0.00	47.17 -12.40 45.51	36.29 -12.01 53.49	31.93 -10.71 48.88	40.35 -7.45 12.26	36.11 -6.45 10.30	37.31 -7.05 8.63	37.49 -7.25 10.21	35.78 -7.19 9.93	39.49 -7.48 9.24	47.80 -7.64 0.31	64.99 -8.36 -6.49	47.68 -5.52 -6.85	40.85 -4.76 -7.55	38.14 -4.10 -5.93	35.38 -4.17 -5.40	34.46 -3.42 -3.99	35.24 -3.28 -1.27
ARKWRIGHT___SUMMIT_WT_PWR 323751	39.64 -1.52 -0.06	36.86 -0.75 0.00	33.67 -1.99 -0.14	32.28 -2.13 -0.61	32.97 -1.95 -0.63	36.47 -1.32 -2.21	65.78 -5.18 0.00	52.12 -8.51 44.45	41.10 -8.45 52.25	35.81 -7.96 47.74	42.90 -5.28 11.86	38.45 -4.55 9.87	39.52 -5.14 8.32	39.68 -5.28 10.00	38.11 -5.13 9.66	42.23 -5.06 8.93	51.00 -4.74 0.01	69.92 -3.88 -6.94	51.17 -2.50 -7.32	43.85 -2.28 -8.07	40.76 -1.89 -6.34	37.32 -2.63 -5.80	36.10 -2.03 -4.24	36.70 -1.90 -1.35
ARTHUR_KILL_GT_1 23520	44.48 3.16 -0.22	40.44 2.82 -0.01	38.66 2.63 -0.51	38.49 2.47 -2.22	39.14 2.54 -2.31	45.72 2.28 -7.87	74.00 3.05 0.01	95.67 3.99 13.41	90.42 4.37 15.76	81.24 4.12 14.40	64.13 3.72 -0.36	60.86 3.33 -4.67	60.96 3.50 -4.48	60.72 3.57 -2.20	59.92 3.44 -3.59	60.87 3.65 -1.00	67.93 3.62 -8.56	96.22 4.68 -24.68	75.48 3.11 -26.03	69.19 2.44 -28.68	61.20 2.36 -22.53	57.80 2.35 -21.30	51.71 2.37 -15.43	45.15 2.98 -4.93
ARTHUR_KILL_2 23512	44.36 3.04 -0.22	40.33 2.71 -0.01	38.55 2.52 -0.51	38.38 2.37 -2.22	39.03 2.43 -2.31	45.61 2.17 -7.87	73.79 2.84 0.01	95.35 3.68 13.41	90.12 4.08 15.76	80.96 3.84 14.40	63.95 3.54 -0.36	60.76 3.22 -4.67	60.81 3.34 -4.48	60.56 3.41 -2.20	59.77 3.28 -3.59	60.70 3.49 -1.00	67.77 3.46 -8.56	96.02 4.48 -24.68	75.35 2.97 -26.03	69.07 2.32 -28.68	61.06 2.22 -22.53	57.70 2.25 -21.30	51.61 2.27 -15.43	45.04 2.87 -4.93
ARTHUR_KILL_3 23513	44.02 2.71 -0.21	40.02 2.41 0.00	38.30 2.28 -0.50	38.14 2.13 -2.21	38.79 2.20 -2.30	45.65 2.21 -7.87	74.43 3.48 0.00	96.52 4.84 13.40	91.14 5.09 15.75	81.79 4.66 14.39	64.38 3.96 -0.37	61.08 3.54 -4.68	61.08 3.60 -4.49	60.90 3.74 -2.22	60.10 3.60 -3.60	61.05 3.82 -1.01	68.22 3.90 -8.57	96.42 4.88 -24.69	75.63 3.24 -26.03	69.35 2.59 -28.69	61.29 2.43 -22.54	57.88 2.42 -21.31	51.65 2.31 -15.44	44.85 2.68 -4.92
ARTHUR_KILL_COGEN 323718	44.48 3.16 -0.22	40.44 2.82 -0.01	38.66 2.63 -0.51	38.49 2.47 -2.22	39.14 2.54 -2.31	45.72 2.28 -7.87	74.00 3.05 0.01	95.67 3.99 13.41	90.42 4.37 15.76	81.24 4.12 14.40	64.13 3.72 -0.36	60.86 3.33 -4.67	60.96 3.50 -4.48	60.72 3.57 -2.20	59.92 3.44 -3.59	60.87 3.65 -1.00	67.93 3.62 -8.56	96.22 4.68 -24.68	75.48 3.11 -26.03	69.19 2.44 -28.68	61.20 2.36 -22.53	57.80 2.35 -21.30	51.71 2.37 -15.43	45.15 2.98 -4.93
ASHOKAN____ 23654	44.82 3.49 -0.23	40.88 3.27 0.00	39.06 2.98 -0.55	39.11 2.87 -2.44	39.74 2.91 -2.54	47.77 1.35 -10.85	76.50 5.54 0.00	99.13 6.41 12.37	92.96 5.70 14.54	82.81 4.57 13.28	63.75 2.58 -1.12	62.50 4.49 -5.15	60.41 4.50 -2.92	57.68 4.67 1.93	58.09 4.66 -0.54	61.82 3.93 -1.67	72.05 4.18 -12.12	103.70 2.81 -34.03	84.05 1.81 -35.89	79.03 1.41 -39.55	68.69 1.31 -31.08	63.03 1.06 -27.82	53.37 2.37 -17.10	45.41 2.72 -5.45

ASTORIA_EAST_ENERGY_CC1 323581	44.40 3.08 -0.22	40.40 2.78 -0.01	38.66 2.63 -0.51	38.52 2.50 -2.22	39.10 2.50 -2.31	45.86 2.42 -7.87	74.22 3.27 0.01	95.89 4.21 13.40	90.83 4.79 15.76	81.60 4.48 14.40	64.37 3.96 -0.36	61.07 3.54 -4.67	61.12 3.65 -4.48	60.94 3.79 -2.20	60.13 3.65 -3.59	61.04 3.82 -1.00	68.15 3.84 -8.56	96.42 4.88 -24.68	75.57 3.20 -26.03	69.30 2.55 -28.68	61.28 2.43 -22.53	57.88 2.42 -21.31	51.99 2.65 -15.44	45.23 3.05 -4.93
ASTORIA_EAST_ENERGY_CC2 323582	44.40 3.08 -0.22	40.40 2.78 -0.01	38.66 2.63 -0.51	38.52 2.50 -2.22	39.10 2.50 -2.31	45.86 2.42 -7.87	74.22 3.27 0.01	95.89 4.21 13.40	90.83 4.79 15.76	81.60 4.48 14.40	64.37 3.96 -0.36	61.07 3.54 -4.67	61.12 3.65 -4.48	60.94 3.79 -2.20	60.13 3.65 -3.59	61.04 3.82 -1.00	68.15 3.84 -8.56	96.42 4.88 -24.68	75.57 3.20 -26.03	69.30 2.55 -28.68	61.28 2.43 -22.53	57.88 2.42 -21.31	51.99 2.65 -15.44	45.23 3.05 -4.93
ASTORIA_GT2_1 24094	44.40 3.08 -0.22	40.44 2.82 -0.01	38.66 2.63 -0.51	38.52 2.50 -2.22	39.14 2.54 -2.31	45.86 2.42 -7.87	74.22 3.26 0.00	101.41 4.20 7.87	97.43 4.89 9.26	87.54 4.48 8.46	65.92 3.96 -1.91	62.42 3.54 -6.02	62.21 3.66 -5.57	62.19 3.85 -3.40	61.39 3.70 -4.79	62.16 3.77 -2.18	68.56 3.79 -9.03	96.43 4.88 -24.69	75.58 3.20 -26.03	69.20 2.44 -28.69	61.29 2.43 -22.54	58.03 2.42 -21.46	52.42 2.68 -15.84	45.35 3.05 -5.05
ASTORIA_GT2_2 24095	44.40 3.08 -0.22	40.44 2.82 -0.01	38.66 2.63 -0.51	38.52 2.50 -2.22	39.14 2.54 -2.31	45.86 2.42 -7.87	74.22 3.26 0.00	101.41 4.20 7.87	97.43 4.89 9.26	87.54 4.48 8.46	65.92 3.96 -1.91	62.42 3.54 -6.02	62.21 3.66 -5.57	62.19 3.85 -3.40	61.39 3.70 -4.79	62.16 3.77 -2.18	68.56 3.79 -9.03	96.43 4.88 -24.69	75.58 3.20 -26.03	69.20 2.44 -28.69	61.29 2.43 -22.54	58.03 2.42 -21.46	52.42 2.68 -15.84	45.35 3.05 -5.05
ASTORIA_GT2_3 24096	44.40 3.08 -0.22	40.44 2.82 -0.01	38.66 2.63 -0.51	38.52 2.50 -2.22	39.14 2.54 -2.31	45.86 2.42 -7.87	74.22 3.26 0.00	101.41 4.20 7.87	97.43 4.89 9.26	87.54 4.48 8.46	65.92 3.96 -1.91	62.42 3.54 -6.02	62.21 3.66 -5.57	62.19 3.85 -3.40	61.39 3.70 -4.79	62.16 3.77 -2.18	68.56 3.79 -9.03	96.43 4.88 -24.69	75.58 3.20 -26.03	69.20 2.44 -28.69	61.29 2.43 -22.54	58.03 2.42 -21.46	52.42 2.68 -15.84	45.35 3.05 -5.05
ASTORIA_GT2_4 24097	44.40 3.08 -0.22	40.44 2.82 -0.01	38.66 2.63 -0.51	38.52 2.50 -2.22	39.14 2.54 -2.31	45.86 2.42 -7.87	74.22 3.26 0.00	101.41 4.20 7.87	97.43 4.89 9.26	87.54 4.48 8.46	65.92 3.96 -1.91	62.42 3.54 -6.02	62.21 3.66 -5.57	62.19 3.85 -3.40	61.39 3.70 -4.79	62.16 3.77 -2.18	68.56 3.79 -9.03	96.43 4.88 -24.69	75.58 3.20 -26.03	69.20 2.44 -28.69	61.29 2.43 -22.54	58.03 2.42 -21.46	52.42 2.68 -15.84	45.35 3.05 -5.05
ASTORIA_GT3_1 24098	44.40 3.08 -0.22	40.44 2.82 -0.01	38.66 2.63 -0.51	38.52 2.50 -2.22	39.14 2.54 -2.31	45.86 2.42 -7.87	74.22 3.26 0.00	101.41 4.20 7.87	97.43 4.89 9.26	87.54 4.48 8.46	65.92 3.96 -1.91	62.42 3.54 -6.02	62.21 3.66 -5.57	62.19 3.85 -3.40	61.39 3.70 -4.79	62.16 3.77 -2.18	68.56 3.79 -9.03	96.43 4.88 -24.69	75.58 3.20 -26.03	69.20 2.44 -28.69	61.29 2.43 -22.54	58.03 2.42 -21.46	52.42 2.68 -15.84	45.35 3.05 -5.05
ASTORIA_GT3_2 24099	44.40 3.08 -0.22	40.44 2.82 -0.01	38.66 2.63 -0.51	38.52 2.50 -2.22	39.14 2.54 -2.31	45.86 2.42 -7.87	74.22 3.26 0.00	101.41 4.20 7.87	97.43 4.89 9.26	87.54 4.48 8.46	65.92 3.96 -1.91	62.42 3.54 -6.02	62.21 3.66 -5.57	62.19 3.85 -3.40	61.39 3.70 -4.79	62.16 3.77 -2.18	68.56 3.79 -9.03	96.43 4.88 -24.69	75.58 3.20 -26.03	69.20 2.44 -28.69	61.29 2.43 -22.54	58.03 2.42 -21.46	52.42 2.68 -15.84	45.35 3.05 -5.05
ASTORIA_GT3_3 24100	44.40 3.08 -0.22	40.44 2.82 -0.01	38.66 2.63 -0.51	38.52 2.50 -2.22	39.14 2.54 -2.31	45.86 2.42 -7.87	74.22 3.26 0.00	101.41 4.20 7.87	97.43 4.89 9.26	87.54 4.48 8.46	65.92 3.96 -1.91	62.42 3.54 -6.02	62.21 3.66 -5.57	62.19 3.85 -3.40	61.39 3.70 -4.79	62.16 3.77 -2.18	68.56 3.79 -9.03	96.43 4.88 -24.69	75.58 3.20 -26.03	69.20 2.44 -28.69	61.29 2.43 -22.54	58.03 2.42 -21.46	52.42 2.68 -15.84	45.35 3.05 -5.05
ASTORIA_GT3_4 24101	44.40 3.08 -0.22	40.44 2.82 -0.01	38.66 2.63 -0.51	38.52 2.50 -2.22	39.14 2.54 -2.31	45.86 2.42 -7.87	74.22 3.26 0.00	101.41 4.20 7.87	97.43 4.89 9.26	87.54 4.48 8.46	65.92 3.96 -1.91	62.42 3.54 -6.02	62.21 3.66 -5.57	62.19 3.85 -3.40	61.39 3.70 -4.79	62.16 3.77 -2.18	68.56 3.79 -9.03	96.43 4.88 -24.69	75.58 3.20 -26.03	69.20 2.44 -28.69	61.29 2.43 -22.54	58.03 2.42 -21.46	52.42 2.68 -15.84	45.35 3.05 -5.05
ASTORIA_GT4_1 24102	44.40 3.08 -0.22	40.44 2.82 -0.01	38.66 2.63 -0.51	38.52 2.50 -2.22	39.14 2.54 -2.31	45.86 2.42 -7.87	74.22 3.26 0.00	101.41 4.20 7.87	97.43 4.89 9.26	87.54 4.48 8.46	65.92 3.96 -1.91	62.42 3.54 -6.02	62.21 3.66 -5.57	62.19 3.85 -3.40	61.39 3.70 -4.79	62.16 3.77 -2.18	68.56 3.79 -9.03	96.43 4.88 -24.69	75.58 3.20 -26.03	69.20 2.44 -28.69	61.29 2.43 -22.54	58.03 2.42 -21.46	52.42 2.68 -15.84	45.35 3.05 -5.05
ASTORIA_GT4_2 24103	44.40 3.08 -0.22	40.44 2.82 -0.01	38.66 2.63 -0.51	38.52 2.50 -2.22	39.14 2.54 -2.31	45.86 2.42 -7.87	74.22 3.26 0.00	101.41 4.20 7.87	97.43 4.89 9.26	87.54 4.48 8.46	65.92 3.96 -1.91	62.42 3.54 -6.02	62.21 3.66 -5.57	62.19 3.85 -3.40	61.39 3.70 -4.79	62.16 3.77 -2.18	68.56 3.79 -9.03	96.43 4.88 -24.69	75.58 3.20 -26.03	69.20 2.44 -28.69	61.29 2.43 -22.54	58.03 2.42 -21.46	52.42 2.68 -15.84	45.35 3.05 -5.05
ASTORIA_GT4_3 24104	44.40 3.08 -0.22	40.44 2.82 -0.01	38.66 2.63 -0.51	38.52 2.50 -2.22	39.14 2.54 -2.31	45.86 2.42 -7.87	74.22 3.26 0.00	101.41 4.20 7.87	97.43 4.89 9.26	87.54 4.48 8.46	65.92 3.96 -1.91	62.42 3.54 -6.02	62.21 3.66 -5.57	62.19 3.85 -3.40	61.39 3.70 -4.79	62.16 3.77 -2.18	68.56 3.79 -9.03	96.43 4.88 -24.69	75.58 3.20 -26.03	69.20 2.44 -28.69	61.29 2.43 -22.54	58.03 2.42 -21.46	52.42 2.68 -15.84	45.35 3.05 -5.05
ASTORIA_GT4_4 24105	44.40 3.08 -0.22	40.44 2.82 -0.01	38.66 2.63 -0.51	38.52 2.50 -2.22	39.14 2.54 -2.31	45.86 2.42 -7.87	74.22 3.26 0.00	101.41 4.20 7.87	97.43 4.89 9.26	87.54 4.48 8.46	65.92 3.96 -1.91	62.42 3.54 -6.02	62.21 3.66 -5.57	62.19 3.85 -3.40	61.39 3.70 -4.79	62.16 3.77 -2.18	68.56 3.79 -9.03	96.43 4.88 -24.69	75.58 3.20 -26.03	69.20 2.44 -28.69	61.29 2.43 -22.54	58.03 2.42 -21.46	52.42 2.68 -15.84	45.35 3.05 -5.05
ASTORIA_GT_1 23523	44.48 3.16 -0.22	40.48 2.86 -0.01	38.73 2.70 -0.51	38.56 2.54 -2.22	39.17 2.57 -2.31	45.93 2.49 -7.87	74.36 3.41 0.01	96.10 4.41 13.40	91.13 5.09 15.76	81.78 4.66 14.40	64.50 4.09 -0.36	61.18 3.64 -4.67	61.23 3.76 -4.48	61.05 3.90 -2.20	60.24 3.76 -3.59	61.21 3.99 -1.00	68.33 4.02 -8.56	96.56 5.02 -24.68	75.72 3.34 -26.03	69.38 2.62 -28.68	61.35 2.50 -22.53	57.95 2.49 -21.31	52.06 2.71 -15.44	45.30 3.13 -4.93

ASTORIA_GT_10 24110	44.48 3.16 -0.22	40.48 2.86 -0.01	38.69 2.66 -0.51	38.52 2.50 -2.22	39.17 2.57 -2.31	45.97 2.53 -7.87	74.72 3.76 0.00	102.25 5.04 7.87	97.94 5.40 9.26	88.00 4.94 8.46	66.22 4.26 -1.91	62.68 3.81 -6.02	62.47 3.92 -5.57	62.41 4.07 -3.40	61.60 3.91 -4.79	62.50 4.10 -2.18	68.79 4.01 -9.03	96.69 5.15 -24.69	75.77 3.38 -26.03	69.35 2.59 -28.69	61.43 2.58 -22.54	58.20 2.60 -21.46	52.38 2.64 -15.84	45.39 3.09 -5.05
ASTORIA_GT_11 24225	44.48 3.16 -0.22	40.48 2.86 -0.01	38.69 2.66 -0.51	38.52 2.50 -2.22	39.17 2.57 -2.31	45.97 2.53 -7.87	74.72 3.76 0.00	102.25 5.04 7.87	97.94 5.40 9.26	88.00 4.94 8.46	66.22 4.26 -1.91	62.68 3.81 -6.02	62.47 3.92 -5.57	62.41 4.07 -3.40	61.60 3.91 -4.79	62.50 4.10 -2.18	68.79 4.01 -9.03	96.69 5.15 -24.69	75.77 3.38 -26.03	69.35 2.59 -28.69	61.43 2.58 -22.54	58.20 2.60 -21.46	52.38 2.64 -15.84	45.39 3.09 -5.05
ASTORIA_GT_12 24226	44.48 3.16 -0.22	40.48 2.86 -0.01	38.69 2.66 -0.51	38.52 2.50 -2.22	39.17 2.57 -2.31	45.97 2.53 -7.87	74.72 3.76 0.00	102.25 5.04 7.87	97.94 5.40 9.26	88.00 4.94 8.46	66.22 4.26 -1.91	62.68 3.81 -6.02	62.47 3.92 -5.57	62.41 4.07 -3.40	61.60 3.91 -4.79	62.50 4.10 -2.18	68.79 4.01 -9.03	96.69 5.15 -24.69	75.77 3.38 -26.03	69.35 2.59 -28.69	61.43 2.58 -22.54	58.20 2.60 -21.46	52.38 2.64 -15.84	45.39 3.09 -5.05
ASTORIA_GT_13 24227	44.48 3.16 -0.22	40.48 2.86 -0.01	38.69 2.66 -0.51	38.52 2.50 -2.22	39.17 2.57 -2.31	45.97 2.53 -7.87	74.72 3.76 0.00	102.25 5.04 7.87	97.94 5.40 9.26	88.00 4.94 8.46	66.22 4.26 -1.91	62.68 3.81 -6.02	62.47 3.92 -5.57	62.41 4.07 -3.40	61.60 3.91 -4.79	62.50 4.10 -2.18	68.79 4.01 -9.03	96.69 5.15 -24.69	75.77 3.38 -26.03	69.35 2.59 -28.69	61.43 2.58 -22.54	58.20 2.60 -21.46	52.38 2.64 -15.84	45.39 3.09 -5.05
ASTORIA_GT_5 24106	44.48 3.16 -0.22	40.48 2.86 -0.01	38.73 2.70 -0.51	38.56 2.54 -2.22	39.17 2.57 -2.31	45.93 2.49 -7.87	74.36 3.41 0.01	96.10 4.41 13.40	91.13 5.09 15.76	81.78 4.66 14.40	64.50 4.09 -0.36	61.18 3.64 -4.67	61.23 3.76 -4.48	61.05 3.90 -2.20	60.24 3.76 -3.59	61.21 3.99 -1.00	68.33 4.02 -8.56	96.56 5.02 -24.68	75.72 3.34 -26.03	69.38 2.62 -28.68	61.35 2.50 -22.53	57.95 2.49 -21.31	52.06 2.71 -15.44	45.30 3.13 -4.93
ASTORIA_GT_7 24107	44.48 3.16 -0.22	40.48 2.86 -0.01	38.73 2.70 -0.51	38.56 2.54 -2.22	39.17 2.57 -2.31	45.93 2.49 -7.87	74.36 3.41 0.01	96.10 4.41 13.40	91.13 5.09 15.76	81.78 4.66 14.40	64.50 4.09 -0.36	61.18 3.64 -4.67	61.23 3.76 -4.48	61.05 3.90 -2.20	60.24 3.76 -3.59	61.21 3.99 -1.00	68.33 4.02 -8.56	96.56 5.02 -24.68	75.72 3.34 -26.03	69.38 2.62 -28.68	61.35 2.50 -22.53	57.95 2.49 -21.31	52.06 2.71 -15.44	45.30 3.13 -4.93
ASTORIA_GT_8 24108	44.48 3.16 -0.22	40.48 2.86 -0.01	38.73 2.70 -0.51	38.55 2.53 -2.22	39.17 2.57 -2.31	45.93 2.49 -7.87	74.36 3.41 0.00	101.62 4.41 7.87	97.63 5.09 9.26	87.73 4.67 8.46	66.04 4.08 -1.91	62.53 3.65 -6.02	62.32 3.76 -5.57	62.30 3.96 -3.40	61.50 3.81 -4.79	62.28 3.88 -2.18	68.68 3.90 -9.03	96.56 5.01 -24.69	75.68 3.29 -26.03	69.27 2.51 -28.69	61.36 2.51 -22.54	58.10 2.49 -21.46	52.49 2.75 -15.84	45.43 3.13 -5.05
ASTORIA___2 24149	44.40 3.08 -0.22	40.44 2.82 -0.01	38.66 2.63 -0.51	38.52 2.50 -2.22	39.14 2.54 -2.31	45.86 2.42 -7.87	74.22 3.27 0.01	95.89 4.21 13.40	90.93 4.89 15.76	81.60 4.48 14.40	64.37 3.96 -0.36	61.07 3.54 -4.67	61.12 3.65 -4.48	60.94 3.79 -2.20	60.13 3.65 -3.59	61.09 3.88 -1.00	68.21 3.90 -8.56	96.42 4.88 -24.68	75.62 3.24 -26.03	69.30 2.55 -28.68	61.28 2.43 -22.53	57.88 2.42 -21.31	51.99 2.65 -15.44	45.26 3.09 -4.93
ASTORIA___3 23516	44.48 3.16 -0.22	40.48 2.86 -0.01	38.69 2.67 -0.51	38.52 2.50 -2.22	39.17 2.57 -2.31	45.97 2.53 -7.87	74.72 3.76 0.00	96.73 5.04 13.40	91.44 5.39 15.75	82.06 4.94 14.39	64.68 4.26 -0.37	61.35 3.81 -4.68	61.39 3.92 -4.49	61.22 4.07 -2.21	60.41 3.91 -3.60	61.33 4.10 -1.01	68.38 4.07 -8.57	96.70 5.15 -24.69	75.82 3.43 -26.03	69.50 2.74 -28.69	61.43 2.58 -22.54	58.05 2.59 -21.31	51.99 2.65 -15.44	45.26 3.09 -4.93
ASTORIA___4 23517	44.48 3.16 -0.22	40.48 2.86 -0.01	38.69 2.66 -0.51	38.52 2.50 -2.22	39.17 2.57 -2.31	45.97 2.53 -7.87	74.72 3.76 0.00	102.25 5.04 7.87	97.94 5.40 9.26	88.00 4.94 8.46	66.22 4.26 -1.91	62.68 3.81 -6.02	62.47 3.92 -5.57	62.41 4.07 -3.40	61.60 3.91 -4.79	62.50 4.10 -2.18	68.79 4.01 -9.03	96.69 5.15 -24.69	75.77 3.38 -26.03	69.35 2.59 -28.69	61.43 2.58 -22.54	58.20 2.60 -21.46	52.38 2.64 -15.84	45.39 3.09 -5.05
ASTORIA___5 23518	44.48 3.16 -0.22	40.48 2.86 -0.01	38.69 2.67 -0.51	38.52 2.50 -2.22	39.17 2.57 -2.31	45.97 2.53 -7.87	74.72 3.76 0.00	96.73 5.04 13.40	91.44 5.39 15.75	82.06 4.94 14.39	64.68 4.26 -0.37	61.35 3.81 -4.68	61.39 3.92 -4.49	61.22 4.07 -2.21	60.41 3.91 -3.60	61.33 4.10 -1.01	68.38 4.07 -8.57	96.70 5.15 -24.69	75.82 3.43 -26.03	69.50 2.74 -28.69	61.43 2.58 -22.54	58.05 2.59 -21.31	51.99 2.65 -15.44	45.26 3.09 -4.93
AST_ENERGY_2_CC3 323677	44.14 2.83 -0.21	40.17 2.56 0.00	38.44 2.42 -0.50	38.28 2.26 -2.21	38.89 2.30 -2.30	45.75 2.31 -7.87	74.79 3.83 0.00	96.83 5.15 13.40	91.54 5.49 15.75	82.15 5.03 14.39	64.62 4.20 -0.37	61.24 3.70 -4.68	61.29 3.82 -4.49	61.12 3.96 -2.22	60.31 3.81 -3.60	61.22 3.99 -1.01	68.38 4.07 -8.57	96.62 5.08 -24.69	75.81 3.43 -26.03	69.46 2.70 -28.69	61.43 2.58 -22.54	57.98 2.53 -21.31	51.79 2.44 -15.44	44.99 2.83 -4.92
AST_ENERGY_2_CC4 323678	44.14 2.83 -0.21	40.17 2.56 0.00	38.44 2.42 -0.50	38.28 2.26 -2.21	38.89 2.30 -2.30	45.75 2.31 -7.87	74.79 3.83 0.00	96.83 5.15 13.40	91.54 5.49 15.75	82.15 5.03 14.39	64.62 4.20 -0.37	61.24 3.70 -4.68	61.29 3.82 -4.49	61.12 3.96 -2.22	60.31 3.81 -3.60	61.22 3.99 -1.01	68.38 4.07 -8.57	96.62 5.08 -24.69	75.81 3.43 -26.03	69.46 2.70 -28.69	61.43 2.58 -22.54	57.98 2.53 -21.31	51.79 2.44 -15.44	44.99 2.83 -4.92
ATHENS_STG_1 23668	43.22 1.89 -0.23	39.34 1.73 0.00	37.67 1.60 -0.55	37.76 1.52 -2.44	38.37 1.54 -2.54	45.31 1.64 -8.10	73.59 2.63 0.00	95.44 3.15 12.79	90.02 3.26 15.03	80.62 2.84 13.74	63.80 2.76 -0.98	60.49 2.43 -5.20	58.94 2.44 -3.51	56.79 2.53 0.69	56.91 2.49 -1.52	60.42 2.64 -1.56	67.20 2.57 -8.89	95.29 3.01 -25.42	75.25 2.09 -26.81	69.36 1.75 -29.54	61.19 1.67 -23.21	58.08 1.57 -22.36	52.53 1.59 -17.04	44.42 1.75 -5.43
ATHENS_STG_2 23670	43.22 1.89 -0.23	39.34 1.73 0.00	37.67 1.60 -0.55	37.76 1.52 -2.44	38.37 1.54 -2.54	45.31 1.64 -8.10	73.59 2.63 0.00	95.44 3.15 12.79	90.02 3.26 15.03	80.62 2.84 13.74	63.80 2.76 -0.98	60.49 2.43 -5.20	58.94 2.44 -3.51	56.79 2.53 0.69	56.91 2.49 -1.52	60.42 2.64 -1.56	67.20 2.57 -8.89	95.29 3.01 -25.42	75.25 2.09 -26.81	69.36 1.75 -29.54	61.19 1.67 -23.21	58.08 1.57 -22.36	52.53 1.59 -17.04	44.42 1.75 -5.43

ATHENS_STG_3 23677	43.22 1.89 -0.23	39.34 1.73 0.00	37.67 1.60 -0.55	37.76 1.52 -2.44	38.37 1.54 -2.54	45.31 1.64 -8.10	73.59 2.63 0.00	95.44 3.15 12.79	90.02 3.26 15.03	80.62 2.84 13.74	63.80 2.76 -0.98	60.49 2.43 -5.20	58.94 2.44 -3.51	56.79 2.53 0.69	56.91 2.49 -1.52	60.42 2.64 -1.56	67.20 2.57 -8.89	95.29 3.01 -25.42	75.25 2.09 -26.81	69.36 1.75 -29.54	61.19 1.67 -23.21	58.08 1.57 -22.36	52.53 1.59 -17.04	44.42 1.75 -5.43
AUBURN____LFG 323710	40.90 -0.25 -0.05	37.42 -0.19 0.00	35.32 -0.32 -0.12	33.97 -0.34 -0.51	34.65 -0.17 -0.53	37.38 -0.04 -1.85	70.25 -0.71 0.00	77.97 -0.95 26.16	70.13 -0.92 30.75	62.50 -0.92 28.10	52.68 -0.54 6.83	46.82 -0.48 5.56	47.81 -0.37 4.80	48.50 -0.44 6.01	46.78 -0.42 5.70	50.71 -0.39 5.11	57.58 -0.28 -2.12	73.06 0.40 -5.80	52.84 0.37 -6.11	45.07 0.27 -6.74	41.82 0.22 -5.29	39.64 0.03 -5.46	38.55 -0.20 -4.85	38.60 -0.19 -1.55
BABYLON_RES_REC 323704	45.60 4.27 -0.22	41.57 3.95 -0.01	39.69 3.66 -0.51	39.47 3.45 -2.22	40.13 3.53 -2.31	58.76 3.70 -19.49	86.49 6.88 -8.66	101.36 9.66 13.39	95.74 9.68 15.74	94.95 8.51 5.07	74.42 6.55 -7.83	69.48 5.76 -10.85	69.43 5.83 -10.62	67.51 6.04 -6.52	65.74 5.92 -6.91	71.96 6.35 -9.39	98.57 6.35 -36.48	131.09 7.75 -56.47	117.23 5.33 -65.55	106.27 4.34 -63.87	100.31 4.14 -59.86	96.44 3.93 -58.37	63.16 3.80 -25.47	52.24 4.10 -10.89
BABYLON__69_KV_BK2 356345	46.25 4.93 -0.22	42.14 4.51 -0.01	40.22 4.19 -0.51	39.98 3.95 -2.22	40.68 4.08 -2.31	59.11 4.27 -19.27	87.56 7.95 -8.66	108.57 11.35 7.86	103.96 11.40 9.24	102.08 9.88 -0.69	76.73 7.45 -9.23	71.54 6.61 -12.08	71.19 6.62 -11.58	69.61 7.03 -7.63	67.83 6.82 -8.11	73.98 7.20 -10.57	99.35 7.19 -36.42	131.71 8.96 -55.89	117.34 6.16 -64.82	106.20 4.91 -63.22	100.28 4.79 -59.17	96.49 4.51 -57.84	64.03 4.27 -25.86	52.85 4.69 -10.91
BALL_HILL_WT_PWR 323825	39.14 -2.01 -0.06	36.56 -1.05 0.00	33.45 -2.20 -0.14	32.10 -2.30 -0.60	32.89 -2.02 -0.63	36.52 -1.25 -2.19	65.71 -5.25 0.00	51.96 -8.51 44.61	41.02 -8.35 52.44	35.73 -7.87 47.91	42.84 -5.28 11.92	38.28 -4.65 9.93	39.53 -5.09 8.37	39.64 -5.28 10.03	37.96 -5.24 9.70	41.90 -5.34 8.97	50.51 -5.18 0.05	69.12 -4.61 -6.88	50.64 -2.97 -7.25	43.36 -2.70 -7.99	40.38 -2.22 -6.28	36.99 -2.90 -5.74	35.73 -2.37 -4.20	36.35 -2.23 -1.34
BARON_WINDS____WT_PWR 323822	40.35 -0.82 -0.07	37.43 -0.19 0.00	34.62 -1.06 -0.16	33.41 -1.11 -0.73	34.19 -0.86 -0.76	37.97 -0.29 -2.69	68.26 -2.70 0.00	59.39 -4.62 41.07	48.85 -4.68 48.27	42.83 -4.57 44.11	46.39 -3.06 10.60	41.66 -2.69 8.50	42.77 -2.86 7.35	42.66 -2.97 9.32	41.30 -2.81 8.79	45.49 -2.81 7.91	54.23 -2.51 -0.99	73.56 -1.74 -8.44	54.23 -1.02 -8.90	46.88 -0.99 -9.80	43.32 -0.69 -7.70	40.00 -1.26 -7.12	37.83 -1.12 -5.05	37.85 -1.00 -1.61
BARRETT_IC_1 23704	45.03 3.70 -0.23	41.05 3.42 -0.02	39.23 3.20 -0.51	39.06 3.04 -2.22	39.72 3.12 -2.31	56.50 3.02 -17.90	84.94 5.32 -8.66	99.26 7.57 13.39	93.70 7.64 15.74	92.04 6.87 6.34	72.27 5.41 -6.81	67.68 4.81 -10.02	67.75 4.98 -9.78	66.11 5.22 -5.94	64.73 4.92 -6.91	70.78 5.17 -9.39	93.14 4.74 -32.66	124.73 5.75 -52.12	110.43 3.94 -60.14	100.28 3.16 -59.05	94.11 3.05 -54.75	90.49 3.04 -53.30	62.48 3.12 -25.47	50.75 3.42 -10.08
BARRETT_IC_10 23701	45.03 3.70 -0.23	41.05 3.42 -0.02	39.23 3.20 -0.51	39.06 3.04 -2.22	39.72 3.12 -2.31	56.50 3.02 -17.90	84.94 5.32 -8.66	99.26 7.57 13.39	93.70 7.64 15.74	92.04 6.87 6.34	72.27 5.41 -6.81	67.68 4.81 -10.02	67.75 4.98 -9.78	66.11 5.22 -5.94	64.73 4.92 -6.91	70.78 5.17 -9.39	93.14 4.74 -32.66	124.73 5.75 -52.12	110.43 3.94 -60.14	100.28 3.16 -59.05	94.11 3.05 -54.75	90.49 3.04 -53.30	62.48 3.12 -25.47	50.75 3.42 -10.08
BARRETT_IC_11 23702	45.03 3.70 -0.23	41.05 3.42 -0.02	39.23 3.20 -0.51	39.06 3.04 -2.22	39.72 3.12 -2.31	56.50 3.02 -17.90	84.94 5.32 -8.66	99.26 7.57 13.39	93.70 7.64 15.74	92.04 6.87 6.34	72.27 5.41 -6.81	67.68 4.81 -10.02	67.75 4.98 -9.78	66.11 5.22 -5.94	64.73 4.92 -6.91	70.78 5.17 -9.39	93.14 4.74 -32.66	124.73 5.75 -52.12	110.43 3.94 -60.14	100.28 3.16 -59.05	94.11 3.05 -54.75	90.49 3.04 -53.30	62.48 3.12 -25.47	50.75 3.42 -10.08
BARRETT_IC_12 23703	45.03 3.70 -0.23	41.05 3.42 -0.02	39.23 3.20 -0.51	39.06 3.04 -2.22	39.72 3.12 -2.31	56.50 3.02 -17.90	84.94 5.32 -8.66	99.26 7.57 13.39	93.70 7.64 15.74	92.04 6.87 6.34	72.27 5.41 -6.81	67.68 4.81 -10.02	67.75 4.98 -9.78	66.11 5.22 -5.94	64.73 4.92 -6.91	70.78 5.17 -9.39	93.14 4.74 -32.66	124.73 5.75 -52.12	110.43 3.94 -60.14	100.28 3.16 -59.05	94.11 3.05 -54.75	90.49 3.04 -53.30	62.48 3.12 -25.47	50.75 3.42 -10.08
BARRETT_IC_2 23705	45.03 3.70 -0.23	41.05 3.42 -0.02	39.23 3.20 -0.51	39.06 3.04 -2.22	39.72 3.12 -2.31	56.50 3.02 -17.90	84.94 5.32 -8.66	99.26 7.57 13.39	93.70 7.64 15.74	92.04 6.87 6.34	72.27 5.41 -6.81	67.68 4.81 -10.02	67.75 4.98 -9.78	66.11 5.22 -5.94	64.73 4.92 -6.91	70.78 5.17 -9.39	93.14 4.74 -32.66	124.73 5.75 -52.12	110.43 3.94 -60.14	100.28 3.16 -59.05	94.11 3.05 -54.75	90.49 3.04 -53.30	62.48 3.12 -25.47	50.75 3.42 -10.08
BARRETT_IC_3 23706	45.03 3.70 -0.23	41.05 3.42 -0.02	39.23 3.20 -0.51	39.06 3.04 -2.22	39.72 3.12 -2.31	56.50 3.02 -17.90	84.94 5.32 -8.66	99.26 7.57 13.39	93.70 7.64 15.74	92.04 6.87 6.34	72.27 5.41 -6.81	67.68 4.81 -10.02	67.75 4.98 -9.78	66.11 5.22 -5.94	64.73 4.92 -6.91	70.78 5.17 -9.39	93.14 4.74 -32.66	124.73 5.75 -52.12	110.43 3.94 -60.14	100.28 3.16 -59.05	94.11 3.05 -54.75	90.49 3.04 -53.30	62.48 3.12 -25.47	50.75 3.42 -10.08
BARRETT_IC_4 23707	45.03 3.70 -0.23	41.05 3.42 -0.02	39.23 3.20 -0.51	39.06 3.04 -2.22	39.72 3.12 -2.31	56.50 3.02 -17.90	84.94 5.32 -8.66	99.26 7.57 13.39	93.70 7.64 15.74	92.04 6.87 6.34	72.27 5.41 -6.81	67.68 4.81 -10.02	67.75 4.98 -9.78	66.11 5.22 -5.94	64.73 4.92 -6.91	70.78 5.17 -9.39	93.14 4.74 -32.66	124.73 5.75 -52.12	110.43 3.94 -60.14	100.28 3.16 -59.05	94.11 3.05 -54.75	90.49 3.04 -53.30	62.48 3.12 -25.47	50.75 3.42 -10.08
BARRETT_IC_5 23708	45.03 3.70 -0.23	41.05 3.42 -0.02	39.23 3.20 -0.51	39.06 3.04 -2.22	39.72 3.12 -2.31	56.50 3.02 -17.90	84.94 5.32 -8.66	99.26 7.57 13.39	93.70 7.64 15.74	92.04 6.87 6.34	72.27 5.41 -6.81	67.68 4.81 -10.02	67.75 4.98 -9.78	66.11 5.22 -5.94	64.73 4.92 -6.91	70.78 5.17 -9.39	93.14 4.74 -32.66	124.73 5.75 -52.12	110.43 3.94 -60.14	100.28 3.16 -59.05	94.11 3.05 -54.75	90.49 3.04 -53.30	62.48 3.12 -25.47	50.75 3.42 -10.08
BARRETT_IC_6 23709	45.03 3.70 -0.23	41.05 3.42 -0.02	39.23 3.20 -0.51	39.06 3.04 -2.22	39.72 3.12 -2.31	56.50 3.02 -17.90	84.94 5.32 -8.66	99.26 7.57 13.39	93.70 7.64 15.74	92.04 6.87 6.34	72.27 5.41 -6.81	67.68 4.81 -10.02	67.75 4.98 -9.78	66.11 5.22 -5.94	64.73 4.92 -6.91	70.78 5.17 -9.39	93.14 4.74 -32.66	124.73 5.75 -52.12	110.43 3.94 -60.14	100.28 3.16 -59.05	94.11 3.05 -54.75	90.49 3.04 -53.30	62.48 3.12 -25.47	50.75 3.42 -10.08

BARRETT_IC_7 23710	45.03 3.70 -0.23	41.05 3.42 -0.02	39.23 3.20 -0.51	39.06 3.04 -2.22	39.72 3.12 -2.31	56.54 3.06 -17.90	85.22 5.61 -8.66	104.78 7.57 7.86	100.19 7.63 9.25	98.06 6.96 0.41	73.75 5.34 -8.35	69.08 4.86 -11.35	68.83 4.98 -10.86	67.35 5.27 -7.13	66.08 5.08 -8.11	72.07 5.28 -10.57	93.76 4.91 -33.11	124.86 5.88 -52.12	110.57 4.08 -60.14	100.35 3.24 -59.05	94.26 3.20 -54.75	90.80 3.21 -53.45	62.95 3.19 -25.86	50.92 3.46 -10.21
BARRETT_IC_8 23711	45.03 3.70 -0.23	41.05 3.42 -0.02	39.23 3.20 -0.51	39.06 3.04 -2.22	39.72 3.12 -2.31	56.50 3.02 -17.90	84.94 5.32 -8.66	99.26 7.57 13.39	93.70 7.64 15.74	92.04 6.87 6.34	72.27 5.41 -6.81	67.68 4.81 -10.02	67.75 4.98 -9.78	66.11 5.22 -5.94	64.73 4.92 -6.91	70.78 5.17 -9.39	93.14 4.74 -32.66	124.73 5.75 -52.12	110.43 3.94 -60.14	100.28 3.16 -59.05	94.11 3.05 -54.75	90.49 3.04 -53.30	62.48 3.12 -25.47	50.75 3.42 -10.08
BARRETT_IC_9 23700	45.03 3.70 -0.23	41.05 3.42 -0.02	39.23 3.20 -0.51	39.06 3.04 -2.22	39.72 3.12 -2.31	56.50 3.02 -17.90	84.94 5.32 -8.66	99.26 7.57 13.39	93.70 7.64 15.74	92.04 6.87 6.34	72.27 5.41 -6.81	67.68 4.81 -10.02	67.75 4.98 -9.78	66.11 5.22 -5.94	64.73 4.92 -6.91	70.78 5.17 -9.39	93.14 4.74 -32.66	124.73 5.75 -52.12	110.43 3.94 -60.14	100.28 3.16 -59.05	94.11 3.05 -54.75	90.49 3.04 -53.30	62.48 3.12 -25.47	50.75 3.42 -10.08
BARRETT___1 23545	45.03 3.70 -0.23	41.05 3.42 -0.02	39.23 3.20 -0.51	39.06 3.04 -2.22	39.72 3.12 -2.31	56.50 3.02 -17.90	84.94 5.32 -8.66	99.26 7.57 13.39	93.70 7.64 15.74	92.04 6.87 6.34	72.27 5.41 -6.81	67.68 4.81 -10.02	67.75 4.98 -9.78	66.11 5.22 -5.94	64.73 4.92 -6.91	70.78 5.17 -9.39	93.14 4.74 -32.66	124.73 5.75 -52.12	110.43 3.94 -60.14	100.28 3.16 -59.05	94.11 3.05 -54.75	90.49 3.04 -53.30	62.48 3.12 -25.47	50.75 3.42 -10.08
BARRETT___2 23546	45.03 3.70 -0.23	41.05 3.42 -0.02	39.23 3.20 -0.51	39.06 3.04 -2.22	39.72 3.12 -2.31	56.50 3.02 -17.90	84.94 5.32 -8.66	99.26 7.57 13.39	93.70 7.64 15.74	92.04 6.87 6.34	72.27 5.41 -6.81	67.68 4.81 -10.02	67.75 4.98 -9.78	66.11 5.22 -5.94	64.73 4.92 -6.91	70.78 5.17 -9.39	93.14 4.74 -32.66	124.73 5.75 -52.12	110.43 3.94 -60.14	100.28 3.16 -59.05	94.11 3.05 -54.75	90.49 3.04 -53.30	62.48 3.12 -25.47	50.75 3.42 -10.08
BATAVIA___115KV_TB1 55881	39.22 -1.93 -0.05	36.11 -1.50 0.00	33.80 -1.85 -0.12	32.39 -1.96 -0.55	33.18 -1.68 -0.57	36.12 -1.42 -1.98	65.71 -5.25 0.00	71.32 -6.83 26.94	63.62 -6.52 31.66	56.55 -6.04 28.93	48.72 -4.26 7.07	43.21 -3.86 5.79	43.60 -4.40 4.99	44.19 -4.56 6.19	42.51 -4.50 5.90	46.31 -4.61 5.30	52.42 -4.52 -1.19	68.58 -4.48 -6.20	49.97 -2.92 -6.54	42.80 -2.47 -7.21	39.83 -2.14 -5.66	37.58 -2.29 -5.72	36.87 -2.20 -5.17	37.18 -1.71 -1.65
BAYONEEC___CTG1 323682	44.14 2.83 -0.21	40.17 2.56 0.00	38.40 2.38 -0.50	38.24 2.23 -2.21	38.89 2.30 -2.30	45.79 2.35 -7.87	74.79 3.83 0.00	96.93 5.25 13.40	91.65 5.60 15.75	82.25 5.12 14.39	64.62 4.20 -0.37	61.29 3.75 -4.68	61.29 3.82 -4.49	61.17 4.01 -2.22	60.36 3.86 -3.60	61.27 4.05 -1.01	68.44 4.13 -8.57	96.69 5.15 -24.69	75.86 3.48 -26.03	69.50 2.74 -28.69	61.43 2.58 -22.54	58.02 2.56 -21.31	51.79 2.44 -15.44	44.99 2.83 -4.92
BAYONEEC___CTG10 323750	44.14 2.83 -0.21	40.17 2.56 0.00	38.40 2.38 -0.50	38.24 2.23 -2.21	38.89 2.30 -2.30	45.79 2.35 -7.87	74.79 3.83 0.00	96.93 5.25 13.40	91.65 5.60 15.75	82.25 5.12 14.39	64.62 4.20 -0.37	61.29 3.75 -4.68	61.29 3.82 -4.49	61.17 4.01 -2.22	60.36 3.86 -3.60	61.27 4.05 -1.01	68.44 4.13 -8.57	96.69 5.15 -24.69	75.86 3.48 -26.03	69.50 2.74 -28.69	61.43 2.58 -22.54	58.02 2.56 -21.31	51.79 2.44 -15.44	44.99 2.83 -4.92
BAYONEEC___CTG2 323683	44.14 2.83 -0.21	40.17 2.56 0.00	38.40 2.38 -0.50	38.24 2.23 -2.21	38.89 2.30 -2.30	45.79 2.35 -7.87	74.79 3.83 0.00	96.93 5.25 13.40	91.65 5.60 15.75	82.25 5.12 14.39	64.62 4.20 -0.37	61.29 3.75 -4.68	61.29 3.82 -4.49	61.17 4.01 -2.22	60.36 3.86 -3.60	61.27 4.05 -1.01	68.44 4.13 -8.57	96.69 5.15 -24.69	75.86 3.48 -26.03	69.50 2.74 -28.69	61.43 2.58 -22.54	58.02 2.56 -21.31	51.79 2.44 -15.44	44.99 2.83 -4.92
BAYONEEC___CTG3 323684	44.14 2.83 -0.21	40.17 2.56 0.00	38.40 2.38 -0.50	38.24 2.23 -2.21	38.89 2.30 -2.30	45.79 2.35 -7.87	74.79 3.83 0.00	96.93 5.25 13.40	91.65 5.60 15.75	82.25 5.12 14.39	64.62 4.20 -0.37	61.29 3.75 -4.68	61.29 3.82 -4.49	61.17 4.01 -2.22	60.36 3.86 -3.60	61.27 4.05 -1.01	68.44 4.13 -8.57	96.69 5.15 -24.69	75.86 3.48 -26.03	69.50 2.74 -28.69	61.43 2.58 -22.54	58.02 2.56 -21.31	51.79 2.44 -15.44	44.99 2.83 -4.92
BAYONEEC___CTG4 323685	44.14 2.83 -0.21	40.17 2.56 0.00	38.40 2.38 -0.50	38.24 2.23 -2.21	38.89 2.30 -2.30	45.79 2.35 -7.87	74.79 3.83 0.00	96.93 5.25 13.40	91.65 5.60 15.75	82.25 5.12 14.39	64.62 4.20 -0.37	61.29 3.75 -4.68	61.29 3.82 -4.49	61.17 4.01 -2.22	60.36 3.86 -3.60	61.27 4.05 -1.01	68.44 4.13 -8.57	96.69 5.15 -24.69	75.86 3.48 -26.03	69.50 2.74 -28.69	61.43 2.58 -22.54	58.02 2.56 -21.31	51.79 2.44 -15.44	44.99 2.83 -4.92
BAYONEEC___CTG5 323686	44.14 2.83 -0.21	40.17 2.56 0.00	38.40 2.38 -0.50	38.24 2.23 -2.21	38.89 2.30 -2.30	45.79 2.35 -7.87	74.79 3.83 0.00	96.93 5.25 13.40	91.65 5.60 15.75	82.25 5.12 14.39	64.62 4.20 -0.37	61.29 3.75 -4.68	61.29 3.82 -4.49	61.17 4.01 -2.22	60.36 3.86 -3.60	61.27 4.05 -1.01	68.44 4.13 -8.57	96.69 5.15 -24.69	75.86 3.48 -26.03	69.50 2.74 -28.69	61.43 2.58 -22.54	58.02 2.56 -21.31	51.79 2.44 -15.44	44.99 2.83 -4.92
BAYONEEC___CTG6 323687	44.14 2.83 -0.21	40.17 2.56 0.00	38.40 2.38 -0.50	38.24 2.23 -2.21	38.89 2.30 -2.30	45.79 2.35 -7.87	74.79 3.83 0.00	96.93 5.25 13.40	91.65 5.60 15.75	82.25 5.12 14.39	64.62 4.20 -0.37	61.29 3.75 -4.68	61.29 3.82 -4.49	61.17 4.01 -2.22	60.36 3.86 -3.60	61.27 4.05 -1.01	68.44 4.13 -8.57	96.69 5.15 -24.69	75.86 3.48 -26.03	69.50 2.74 -28.69	61.43 2.58 -22.54	58.02 2.56 -21.31	51.79 2.44 -15.44	44.99 2.83 -4.92
BAYONEEC___CTG7 323688	44.14 2.83 -0.21	40.17 2.56 0.00	38.40 2.38 -0.50	38.24 2.23 -2.21	38.89 2.30 -2.30	45.79 2.35 -7.87	74.79 3.83 0.00	96.93 5.25 13.40	91.65 5.60 15.75	82.25 5.12 14.39	64.62 4.20 -0.37	61.29 3.75 -4.68	61.29 3.82 -4.49	61.17 4.01 -2.22	60.36 3.86 -3.60	61.27 4.05 -1.01	68.44 4.13 -8.57	96.69 5.15 -24.69	75.86 3.48 -26.03	69.50 2.74 -28.69	61.43 2.58 -22.54	58.02 2.56 -21.31	51.79 2.44 -15.44	44.99 2.83 -4.92
BAYONEEC___CTG8 323689	44.14 2.83 -0.21	40.17 2.56 0.00	38.40 2.38 -0.50	38.24 2.23 -2.21	38.89 2.30 -2.30	45.79 2.35 -7.87	74.79 3.83 0.00	96.93 5.25 13.40	91.65 5.60 15.75	82.25 5.12 14.39	64.62 4.20 -0.37	61.29 3.75 -4.68	61.29 3.82 -4.49	61.17 4.01 -2.22	60.36 3.86 -3.60	61.27 4.05 -1.01	68.44 4.13 -8.57	96.69 5.15 -24.69	75.86 3.48 -26.03	69.50 2.74 -28.69	61.43 2.58 -22.54	58.02 2.56 -21.31	51.79 2.44 -15.44	44.99 2.83 -4.92

BAYONEEC___CTG9 323749	44.14 2.83 -0.21	40.17 2.56 0.00	38.40 2.38 -0.50	38.24 2.23 -2.21	38.89 2.30 -2.30	45.79 2.35 -7.87	74.79 3.83 0.00	96.93 5.25 13.40	91.65 5.60 15.75	82.25 5.12 14.39	64.62 4.20 -0.37	61.29 3.75 -4.68	61.29 3.82 -4.49	61.17 4.01 -2.22	60.36 3.86 -3.60	61.27 4.05 -1.01	68.44 4.13 -8.57	96.69 5.15 -24.69	75.86 3.48 -26.03	69.50 2.74 -28.69	61.43 2.58 -22.54	58.02 2.56 -21.31	51.79 2.44 -15.44	44.99 2.83 -4.92
BEACON___LESR 323632	43.70 2.34 -0.25	39.83 2.22 0.00	38.15 2.02 -0.60	38.36 1.89 -2.67	38.99 1.92 -2.78	52.45 2.06 -14.82	74.50 3.55 0.00	98.25 4.52 11.35	92.94 4.47 13.34	83.17 3.84 12.19	65.62 3.72 -1.85	62.55 3.39 -6.30	60.30 3.23 -4.08	57.45 3.30 0.79	57.89 3.23 -1.76	61.88 3.37 -2.30	75.96 3.40 -16.81	117.10 3.74 -46.49	97.98 2.59 -49.03	94.23 2.13 -54.04	80.91 2.14 -42.45	72.35 1.95 -36.25	54.55 2.00 -18.65	45.38 2.20 -5.94
BEAVER RIVER___HYD 24048	40.79 -0.33 -0.02	37.35 -0.26 0.00	35.35 -0.21 -0.04	33.75 -0.23 -0.18	34.17 -0.31 -0.19	35.86 -0.29 -0.58	70.47 -0.49 0.00	85.17 -0.63 19.29	78.01 -1.12 22.67	69.33 -1.47 20.72	53.76 -1.02 5.26	47.39 -1.01 4.46	48.39 -0.95 3.64	50.19 -0.60 4.16	48.21 -0.58 4.11	51.78 -0.45 3.98	55.92 0.00 -0.18	69.14 0.47 -1.81	48.44 0.19 -1.91	40.36 0.19 -2.10	38.07 0.11 -1.65	35.80 0.03 -1.62	35.02 -0.17 -1.28	37.28 -0.37 -0.41
BEEBEE_GT_13 23619	39.75 -1.40 -0.05	36.18 -1.43 0.00	34.39 -1.24 -0.11	32.99 -1.32 -0.51	33.68 -1.13 -0.53	36.10 -1.28 -1.81	66.77 -4.19 0.00	73.94 -4.73 26.42	66.27 -4.48 31.05	59.21 -3.94 28.37	50.37 -2.76 6.92	44.78 -2.43 5.65	45.31 -2.81 4.87	45.97 -2.91 6.07	44.27 -2.86 5.77	48.11 -2.92 5.18	53.82 -3.01 -1.09	69.46 -3.08 -5.68	50.35 -1.99 -5.99	42.95 -1.71 -6.60	39.93 -1.56 -5.18	38.05 -1.50 -5.41	37.36 -1.46 -4.91	37.54 -1.27 -1.57
BENSHRST_27_KV_BENSHRST_1 355998	44.77 3.45 -0.22	40.74 3.12 -0.01	38.91 2.88 -0.51	38.72 2.70 -2.22	39.38 2.78 -2.31	46.07 2.63 -7.87	74.86 3.90 0.00	102.46 5.25 7.87	98.14 5.60 9.26	88.27 5.22 8.46	66.40 4.44 -1.91	62.90 4.02 -6.02	62.74 4.19 -5.57	62.69 4.34 -3.40	61.82 4.13 -4.79	62.78 4.38 -2.18	69.01 4.24 -9.03	97.03 5.48 -24.69	76.05 3.66 -26.03	69.54 2.78 -28.69	61.65 2.80 -22.54	58.40 2.80 -21.46	52.52 2.78 -15.84	45.61 3.31 -5.05
BETHLEHEM___GRP 23843	43.12 1.77 -0.25	39.27 1.65 0.00	37.65 1.53 -0.60	37.92 1.45 -2.67	38.51 1.44 -2.78	51.74 1.49 -14.68	73.23 2.27 0.00	100.94 2.52 6.67	96.51 2.54 7.84	86.46 2.10 7.16	65.79 2.58 -3.16	62.63 2.33 -7.44	60.26 2.28 -5.00	57.52 2.36 -0.21	57.95 2.27 -2.77	61.87 2.36 -3.30	74.95 2.17 -17.03	115.38 2.47 -46.04	96.62 1.72 -48.56	93.07 1.48 -53.51	79.81 1.45 -42.04	71.61 1.37 -36.10	54.35 1.46 -18.99	44.93 1.64 -6.05
BETHLEHEM___GS1 323560	43.12 1.77 -0.25	39.26 1.65 0.00	37.65 1.53 -0.60	37.92 1.45 -2.67	38.51 1.44 -2.78	51.74 1.49 -14.68	73.23 2.27 0.00	96.26 2.52 11.34	91.02 2.55 13.33	81.53 2.19 12.18	64.49 2.58 -1.86	61.49 2.32 -6.31	59.35 2.28 -4.08	56.51 2.36 0.79	56.93 2.27 -1.76	60.88 2.36 -2.30	74.68 2.29 -16.64	115.38 2.48 -46.04	96.63 1.72 -48.56	93.06 1.48 -53.51	79.85 1.49 -42.04	71.49 1.37 -35.98	54.02 1.46 -18.66	44.83 1.64 -5.94
BETHLEHEM___GS2 323561	43.12 1.77 -0.25	39.26 1.65 0.00	37.65 1.53 -0.60	37.92 1.45 -2.67	38.51 1.44 -2.78	51.74 1.49 -14.68	73.23 2.27 0.00	96.26 2.52 11.34	91.02 2.55 13.33	81.53 2.19 12.18	64.49 2.58 -1.86	61.49 2.32 -6.31	59.35 2.28 -4.08	56.51 2.36 0.79	56.93 2.27 -1.76	60.88 2.36 -2.30	74.68 2.29 -16.64	115.38 2.48 -46.04	96.63 1.72 -48.56	93.06 1.48 -53.51	79.85 1.49 -42.04	71.49 1.37 -35.98	54.02 1.46 -18.66	44.83 1.64 -5.94
BETHLEHEM___GS3 323562	43.12 1.77 -0.25	39.26 1.65 0.00	37.65 1.53 -0.60	37.92 1.45 -2.67	38.51 1.44 -2.78	51.74 1.49 -14.68	73.23 2.27 0.00	96.26 2.52 11.34	91.02 2.55 13.33	81.53 2.19 12.18	64.49 2.58 -1.86	61.49 2.32 -6.31	59.35 2.28 -4.08	56.51 2.36 0.79	56.93 2.27 -1.76	60.88 2.36 -2.30	74.68 2.29 -16.64	115.38 2.48 -46.04	96.63 1.72 -48.56	93.06 1.48 -53.51	79.85 1.49 -42.04	71.49 1.37 -35.98	54.02 1.46 -18.66	44.83 1.64 -5.94
BETHLEHEM___STEEL 23779	38.94 -2.22 -0.06	36.41 -1.20 0.00	33.31 -2.34 -0.13	31.96 -2.43 -0.59	32.78 -2.13 -0.62	36.55 -1.17 -2.15	65.49 -5.46 0.00	69.26 -8.93 26.89	61.54 -8.65 31.61	54.58 -8.05 28.88	47.64 -5.40 7.01	42.35 -4.81 5.70	42.75 -5.30 4.93	43.30 -5.44 6.20	41.63 -5.40 5.87	45.41 -5.57 5.24	51.66 -5.46 -1.38	68.66 -4.95 -6.75	50.37 -3.11 -7.12	43.25 -2.66 -7.85	40.12 -2.36 -6.17	37.26 -3.00 -6.11	36.43 -2.92 -5.44	36.60 -2.38 -1.73
BETHLHEM_115KV_TB1 79974	43.12 1.77 -0.25	39.27 1.65 0.00	37.65 1.53 -0.60	37.89 1.42 -2.67	38.51 1.44 -2.78	51.41 1.49 -14.34	73.30 2.34 0.00	101.04 2.63 6.67	96.51 2.54 7.84	86.55 2.20 7.16	65.79 2.58 -3.16	62.62 2.33 -7.44	60.26 2.28 -4.99	57.52 2.36 -0.21	57.94 2.27 -2.77	61.87 2.36 -3.29	74.56 2.17 -16.64	114.33 2.47 -45.00	95.52 1.72 -47.46	91.85 1.48 -52.30	78.89 1.49 -41.09	70.95 1.37 -35.44	54.34 1.46 -18.98	44.93 1.64 -6.05
BETHPAGE_CC_5 323564	45.18 3.86 -0.22	41.16 3.53 -0.01	39.33 3.30 -0.51	39.13 3.11 -2.22	39.79 3.19 -2.31	58.91 3.24 -20.10	85.36 5.75 -8.66	99.68 7.98 13.39	94.21 8.15 15.74	94.34 7.41 4.58	73.98 5.71 -8.22	69.11 5.08 -11.18	69.01 5.09 -10.94	66.92 5.22 -6.75	64.89 5.08 -6.91	71.06 5.45 -9.39	99.10 5.41 -37.95	131.63 6.62 -58.15	118.52 4.55 -67.63	107.48 3.69 -65.72	101.66 3.52 -61.82	97.85 3.38 -60.32	62.65 3.29 -25.47	52.14 3.69 -11.21
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	39.02 -2.14 -0.06	36.67 -0.94 0.00	33.31 -2.34 -0.13	31.96 -2.43 -0.60	32.78 -2.13 -0.62	36.78 -0.96 -2.16	65.99 -4.97 0.00	69.53 -8.72 26.83	61.82 -8.45 31.53	54.65 -8.05 28.81	47.73 -5.34 6.98	42.44 -4.76 5.66	42.88 -5.19 4.91	43.37 -5.38 6.19	41.75 -5.29 5.86	45.49 -5.51 5.22	51.85 -5.30 -1.40	69.17 -4.48 -6.79	50.68 -2.83 -7.16	43.52 -2.44 -7.89	40.37 -2.14 -6.20	37.32 -2.97 -6.15	36.45 -2.92 -5.46	36.56 -2.42 -1.74
BINGHAMTON___COGEN 23790	41.31 0.12 -0.09	37.95 0.34 0.00	35.70 -0.04 -0.22	34.65 -0.10 -0.95	35.32 0.03 -0.99	39.65 0.39 -3.68	70.82 -0.14 0.00	83.42 -0.74 20.93	76.49 -0.71 24.60	68.12 -0.92 22.48	55.38 -0.24 4.43	49.98 -0.21 2.66	49.96 -0.16 2.87	49.69 -0.16 5.10	48.54 -0.16 4.20	52.98 -0.11 3.12	59.67 -0.06 -3.98	79.09 0.67 -11.56	59.05 0.51 -12.19	51.88 0.38 -13.43	47.26 0.40 -10.55	44.38 0.10 -10.13	41.54 -0.07 -7.71	39.77 0.07 -2.46
BIXINCNT_115KV_LOAD 355685	39.60 -1.56 -0.06	37.69 0.08 0.00	33.60 -2.06 -0.14	32.25 -2.16 -0.61	33.07 -1.85 -0.63	37.65 -0.14 -2.22	67.77 -3.19 0.00	70.46 -8.09 26.53	62.57 -8.04 31.19	54.96 -8.05 28.50	48.03 -5.16 6.86	42.58 -4.76 5.52	42.87 -5.30 4.82	43.32 -5.49 6.14	41.73 -5.40 5.77	45.53 -5.57 5.12	52.35 -4.91 -1.51	70.54 -3.28 -6.95	51.69 -1.99 -7.33	44.36 -1.79 -8.08	41.17 -1.49 -6.35	37.61 -2.83 -6.30	36.60 -2.85 -5.55	36.59 -2.42 -1.77

BLACK RIVER___HYD 24047	40.63 -0.49 -0.02	37.20 -0.41 0.00	35.19 -0.39 -0.06	33.62 -0.44 -0.26	34.11 -0.45 -0.27	36.03 -0.39 -0.85	70.39 -0.57 0.00	76.27 -0.95 27.86	67.62 -1.43 32.75	59.94 -1.64 29.93	51.35 -1.08 7.62	45.19 -1.16 6.50	46.49 -1.12 5.38	47.82 -0.93 6.20	46.00 -0.79 6.10	49.77 -0.67 5.77	56.13 0.00 -0.39	70.26 0.74 -2.66	49.53 0.37 -2.81	41.51 0.34 -3.10	38.96 0.22 -2.43	36.56 0.07 -2.34	35.46 -0.24 -1.79	37.33 -0.49 -0.57
BLACKRVR_115KV_TB2 79977	40.63 -0.49 -0.02	37.20 -0.41 0.00	35.19 -0.39 -0.06	33.62 -0.44 -0.26	34.11 -0.45 -0.27	35.99 -0.43 -0.85	70.39 -0.57 0.00	87.29 -0.95 16.85	80.57 -1.43 19.81	71.77 -1.65 18.10	54.43 -1.08 4.54	47.87 -1.16 3.83	48.65 -1.11 3.22	50.19 -0.93 3.82	48.39 -0.79 3.71	52.11 -0.67 3.43	57.04 0.00 -1.29	70.33 0.80 -2.66	49.53 0.37 -2.81	41.51 0.34 -3.10	38.96 0.22 -2.43	36.85 0.07 -2.63	36.20 -0.27 -2.57	37.58 -0.48 -0.82
BLISS_WT_PWR 323608	39.68 -1.48 -0.06	37.69 0.08 0.00	33.60 -2.06 -0.14	32.24 -2.16 -0.61	33.07 -1.85 -0.63	37.47 -0.32 -2.22	67.70 -3.26 0.00	52.36 -8.30 44.41	41.35 -8.24 52.21	35.58 -8.24 47.70	42.86 -5.34 11.85	38.10 -4.91 9.85	39.16 -5.51 8.31	39.24 -5.72 9.99	37.64 -5.61 9.65	41.51 -5.79 8.91	50.73 -5.02 0.00	70.34 -3.48 -6.95	51.46 -2.22 -7.33	44.10 -2.06 -8.08	41.07 -1.60 -6.35	36.95 -3.01 -5.81	35.57 -2.58 -4.24	36.10 -2.50 -1.35
BLUESTONE___WT_PWR 323821	44.11 2.92 -0.09	40.55 2.94 0.00	38.23 2.49 -0.22	37.05 2.26 -0.99	37.75 2.43 -1.03	43.07 2.92 -4.58	76.70 5.75 0.00	80.92 8.20 32.37	71.80 8.04 38.05	63.43 6.68 34.76	57.22 4.69 7.51	51.79 4.17 5.24	52.29 4.29 4.98	51.69 4.29 7.55	50.53 4.23 6.60	55.32 4.55 5.45	64.71 5.02 -3.94	88.18 6.95 -14.36	66.09 4.59 -15.15	58.53 3.77 -16.69	52.91 3.49 -13.11	48.56 2.80 -11.61	43.33 2.51 -6.92	42.02 2.57 -2.20
BLUE_CIRC_CHEM_DRP 24182	43.41 2.05 -0.25	39.57 1.96 0.00	37.89 1.78 -0.59	38.12 1.69 -2.63	38.74 1.71 -2.74	50.17 1.78 -12.82	73.94 2.98 0.00	101.90 3.57 6.76	97.32 3.46 7.94	87.10 2.84 7.25	66.05 2.94 -3.06	62.72 2.59 -7.27	60.35 2.54 -4.82	57.58 2.58 -0.05	58.03 2.54 -2.59	62.06 2.64 -3.20	73.17 2.56 -14.86	109.96 2.87 -40.23	90.81 2.04 -42.42	86.57 1.75 -46.75	74.75 1.71 -36.73	68.05 1.57 -32.33	54.25 1.63 -18.72	45.07 1.86 -5.96
BOC_GAS_DRP 24189	42.96 1.60 -0.25	39.08 1.47 0.00	37.47 1.35 -0.60	37.74 1.28 -2.66	38.36 1.30 -2.77	49.42 1.35 -12.49	73.09 2.13 0.00	100.83 2.42 6.67	96.40 2.44 7.84	86.45 2.10 7.17	65.47 2.28 -3.14	62.32 2.06 -7.40	59.96 2.01 -4.96	57.22 2.09 -0.18	57.70 2.06 -2.74	61.62 2.14 -3.27	72.23 2.01 -14.48	108.40 2.34 -39.20	89.27 1.58 -41.34	85.00 1.37 -45.56	73.45 1.34 -35.79	67.16 1.26 -31.75	54.10 1.29 -18.91	44.76 1.49 -6.02
BOONVILLE_115KV_TB1 79983	41.90 0.78 -0.01	38.36 0.75 0.00	36.27 0.71 -0.04	34.57 0.61 -0.16	35.10 0.65 -0.16	36.35 0.78 0.00	72.52 1.56 0.00	98.49 2.52 9.12	93.32 2.24 10.72	83.28 1.56 9.79	58.77 1.14 2.42	51.82 0.95 1.99	52.29 0.95 1.65	54.19 1.21 1.96	52.21 1.22 1.90	55.80 1.41 1.82	57.94 1.73 -0.47	69.07 2.21 0.00	47.74 1.39 0.00	39.25 1.18 0.00	37.37 1.05 0.00	35.60 0.89 -0.57	36.11 0.68 -1.53	38.36 0.63 -0.49
BORALEX_4TH_BRANCH 23824	44.80 3.45 -0.25	40.81 3.20 0.00	39.03 2.91 -0.60	39.21 2.77 -2.64	39.92 2.88 -2.75	56.76 3.06 -18.13	76.42 5.46 0.00	105.93 7.57 6.72	101.33 7.43 7.90	90.70 6.41 7.22	68.25 5.10 -3.09	64.73 4.49 -7.38	62.52 4.45 -5.09	60.01 4.56 -0.50	60.27 4.39 -2.98	64.17 4.72 -3.23	81.54 4.74 -21.05	129.48 5.75 -56.87	110.32 3.99 -59.98	107.44 3.27 -66.10	91.40 3.16 -51.93	79.94 2.94 -42.86	55.56 2.85 -18.81	46.44 3.20 -5.99
BOWLINE___1 23526	43.44 2.14 -0.20	39.53 1.92 0.00	37.81 1.81 -0.48	37.62 1.69 -2.13	38.25 1.75 -2.21	44.92 1.78 -7.57	73.87 2.91 0.00	95.16 3.78 13.70	89.66 3.97 16.10	80.37 3.57 14.71	63.35 3.18 -0.12	58.00 2.80 -2.34	52.60 2.86 3.24	45.69 2.97 12.23	47.55 2.91 8.25	60.04 3.03 -0.79	67.02 3.06 -8.21	94.49 3.88 -23.75	74.04 2.64 -25.05	67.77 2.09 -27.61	60.00 2.00 -21.69	56.56 1.91 -20.50	50.58 1.83 -14.85	44.02 2.05 -4.73
BOWLINE___2 23595	43.48 2.18 -0.20	39.60 1.99 0.00	37.85 1.85 -0.48	37.68 1.76 -2.13	38.32 1.82 -2.21	44.99 1.85 -7.57	73.94 2.98 0.00	95.38 3.99 13.70	89.88 4.18 16.10	80.47 3.66 14.71	63.47 3.30 -0.12	58.10 2.91 -2.34	52.70 2.97 3.25	45.77 3.08 12.25	47.58 2.96 8.28	60.15 3.15 -0.79	67.13 3.18 -8.21	94.63 4.01 -23.76	74.09 2.69 -25.05	67.85 2.17 -27.61	60.04 2.03 -21.69	56.60 1.95 -20.50	50.62 1.86 -14.85	44.10 2.12 -4.73
BRADY___115KV_TB2 356060	41.93 0.82 0.00	38.36 0.75 0.00	36.31 0.78 -0.01	34.59 0.74 -0.05	34.95 0.62 -0.05	36.03 0.46 0.00	73.09 2.13 0.00	105.28 3.05 2.84	101.20 2.75 3.34	91.11 2.65 3.06	60.13 0.84 0.76	52.97 0.74 0.63	53.20 0.74 0.52	55.16 0.82 0.61	53.04 0.74 0.60	56.43 0.79 0.57	56.58 0.84 0.00	67.86 1.00 0.00	47.05 0.70 0.00	38.68 0.61 0.00	36.82 0.51 0.00	34.93 0.61 -0.17	34.96 0.61 -0.45	37.95 0.56 -0.14
BRANSCOMB___SOLAR 323811	43.95 2.59 -0.26	40.05 2.44 0.00	38.38 2.24 -0.62	38.66 2.13 -2.73	39.36 2.23 -2.84	58.64 2.42 -20.64	75.22 4.26 0.00	99.81 5.88 11.15	94.19 5.49 13.11	83.56 4.02 11.98	65.80 3.72 -2.02	62.64 3.22 -6.56	60.31 3.07 -4.25	57.28 3.08 0.74	57.79 3.01 -1.88	62.04 3.37 -2.45	83.05 3.68 -23.62	135.78 4.15 -64.77	117.63 2.97 -68.31	115.71 2.36 -75.28	97.71 2.25 -59.15	84.13 2.05 -47.94	54.93 1.97 -19.06	45.44 2.12 -6.07
BRENTWOD_69_KV_W. BRTWOOD 56703	46.17 4.85 -0.22	42.06 4.44 -0.01	40.15 4.12 -0.51	39.91 3.89 -2.22	40.61 4.01 -2.31	58.46 4.20 -18.69	87.49 7.88 -8.66	108.46 11.24 7.86	103.75 11.20 9.25	101.53 9.79 -0.22	76.23 7.33 -8.86	71.13 6.50 -11.77	70.83 6.57 -11.28	69.34 6.98 -7.41	67.72 6.72 -8.11	73.86 7.08 -10.57	97.85 7.08 -35.03	129.93 8.76 -54.31	115.23 6.03 -62.86	104.34 4.80 -61.47	98.31 4.68 -57.32	94.58 4.44 -55.99	63.97 4.20 -25.86	52.48 4.62 -10.61
BRISTLHL_115KV_TB1 79998	40.11 -1.03 -0.04	36.67 -0.94 0.00	34.69 -0.92 -0.09	33.29 -0.91 -0.40	33.88 -0.82 -0.42	36.07 -0.89 -1.39	68.76 -2.20 0.00	73.86 -3.47 27.75	65.82 -3.36 32.62	58.69 -3.02 29.81	50.60 -1.92 7.53	44.79 -1.69 6.38	46.04 -1.59 5.35	47.01 -1.65 6.29	45.23 -1.53 6.13	48.90 -1.63 5.69	56.60 -1.62 -2.47	69.88 -1.34 -4.36	50.07 -0.88 -4.60	42.41 -0.72 -5.07	39.57 -0.73 -3.98	37.71 -0.68 -4.25	37.09 -0.85 -4.04	37.60 -0.93 -1.29
BROOKHAVEN___DRP 24191	46.33 5.01 -0.22	42.25 4.63 -0.01	40.29 4.26 -0.51	40.04 4.02 -2.22	40.75 4.15 -2.31	58.48 4.38 -18.54	87.84 8.23 -8.66	108.88 11.66 7.86	104.16 11.61 9.25	101.59 9.98 -0.10	76.31 7.51 -8.76	71.15 6.61 -11.69	70.85 6.68 -11.19	69.39 7.09 -7.36	67.88 6.88 -8.11	74.09 7.31 -10.57	97.65 7.25 -34.66	129.78 9.03 -53.89	114.95 6.26 -62.34	104.14 5.06 -61.01	98.11 4.97 -56.83	94.29 4.64 -55.50	64.14 4.37 -25.86	52.54 4.77 -10.53

BROOKLYN_NAVY_YARD 23515	44.14 2.83 -0.21	40.17 2.56 0.00	38.40 2.38 -0.50	38.24 2.23 -2.21	38.89 2.30 -2.30	45.75 2.31 -7.87	74.86 3.90 0.00	97.04 5.36 13.40	91.75 5.70 15.75	82.34 5.21 14.39	64.68 4.26 -0.37	61.35 3.81 -4.68	61.40 3.92 -4.49	61.23 4.07 -2.22	60.41 3.91 -3.60	61.33 4.10 -1.01	68.50 4.18 -8.57	96.83 5.28 -24.69	75.95 3.57 -26.03	69.57 2.82 -28.69	61.50 2.65 -22.54	58.05 2.59 -21.31	51.82 2.47 -15.44	44.99 2.83 -4.92
BROOKLYN___ARMY_DRP 323595	44.61 3.29 -0.22	40.59 2.97 -0.01	38.80 2.77 -0.51	38.62 2.60 -2.22	39.27 2.67 -2.31	45.93 2.49 -7.87	74.58 3.62 0.00	102.04 4.83 7.87	97.74 5.19 9.26	87.82 4.76 8.46	66.16 4.20 -1.91	62.68 3.81 -6.02	62.47 3.92 -5.57	62.41 4.07 -3.40	61.60 3.91 -4.79	62.50 4.10 -2.18	68.79 4.01 -9.03	96.69 5.15 -24.69	75.82 3.43 -26.03	69.35 2.59 -28.69	61.47 2.61 -22.54	58.23 2.63 -21.46	52.38 2.64 -15.84	45.46 3.17 -5.05
BROOKVLE_69_KV_TB1 55790	45.03 3.70 -0.23	41.05 3.42 -0.02	39.20 3.16 -0.51	39.00 2.97 -2.23	39.66 3.05 -2.32	63.23 3.17 -24.50	85.15 5.53 -8.66	105.00 7.78 7.86	100.50 7.94 9.24	103.44 7.05 -4.88	78.16 5.52 -12.58	72.63 4.92 -14.86	72.26 4.93 -14.34	69.75 5.22 -9.58	66.03 5.03 -8.11	72.07 5.28 -10.57	109.87 5.18 -48.94	143.49 6.49 -70.15	133.31 4.40 -82.55	120.53 3.46 -79.00	115.61 3.38 -75.92	111.90 3.28 -74.47	62.88 3.12 -25.86	54.38 3.54 -13.60
BROOME_2_LFGE 323671	41.31 0.12 -0.09	37.95 0.34 0.00	35.70 -0.04 -0.22	34.65 -0.10 -0.95	35.32 0.03 -0.99	39.61 0.36 -3.68	70.82 -0.14 0.00	69.14 -0.73 35.21	59.71 -0.71 41.39	52.87 -0.83 37.81	51.40 -0.24 8.41	46.53 -0.21 6.12	47.17 -0.16 5.66	46.61 -0.16 8.17	45.45 -0.16 7.29	49.96 -0.11 6.15	58.53 0.00 -2.79	79.09 0.67 -11.56	59.05 0.51 -12.19	51.88 0.38 -13.43	47.23 0.36 -10.55	43.97 0.07 -9.75	40.61 0.03 -6.68	39.45 0.07 -2.13
BROOME___LFGE 323600	41.31 0.12 -0.09	37.95 0.34 0.00	35.70 -0.04 -0.22	34.65 -0.10 -0.95	35.32 0.03 -0.99	39.61 0.36 -3.68	70.82 -0.14 0.00	69.14 -0.73 35.21	59.71 -0.71 41.39	52.87 -0.83 37.81	51.40 -0.24 8.41	46.53 -0.21 6.12	47.17 -0.16 5.66	46.61 -0.16 8.17	45.45 -0.16 7.29	49.96 -0.11 6.15	58.53 0.00 -2.79	79.09 0.67 -11.56	59.05 0.51 -12.19	51.88 0.38 -13.43	47.23 0.36 -10.55	43.97 0.07 -9.75	40.61 0.03 -6.68	39.45 0.07 -2.13
BROWNFLS_115KV_TB_3_5 80003	40.78 -0.33 -0.01	37.27 -0.34 0.00	35.34 -0.21 -0.03	33.69 -0.24 -0.13	34.04 -0.38 -0.13	35.00 -0.57 0.00	70.32 -0.64 0.00	96.10 -0.84 8.15	91.00 -1.22 9.57	81.48 -1.28 8.75	56.66 -1.20 2.19	49.93 -1.11 1.82	50.43 -1.06 1.50	52.31 -0.88 1.76	50.34 -0.85 1.71	53.78 -0.79 1.65	55.85 -0.61 -0.72	66.33 -0.53 0.00	45.93 -0.42 0.00	37.73 -0.34 0.00	35.99 -0.33 0.00	34.45 -0.17 0.00	34.91 -0.27 -1.28	37.24 -0.41 -0.41
BROWNSV1_27_KV_LOAD 356125	44.52 3.21 -0.21	40.47 2.86 0.00	38.68 2.66 -0.50	38.51 2.50 -2.21	39.16 2.57 -2.30	46.04 2.60 -7.87	75.43 4.47 0.00	103.41 6.20 7.87	99.16 6.62 9.26	89.01 5.95 8.46	66.76 4.80 -1.91	63.16 4.28 -6.02	62.90 4.34 -5.57	62.91 4.56 -3.40	62.09 4.39 -4.80	63.01 4.61 -2.18	69.40 4.63 -9.03	97.43 5.88 -24.69	76.32 3.94 -26.03	69.80 3.05 -28.69	61.83 2.98 -22.54	58.50 2.90 -21.46	52.49 2.75 -15.84	45.42 3.13 -5.05
BURROWS___LYONSDAL 23803	41.69 0.58 -0.02	38.14 0.53 0.00	36.05 0.50 -0.04	34.40 0.44 -0.16	34.90 0.45 -0.17	36.14 0.57 0.00	72.02 1.06 0.00	97.36 1.89 9.61	91.93 1.43 11.30	82.02 0.82 10.32	58.09 0.60 2.56	51.22 0.48 2.11	51.77 0.53 1.75	53.70 0.82 2.07	51.73 0.85 2.01	55.30 1.01 1.93	57.67 1.39 -0.54	68.73 1.87 0.00	47.51 1.16 0.00	39.06 0.99 0.00	37.18 0.87 0.00	35.45 0.72 -0.59	35.99 0.51 -1.58	38.20 0.45 -0.50
CAITHNESS_CC_1 323624	46.17 4.85 -0.22	42.06 4.44 -0.01	40.15 4.12 -0.51	39.91 3.89 -2.22	40.61 4.01 -2.31	58.30 4.20 -18.53	87.56 7.95 -8.66	102.83 11.13 13.39	97.16 11.10 15.74	95.28 9.61 5.84	74.47 7.20 -7.21	69.60 6.39 -10.35	69.56 6.46 -10.11	67.87 6.76 -6.17	66.42 6.61 -6.91	72.75 7.14 -9.39	97.07 7.14 -34.19	129.57 8.82 -53.88	114.74 6.07 -62.32	104.09 5.02 -61.00	97.92 4.79 -56.81	93.99 4.51 -55.34	63.64 4.27 -25.47	52.27 4.62 -10.40
CALPINE BETH_PAGE_GT4 24209	45.10 3.78 -0.22	41.08 3.46 -0.01	39.26 3.23 -0.51	39.06 3.04 -2.22	39.72 3.12 -2.31	59.47 3.09 -20.81	85.08 5.46 -8.66	104.89 7.67 7.86	100.40 7.84 9.24	100.39 6.96 -1.92	75.73 5.46 -10.22	70.62 4.86 -12.89	70.31 4.93 -12.39	68.37 5.22 -8.20	66.03 5.03 -8.11	72.01 5.23 -10.57	100.92 5.07 -40.10	133.23 6.28 -60.08	120.70 4.31 -70.03	109.35 3.43 -67.86	103.75 3.34 -64.09	100.15 3.28 -62.73	62.92 3.15 -25.86	52.56 3.61 -11.70
CALPINE_BETH_PAGE_GT_4 323586	45.10 3.78 -0.22	41.08 3.46 -0.01	39.26 3.23 -0.51	39.07 3.04 -2.22	39.72 3.12 -2.31	59.47 3.09 -20.81	85.15 5.54 -8.66	99.36 7.67 13.39	93.90 7.84 15.74	94.55 7.05 4.01	74.19 5.46 -8.67	69.28 4.86 -11.56	69.23 4.93 -11.32	67.02 5.05 -7.02	64.73 4.92 -6.91	70.89 5.28 -9.39	100.63 5.24 -39.65	133.36 6.42 -60.08	120.79 4.41 -70.03	109.47 3.54 -67.86	103.82 3.41 -64.09	100.01 3.28 -62.58	62.55 3.19 -25.47	52.43 3.61 -11.58
CALPINE_BP_GT1 23823	45.10 3.78 -0.22	41.08 3.46 -0.01	39.26 3.23 -0.51	39.07 3.04 -2.22	39.72 3.12 -2.31	59.47 3.09 -20.81	85.15 5.54 -8.66	99.36 7.67 13.39	93.90 7.84 15.74	94.55 7.05 4.01	74.19 5.46 -8.67	69.28 4.86 -11.56	69.23 4.93 -11.32	67.02 5.05 -7.02	64.73 4.92 -6.91	70.89 5.28 -9.39	100.63 5.24 -39.65	133.36 6.42 -60.08	120.79 4.41 -70.03	109.47 3.54 -67.86	103.82 3.41 -64.09	100.01 3.28 -62.58	62.55 3.19 -25.47	52.43 3.61 -11.58
CALSPAN___DRP 24200	38.94 -2.22 -0.06	36.41 -1.20 0.00	33.31 -2.34 -0.13	31.96 -2.43 -0.59	32.78 -2.13 -0.62	36.55 -1.17 -2.15	65.49 -5.46 0.00	69.26 -8.93 26.89	61.54 -8.65 31.61	54.58 -8.05 28.88	47.64 -5.40 7.01	42.35 -4.81 5.70	42.75 -5.30 4.93	43.30 -5.44 6.20	41.63 -5.40 5.87	45.41 -5.57 5.24	51.66 -5.46 -1.38	68.66 -4.95 -6.75	50.37 -3.11 -7.12	43.25 -2.66 -7.85	40.12 -2.36 -6.17	37.26 -3.00 -6.11	36.43 -2.92 -5.44	36.60 -2.38 -1.73
CALVERTON___SOLAR 323806	46.58 5.26 -0.22	42.44 4.82 -0.01	40.47 4.44 -0.51	40.21 4.19 -2.22	40.92 4.32 -2.31	58.70 4.59 -18.54	88.34 8.73 -8.66	103.88 12.18 13.39	98.17 12.11 15.74	96.11 10.43 5.83	75.07 7.80 -7.22	70.13 6.92 -10.35	70.04 6.94 -10.12	68.43 7.31 -6.17	66.95 7.14 -6.91	73.37 7.76 -9.39	97.65 7.70 -34.20	130.32 9.56 -53.90	115.32 6.63 -62.34	104.57 5.48 -61.01	98.41 5.26 -56.83	94.38 4.88 -55.35	64.01 4.64 -25.47	52.64 4.99 -10.41
CANDIGU_WT_PWR 323617	40.35 -0.82 -0.07	37.43 -0.19 0.00	34.62 -1.06 -0.16	33.41 -1.11 -0.73	34.19 -0.86 -0.76	37.97 -0.29 -2.69	68.26 -2.70 0.00	59.39 -4.62 41.07	48.85 -4.68 48.27	42.83 -4.57 44.11	46.39 -3.06 10.60	41.66 -2.69 8.50	42.77 -2.86 7.35	42.66 -2.97 9.32	41.30 -2.81 8.79	45.49 -2.81 7.91	54.23 -2.51 -0.99	73.56 -1.74 -8.44	54.23 -1.02 -8.90	46.88 -0.99 -9.80	43.32 -0.69 -7.70	40.00 -1.26 -7.12	37.83 -1.12 -5.05	37.85 -1.00 -1.61

CARR STREET_E_SYR 24060	40.11 -1.03 -0.04	36.67 -0.94 0.00	34.66 -0.96 -0.10	33.28 -0.95 -0.43	33.87 -0.86 -0.44	36.24 -0.82 -1.49	68.83 -2.13 0.00	58.78 -3.47 42.84	48.09 -3.36 50.35	42.49 -3.02 46.01	46.55 -1.86 11.64	41.41 -1.58 9.86	43.24 -1.54 8.20	43.80 -1.60 9.55	42.06 -1.48 9.36	45.84 -1.57 8.80	54.13 -1.56 0.06	70.33 -1.20 -4.67	50.49 -0.79 -4.93	42.81 -0.68 -5.43	39.92 -0.65 -4.26	37.48 -0.72 -4.05	36.10 -0.78 -2.98	37.30 -0.89 -0.95
CARTHAGE___PAPER 23857	40.67 -0.45 -0.02	37.20 -0.41 0.00	35.25 -0.32 -0.05	33.66 -0.37 -0.23	34.15 -0.38 -0.24	35.96 -0.36 -0.74	70.54 -0.42 0.00	79.91 -0.63 24.55	71.83 -1.12 28.85	63.68 -1.47 26.36	52.20 -1.14 6.71	46.05 -1.11 5.70	47.22 -1.12 4.65	48.84 -0.82 5.29	46.87 -0.79 5.24	50.52 -0.62 5.08	55.94 -0.11 -0.31	69.66 0.47 -2.33	49.04 0.23 -2.46	40.97 0.19 -2.71	38.55 0.11 -2.13	36.21 0.00 -2.06	35.22 -0.27 -1.59	37.27 -0.49 -0.51
CASSADAGA_WT_PWR 323784	40.01 -1.15 -0.06	37.39 -0.22 0.00	33.88 -1.78 -0.14	32.52 -1.89 -0.61	33.17 -1.75 -0.63	36.86 -0.93 -2.22	66.84 -4.12 0.00	53.00 -7.67 44.42	41.76 -7.84 52.21	36.31 -7.50 47.70	43.22 -4.98 11.85	38.73 -4.28 9.85	39.80 -4.87 8.31	39.90 -5.05 9.99	38.39 -4.87 9.65	42.52 -4.78 8.91	51.51 -4.24 0.00	70.81 -3.01 -6.95	51.83 -1.86 -7.33	44.36 -1.79 -8.08	41.25 -1.42 -6.35	37.60 -2.36 -5.81	36.35 -1.80 -4.24	36.96 -1.64 -1.35
CE_DUNWOOD___DRP 24194	44.06 2.75 -0.21	40.09 2.48 0.00	38.33 2.31 -0.50	38.21 2.20 -2.21	38.85 2.26 -2.30	45.74 2.31 -7.86	74.86 3.90 0.00	102.56 5.36 7.88	98.14 5.60 9.26	88.18 5.12 8.46	66.16 4.20 -1.90	62.64 3.75 -6.03	62.45 3.81 -5.65	62.46 3.96 -3.56	61.63 3.81 -4.92	62.44 4.05 -2.18	68.78 4.01 -9.02	96.60 5.08 -24.66	75.78 3.43 -26.00	69.35 2.63 -28.66	61.44 2.61 -22.51	58.07 2.49 -21.43	52.09 2.37 -15.82	44.97 2.68 -5.04
CE_MILLWOOD___DRP 24193	43.98 2.67 -0.21	40.06 2.44 0.00	38.26 2.24 -0.50	38.14 2.13 -2.21	38.78 2.19 -2.30	45.66 2.24 -7.85	74.72 3.76 0.00	102.35 5.15 7.88	97.93 5.40 9.27	87.90 4.85 8.47	66.03 4.08 -1.90	62.55 3.65 -6.04	62.36 3.66 -5.72	62.50 3.85 -3.70	61.63 3.70 -5.03	62.26 3.88 -2.17	68.65 3.90 -9.01	96.44 4.95 -24.63	75.62 3.29 -25.97	69.24 2.55 -28.62	61.34 2.54 -22.49	57.98 2.42 -21.41	52.01 2.31 -15.80	44.89 2.61 -5.03
CE_NYC2_DRP 24202	44.48 3.16 -0.22	40.48 2.86 -0.01	38.69 2.66 -0.51	38.52 2.50 -2.22	39.17 2.57 -2.31	45.93 2.49 -7.87	74.72 3.76 0.00	102.36 5.15 7.87	98.04 5.50 9.26	88.09 5.03 8.46	66.22 4.26 -1.91	62.74 3.86 -6.02	62.53 3.97 -5.57	62.47 4.12 -3.40	61.66 3.97 -4.79	62.56 4.16 -2.18	68.84 4.07 -9.03	96.76 5.22 -24.69	75.82 3.43 -26.03	69.39 2.63 -28.69	61.47 2.61 -22.54	58.23 2.63 -21.46	52.38 2.64 -15.84	45.39 3.09 -5.05
CE_NYC_DRP 24195	44.19 2.88 -0.21	40.21 2.60 0.00	38.47 2.45 -0.50	38.31 2.30 -2.21	38.92 2.33 -2.30	45.82 2.38 -7.87	74.93 3.97 0.00	102.67 5.46 7.87	98.35 5.80 9.26	88.37 5.31 8.46	66.28 4.32 -1.91	62.74 3.86 -6.02	62.53 3.97 -5.57	62.47 4.12 -3.40	61.66 3.97 -4.80	62.61 4.22 -2.18	68.95 4.18 -9.03	96.83 5.28 -24.68	75.91 3.52 -26.03	69.46 2.70 -28.69	61.50 2.65 -22.54	58.23 2.63 -21.46	52.21 2.47 -15.84	45.16 2.87 -5.05
CHAFFEE___LFGE 323603	39.10 -2.05 -0.06	36.60 -1.01 0.00	33.38 -2.27 -0.14	32.03 -2.37 -0.60	32.86 -2.06 -0.63	36.65 -1.10 -2.18	65.99 -4.97 0.00	51.99 -8.41 44.68	41.04 -8.24 52.52	35.84 -7.69 47.98	42.88 -5.22 11.94	38.36 -4.55 9.96	39.56 -5.03 8.39	39.68 -5.22 10.04	38.00 -5.18 9.71	41.82 -5.40 8.99	50.49 -5.18 0.07	69.16 -4.55 -6.85	50.66 -2.92 -7.23	43.37 -2.67 -7.96	40.39 -2.18 -6.26	36.89 -2.97 -5.72	35.65 -2.44 -4.19	36.27 -2.31 -1.33
CHATEAUG_35_KV_LOAD 355732	42.41 1.32 0.00	38.85 1.24 0.00	36.80 1.28 0.00	34.75 0.95 0.00	35.21 0.93 0.00	36.53 0.96 0.00	73.65 2.70 0.00	105.94 2.84 1.98	101.82 2.34 2.32	92.32 2.93 2.12	60.72 1.26 0.59	53.37 1.06 0.55	53.51 0.95 0.43	55.51 0.99 0.43	53.19 0.74 0.45	56.71 0.96 0.46	56.80 1.06 0.00	68.20 1.34 0.00	47.46 1.11 0.00	39.02 0.95 0.00	37.04 0.73 0.00	34.95 0.68 -0.12	34.82 0.61 -0.31	38.28 0.93 -0.10
CHATEAUG_WT_PWR 323614	42.33 1.23 0.00	38.78 1.17 0.00	36.73 1.21 0.00	34.65 0.85 0.00	35.11 0.82 0.00	36.39 0.82 0.00	73.37 2.41 0.00	104.54 2.31 2.85	100.38 1.93 3.35	91.11 2.66 3.06	60.34 1.14 0.85	53.02 0.95 0.79	53.16 0.80 0.62	55.16 0.83 0.61	52.83 0.58 0.65	56.40 0.84 0.66	56.42 0.67 0.00	67.86 1.00 0.00	47.23 0.88 0.00	38.87 0.80 0.00	36.89 0.58 0.00	34.73 0.58 0.00	34.31 0.41 0.00	38.10 0.86 0.00
CHAT_HIGH_FALL_HYD 323578	42.41 1.31 0.00	38.85 1.24 0.00	36.80 1.28 0.00	34.75 0.95 0.00	35.21 0.93 0.00	36.53 0.96 0.00	73.65 2.70 0.00	104.64 2.84 3.28	100.29 2.34 3.85	90.92 2.93 3.52	60.42 1.26 0.89	53.21 1.11 0.76	53.32 0.95 0.62	55.23 0.99 0.71	52.94 0.74 0.70	56.49 0.95 0.68	56.63 0.89 0.00	68.20 1.34 0.00	47.46 1.11 0.00	39.02 0.95 0.00	37.04 0.73 0.00	34.83 0.68 0.00	34.44 0.54 0.00	38.18 0.93 0.00
CHAUTAUQUA___LFGE 323629	39.51 -1.65 -0.06	36.79 -0.83 0.00	33.70 -1.95 -0.14	32.34 -2.06 -0.61	33.10 -1.82 -0.63	36.63 -1.14 -2.20	66.06 -4.90 0.00	52.66 -7.88 44.53	41.62 -7.84 52.35	36.27 -7.41 47.83	43.18 -4.98 11.89	38.63 -4.33 9.90	39.77 -4.87 8.35	39.94 -5.00 10.01	38.30 -4.92 9.68	42.26 -5.00 8.95	50.98 -4.74 0.03	69.69 -4.08 -6.91	51.04 -2.59 -7.29	43.70 -2.40 -8.03	40.66 -1.96 -6.31	37.25 -2.66 -5.77	36.05 -2.07 -4.22	36.65 -1.94 -1.34
CHERRYST_13_KV_LD 356241	44.31 3.00 -0.21	40.32 2.71 0.00	38.54 2.52 -0.50	38.38 2.37 -2.21	39.02 2.43 -2.30	45.89 2.45 -7.87	75.14 4.19 0.00	102.99 5.78 7.87	98.75 6.21 9.26	88.64 5.58 8.46	66.52 4.56 -1.91	62.95 4.07 -6.02	62.69 4.13 -5.57	62.69 4.34 -3.40	61.87 4.18 -4.80	62.78 4.38 -2.18	69.12 4.35 -9.03	97.09 5.55 -24.68	76.09 3.71 -26.03	69.57 2.82 -28.69	61.61 2.76 -22.54	58.30 2.70 -21.46	52.32 2.58 -15.84	45.23 2.94 -5.05
CHESTROR_138KV_BK263 355645	43.31 2.01 -0.20	39.49 1.88 0.00	37.72 1.74 -0.46	37.47 1.62 -2.05	38.10 1.68 -2.13	44.58 1.71 -7.30	73.73 2.77 0.00	100.44 3.57 8.21	95.91 3.77 9.65	85.90 3.20 8.82	64.49 2.94 -1.49	59.16 2.59 -3.71	54.48 2.65 1.15	48.92 2.75 8.78	50.29 2.70 5.31	60.89 2.87 -1.81	66.94 2.84 -8.35	93.44 3.68 -22.90	72.96 2.46 -24.15	66.59 1.90 -26.61	59.11 1.89 -20.91	55.83 1.78 -19.91	50.31 1.70 -14.71	43.87 1.94 -4.69
CH_MIDHUDSON___DRP 24192	44.03 2.71 -0.21	40.09 2.48 0.00	38.30 2.27 -0.51	38.21 2.16 -2.25	38.86 2.23 -2.34	45.88 2.28 -8.03	75.14 4.19 0.00	102.73 5.46 7.82	98.21 5.60 9.19	88.15 5.03 8.39	66.24 4.20 -1.99	62.21 3.70 -5.65	60.55 3.76 -3.80	58.73 3.90 0.12	58.67 3.81 -1.96	62.46 3.99 -2.25	68.91 3.96 -9.20	97.07 5.01 -25.19	76.30 3.38 -26.57	69.98 2.63 -29.28	61.90 2.58 -23.00	58.42 2.42 -21.85	52.25 2.31 -16.05	44.96 2.61 -5.11

CH_MISC_IPPS 23765	44.14 2.83 -0.21	40.20 2.59 0.00	38.40 2.38 -0.50	38.27 2.26 -2.21	38.89 2.30 -2.30	45.85 2.38 -7.89	75.22 4.26 0.00	97.22 5.57 13.42	91.72 5.70 15.78	82.22 5.12 14.42	64.60 4.20 -0.35	60.56 3.70 -4.00	58.72 3.76 -1.97	56.26 3.90 2.59	56.39 3.81 0.32	61.20 3.99 -0.99	68.40 4.07 -8.59	96.83 5.22 -24.75	75.94 3.48 -26.11	69.62 2.78 -28.77	61.57 2.65 -22.60	57.95 2.46 -21.34	51.65 2.34 -15.41	44.76 2.61 -4.91
CH_RES_BVR_FALLS 23983	41.06 -0.04 0.00	37.54 -0.08 0.00	35.49 -0.04 0.00	33.80 0.00 0.00	34.22 -0.07 0.00	35.47 -0.11 0.00	71.24 0.28 0.00	103.09 0.42 2.41	99.27 0.31 2.83	89.29 0.37 2.59	59.15 -0.18 0.72	52.03 -0.16 0.67	52.30 -0.16 0.52	54.32 -0.11 0.52	52.19 -0.16 0.55	55.49 -0.17 0.56	55.52 -0.22 0.00	66.53 -0.33 0.00	46.12 -0.23 0.00	37.88 -0.19 0.00	36.10 -0.22 0.00	33.98 -0.17 0.00	33.73 -0.17 0.00	37.10 -0.15 0.00
CH_RES_NIAGARA 23895	37.54 -3.62 -0.05	34.49 -3.12 0.00	32.42 -3.23 -0.13	31.09 -3.28 -0.57	31.90 -2.98 -0.59	34.54 -3.10 -2.06	61.67 -9.29 0.00	46.61 -12.72 45.75	35.70 -12.32 53.78	31.48 -10.89 49.14	40.14 -7.57 12.34	35.86 -6.61 10.39	37.13 -7.15 8.70	37.27 -7.42 10.26	35.55 -7.35 9.99	39.20 -7.70 9.32	47.48 -7.92 0.35	64.50 -8.83 -6.47	47.38 -5.80 -6.82	40.60 -4.99 -7.52	37.86 -4.36 -5.91	35.16 -4.34 -5.36	34.32 -3.56 -3.97	35.12 -3.39 -1.27
CH_RES_SYRACUSE 23985	40.61 -0.54 -0.04	37.12 -0.49 0.00	35.09 -0.53 -0.10	33.71 -0.54 -0.45	34.35 -0.41 -0.47	36.79 -0.39 -1.61	69.68 -1.28 0.00	58.66 -2.00 44.43	47.55 -2.04 52.22	42.06 -1.74 47.71	46.92 -1.08 12.05	41.76 -0.90 10.20	43.70 -0.79 8.49	44.21 -0.82 9.91	42.46 -0.74 9.70	46.26 -0.84 9.11	55.53 -0.73 -0.51	71.56 -0.33 -5.04	51.52 -0.14 -5.31	43.77 -0.15 -5.85	40.73 -0.18 -4.60	38.27 -0.24 -4.36	36.74 -0.34 -3.17	37.85 -0.41 -1.01
CLINTON_WT_PWR 323605	42.33 1.23 0.00	38.78 1.17 0.00	36.73 1.21 0.00	34.65 0.85 0.00	35.11 0.82 0.00	36.39 0.82 0.00	73.37 2.41 0.00	104.54 2.31 2.85	100.38 1.93 3.35	91.11 2.66 3.06	60.34 1.14 0.85	53.02 0.95 0.79	53.16 0.80 0.62	55.16 0.83 0.61	52.83 0.58 0.65	56.40 0.84 0.66	56.42 0.67 0.00	67.86 1.00 0.00	47.23 0.88 0.00	38.87 0.80 0.00	36.89 0.58 0.00	34.73 0.58 0.00	34.31 0.41 0.00	38.10 0.86 0.00
CLINTON__LFGE 323618	43.24 2.14 0.00	39.64 2.03 0.00	37.51 1.99 0.00	35.32 1.52 0.00	35.79 1.51 0.00	37.17 1.60 0.00	74.86 3.90 0.00	106.42 4.31 2.97	101.87 3.56 3.49	92.63 4.30 3.19	61.52 2.28 0.81	54.18 2.01 0.69	54.23 1.80 0.56	56.18 1.87 0.64	53.80 1.54 0.63	57.29 1.68 0.61	57.42 1.67 0.00	69.13 2.27 0.00	48.16 1.81 0.00	39.59 1.52 0.00	37.51 1.20 0.00	35.27 1.13 0.00	34.78 0.88 0.00	38.74 1.49 0.00
COBBLENY_34_KV_TB1 80064	39.06 -2.10 -0.06	36.60 -1.02 0.00	33.38 -2.27 -0.14	32.03 -2.37 -0.60	32.86 -2.06 -0.63	36.76 -1.00 -2.18	65.99 -4.97 0.00	69.96 -8.41 26.71	62.15 -8.25 31.40	55.05 -7.78 28.69	47.95 -5.16 6.93	42.65 -4.60 5.61	43.02 -5.09 4.88	43.56 -5.22 6.17	41.89 -5.18 5.82	45.64 -5.40 5.18	52.00 -5.18 -1.44	69.23 -4.48 -6.85	50.75 -2.83 -7.23	43.60 -2.44 -7.96	40.43 -2.14 -6.26	37.45 -2.90 -6.20	36.55 -2.85 -5.49	36.65 -2.35 -1.75
COFFEEN__115KV_TB3 355620	40.84 -0.29 -0.02	37.39 -0.23 0.00	35.40 -0.18 -0.06	33.79 -0.27 -0.26	34.32 -0.24 -0.27	36.23 -0.21 -0.87	70.82 -0.14 0.00	87.66 -0.21 17.21	80.76 -0.81 20.23	71.94 -1.10 18.48	54.69 -0.72 4.64	48.10 -0.85 3.91	48.84 -0.85 3.29	50.38 -0.66 3.90	48.58 -0.53 3.79	52.38 -0.34 3.50	57.52 0.45 -1.33	70.99 1.40 -2.72	50.01 0.79 -2.87	41.92 0.69 -3.16	39.31 0.51 -2.49	37.14 0.31 -2.69	36.45 -0.07 -2.62	37.78 -0.30 -0.83
COLDSPRG_115KV_BK1 355956	40.42 -0.74 -0.06	38.33 0.71 0.00	34.17 -1.49 -0.14	32.83 -1.59 -0.61	33.62 -1.30 -0.64	38.24 0.43 -2.24	69.33 -1.63 0.00	73.32 -5.36 26.41	65.26 -5.50 31.04	57.39 -5.77 28.36	49.70 -3.54 6.80	44.17 -3.22 5.46	44.50 -3.71 4.77	44.99 -3.85 6.11	43.40 -3.76 5.74	47.37 -3.77 5.08	54.06 -3.23 -1.55	72.68 -1.20 -7.03	53.16 -0.60 -7.41	45.55 -0.69 -8.17	42.18 -0.54 -6.42	38.56 -1.95 -6.36	37.55 -1.93 -5.58	37.57 -1.45 -1.78
COLONIE_LFGE__ 323577	43.74 2.38 -0.26	39.83 2.22 0.00	38.15 2.02 -0.61	38.42 1.93 -2.69	39.08 1.99 -2.81	56.84 2.13 -19.13	74.58 3.62 0.00	98.71 4.84 11.20	93.32 4.69 13.17	83.32 3.84 12.03	65.53 3.54 -1.94	62.36 3.06 -6.44	60.21 3.02 -4.20	57.33 3.08 0.69	57.79 3.01 -1.88	61.79 3.20 -2.38	80.95 3.34 -21.85	130.70 3.81 -60.03	112.30 2.64 -63.30	110.04 2.21 -69.76	93.27 2.14 -54.81	80.99 1.98 -44.86	54.66 1.93 -18.83	45.40 2.16 -6.00
COOPERNY_115KV_TB1 80082	42.74 1.48 -0.16	38.97 1.35 0.00	37.15 1.24 -0.39	36.71 1.18 -1.73	37.32 1.23 -1.80	43.05 1.28 -6.20	72.95 1.99 0.00	98.63 2.42 8.87	94.02 2.65 10.42	84.28 2.29 9.52	62.90 2.16 -0.68	57.61 1.90 -2.85	54.51 1.96 0.43	51.00 2.03 5.98	51.43 1.96 3.42	59.43 2.14 -1.08	64.90 2.12 -7.04	89.13 2.81 -19.46	68.73 1.85 -20.52	62.13 1.45 -22.62	55.53 1.45 -17.77	52.44 1.37 -16.93	47.68 1.25 -12.52	42.65 1.42 -3.99
COPENHAGEN_WT_PWR 323753	40.55 -0.58 -0.03	37.08 -0.53 0.00	35.12 -0.46 -0.06	33.56 -0.51 -0.27	34.05 -0.51 -0.28	36.01 -0.46 -0.90	70.11 -0.85 0.00	74.33 -1.26 29.49	65.40 -1.73 34.67	58.01 -1.83 31.67	50.72 -1.26 8.07	44.70 -1.27 6.89	46.01 -1.27 5.70	47.34 -1.05 6.56	45.49 -0.95 6.46	49.26 -0.84 6.11	55.95 -0.22 -0.43	70.16 0.47 -2.83	49.52 0.19 -2.98	41.54 0.19 -3.28	38.97 0.07 -2.58	36.60 -0.03 -2.48	35.45 -0.34 -1.89	37.29 -0.56 -0.60
CORNELL____ 23752	41.91 0.74 -0.07	38.44 0.83 0.00	36.22 0.53 -0.16	34.97 0.44 -0.73	35.66 0.62 -0.76	39.25 0.92 -2.76	72.16 1.21 0.00	83.52 1.68 23.24	76.01 1.53 27.32	67.56 1.01 24.96	55.21 0.72 5.56	49.49 0.69 4.06	50.05 0.85 3.79	50.24 0.77 5.48	48.75 0.74 4.89	53.16 1.01 4.06	59.99 1.28 -2.97	77.85 2.34 -8.65	57.19 1.72 -9.12	49.49 1.37 -10.05	45.44 1.23 -7.90	42.79 0.89 -7.75	40.71 0.58 -6.23	39.94 0.71 -1.98
CORONAAV_69_KV_TB1 355595	45.15 3.82 -0.23	41.17 3.54 -0.02	39.34 3.30 -0.51	39.14 3.11 -2.23	39.79 3.19 -2.32	64.25 3.24 -25.44	85.36 5.75 -8.66	105.21 7.99 7.86	100.71 8.14 9.24	104.56 7.41 -5.64	79.01 5.76 -13.19	73.35 5.13 -15.36	73.07 5.25 -14.84	70.32 5.44 -9.93	66.19 5.18 -8.11	72.23 5.45 -10.57	112.19 5.24 -51.21	146.07 6.49 -72.72	136.55 4.45 -85.75	123.42 3.50 -81.85	118.70 3.45 -78.94	115.01 3.38 -77.48	63.02 3.25 -25.86	54.98 3.65 -14.09
CORTLAND_115KV_TB3 80093	41.49 0.33 -0.06	38.06 0.45 0.00	35.87 0.21 -0.14	34.59 0.17 -0.62	35.21 0.27 -0.65	38.38 0.53 -2.27	71.46 0.50 0.00	83.04 0.53 22.57	75.68 0.41 26.53	67.37 0.09 24.24	54.73 0.24 5.56	48.90 0.26 4.22	49.53 0.37 3.83	50.00 0.33 5.28	48.47 0.37 4.80	52.57 0.45 4.10	58.81 0.61 -2.46	75.40 1.40 -7.13	54.89 1.02 -7.52	47.16 0.80 -8.29	43.55 0.73 -6.51	41.14 0.48 -6.51	39.57 0.24 -5.43	39.31 0.34 -1.73

COXSACKIE___GT 23611	45.33 3.99 -0.24	41.37 3.76 0.00	39.51 3.41 -0.58	39.62 3.28 -2.55	40.23 3.29 -2.65	50.94 3.13 -12.24	77.63 6.67 0.00	101.50 8.30 11.89	95.26 7.43 13.97	84.61 5.86 12.76	66.20 4.69 -1.46	63.14 4.60 -5.69	60.95 4.50 -3.46	58.16 4.62 1.40	58.61 4.60 -1.11	62.95 4.78 -1.96	74.53 5.02 -13.77	110.93 5.68 -38.39	90.68 3.85 -40.49	85.81 3.12 -44.62	74.38 3.01 -35.06	67.58 2.59 -30.84	54.53 2.81 -17.81	46.05 3.13 -5.67
CPV_VALLEY___CC1 323721	42.97 1.69 -0.18	39.15 1.54 0.00	37.38 1.42 -0.44	37.09 1.35 -1.93	37.71 1.41 -2.01	43.89 1.42 -6.89	73.16 2.20 0.00	93.43 2.73 14.38	87.85 2.95 16.90	78.63 2.56 15.44	62.12 2.52 0.45	57.01 2.17 -1.98	53.23 2.22 1.98	48.34 2.31 8.91	49.37 2.27 5.80	58.92 2.42 -0.29	65.52 2.40 -7.37	91.57 3.08 -21.63	71.25 2.09 -22.81	64.88 1.67 -25.14	57.66 1.60 -19.75	54.31 1.50 -18.66	48.82 1.42 -13.50	43.15 1.60 -4.30
CPV_VALLEY___CC2 323722	42.97 1.69 -0.18	39.15 1.54 0.00	37.38 1.42 -0.44	37.09 1.35 -1.93	37.71 1.41 -2.01	43.89 1.42 -6.89	73.16 2.20 0.00	93.43 2.73 14.38	87.85 2.95 16.90	78.63 2.56 15.44	62.12 2.52 0.45	57.01 2.17 -1.98	53.23 2.22 1.98	48.34 2.31 8.91	49.37 2.27 5.80	58.92 2.42 -0.29	65.52 2.40 -7.37	91.57 3.08 -21.63	71.25 2.09 -22.81	64.88 1.67 -25.14	57.66 1.60 -19.75	54.31 1.50 -18.66	48.82 1.42 -13.50	43.15 1.60 -4.30
CRESCENT___HYD 24018	43.74 2.38 -0.26	39.83 2.22 0.00	38.15 2.02 -0.61	38.42 1.93 -2.69	39.08 1.99 -2.81	56.84 2.13 -19.13	74.58 3.62 0.00	98.71 4.84 11.20	93.32 4.69 13.17	83.32 3.84 12.03	65.53 3.54 -1.94	62.36 3.06 -6.44	60.21 3.02 -4.20	57.33 3.08 0.69	57.79 3.01 -1.88	61.79 3.20 -2.38	80.95 3.34 -21.85	130.70 3.81 -60.03	112.30 2.64 -63.30	110.04 2.21 -69.76	93.27 2.14 -54.81	80.99 1.98 -44.86	54.66 1.93 -18.83	45.40 2.16 -6.00
CRICKET___VALLEY_CC1 323756	43.99 2.67 -0.22	40.05 2.44 0.00	38.28 2.24 -0.52	38.23 2.13 -2.30	38.88 2.20 -2.39	46.24 2.24 -8.42	74.79 3.83 0.00	96.94 4.94 13.08	91.61 5.19 15.38	82.22 4.76 14.05	64.70 4.02 -0.63	61.23 3.54 -4.83	60.46 3.60 -3.87	59.30 3.74 -0.61	58.91 3.60 -2.41	61.28 3.82 -1.24	68.83 3.84 -9.24	97.89 4.61 -26.42	77.37 3.15 -27.86	71.37 2.59 -30.71	62.91 2.47 -24.13	59.13 2.35 -22.63	52.22 2.27 -16.05	44.89 2.53 -5.11
CRICKET___VALLEY_CC2 323757	43.99 2.67 -0.22	40.05 2.44 0.00	38.28 2.24 -0.52	38.23 2.13 -2.30	38.88 2.20 -2.39	46.24 2.24 -8.42	74.79 3.83 0.00	96.94 4.94 13.08	91.61 5.19 15.38	82.22 4.76 14.05	64.70 4.02 -0.63	61.23 3.54 -4.83	60.46 3.60 -3.87	59.30 3.74 -0.61	58.91 3.60 -2.41	61.28 3.82 -1.24	68.83 3.84 -9.24	97.89 4.61 -26.42	77.37 3.15 -27.86	71.37 2.59 -30.71	62.91 2.47 -24.13	59.13 2.35 -22.63	52.22 2.27 -16.05	44.89 2.53 -5.11
CRICKET___VALLEY_CC3 323758	43.99 2.67 -0.22	40.05 2.44 0.00	38.28 2.24 -0.52	38.23 2.13 -2.30	38.88 2.20 -2.39	46.24 2.24 -8.42	74.79 3.83 0.00	96.94 4.94 13.08	91.61 5.19 15.38	82.22 4.76 14.05	64.70 4.02 -0.63	61.23 3.54 -4.83	60.46 3.60 -3.87	59.30 3.74 -0.61	58.91 3.60 -2.41	61.28 3.82 -1.24	68.83 3.84 -9.24	97.89 4.61 -26.42	77.37 3.15 -27.86	71.37 2.59 -30.71	62.91 2.47 -24.13	59.13 2.35 -22.63	52.22 2.27 -16.05	44.89 2.53 -5.11
CRUCIBLE_METL_DRP 24180	40.61 -0.53 -0.04	37.12 -0.49 0.00	35.09 -0.53 -0.10	33.71 -0.54 -0.45	34.35 -0.41 -0.47	36.79 -0.39 -1.61	69.68 -1.28 0.00	76.47 -2.00 26.61	68.49 -2.04 31.28	61.20 -1.74 28.58	51.89 -1.08 7.08	46.08 -0.90 5.88	47.19 -0.79 5.00	48.05 -0.82 6.07	46.26 -0.79 5.84	50.05 -0.84 5.32	56.95 -0.78 -1.99	71.63 -0.78 -5.04	51.52 -0.14 -5.31	43.81 -0.11 -5.85	40.73 -0.18 -4.60	38.74 -0.24 -4.83	37.94 -0.41 -4.45	38.25 -0.41 -1.42
DAHOWA___HYDRO 323763	43.95 2.59 -0.26	40.09 2.48 0.00	38.45 2.31 -0.62	38.70 2.17 -2.73	39.43 2.30 -2.85	58.91 2.49 -20.85	75.36 4.40 0.00	100.13 6.20 11.15	94.40 5.70 13.10	83.67 4.12 11.97	65.81 3.72 -2.03	62.66 3.22 -6.58	60.31 3.07 -4.26	57.21 3.02 0.76	57.73 2.96 -1.87	61.99 3.32 -2.46	83.34 3.74 -23.86	136.49 4.21 -65.41	118.35 3.01 -68.98	116.49 2.40 -76.02	98.29 2.25 -59.73	84.55 2.05 -48.36	54.94 1.93 -19.10	45.42 2.08 -6.09
DANC___LFGE 323619	40.19 -0.94 -0.03	36.75 -0.86 0.00	34.78 -0.82 -0.07	33.31 -0.81 -0.32	33.83 -0.79 -0.33	35.91 -0.75 -1.08	69.25 -1.70 0.00	67.25 -2.62 35.21	57.57 -2.85 41.38	50.96 -2.74 37.81	48.61 -1.80 9.64	42.93 -1.69 8.24	44.53 -1.64 6.81	45.58 -1.54 7.83	43.76 -1.43 7.72	47.51 -1.40 7.30	55.32 -1.00 -0.57	69.79 -0.46 -3.40	49.52 -0.42 -3.58	41.67 -0.34 -3.95	39.05 -0.36 -3.10	36.71 -0.41 -2.97	35.48 -0.65 -2.22	37.10 -0.86 -0.71
DANSKAMMER___1 23586	44.14 2.83 -0.21	40.20 2.59 0.00	38.40 2.38 -0.50	38.27 2.26 -2.21	38.89 2.30 -2.30	45.85 2.38 -7.89	75.22 4.26 0.00	97.22 5.57 13.42	91.72 5.70 15.78	82.22 5.12 14.42	64.60 4.20 -0.35	60.56 3.70 -4.00	58.72 3.76 -1.97	56.26 3.90 2.59	56.39 3.81 0.32	61.20 3.99 -0.99	68.40 4.07 -8.59	96.83 5.22 -24.75	75.94 3.48 -26.11	69.62 2.78 -28.77	61.57 2.65 -22.60	57.95 2.46 -21.34	51.65 2.34 -15.41	44.76 2.61 -4.91
DANSKAMMER___2 23589	44.14 2.83 -0.21	40.20 2.59 0.00	38.40 2.38 -0.50	38.27 2.26 -2.21	38.89 2.30 -2.30	45.85 2.38 -7.89	75.22 4.26 0.00	97.22 5.57 13.42	91.72 5.70 15.78	82.22 5.12 14.42	64.60 4.20 -0.35	60.56 3.70 -4.00	58.72 3.76 -1.97	56.26 3.90 2.59	56.39 3.81 0.32	61.20 3.99 -0.99	68.40 4.07 -8.59	96.83 5.22 -24.75	75.94 3.48 -26.11	69.62 2.78 -28.77	61.57 2.65 -22.60	57.95 2.46 -21.34	51.65 2.34 -15.41	44.76 2.61 -4.91
DANSKAMMER___3 23590	44.14 2.83 -0.21	40.20 2.59 0.00	38.40 2.38 -0.50	38.27 2.26 -2.21	38.89 2.30 -2.30	45.85 2.38 -7.89	75.22 4.26 0.00	97.22 5.57 13.42	91.72 5.70 15.78	82.22 5.12 14.42	64.60 4.20 -0.35	60.56 3.70 -4.00	58.72 3.76 -1.97	56.26 3.90 2.59	56.39 3.81 0.32	61.20 3.99 -0.99	68.40 4.07 -8.59	96.83 5.22 -24.75	75.94 3.48 -26.11	69.62 2.78 -28.77	61.57 2.65 -22.60	57.95 2.46 -21.34	51.65 2.34 -15.41	44.76 2.61 -4.91
DANSKAMMER___4 23591	44.14 2.83 -0.21	40.20 2.59 0.00	38.40 2.38 -0.50	38.27 2.26 -2.21	38.89 2.30 -2.30	45.85 2.38 -7.89	75.22 4.26 0.00	97.22 5.57 13.42	91.72 5.70 15.78	82.22 5.12 14.42	64.60 4.20 -0.35	60.56 3.70 -4.00	58.72 3.76 -1.97	56.26 3.90 2.59	56.39 3.81 0.32	61.20 3.99 -0.99	68.40 4.07 -8.59	96.83 5.22 -24.75	75.94 3.48 -26.11	69.62 2.78 -28.77	61.57 2.65 -22.60	57.95 2.46 -21.34	51.65 2.34 -15.41	44.76 2.61 -4.91
DANSKAMMER___DIESEL 23592	44.15 2.84 -0.21	40.21 2.60 0.00	38.40 2.38 -0.50	38.27 2.26 -2.21	38.89 2.30 -2.30	45.85 2.38 -7.89	75.22 4.26 0.00	102.76 5.57 7.89	98.23 5.70 9.27	88.17 5.12 8.47	66.15 4.20 -1.90	61.90 3.70 -5.34	59.81 3.76 -3.07	57.47 3.90 1.38	57.61 3.81 -0.90	62.38 3.99 -2.17	68.75 3.96 -9.05	96.76 5.15 -24.75	75.93 3.48 -26.11	69.54 2.70 -28.77	61.57 2.65 -22.60	58.09 2.46 -21.49	52.05 2.34 -15.80	44.89 2.61 -5.03

DARBY___SOLAR 323810	43.95 2.59 -0.26	40.05 2.44 0.00	38.41 2.28 -0.62	38.66 2.13 -2.73	39.39 2.26 -2.84	58.68 2.45 -20.65	75.22 4.26 0.00	99.92 5.99 11.15	94.29 5.60 13.11	83.75 4.21 11.98	65.86 3.79 -2.02	62.70 3.28 -6.56	60.36 3.13 -4.25	57.33 3.13 0.74	57.79 3.01 -1.88	62.04 3.37 -2.45	83.06 3.68 -23.64	135.81 4.15 -64.81	117.66 2.97 -68.34	115.75 2.36 -75.32	97.74 2.25 -59.17	84.16 2.05 -47.96	54.93 1.97 -19.06	45.44 2.12 -6.07
DASHVILLE___HYD 23610	43.70 2.38 -0.22	39.79 2.18 0.00	38.03 1.99 -0.52	37.99 1.89 -2.30	38.64 1.95 -2.39	45.84 1.35 -8.92	74.08 3.12 0.00	101.10 3.68 7.66	96.56 3.77 9.00	86.67 3.39 8.23	65.27 3.06 -2.16	61.57 3.01 -5.70	59.27 3.13 -3.16	56.54 3.24 1.65	56.87 3.17 -0.80	61.60 2.98 -2.40	68.19 2.17 -10.27	97.71 2.87 -27.98	77.71 1.85 -29.50	71.99 1.41 -32.51	63.31 1.45 -25.55	59.28 1.37 -23.77	52.18 1.80 -16.48	44.54 2.05 -5.25
DEERFIELD_69_KV_DEERFIELD LD 355887	47.40 6.08 -0.22	43.22 5.60 -0.01	41.21 5.19 -0.51	40.89 4.87 -2.22	41.64 5.04 -2.31	59.48 5.37 -18.54	89.90 10.29 -8.66	111.82 14.61 7.86	106.91 14.35 9.25	103.97 12.35 -0.10	77.82 9.01 -8.76	72.48 7.93 -11.69	72.18 8.00 -11.20	70.77 8.46 -7.36	69.26 8.25 -8.11	75.55 8.77 -10.57	99.22 8.81 -34.67	131.86 11.10 -53.90	116.40 7.69 -62.35	105.37 6.28 -61.02	99.25 6.10 -56.84	95.29 5.63 -55.51	65.05 5.29 -25.86	53.51 5.74 -10.53
DELAWARE___LFGE 323621	42.77 1.56 -0.11	39.15 1.54 0.00	37.13 1.35 -0.26	36.16 1.22 -1.15	36.78 1.30 -1.19	43.41 1.49 -6.34	73.51 2.55 0.00	92.51 3.05 15.62	86.59 3.16 18.36	77.39 2.65 16.78	60.05 2.46 2.47	54.44 2.11 0.54	53.79 2.12 1.32	53.18 2.20 3.97	52.23 2.12 2.79	56.98 2.30 1.54	65.11 2.29 -7.08	89.83 3.08 -19.89	69.41 2.09 -20.98	62.90 1.71 -23.12	56.11 1.63 -18.16	51.35 1.40 -15.80	43.98 1.29 -8.79	41.50 1.45 -2.80
DERFIELD_115KV_TB7 355931	41.31 0.21 -0.01	37.80 0.19 0.00	35.71 0.18 -0.01	34.03 0.17 -0.06	34.52 0.17 -0.07	35.79 0.21 0.00	71.31 0.35 0.00	102.56 0.95 3.46	98.65 0.92 4.07	88.62 0.82 3.72	59.80 0.66 0.91	52.69 0.58 0.75	52.95 0.58 0.62	54.81 0.60 0.75	52.71 0.53 0.72	56.09 0.56 0.69	56.16 0.61 0.20	67.26 0.40 0.00	46.58 0.23 0.00	38.26 0.19 0.00	36.49 0.18 0.00	34.54 0.17 -0.22	34.66 0.17 -0.59	37.62 0.19 -0.19
DOGLEVILLE___HYD 23807	42.13 1.03 -0.01	38.59 0.98 0.00	36.49 0.96 -0.01	34.78 0.91 -0.06	35.28 0.93 -0.07	36.60 1.03 0.00	72.94 1.98 0.00	102.87 3.57 5.79	98.35 3.35 6.80	88.14 2.84 6.22	60.52 2.04 1.57	53.28 1.74 1.32	53.65 1.75 1.08	55.46 1.76 1.25	53.41 1.74 1.23	56.88 1.85 1.18	57.33 1.95 0.37	68.94 2.07 0.00	47.70 1.35 0.00	39.13 1.06 0.00	37.33 1.02 0.00	35.23 0.92 -0.16	35.26 0.92 -0.44	38.35 0.97 -0.14
DUNKIRK___115KV_TB_200 55889	39.39 -1.77 -0.06	36.71 -0.90 0.00	33.67 -1.99 -0.14	32.31 -2.10 -0.60	33.10 -1.82 -0.63	36.74 -1.03 -2.20	65.99 -4.97 0.00	70.47 -7.99 26.62	62.67 -7.84 31.29	55.42 -7.50 28.59	48.23 -4.92 6.89	42.96 -4.33 5.57	43.27 -4.87 4.84	43.74 -5.06 6.15	42.13 -4.97 5.80	46.01 -5.06 5.15	52.37 -4.85 -1.47	69.62 -4.15 -6.90	50.99 -2.64 -7.28	43.81 -2.28 -8.02	40.62 -2.00 -6.30	37.77 -2.63 -6.25	36.91 -2.51 -5.52	37.03 -1.97 -1.76
DUNKIRK___1 23563	39.39 -1.77 -0.06	36.71 -0.90 0.00	33.67 -1.99 -0.14	32.31 -2.10 -0.60	33.10 -1.82 -0.63	36.74 -1.03 -2.20	65.99 -4.97 0.00	70.47 -7.99 26.62	62.67 -7.84 31.29	55.42 -7.50 28.59	48.23 -4.92 6.89	42.96 -4.33 5.57	43.27 -4.87 4.84	43.74 -5.06 6.15	42.13 -4.97 5.80	46.01 -5.06 5.15	52.37 -4.85 -1.47	69.62 -4.15 -6.90	50.99 -2.64 -7.28	43.81 -2.28 -8.02	40.62 -2.00 -6.30	37.77 -2.63 -6.25	36.91 -2.51 -5.52	37.03 -1.97 -1.76
DUNKIRK___2 23564	39.39 -1.77 -0.06	36.71 -0.90 0.00	33.67 -1.99 -0.14	32.31 -2.10 -0.60	33.10 -1.82 -0.63	36.74 -1.03 -2.20	65.99 -4.97 0.00	70.47 -7.99 26.62	62.67 -7.84 31.29	55.42 -7.50 28.59	48.23 -4.92 6.89	42.96 -4.33 5.57	43.27 -4.87 4.84	43.74 -5.06 6.15	42.13 -4.97 5.80	46.01 -5.06 5.15	52.37 -4.85 -1.47	69.62 -4.15 -6.90	50.99 -2.64 -7.28	43.81 -2.28 -8.02	40.62 -2.00 -6.30	37.77 -2.63 -6.25	36.91 -2.51 -5.52	37.03 -1.97 -1.76
DUNKIRK___3 23565	39.23 -1.93 -0.06	36.67 -0.94 0.00	33.53 -2.13 -0.14	32.18 -2.23 -0.61	33.00 -1.92 -0.63	36.75 -1.03 -2.21	65.99 -4.97 0.00	70.21 -8.30 26.57	62.43 -8.14 31.23	55.20 -7.78 28.53	48.07 -5.10 6.87	42.77 -4.55 5.54	43.18 -4.98 4.83	43.64 -5.17 6.14	42.04 -5.08 5.78	45.86 -5.23 5.13	52.22 -5.02 -1.49	69.44 -4.35 -6.93	50.92 -2.73 -7.30	43.76 -2.36 -8.05	40.57 -2.07 -6.32	37.65 -2.77 -6.27	36.79 -2.64 -5.53	36.85 -2.16 -1.76
DUNKIRK___4 23566	39.27 -1.89 -0.06	36.63 -0.98 0.00	33.52 -2.13 -0.14	32.17 -2.23 -0.60	32.99 -1.92 -0.62	36.68 -1.07 -2.18	65.92 -5.04 0.00	70.01 -8.30 26.77	62.19 -8.14 31.47	55.08 -7.69 28.75	47.99 -5.10 6.95	42.68 -4.55 5.64	43.06 -5.03 4.89	43.55 -5.22 6.18	41.93 -5.13 5.84	45.79 -5.23 5.20	52.15 -5.02 -1.42	69.28 -4.41 -6.83	50.77 -2.78 -7.20	43.61 -2.40 -7.94	40.44 -2.11 -6.24	37.56 -2.77 -6.18	36.74 -2.64 -5.48	36.87 -2.12 -1.75
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	44.11 2.79 -0.21	40.13 2.52 0.00	38.36 2.34 -0.50	38.24 2.23 -2.21	38.85 2.26 -2.30	45.79 2.35 -7.87	74.93 3.97 0.00	102.78 5.57 7.87	98.35 5.80 9.26	88.37 5.31 8.46	66.28 4.32 -1.91	62.74 3.86 -6.02	62.48 3.92 -5.57	62.41 4.07 -3.40	61.61 3.91 -4.79	62.56 4.16 -2.18	68.90 4.13 -9.03	96.76 5.22 -24.69	75.91 3.52 -26.03	69.50 2.74 -28.69	61.54 2.69 -22.54	58.16 2.56 -21.46	52.18 2.44 -15.84	45.05 2.76 -5.05
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	43.65 2.34 -0.20	39.76 2.14 0.00	37.99 1.99 -0.48	37.84 1.89 -2.15	38.48 1.95 -2.24	45.20 1.96 -7.67	74.36 3.41 0.00	101.38 4.31 8.01	96.86 4.48 9.42	86.84 3.94 8.61	65.21 3.42 -1.74	60.57 3.01 -4.70	57.46 3.07 -1.40	53.82 3.19 4.31	54.46 3.12 1.56	61.56 3.32 -2.03	67.77 3.23 -8.79	95.21 4.28 -24.07	74.56 2.83 -25.38	68.21 2.17 -27.97	60.47 2.18 -21.98	57.09 2.05 -20.90	51.22 1.93 -15.39	44.34 2.20 -4.90
E179THST_138_KV_TB4_REV_LBMP_J 345001	44.61 3.29 -0.22	40.63 3.01 -0.01	38.83 2.81 -0.51	38.69 2.67 -2.22	39.31 2.71 -2.31	46.04 2.60 -7.87	74.65 3.69 0.00	101.94 4.73 7.87	97.43 4.89 9.26	87.54 4.48 8.46	65.92 3.96 -1.91	62.47 3.59 -6.02	62.26 3.71 -5.57	62.19 3.85 -3.40	61.39 3.70 -4.79	62.28 3.88 -2.18	68.56 3.79 -9.03	96.43 4.88 -24.69	75.58 3.20 -26.03	69.20 2.44 -28.69	61.29 2.43 -22.54	58.13 2.53 -21.46	52.49 2.75 -15.84	45.54 3.24 -5.05
E179THST_13_KV_LOAD 356214	44.77 3.45 -0.22	40.78 3.16 -0.01	38.98 2.95 -0.51	38.79 2.77 -2.22	39.44 2.85 -2.31	46.18 2.74 -7.87	74.93 3.97 0.00	102.36 5.15 7.87	97.94 5.40 9.26	88.00 4.94 8.46	66.22 4.26 -1.91	62.68 3.81 -6.02	62.47 3.92 -5.57	62.47 4.12 -3.40	61.66 3.97 -4.79	62.56 4.16 -2.18	68.84 4.07 -9.03	96.76 5.22 -24.69	75.82 3.43 -26.03	69.39 2.63 -28.69	61.47 2.61 -22.54	58.30 2.70 -21.46	52.62 2.88 -15.84	45.69 3.39 -5.05

EAST HAMPTON___GT 23717	47.89 6.57 -0.22	43.68 6.06 -0.01	41.64 5.61 -0.51	41.29 5.27 -2.22	42.05 5.45 -2.31	59.95 5.83 -18.54	90.96 11.35 -8.66	107.56 15.87 13.39	101.64 15.58 15.74	99.04 13.36 5.83	76.94 9.67 -7.22	71.77 8.56 -10.35	71.68 8.58 -10.12	70.13 9.01 -6.17	68.65 8.83 -6.91	75.16 9.56 -9.39	99.66 9.70 -34.21	132.94 12.17 -53.90	117.19 8.48 -62.35	106.10 7.00 -61.02	99.84 6.68 -56.84	95.65 6.14 -55.36	65.16 5.80 -25.47	53.84 6.18 -10.41
EAST RIVER___6 23660	44.19 2.88 -0.21	40.17 2.56 0.00	38.40 2.38 -0.50	38.24 2.23 -2.21	38.89 2.30 -2.30	45.75 2.31 -7.87	74.86 3.90 0.00	97.25 5.57 13.40	92.06 6.00 15.75	82.61 5.49 14.39	64.86 4.44 -0.37	61.51 3.97 -4.68	61.56 4.08 -4.49	61.40 4.23 -2.22	60.57 4.07 -3.60	61.49 4.27 -1.01	68.67 4.35 -8.57	97.03 5.48 -24.68	76.04 3.66 -26.03	69.61 2.86 -28.69	61.54 2.69 -22.54	58.08 2.63 -21.31	51.85 2.51 -15.44	44.99 2.83 -4.92
EAST RIVER___7 23524	44.19 2.88 -0.21	40.17 2.56 0.00	38.40 2.38 -0.50	38.24 2.23 -2.21	38.89 2.30 -2.30	45.75 2.31 -7.87	74.86 3.90 0.00	97.25 5.57 13.40	92.06 6.00 15.75	82.61 5.49 14.39	64.86 4.44 -0.37	61.51 3.97 -4.68	61.56 4.08 -4.49	61.40 4.23 -2.22	60.57 4.07 -3.60	61.49 4.27 -1.01	68.67 4.35 -8.57	97.03 5.48 -24.68	76.04 3.66 -26.03	69.61 2.86 -28.69	61.54 2.69 -22.54	58.08 2.63 -21.31	51.85 2.51 -15.44	44.99 2.83 -4.92
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	44.06 2.75 -0.21	40.09 2.48 0.00	38.33 2.31 -0.50	38.21 2.20 -2.21	38.85 2.26 -2.30	45.74 2.31 -7.86	74.86 3.90 0.00	102.56 5.36 7.88	98.14 5.60 9.26	88.18 5.12 8.46	66.16 4.20 -1.90	62.64 3.75 -6.03	62.45 3.81 -5.65	62.46 3.96 -3.56	61.63 3.81 -4.92	62.44 4.05 -2.18	68.78 4.01 -9.02	96.60 5.08 -24.66	75.78 3.43 -26.00	69.35 2.63 -28.66	61.44 2.61 -22.51	58.07 2.49 -21.43	52.09 2.37 -15.82	44.97 2.68 -5.04
EAST_HAMPTON___DIESEL 23722	47.89 6.57 -0.22	43.71 6.09 -0.01	41.64 5.61 -0.51	41.29 5.27 -2.22	42.05 5.45 -2.31	59.95 5.83 -18.54	90.96 11.35 -8.66	107.66 15.97 13.39	101.73 15.67 15.74	99.14 13.46 5.83	77.00 9.73 -7.22	71.77 8.56 -10.35	71.74 8.64 -10.12	70.13 9.01 -6.17	68.65 8.83 -6.91	75.22 9.61 -9.39	99.66 9.70 -34.21	133.00 12.24 -53.90	117.19 8.48 -62.35	106.10 7.00 -61.02	99.87 6.72 -56.84	95.65 6.14 -55.36	65.16 5.80 -25.47	53.84 6.18 -10.41
EAST_PULASKI___ESR 323781	40.02 -1.11 -0.03	36.60 -1.02 0.00	34.64 -0.96 -0.08	33.22 -0.95 -0.36	33.78 -0.89 -0.38	35.80 -1.03 -1.26	68.62 -2.34 0.00	76.38 -3.57 25.13	68.60 -3.66 29.53	61.23 -3.29 26.99	51.14 -2.10 6.81	45.19 -1.90 5.77	46.29 -1.85 4.84	47.39 -1.87 5.69	45.60 -1.75 5.55	49.27 -1.80 5.14	56.42 -1.56 -2.24	69.53 -1.27 -3.94	49.68 -0.83 -4.16	41.97 -0.69 -4.58	39.22 -0.69 -3.60	37.39 -0.61 -3.85	36.73 -0.85 -3.68	37.48 -0.93 -1.17
EAST_RIVER___1 323558	44.19 2.88 -0.21	40.20 2.59 0.00	38.47 2.45 -0.50	38.31 2.30 -2.21	38.92 2.33 -2.30	45.82 2.38 -7.87	74.93 3.97 0.00	97.14 5.46 13.40	91.85 5.80 15.75	82.43 5.31 14.39	64.80 4.38 -0.37	61.40 3.86 -4.68	61.45 3.98 -4.49	61.29 4.12 -2.22	60.47 3.97 -3.60	61.38 4.16 -1.01	68.55 4.23 -8.57	96.90 5.35 -24.68	75.95 3.57 -26.03	69.57 2.82 -28.69	61.50 2.65 -22.54	58.05 2.59 -21.31	51.85 2.51 -15.44	45.03 2.87 -4.92
EAST_RIVER___2 323559	44.19 2.88 -0.21	40.17 2.56 0.00	38.40 2.38 -0.50	38.24 2.23 -2.21	38.89 2.30 -2.30	45.75 2.31 -7.87	74.86 3.90 0.00	97.25 5.57 13.40	92.06 6.00 15.75	82.61 5.49 14.39	64.86 4.44 -0.37	61.51 3.97 -4.68	61.56 4.08 -4.49	61.40 4.23 -2.22	60.57 4.07 -3.60	61.49 4.27 -1.01	68.67 4.35 -8.57	97.03 5.48 -24.68	76.04 3.66 -26.03	69.61 2.86 -28.69	61.54 2.69 -22.54	58.08 2.63 -21.31	51.85 2.51 -15.44	44.99 2.83 -4.92
EAST___DELAWARE_HYD 23607	44.09 2.80 -0.19	40.17 2.56 0.00	38.32 2.34 -0.46	38.06 2.23 -2.03	38.70 2.30 -2.11	45.44 2.38 -7.49	75.29 4.33 0.00	96.51 5.46 14.03	90.80 5.49 16.49	81.20 4.76 15.07	63.78 3.90 0.17	59.16 3.39 -2.92	56.75 3.50 -0.27	53.47 3.57 5.05	53.91 3.54 2.54	60.52 3.77 -0.54	67.68 3.84 -8.09	95.57 5.22 -23.49	74.55 3.43 -24.77	68.11 2.74 -27.30	60.34 2.58 -21.45	56.58 2.35 -20.08	50.27 2.20 -14.17	44.22 2.46 -4.51
EIGHT_POINT___WT_PWR 323820	40.88 -0.29 -0.07	37.95 0.34 0.00	35.04 -0.64 -0.16	33.73 -0.78 -0.70	34.54 -0.48 -0.73	38.35 0.18 -2.60	68.83 -2.13 0.00	59.73 -3.26 42.10	48.86 -3.46 49.48	42.73 -3.57 45.21	46.54 -2.52 10.99	41.66 -2.27 8.93	43.01 -2.33 7.65	43.01 -2.42 9.52	41.68 -2.17 9.05	45.97 -2.02 8.23	54.91 -1.50 -0.67	74.56 -0.46 -8.16	54.91 -0.05 -8.61	47.37 -0.19 -9.49	43.87 0.11 -7.45	40.32 -0.65 -6.82	37.99 -0.61 -4.70	38.30 -0.45 -1.50
ELBRIDGE_115KV_TB2 80188	40.40 -0.74 -0.04	36.97 -0.64 0.00	34.95 -0.67 -0.11	33.59 -0.68 -0.47	34.19 -0.58 -0.49	36.70 -0.53 -1.66	69.33 -1.63 0.00	75.70 -2.63 26.76	67.81 -2.55 31.45	60.49 -2.29 28.74	51.57 -1.38 7.10	45.77 -1.22 5.87	46.81 -1.17 5.01	47.63 -1.21 6.11	45.92 -1.11 5.86	49.70 -1.18 5.33	56.75 -1.11 -2.12	71.35 -0.74 -5.22	51.44 -0.42 -5.51	43.76 -0.38 -6.07	40.68 -0.40 -4.77	38.69 -0.44 -4.98	37.84 -0.61 -4.55	38.10 -0.60 -1.45
ELEC_TRO_TEK 24086	44.90 3.58 -0.23	40.90 3.27 -0.02	39.13 3.09 -0.52	38.93 2.91 -2.23	39.59 2.98 -2.32	64.41 3.02 -25.82	85.01 5.39 -8.66	104.79 7.57 7.86	100.30 7.74 9.24	104.22 6.77 -5.94	78.83 5.34 -13.43	73.23 4.81 -15.56	72.90 4.87 -15.04	70.19 5.17 -10.07	65.98 4.97 -8.11	71.95 5.17 -10.57	112.88 5.02 -52.11	146.84 6.22 -73.76	137.61 4.22 -87.04	124.41 3.35 -83.00	119.73 3.27 -80.15	116.04 3.21 -78.68	62.85 3.09 -25.86	54.95 3.43 -14.28
ELLENBURG_WT_PWR 323604	42.33 1.23 0.00	38.78 1.17 0.00	36.73 1.21 0.00	34.65 0.85 0.00	35.11 0.82 0.00	36.39 0.82 0.00	73.37 2.41 0.00	104.54 2.31 2.85	100.38 1.93 3.35	91.11 2.66 3.06	60.34 1.14 0.85	53.02 0.95 0.79	53.16 0.80 0.62	55.16 0.83 0.61	52.83 0.58 0.65	56.40 0.84 0.66	56.42 0.67 0.00	67.86 1.00 0.00	47.23 0.88 0.00	38.87 0.80 0.00	36.89 0.58 0.00	34.73 0.58 0.00	34.31 0.41 0.00	38.10 0.86 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	38.69 -2.47 -0.06	35.99 -1.62 0.00	33.20 -2.45 -0.13	31.85 -2.54 -0.59	32.67 -2.23 -0.61	36.14 -1.57 -2.13	64.64 -6.32 0.00	68.58 -9.46 27.05	60.84 -9.16 31.80	54.04 -8.42 29.05	47.27 -5.70 7.07	42.07 -5.02 5.77	42.44 -5.56 4.99	43.00 -5.71 6.24	41.32 -5.66 5.92	45.02 -5.90 5.29	51.22 -5.85 -1.33	67.86 -5.68 -6.69	49.74 -3.66 -7.05	42.76 -3.08 -7.77	39.66 -2.76 -6.11	36.99 -3.21 -6.05	36.26 -3.05 -5.41	36.47 -2.50 -1.72
EMPIRE_CC_1 323656	42.95 1.60 -0.25	39.12 1.51 0.00	37.49 1.38 -0.59	37.68 1.28 -2.60	38.33 1.34 -2.71	47.72 1.39 -10.76	72.80 1.84 0.00	95.17 1.68 11.59	89.80 1.62 13.62	80.44 1.37 12.44	63.80 2.10 -1.65	60.80 1.90 -6.04	58.85 1.85 -4.01	56.26 1.92 0.61	56.57 1.85 -1.82	60.30 1.97 -2.12	69.76 1.95 -12.06	102.50 1.87 -33.77	83.26 1.30 -35.62	78.61 1.30 -39.25	68.56 1.41 -30.84	63.50 1.30 -28.06	53.43 1.36 -18.17	44.53 1.49 -5.79

EMPIRE_CC_2 323658	42.95 1.60 -0.25	39.12 1.51 0.00	37.49 1.38 -0.59	37.68 1.28 -2.60	38.33 1.34 -2.71	47.72 1.39 -10.76	72.80 1.84 0.00	95.17 1.68 11.59	89.80 1.62 13.62	80.44 1.37 12.44	63.80 2.10 -1.65	60.80 1.90 -6.04	58.85 1.85 -4.01	56.26 1.92 0.61	56.57 1.85 -1.82	60.30 1.97 -2.12	69.76 1.95 -12.06	102.50 1.87 -33.77	83.26 1.30 -35.62	78.61 1.30 -39.25	68.56 1.41 -30.84	63.50 1.30 -28.06	53.43 1.36 -18.17	44.53 1.49 -5.79
ENORWICH_115KV_TB1 80156	44.97 3.78 -0.09	41.41 3.80 0.00	39.06 3.34 -0.20	37.75 3.04 -0.91	38.46 3.22 -0.95	43.43 3.84 -4.01	78.69 7.73 0.00	95.98 11.35 20.45	88.55 10.79 24.04	78.61 9.06 21.97	61.62 5.94 4.37	55.52 5.34 2.68	55.66 5.51 2.83	55.49 5.49 4.95	54.19 5.40 4.10	59.03 5.90 3.09	66.89 6.75 -4.40	88.75 9.29 -12.59	65.80 6.16 -13.28	57.73 5.03 -14.63	52.39 4.58 -11.50	48.56 3.76 -10.66	44.41 3.15 -7.35	42.98 3.39 -2.34
ERIE_ST__34_KV_TB1-2 80199	39.06 -2.10 -0.06	37.16 -0.45 0.00	33.10 -2.56 -0.13	31.76 -2.64 -0.59	32.61 -2.30 -0.62	37.27 -0.46 -2.16	66.98 -3.97 0.00	69.54 -8.72 26.82	61.72 -8.55 31.53	54.38 -8.33 28.81	47.67 -5.40 6.98	42.39 -4.81 5.66	42.93 -5.14 4.91	43.43 -5.33 6.19	41.81 -5.24 5.86	45.60 -5.40 5.22	52.13 -5.02 -1.40	70.10 -3.54 -6.78	51.33 -2.18 -7.15	44.01 -1.94 -7.88	40.83 -1.67 -6.19	37.28 -3.00 -6.14	36.28 -3.09 -5.46	36.38 -2.61 -1.74
ERIE_WT_PWR 323693	39.02 -2.14 -0.06	36.45 -1.17 0.00	33.35 -2.31 -0.13	31.99 -2.40 -0.59	32.81 -2.09 -0.62	36.44 -1.28 -2.15	65.50 -5.46 0.00	51.31 -8.83 44.94	40.42 -8.55 52.83	35.38 -7.87 48.27	42.60 -5.40 12.04	38.04 -4.76 10.06	39.27 -5.25 8.46	39.47 -5.38 10.09	37.72 -5.40 9.78	41.58 -5.57 9.07	50.20 -5.41 0.14	68.67 -4.95 -6.75	50.27 -3.20 -7.12	43.06 -2.86 -7.85	40.12 -2.36 -6.17	36.73 -3.04 -5.62	35.56 -2.47 -4.13	36.21 -2.35 -1.32
ESPRGFLD_115KV_TB1 80157	42.98 1.89 0.01	39.49 1.88 0.00	37.13 1.63 0.03	35.16 1.49 0.13	35.80 1.65 0.13	52.90 1.99 -15.34	74.86 3.90 0.00	99.94 5.25 10.40	94.57 4.99 12.22	84.10 3.75 11.17	59.82 3.12 3.35	52.28 2.64 3.23	53.43 2.65 2.21	55.95 2.64 1.63	53.47 2.59 2.02	56.51 2.92 2.63	76.75 3.29 -17.71	119.46 4.48 -48.12	100.15 3.06 -50.74	96.43 2.44 -55.92	82.50 2.25 -43.94	66.41 2.05 -30.22	35.34 1.80 0.36	39.07 1.94 0.11
ETNA_115_KV_TB1_REV_LBMP_C 345029	41.87 0.70 -0.07	38.36 0.75 0.00	36.18 0.50 -0.16	34.93 0.41 -0.72	35.62 0.58 -0.75	39.18 0.85 -2.75	72.09 1.14 0.00	83.44 1.58 23.21	75.94 1.43 27.29	67.41 0.82 24.93	55.16 0.66 5.55	49.44 0.63 4.06	50.00 0.79 3.78	50.19 0.71 5.47	48.71 0.69 4.88	53.05 0.90 4.06	59.90 1.17 -2.98	77.70 2.21 -8.63	57.08 1.62 -9.10	49.40 1.29 -10.03	45.36 1.16 -7.88	42.74 0.85 -7.74	40.65 0.54 -6.21	39.89 0.67 -1.98
ETNA_____115KV_TB2 80207	41.87 0.70 -0.07	38.36 0.75 0.00	36.18 0.50 -0.16	34.93 0.41 -0.72	35.62 0.58 -0.75	39.18 0.85 -2.75	72.09 1.14 0.00	83.44 1.58 23.21	75.94 1.43 27.29	67.41 0.82 24.93	55.16 0.66 5.55	49.44 0.63 4.06	50.00 0.79 3.78	50.19 0.71 5.47	48.71 0.69 4.88	53.05 0.90 4.06	59.90 1.17 -2.98	77.70 2.21 -8.63	57.08 1.62 -9.10	49.40 1.29 -10.03	45.36 1.16 -7.88	42.74 0.85 -7.74	40.65 0.54 -6.21	39.89 0.67 -1.98
EUCLID___115KV_TB2 356179	40.07 -1.07 -0.04	36.63 -0.98 0.00	34.66 -0.96 -0.09	33.27 -0.95 -0.42	33.83 -0.89 -0.44	36.17 -0.85 -1.46	68.69 -2.27 0.00	75.22 -3.78 26.08	67.59 -3.56 30.65	60.31 -3.20 28.01	51.08 -1.98 6.99	45.26 -1.74 5.85	46.33 -1.70 4.96	47.25 -1.76 5.94	45.46 -1.69 5.74	49.21 -1.74 5.27	55.27 -1.73 -1.25	70.03 -1.40 -4.57	50.24 -0.93 -4.82	42.62 -0.76 -5.31	39.72 -0.76 -4.17	37.81 -0.79 -4.45	37.24 -0.88 -4.22	37.66 -0.93 -1.35
E_CANADA_CAP_HY 24051	43.51 2.09 -0.32	39.68 2.07 0.00	38.11 1.85 -0.75	38.83 1.72 -3.31	39.66 1.92 -3.45	56.35 2.21 -18.57	75.43 4.47 0.00	96.66 6.20 14.62	90.32 5.70 17.18	79.94 4.12 15.70	65.67 3.48 -2.14	63.36 2.96 -7.55	60.27 2.86 -4.43	55.70 2.86 2.10	56.95 2.80 -1.25	62.15 3.20 -2.73	80.74 3.96 -21.03	129.94 4.82 -58.26	111.18 3.38 -61.44	108.45 2.66 -67.71	91.98 2.47 -53.20	82.02 2.53 -45.35	59.35 2.31 -23.15	47.00 2.39 -7.37
E_CANADA_MHWK_HY 24050	42.13 1.03 -0.01	38.59 0.98 0.00	36.49 0.96 -0.01	34.78 0.91 -0.06	35.28 0.93 -0.07	36.60 1.03 0.00	72.94 1.98 0.00	102.87 3.57 5.79	98.35 3.35 6.80	88.14 2.84 6.22	60.52 2.04 1.57	53.28 1.74 1.32	53.65 1.75 1.08	55.46 1.76 1.25	53.41 1.74 1.23	56.88 1.85 1.18	57.33 1.95 0.37	68.94 2.07 0.00	47.70 1.35 0.00	39.13 1.06 0.00	37.33 1.02 0.00	35.23 0.92 -0.16	35.26 0.92 -0.44	38.35 0.97 -0.14
E_FISHKILL___LBMP 23776	43.82 2.51 -0.21	39.91 2.29 0.00	38.16 2.13 -0.50	38.06 2.03 -2.24	38.67 2.06 -2.33	45.66 2.13 -7.96	74.51 3.55 0.00	101.99 4.73 7.82	97.59 4.99 9.19	87.60 4.48 8.40	65.87 3.84 -1.97	62.15 3.38 -5.91	61.27 3.44 -4.84	60.41 3.57 -1.89	59.94 3.44 -3.60	62.11 3.65 -2.24	68.50 3.62 -9.13	96.37 4.55 -24.96	75.74 3.06 -26.33	69.48 2.40 -29.01	61.47 2.36 -22.79	58.10 2.25 -21.70	52.05 2.14 -16.01	44.77 2.42 -5.10
FALCON___SEABRD_CC1 323796	42.91 1.81 0.00	39.34 1.73 0.00	37.26 1.74 0.00	34.95 1.15 0.00	35.38 1.10 0.00	36.74 1.17 0.00	74.01 3.05 0.00	104.81 2.63 2.90	100.53 2.14 3.41	91.69 3.29 3.11	60.94 1.68 0.79	53.67 1.48 0.67	53.76 1.33 0.55	55.64 1.32 0.62	53.28 1.00 0.62	56.91 1.29 0.60	56.97 1.22 0.00	68.60 1.74 0.00	47.74 1.39 0.00	39.25 1.18 0.00	37.22 0.91 0.00	35.03 0.89 0.00	34.58 0.68 0.00	38.62 1.38 0.00
FALCON___SEABRD_CC2 323797	42.91 1.81 0.00	39.34 1.73 0.00	37.26 1.74 0.00	34.95 1.15 0.00	35.38 1.10 0.00	36.74 1.17 0.00	74.01 3.05 0.00	104.81 2.63 2.90	100.53 2.14 3.41	91.69 3.29 3.11	60.94 1.68 0.79	53.67 1.48 0.67	53.76 1.33 0.55	55.64 1.32 0.62	53.28 1.00 0.62	56.91 1.29 0.60	56.97 1.22 0.00	68.60 1.74 0.00	47.74 1.39 0.00	39.25 1.18 0.00	37.22 0.91 0.00	35.03 0.89 0.00	34.58 0.68 0.00	38.62 1.38 0.00
FAR ROCKAWAY___4 23548	45.52 4.19 -0.23	41.51 3.87 -0.02	39.66 3.62 -0.51	39.44 3.41 -2.23	40.10 3.50 -2.32	62.82 3.56 -23.69	85.50 5.89 -8.66	105.52 8.30 7.86	100.91 8.35 9.24	103.98 8.24 -4.23	78.43 6.31 -12.07	72.95 5.66 -14.43	72.63 5.72 -13.92	69.78 5.55 -9.28	66.35 5.34 -8.11	72.40 5.62 -10.57	108.16 5.41 -47.01	141.49 6.69 -67.94	130.80 4.64 -79.81	118.28 3.65 -76.56	113.23 3.59 -73.33	109.53 3.48 -71.90	63.12 3.36 -25.86	54.42 3.99 -13.19
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	44.23 2.92 -0.21	40.24 2.63 0.00	38.47 2.45 -0.50	38.31 2.30 -2.21	38.96 2.37 -2.30	45.86 2.42 -7.87	74.93 3.97 0.00	102.78 5.57 7.87	98.45 5.90 9.26	88.37 5.31 8.46	66.34 4.38 -1.91	62.79 3.91 -6.02	62.53 3.97 -5.57	62.53 4.18 -3.40	61.72 4.02 -4.80	62.61 4.22 -2.18	68.95 4.18 -9.03	96.89 5.35 -24.69	75.95 3.57 -26.03	69.50 2.74 -28.69	61.54 2.69 -22.54	58.23 2.63 -21.46	52.25 2.51 -15.84	45.20 2.91 -5.05

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	44.27 2.96 -0.21	40.24 2.63 0.00	38.51 2.49 -0.50	38.34 2.33 -0.21	38.96 2.37 -0.30	45.86 2.42 -7.87	74.93 3.97 0.00	102.78 5.57 7.87	98.45 5.90 9.26	88.37 5.31 8.46	66.34 4.38 -1.91	62.79 3.91 -6.02	62.53 3.97 -5.57	62.53 4.18 -3.40	61.72 4.02 -4.80	62.61 4.22 -2.18	68.95 4.18 -9.03	96.89 5.35 -24.69	75.95 3.57 -26.03	69.50 2.74 -28.69	61.54 2.69 -22.54	58.27 2.66 -21.46	52.25 2.51 -15.84	45.20 2.91 -5.05
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	44.23 2.92 -0.21	40.24 2.63 0.00	38.47 2.45 -0.50	38.31 2.30 -0.21	38.96 2.37 -0.30	45.82 2.38 -7.87	74.93 3.97 0.00	102.67 5.46 7.87	98.35 5.80 9.26	88.27 5.22 8.46	66.28 4.32 -1.91	62.74 3.86 -6.02	62.53 3.97 -5.57	62.47 4.12 -3.40	61.66 3.97 -4.80	62.61 4.22 -2.18	68.95 4.18 -9.03	96.83 5.28 -24.69	75.91 3.52 -26.03	69.46 2.70 -28.69	61.50 2.65 -22.54	58.23 2.63 -21.46	52.21 2.47 -15.84	45.16 2.87 -5.05
FARRAGUT___LBMP 323566	44.19 2.88 -0.21	40.21 2.60 0.00	38.44 2.42 -0.50	38.28 2.26 -0.21	38.92 2.33 -0.30	45.79 2.35 -7.87	74.86 3.90 0.00	102.57 5.36 7.87	98.25 5.70 9.26	88.18 5.12 8.46	66.22 4.26 -1.91	62.69 3.81 -6.02	62.48 3.92 -5.57	62.42 4.07 -3.40	61.61 3.91 -4.80	62.56 4.16 -2.18	68.90 4.13 -9.03	96.76 5.22 -24.69	75.86 3.48 -26.03	69.42 2.66 -28.69	61.47 2.61 -22.54	58.20 2.60 -21.46	52.21 2.47 -15.84	45.16 2.87 -5.05
FENNER___WINDPWR 24204	41.88 0.74 -0.04	38.36 0.75 0.00	36.22 0.60 -0.10	34.78 0.54 -0.44	35.40 0.65 -0.46	37.99 0.85 -1.57	72.45 1.49 0.00	76.37 2.31 31.02	67.37 2.04 36.46	59.75 1.55 33.32	53.02 1.14 8.17	47.16 1.00 6.70	48.35 1.06 5.70	49.06 1.10 6.98	47.33 1.11 6.68	51.38 1.29 6.13	57.86 1.51 -0.61	73.91 2.14 -4.91	52.92 1.39 -5.18	44.92 1.14 -5.71	41.82 1.02 -4.49	39.21 0.82 -4.25	37.64 0.64 -3.09	38.86 0.63 -0.98
FIBERTEK___ENERGY 23856	40.61 -0.53 -0.04	37.12 -0.49 0.00	35.09 -0.53 -0.10	33.71 -0.54 -0.45	34.35 -0.41 -0.47	36.79 -0.39 -1.61	69.68 -1.28 0.00	76.47 -2.00 26.61	68.49 -2.04 31.28	61.20 -1.74 28.58	51.89 -1.08 7.08	46.08 -0.90 5.88	47.19 -0.79 5.00	48.05 -0.82 6.07	46.26 -0.79 5.84	50.05 -0.84 5.32	56.95 -0.78 -1.99	71.63 -0.27 -5.04	51.52 -0.14 -5.31	43.81 -0.11 -5.85	40.73 -0.18 -4.60	38.74 -0.24 -4.83	37.94 -0.41 -4.45	38.25 -0.41 -1.42
FITZPATRICK____ 23598	39.53 -1.60 -0.03	36.11 -1.51 0.00	34.17 -1.42 -0.07	32.74 -1.39 -0.33	33.29 -1.34 -0.34	35.29 -1.39 -1.11	67.84 -3.12 0.00	45.91 -4.83 54.34	33.25 -4.68 63.87	28.95 -4.21 58.36	42.05 -2.70 15.30	37.10 -2.32 13.43	39.74 -2.33 10.91	40.56 -2.42 11.97	38.52 -2.33 12.06	42.08 -2.47 11.67	55.04 -2.45 -1.75	67.86 -2.47 -3.47	48.30 -1.71 -3.66	40.65 -1.45 -4.03	38.14 -1.34 -3.17	35.89 -1.30 -3.04	34.90 -1.29 -2.28	36.56 -1.42 -0.73
FLOWRFLD_69_KV_BK1 356044	46.09 4.77 -0.22	41.98 4.36 -0.01	40.08 4.05 -0.51	39.84 3.82 -0.22	40.54 3.94 -0.31	58.29 4.13 -18.59	87.35 7.73 -8.66	108.25 11.03 7.86	103.55 10.99 9.25	101.17 9.52 -0.14	76.05 7.21 -8.79	70.97 6.40 -11.71	70.67 6.46 -11.22	69.19 6.87 -7.38	67.62 6.61 -8.11	73.81 7.03 -10.57	97.50 6.97 -34.78	129.59 8.69 -54.04	114.85 5.98 -62.52	104.00 4.76 -61.17	97.96 4.65 -57.00	94.21 4.40 -55.66	63.93 4.17 -25.86	52.35 4.54 -10.56
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	44.23 2.92 -0.21	40.28 2.67 0.00	38.47 2.45 -0.50	38.35 2.33 -0.22	38.99 2.40 -0.31	45.93 2.45 -7.91	75.43 4.47 0.00	102.98 5.78 7.88	98.45 5.90 9.26	88.36 5.31 8.46	66.34 4.38 -1.91	62.14 3.86 -5.42	60.15 3.87 -3.30	58.00 4.01 0.96	58.11 3.97 -1.25	62.56 4.16 -2.18	68.94 4.13 -9.07	97.02 5.35 -24.81	76.08 3.57 -26.16	69.68 2.78 -28.83	61.69 2.72 -22.65	58.24 2.56 -21.54	52.15 2.41 -15.84	45.01 2.72 -5.05
FORT ORANGE____ 23900	43.16 1.81 -0.25	39.34 1.73 0.00	37.68 1.56 -0.60	37.94 1.49 -0.26	38.53 1.47 -0.27	51.56 1.46 -14.53	73.30 2.34 0.00	96.31 2.63 11.40	90.95 2.55 13.40	81.38 2.11 12.24	64.38 2.52 -1.81	61.43 2.32 -6.24	59.28 2.28 -4.02	56.46 2.36 0.85	56.87 2.27 -1.70	60.84 2.36 -0.27	74.61 2.40 -16.47	114.97 2.54 -45.57	96.17 1.76 -48.06	92.52 1.48 -52.97	79.42 1.49 -41.61	71.12 1.33 -35.65	53.93 1.46 -18.57	44.80 1.64 -5.91
FORT_DRUM_COGEN 23780	40.63 -0.49 -0.02	37.20 -0.41 0.00	35.22 -0.36 -0.06	33.65 -0.41 -0.25	34.14 -0.41 -0.26	35.97 -0.43 -0.83	70.39 -0.57 0.00	87.77 -0.84 16.47	81.01 -1.43 19.36	72.18 -1.65 17.69	54.53 -1.08 4.44	48.01 -1.11 3.74	48.72 -1.11 3.15	50.33 -0.88 3.74	48.47 -0.79 3.63	52.25 -0.62 3.35	57.00 0.00 -1.26	70.20 0.74 -2.60	49.47 0.37 -2.74	41.43 0.34 -3.02	38.91 0.22 -2.38	36.79 0.07 -2.57	36.14 -0.27 -2.51	37.56 -0.48 -0.80
FOX_HILLS___ESR 323835	44.52 3.21 -0.22	40.48 2.86 -0.01	38.69 2.66 -0.51	38.52 2.50 -0.22	39.17 2.57 -0.31	45.79 2.35 -7.87	74.22 3.26 0.00	101.52 4.31 7.87	97.23 4.68 9.26	87.36 4.30 8.46	65.86 3.90 -1.91	62.42 3.54 -6.02	62.21 3.66 -5.57	62.14 3.79 -3.40	61.34 3.65 -4.79	62.22 3.82 -2.18	68.51 3.73 -9.03	96.43 4.88 -24.69	75.63 3.24 -26.03	69.16 2.40 -28.69	61.29 2.43 -22.54	58.10 2.49 -21.46	52.21 2.47 -15.84	45.35 3.05 -5.05
FPL_FAR_ROCK_GT1 24212	45.52 4.19 -0.23	41.51 3.87 -0.02	39.66 3.62 -0.51	39.44 3.41 -0.23	40.10 3.50 -0.32	62.82 3.56 -23.69	85.50 5.89 -8.66	100.00 8.30 13.38	94.42 8.35 15.73	98.05 8.24 1.70	76.94 6.36 -10.53	71.61 5.66 -13.09	71.55 5.72 -12.84	69.03 5.99 -8.09	65.53 5.71 -6.91	71.23 5.62 -9.39	107.76 5.47 -46.55	141.49 6.69 -67.94	130.79 4.63 -79.81	118.36 3.73 -76.56	113.20 3.56 -73.33	109.32 3.41 -71.76	62.72 3.36 -25.47	54.29 3.99 -13.06
FPL_FAR_ROCK_GT2 23815	45.52 4.19 -0.23	41.51 3.87 -0.02	39.66 3.62 -0.51	39.44 3.41 -0.23	40.10 3.50 -0.32	62.82 3.56 -23.69	85.50 5.89 -8.66	100.00 8.30 13.38	94.42 8.35 15.73	98.05 8.24 1.70	76.94 6.36 -10.53	71.61 5.66 -13.09	71.55 5.72 -12.84	69.03 5.99 -8.09	65.53 5.71 -6.91	71.23 5.62 -9.39	107.76 5.47 -46.55	141.49 6.69 -67.94	130.79 4.63 -79.81	118.36 3.73 -76.56	113.20 3.56 -73.33	109.32 3.41 -71.76	62.72 3.36 -25.47	54.29 3.99 -13.06
FRANKLIN_FALL_HYD 24054	42.71 1.60 0.00	39.15 1.54 0.00	37.06 1.53 -0.01	35.09 1.25 -0.04	35.53 1.20 -0.04	36.75 1.17 0.00	74.15 3.19 0.00	106.48 3.99 2.59	102.11 3.36 3.05	92.48 3.75 2.79	61.16 1.80 0.70	53.71 1.43 0.58	53.78 1.27 0.48	55.71 1.32 0.56	53.41 1.06 0.55	56.93 1.24 0.52	57.14 1.39 0.00	68.46 1.60 0.00	47.65 1.30 0.00	39.17 1.10 0.00	37.18 0.87 0.00	35.22 0.92 -0.15	35.12 0.81 -0.41	38.42 1.04 -0.13
FREEPORT_EQUS_GT1 23764	45.27 3.95 -0.22	41.24 3.61 -0.01	39.41 3.38 -0.51	39.20 3.18 -0.22	39.86 3.26 -0.32	60.54 3.31 -21.66	85.36 5.75 -8.66	99.68 7.98 13.39	94.21 8.15 15.74	95.41 7.23 3.33	74.74 5.46 -9.22	69.68 4.81 -12.01	69.68 4.93 -11.77	67.39 5.11 -7.34	64.73 4.92 -6.91	70.89 5.28 -9.39	102.62 5.19 -41.69	135.69 6.42 -62.41	123.68 4.41 -72.93	112.08 3.58 -70.43	106.55 3.41 -66.83	102.82 3.38 -65.30	62.79 3.42 -25.47	53.02 3.76 -12.02

FREEPORT___CT2 23818	45.27 3.95 -0.22	41.24 3.61 -0.01	39.41 3.38 -0.51	39.20 3.18 -2.22	39.86 3.26 -2.32	60.54 3.31 -21.66	85.36 5.75 -8.66	99.68 7.98 13.39	94.21 8.15 15.74	95.41 7.23 3.33	74.74 5.46 -9.22	69.68 4.81 -12.01	69.68 4.93 -11.77	67.39 5.11 -7.34	64.73 4.92 -6.91	70.89 5.28 -9.39	102.62 5.19 -41.69	135.69 6.42 -62.41	123.68 4.41 -72.93	112.08 3.58 -70.43	106.55 3.41 -66.83	102.82 3.38 -65.30	62.79 3.42 -25.47	53.02 3.76 -12.02
FRESHKLS_33_KV_LOAD 356253	44.44 3.12 -0.22	40.44 2.82 -0.01	38.66 2.63 -0.51	38.49 2.47 -2.22	39.14 2.54 -2.31	45.68 2.24 -7.87	74.01 3.05 0.00	101.20 3.99 7.87	96.92 4.38 9.26	87.18 4.12 8.46	65.68 3.72 -1.90	62.21 3.33 -6.02	62.04 3.50 -5.56	61.97 3.63 -3.40	61.18 3.49 -4.79	62.05 3.65 -2.18	68.33 3.57 -9.02	96.22 4.68 -24.68	75.48 3.11 -26.03	69.07 2.32 -28.68	61.17 2.32 -22.53	57.99 2.39 -21.45	52.11 2.37 -15.83	45.28 2.98 -5.05
FULTON COGEN____ 23766	40.11 -1.03 -0.04	36.67 -0.94 0.00	34.69 -0.92 -0.09	33.29 -0.91 -0.40	33.88 -0.82 -0.42	36.07 -0.89 -1.39	68.76 -2.20 0.00	73.86 -3.47 27.75	65.82 -3.36 32.62	58.69 -3.02 29.81	50.60 -1.92 7.53	44.79 -1.69 6.38	46.04 -1.59 5.35	47.01 -1.65 6.29	45.23 -1.53 6.13	48.90 -1.63 5.69	56.60 -1.62 -2.47	69.88 -1.34 -4.36	50.07 -0.88 -4.60	42.41 -0.72 -5.07	39.57 -0.73 -3.98	37.71 -0.68 -4.25	37.09 -0.85 -4.04	37.60 -0.93 -1.29
FULTON___LFGE 323630	45.67 4.27 -0.30	41.75 4.14 0.00	40.03 3.80 -0.70	40.49 3.58 -3.11	41.37 3.84 -3.24	59.75 4.23 -19.95	79.61 8.65 0.00	104.05 12.29 13.32	97.15 11.00 15.65	85.45 8.24 14.30	68.73 6.55 -2.14	65.70 5.60 -7.24	62.62 5.25 -4.38	58.59 5.28 1.64	59.61 5.24 -1.47	65.06 6.18 -2.66	86.15 7.70 -22.71	138.42 8.96 -62.60	118.72 6.35 -66.02	115.81 4.99 -72.75	98.16 4.69 -57.16	86.12 4.41 -47.57	59.73 4.07 -21.76	48.31 4.13 -6.93
G.F.CEMENT___DRP 24184	44.03 2.67 -0.26	40.17 2.56 0.00	38.52 2.38 -0.62	38.81 2.26 -2.74	39.55 2.40 -2.86	59.38 2.63 -21.18	75.57 4.61 0.00	105.26 6.73 6.55	100.21 6.11 7.70	88.69 4.21 7.03	67.35 3.96 -3.34	63.91 3.33 -7.72	61.22 3.07 -5.17	58.18 3.02 -0.21	58.72 2.96 -2.86	62.99 3.32 -3.46	83.99 3.62 -24.62	137.52 4.21 -66.45	119.44 3.01 -70.08	117.66 2.36 -77.23	99.20 2.22 -60.67	85.29 1.98 -49.16	55.20 1.80 -19.50	45.39 1.94 -6.21
GARDENVILLE___LBMP 24039	38.85 -2.30 -0.06	36.26 -1.35 0.00	33.24 -2.42 -0.13	31.89 -2.50 -0.59	32.71 -2.19 -0.62	36.38 -1.35 -2.16	65.14 -5.82 0.00	69.04 -9.14 26.90	61.22 -8.96 31.62	54.29 -8.33 28.89	47.46 -5.58 7.01	42.25 -4.92 5.70	42.64 -5.40 4.94	43.14 -5.60 6.21	41.52 -5.50 5.88	45.24 -5.73 5.24	51.55 -5.57 -1.38	68.41 -5.22 -6.76	50.15 -3.34 -7.13	43.11 -2.82 -7.86	39.98 -2.51 -6.18	37.19 -3.07 -6.12	36.40 -2.95 -5.45	36.56 -2.42 -1.74
GARDNVLA_35_KV_LD 355827	39.02 -2.14 -0.06	36.48 -1.13 0.00	33.38 -2.27 -0.13	32.03 -2.37 -0.59	32.85 -2.06 -0.62	36.62 -1.10 -2.15	65.64 -5.32 0.00	69.58 -8.62 26.89	61.85 -8.35 31.60	54.77 -7.87 28.88	47.76 -5.28 7.00	42.51 -4.65 5.69	42.91 -5.14 4.93	43.41 -5.33 6.20	41.74 -5.29 5.87	45.52 -5.45 5.24	51.83 -5.30 -1.38	68.86 -4.75 -6.75	50.45 -3.01 -7.12	43.32 -2.59 -7.84	40.19 -2.29 -6.16	37.32 -2.94 -6.11	36.50 -2.85 -5.44	36.67 -2.31 -1.73
GELCKHM___115KV_LOAD 80723	40.28 -0.86 -0.04	36.82 -0.79 0.00	34.80 -0.82 -0.10	33.42 -0.81 -0.43	34.02 -0.72 -0.45	36.41 -0.68 -1.52	69.04 -1.92 0.00	75.59 -3.05 26.45	67.76 -2.95 31.09	60.46 -2.65 28.40	51.36 -1.62 7.07	45.53 -1.43 5.91	46.60 -1.38 5.01	47.49 -1.43 6.03	45.76 -1.32 5.82	49.48 -1.41 5.33	55.87 -1.39 -1.52	70.62 -1.00 -4.76	50.72 -0.65 -5.02	43.07 -0.53 -5.53	40.11 -0.54 -4.35	38.18 -0.58 -4.61	37.52 -0.71 -4.33	37.88 -0.74 -1.38
GENERAL___MILLS 23808	38.94 -2.22 -0.06	36.41 -1.20 0.00	33.31 -2.34 -0.13	31.96 -2.43 -0.59	32.78 -2.13 -0.62	36.55 -1.17 -2.15	65.49 -5.46 0.00	69.26 -8.93 26.89	61.54 -8.65 31.61	54.58 -8.05 28.88	47.64 -5.40 7.01	42.35 -4.81 5.70	42.75 -5.30 4.93	43.30 -5.44 6.20	41.63 -5.40 5.87	45.41 -5.57 5.24	51.66 -5.46 -1.38	68.66 -4.95 -6.75	50.37 -3.11 -7.12	43.25 -2.66 -7.85	40.12 -2.36 -6.17	37.26 -3.00 -6.11	36.43 -2.92 -5.44	36.60 -2.38 -1.73
GE_PLASTICS___DRP 24183	43.12 1.77 -0.25	39.27 1.65 0.00	37.65 1.53 -0.60	37.88 1.42 -2.66	38.49 1.44 -2.77	50.37 1.49 -13.31	73.30 2.34 0.00	101.13 2.73 6.69	96.59 2.65 7.86	86.62 2.29 7.18	65.76 2.58 -3.13	62.52 2.27 -7.39	60.16 2.23 -4.95	57.43 2.31 -0.17	57.90 2.27 -2.72	61.84 2.36 -3.27	73.35 2.17 -15.43	111.16 2.54 -41.75	92.15 1.76 -44.03	88.12 1.52 -48.53	75.93 1.49 -38.13	68.87 1.37 -33.36	54.22 1.42 -18.90	44.87 1.60 -6.02
GILBOA___1 23756	42.79 1.48 -0.21	39.00 1.39 0.00	37.26 1.24 -0.50	37.19 1.18 -2.21	37.82 1.23 -2.30	44.22 1.32 -7.33	72.94 1.98 0.00	90.90 1.89 16.07	84.84 1.93 18.89	75.90 1.65 17.26	61.79 2.16 0.42	58.15 1.90 -3.39	56.63 1.90 -1.74	54.37 1.98 2.56	54.39 1.90 0.41	58.64 2.02 -0.41	65.34 1.78 -7.81	91.87 2.00 -23.00	72.00 1.39 -24.26	66.06 1.25 -26.73	58.55 1.24 -21.00	55.51 1.13 -20.24	50.57 1.26 -15.41	43.53 1.38 -4.91
GILBOA___2 23757	42.79 1.48 -0.21	39.00 1.39 0.00	37.26 1.24 -0.50	37.19 1.18 -2.21	37.82 1.23 -2.30	44.22 1.32 -7.33	72.94 1.98 0.00	90.90 1.89 16.07	84.84 1.93 18.89	75.90 1.65 17.26	61.79 2.16 0.42	58.15 1.90 -3.39	56.63 1.90 -1.74	54.37 1.98 2.56	54.39 1.90 0.41	58.64 2.02 -0.41	65.34 1.78 -7.81	91.87 2.00 -23.00	72.00 1.39 -24.26	66.06 1.25 -26.73	58.55 1.24 -21.00	55.51 1.13 -20.24	50.57 1.26 -15.41	43.53 1.38 -4.91
GILBOA___3 23758	42.79 1.48 -0.21	39.00 1.39 0.00	37.26 1.24 -0.50	37.19 1.18 -2.21	37.82 1.23 -2.30	44.22 1.32 -7.33	72.94 1.98 0.00	90.90 1.89 16.07	84.84 1.93 18.89	75.90 1.65 17.26	61.79 2.16 0.42	58.15 1.90 -3.39	56.63 1.90 -1.74	54.37 1.98 2.56	54.39 1.90 0.41	58.64 2.02 -0.41	65.34 1.78 -7.81	91.87 2.00 -23.00	72.00 1.39 -24.26	66.06 1.25 -26.73	58.55 1.24 -21.00	55.51 1.13 -20.24	50.57 1.26 -15.41	43.53 1.38 -4.91
GILBOA___4 23759	42.79 1.48 -0.21	39.00 1.39 0.00	37.26 1.24 -0.50	37.19 1.18 -2.21	37.82 1.23 -2.30	44.22 1.32 -7.33	72.94 1.98 0.00	90.90 1.89 16.07	84.84 1.93 18.89	75.90 1.65 17.26	61.79 2.16 0.42	58.15 1.90 -3.39	56.63 1.90 -1.74	54.37 1.98 2.56	54.39 1.90 0.41	58.64 2.02 -0.41	65.34 1.78 -7.81	91.87 2.00 -23.00	72.00 1.39 -24.26	66.06 1.25 -26.73	58.55 1.24 -21.00	55.51 1.13 -20.24	50.57 1.26 -15.41	43.53 1.38 -4.91
GILBOA____ 23599	42.79 1.48 -0.21	39.00 1.39 0.00	37.26 1.24 -0.50	37.19 1.18 -2.21	37.82 1.23 -2.30	44.22 1.32 -7.33	72.95 1.99 0.00	97.53 1.89 9.44	92.63 1.93 11.10	83.02 1.65 10.14	63.64 2.16 -1.43	59.76 1.90 -4.99	57.93 1.91 -3.04	55.80 1.98 1.13	55.83 1.90 -1.02	60.05 2.02 -1.81	65.83 1.73 -8.36	91.87 2.01 -23.00	72.00 1.39 -24.26	66.02 1.22 -26.73	58.55 1.23 -21.00	55.69 1.13 -20.41	51.01 1.22 -15.89	43.68 1.38 -5.06

GINNA____ 23603	37.98 -3.16 -0.05	34.57 -3.05 0.00	32.93 -2.70 -0.11	31.59 -2.71 -0.50	32.24 -2.57 -0.52	34.50 -2.85 -1.78	64.36 -6.60 0.00	51.27 -8.51 45.30	40.31 -8.24 53.25	35.54 -7.32 48.65	42.93 -4.92 12.20	38.24 -4.39 10.23	39.81 -4.61 8.57	40.03 -4.78 10.13	38.39 -4.66 9.86	42.18 -4.83 9.20	50.41 -4.85 0.49	67.09 -5.35 -5.58	48.58 -3.66 -5.89	41.40 -3.16 -6.49	38.47 -2.94 -5.10	36.21 -2.76 -4.83	34.81 -2.58 -3.48	35.52 -2.83 -1.11
GLEN PARK____ 23778	40.71 -0.41 -0.02	37.27 -0.34 0.00	35.26 -0.32 -0.06	33.69 -0.37 -0.26	34.18 -0.38 -0.27	36.15 -0.29 -0.86	70.61 -0.35 0.00	76.16 -0.63 28.30	67.42 -1.12 33.26	59.75 -1.37 30.39	51.34 -0.96 7.74	45.20 -1.06 6.60	46.46 -1.06 5.47	47.83 -0.82 6.29	46.01 -0.69 6.20	49.85 -0.51 5.86	56.37 0.22 -0.40	70.63 1.07 -2.71	49.76 0.56 -2.85	41.71 0.49 -3.15	39.15 0.36 -2.47	36.70 0.17 -2.38	35.55 -0.17 -1.81	37.41 -0.41 -0.58
GLENDALDE_27_KV_LOAD 356172	44.61 3.29 -0.22	40.59 2.97 -0.01	38.80 2.77 -0.51	38.62 2.60 -2.22	39.27 2.67 -2.31	46.07 2.63 -7.87	75.07 4.12 0.00	102.88 5.67 7.87	98.55 6.01 9.26	88.55 5.49 8.46	66.52 4.56 -1.91	63.00 4.12 -6.02	62.79 4.24 -5.57	62.74 4.40 -3.40	61.92 4.23 -4.79	62.84 4.44 -2.18	69.18 4.40 -9.03	97.16 5.62 -24.69	76.09 3.71 -26.03	69.58 2.82 -28.69	61.65 2.80 -22.54	58.40 2.80 -21.46	52.52 2.78 -15.84	45.50 3.20 -5.05
GLENWOOD_IC_1_G5 23712	44.82 3.49 -0.23	40.83 3.20 -0.02	38.98 2.95 -0.51	38.83 2.81 -2.23	39.49 2.88 -2.32	63.88 2.95 -25.36	84.58 4.97 -8.66	104.16 6.94 7.86	99.69 7.13 9.24	103.49 6.41 -5.57	78.29 5.10 -13.14	72.67 4.49 -15.31	72.34 4.56 -14.80	69.68 4.84 -9.90	65.66 4.65 -8.11	71.67 4.89 -10.57	111.55 4.79 -51.01	145.31 5.95 -72.50	135.90 4.08 -85.47	122.83 3.16 -81.60	118.11 3.12 -78.68	114.37 3.00 -77.22	62.64 2.88 -25.86	54.64 3.35 -14.04
GLENWOOD_IC_2_G1 23688	44.48 3.16 -0.21	40.51 2.90 0.00	38.72 2.70 -0.50	38.58 2.57 -2.21	39.20 2.60 -2.30	46.85 2.67 -8.61	84.22 4.61 -8.66	98.10 6.41 13.40	92.67 6.61 15.75	83.76 6.04 13.80	65.70 4.81 -0.84	62.21 4.28 -5.07	62.20 4.35 -4.87	61.93 4.51 -2.47	64.20 4.39 -6.91	70.22 4.61 -9.39	70.71 4.62 -10.34	99.25 5.68 -26.71	78.79 3.89 -28.55	72.12 3.12 -30.93	64.20 2.98 -24.91	60.64 2.83 -23.67	62.11 2.74 -25.47	45.63 3.09 -5.30
GLENWOOD_IC_3_G1 23689	44.48 3.16 -0.21	40.51 2.90 0.00	38.72 2.70 -0.50	38.58 2.57 -2.21	39.20 2.60 -2.30	46.85 2.67 -8.61	84.22 4.61 -8.66	98.10 6.41 13.40	92.67 6.61 15.75	83.76 6.04 13.80	65.70 4.81 -0.84	62.21 4.28 -5.07	62.20 4.35 -4.87	61.93 4.51 -2.47	64.20 4.39 -6.91	70.22 4.61 -9.39	70.71 4.62 -10.34	99.25 5.68 -26.71	78.79 3.89 -28.55	72.12 3.12 -30.93	64.20 2.98 -24.91	60.64 2.83 -23.67	62.11 2.74 -25.47	45.63 3.09 -5.30
GLENWOOD____4 23550	44.82 3.49 -0.23	40.83 3.20 -0.02	38.98 2.95 -0.51	38.83 2.81 -2.23	39.49 2.88 -2.32	63.88 2.95 -25.36	84.65 5.04 -8.66	104.26 7.04 7.86	99.79 7.23 9.24	103.58 6.50 -5.57	78.35 5.16 -13.14	72.77 4.60 -15.31	72.45 4.66 -14.80	69.74 4.89 -9.90	65.71 4.71 -8.11	71.73 4.95 -10.57	111.60 4.85 -51.01	145.44 6.08 -72.50	135.95 4.13 -85.47	122.91 3.24 -81.60	118.15 3.16 -78.68	114.44 3.07 -77.22	62.68 2.92 -25.86	54.64 3.35 -14.04
GLENWOOD____5 23614	44.82 3.49 -0.23	40.83 3.20 -0.02	38.98 2.95 -0.51	38.83 2.81 -2.23	39.49 2.88 -2.32	63.88 2.95 -25.36	84.65 5.04 -8.66	104.26 7.04 7.86	99.79 7.23 9.24	103.58 6.50 -5.57	78.35 5.16 -13.14	72.77 4.60 -15.31	72.45 4.66 -14.80	69.74 4.89 -9.90	65.71 4.71 -8.11	71.73 4.95 -10.57	111.60 4.85 -51.01	145.44 6.08 -72.50	135.95 4.13 -85.47	122.91 3.24 -81.60	118.15 3.16 -78.68	114.44 3.07 -77.22	62.68 2.92 -25.86	54.64 3.35 -14.04
GLOBAL GREEN_PORT_GT1 23814	47.81 6.49 -0.22	43.60 5.98 -0.01	41.57 5.54 -0.51	41.22 5.20 -2.22	41.98 5.38 -2.31	59.88 5.76 -18.54	90.82 11.21 -8.66	107.45 15.76 13.39	101.53 15.47 15.74	98.95 13.27 5.83	76.87 9.61 -7.22	71.72 8.51 -10.35	71.63 8.53 -10.12	70.08 8.96 -6.17	68.60 8.78 -6.91	75.11 9.50 -9.39	99.60 9.65 -34.21	132.87 12.11 -53.91	117.14 8.44 -62.35	106.02 6.93 -61.02	99.80 6.65 -56.84	95.62 6.11 -55.36	65.13 5.76 -25.47	53.80 6.14 -10.41
GLOBE____DSASP 323697	37.45 -3.70 -0.05	34.41 -3.20 0.00	32.35 -3.30 -0.13	31.02 -3.35 -0.57	31.83 -3.05 -0.59	34.68 -2.95 -2.06	61.52 -9.44 0.00	64.55 -13.03 27.50	56.95 -12.52 32.33	50.81 -11.16 29.54	45.11 -7.69 7.26	40.11 -6.77 5.98	40.54 -7.31 5.13	41.10 -7.53 6.32	39.40 -7.46 6.04	42.96 -7.81 5.44	48.95 -7.97 -1.18	64.43 -8.89 -6.46	47.33 -5.84 -6.82	40.75 -4.83 -7.51	37.82 -4.39 -5.90	35.62 -4.37 -5.84	35.14 -4.07 -5.30	35.43 -3.50 -1.69
GOETHSLN____LBMP 323567	43.98 2.67 -0.21	40.02 2.41 0.00	38.29 2.27 -0.50	38.14 2.13 -2.21	38.78 2.19 -2.30	45.64 2.21 -7.87	74.44 3.48 0.00	101.94 4.73 7.87	97.63 5.09 9.26	87.63 4.58 8.46	65.86 3.90 -1.91	62.42 3.54 -6.02	62.16 3.60 -5.57	62.09 3.74 -3.40	61.29 3.60 -4.80	62.22 3.82 -2.18	68.56 3.79 -9.03	96.43 4.88 -24.69	75.63 3.24 -26.03	69.19 2.44 -28.69	61.29 2.43 -22.54	58.03 2.42 -21.46	52.01 2.27 -15.84	44.97 2.68 -5.05
GOLAH____69_KV_TB 1_2 80279	40.04 -1.11 -0.05	36.60 -1.02 0.00	34.64 -0.99 -0.12	33.13 -1.18 -0.51	33.86 -0.96 -0.53	36.37 -1.03 -1.83	66.84 -4.12 0.00	73.88 -4.83 26.37	66.23 -4.58 30.99	59.08 -4.12 28.32	50.15 -3.00 6.90	44.38 -2.85 5.63	44.90 -3.23 4.85	45.48 -3.41 6.06	43.87 -3.28 5.75	47.68 -3.37 5.17	53.36 -3.51 -1.13	68.98 -3.61 -5.73	50.07 -2.32 -6.04	42.82 -1.90 -6.65	39.80 -1.74 -5.23	37.82 -1.78 -5.45	37.11 -1.73 -4.94	37.51 -1.30 -1.57
GOODYEAR_LAKE_HYD 323669	42.98 1.81 -0.07	39.38 1.77 0.00	37.22 1.53 -0.18	36.00 1.42 -0.78	36.60 1.51 -0.81	46.40 1.78 -9.05	74.22 3.26 0.00	95.32 4.20 13.97	89.56 4.17 16.42	79.99 3.48 15.00	60.31 2.94 2.68	54.12 2.54 1.28	53.98 2.54 1.54	54.27 2.58 3.26	52.85 2.49 2.53	57.09 2.70 1.83	68.87 2.84 -10.28	99.14 3.88 -28.41	78.95 2.64 -29.96	73.21 2.13 -33.01	64.25 2.00 -25.94	56.07 1.74 -20.18	41.59 1.56 -6.13	40.91 1.71 -1.95
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	41.31 0.12 -0.09	37.99 0.38 0.00	35.70 -0.04 -0.21	34.68 -0.07 -0.95	35.35 0.07 -0.99	39.63 0.39 -3.67	70.82 -0.14 0.00	83.37 -0.74 20.97	76.44 -0.71 24.65	68.07 -0.92 22.52	55.36 -0.24 4.45	49.96 -0.21 2.69	49.94 -0.16 2.88	49.62 -0.22 5.10	48.53 -0.16 4.21	52.97 -0.11 3.13	59.65 -0.06 -3.96	79.04 0.67 -11.51	59.05 0.56 -12.14	51.87 0.42 -13.38	47.22 0.40 -10.51	44.35 0.10 -10.10	41.52 -0.07 -7.69	39.77 0.07 -2.45
GOUDEY____7 23579	41.35 0.16 -0.09	38.03 0.41 0.00	35.74 0.00 -0.21	34.68 -0.07 -0.95	35.38 0.10 -0.99	39.67 0.43 -3.67	70.89 -0.07 0.00	83.48 -0.63 20.97	76.54 -0.61 24.65	68.26 -0.73 22.52	55.42 -0.18 4.45	50.01 -0.16 2.69	50.00 -0.11 2.88	49.73 -0.11 5.10	48.63 -0.05 4.21	53.08 0.00 3.13	59.76 0.06 -3.96	79.17 0.80 -11.51	59.09 0.60 -12.14	51.91 0.46 -13.38	47.26 0.44 -10.51	44.38 0.14 -10.10	41.55 -0.03 -7.69	39.81 0.11 -2.45

GOUDEY___8 23580	41.31 0.12 -0.09	37.99 0.38 0.00	35.70 -0.04 -0.21	34.68 -0.07 -0.95	35.35 0.07 -0.99	39.63 0.39 -3.67	70.82 -0.14 0.00	83.37 -0.74 20.97	76.44 -0.71 24.65	68.07 -0.92 22.52	55.36 -0.24 4.45	49.96 -0.21 2.69	49.94 -0.16 2.88	49.62 -0.22 5.10	48.53 -0.16 4.21	52.97 -0.11 3.13	59.65 -0.06 -3.96	79.04 0.67 -11.51	59.05 0.56 -12.14	51.87 0.42 -13.38	47.22 0.40 -10.51	44.35 0.10 -10.10	41.52 -0.07 -7.69	39.77 0.07 -2.45
GOWANUS_GT1_1 24077	44.61 3.29 -0.22	40.59 2.97 -0.01	38.80 2.77 -0.51	38.62 2.60 -2.22	39.27 2.67 -2.31	45.93 2.49 -7.87	74.58 3.62 0.00	102.04 4.83 7.87	97.74 5.19 9.26	87.82 4.76 8.46	66.16 4.20 -1.91	62.68 3.81 -6.02	62.47 3.92 -5.57	62.41 4.07 -3.40	61.60 3.91 -4.79	62.50 4.10 -2.18	68.79 4.01 -9.03	96.69 5.15 -24.69	75.82 3.43 -26.03	69.35 2.59 -28.69	61.47 2.61 -22.54	58.23 2.63 -21.46	52.38 2.64 -15.84	45.46 3.17 -5.05
GOWANUS_GT1_2 24078	44.61 3.29 -0.22	40.59 2.97 -0.01	38.80 2.77 -0.51	38.62 2.60 -2.22	39.27 2.67 -2.31	45.93 2.49 -7.87	74.58 3.62 0.00	102.04 4.83 7.87	97.74 5.19 9.26	87.82 4.76 8.46	66.16 4.20 -1.91	62.68 3.81 -6.02	62.47 3.92 -5.57	62.41 4.07 -3.40	61.60 3.91 -4.79	62.50 4.10 -2.18	68.79 4.01 -9.03	96.69 5.15 -24.69	75.82 3.43 -26.03	69.35 2.59 -28.69	61.47 2.61 -22.54	58.23 2.63 -21.46	52.38 2.64 -15.84	45.46 3.17 -5.05
GOWANUS_GT1_3 24079	44.61 3.29 -0.22	40.59 2.97 -0.01	38.80 2.77 -0.51	38.62 2.60 -2.22	39.27 2.67 -2.31	45.93 2.49 -7.87	74.58 3.62 0.00	102.04 4.83 7.87	97.74 5.19 9.26	87.82 4.76 8.46	66.16 4.20 -1.91	62.68 3.81 -6.02	62.47 3.92 -5.57	62.41 4.07 -3.40	61.60 3.91 -4.79	62.50 4.10 -2.18	68.79 4.01 -9.03	96.69 5.15 -24.69	75.82 3.43 -26.03	69.35 2.59 -28.69	61.47 2.61 -22.54	58.23 2.63 -21.46	52.38 2.64 -15.84	45.46 3.17 -5.05
GOWANUS_GT1_4 24080	44.61 3.29 -0.22	40.59 2.97 -0.01	38.80 2.77 -0.51	38.62 2.60 -2.22	39.27 2.67 -2.31	45.93 2.49 -7.87	74.58 3.62 0.00	102.04 4.83 7.87	97.74 5.19 9.26	87.82 4.76 8.46	66.16 4.20 -1.91	62.68 3.81 -6.02	62.47 3.92 -5.57	62.41 4.07 -3.40	61.60 3.91 -4.79	62.50 4.10 -2.18	68.79 4.01 -9.03	96.69 5.15 -24.69	75.82 3.43 -26.03	69.35 2.59 -28.69	61.47 2.61 -22.54	58.23 2.63 -21.46	52.38 2.64 -15.84	45.46 3.17 -5.05
GOWANUS_GT1_5 24084	44.61 3.29 -0.22	40.59 2.97 -0.01	38.80 2.77 -0.51	38.62 2.60 -2.22	39.27 2.67 -2.31	45.93 2.49 -7.87	74.58 3.62 0.00	102.04 4.83 7.87	97.74 5.19 9.26	87.82 4.76 8.46	66.16 4.20 -1.91	62.68 3.81 -6.02	62.47 3.92 -5.57	62.41 4.07 -3.40	61.60 3.91 -4.79	62.50 4.10 -2.18	68.79 4.01 -9.03	96.69 5.15 -24.69	75.82 3.43 -26.03	69.35 2.59 -28.69	61.47 2.61 -22.54	58.23 2.63 -21.46	52.38 2.64 -15.84	45.46 3.17 -5.05
GOWANUS_GT1_6 24111	44.61 3.29 -0.22	40.59 2.97 -0.01	38.80 2.77 -0.51	38.62 2.60 -2.22	39.27 2.67 -2.31	45.93 2.49 -7.87	74.58 3.62 0.00	102.04 4.83 7.87	97.74 5.19 9.26	87.82 4.76 8.46	66.16 4.20 -1.91	62.68 3.81 -6.02	62.47 3.92 -5.57	62.41 4.07 -3.40	61.60 3.91 -4.79	62.50 4.10 -2.18	68.79 4.01 -9.03	96.69 5.15 -24.69	75.82 3.43 -26.03	69.35 2.59 -28.69	61.47 2.61 -22.54	58.23 2.63 -21.46	52.38 2.64 -15.84	45.46 3.17 -5.05
GOWANUS_GT1_7 24112	44.61 3.29 -0.22	40.59 2.97 -0.01	38.80 2.77 -0.51	38.62 2.60 -2.22	39.27 2.67 -2.31	45.93 2.49 -7.87	74.58 3.62 0.00	102.04 4.83 7.87	97.74 5.19 9.26	87.82 4.76 8.46	66.16 4.20 -1.91	62.68 3.81 -6.02	62.47 3.92 -5.57	62.41 4.07 -3.40	61.60 3.91 -4.79	62.50 4.10 -2.18	68.79 4.01 -9.03	96.69 5.15 -24.69	75.82 3.43 -26.03	69.35 2.59 -28.69	61.47 2.61 -22.54	58.23 2.63 -21.46	52.38 2.64 -15.84	45.46 3.17 -5.05
GOWANUS_GT1_8 24113	44.61 3.29 -0.22	40.59 2.97 -0.01	38.80 2.77 -0.51	38.62 2.60 -2.22	39.27 2.67 -2.31	45.93 2.49 -7.87	74.58 3.62 0.00	102.04 4.83 7.87	97.74 5.19 9.26	87.82 4.76 8.46	66.16 4.20 -1.91	62.68 3.81 -6.02	62.47 3.92 -5.57	62.41 4.07 -3.40	61.60 3.91 -4.79	62.50 4.10 -2.18	68.79 4.01 -9.03	96.69 5.15 -24.69	75.82 3.43 -26.03	69.35 2.59 -28.69	61.47 2.61 -22.54	58.23 2.63 -21.46	52.38 2.64 -15.84	45.46 3.17 -5.05
GOWANUS_GT2_1 24114	44.61 3.29 -0.22	40.59 2.97 -0.01	38.80 2.77 -0.51	38.62 2.60 -2.22	39.27 2.68 -2.31	45.97 2.53 -7.87	74.58 3.62 0.00	96.52 4.84 13.40	91.24 5.19 15.75	81.97 4.85 14.39	64.62 4.20 -0.37	61.35 3.81 -4.68	61.39 3.92 -4.49	61.22 4.07 -2.21	60.41 3.91 -3.60	61.33 4.10 -1.01	68.38 4.07 -8.57	96.76 5.22 -24.69	75.86 3.48 -26.03	69.50 2.74 -28.69	61.47 2.62 -22.54	58.09 2.63 -21.31	51.99 2.65 -15.44	45.34 3.16 -4.93
GOWANUS_GT2_2 24115	44.61 3.29 -0.22	40.59 2.97 -0.01	38.80 2.77 -0.51	38.62 2.60 -2.22	39.27 2.68 -2.31	45.97 2.53 -7.87	74.58 3.62 0.00	96.52 4.84 13.40	91.24 5.19 15.75	81.97 4.85 14.39	64.62 4.20 -0.37	61.35 3.81 -4.68	61.39 3.92 -4.49	61.22 4.07 -2.21	60.41 3.91 -3.60	61.33 4.10 -1.01	68.38 4.07 -8.57	96.76 5.22 -24.69	75.86 3.48 -26.03	69.50 2.74 -28.69	61.47 2.62 -22.54	58.09 2.63 -21.31	51.99 2.65 -15.44	45.34 3.16 -4.93
GOWANUS_GT2_3 24116	44.61 3.29 -0.22	40.59 2.97 -0.01	38.80 2.77 -0.51	38.62 2.60 -2.22	39.27 2.68 -2.31	45.97 2.53 -7.87	74.58 3.62 0.00	96.52 4.84 13.40	91.24 5.19 15.75	81.97 4.85 14.39	64.62 4.20 -0.37	61.35 3.81 -4.68	61.39 3.92 -4.49	61.22 4.07 -2.21	60.41 3.91 -3.60	61.33 4.10 -1.01	68.38 4.07 -8.57	96.76 5.22 -24.69	75.86 3.48 -26.03	69.50 2.74 -28.69	61.47 2.62 -22.54	58.09 2.63 -21.31	51.99 2.65 -15.44	45.34 3.16 -4.93
GOWANUS_GT2_4 24117	44.61 3.29 -0.22	40.59 2.97 -0.01	38.80 2.77 -0.51	38.62 2.60 -2.22	39.27 2.68 -2.31	45.97 2.53 -7.87	74.58 3.62 0.00	96.52 4.84 13.40	91.24 5.19 15.75	81.97 4.85 14.39	64.62 4.20 -0.37	61.35 3.81 -4.68	61.39 3.92 -4.49	61.22 4.07 -2.21	60.41 3.91 -3.60	61.33 4.10 -1.01	68.38 4.07 -8.57	96.76 5.22 -24.69	75.86 3.48 -26.03	69.50 2.74 -28.69	61.47 2.62 -22.54	58.09 2.63 -21.31	51.99 2.65 -15.44	45.34 3.16 -4.93
GOWANUS_GT2_5 24118	44.61 3.29 -0.22	40.59 2.97 -0.01	38.80 2.77 -0.51	38.62 2.60 -2.22	39.27 2.68 -2.31	45.97 2.53 -7.87	74.58 3.62 0.00	96.52 4.84 13.40	91.24 5.19 15.75	81.97 4.85 14.39	64.62 4.20 -0.37	61.35 3.81 -4.68	61.39 3.92 -4.49	61.22 4.07 -2.21	60.41 3.91 -3.60	61.33 4.10 -1.01	68.38 4.07 -8.57	96.76 5.22 -24.69	75.86 3.48 -26.03	69.50 2.74 -28.69	61.47 2.62 -22.54	58.09 2.63 -21.31	51.99 2.65 -15.44	45.34 3.16 -4.93
GOWANUS_GT2_6 24119	44.61 3.29 -0.22	40.59 2.97 -0.01	38.80 2.77 -0.51	38.62 2.60 -2.22	39.27 2.68 -2.31	45.97 2.53 -7.87	74.58 3.62 0.00	96.52 4.84 13.40	91.24 5.19 15.75	81.97 4.85 14.39	64.62 4.20 -0.37	61.35 3.81 -4.68	61.39 3.92 -4.49	61.22 4.07 -2.21	60.41 3.91 -3.60	61.33 4.10 -1.01	68.38 4.07 -8.57	96.76 5.22 -24.69	75.86 3.48 -26.03	69.50 2.74 -28.69	61.47 2.62 -22.54	58.09 2.63 -21.31	51.99 2.65 -15.44	45.34 3.16 -4.93

GOWANUS_GT2_7 24120	44.61 3.29 -0.22	40.59 2.97 -0.01	38.80 2.77 -0.51	38.62 2.60 -2.22	39.27 2.68 -2.31	45.97 2.53 -7.87	74.58 3.62 0.00	96.52 4.84 13.40	91.24 5.19 15.75	81.97 4.85 14.39	64.62 4.20 -0.37	61.35 3.81 -4.68	61.39 3.92 -4.49	61.22 4.07 -2.21	60.41 3.91 -3.60	61.33 4.10 -1.01	68.38 4.07 -8.57	96.76 5.22 -24.69	75.86 3.48 -26.03	69.50 2.74 -28.69	61.47 2.62 -22.54	58.09 2.63 -21.31	51.99 2.65 -15.44	45.34 3.16 -4.93
GOWANUS_GT2_8 24121	44.61 3.29 -0.22	40.59 2.97 -0.01	38.80 2.77 -0.51	38.62 2.60 -2.22	39.27 2.68 -2.31	45.97 2.53 -7.87	74.58 3.62 0.00	96.52 4.84 13.40	91.24 5.19 15.75	81.97 4.85 14.39	64.62 4.20 -0.37	61.35 3.81 -4.68	61.39 3.92 -4.49	61.22 4.07 -2.21	60.41 3.91 -3.60	61.33 4.10 -1.01	68.38 4.07 -8.57	96.76 5.22 -24.69	75.86 3.48 -26.03	69.50 2.74 -28.69	61.47 2.62 -22.54	58.09 2.63 -21.31	51.99 2.65 -15.44	45.34 3.16 -4.93
GOWANUS_GT3_1 24122	44.61 3.29 -0.22	40.59 2.97 -0.01	38.80 2.77 -0.51	38.62 2.60 -2.22	39.27 2.68 -2.31	45.97 2.53 -7.87	74.58 3.62 0.00	96.52 4.84 13.40	91.24 5.19 15.75	81.97 4.85 14.39	64.62 4.20 -0.37	61.35 3.81 -4.68	61.39 3.92 -4.49	61.22 4.07 -2.21	60.41 3.91 -3.60	61.33 4.10 -1.01	68.38 4.07 -8.57	96.76 5.22 -24.69	75.86 3.48 -26.03	69.50 2.74 -28.69	61.47 2.62 -22.54	58.09 2.63 -21.31	51.99 2.65 -15.44	45.34 3.16 -4.93
GOWANUS_GT3_2 24123	44.61 3.29 -0.22	40.59 2.97 -0.01	38.80 2.77 -0.51	38.62 2.60 -2.22	39.27 2.68 -2.31	45.97 2.53 -7.87	74.58 3.62 0.00	96.52 4.84 13.40	91.24 5.19 15.75	81.97 4.85 14.39	64.62 4.20 -0.37	61.35 3.81 -4.68	61.39 3.92 -4.49	61.22 4.07 -2.21	60.41 3.91 -3.60	61.33 4.10 -1.01	68.38 4.07 -8.57	96.76 5.22 -24.69	75.86 3.48 -26.03	69.50 2.74 -28.69	61.47 2.62 -22.54	58.09 2.63 -21.31	51.99 2.65 -15.44	45.34 3.16 -4.93
GOWANUS_GT3_3 24124	44.61 3.29 -0.22	40.59 2.97 -0.01	38.80 2.77 -0.51	38.62 2.60 -2.22	39.27 2.68 -2.31	45.97 2.53 -7.87	74.58 3.62 0.00	96.52 4.84 13.40	91.24 5.19 15.75	81.97 4.85 14.39	64.62 4.20 -0.37	61.35 3.81 -4.68	61.39 3.92 -4.49	61.22 4.07 -2.21	60.41 3.91 -3.60	61.33 4.10 -1.01	68.38 4.07 -8.57	96.76 5.22 -24.69	75.86 3.48 -26.03	69.50 2.74 -28.69	61.47 2.62 -22.54	58.09 2.63 -21.31	51.99 2.65 -15.44	45.34 3.16 -4.93
GOWANUS_GT3_4 24125	44.61 3.29 -0.22	40.59 2.97 -0.01	38.80 2.77 -0.51	38.62 2.60 -2.22	39.27 2.68 -2.31	45.97 2.53 -7.87	74.58 3.62 0.00	96.52 4.84 13.40	91.24 5.19 15.75	81.97 4.85 14.39	64.62 4.20 -0.37	61.35 3.81 -4.68	61.39 3.92 -4.49	61.22 4.07 -2.21	60.41 3.91 -3.60	61.33 4.10 -1.01	68.38 4.07 -8.57	96.76 5.22 -24.69	75.86 3.48 -26.03	69.50 2.74 -28.69	61.47 2.62 -22.54	58.09 2.63 -21.31	51.99 2.65 -15.44	45.34 3.16 -4.93
GOWANUS_GT3_5 24126	44.61 3.29 -0.22	40.59 2.97 -0.01	38.80 2.77 -0.51	38.62 2.60 -2.22	39.27 2.68 -2.31	45.97 2.53 -7.87	74.58 3.62 0.00	96.52 4.84 13.40	91.24 5.19 15.75	81.97 4.85 14.39	64.62 4.20 -0.37	61.35 3.81 -4.68	61.39 3.92 -4.49	61.22 4.07 -2.21	60.41 3.91 -3.60	61.33 4.10 -1.01	68.38 4.07 -8.57	96.76 5.22 -24.69	75.86 3.48 -26.03	69.50 2.74 -28.69	61.47 2.62 -22.54	58.09 2.63 -21.31	51.99 2.65 -15.44	45.34 3.16 -4.93
GOWANUS_GT3_6 24127	44.61 3.29 -0.22	40.59 2.97 -0.01	38.80 2.77 -0.51	38.62 2.60 -2.22	39.27 2.68 -2.31	45.97 2.53 -7.87	74.58 3.62 0.00	96.52 4.84 13.40	91.24 5.19 15.75	81.97 4.85 14.39	64.62 4.20 -0.37	61.35 3.81 -4.68	61.39 3.92 -4.49	61.22 4.07 -2.21	60.41 3.91 -3.60	61.33 4.10 -1.01	68.38 4.07 -8.57	96.76 5.22 -24.69	75.86 3.48 -26.03	69.50 2.74 -28.69	61.47 2.62 -22.54	58.09 2.63 -21.31	51.99 2.65 -15.44	45.34 3.16 -4.93
GOWANUS_GT3_7 24128	44.61 3.29 -0.22	40.59 2.97 -0.01	38.80 2.77 -0.51	38.62 2.60 -2.22	39.27 2.68 -2.31	45.97 2.53 -7.87	74.58 3.62 0.00	96.52 4.84 13.40	91.24 5.19 15.75	81.97 4.85 14.39	64.62 4.20 -0.37	61.35 3.81 -4.68	61.39 3.92 -4.49	61.22 4.07 -2.21	60.41 3.91 -3.60	61.33 4.10 -1.01	68.38 4.07 -8.57	96.76 5.22 -24.69	75.86 3.48 -26.03	69.50 2.74 -28.69	61.47 2.62 -22.54	58.09 2.63 -21.31	51.99 2.65 -15.44	45.34 3.16 -4.93
GOWANUS_GT3_8 24129	44.61 3.29 -0.22	40.59 2.97 -0.01	38.80 2.77 -0.51	38.62 2.60 -2.22	39.27 2.68 -2.31	45.97 2.53 -7.87	74.58 3.62 0.00	96.52 4.84 13.40	91.24 5.19 15.75	81.97 4.85 14.39	64.62 4.20 -0.37	61.35 3.81 -4.68	61.39 3.92 -4.49	61.22 4.07 -2.21	60.41 3.91 -3.60	61.33 4.10 -1.01	68.38 4.07 -8.57	96.76 5.22 -24.69	75.86 3.48 -26.03	69.50 2.74 -28.69	61.47 2.62 -22.54	58.09 2.63 -21.31	51.99 2.65 -15.44	45.34 3.16 -4.93
GOWANUS_GT4_1 24130	44.61 3.29 -0.22	40.59 2.97 -0.01	38.80 2.77 -0.51	38.62 2.60 -2.22	39.27 2.67 -2.31	45.93 2.49 -7.87	74.58 3.62 0.00	102.04 4.83 7.87	97.74 5.19 9.26	87.82 4.76 8.46	66.16 4.20 -1.91	62.68 3.81 -6.02	62.47 3.92 -5.57	62.41 4.07 -3.40	61.60 3.91 -4.79	62.50 4.10 -2.18	68.79 4.01 -9.03	96.69 5.15 -24.69	75.82 3.43 -26.03	69.35 2.59 -28.69	61.47 2.61 -22.54	58.23 2.63 -21.46	52.38 2.64 -15.84	45.46 3.17 -5.05
GOWANUS_GT4_2 24131	44.61 3.29 -0.22	40.59 2.97 -0.01	38.80 2.77 -0.51	38.62 2.60 -2.22	39.27 2.67 -2.31	45.93 2.49 -7.87	74.58 3.62 0.00	102.04 4.83 7.87	97.74 5.19 9.26	87.82 4.76 8.46	66.16 4.20 -1.91	62.68 3.81 -6.02	62.47 3.92 -5.57	62.41 4.07 -3.40	61.60 3.91 -4.79	62.50 4.10 -2.18	68.79 4.01 -9.03	96.69 5.15 -24.69	75.82 3.43 -26.03	69.35 2.59 -28.69	61.47 2.61 -22.54	58.23 2.63 -21.46	52.38 2.64 -15.84	45.46 3.17 -5.05
GOWANUS_GT4_3 24132	44.61 3.29 -0.22	40.59 2.97 -0.01	38.80 2.77 -0.51	38.62 2.60 -2.22	39.27 2.67 -2.31	45.93 2.49 -7.87	74.58 3.62 0.00	102.04 4.83 7.87	97.74 5.19 9.26	87.82 4.76 8.46	66.16 4.20 -1.91	62.68 3.81 -6.02	62.47 3.92 -5.57	62.41 4.07 -3.40	61.60 3.91 -4.79	62.50 4.10 -2.18	68.79 4.01 -9.03	96.69 5.15 -24.69	75.82 3.43 -26.03	69.35 2.59 -28.69	61.47 2.61 -22.54	58.23 2.63 -21.46	52.38 2.64 -15.84	45.46 3.17 -5.05
GOWANUS_GT4_4 24133	44.61 3.29 -0.22	40.59 2.97 -0.01	38.80 2.77 -0.51	38.62 2.60 -2.22	39.27 2.67 -2.31	45.93 2.49 -7.87	74.58 3.62 0.00	102.04 4.83 7.87	97.74 5.19 9.26	87.82 4.76 8.46	66.16 4.20 -1.91	62.68 3.81 -6.02	62.47 3.92 -5.57	62.41 4.07 -3.40	61.60 3.91 -4.79	62.50 4.10 -2.18	68.79 4.01 -9.03	96.69 5.15 -24.69	75.82 3.43 -26.03	69.35 2.59 -28.69	61.47 2.61 -22.54	58.23 2.63 -21.46	52.38 2.64 -15.84	45.46 3.17 -5.05
GOWANUS_GT4_5 24134	44.61 3.29 -0.22	40.59 2.97 -0.01	38.80 2.77 -0.51	38.62 2.60 -2.22	39.27 2.67 -2.31	45.93 2.49 -7.87	74.58 3.62 0.00	102.04 4.83 7.87	97.74 5.19 9.26	87.82 4.76 8.46	66.16 4.20 -1.91	62.68 3.81 -6.02	62.47 3.92 -5.57	62.41 4.07 -3.40	61.60 3.91 -4.79	62.50 4.10 -2.18	68.79 4.01 -9.03	96.69 5.15 -24.69	75.82 3.43 -26.03	69.35 2.59 -28.69	61.47 2.61 -22.54	58.23 2.63 -21.46	52.38 2.64 -15.84	45.46 3.17 -5.05

GOWANUS_GT4_6 24135	44.61 3.29 -0.22	40.59 2.97 -0.01	38.80 2.77 -0.51	38.62 2.60 -2.22	39.27 2.67 -2.31	45.93 2.49 -7.87	74.58 3.62 0.00	102.04 4.83 7.87	97.74 5.19 9.26	87.82 4.76 8.46	66.16 4.20 -1.91	62.68 3.81 -6.02	62.47 3.92 -5.57	62.41 4.07 -3.40	61.60 3.91 -4.79	62.50 4.10 -2.18	68.79 4.01 -9.03	96.69 5.15 -24.69	75.82 3.43 -26.03	69.35 2.59 -28.69	61.47 2.61 -22.54	58.23 2.63 -21.46	52.38 2.64 -15.84	45.46 3.17 -5.05
GOWANUS_GT4_7 24136	44.61 3.29 -0.22	40.59 2.97 -0.01	38.80 2.77 -0.51	38.62 2.60 -2.22	39.27 2.67 -2.31	45.93 2.49 -7.87	74.58 3.62 0.00	102.04 4.83 7.87	97.74 5.19 9.26	87.82 4.76 8.46	66.16 4.20 -1.91	62.68 3.81 -6.02	62.47 3.92 -5.57	62.41 4.07 -3.40	61.60 3.91 -4.79	62.50 4.10 -2.18	68.79 4.01 -9.03	96.69 5.15 -24.69	75.82 3.43 -26.03	69.35 2.59 -28.69	61.47 2.61 -22.54	58.23 2.63 -21.46	52.38 2.64 -15.84	45.46 3.17 -5.05
GOWANUS_GT4_8 24137	44.61 3.29 -0.22	40.59 2.97 -0.01	38.80 2.77 -0.51	38.62 2.60 -2.22	39.27 2.67 -2.31	45.93 2.49 -7.87	74.58 3.62 0.00	102.04 4.83 7.87	97.74 5.19 9.26	87.82 4.76 8.46	66.16 4.20 -1.91	62.68 3.81 -6.02	62.47 3.92 -5.57	62.41 4.07 -3.40	61.60 3.91 -4.79	62.50 4.10 -2.18	68.79 4.01 -9.03	96.69 5.15 -24.69	75.82 3.43 -26.03	69.35 2.59 -28.69	61.47 2.61 -22.54	58.23 2.63 -21.46	52.38 2.64 -15.84	45.46 3.17 -5.05
GREENBSH_115KV_TB3 55895	43.16 1.81 -0.25	39.30 1.69 0.00	37.69 1.56 -0.60	37.96 1.49 -2.67	38.51 1.44 -2.78	51.88 1.49 -14.82	73.30 2.34 0.00	101.04 2.63 6.67	96.50 2.54 7.84	86.55 2.20 7.16	65.85 2.64 -3.16	62.67 2.38 -7.44	60.31 2.33 -5.00	57.58 2.42 -0.22	58.00 2.33 -2.77	61.92 2.42 -3.29	75.22 2.29 -17.19	115.89 2.54 -46.49	97.14 1.76 -49.03	93.66 1.56 -54.04	80.29 1.53 -42.45	71.93 1.40 -36.38	54.37 1.49 -18.98	44.97 1.68 -6.05
GREENDGE_115KV_TB5 80291	41.00 -0.16 -0.06	37.76 0.15 0.00	35.35 -0.32 -0.15	34.07 -0.41 -0.67	34.85 -0.14 -0.70	38.34 0.28 -2.48	69.54 -1.42 0.00	78.77 -1.79 24.52	71.04 -1.93 28.83	63.07 -2.10 26.34	52.61 -1.38 6.05	47.30 -0.95 4.61	47.59 -1.22 4.18	47.95 -1.26 5.74	46.51 -1.16 5.23	50.57 -1.18 4.47	57.19 -0.89 -2.34	74.65 0.00 -7.79	54.75 0.19 -8.21	47.20 0.08 -9.05	43.50 0.07 -7.11	41.20 -0.03 -7.09	39.49 -0.34 -5.93	38.95 -0.19 -1.89
GREENIDGE___3 23582	41.00 -0.16 -0.06	37.76 0.15 0.00	35.35 -0.32 -0.15	34.07 -0.41 -0.67	34.85 -0.14 -0.70	38.34 0.28 -2.48	69.54 -1.42 0.00	78.77 -1.79 24.52	71.04 -1.93 28.83	63.07 -2.10 26.34	52.61 -1.38 6.05	47.30 -0.95 4.61	47.59 -1.22 4.18	47.95 -1.26 5.74	46.51 -1.16 5.23	50.57 -1.18 4.47	57.19 -0.89 -2.34	74.65 0.00 -7.79	54.75 0.19 -8.21	47.20 0.08 -9.05	43.50 0.07 -7.11	41.20 -0.03 -7.09	39.49 -0.34 -5.93	38.95 -0.19 -1.89
GREENIDGE___4 23583	41.00 -0.16 -0.06	37.76 0.15 0.00	35.35 -0.32 -0.15	34.07 -0.40 -0.67	34.85 -0.14 -0.70	38.31 0.25 -2.48	69.54 -1.42 0.00	61.95 -1.79 41.35	51.26 -1.94 48.60	45.10 -2.01 44.41	47.87 -1.44 10.74	42.92 -1.27 8.67	44.36 -1.17 7.46	44.33 -1.26 9.36	43.13 -0.90 8.87	47.00 -1.18 8.03	55.79 -0.89 -0.94	74.58 -0.07 -7.79	54.71 0.14 -8.21	47.12 0.00 -9.05	43.46 0.04 -7.11	40.71 -0.07 -6.63	38.44 -0.17 -4.71	38.56 -0.19 -1.50
GREENLWN_69_KV_BK 3 55738	45.02 3.70 -0.22	41.04 3.42 -0.01	39.23 3.20 -0.51	39.03 3.01 -2.22	39.69 3.09 -2.31	57.53 3.20 -18.76	85.36 5.75 -8.66	105.41 8.20 7.86	100.80 8.25 9.25	99.02 7.23 -0.27	74.65 5.70 -8.90	69.74 5.07 -11.80	69.43 5.14 -11.31	67.83 5.44 -7.44	66.24 5.24 -8.11	72.29 5.51 -10.57	96.12 5.18 -35.19	127.49 6.15 -54.48	113.64 4.22 -63.07	103.12 3.39 -61.66	97.21 3.38 -57.52	93.69 3.35 -56.20	63.02 3.25 -25.86	51.47 3.58 -10.65
GREENWD_138_KV_38B11_REV_LBMP_J 345004	44.61 3.29 -0.22	40.59 2.97 -0.01	38.80 2.77 -0.51	38.62 2.60 -2.22	39.27 2.67 -2.31	45.93 2.49 -7.87	74.58 3.62 0.00	102.04 4.83 7.87	97.74 5.19 9.26	87.82 4.76 8.46	66.16 4.20 -1.91	62.68 3.81 -6.02	62.47 3.92 -5.57	62.41 4.07 -3.40	61.60 3.91 -4.79	62.50 4.10 -2.18	68.79 4.01 -9.03	96.69 5.15 -24.69	75.82 3.43 -26.03	69.35 2.59 -28.69	61.47 2.61 -22.54	58.23 2.63 -21.46	52.38 2.64 -15.84	45.46 3.17 -5.05
GRISSOM___SOLAR 323813	45.67 4.27 -0.30	41.75 4.14 0.00	40.03 3.80 -0.70	40.49 3.58 -3.11	41.37 3.84 -3.24	59.75 4.23 -19.95	79.61 8.65 0.00	104.05 12.29 13.32	97.15 11.00 15.65	85.45 8.24 14.30	68.73 6.55 -2.14	65.70 5.60 -7.24	62.62 5.25 -4.38	58.59 5.28 1.64	59.61 5.24 -1.47	65.06 6.18 -2.66	86.15 7.70 -22.71	138.42 8.96 -62.60	118.72 6.35 -66.02	115.81 4.99 -72.75	98.16 4.69 -57.16	86.12 4.41 -47.57	59.73 4.07 -21.76	48.31 4.13 -6.93
GROVEVILLE___HYD 323602	44.23 2.92 -0.21	40.28 2.67 0.00	38.47 2.45 -0.50	38.35 2.33 -2.22	38.99 2.40 -2.31	45.93 2.45 -7.91	75.43 4.47 0.00	102.98 5.78 7.88	98.45 5.90 9.26	88.36 5.31 8.46	66.34 4.38 -1.91	62.14 3.86 -5.42	60.15 3.87 -3.30	58.00 4.01 0.96	58.11 3.97 -1.25	62.56 4.16 -2.18	68.94 4.13 -9.07	97.02 5.35 -24.81	76.08 3.57 -26.16	69.68 2.78 -28.83	61.69 2.72 -22.65	58.24 2.56 -21.54	52.15 2.41 -15.84	45.01 2.72 -5.05
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	40.61 -0.53 -0.04	37.12 -0.49 0.00	35.09 -0.53 -0.10	33.71 -0.54 -0.45	34.35 -0.41 -0.47	36.79 -0.39 -1.61	69.68 -1.28 0.00	76.47 -2.00 26.61	68.49 -2.04 31.28	61.20 -1.74 28.58	51.89 -1.08 7.08	46.08 -0.90 5.88	47.19 -0.79 5.00	48.05 -0.82 6.07	46.26 -0.79 5.84	50.05 -0.84 5.32	56.95 -0.78 -1.99	71.63 -0.27 -5.04	51.52 -0.14 -5.31	43.81 -0.11 -5.85	40.73 -0.18 -4.60	38.74 -0.24 -4.83	37.94 -0.41 -4.45	38.25 -0.41 -1.42
HAMLTNNY_34_KV_TB 80303	40.65 -0.49 -0.04	37.16 -0.45 0.00	35.13 -0.50 -0.11	33.76 -0.51 -0.47	34.40 -0.38 -0.49	36.92 -0.32 -1.67	69.68 -1.28 0.00	76.45 -1.89 26.74	68.53 -1.83 31.43	61.14 -1.65 28.72	52.00 -0.96 7.09	46.15 -0.85 5.86	47.24 -0.74 5.00	48.01 -0.82 6.11	46.30 -0.74 5.86	50.10 -0.79 5.33	57.11 -0.72 -2.09	71.90 -0.20 -5.24	51.78 -0.09 -5.52	44.08 -0.08 -6.09	40.95 -0.15 -4.78	38.94 -0.20 -5.00	38.06 -0.41 -4.56	38.33 -0.37 -1.45
HAMPSHIRE___PAPER_HYD 323593	40.78 -0.33 -0.01	37.27 -0.34 0.00	35.34 -0.21 -0.03	33.69 -0.23 -0.13	34.04 -0.38 -0.13	35.00 -0.57 0.00	70.32 -0.64 0.00	90.73 -0.84 13.51	84.70 -1.22 15.88	75.72 -1.28 14.51	55.16 -1.20 3.69	48.62 -1.11 3.12	49.37 -1.06 2.55	51.15 -0.88 2.91	49.17 -0.85 2.88	52.64 -0.79 2.79	55.19 -0.67 -0.11	66.32 -0.54 0.00	45.89 -0.46 0.00	37.73 -0.34 0.00	35.99 -0.33 0.00	34.31 -0.17 -0.33	34.50 -0.31 -0.90	37.12 -0.41 -0.29
HARDSCRABBLE_WT_PWR 323673	41.97 0.86 -0.01	38.48 0.87 0.00	36.35 0.82 -0.01	34.64 0.78 -0.06	35.17 0.82 -0.07	36.46 0.89 0.00	72.73 1.77 0.00	102.55 3.26 5.79	98.05 3.05 6.80	87.95 2.66 6.22	60.35 1.86 1.57	53.18 1.64 1.32	53.55 1.64 1.08	55.35 1.65 1.25	53.31 1.64 1.23	56.77 1.74 1.18	57.21 1.84 0.37	68.73 1.87 0.00	47.51 1.16 0.00	39.02 0.95 0.00	37.18 0.87 0.00	35.13 0.82 -0.16	35.15 0.81 -0.44	38.24 0.86 -0.14

HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	43.64 2.34 -0.20	39.76 2.14 0.00	37.98 1.99 -0.47	37.73 1.86 -2.07	38.36 1.92 -2.15	44.93 1.99 -7.36	74.29 3.34 0.00	101.22 4.31 8.17	96.67 4.48 9.61	86.58 3.84 8.78	65.01 3.42 -1.54	59.53 2.96 -3.71	54.65 3.02 1.35	48.89 3.19 9.24	50.30 3.07 5.67	61.33 3.26 -1.85	67.46 3.29 -8.42	94.24 4.28 -23.10	73.59 2.87 -24.36	67.13 2.21 -26.85	59.59 2.18 -21.10	56.28 2.05 -20.09	50.67 1.93 -14.84	44.13 2.16 -4.73
HARSNRAD_115KV_TB1 81005	37.87 -3.29 -0.05	34.98 -2.63 0.00	32.56 -3.09 -0.13	31.22 -3.14 -0.56	32.03 -2.85 -0.59	35.08 -2.53 -2.04	62.73 -8.23 0.00	66.38 -11.56 27.15	58.79 -11.10 31.91	52.29 -10.07 29.15	46.01 -6.91 7.13	40.93 -6.08 5.85	41.33 -6.62 5.03	41.83 -6.87 6.25	40.18 -6.77 5.95	43.79 -7.08 5.34	49.83 -7.14 -1.22	65.63 -7.62 -6.40	48.09 -5.01 -6.75	41.35 -4.15 -7.43	38.63 -3.52 -5.84	36.40 -3.59 -5.83	35.81 -3.36 -5.27	36.17 -2.76 -1.68
HARZA MOOSE__RIVER 24016	41.69 0.58 -0.02	38.14 0.53 0.00	36.05 0.50 -0.04	34.40 0.44 -0.16	34.90 0.45 -0.17	36.14 0.57 0.00	72.02 1.06 0.00	97.36 1.89 9.61	91.93 1.43 11.30	82.02 0.82 10.32	58.09 0.60 2.56	51.22 0.48 2.11	51.77 0.53 1.75	53.70 0.82 2.07	51.73 0.85 2.01	55.30 1.01 1.93	57.67 1.39 -0.54	68.73 1.87 0.00	47.51 1.16 0.00	39.06 0.99 0.00	37.18 0.87 0.00	35.45 0.72 -0.59	35.99 0.51 -1.58	38.20 0.45 -0.50
HDSNBRDG_115KV_BRDG_TB1 355580	40.24 -0.90 -0.04	36.78 -0.83 0.00	34.77 -0.85 -0.10	33.38 -0.85 -0.43	33.98 -0.75 -0.45	36.36 -0.71 -1.50	68.97 -1.99 0.00	76.43 -3.15 25.50	68.77 -3.05 29.97	61.38 -2.75 27.39	51.57 -1.68 6.80	45.72 -1.48 5.66	46.80 -1.38 4.81	47.70 -1.43 5.82	45.92 -1.38 5.60	49.64 -1.46 5.11	55.71 -1.45 -1.41	70.57 -1.00 -4.71	50.67 -0.65 -4.97	42.97 -0.57 -5.48	40.07 -0.54 -4.30	38.12 -0.58 -4.56	37.42 -0.75 -4.26	37.86 -0.74 -1.36
HELLGATE_13_KV_LD 55870	44.48 3.16 -0.22	40.52 2.90 -0.01	38.73 2.70 -0.51	38.55 2.53 -2.22	39.20 2.61 -2.31	45.97 2.53 -7.87	74.72 3.76 0.00	102.25 5.04 7.87	97.94 5.40 9.26	88.00 4.94 8.46	66.22 4.26 -1.91	62.68 3.81 -6.02	62.47 3.92 -5.57	62.41 4.07 -3.40	61.66 3.97 -4.79	62.50 4.10 -2.18	68.79 4.01 -9.03	96.69 5.15 -24.69	75.77 3.38 -26.03	69.35 2.59 -28.69	61.43 2.58 -22.54	58.23 2.63 -21.46	52.38 2.64 -15.84	45.43 3.13 -5.05
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	44.48 3.16 -0.22	40.52 2.90 -0.01	38.73 2.70 -0.51	38.55 2.53 -2.22	39.20 2.61 -2.31	45.97 2.53 -7.87	74.72 3.76 0.00	102.25 5.04 7.87	97.94 5.40 9.26	88.00 4.94 8.46	66.22 4.26 -1.91	62.68 3.81 -6.02	62.47 3.92 -5.57	62.41 4.07 -3.40	61.66 3.97 -4.79	62.50 4.10 -2.18	68.79 4.01 -9.03	96.69 5.15 -24.69	75.77 3.38 -26.03	69.35 2.59 -28.69	61.43 2.58 -22.54	58.23 2.63 -21.46	52.38 2.64 -15.84	45.43 3.13 -5.05
HEMPSTEAD____ 23647	44.86 3.54 -0.23	40.86 3.24 -0.01	39.05 3.02 -0.51	38.90 2.87 -2.22	39.55 2.95 -2.32	61.68 2.99 -23.12	84.86 5.25 -8.66	98.94 7.25 13.38	93.49 7.43 15.73	96.03 6.68 2.16	75.43 5.22 -10.16	70.30 4.65 -12.79	70.24 4.71 -12.54	67.72 4.89 -7.88	64.57 4.76 -6.91	70.67 5.06 -9.39	105.96 5.02 -45.20	139.41 6.15 -66.40	128.46 4.22 -77.89	116.31 3.39 -74.85	111.06 3.23 -71.52	107.24 3.14 -69.95	62.42 3.05 -25.47	53.40 3.39 -12.77
HEWLETT__69_KV_BK3 55828	45.32 3.99 -0.23	41.32 3.69 -0.02	39.48 3.45 -0.51	39.27 3.24 -2.23	39.93 3.33 -2.32	62.64 3.38 -23.69	85.43 5.82 -8.66	105.31 8.09 7.86	100.81 8.25 9.24	103.53 7.78 -4.23	78.12 6.00 -12.07	72.68 5.39 -14.43	72.36 5.46 -13.92	69.72 5.49 -9.28	66.30 5.29 -8.11	72.35 5.57 -10.57	108.10 5.35 -47.01	141.35 6.55 -67.94	130.70 4.54 -79.81	118.21 3.58 -76.56	113.16 3.52 -73.33	109.46 3.41 -71.90	63.05 3.29 -25.86	54.23 3.80 -13.19
HICKLING____1 23621	40.93 -0.25 -0.08	37.99 0.38 0.00	35.20 -0.50 -0.18	34.02 -0.57 -0.79	34.81 -0.31 -0.83	38.97 0.43 -2.97	69.89 -1.06 0.00	79.71 -2.21 23.17	72.23 -2.34 27.23	64.16 -2.47 24.88	53.13 -1.50 5.42	47.69 -1.32 3.85	47.99 -1.32 3.67	48.02 -1.43 5.50	46.79 -1.27 4.84	51.04 -1.24 3.94	57.63 -1.06 -2.95	76.10 -0.07 -9.31	56.35 0.19 -9.82	48.96 0.08 -10.82	44.92 0.11 -8.50	41.99 -0.48 -8.32	39.89 -0.71 -6.70	38.97 -0.41 -2.14
HICKLING____2 23622	40.93 -0.25 -0.08	37.99 0.38 0.00	35.20 -0.50 -0.18	34.02 -0.57 -0.79	34.81 -0.31 -0.83	38.97 0.43 -2.97	69.89 -1.06 0.00	79.71 -2.21 23.17	72.23 -2.34 27.23	64.16 -2.47 24.88	53.13 -1.50 5.42	47.69 -1.32 3.85	47.99 -1.32 3.67	48.02 -1.43 5.50	46.79 -1.27 4.84	51.04 -1.24 3.94	57.63 -1.06 -2.95	76.10 -0.07 -9.31	56.35 0.19 -9.82	48.96 0.08 -10.82	44.92 0.11 -8.50	41.99 -0.48 -8.32	39.89 -0.71 -6.70	38.97 -0.41 -2.14
HIGH FALLS____HY 23754	43.94 2.63 -0.21	39.98 2.37 0.00	38.22 2.20 -0.50	38.12 2.10 -2.22	38.73 2.13 -2.31	46.21 2.21 -8.44	74.86 3.90 0.00	102.08 4.83 7.83	97.58 4.99 9.21	87.50 4.39 8.41	65.61 3.60 -1.95	61.35 3.17 -5.31	58.97 3.29 -2.70	56.18 3.41 2.18	56.56 3.39 -0.28	61.98 3.54 -2.22	69.02 3.57 -9.70	98.21 4.88 -26.47	77.47 3.20 -27.92	71.27 2.44 -30.77	62.92 2.43 -24.17	58.99 2.22 -22.62	51.91 2.07 -15.94	44.67 2.35 -5.08
HILLBURN____GT 23639	43.52 2.22 -0.20	39.64 2.03 0.00	37.87 1.88 -0.47	37.68 1.79 -2.09	38.31 1.85 -2.18	44.90 1.88 -7.44	74.08 3.12 0.00	95.34 4.09 13.83	89.82 4.27 16.26	80.41 3.75 14.85	63.42 3.36 -0.01	58.15 2.96 -2.34	53.21 2.97 2.74	46.99 3.13 11.09	48.53 3.01 7.38	60.11 3.20 -0.69	67.02 3.23 -8.05	94.29 4.08 -23.35	73.76 2.78 -24.63	67.42 2.21 -27.14	59.74 2.11 -21.32	56.28 1.98 -20.15	50.38 1.90 -14.58	44.05 2.16 -4.65
HILLSIDE_115KV_TB1 80332	40.36 -0.82 -0.08	37.46 -0.15 0.00	34.71 -0.99 -0.18	33.60 -1.01 -0.81	34.35 -0.79 -0.85	38.55 -0.07 -3.05	69.04 -1.92 0.00	78.30 -3.89 22.89	71.02 -3.87 26.91	62.99 -3.94 24.58	52.41 -2.34 5.30	47.05 -2.11 3.70	47.30 -2.12 3.57	47.30 -2.20 5.45	46.08 -2.06 4.76	50.24 -2.14 3.84	56.86 -1.95 -3.07	75.28 -1.14 -9.55	55.82 -0.60 -10.08	48.56 -0.61 -11.10	44.53 -0.51 -8.72	41.65 -1.02 -8.53	39.54 -1.19 -6.83	38.49 -0.93 -2.18
HISHELDN_WT_PWR 323625	39.15 -2.01 -0.06	36.41 -1.21 0.00	33.57 -2.10 -0.14	32.26 -2.16 -0.63	33.05 -1.89 -0.65	36.51 -1.35 -2.29	65.56 -5.40 0.00	52.68 -8.41 43.99	41.85 -8.24 51.71	36.58 -7.69 47.25	43.13 -5.22 11.69	38.58 -4.60 9.68	39.76 -5.03 8.19	39.88 -5.17 9.90	38.28 -5.08 9.54	42.20 -5.23 8.79	50.87 -5.02 -0.14	69.29 -4.75 -7.18	50.91 -3.01 -7.57	43.74 -2.67 -8.34	40.69 -2.18 -6.55	37.41 -2.73 -6.00	36.02 -2.24 -4.35	36.51 -2.12 -1.39
HOLTSVILLE_IC_1 23690	46.00 4.68 -0.22	41.94 4.32 -0.01	40.04 4.01 -0.51	39.80 3.78 -2.22	40.51 3.91 -2.31	58.19 4.09 -18.52	87.28 7.67 -8.66	102.42 10.72 13.39	96.85 10.79 15.74	95.01 9.34 5.84	74.34 7.08 -7.21	69.49 6.29 -10.34	69.40 6.30 -10.11	67.70 6.59 -6.16	66.26 6.45 -6.91	72.58 6.97 -9.39	96.89 6.97 -34.17	129.28 8.56 -53.86	114.53 5.89 -62.30	103.88 4.84 -60.97	97.71 4.61 -56.79	93.83 4.37 -55.31	63.54 4.17 -25.47	52.15 4.50 -10.40

HOLTSVILLE_IC_10 23699	46.29 4.97 -0.22	42.21 4.59 -0.01	40.25 4.22 -0.51	40.01 3.99 -2.22	40.71 4.11 -2.31	58.50 4.34 -18.59	87.84 8.23 -8.66	103.25 11.56 13.39	97.56 11.50 15.74	95.79 10.07 5.79	74.81 7.51 -7.25	69.90 6.66 -10.38	69.81 6.68 -10.14	68.17 7.03 -6.19	66.69 6.87 -6.91	73.03 7.42 -9.39	97.50 7.42 -34.34	130.14 9.23 -54.05	115.23 6.35 -62.53	104.43 5.18 -61.18	98.30 4.98 -57.01	94.32 4.64 -55.53	63.77 4.41 -25.47	52.45 4.77 -10.44
HOLTSVILLE_IC_2 23691	46.00 4.68 -0.22	41.94 4.32 -0.01	40.04 4.01 -0.51	39.80 3.78 -2.22	40.51 3.91 -2.31	58.19 4.09 -18.52	87.28 7.67 -8.66	102.42 10.72 13.39	96.85 10.79 15.74	95.01 9.34 5.84	74.34 7.08 -7.21	69.49 6.29 -10.34	69.40 6.30 -10.11	67.70 6.59 -6.16	66.26 6.45 -6.91	72.58 6.97 -9.39	96.89 6.97 -34.17	129.28 8.56 -53.86	114.53 5.89 -62.30	103.88 4.84 -60.97	97.71 4.61 -56.79	93.83 4.37 -55.31	63.54 4.17 -25.47	52.15 4.50 -10.40
HOLTSVILLE_IC_3 23692	46.00 4.68 -0.22	41.94 4.32 -0.01	40.04 4.01 -0.51	39.80 3.78 -2.22	40.51 3.91 -2.31	58.19 4.09 -18.52	87.28 7.67 -8.66	102.42 10.72 13.39	96.85 10.79 15.74	95.01 9.34 5.84	74.34 7.08 -7.21	69.49 6.29 -10.34	69.40 6.30 -10.11	67.70 6.59 -6.16	66.26 6.45 -6.91	72.58 6.97 -9.39	96.89 6.97 -34.17	129.28 8.56 -53.86	114.53 5.89 -62.30	103.88 4.84 -60.97	97.71 4.61 -56.79	93.83 4.37 -55.31	63.54 4.17 -25.47	52.15 4.50 -10.40
HOLTSVILLE_IC_4 23693	46.00 4.68 -0.22	41.94 4.32 -0.01	40.04 4.01 -0.51	39.80 3.78 -2.22	40.51 3.91 -2.31	58.19 4.09 -18.52	87.28 7.67 -8.66	102.42 10.72 13.39	96.85 10.79 15.74	95.01 9.34 5.84	74.34 7.08 -7.21	69.49 6.29 -10.34	69.40 6.30 -10.11	67.70 6.59 -6.16	66.26 6.45 -6.91	72.58 6.97 -9.39	96.89 6.97 -34.17	129.28 8.56 -53.86	114.53 5.89 -62.30	103.88 4.84 -60.97	97.71 4.61 -56.79	93.83 4.37 -55.31	63.54 4.17 -25.47	52.15 4.50 -10.40
HOLTSVILLE_IC_5 23694	46.00 4.68 -0.22	41.94 4.32 -0.01	40.04 4.01 -0.51	39.80 3.78 -2.22	40.51 3.91 -2.31	58.19 4.09 -18.52	87.28 7.67 -8.66	102.42 10.72 13.39	96.85 10.79 15.74	95.01 9.34 5.84	74.34 7.08 -7.21	69.49 6.29 -10.34	69.40 6.30 -10.11	67.70 6.59 -6.16	66.26 6.45 -6.91	72.58 6.97 -9.39	96.89 6.97 -34.17	129.28 8.56 -53.86	114.53 5.89 -62.30	103.88 4.84 -60.97	97.71 4.61 -56.79	93.83 4.37 -55.31	63.54 4.17 -25.47	52.15 4.50 -10.40
HOLTSVILLE_IC_6 23695	46.29 4.97 -0.22	42.21 4.59 -0.01	40.25 4.22 -0.51	40.01 3.99 -2.22	40.71 4.11 -2.31	58.50 4.34 -18.59	87.84 8.23 -8.66	103.25 11.56 13.39	97.56 11.50 15.74	95.79 10.07 5.79	74.81 7.51 -7.25	69.90 6.66 -10.38	69.81 6.68 -10.14	68.17 7.03 -6.19	66.69 6.87 -6.91	73.03 7.42 -9.39	97.50 7.42 -34.34	130.14 9.23 -54.05	115.23 6.35 -62.53	104.43 5.18 -61.18	98.30 4.98 -57.01	94.32 4.64 -55.53	63.77 4.41 -25.47	52.45 4.77 -10.44
HOLTSVILLE_IC_7 23696	46.29 4.97 -0.22	42.21 4.59 -0.01	40.25 4.22 -0.51	40.01 3.99 -2.22	40.71 4.11 -2.31	58.50 4.34 -18.59	87.84 8.23 -8.66	103.25 11.56 13.39	97.56 11.50 15.74	95.79 10.07 5.79	74.81 7.51 -7.25	69.90 6.66 -10.38	69.81 6.68 -10.14	68.17 7.03 -6.19	66.69 6.87 -6.91	73.03 7.42 -9.39	97.50 7.42 -34.34	130.14 9.23 -54.05	115.23 6.35 -62.53	104.43 5.18 -61.18	98.30 4.98 -57.01	94.32 4.64 -55.53	63.77 4.41 -25.47	52.45 4.77 -10.44
HOLTSVILLE_IC_8 23697	46.29 4.97 -0.22	42.21 4.59 -0.01	40.25 4.22 -0.51	40.01 3.99 -2.22	40.71 4.11 -2.31	58.50 4.34 -18.59	87.84 8.23 -8.66	103.25 11.56 13.39	97.56 11.50 15.74	95.79 10.07 5.79	74.81 7.51 -7.25	69.90 6.66 -10.38	69.81 6.68 -10.14	68.17 7.03 -6.19	66.69 6.87 -6.91	73.03 7.42 -9.39	97.50 7.42 -34.34	130.14 9.23 -54.05	115.23 6.35 -62.53	104.43 5.18 -61.18	98.30 4.98 -57.01	94.32 4.64 -55.53	63.77 4.41 -25.47	52.45 4.77 -10.44
HOLTSVILLE_IC_9 23698	46.29 4.97 -0.22	42.21 4.59 -0.01	40.25 4.22 -0.51	40.01 3.99 -2.22	40.71 4.11 -2.31	58.50 4.34 -18.59	87.84 8.23 -8.66	103.25 11.56 13.39	97.56 11.50 15.74	95.79 10.07 5.79	74.81 7.51 -7.25	69.90 6.66 -10.38	69.81 6.68 -10.14	68.17 7.03 -6.19	66.69 6.87 -6.91	73.03 7.42 -9.39	97.50 7.42 -34.34	130.14 9.23 -54.05	115.23 6.35 -62.53	104.43 5.18 -61.18	98.30 4.98 -57.01	94.32 4.64 -55.53	63.77 4.41 -25.47	52.45 4.77 -10.44
HOMER_HL_115KV_TB2 355744	39.47 -1.69 -0.06	38.18 0.56 0.00	33.28 -2.38 -0.14	31.99 -2.43 -0.62	32.81 -2.13 -0.65	38.33 0.50 -2.26	69.18 -1.77 0.00	71.33 -7.46 26.30	63.46 -7.43 30.91	55.40 -7.87 28.24	48.43 -4.86 6.76	43.01 -4.44 5.41	43.69 -4.56 4.74	44.13 -4.73 6.09	42.64 -4.55 5.71	46.46 -4.72 5.04	53.27 -4.07 -1.59	72.28 -1.67 -7.09	52.95 -0.88 -7.48	45.40 -0.91 -8.24	42.10 -0.69 -6.47	37.94 -2.63 -6.42	36.63 -2.88 -5.61	36.50 -2.53 -1.79
HOWARD_WT_PWR 323690	40.96 -0.20 -0.07	38.03 0.41 0.00	35.11 -0.57 -0.16	33.83 -0.68 -0.71	34.65 -0.38 -0.74	38.45 0.25 -2.62	69.05 -1.91 0.00	60.15 -2.83 42.10	49.16 -3.16 49.48	43.10 -3.21 45.21	46.71 -2.34 10.99	41.82 -2.12 8.93	43.16 -2.17 7.65	43.23 -2.20 9.52	41.94 -1.90 9.05	46.19 -1.80 8.23	55.13 -1.28 -0.67	74.96 -0.13 -8.23	55.22 0.19 -8.68	47.64 0.00 -9.57	44.12 0.29 -7.52	40.50 -0.51 -6.87	38.13 -0.47 -4.70	38.41 -0.34 -1.50
HQ_GEN_CEDARS 23644	41.51 0.41 0.00	37.95 0.34 0.00	35.95 0.43 0.00	34.21 0.41 0.00	34.56 0.27 0.00	35.71 0.14 0.00	72.38 1.42 0.00	104.81 2.10 2.37	100.85 1.83 2.79	90.80 1.83 2.54	59.52 0.18 0.71	52.41 0.21 0.66	52.63 0.16 0.51	54.66 0.22 0.51	52.52 0.16 0.54	55.78 0.11 0.55	55.91 0.17 0.00	66.99 0.13 0.00	46.44 0.09 0.00	38.18 0.11 0.00	36.39 0.07 0.00	34.49 0.20 -0.14	34.51 0.24 -0.37	37.59 0.22 -0.12
HQ_GEN_CEDARS_PROXY 323590	41.51 0.41 0.00	37.95 0.34 0.00	35.95 0.43 0.00	34.21 0.41 0.00	34.56 0.27 0.00	35.71 0.14 0.00	71.74 1.42 0.64	103.89 2.10 3.29	99.01 1.83 4.62	93.46 1.73 -0.21	54.72 0.18 5.51	52.16 0.21 0.91	52.40 0.16 0.74	54.32 0.22 0.85	52.22 0.16 0.84	55.52 0.11 0.81	55.61 0.06 0.19	66.99 0.13 0.00	46.44 0.09 0.00	38.18 0.11 0.00	36.39 0.07 0.00	34.35 0.21 0.00	34.07 0.17 0.00	37.47 0.22 0.00
HQ_GEN_IMPORT 323601	41.06 -0.04 0.00	37.54 -0.08 0.00	35.49 -0.04 0.00	33.80 0.00 0.00	34.22 -0.07 0.00	35.47 -0.11 0.00	70.75 0.43 0.64	105.10 0.63 0.62	100.83 0.51 1.48	97.65 0.55 -5.58	52.50 -0.24 7.31	52.30 -0.21 0.35	52.50 -0.21 0.27	54.46 -0.22 0.27	52.40 -0.21 0.29	55.70 -0.22 0.29	55.47 -0.28 0.00	66.59 -0.27 0.00	46.17 -0.18 0.00	37.92 -0.15 0.00	36.17 -0.14 0.00	34.04 -0.10 0.00	33.80 -0.10 0.00	37.13 -0.11 0.00
HQ_GEN_WHEEL 23651	41.06 -0.04 0.00	37.54 -0.08 0.00	35.49 -0.04 0.00	33.80 0.00 0.00	34.22 -0.07 0.00	35.47 -0.11 0.00	70.75 0.43 0.64	105.10 0.63 0.62	100.83 0.51 1.48	97.65 0.55 -5.58	52.50 -0.24 7.31	52.30 -0.21 0.35	52.50 -0.21 0.27	54.46 -0.22 0.27	52.40 -0.21 0.29	55.70 -0.22 0.29	55.47 -0.28 0.00	66.59 -0.27 0.00	46.17 -0.18 0.00	37.92 -0.15 0.00	36.17 -0.14 0.00	34.04 -0.10 0.00	33.80 -0.10 0.00	37.13 -0.11 0.00

HUDSON AVE_GT_3 23810	44.23 2.92 -0.21	40.24 2.63 0.00	38.47 2.45 -0.50	38.31 2.30 -2.21	38.96 2.37 -2.30	45.86 2.42 -7.87	74.93 3.97 0.00	102.78 5.57 7.87	98.45 5.90 9.26	88.37 5.31 8.46	66.34 4.38 -1.91	62.79 3.91 -6.02	62.53 3.97 -5.57	62.53 4.18 -3.40	61.72 4.02 -4.80	62.61 4.22 -2.18	68.95 4.18 -9.03	96.89 5.35 -24.69	75.95 3.57 -26.03	69.50 2.74 -28.69	61.54 2.69 -22.54	58.27 2.66 -21.46	52.25 2.51 -15.84	45.20 2.91 -5.05
HUDSON AVE_GT_4 23540	44.23 2.92 -0.21	40.24 2.63 0.00	38.47 2.45 -0.50	38.31 2.30 -2.21	38.96 2.37 -2.30	45.86 2.42 -7.87	74.93 3.97 0.00	102.78 5.57 7.87	98.45 5.90 9.26	88.37 5.31 8.46	66.34 4.38 -1.91	62.79 3.91 -6.02	62.53 3.97 -5.57	62.53 4.18 -3.40	61.72 4.02 -4.80	62.61 4.22 -2.18	68.95 4.18 -9.03	96.89 5.35 -24.69	75.95 3.57 -26.03	69.50 2.74 -28.69	61.54 2.69 -22.54	58.27 2.66 -21.46	52.25 2.51 -15.84	45.20 2.91 -5.05
HUDSON AVE_GT_5 23657	44.23 2.92 -0.21	40.24 2.63 0.00	38.47 2.45 -0.50	38.31 2.30 -2.21	38.96 2.37 -2.30	45.86 2.42 -7.87	74.93 3.97 0.00	102.78 5.57 7.87	98.45 5.90 9.26	88.37 5.31 8.46	66.34 4.38 -1.91	62.79 3.91 -6.02	62.53 3.97 -5.57	62.53 4.18 -3.40	61.72 4.02 -4.80	62.61 4.22 -2.18	68.95 4.18 -9.03	96.89 5.35 -24.69	75.95 3.57 -26.03	69.50 2.74 -28.69	61.54 2.69 -22.54	58.27 2.66 -21.46	52.25 2.51 -15.84	45.20 2.91 -5.05
HUDSON_AVE_10 24168	44.15 2.84 -0.21	40.17 2.56 0.00	38.40 2.38 -0.50	38.24 2.23 -2.21	38.89 2.30 -2.30	45.75 2.31 -7.87	74.86 3.90 0.00	102.57 5.36 7.87	98.25 5.70 9.26	88.27 5.22 8.46	66.22 4.26 -1.91	62.69 3.81 -6.02	62.48 3.92 -5.57	62.42 4.07 -3.40	61.61 3.91 -4.80	62.56 4.16 -2.18	68.90 4.13 -9.03	96.83 5.28 -24.69	75.91 3.52 -26.03	69.46 2.70 -28.69	61.50 2.65 -22.54	58.20 2.60 -21.46	52.21 2.47 -15.84	45.12 2.83 -5.05
HUDSON___115KV_TB 4 355613	44.02 2.67 -0.25	40.13 2.52 0.00	38.42 2.31 -0.59	38.61 2.20 -2.61	39.20 2.19 -2.72	50.98 2.10 -13.31	75.07 4.12 0.00	103.41 5.15 6.82	98.57 4.78 8.02	88.03 3.84 7.32	66.77 3.72 -3.00	63.41 3.38 -7.17	60.99 3.29 -4.72	58.30 3.41 0.05	58.72 3.33 -2.48	62.80 3.43 -3.15	74.29 3.12 -15.43	112.36 3.74 -41.76	92.98 2.60 -44.04	88.77 2.17 -48.53	76.55 2.11 -38.13	69.24 1.84 -33.24	54.52 2.03 -18.59	45.44 2.27 -5.92
HUNTER MOUNT___DRP 323613	44.47 3.12 -0.24	40.55 2.93 0.00	38.80 2.70 -0.58	38.92 2.57 -2.55	39.51 2.57 -2.65	50.19 2.38 -12.24	76.00 5.04 0.00	104.30 6.20 6.99	99.19 5.60 8.21	88.50 4.48 7.50	67.02 4.14 -2.83	63.60 3.86 -6.88	61.12 3.71 -4.42	58.45 3.85 0.34	58.88 3.81 -2.17	63.04 3.82 -3.00	73.26 3.34 -14.17	109.40 4.15 -38.39	89.71 2.87 -40.49	85.05 2.36 -44.62	73.66 2.29 -35.06	67.09 1.98 -30.97	54.37 2.31 -18.16	45.60 2.57 -5.79
HUNTINGTON_RES_REC 323705	45.55 4.23 -0.22	41.50 3.87 -0.01	39.61 3.59 -0.51	39.40 3.38 -2.22	40.10 3.50 -2.31	57.87 3.66 -18.63	86.43 6.81 -8.66	101.25 9.56 13.39	95.63 9.57 15.74	94.17 8.41 5.76	73.76 6.43 -7.28	69.02 5.76 -10.40	68.93 5.78 -10.17	67.20 6.04 -6.20	65.68 5.87 -6.91	71.96 6.35 -9.39	96.42 6.24 -34.43	128.54 7.55 -54.13	114.18 5.19 -62.64	103.61 4.26 -61.27	97.52 4.10 -57.11	93.72 3.93 -55.65	63.16 3.80 -25.47	51.76 4.06 -10.46
HUNTLEY___63 23557	38.52 -2.63 -0.05	35.66 -1.96 0.00	33.09 -2.56 -0.13	31.74 -2.64 -0.57	32.59 -2.30 -0.60	35.77 -1.89 -2.08	63.93 -7.02 0.00	67.82 -10.09 27.18	60.18 -9.67 31.95	53.54 -8.79 29.19	46.91 -6.00 7.13	41.73 -5.29 5.84	42.07 -5.88 5.04	42.59 -6.10 6.26	40.91 -6.03 5.95	44.35 -6.52 5.34	50.42 -6.58 -1.25	66.63 -6.75 -6.52	48.83 -4.40 -6.88	41.96 -3.69 -7.58	39.00 -3.27 -5.96	36.65 -3.41 -5.92	36.08 -3.15 -5.33	36.37 -2.57 -1.70
HUNTLEY___64 23558	38.52 -2.63 -0.05	35.66 -1.96 0.00	33.09 -2.56 -0.13	31.74 -2.64 -0.57	32.59 -2.30 -0.60	35.77 -1.89 -2.08	63.93 -7.02 0.00	67.82 -10.09 27.18	60.18 -9.67 31.95	53.54 -8.79 29.19	46.91 -6.00 7.13	41.73 -5.29 5.84	42.07 -5.88 5.04	42.59 -6.10 6.26	40.91 -6.03 5.95	44.35 -6.52 5.34	50.42 -6.58 -1.25	66.63 -6.75 -6.52	48.83 -4.40 -6.88	41.96 -3.69 -7.58	39.00 -3.27 -5.96	36.65 -3.41 -5.92	36.08 -3.15 -5.33	36.37 -2.57 -1.70
HUNTLEY___65 23559	38.52 -2.63 -0.05	35.66 -1.96 0.00	33.09 -2.56 -0.13	31.74 -2.64 -0.57	32.59 -2.30 -0.60	35.77 -1.89 -2.08	63.93 -7.02 0.00	67.82 -10.09 27.18	60.18 -9.67 31.95	53.54 -8.79 29.19	46.91 -6.00 7.13	41.73 -5.29 5.84	42.07 -5.88 5.04	42.59 -6.10 6.26	40.91 -6.03 5.95	44.35 -6.52 5.34	50.42 -6.58 -1.25	66.63 -6.75 -6.52	48.83 -4.40 -6.88	41.96 -3.69 -7.58	39.00 -3.27 -5.96	36.65 -3.41 -5.92	36.08 -3.15 -5.33	36.37 -2.57 -1.70
HUNTLEY___66 23560	38.52 -2.63 -0.05	35.66 -1.96 0.00	33.09 -2.56 -0.13	31.74 -2.64 -0.57	32.59 -2.30 -0.60	35.77 -1.89 -2.08	63.93 -7.02 0.00	67.82 -10.09 27.18	60.18 -9.67 31.95	53.54 -8.79 29.19	46.91 -6.00 7.13	41.73 -5.29 5.84	42.07 -5.88 5.04	42.59 -6.10 6.26	40.91 -6.03 5.95	44.35 -6.52 5.34	50.42 -6.58 -1.25	66.63 -6.75 -6.52	48.83 -4.40 -6.88	41.96 -3.69 -7.58	39.00 -3.27 -5.96	36.65 -3.41 -5.92	36.08 -3.15 -5.33	36.37 -2.57 -1.70
HUNTLEY___67 23561	38.44 -2.71 -0.06	35.62 -1.99 0.00	33.02 -2.63 -0.13	31.68 -2.70 -0.58	32.49 -2.40 -0.61	35.76 -1.92 -2.11	63.93 -7.02 0.00	67.80 -10.09 27.19	60.07 -9.77 31.96	53.44 -8.88 29.20	46.86 -6.07 7.13	41.69 -5.34 5.84	42.07 -5.88 5.03	42.64 -6.04 6.26	40.96 -5.98 5.96	44.63 -6.24 5.34	50.78 -6.24 -1.28	67.12 -6.35 -6.61	49.20 -4.13 -6.97	42.33 -3.43 -7.69	39.26 -3.09 -6.04	36.72 -3.41 -5.98	36.06 -3.22 -5.38	36.28 -2.68 -1.71
HUNTLEY___68 23562	38.44 -2.71 -0.06	35.62 -1.99 0.00	33.02 -2.63 -0.13	31.68 -2.70 -0.58	32.49 -2.40 -0.61	35.76 -1.92 -2.11	63.93 -7.02 0.00	67.80 -10.09 27.19	60.07 -9.77 31.96	53.44 -8.88 29.20	46.86 -6.07 7.13	41.69 -5.34 5.84	42.07 -5.88 5.03	42.64 -6.04 6.26	40.96 -5.98 5.96	44.63 -6.24 5.34	50.78 -6.24 -1.28	67.12 -6.35 -6.61	49.20 -4.13 -6.97	42.33 -3.43 -7.69	39.26 -3.09 -6.04	36.72 -3.41 -5.98	36.06 -3.22 -5.38	36.28 -2.68 -1.71
HYLAND___LFGE 323620	41.86 0.70 -0.06	38.48 0.87 0.00	36.05 0.39 -0.14	34.56 0.14 -0.62	35.31 0.38 -0.65	38.55 0.71 -2.27	68.97 -1.99 0.00	59.98 -1.89 43.22	48.97 -2.04 50.80	42.90 -2.20 46.41	46.36 -2.28 11.41	41.42 -2.06 9.38	42.69 -2.33 7.97	42.74 -2.47 9.74	41.24 -2.33 9.33	45.68 -1.97 8.56	54.67 -1.34 -0.26	73.77 -0.20 -7.11	53.85 0.00 -7.50	46.07 -0.26 -8.26	43.86 1.05 -6.49	40.62 0.44 -6.03	38.66 0.47 -4.29	39.06 0.45 -1.37
INDECK___CORINTH 23802	43.42 2.05 -0.26	39.57 1.95 0.00	37.99 1.85 -0.62	38.31 1.76 -2.75	39.04 1.88 -2.86	58.98 2.06 -21.35	74.43 3.48 0.00	98.89 4.94 11.14	93.19 4.47 13.09	82.21 2.66 11.96	64.94 2.82 -2.07	61.87 2.38 -6.63	59.43 2.17 -4.27	56.14 1.98 0.79	56.77 2.01 -1.87	61.01 2.31 -2.49	82.98 2.79 -24.45	136.86 3.01 -66.99	119.17 2.18 -70.64	117.59 1.67 -77.85	99.04 1.56 -61.17	84.90 1.37 -49.39	54.33 1.22 -19.21	44.63 1.27 -6.12

INDECK___ILION 23567	41.72 0.62 -0.01	38.21 0.60 0.00	36.14 0.60 -0.01	34.40 0.54 -0.06	34.94 0.58 -0.07	36.21 0.64 0.00	72.16 1.21 0.00	103.93 2.31 3.46	99.97 2.24 4.07	89.72 1.92 3.72	60.52 1.38 0.91	53.33 1.22 0.75	53.58 1.22 0.62	55.41 1.21 0.75	53.39 1.22 0.72	56.82 1.29 0.69	56.89 1.34 0.20	68.20 1.34 0.00	47.19 0.83 0.00	38.75 0.69 0.00	36.97 0.65 0.00	34.95 0.58 -0.22	35.03 0.54 -0.59	38.03 0.60 -0.19
INDECK___OLEAN 23982	39.56 -1.60 -0.06	38.18 0.57 0.00	33.28 -2.38 -0.14	31.99 -2.43 -0.62	32.81 -2.13 -0.65	38.22 0.39 -2.26	69.19 -1.77 0.00	53.56 -7.46 44.06	42.58 -7.43 51.79	36.32 -7.87 47.32	43.41 -4.92 11.71	38.71 -4.44 9.71	40.22 -4.56 8.21	40.30 -4.73 9.92	38.74 -4.60 9.56	42.69 -4.72 8.81	51.83 -4.01 -0.10	72.28 -1.67 -7.09	52.81 -1.02 -7.48	45.24 -1.07 -8.24	42.06 -0.73 -6.47	37.35 -2.73 -5.94	35.61 -2.61 -4.32	36.09 -2.53 -1.38
INDECK___OSWEGO 23783	39.86 -1.27 -0.04	36.45 -1.17 0.00	34.47 -1.14 -0.09	33.07 -1.11 -0.39	33.63 -1.06 -0.40	35.85 -1.07 -1.34	67.84 -3.12 0.00	54.96 -4.94 45.19	43.91 -4.78 53.11	38.78 -4.21 48.53	44.91 -2.70 12.43	39.86 -2.32 10.67	41.85 -2.33 8.80	42.50 -2.42 10.03	40.70 -2.27 9.93	44.37 -2.42 9.43	55.18 -2.34 -1.77	68.80 -2.27 -4.22	49.27 -1.53 -4.45	41.67 -1.29 -4.90	38.96 -1.20 -3.85	36.92 -0.89 -3.66	35.66 -0.95 -2.70	36.99 -1.12 -0.86
INDECK___YERKES 23781	38.57 -2.59 -0.05	35.70 -1.92 0.00	33.13 -2.52 -0.13	31.77 -2.60 -0.57	32.62 -2.26 -0.60	35.62 -2.03 -2.08	64.01 -6.95 0.00	49.79 -9.88 45.41	38.85 -9.57 53.38	34.14 -8.61 48.77	41.83 -6.00 12.22	37.43 -5.18 10.25	38.56 -5.83 8.60	38.72 -6.04 10.19	36.96 -6.03 9.90	40.48 -6.52 9.21	48.83 -6.63 0.28	66.50 -6.89 -6.52	48.69 -4.54 -6.88	41.73 -3.92 -7.58	38.93 -3.34 -5.96	36.16 -3.41 -5.43	35.19 -2.71 -4.00	35.99 -2.53 -1.28
INDIAN POINT_GT_1 24139	44.02 2.71 -0.21	40.09 2.48 0.00	38.29 2.27 -0.50	38.17 2.16 -2.21	38.78 2.19 -2.30	45.70 2.28 -7.85	74.79 3.83 0.00	102.45 5.25 7.88	98.13 5.60 9.27	88.08 5.03 8.47	66.15 4.20 -1.90	62.60 3.70 -6.04	62.44 3.76 -5.69	62.49 3.90 -3.65	61.64 3.76 -4.99	62.38 3.99 -2.17	68.71 3.96 -9.01	96.52 5.01 -24.64	75.72 3.38 -25.99	69.33 2.63 -28.64	61.39 2.58 -22.50	58.02 2.46 -21.42	52.05 2.34 -15.81	44.93 2.64 -5.04
INDIAN POINT_GT_2 23659	44.02 2.71 -0.21	40.09 2.48 0.00	38.29 2.27 -0.50	38.17 2.16 -2.21	38.78 2.19 -2.30	45.70 2.28 -7.85	74.79 3.83 0.00	102.45 5.25 7.88	98.13 5.60 9.27	88.08 5.03 8.47	66.15 4.20 -1.90	62.60 3.70 -6.04	62.44 3.76 -5.69	62.49 3.90 -3.65	61.64 3.76 -4.99	62.38 3.99 -2.17	68.71 3.96 -9.01	96.52 5.01 -24.64	75.72 3.38 -25.99	69.33 2.63 -28.64	61.39 2.58 -22.50	58.02 2.46 -21.42	52.05 2.34 -15.81	44.93 2.64 -5.04
INDIAN POINT_GT_3 24019	44.02 2.71 -0.21	40.09 2.48 0.00	38.29 2.27 -0.50	38.17 2.16 -2.21	38.78 2.19 -2.30	45.70 2.28 -7.85	74.79 3.83 0.00	102.45 5.25 7.88	98.13 5.60 9.27	88.08 5.03 8.47	66.15 4.20 -1.90	62.60 3.70 -6.04	62.44 3.76 -5.69	62.49 3.90 -3.65	61.64 3.76 -4.99	62.38 3.99 -2.17	68.71 3.96 -9.01	96.52 5.01 -24.64	75.72 3.38 -25.99	69.33 2.63 -28.64	61.39 2.58 -22.50	58.02 2.46 -21.42	52.05 2.34 -15.81	44.93 2.64 -5.04
INDIAN POINT___2 23530	44.06 2.75 -0.21	40.13 2.52 0.00	38.33 2.31 -0.50	38.21 2.20 -2.21	38.85 2.26 -2.30	45.75 2.31 -7.86	74.86 3.90 0.00	97.04 5.36 13.40	91.74 5.70 15.75	82.24 5.12 14.39	64.68 4.26 -0.36	61.30 3.75 -4.69	61.33 3.82 -4.53	61.19 3.96 -2.28	60.37 3.81 -3.66	61.27 4.05 -1.01	68.38 4.07 -8.57	96.68 5.15 -24.67	75.80 3.43 -26.02	69.52 2.78 -28.67	61.46 2.62 -22.53	57.94 2.49 -21.30	51.74 2.41 -15.43	44.84 2.68 -4.92
INDIAN POINT___3 23531	43.73 2.42 -0.21	39.83 2.22 0.00	38.07 2.06 -0.49	37.91 1.93 -2.18	38.55 1.99 -2.27	45.36 2.03 -7.76	74.36 3.41 0.00	101.77 4.62 7.94	97.25 4.78 9.33	87.29 4.30 8.53	65.54 3.66 -1.83	62.19 3.28 -6.06	62.43 3.34 -6.11	62.98 3.46 -4.57	61.94 3.33 -5.71	61.87 3.54 -2.11	68.15 3.51 -8.90	95.61 4.41 -24.34	74.98 2.97 -25.67	68.68 2.32 -28.29	60.82 2.29 -22.22	57.49 2.19 -21.16	51.59 2.07 -15.62	44.57 2.35 -4.98
INGHAM_C_115KV_TB7 356103	42.13 1.03 -0.01	38.59 0.98 0.00	36.49 0.96 -0.01	34.78 0.91 -0.06	35.28 0.93 -0.07	36.60 1.03 0.00	72.95 1.99 0.00	105.19 3.57 3.46	101.09 3.36 4.07	90.63 2.84 3.72	61.18 2.04 0.91	53.86 1.74 0.75	54.11 1.75 0.62	55.96 1.76 0.75	53.92 1.75 0.72	57.38 1.86 0.69	57.50 1.95 0.20	68.93 2.07 0.00	47.70 1.34 0.00	39.13 1.07 0.00	37.33 1.02 0.00	35.29 0.92 -0.22	35.37 0.88 -0.59	38.40 0.97 -0.19
IP CORINTH___1 23988	43.62 2.26 -0.26	39.79 2.18 0.00	38.17 2.02 -0.62	38.48 1.93 -2.75	39.21 2.06 -2.86	59.20 2.28 -21.35	74.79 3.83 0.00	104.00 5.46 6.55	99.19 5.09 7.70	87.59 3.11 7.03	66.58 3.18 -3.35	63.24 2.64 -7.74	60.59 2.44 -5.17	57.46 2.31 -0.20	58.03 2.27 -2.86	62.27 2.59 -3.47	83.47 2.90 -24.83	137.19 3.34 -66.99	119.45 2.46 -70.64	117.82 1.90 -77.85	99.22 1.74 -61.17	85.20 1.54 -49.51	54.83 1.39 -19.54	44.92 1.45 -6.22
IP___TICONDEROGA 23804	45.39 4.03 -0.26	41.52 3.91 0.00	39.76 3.62 -0.62	39.99 3.45 -2.75	40.82 3.67 -2.86	60.87 4.06 -21.24	78.62 7.66 0.00	109.99 11.45 6.55	104.69 10.59 7.70	91.99 7.50 7.03	69.82 6.43 -3.34	65.98 5.39 -7.73	63.08 4.93 -5.17	59.94 4.78 -0.21	60.52 4.76 -2.86	64.96 5.28 -3.46	86.30 5.85 -24.70	140.39 6.89 -66.65	121.64 5.01 -70.29	119.37 3.84 -77.46	100.73 3.56 -60.86	86.58 3.14 -49.29	56.30 2.88 -19.51	46.55 3.09 -6.22
ISLIP_RES_REC 323679	46.50 5.18 -0.22	42.36 4.74 -0.01	40.43 4.40 -0.51	40.14 4.12 -2.22	40.88 4.29 -2.31	58.73 4.52 -18.64	88.27 8.65 -8.66	103.88 12.18 13.39	98.27 12.21 15.74	96.28 10.52 5.76	75.19 7.86 -7.28	70.24 6.98 -10.40	70.15 6.99 -10.17	68.46 7.31 -6.21	67.00 7.19 -6.91	73.37 7.76 -9.39	97.99 7.80 -34.44	130.72 9.69 -54.17	115.70 6.68 -62.68	104.82 5.44 -61.31	98.69 5.23 -57.15	94.66 4.85 -55.67	63.98 4.61 -25.47	52.62 4.92 -10.46
JAMAICA__27_KV_LOAD 355505	44.39 3.08 -0.21	40.36 2.75 0.00	38.61 2.59 -0.50	38.44 2.43 -2.21	39.06 2.47 -2.30	45.97 2.53 -7.87	75.36 4.40 0.00	103.51 6.30 7.87	99.06 6.52 9.26	89.01 5.95 8.46	66.64 4.68 -1.91	63.11 4.23 -6.02	62.85 4.29 -5.57	62.86 4.51 -3.40	62.03 4.34 -4.80	63.01 4.61 -2.18	69.40 4.63 -9.03	97.50 5.95 -24.69	76.37 3.99 -26.03	69.84 3.08 -28.69	61.83 2.98 -22.54	58.50 2.90 -21.46	52.49 2.75 -15.84	45.38 3.09 -5.05
JANIS___SOLAR 323808	43.40 2.22 -0.08	39.87 2.26 0.00	37.59 1.88 -0.19	36.31 1.69 -0.82	37.03 1.88 -0.86	41.36 2.35 -3.45	75.36 4.40 0.00	75.27 6.62 36.44	64.98 6.00 42.83	57.05 4.66 39.13	53.98 2.94 9.01	48.69 2.69 6.86	49.81 2.97 6.14	49.44 2.86 8.36	48.06 2.80 7.64	52.88 3.32 6.65	62.30 4.02 -2.54	83.48 5.81 -10.81	61.69 3.94 -11.40	53.83 3.20 -12.56	49.09 2.91 -9.87	45.42 2.32 -8.95	41.64 1.97 -5.77	41.09 2.01 -1.84

JARVIS____ 23743	41.31 0.21 -0.01	37.80 0.19 0.00	35.71 0.18 -0.01	34.03 0.17 -0.06	34.52 0.17 -0.07	35.75 0.18 0.00	71.31 0.36 0.00	100.24 0.94 5.79	95.91 0.91 6.80	86.12 0.82 6.22	59.14 0.66 1.57	52.12 0.58 1.32	52.49 0.58 1.08	54.31 0.61 1.25	52.20 0.53 1.23	55.59 0.56 1.18	55.99 0.61 0.37	67.26 0.40 0.00	46.58 0.23 0.00	38.26 0.19 0.00	36.50 0.18 0.00	34.48 0.17 -0.16	34.51 0.17 -0.44	37.57 0.19 -0.14
JENNISON____1 23625	43.87 2.67 -0.09	40.32 2.71 0.00	38.02 2.27 -0.22	36.85 2.06 -0.99	37.55 2.23 -1.03	42.85 2.70 -4.58	76.14 5.18 0.00	93.22 7.36 19.22	86.34 7.13 22.59	76.82 5.95 20.64	60.47 4.26 3.85	54.55 3.75 2.06	54.44 3.87 2.41	54.08 3.85 4.71	52.95 3.81 3.76	57.66 4.10 2.66	65.35 4.57 -5.04	87.57 6.35 -14.36	65.72 4.22 -15.15	58.22 3.46 -16.69	52.62 3.20 -13.11	48.71 2.60 -11.97	43.94 2.17 -7.87	42.10 2.35 -2.51
JENNISON____2 23626	43.87 2.67 -0.09	40.32 2.71 0.00	38.02 2.27 -0.22	36.85 2.06 -0.99	37.55 2.23 -1.03	42.85 2.70 -4.58	76.14 5.18 0.00	93.22 7.36 19.22	86.34 7.13 22.59	76.82 5.95 20.64	60.47 4.26 3.85	54.55 3.75 2.06	54.44 3.87 2.41	54.08 3.85 4.71	52.95 3.81 3.76	57.66 4.10 2.66	65.35 4.57 -5.04	87.57 6.35 -14.36	65.72 4.22 -15.15	58.22 3.46 -16.69	52.62 3.20 -13.11	48.71 2.60 -11.97	43.94 2.17 -7.87	42.10 2.35 -2.51
JERICHO_RISE_WT_PWR 323719	42.25 1.15 0.00	38.70 1.09 0.00	36.66 1.14 0.00	34.61 0.81 0.00	35.08 0.79 0.00	36.35 0.78 0.00	73.37 2.41 0.00	104.21 2.42 3.29	99.97 2.04 3.86	90.64 2.66 3.53	60.29 1.14 0.90	53.05 0.95 0.76	53.16 0.80 0.62	55.06 0.83 0.71	52.78 0.58 0.70	56.32 0.79 0.68	56.42 0.67 0.00	67.86 1.00 0.00	47.23 0.88 0.00	38.83 0.76 0.00	36.86 0.55 0.00	34.69 0.54 0.00	34.31 0.41 0.00	38.03 0.78 0.00
KATONAH____115KV_46KV_TB4 355592	44.27 2.96 -0.21	40.32 2.71 0.00	38.51 2.49 -0.50	38.43 2.40 -2.23	38.97 2.37 -2.32	45.96 2.45 -7.93	75.29 4.33 0.00	103.34 6.09 7.84	99.10 6.52 9.21	89.41 6.31 8.42	66.99 4.98 -1.95	63.12 4.33 -5.93	62.30 4.29 -5.02	61.67 4.45 -2.27	61.13 4.34 -3.90	62.82 4.38 -2.22	69.25 4.40 -9.10	97.37 5.62 -24.89	76.40 3.80 -26.25	69.93 2.93 -28.93	61.91 2.87 -22.73	58.51 2.73 -21.63	52.36 2.51 -15.95	45.16 2.83 -5.08
KCE_NY_1 323755	44.07 2.71 -0.26	40.17 2.56 0.00	38.52 2.38 -0.62	38.81 2.26 -2.74	39.48 2.33 -2.86	59.19 2.53 -21.09	75.50 4.55 0.00	100.25 6.30 11.14	94.71 6.00 13.10	84.12 4.57 11.97	66.12 4.02 -2.05	62.95 3.49 -6.60	60.64 3.39 -4.26	57.53 3.35 0.77	58.05 3.28 -1.87	62.29 3.60 -2.47	83.79 3.90 -24.15	137.44 4.41 -66.17	119.24 3.11 -69.78	117.48 2.51 -76.90	99.13 2.40 -60.42	85.19 2.19 -48.85	55.16 2.10 -19.16	45.62 2.27 -6.10
KCE_NY_6_ESR 323823	39.02 -2.14 -0.06	36.45 -1.17 0.00	33.35 -2.31 -0.13	31.99 -2.40 -0.59	32.81 -2.09 -0.62	36.44 -1.28 -2.15	65.50 -5.46 0.00	51.31 -8.83 44.94	40.42 -8.55 52.83	35.38 -7.87 48.27	42.60 -5.40 12.04	38.04 -4.76 10.06	39.27 -5.25 8.46	39.47 -5.38 10.09	37.72 -5.40 9.78	41.58 -5.57 9.07	50.20 -5.41 0.14	68.67 -4.95 -6.75	50.27 -3.20 -7.12	43.06 -2.86 -7.85	40.12 -2.36 -6.17	36.73 -3.04 -5.62	35.56 -2.47 -4.13	36.21 -2.35 -1.32
KEDC_PORT_JEFF_GT2 24210	46.25 4.93 -0.22	42.13 4.51 -0.01	40.18 4.15 -0.51	39.94 3.92 -2.22	40.64 4.04 -2.31	58.41 4.27 -18.57	87.70 8.09 -8.66	103.05 11.35 13.39	97.46 11.40 15.74	95.59 9.89 5.81	74.67 7.38 -7.24	69.78 6.55 -10.37	69.74 6.62 -10.13	68.05 6.92 -6.18	66.58 6.77 -6.91	72.91 7.30 -9.39	97.39 7.36 -34.29	129.95 9.09 -54.00	115.07 6.25 -62.46	104.29 5.10 -61.12	98.16 4.90 -56.95	94.19 4.58 -55.46	63.74 4.37 -25.47	52.36 4.69 -10.42
KEDC_PORT_JEFF_GT3 24211	46.25 4.93 -0.22	42.13 4.51 -0.01	40.18 4.15 -0.51	39.94 3.92 -2.22	40.64 4.04 -2.31	58.41 4.27 -18.57	87.70 8.09 -8.66	103.05 11.35 13.39	97.46 11.40 15.74	95.59 9.89 5.81	74.67 7.38 -7.24	69.78 6.55 -10.37	69.74 6.62 -10.13	68.05 6.92 -6.18	66.58 6.77 -6.91	72.91 7.30 -9.39	97.39 7.36 -34.29	129.95 9.09 -54.00	115.07 6.25 -62.46	104.29 5.10 -61.12	98.16 4.90 -56.95	94.19 4.58 -55.46	63.74 4.37 -25.47	52.36 4.69 -10.42
KEDC_GLWD_GT4 24219	44.82 3.49 -0.23	40.82 3.20 -0.02	38.98 2.95 -0.51	38.83 2.80 -2.23	39.49 2.88 -2.32	63.88 2.95 -25.36	84.58 4.97 -8.66	98.63 6.93 13.38	93.19 7.12 15.73	97.55 6.40 0.37	76.75 5.10 -11.60	71.38 4.55 -13.98	71.26 4.56 -13.72	68.44 4.78 -8.71	64.41 4.60 -6.91	70.50 4.89 -9.39	111.15 4.85 -50.55	145.38 6.02 -72.50	135.91 4.08 -85.47	122.98 3.31 -81.60	118.15 3.16 -78.68	114.22 3.01 -77.07	62.28 2.92 -25.47	54.52 3.35 -13.92
KEDC_GLWD_GT5 24220	44.82 3.49 -0.23	40.82 3.20 -0.02	38.98 2.95 -0.51	38.83 2.80 -2.23	39.49 2.88 -2.32	63.88 2.95 -25.36	84.58 4.97 -8.66	98.63 6.93 13.38	93.19 7.12 15.73	97.55 6.40 0.37	76.75 5.10 -11.60	71.38 4.55 -13.98	71.26 4.56 -13.72	68.44 4.78 -8.71	64.41 4.60 -6.91	70.50 4.89 -9.39	111.15 4.85 -50.55	145.38 6.02 -72.50	135.91 4.08 -85.47	122.98 3.31 -81.60	118.15 3.16 -78.68	114.22 3.01 -77.07	62.28 2.92 -25.47	54.52 3.35 -13.92
KENSICO____ 23655	44.06 2.75 -0.21	40.09 2.48 0.00	38.33 2.31 -0.50	38.21 2.20 -2.21	38.85 2.26 -2.30	45.74 2.31 -7.86	74.86 3.90 0.00	102.56 5.36 7.88	98.14 5.60 9.26	88.18 5.12 8.46	66.16 4.20 -1.90	62.64 3.75 -6.03	62.45 3.81 -5.65	62.46 3.96 -3.56	61.63 3.81 -4.92	62.44 4.05 -2.18	68.78 4.01 -9.02	96.60 5.08 -24.66	75.78 3.43 -26.00	69.35 2.63 -28.66	61.44 2.61 -22.51	58.07 2.49 -21.43	52.09 2.37 -15.82	44.97 2.68 -5.04
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	44.05 2.75 -0.20	40.13 2.52 0.00	38.34 2.34 -0.48	38.11 2.20 -2.11	38.75 2.26 -2.20	45.77 2.35 -7.85	75.14 4.19 0.00	102.26 5.25 8.07	97.71 5.40 9.49	87.51 4.67 8.67	65.56 3.84 -1.66	60.98 3.38 -4.73	58.34 3.44 -1.91	55.34 3.57 3.18	55.76 3.54 0.68	61.94 3.77 -1.96	68.54 3.79 -9.00	96.63 5.15 -24.62	75.70 3.38 -25.97	69.27 2.59 -28.62	61.34 2.54 -22.48	57.67 2.36 -21.17	51.27 2.20 -15.16	44.53 2.46 -4.83
KIAC_JFK_GT1 23816	44.27 2.96 -0.21	40.24 2.63 0.00	38.51 2.49 -0.50	38.34 2.33 -2.21	38.96 2.37 -2.30	45.86 2.42 -7.87	75.07 4.12 0.00	103.20 5.99 7.87	98.75 6.21 9.26	88.73 5.67 8.46	66.46 4.50 -1.91	62.90 4.02 -6.02	62.69 4.13 -5.57	62.69 4.34 -3.40	61.82 4.13 -4.80	62.84 4.44 -2.18	69.18 4.40 -9.03	97.23 5.68 -24.69	76.18 3.80 -26.03	69.69 2.93 -28.69	61.69 2.83 -22.54	58.40 2.80 -21.46	52.35 2.61 -15.84	45.27 2.98 -5.05
KIAC_JFK_GT2 23817	44.27 2.96 -0.21	40.24 2.63 0.00	38.51 2.49 -0.50	38.34 2.33 -2.21	38.96 2.37 -2.30	45.86 2.42 -7.87	75.07 4.12 0.00	103.20 5.99 7.87	98.75 6.21 9.26	88.73 5.67 8.46	66.46 4.50 -1.91	62.90 4.02 -6.02	62.69 4.13 -5.57	62.69 4.34 -3.40	61.82 4.13 -4.80	62.84 4.44 -2.18	69.18 4.40 -9.03	97.23 5.68 -24.69	76.18 3.80 -26.03	69.69 2.93 -28.69	61.69 2.83 -22.54	58.40 2.80 -21.46	52.35 2.61 -15.84	45.27 2.98 -5.05

KIAC_JFK____ 323774	44.27 2.96 -0.21	40.24 2.63 0.00	38.51 2.49 -0.50	38.34 2.33 -2.21	38.95 2.36 -2.30	45.86 2.42 -7.87	75.14 4.19 0.00	97.67 5.99 13.40	92.26 6.21 15.75	82.80 5.68 14.39	64.92 4.51 -0.37	61.56 4.02 -4.68	61.61 4.14 -4.49	61.45 4.29 -2.22	60.63 4.13 -3.60	61.61 4.39 -1.01	68.83 4.51 -8.57	97.23 5.68 -24.69	76.23 3.85 -26.03	69.80 3.05 -28.69	61.69 2.83 -22.54	58.22 2.76 -21.31	51.99 2.65 -15.44	45.14 2.98 -4.92
KINTIGH____ 23543	38.64 -2.51 -0.05	35.20 -2.41 0.00	33.47 -2.17 -0.12	32.07 -2.26 -0.53	32.85 -1.99 -0.56	35.28 -2.21 -1.91	63.93 -7.02 0.00	71.09 -8.51 25.48	63.60 -8.25 29.95	56.83 -7.32 27.37	48.46 -5.04 6.55	43.19 -4.44 5.23	43.48 -4.93 4.57	43.96 -5.11 5.88	42.36 -5.03 5.51	46.11 -5.23 4.88	51.63 -5.41 -1.29	66.71 -6.15 -6.00	48.69 -3.99 -6.33	41.73 -3.31 -6.97	38.78 -3.01 -5.48	37.05 -2.83 -5.74	36.37 -2.61 -5.08	36.67 -2.20 -1.62
KNTFSRNC_46_KV_46KV_LOAD 80397	43.24 2.14 0.00	39.64 2.03 0.00	37.51 1.99 0.00	35.32 1.52 0.00	35.80 1.51 0.00	37.17 1.60 0.00	74.86 3.90 0.00	107.60 4.31 1.79	103.26 3.56 2.10	94.08 4.48 1.92	61.80 2.28 0.53	54.37 2.01 0.50	54.40 1.80 0.39	56.43 1.87 0.39	54.02 1.53 0.41	57.49 1.69 0.41	57.64 1.90 0.00	69.13 2.27 0.00	48.16 1.81 0.00	39.59 1.52 0.00	37.51 1.20 0.00	35.38 1.13 -0.11	35.13 0.95 -0.28	38.82 1.49 -0.09
LACHUTE____HYDRO 323717	45.39 4.03 -0.26	41.52 3.91 0.00	39.77 3.62 -0.62	39.99 3.45 -2.75	40.82 3.67 -2.86	60.87 4.05 -21.24	78.62 7.67 0.00	105.40 11.46 11.14	99.30 10.59 13.09	87.14 7.59 11.96	68.41 6.30 -2.06	64.87 5.39 -6.62	62.18 4.93 -4.27	58.95 4.78 0.78	59.53 4.76 -1.87	63.98 5.28 -2.48	86.31 6.24 -24.32	140.40 6.89 -66.65	121.64 5.01 -70.29	119.37 3.84 -77.46	100.73 3.56 -60.86	86.49 3.18 -49.17	56.00 2.92 -19.19	46.45 3.09 -6.11
LAWRNCALV_115KV_TB1 80681	41.39 0.29 -0.01	37.87 0.26 0.00	35.89 0.36 -0.01	34.20 0.34 -0.06	34.49 0.14 -0.07	35.39 -0.18 0.00	71.60 0.64 0.00	102.10 0.95 3.93	97.79 0.61 4.62	88.02 0.73 4.22	58.70 -0.30 1.05	51.72 -0.26 0.88	52.00 -0.26 0.72	53.94 -0.16 0.85	51.86 -0.21 0.83	55.20 -0.22 0.79	55.41 -0.33 0.00	66.46 -0.40 0.00	46.07 -0.28 0.00	37.84 -0.23 0.00	36.13 -0.18 0.00	34.51 0.14 -0.23	34.72 0.20 -0.62	37.59 0.15 -0.20
LEDERLE____ 23769	43.64 2.34 -0.20	39.76 2.14 0.00	37.99 1.99 -0.48	37.80 1.89 -2.11	38.44 1.95 -2.20	45.08 1.99 -7.51	74.36 3.41 0.00	101.51 4.52 8.09	96.97 4.68 9.51	86.94 4.12 8.69	65.24 3.54 -1.64	59.69 3.12 -3.71	54.30 3.18 1.87	47.89 3.35 10.41	49.56 3.23 6.57	61.59 3.43 -1.94	67.74 3.40 -8.59	94.78 4.35 -23.58	74.14 2.92 -24.86	67.72 2.25 -27.40	60.09 2.25 -21.53	56.79 2.15 -20.49	51.02 2.00 -15.12	44.33 2.27 -4.82
LIGHTHSE_115KV_TB6 355974	40.02 -1.11 -0.03	36.60 -1.02 0.00	34.61 -0.99 -0.08	33.18 -0.98 -0.36	33.73 -0.93 -0.37	35.80 -1.00 -1.22	68.76 -2.20 0.00	77.57 -3.47 24.04	69.98 -3.56 28.26	62.49 -3.20 25.82	51.45 -2.10 6.50	45.46 -1.90 5.49	46.51 -1.85 4.62	47.68 -1.81 5.45	45.90 -1.69 5.31	49.56 -1.74 4.91	56.27 -1.45 -1.97	69.63 -1.07 -3.84	49.62 -0.79 -4.05	41.89 -0.65 -4.47	39.17 -0.65 -3.51	37.26 -0.65 -3.76	36.65 -0.85 -3.59	37.42 -0.97 -1.14
LINDEN COGEN____ 23786	43.98 2.67 -0.21	40.02 2.41 0.00	38.26 2.24 -0.50	38.11 2.10 -2.21	38.75 2.16 -2.30	45.61 2.17 -7.87	74.43 3.48 0.00	96.42 4.73 13.40	91.14 5.09 15.75	81.70 4.57 14.39	64.32 3.90 -0.37	61.03 3.49 -4.68	61.03 3.55 -4.49	60.90 3.74 -2.22	60.10 3.60 -3.60	60.99 3.77 -1.01	68.16 3.84 -8.57	96.36 4.82 -24.69	75.63 3.24 -26.03	69.31 2.55 -28.69	61.25 2.40 -22.54	57.84 2.39 -21.31	51.61 2.27 -15.44	44.85 2.68 -4.92
LINDHRST_69_KV_BK1 356055	45.88 4.56 -0.22	41.80 4.17 -0.01	39.90 3.87 -0.51	39.67 3.65 -2.22	40.37 3.77 -2.31	59.14 3.91 -19.65	86.85 7.24 -8.66	107.52 10.30 7.86	102.84 10.28 9.24	101.57 9.06 -0.99	76.37 6.85 -9.47	71.22 6.08 -12.28	70.91 6.15 -11.78	69.20 6.48 -7.77	67.30 6.29 -8.11	73.41 6.63 -10.57	99.65 6.58 -37.33	131.94 8.16 -56.93	118.12 5.65 -66.11	106.89 4.45 -64.37	101.06 4.36 -60.39	97.32 4.13 -59.05	63.70 3.93 -25.86	52.67 4.32 -11.11
LIPA_MISC_IPP 23656	46.33 5.01 -0.22	42.25 4.63 -0.01	40.29 4.26 -0.51	40.04 4.02 -2.22	40.75 4.15 -2.31	58.48 4.38 -18.54	87.84 8.23 -8.66	108.88 11.66 7.86	104.16 11.61 9.25	101.59 9.98 -0.10	76.31 7.51 -8.76	71.15 6.61 -11.69	70.85 6.68 -11.19	69.39 7.09 -7.36	67.88 6.88 -8.11	74.09 7.31 -10.57	97.65 7.25 -34.66	129.78 9.03 -53.89	114.95 6.26 -62.34	104.14 5.06 -61.01	98.11 4.97 -56.83	94.29 4.64 -55.50	64.14 4.37 -25.86	52.54 4.77 -10.53
LISF____SOLAR 323691	46.46 5.14 -0.22	42.32 4.70 -0.01	40.36 4.33 -0.51	40.11 4.09 -2.22	40.82 4.22 -2.31	58.60 4.48 -18.55	88.12 8.51 -8.66	103.56 11.87 13.39	97.86 11.80 15.74	95.94 10.25 5.83	74.90 7.63 -7.22	69.98 6.77 -10.35	69.89 6.78 -10.12	68.26 7.14 -6.17	66.79 6.98 -6.91	73.19 7.59 -9.39	97.56 7.58 -34.23	130.22 9.43 -53.93	115.22 6.49 -62.38	104.49 5.37 -61.05	98.33 5.15 -56.87	94.32 4.78 -55.39	63.91 4.54 -25.47	52.53 4.88 -10.41
LITTLE FALLS____HYD 24013	42.13 1.03 -0.01	38.59 0.98 0.00	36.49 0.96 -0.01	34.78 0.91 -0.06	35.28 0.93 -0.07	36.60 1.03 0.00	72.95 1.99 0.00	105.19 3.57 3.46	101.09 3.36 4.07	90.63 2.84 3.72	61.18 2.04 0.91	53.86 1.74 0.75	54.11 1.75 0.62	55.96 1.76 0.75	53.92 1.75 0.72	57.38 1.86 0.69	57.50 1.95 0.20	68.93 2.07 0.00	47.70 1.34 0.00	39.13 1.07 0.00	37.33 1.02 0.00	35.29 0.92 -0.22	35.37 0.88 -0.59	38.40 0.97 -0.19
LITTLRIV_115KV_TB1 356100	41.97 0.86 -0.01	38.36 0.75 0.00	36.35 0.82 -0.02	34.64 0.78 -0.07	34.94 0.58 -0.07	35.89 0.32 0.00	72.80 1.84 0.00	103.63 2.73 4.19	99.32 2.44 4.92	89.40 2.38 4.50	59.65 0.72 1.12	52.56 0.63 0.93	52.90 0.69 0.77	54.81 0.77 0.90	52.76 0.74 0.88	56.16 0.79 0.85	56.47 0.72 0.00	67.73 0.87 0.00	46.91 0.56 0.00	38.56 0.49 0.00	36.78 0.47 0.00	35.07 0.68 -0.24	35.24 0.68 -0.66	38.09 0.63 -0.21
LI_NEWBRDGE____DRP 323616	44.89 3.58 -0.22	40.93 3.31 -0.01	39.12 3.09 -0.51	38.93 2.91 -2.22	39.58 2.98 -2.31	56.49 3.02 -17.90	85.01 5.39 -8.66	104.89 7.67 7.87	100.29 7.74 9.25	97.96 6.86 0.42	73.80 5.40 -8.35	69.07 4.86 -11.35	68.71 4.87 -10.86	67.28 5.22 -7.12	65.98 4.97 -8.11	72.01 5.23 -10.57	93.88 5.02 -33.12	125.14 6.15 -52.13	110.71 4.22 -60.14	100.48 3.35 -59.06	94.34 3.27 -54.76	90.81 3.21 -53.46	62.85 3.09 -25.86	50.91 3.46 -10.20
LOCKPORT_115KV_TB60_63_64 80432	37.99 -3.16 -0.05	35.09 -2.52 0.00	32.66 -2.98 -0.13	31.32 -3.04 -0.56	32.13 -2.74 -0.59	35.18 -2.42 -2.03	62.94 -8.02 0.00	66.73 -11.24 27.11	59.14 -10.79 31.87	52.61 -9.79 29.12	46.26 -6.67 7.12	41.10 -5.92 5.84	41.49 -6.46 5.03	42.01 -6.70 6.24	40.35 -6.61 5.94	43.96 -6.91 5.34	49.99 -6.97 -1.21	65.80 -7.42 -6.36	48.19 -4.87 -6.71	41.43 -4.04 -7.39	38.64 -3.49 -5.81	36.38 -3.59 -5.82	35.80 -3.36 -5.25	36.16 -2.76 -1.67

LOCKPORT___CC1 323769	37.86 -3.29 -0.05	34.98 -2.63 0.00	32.56 -3.09 -0.13	31.22 -3.14 -0.56	32.03 -2.85 -0.59	34.94 -2.67 -2.04	62.66 -8.30 0.00	48.05 -11.56 45.47	37.25 -11.09 53.45	32.70 -9.97 48.84	40.84 -6.96 12.24	36.50 -6.08 10.28	37.74 -6.62 8.62	37.88 -6.87 10.20	36.16 -6.82 9.92	39.90 -7.08 9.23	48.23 -7.19 0.33	65.57 -7.69 -6.40	48.05 -5.05 -6.75	41.13 -4.38 -7.43	38.60 -3.56 -5.84	35.86 -3.62 -5.34	34.92 -2.92 -3.93	35.74 -2.76 -1.25
LOCKPORT___CC2 323770	37.86 -3.29 -0.05	34.98 -2.63 0.00	32.56 -3.09 -0.13	31.22 -3.14 -0.56	32.03 -2.85 -0.59	34.94 -2.67 -2.04	62.66 -8.30 0.00	48.05 -11.56 45.47	37.25 -11.09 53.45	32.70 -9.97 48.84	40.84 -6.96 12.24	36.50 -6.08 10.28	37.74 -6.62 8.62	37.88 -6.87 10.20	36.16 -6.82 9.92	39.90 -7.08 9.23	48.23 -7.19 0.33	65.57 -7.69 -6.40	48.05 -5.05 -6.75	41.13 -4.38 -7.43	38.60 -3.56 -5.84	35.86 -3.62 -5.34	34.92 -2.92 -3.93	35.74 -2.76 -1.25
LOCKPORT___CC3 323771	37.86 -3.29 -0.05	34.98 -2.63 0.00	32.56 -3.09 -0.13	31.22 -3.14 -0.56	32.03 -2.85 -0.59	34.94 -2.67 -2.04	62.66 -8.30 0.00	48.05 -11.56 45.47	37.25 -11.09 53.45	32.70 -9.97 48.84	40.84 -6.96 12.24	36.50 -6.08 10.28	37.74 -6.62 8.62	37.88 -6.87 10.20	36.16 -6.82 9.92	39.90 -7.08 9.23	48.23 -7.19 0.33	65.57 -7.69 -6.40	48.05 -5.05 -6.75	41.13 -4.38 -7.43	38.60 -3.56 -5.84	35.86 -3.62 -5.34	34.92 -2.92 -3.93	35.74 -2.76 -1.25
LONG_LAKE_PHOENIX 24014	40.11 -1.03 -0.04	36.67 -0.94 0.00	34.69 -0.92 -0.09	33.29 -0.91 -0.40	33.88 -0.82 -0.42	36.07 -0.89 -1.39	68.76 -2.20 0.00	73.86 -3.47 27.75	65.82 -3.36 32.62	58.69 -3.02 29.81	50.60 -1.92 7.53	44.79 -1.69 6.38	46.04 -1.59 5.35	47.01 -1.65 6.29	45.23 -1.53 6.13	48.90 -1.63 5.69	56.60 -1.62 -2.47	69.88 -1.34 -4.36	50.07 -0.88 -4.60	42.41 -0.72 -5.07	39.57 -0.73 -3.98	37.71 -0.68 -4.25	37.09 -0.85 -4.04	37.60 -0.93 -1.29
LOVETT___3 23632	43.48 2.18 -0.20	39.60 1.99 0.00	37.85 1.85 -0.48	37.68 1.76 -2.12	38.31 1.82 -2.21	44.93 1.81 -7.54	74.01 3.05 0.00	101.10 4.10 8.08	96.58 4.28 9.49	86.59 3.75 8.67	65.01 3.30 -1.66	59.48 2.91 -3.71	53.99 2.97 1.96	47.47 3.13 10.61	49.19 3.02 6.72	61.38 3.20 -1.96	67.54 3.18 -8.62	94.60 4.08 -23.66	74.04 2.73 -24.96	67.67 2.09 -27.50	59.99 2.07 -21.61	56.69 1.98 -20.56	50.96 1.90 -15.16	44.24 2.16 -4.83
LOVETT___4 23642	43.48 2.18 -0.20	39.60 1.99 0.00	37.85 1.85 -0.48	37.68 1.76 -2.12	38.31 1.82 -2.21	44.93 1.81 -7.54	74.01 3.05 0.00	101.10 4.10 8.08	96.58 4.28 9.49	86.59 3.75 8.67	65.01 3.30 -1.66	59.48 2.91 -3.71	53.99 2.97 1.96	47.47 3.13 10.61	49.19 3.02 6.72	61.38 3.20 -1.96	67.54 3.18 -8.62	94.60 4.08 -23.66	74.04 2.73 -24.96	67.67 2.09 -27.50	59.99 2.07 -21.61	56.69 1.98 -20.56	50.96 1.90 -15.16	44.24 2.16 -4.83
LOVETT___5 23593	43.48 2.18 -0.20	39.60 1.99 0.00	37.85 1.85 -0.48	37.68 1.76 -2.12	38.31 1.82 -2.21	44.93 1.81 -7.54	74.01 3.05 0.00	101.10 4.10 8.08	96.58 4.28 9.49	86.59 3.75 8.67	65.01 3.30 -1.66	59.48 2.91 -3.71	53.99 2.97 1.96	47.47 3.13 10.61	49.19 3.02 6.72	61.38 3.20 -1.96	67.54 3.18 -8.62	94.60 4.08 -23.66	74.04 2.73 -24.96	67.67 2.09 -27.50	59.99 2.07 -21.61	56.69 1.98 -20.56	50.96 1.90 -15.16	44.24 2.16 -4.83
LOWER_RAQUET___HYD 24057	41.40 0.29 -0.01	37.84 0.23 0.00	35.86 0.32 -0.02	34.17 0.30 -0.07	34.43 0.07 -0.07	35.25 -0.32 0.00	71.31 0.36 0.00	98.27 0.53 7.34	93.37 0.20 8.63	83.99 0.37 7.89	57.56 -0.48 2.00	50.79 -0.37 1.70	51.23 -0.37 1.39	53.04 -0.33 1.58	50.97 -0.37 1.56	54.31 -0.39 1.52	54.80 -0.61 0.34	66.26 -0.60 0.00	45.89 -0.46 0.00	37.76 -0.31 0.00	36.06 -0.25 0.00	34.43 0.10 -0.18	34.46 0.07 -0.49	37.51 0.11 -0.16
LOWER___HUDSON 24059	43.74 2.38 -0.26	39.83 2.22 0.00	38.15 2.02 -0.61	38.42 1.93 -2.69	39.08 1.99 -2.81	56.84 2.13 -19.13	74.58 3.62 0.00	98.71 4.84 11.20	93.32 4.69 13.17	83.32 3.84 12.03	65.53 3.54 -1.94	62.36 3.06 -6.44	60.21 3.02 -4.20	57.33 3.08 0.69	57.79 3.01 -1.88	61.79 3.20 -2.38	80.95 3.34 -21.85	130.70 3.81 -60.03	112.30 2.64 -63.30	110.04 2.21 -69.76	93.27 2.14 -54.81	80.99 1.98 -44.86	54.66 1.93 -18.83	45.40 2.16 -6.00
LOWVILLE_115KV_TB2 356335	41.36 0.25 -0.02	37.84 0.23 0.00	35.81 0.25 -0.04	34.14 0.17 -0.17	34.64 0.17 -0.18	35.79 0.21 0.00	71.31 0.35 0.00	95.18 0.74 10.64	89.40 0.10 12.51	79.63 -0.46 11.43	56.90 -0.30 2.85	50.18 -0.32 2.36	50.77 -0.26 1.95	52.87 0.22 2.29	50.93 0.26 2.23	54.52 0.45 2.14	57.31 0.89 -0.67	68.26 1.40 0.00	47.19 0.83 0.00	38.79 0.72 0.00	36.93 0.62 0.00	35.26 0.48 -0.63	35.84 0.24 -1.71	37.94 0.15 -0.54
LUTHERFT_115KV_GLOB_FND_222 355753	44.03 2.67 -0.26	40.13 2.52 0.00	38.48 2.34 -0.62	38.77 2.23 -2.74	39.47 2.33 -2.86	59.19 2.53 -21.09	75.43 4.47 0.00	104.73 6.20 6.55	100.00 5.90 7.70	89.05 4.58 7.04	67.41 4.02 -3.33	64.06 3.49 -7.71	61.49 3.34 -5.16	58.52 3.35 -0.22	58.99 3.23 -2.86	63.21 3.54 -3.45	83.95 3.68 -24.52	137.38 4.35 -66.17	119.19 3.06 -69.78	117.44 2.47 -76.90	99.09 2.36 -60.42	85.27 2.15 -48.98	55.45 2.07 -19.48	45.72 2.27 -6.21
LUTHERNY_35_KV_BK2 355980	44.07 2.71 -0.26	40.17 2.56 0.00	38.52 2.38 -0.62	38.81 2.26 -2.74	39.47 2.33 -2.86	59.19 2.53 -21.09	75.50 4.54 0.00	104.84 6.30 6.55	100.11 6.01 7.70	89.05 4.58 7.04	67.47 4.08 -3.33	64.06 3.49 -7.71	61.54 3.39 -5.16	58.52 3.35 -0.22	59.04 3.28 -2.86	63.26 3.60 -3.45	84.00 3.73 -24.52	137.44 4.41 -66.17	119.24 3.11 -69.78	117.48 2.51 -76.90	99.13 2.40 -60.42	85.31 2.19 -48.98	55.49 2.10 -19.48	45.72 2.27 -6.21
LWR___OSWEGATCHIE_HYD 23850	40.78 -0.33 -0.01	37.27 -0.34 0.00	35.34 -0.21 -0.03	33.69 -0.24 -0.13	34.04 -0.38 -0.13	35.00 -0.57 0.00	70.32 -0.64 0.00	96.10 -0.84 8.15	91.00 -1.22 9.57	81.48 -1.28 8.75	56.66 -1.20 2.19	49.93 -1.11 1.82	50.43 -1.06 1.50	52.31 -0.88 1.76	50.34 -0.85 1.71	53.78 -0.79 1.65	55.85 -0.61 -0.72	66.33 -0.53 0.00	45.93 -0.42 0.00	37.73 -0.34 0.00	35.99 -0.33 0.00	34.45 -0.17 -0.47	34.91 -0.27 -1.28	37.24 -0.41 -0.41
LYONS_FALL_HYD 23570	41.69 0.58 -0.02	38.14 0.53 0.00	36.05 0.50 -0.04	34.40 0.44 -0.16	34.90 0.44 -0.17	36.14 0.57 0.00	72.02 1.07 0.00	90.94 1.89 16.04	84.38 1.42 18.85	75.11 0.82 17.22	56.29 0.60 4.36	49.66 0.47 3.67	50.51 0.53 3.01	52.32 0.83 3.45	50.34 0.84 3.40	53.93 1.01 3.29	57.15 1.39 -0.01	68.73 1.87 0.00	47.51 1.16 0.00	39.06 0.99 0.00	37.18 0.87 0.00	35.29 0.72 -0.42	35.55 0.51 -1.13	38.05 0.45 -0.36
MADISON___COUNTY_LFGE 323628	42.19 1.07 -0.02	38.66 1.05 0.00	36.50 0.92 -0.06	34.91 0.84 -0.26	35.48 0.93 -0.27	37.55 1.14 -0.84	73.16 2.20 0.00	94.27 3.47 14.28	88.17 3.16 16.79	78.64 2.47 15.34	58.02 1.74 3.77	51.29 1.53 3.10	51.87 1.54 2.65	53.28 1.59 3.26	51.42 1.64 3.12	55.24 1.86 2.83	58.67 2.12 -0.81	72.24 2.74 -2.64	50.94 1.81 -2.78	42.58 1.45 -3.06	40.06 1.34 -2.41	37.84 1.09 -2.60	37.30 0.88 -2.51	38.98 0.93 -0.80

MALONE___115KV_TB1 356076	42.71 1.60 0.00	39.15 1.54 0.00	37.06 1.53 -0.01	35.09 1.25 -0.04	35.53 1.20 -0.04	36.75 1.17 0.00	74.15 3.19 0.00	106.48 3.99 2.59	102.11 3.36 3.05	92.48 3.75 2.79	61.16 1.80 0.70	53.71 1.43 0.58	53.78 1.27 0.48	55.71 1.32 0.56	53.41 1.06 0.55	56.93 1.24 0.52	57.14 1.39 0.00	68.46 1.60 0.00	47.65 1.30 0.00	39.17 1.10 0.00	37.18 0.87 0.00	35.22 0.92 -0.15	35.12 0.81 -0.41	38.42 1.04 -0.13
MAPLEWOD_115KV_TB3 80458	43.45 2.10 -0.26	39.57 1.96 0.00	37.94 1.81 -0.61	38.21 1.72 -2.69	38.84 1.75 -2.80	54.01 1.85 -16.59	74.01 3.05 0.00	102.22 3.78 6.64	97.66 3.66 7.81	87.49 3.11 7.13	66.38 3.12 -3.20	63.12 2.75 -7.52	60.74 2.70 -5.05	57.98 2.80 -0.23	58.41 2.70 -2.81	62.42 2.87 -3.34	77.79 2.79 -19.26	122.11 3.21 -52.04	103.46 2.22 -54.88	100.46 1.90 -60.48	85.68 1.85 -47.52	75.79 1.71 -39.93	54.75 1.73 -19.12	45.24 1.90 -6.09
MAPLE_RIDGE_WT_1 323574	41.06 -0.04 0.00	37.54 -0.08 0.00	35.49 -0.04 0.00	33.77 -0.03 0.00	34.22 -0.07 0.00	35.47 -0.11 0.00	71.17 0.21 0.00	103.02 0.42 2.49	99.18 0.31 2.92	89.21 0.37 2.67	59.25 -0.06 0.74	52.12 -0.05 0.69	52.34 -0.11 0.54	54.36 -0.05 0.54	52.22 -0.11 0.57	55.53 -0.11 0.57	55.58 -0.17 0.00	66.53 -0.33 0.00	46.12 -0.23 0.00	37.88 -0.19 0.00	36.10 -0.22 0.00	33.98 -0.17 0.00	33.73 -0.17 0.00	37.10 -0.15 0.00
MAPLE_RIDGE_WT_2 323611	41.06 -0.04 0.00	37.54 -0.08 0.00	35.49 -0.04 0.00	33.77 -0.03 0.00	34.22 -0.07 0.00	35.47 -0.11 0.00	71.17 0.21 0.00	103.02 0.42 2.49	99.18 0.31 2.92	89.21 0.37 2.67	59.25 -0.06 0.74	52.12 -0.05 0.69	52.34 -0.11 0.54	54.36 -0.05 0.54	52.22 -0.11 0.57	55.53 -0.11 0.57	55.58 -0.17 0.00	66.53 -0.33 0.00	46.12 -0.23 0.00	37.88 -0.19 0.00	36.10 -0.22 0.00	33.98 -0.17 0.00	33.73 -0.17 0.00	37.10 -0.15 0.00
MARBLE_RIVER_WT_PWR 323696	42.29 1.19 0.00	38.78 1.17 0.00	36.73 1.21 0.00	34.65 0.85 0.00	35.08 0.79 0.00	36.39 0.82 0.00	73.37 2.41 0.00	104.65 2.42 2.85	100.38 1.93 3.35	91.11 2.66 3.06	60.40 1.20 0.85	53.07 1.00 0.79	53.27 0.90 0.62	55.27 0.93 0.61	52.89 0.64 0.65	56.40 0.84 0.66	56.53 0.78 0.00	68.00 1.14 0.00	47.28 0.93 0.00	38.91 0.84 0.00	36.93 0.62 0.00	34.76 0.62 0.00	34.34 0.44 0.00	38.14 0.89 0.00
MARSHVLE_115KV_TB1 80742	43.67 2.26 -0.31	39.83 2.22 0.00	38.29 2.02 -0.74	38.97 1.89 -3.28	39.76 2.06 -3.42	56.75 2.38 -18.79	75.78 4.83 0.00	103.33 6.73 8.48	98.05 6.21 9.96	86.89 4.48 9.10	67.69 3.84 -3.80	65.02 3.22 -8.93	61.64 3.07 -5.58	57.27 3.08 0.75	58.48 3.02 -2.57	63.68 3.49 -3.98	81.61 4.07 -21.80	131.04 5.22 -58.97	112.20 3.66 -62.19	109.50 2.89 -68.53	92.81 2.65 -53.85	82.68 2.66 -45.87	59.65 2.41 -23.34	47.18 2.50 -7.44
MARSH_HILL_WT_PWR 323713	40.88 -0.29 -0.07	37.95 0.34 0.00	35.04 -0.64 -0.16	33.73 -0.78 -0.70	34.54 -0.48 -0.73	38.35 0.18 -2.60	68.83 -2.13 0.00	59.73 -3.26 42.10	48.86 -3.46 49.48	42.73 -3.57 45.21	46.54 -2.52 10.99	41.66 -2.27 8.93	43.01 -2.33 7.65	43.01 -2.42 9.52	41.68 -2.17 9.05	45.97 -2.02 8.23	54.91 -1.50 -0.67	74.56 -0.46 -8.16	54.91 -0.05 -8.61	47.37 -0.19 -9.49	43.87 0.11 -7.45	40.32 -0.65 -6.82	37.99 -0.61 -4.70	38.30 -0.45 -1.50
MCINTYRE_115KV_TB2 80467	42.26 1.15 -0.01	38.66 1.05 0.00	36.64 1.10 -0.01	34.91 1.05 -0.06	35.21 0.86 -0.06	36.28 0.71 0.00	73.65 2.70 0.00	105.38 4.10 3.80	101.10 3.77 4.47	91.00 3.57 4.08	60.41 1.38 1.02	53.17 1.16 0.85	53.50 1.22 0.70	55.39 1.26 0.82	53.32 1.22 0.80	56.74 1.29 0.77	57.08 1.34 0.00	68.53 1.67 0.00	47.42 1.07 0.00	38.98 0.91 0.00	37.15 0.84 0.00	35.32 0.96 -0.22	35.41 0.92 -0.60	38.29 0.86 -0.19
MECO___69_KV_BK1 80468	45.67 4.27 -0.30	41.75 4.14 0.00	40.02 3.80 -0.70	40.50 3.58 -3.11	41.37 3.84 -3.24	59.79 4.27 -19.95	79.62 8.66 0.00	109.54 12.29 7.83	103.59 10.99 9.21	91.34 8.24 8.41	70.32 6.61 -3.67	67.03 5.60 -8.57	63.69 5.25 -5.46	59.77 5.27 0.46	60.79 5.24 -2.66	66.23 6.18 -3.83	86.21 7.30 -23.16	138.42 8.96 -62.60	118.72 6.35 -66.02	115.81 4.99 -72.75	98.16 4.68 -57.16	86.23 4.37 -47.72	60.05 4.00 -22.15	48.43 4.13 -7.06
MENANDS___115KV_TB5 355628	43.29 1.93 -0.26	39.45 1.84 0.00	37.83 1.70 -0.61	38.07 1.59 -2.68	38.69 1.61 -2.80	53.50 1.71 -16.22	73.65 2.70 0.00	101.69 3.26 6.65	97.14 3.16 7.82	87.03 2.65 7.14	66.18 2.94 -3.19	62.95 2.59 -7.50	60.57 2.54 -5.04	57.82 2.64 -0.23	58.25 2.54 -2.81	62.18 2.64 -3.32	77.08 2.51 -18.83	120.62 2.87 -50.88	102.01 1.99 -53.66	98.96 1.75 -59.14	84.48 1.71 -46.46	74.91 1.57 -39.19	54.58 1.59 -19.09	45.11 1.79 -6.08
MG INDUSTRY___DRP 24185	43.41 2.05 -0.25	39.57 1.96 0.00	37.89 1.78 -0.59	38.12 1.69 -2.63	38.74 1.71 -2.74	50.17 1.78 -12.82	73.94 2.98 0.00	101.90 3.57 6.76	97.32 3.46 7.94	87.10 2.84 7.25	66.05 2.94 -3.06	62.72 2.59 -7.27	60.35 2.54 -4.82	57.58 2.58 -0.05	58.03 2.54 -2.59	62.06 2.64 -3.20	73.17 2.56 -14.86	109.96 2.87 -40.23	90.81 2.04 -42.42	86.57 1.75 -46.75	74.75 1.71 -36.73	68.05 1.57 -32.33	54.25 1.63 -18.72	45.07 1.86 -5.96
MID___OSWEGATCHIE_HYD 23849	40.78 -0.33 -0.01	37.27 -0.34 0.00	35.34 -0.21 -0.03	33.69 -0.24 -0.13	34.04 -0.38 -0.13	35.00 -0.57 0.00	70.32 -0.64 0.00	96.10 -0.84 8.15	91.00 -1.22 9.57	81.48 -1.28 8.75	56.66 -1.20 2.19	49.93 -1.11 1.82	50.43 -1.06 1.50	52.31 -0.88 1.76	50.34 -0.85 1.71	53.78 -0.79 1.65	55.85 -0.61 -0.72	66.33 -0.53 0.00	45.93 -0.42 0.00	37.73 -0.34 0.00	35.99 -0.33 0.00	34.45 -0.17 -0.47	34.91 -0.27 -1.28	37.24 -0.41 -0.41
MID___RAQUETTE_HYD 23851	41.39 0.29 -0.01	37.84 0.23 0.00	35.86 0.32 -0.02	34.17 0.30 -0.07	34.43 0.07 -0.07	35.25 -0.32 0.00	71.31 0.35 0.00	101.18 0.53 4.43	96.80 0.20 5.20	87.13 0.37 4.75	58.38 -0.48 1.19	51.45 -0.42 0.99	51.80 -0.37 0.81	53.66 -0.33 0.95	51.60 -0.37 0.93	54.93 -0.39 0.90	55.30 -0.45 0.00	66.26 -0.60 0.00	45.93 -0.42 0.00	37.73 -0.34 0.00	36.06 -0.25 0.00	34.51 0.10 -0.26	34.77 0.17 -0.70	37.58 0.11 -0.22
MILLIKEN___1 23584	41.82 0.66 -0.06	38.33 0.71 0.00	36.14 0.46 -0.15	34.88 0.41 -0.68	35.54 0.55 -0.70	38.94 0.82 -2.55	71.95 0.99 0.00	82.67 1.47 23.88	75.05 1.32 28.07	66.69 0.82 25.65	54.81 0.60 5.84	49.04 0.58 4.40	49.77 0.79 4.01	50.01 0.66 5.59	48.47 0.63 5.07	52.76 0.84 4.30	59.66 1.11 -2.79	76.99 2.14 -7.99	56.35 1.58 -8.43	48.61 1.26 -9.29	44.73 1.13 -7.30	42.22 0.85 -7.22	40.31 0.51 -5.90	39.76 0.63 -1.88
MILLIKEN___2 23585	41.82 0.66 -0.06	38.33 0.71 0.00	36.14 0.46 -0.15	34.88 0.41 -0.68	35.54 0.55 -0.70	38.94 0.82 -2.55	71.95 0.99 0.00	82.67 1.47 23.88	75.05 1.32 28.07	66.69 0.82 25.65	54.81 0.60 5.84	49.04 0.58 4.40	49.77 0.79 4.01	50.01 0.66 5.59	48.47 0.63 5.07	52.76 0.84 4.30	59.66 1.11 -2.79	76.99 2.14 -7.99	56.35 1.58 -8.43	48.61 1.26 -9.29	44.73 1.13 -7.30	42.22 0.85 -7.22	40.31 0.51 -5.90	39.76 0.63 -1.88

MILLIKEN___DIESEL 23629	41.82 0.66 -0.06	38.33 0.71 0.00	36.14 0.46 -0.15	34.88 0.41 -0.68	35.54 0.55 -0.70	38.94 0.82 -2.55	71.95 0.99 0.00	82.67 1.47 23.88	75.05 1.32 28.07	66.69 0.82 25.65	54.81 0.60 5.84	49.04 0.58 4.40	49.77 0.79 4.01	50.01 0.66 5.59	48.47 0.63 5.07	52.76 0.84 4.30	59.66 1.11 -2.79	76.99 2.14 -7.99	56.35 1.58 -8.43	48.61 1.26 -9.29	44.73 1.13 -7.30	42.22 0.85 -7.22	40.31 0.51 -5.90	39.76 0.63 -1.88
MILLSEAT___LFGE 323607	38.81 -2.34 -0.05	35.77 -1.84 0.00	33.41 -2.24 -0.12	32.02 -2.33 -0.55	32.81 -2.06 -0.58	35.68 -1.89 -1.99	64.78 -6.17 0.00	51.36 -8.30 45.42	40.47 -7.94 53.39	35.50 -7.23 48.78	42.66 -5.16 12.23	38.05 -4.55 10.26	39.30 -5.09 8.60	39.49 -5.28 10.18	37.76 -5.24 9.90	41.60 -5.40 9.22	49.98 -5.41 0.36	67.56 -5.55 -6.25	49.32 -3.62 -6.59	42.09 -3.24 -7.26	39.40 -2.61 -5.70	36.63 -2.76 -5.25	35.55 -2.20 -3.85	36.39 -2.08 -1.23
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	43.98 2.67 -0.21	40.06 2.44 0.00	38.26 2.24 -0.50	38.14 2.13 -2.21	38.78 2.19 -2.30	45.66 2.24 -7.85	74.72 3.76 0.00	102.35 5.15 7.88	97.93 5.40 9.27	87.90 4.85 8.47	66.03 4.08 -1.90	62.55 3.65 -6.04	62.36 3.66 -5.72	62.50 3.85 -3.70	61.63 3.70 -5.03	62.26 3.88 -2.17	68.65 3.90 -9.01	96.44 4.95 -24.63	75.62 3.29 -25.97	69.24 2.55 -28.62	61.34 2.54 -22.49	57.98 2.42 -21.41	52.01 2.31 -15.80	44.89 2.61 -5.03
MILLWOOD_13_KV_LOAD 356217	44.10 2.79 -0.21	40.13 2.52 0.00	38.36 2.34 -0.50	38.24 2.23 -2.21	38.85 2.26 -2.30	45.73 2.31 -7.85	74.93 3.97 0.00	102.66 5.46 7.88	98.34 5.80 9.27	88.26 5.22 8.47	66.27 4.32 -1.90	62.71 3.81 -6.04	62.52 3.81 -5.72	62.66 4.01 -3.70	61.79 3.86 -5.03	62.49 4.10 -2.17	68.82 4.07 -9.01	96.64 5.15 -24.63	75.80 3.48 -25.97	69.40 2.70 -28.62	61.45 2.65 -22.49	58.08 2.53 -21.41	52.08 2.37 -15.80	44.96 2.68 -5.03
MODEL_CITY_ENERGY 24167	37.66 -3.49 -0.05	34.79 -2.82 0.00	32.42 -3.23 -0.13	31.09 -3.28 -0.57	31.89 -2.98 -0.59	34.78 -2.85 -2.05	62.23 -8.73 0.00	47.38 -12.19 45.52	36.59 -11.70 53.50	32.19 -10.43 48.89	40.52 -7.27 12.26	36.22 -6.34 10.30	37.42 -6.94 8.63	37.60 -7.14 10.21	35.88 -7.09 9.93	39.61 -7.36 9.25	47.90 -7.53 0.32	65.13 -8.16 -6.43	47.76 -5.38 -6.78	40.90 -4.65 -7.48	38.23 -3.96 -5.87	35.47 -4.03 -5.36	34.57 -3.29 -3.95	35.38 -3.13 -1.26
MODERN_LFGE___ 323580	37.66 -3.49 -0.05	34.79 -2.82 0.00	32.42 -3.23 -0.13	31.09 -3.28 -0.57	31.89 -2.98 -0.59	34.78 -2.85 -2.05	62.23 -8.73 0.00	47.38 -12.19 45.52	36.59 -11.70 53.50	32.19 -10.43 48.89	40.52 -7.27 12.26	36.22 -6.34 10.30	37.42 -6.94 8.63	37.60 -7.14 10.21	35.88 -7.09 9.93	39.61 -7.36 9.25	47.90 -7.53 0.32	65.13 -8.16 -6.43	47.76 -5.38 -6.78	40.90 -4.65 -7.48	38.23 -3.96 -5.87	35.47 -4.03 -5.36	34.57 -3.29 -3.95	35.38 -3.13 -1.26
MOHAWK_PAPER___DRP 24187	43.45 2.10 -0.26	39.57 1.96 0.00	37.94 1.81 -0.61	38.21 1.72 -2.69	38.84 1.75 -2.80	54.01 1.85 -16.59	74.01 3.05 0.00	102.22 3.78 6.64	97.66 3.66 7.81	87.49 3.11 7.13	66.38 3.12 -3.20	63.12 2.75 -7.52	60.74 2.70 -5.05	57.98 2.80 -0.23	58.41 2.70 -2.81	62.42 2.87 -3.34	77.79 2.79 -19.26	122.11 3.21 -52.04	103.46 2.22 -54.88	100.46 1.90 -60.48	85.68 1.85 -47.52	75.79 1.71 -39.93	54.75 1.73 -19.12	45.24 1.90 -6.09
MOHICAN___35_KV_115KV_LD 80490	44.03 2.67 -0.26	40.17 2.56 0.00	38.52 2.38 -0.62	38.81 2.26 -2.74	39.55 2.40 -2.86	59.38 2.63 -21.18	75.57 4.61 0.00	105.26 6.73 6.55	100.21 6.11 7.70	88.69 4.21 7.03	67.35 3.96 -3.34	63.91 3.33 -7.72	61.22 3.07 -5.17	58.18 3.02 -0.21	58.72 2.96 -2.86	62.99 3.32 -3.46	83.99 3.62 -24.62	137.52 4.21 -66.45	119.44 3.01 -70.08	117.66 2.36 -77.23	99.20 2.22 -60.67	85.29 1.98 -49.16	55.20 1.80 -19.50	45.39 1.94 -6.21
MONGAUP___HYD 23641	43.67 2.38 -0.19	39.91 2.29 0.00	38.11 2.13 -0.46	37.81 1.99 -2.02	38.45 2.06 -2.10	44.79 2.03 -7.20	73.16 2.20 0.00	93.21 2.21 14.08	87.49 2.24 16.55	78.22 1.83 15.12	62.37 2.52 0.20	57.57 2.48 -2.22	53.52 2.75 2.22	48.03 2.86 9.77	49.36 2.85 6.39	59.19 2.47 -0.51	65.61 2.12 -7.74	92.51 3.08 -22.58	72.15 1.99 -23.81	66.21 1.90 -26.24	58.71 1.78 -20.61	55.43 1.81 -19.48	49.86 1.86 -14.09	43.82 2.08 -4.49
MONTAUK___DIESEL 23721	47.90 6.58 -0.22	43.68 6.06 -0.01	41.64 5.61 -0.51	41.29 5.27 -2.22	42.05 5.45 -2.31	59.95 5.83 -18.54	90.83 11.21 -8.66	113.19 15.97 7.86	108.13 15.58 9.25	104.98 13.36 -0.10	78.54 9.73 -8.76	73.11 8.56 -11.69	72.76 8.58 -11.20	71.43 9.12 -7.36	69.89 8.89 -8.11	76.23 9.44 -10.57	99.95 9.53 -34.67	132.87 12.10 -53.90	117.09 8.39 -62.35	105.94 6.85 -61.02	99.80 6.65 -56.84	95.77 6.11 -55.51	65.46 5.70 -25.86	53.96 6.18 -10.53
MOONROAD_115KV_HARTFLD_TB1-2 355988	40.01 -1.15 -0.06	37.39 -0.23 0.00	33.88 -1.78 -0.14	32.52 -1.89 -0.61	33.17 -1.75 -0.63	36.97 -0.82 -2.22	66.84 -4.12 0.00	70.88 -7.67 26.53	62.77 -7.84 31.19	55.42 -7.60 28.50	48.27 -4.92 6.86	43.00 -4.33 5.52	43.29 -4.87 4.82	43.76 -5.06 6.14	42.31 -4.81 5.77	46.32 -4.78 5.12	52.96 -4.29 -1.51	70.87 -2.94 -6.95	51.92 -1.76 -7.33	44.55 -1.60 -8.08	41.28 -1.38 -6.35	38.12 -2.32 -6.30	37.28 -2.17 -5.54	37.37 -1.64 -1.77
MORTIMER_115KV_TB3 55949	39.71 -1.44 -0.05	36.14 -1.47 0.00	34.36 -1.28 -0.11	32.96 -1.35 -0.51	33.65 -1.17 -0.53	36.07 -1.32 -1.82	66.70 -4.26 0.00	73.85 -4.83 26.40	66.19 -4.58 31.03	59.05 -4.12 28.35	50.32 -2.82 6.91	44.68 -2.54 5.64	45.26 -2.86 4.86	45.92 -2.97 6.06	44.17 -2.96 5.76	48.00 -3.04 5.18	53.74 -3.12 -1.11	69.35 -3.21 -5.70	50.27 -2.09 -6.01	42.90 -1.79 -6.62	39.88 -1.63 -5.20	38.00 -1.57 -5.42	37.30 -1.53 -4.92	37.55 -1.27 -1.57
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	44.23 2.92 -0.21	40.24 2.63 0.00	38.47 2.45 -0.50	38.31 2.30 -2.21	38.96 2.37 -2.30	45.82 2.38 -7.87	74.93 3.97 0.00	102.67 5.46 7.87	98.35 5.80 9.25	88.27 5.22 8.46	66.28 4.32 -1.91	62.74 3.86 -6.02	62.47 3.92 -5.57	62.46 4.12 -3.39	61.65 3.97 -4.79	62.56 4.16 -2.18	68.90 4.13 -9.03	96.83 5.28 -24.69	75.91 3.52 -26.03	69.46 2.70 -28.69	61.51 2.65 -22.54	58.20 2.60 -21.46	52.22 2.47 -15.84	45.16 2.87 -5.05
MUNSVILLE_WIND_PWR 323609	45.34 4.15 -0.09	41.79 4.17 0.00	39.38 3.66 -0.20	38.09 3.38 -0.91	38.80 3.57 -0.95	43.75 4.16 -4.01	79.47 8.51 0.00	83.19 12.50 34.39	73.28 11.90 40.43	64.64 10.07 36.94	58.39 6.61 8.26	52.73 5.92 6.05	53.57 6.14 5.56	53.09 6.10 7.95	51.80 6.03 7.12	56.69 6.52 6.05	66.41 7.42 -3.24	89.55 10.10 -12.59	66.31 6.68 -13.28	58.15 5.44 -14.63	52.79 4.98 -11.50	48.50 4.06 -10.29	43.84 3.59 -6.35	42.95 3.69 -2.02
N SALMON___HYD 24042	42.70 1.60 0.00	39.15 1.54 0.00	37.06 1.53 -0.01	35.09 1.25 -0.04	35.53 1.20 -0.04	36.74 1.17 0.00	74.15 3.20 0.00	104.77 3.99 4.31	100.09 3.35 5.06	90.56 3.66 4.62	60.68 1.80 1.17	53.29 1.43 0.99	53.44 1.27 0.81	55.34 1.32 0.93	53.04 1.06 0.92	56.56 1.24 0.89	56.71 1.17 0.20	68.46 1.60 0.00	47.65 1.30 0.00	39.17 1.10 0.00	37.18 0.87 0.00	35.18 0.92 -0.11	34.91 0.71 -0.29	38.38 1.04 -0.09

N.AKRON__115KV_KNAPP 355671	38.77 -2.38 -0.05	35.77 -1.84 0.00	33.41 -2.24 -0.13	31.99 -2.37 -0.55	32.81 -2.06 -0.58	35.83 -1.74 -2.00	64.71 -6.24 0.00	69.66 -8.41 27.01	62.00 -8.04 31.75	55.09 -7.41 29.01	47.79 -5.16 7.09	42.45 -4.60 5.81	42.84 -5.14 5.00	43.40 -5.33 6.21	41.69 -5.29 5.92	45.45 -5.45 5.31	51.54 -5.41 -1.20	67.58 -5.55 -6.27	49.35 -3.62 -6.62	42.31 -3.05 -7.29	39.43 -2.61 -5.73	37.14 -2.77 -5.76	36.50 -2.61 -5.21	36.82 -2.09 -1.66
N.BELMOR_69_KV_BK1 55787	45.15 3.82 -0.22	41.16 3.54 -0.01	39.30 3.27 -0.51	39.13 3.11 -2.22	39.79 3.19 -2.32	60.97 3.24 -22.16	85.29 5.68 -8.66	105.10 7.88 7.86	100.60 8.04 9.24	101.66 7.14 -3.00	76.60 5.46 -11.09	71.34 4.86 -13.61	71.02 4.93 -13.11	68.88 5.22 -8.71	66.03 5.03 -8.11	72.07 5.28 -10.57	104.27 5.18 -43.34	137.05 6.42 -63.77	125.37 4.40 -74.62	113.48 3.46 -71.94	108.15 3.41 -68.43	104.53 3.35 -67.03	63.05 3.29 -25.86	53.29 3.65 -12.40
N.E_GEN_SANDY PD 24062	83.89 2.92 -39.87	77.93 2.67 -37.65	74.73 2.45 -36.76	77.90 2.33 -41.77	85.49 2.40 -48.80	98.20 2.49 -60.14	122.28 4.33 -46.99	153.00 5.67 -42.25	118.66 5.90 -10.96	93.20 5.31 3.62	91.38 4.38 -26.95	90.00 3.86 -33.28	90.00 3.87 -33.15	90.85 4.01 -31.89	93.00 3.86 -36.24	102.00 4.10 -41.68	131.71 4.13 -71.84	152.69 5.02 -80.81	143.81 3.43 -94.03	124.40 2.82 -83.51	115.29 2.69 -76.29	103.19 2.53 -66.52	92.19 2.47 -55.82	85.80 2.76 -45.80
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	43.52 2.22 -0.20	39.64 2.03 0.00	37.88 1.88 -0.48	37.71 1.79 -2.11	38.34 1.85 -2.20	44.99 1.89 -7.53	74.08 3.12 0.00	101.10 4.10 8.08	96.58 4.28 9.50	86.59 3.75 8.68	65.07 3.36 -1.65	59.53 2.96 -3.71	54.08 3.02 1.92	47.54 3.13 10.54	49.25 3.02 6.66	61.37 3.20 -1.95	67.53 3.18 -8.61	94.56 4.08 -23.62	74.00 2.73 -24.91	67.61 2.09 -27.45	59.99 2.11 -21.57	56.69 2.01 -20.53	50.95 1.90 -15.15	44.23 2.16 -4.83
N.QUEENS_27_KV_LOAD 356247	44.48 3.16 -0.22	40.48 2.86 -0.01	38.73 2.70 -0.51	38.55 2.53 -2.22	39.17 2.57 -2.31	45.93 2.49 -7.87	74.36 3.41 0.00	101.62 4.41 7.87	97.63 5.09 9.26	87.73 4.67 8.46	66.04 4.08 -1.91	62.53 3.65 -6.02	62.32 3.76 -5.57	62.30 3.96 -3.40	61.50 3.81 -4.79	62.28 3.88 -2.18	68.68 3.90 -9.03	96.56 5.01 -24.69	75.68 3.29 -26.03	69.27 2.51 -28.69	61.36 2.51 -22.54	58.10 2.49 -21.46	52.49 2.75 -15.84	45.43 3.13 -5.05
N.TROY___115KV_TB1 355778	43.74 2.38 -0.26	39.83 2.22 0.00	38.15 2.02 -0.61	38.42 1.93 -2.69	39.08 1.99 -2.81	56.84 2.13 -19.13	74.58 3.62 0.00	103.33 4.83 6.59	98.74 4.68 7.74	88.28 3.84 7.07	66.82 3.54 -3.23	63.48 3.07 -7.56	61.11 3.02 -5.11	58.33 3.08 -0.30	58.79 3.02 -2.88	62.78 3.20 -3.36	81.21 3.23 -22.23	130.63 3.74 -60.03	112.30 2.64 -63.30	110.04 2.21 -69.76	93.27 2.14 -54.81	81.11 1.98 -44.98	54.99 1.93 -19.16	45.51 2.16 -6.10
NARROWS_GT1_1 24228	44.61 3.29 -0.22	40.59 2.97 -0.01	38.80 2.77 -0.51	38.62 2.60 -2.22	39.27 2.68 -2.31	45.97 2.53 -7.87	74.58 3.62 0.00	96.52 4.84 13.40	91.24 5.19 15.75	81.97 4.85 14.39	64.62 4.20 -0.37	61.35 3.81 -4.68	61.39 3.92 -4.49	61.22 4.07 -2.21	60.41 3.91 -3.60	61.33 4.10 -1.01	68.38 4.07 -8.57	96.76 5.22 -24.69	75.86 3.48 -26.03	69.50 2.74 -28.69	61.47 2.62 -22.54	58.09 2.63 -21.31	51.99 2.65 -15.44	45.34 3.16 -4.93
NARROWS_GT1_2 24229	44.61 3.29 -0.22	40.59 2.97 -0.01	38.80 2.77 -0.51	38.62 2.60 -2.22	39.27 2.68 -2.31	45.97 2.53 -7.87	74.58 3.62 0.00	96.52 4.84 13.40	91.24 5.19 15.75	81.97 4.85 14.39	64.62 4.20 -0.37	61.35 3.81 -4.68	61.39 3.92 -4.49	61.22 4.07 -2.21	60.41 3.91 -3.60	61.33 4.10 -1.01	68.38 4.07 -8.57	96.76 5.22 -24.69	75.86 3.48 -26.03	69.50 2.74 -28.69	61.47 2.62 -22.54	58.09 2.63 -21.31	51.99 2.65 -15.44	45.34 3.16 -4.93
NARROWS_GT1_3 24230	44.61 3.29 -0.22	40.59 2.97 -0.01	38.80 2.77 -0.51	38.62 2.60 -2.22	39.27 2.68 -2.31	45.97 2.53 -7.87	74.58 3.62 0.00	96.52 4.84 13.40	91.24 5.19 15.75	81.97 4.85 14.39	64.62 4.20 -0.37	61.35 3.81 -4.68	61.39 3.92 -4.49	61.22 4.07 -2.21	60.41 3.91 -3.60	61.33 4.10 -1.01	68.38 4.07 -8.57	96.76 5.22 -24.69	75.86 3.48 -26.03	69.50 2.74 -28.69	61.47 2.62 -22.54	58.09 2.63 -21.31	51.99 2.65 -15.44	45.34 3.16 -4.93
NARROWS_GT1_4 24231	44.61 3.29 -0.22	40.59 2.97 -0.01	38.80 2.77 -0.51	38.62 2.60 -2.22	39.27 2.68 -2.31	45.97 2.53 -7.87	74.58 3.62 0.00	96.52 4.84 13.40	91.24 5.19 15.75	81.97 4.85 14.39	64.62 4.20 -0.37	61.35 3.81 -4.68	61.39 3.92 -4.49	61.22 4.07 -2.21	60.41 3.91 -3.60	61.33 4.10 -1.01	68.38 4.07 -8.57	96.76 5.22 -24.69	75.86 3.48 -26.03	69.50 2.74 -28.69	61.47 2.62 -22.54	58.09 2.63 -21.31	51.99 2.65 -15.44	45.34 3.16 -4.93
NARROWS_GT1_5 24232	44.61 3.29 -0.22	40.59 2.97 -0.01	38.80 2.77 -0.51	38.62 2.60 -2.22	39.27 2.68 -2.31	45.97 2.53 -7.87	74.58 3.62 0.00	96.52 4.84 13.40	91.24 5.19 15.75	81.97 4.85 14.39	64.62 4.20 -0.37	61.35 3.81 -4.68	61.39 3.92 -4.49	61.22 4.07 -2.21	60.41 3.91 -3.60	61.33 4.10 -1.01	68.38 4.07 -8.57	96.76 5.22 -24.69	75.86 3.48 -26.03	69.50 2.74 -28.69	61.47 2.62 -22.54	58.09 2.63 -21.31	51.99 2.65 -15.44	45.34 3.16 -4.93
NARROWS_GT1_6 24233	44.61 3.29 -0.22	40.59 2.97 -0.01	38.80 2.77 -0.51	38.62 2.60 -2.22	39.27 2.68 -2.31	45.97 2.53 -7.87	74.58 3.62 0.00	96.52 4.84 13.40	91.24 5.19 15.75	81.97 4.85 14.39	64.62 4.20 -0.37	61.35 3.81 -4.68	61.39 3.92 -4.49	61.22 4.07 -2.21	60.41 3.91 -3.60	61.33 4.10 -1.01	68.38 4.07 -8.57	96.76 5.22 -24.69	75.86 3.48 -26.03	69.50 2.74 -28.69	61.47 2.62 -22.54	58.09 2.63 -21.31	51.99 2.65 -15.44	45.34 3.16 -4.93
NARROWS_GT1_7 24234	44.61 3.29 -0.22	40.59 2.97 -0.01	38.80 2.77 -0.51	38.62 2.60 -2.22	39.27 2.68 -2.31	45.97 2.53 -7.87	74.58 3.62 0.00	96.52 4.84 13.40	91.24 5.19 15.75	81.97 4.85 14.39	64.62 4.20 -0.37	61.35 3.81 -4.68	61.39 3.92 -4.49	61.22 4.07 -2.21	60.41 3.91 -3.60	61.33 4.10 -1.01	68.38 4.07 -8.57	96.76 5.22 -24.69	75.86 3.48 -26.03	69.50 2.74 -28.69	61.47 2.62 -22.54	58.09 2.63 -21.31	51.99 2.65 -15.44	45.34 3.16 -4.93
NARROWS_GT1_8 24235	44.61 3.29 -0.22	40.59 2.97 -0.01	38.80 2.77 -0.51	38.62 2.60 -2.22	39.27 2.68 -2.31	45.97 2.53 -7.87	74.58 3.62 0.00	96.52 4.84 13.40	91.24 5.19 15.75	81.97 4.85 14.39	64.62 4.20 -0.37	61.35 3.81 -4.68	61.39 3.92 -4.49	61.22 4.07 -2.21	60.41 3.91 -3.60	61.33 4.10 -1.01	68.38 4.07 -8.57	96.76 5.22 -24.69	75.86 3.48 -26.03	69.50 2.74 -28.69	61.47 2.62 -22.54	58.09 2.63 -21.31	51.99 2.65 -15.44	45.34 3.16 -4.93
NARROWS_GT2_1 24236	44.61 3.29 -0.22	40.59 2.97 -0.01	38.80 2.77 -0.51	38.62 2.60 -2.22	39.27 2.68 -2.31	45.97 2.53 -7.87	74.58 3.62 0.00	96.52 4.84 13.40	91.24 5.19 15.75	81.97 4.85 14.39	64.62 4.20 -0.37	61.35 3.81 -4.68	61.39 3.92 -4.49	61.22 4.07 -2.21	60.41 3.91 -3.60	61.33 4.10 -1.01	68.38 4.07 -8.57	96.76 5.22 -24.69	75.86 3.48 -26.03	69.50 2.74 -28.69	61.47 2.62 -22.54	58.09 2.63 -21.31	51.99 2.65 -15.44	45.34 3.16 -4.93

NARROWS_GT2_2 24237	44.61 3.29 -0.22	40.59 2.97 -0.01	38.80 2.77 -0.51	38.62 2.60 -2.22	39.27 2.68 -2.31	45.97 2.53 -7.87	74.58 3.62 0.00	96.52 4.84 13.40	91.24 5.19 15.75	81.97 4.85 14.39	64.62 4.20 -0.37	61.35 3.81 -4.68	61.39 3.92 -4.49	61.22 4.07 -2.21	60.41 3.91 -3.60	61.33 4.10 -1.01	68.38 4.07 -8.57	96.76 5.22 -24.69	75.86 3.48 -26.03	69.50 2.74 -28.69	61.47 2.62 -22.54	58.09 2.63 -21.31	51.99 2.65 -15.44	45.34 3.16 -4.93
NARROWS_GT2_3 24238	44.61 3.29 -0.22	40.59 2.97 -0.01	38.80 2.77 -0.51	38.62 2.60 -2.22	39.27 2.68 -2.31	45.97 2.53 -7.87	74.58 3.62 0.00	96.52 4.84 13.40	91.24 5.19 15.75	81.97 4.85 14.39	64.62 4.20 -0.37	61.35 3.81 -4.68	61.39 3.92 -4.49	61.22 4.07 -2.21	60.41 3.91 -3.60	61.33 4.10 -1.01	68.38 4.07 -8.57	96.76 5.22 -24.69	75.86 3.48 -26.03	69.50 2.74 -28.69	61.47 2.62 -22.54	58.09 2.63 -21.31	51.99 2.65 -15.44	45.34 3.16 -4.93
NARROWS_GT2_4 24239	44.61 3.29 -0.22	40.59 2.97 -0.01	38.80 2.77 -0.51	38.62 2.60 -2.22	39.27 2.68 -2.31	45.97 2.53 -7.87	74.58 3.62 0.00	96.52 4.84 13.40	91.24 5.19 15.75	81.97 4.85 14.39	64.62 4.20 -0.37	61.35 3.81 -4.68	61.39 3.92 -4.49	61.22 4.07 -2.21	60.41 3.91 -3.60	61.33 4.10 -1.01	68.38 4.07 -8.57	96.76 5.22 -24.69	75.86 3.48 -26.03	69.50 2.74 -28.69	61.47 2.62 -22.54	58.09 2.63 -21.31	51.99 2.65 -15.44	45.34 3.16 -4.93
NARROWS_GT2_5 24240	44.61 3.29 -0.22	40.59 2.97 -0.01	38.80 2.77 -0.51	38.62 2.60 -2.22	39.27 2.68 -2.31	45.97 2.53 -7.87	74.58 3.62 0.00	96.52 4.84 13.40	91.24 5.19 15.75	81.97 4.85 14.39	64.62 4.20 -0.37	61.35 3.81 -4.68	61.39 3.92 -4.49	61.22 4.07 -2.21	60.41 3.91 -3.60	61.33 4.10 -1.01	68.38 4.07 -8.57	96.76 5.22 -24.69	75.86 3.48 -26.03	69.50 2.74 -28.69	61.47 2.62 -22.54	58.09 2.63 -21.31	51.99 2.65 -15.44	45.34 3.16 -4.93
NARROWS_GT2_6 24241	44.61 3.29 -0.22	40.59 2.97 -0.01	38.80 2.77 -0.51	38.62 2.60 -2.22	39.27 2.68 -2.31	45.97 2.53 -7.87	74.58 3.62 0.00	96.52 4.84 13.40	91.24 5.19 15.75	81.97 4.85 14.39	64.62 4.20 -0.37	61.35 3.81 -4.68	61.39 3.92 -4.49	61.22 4.07 -2.21	60.41 3.91 -3.60	61.33 4.10 -1.01	68.38 4.07 -8.57	96.76 5.22 -24.69	75.86 3.48 -26.03	69.50 2.74 -28.69	61.47 2.62 -22.54	58.09 2.63 -21.31	51.99 2.65 -15.44	45.34 3.16 -4.93
NARROWS_GT2_7 24242	44.61 3.29 -0.22	40.59 2.97 -0.01	38.80 2.77 -0.51	38.62 2.60 -2.22	39.27 2.68 -2.31	45.97 2.53 -7.87	74.58 3.62 0.00	96.52 4.84 13.40	91.24 5.19 15.75	81.97 4.85 14.39	64.62 4.20 -0.37	61.35 3.81 -4.68	61.39 3.92 -4.49	61.22 4.07 -2.21	60.41 3.91 -3.60	61.33 4.10 -1.01	68.38 4.07 -8.57	96.76 5.22 -24.69	75.86 3.48 -26.03	69.50 2.74 -28.69	61.47 2.62 -22.54	58.09 2.63 -21.31	51.99 2.65 -15.44	45.34 3.16 -4.93
NARROWS_GT2_8 24243	44.61 3.29 -0.22	40.59 2.97 -0.01	38.80 2.77 -0.51	38.62 2.60 -2.22	39.27 2.68 -2.31	45.97 2.53 -7.87	74.58 3.62 0.00	96.52 4.84 13.40	91.24 5.19 15.75	81.97 4.85 14.39	64.62 4.20 -0.37	61.35 3.81 -4.68	61.39 3.92 -4.49	61.22 4.07 -2.21	60.41 3.91 -3.60	61.33 4.10 -1.01	68.38 4.07 -8.57	96.76 5.22 -24.69	75.86 3.48 -26.03	69.50 2.74 -28.69	61.47 2.62 -22.54	58.09 2.63 -21.31	51.99 2.65 -15.44	45.34 3.16 -4.93
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	44.47 3.12 -0.24	40.55 2.93 0.00	38.80 2.70 -0.58	38.92 2.57 -2.55	39.51 2.57 -2.65	50.19 2.38 -12.24	76.00 5.04 0.00	104.30 6.20 6.99	99.19 5.60 8.21	88.50 4.48 7.50	67.02 4.14 -2.83	63.60 3.86 -6.88	61.12 3.71 -4.42	58.45 3.85 0.34	58.88 3.81 -2.17	63.04 3.82 -3.00	73.26 3.34 -14.17	109.40 4.15 -38.39	89.71 2.87 -40.49	85.05 2.36 -44.62	73.66 2.29 -35.06	67.09 1.98 -30.97	54.37 2.31 -18.16	45.60 2.57 -5.79
NCHELSEA_115KV_TR2 355582	44.19 2.88 -0.21	40.24 2.63 0.00	38.44 2.42 -0.50	38.31 2.30 -2.21	38.92 2.33 -2.30	45.89 2.42 -7.90	75.29 4.33 0.00	102.87 5.67 7.88	98.34 5.80 9.27	88.26 5.22 8.47	66.22 4.26 -1.90	61.99 3.75 -5.38	59.96 3.81 -3.16	57.69 3.96 1.21	57.80 3.86 -1.04	62.44 4.05 -2.18	68.82 4.01 -9.06	96.86 5.22 -24.78	76.01 3.52 -26.14	69.57 2.70 -28.80	61.63 2.69 -22.63	58.15 2.49 -21.51	52.06 2.34 -15.82	44.93 2.64 -5.04
NEG CAPITAL___MECHNVIL 23645	44.19 2.83 -0.26	40.28 2.67 0.00	38.59 2.45 -0.62	38.86 2.33 -2.73	39.56 2.43 -2.84	58.80 2.63 -20.60	75.71 4.75 0.00	100.55 6.62 11.15	95.01 6.31 13.11	84.48 4.94 11.98	66.33 4.26 -2.02	63.11 3.70 -6.55	60.84 3.60 -4.25	57.78 3.57 0.74	58.26 3.49 -1.88	62.48 3.82 -2.45	83.44 4.13 -23.57	136.17 4.68 -64.63	117.85 3.34 -68.16	115.88 2.70 -75.11	97.87 2.54 -59.01	84.31 2.32 -47.84	55.19 2.24 -19.05	45.73 2.42 -6.07
NEG CENTRAL_HIGH_ACRES 23767	39.18 -1.97 -0.05	35.69 -1.92 0.00	33.93 -1.70 -0.11	32.58 -1.72 -0.50	33.27 -1.54 -0.52	35.58 -1.78 -1.78	66.35 -4.61 0.00	54.35 -5.57 45.16	43.32 -5.40 53.08	38.35 -4.66 48.50	44.65 -3.24 12.16	39.80 -2.86 10.20	41.43 -3.02 8.54	41.72 -3.13 10.10	40.00 -3.07 9.83	43.90 -3.15 9.17	52.21 -3.18 0.36	69.11 -3.34 -5.59	50.02 -2.22 -5.90	42.59 -1.98 -6.50	39.64 -1.78 -5.11	37.24 -1.74 -4.83	35.83 -1.56 -3.49	36.64 -1.71 -1.11
NEG CENTRAL___DRP 24199	40.82 -0.33 -0.05	37.42 -0.19 0.00	35.21 -0.43 -0.12	33.85 -0.47 -0.52	34.56 -0.27 -0.54	37.41 -0.04 -1.88	69.75 -1.21 0.00	77.38 -1.58 26.13	69.46 -1.63 30.71	61.81 -1.65 28.06	52.17 -1.08 6.80	46.49 -0.85 5.52	47.31 -0.90 4.78	48.01 -0.93 6.01	46.31 -0.90 5.68	50.23 -0.90 5.09	56.94 -0.72 -1.92	72.75 0.00 -5.89	52.66 0.09 -6.21	44.99 0.08 -6.84	41.69 0.00 -5.38	39.56 -0.14 -5.55	38.47 -0.37 -4.94	38.52 -0.30 -1.57
NEG CENTRAL___INDECK 23768	41.37 0.21 -0.06	38.03 0.41 0.00	35.63 -0.04 -0.14	34.19 -0.23 -0.62	34.97 0.03 -0.65	38.12 0.28 -2.27	67.84 -3.12 0.00	58.30 -3.57 43.21	47.45 -3.57 50.79	41.73 -3.38 46.40	45.88 -2.76 11.41	41.00 -2.48 9.38	42.32 -2.70 7.97	42.35 -2.86 9.73	40.87 -2.70 9.33	45.07 -2.58 8.56	53.83 -2.17 -0.26	72.51 -1.47 -7.12	53.02 -0.83 -7.51	45.39 -0.95 -8.27	43.28 0.47 -6.50	40.12 -0.07 -6.04	38.22 0.03 -4.29	38.65 0.04 -1.37
NEG CENTRAL___SENECA 23627	40.99 -0.16 -0.05	37.65 0.04 0.00	35.36 -0.28 -0.13	33.98 -0.37 -0.56	34.73 -0.14 -0.58	37.76 0.18 -2.01	69.82 -1.14 0.00	78.09 -1.26 25.73	70.14 -1.43 30.24	62.33 -1.56 27.63	52.41 -1.02 6.62	46.77 -0.79 5.30	47.51 -0.85 4.63	48.07 -0.93 5.94	46.48 -0.85 5.57	50.44 -0.84 4.94	56.86 -0.67 -1.78	73.38 0.20 -6.32	53.29 0.28 -6.66	45.60 0.19 -7.34	42.23 0.15 -5.77	40.06 0.00 -5.91	38.79 -0.31 -5.19	38.75 -0.15 -1.65
NEG CENTRAL___STATE_STREET 24147	40.90 -0.25 -0.05	37.42 -0.19 0.00	35.32 -0.32 -0.12	33.97 -0.34 -0.51	34.65 -0.17 -0.53	37.38 -0.04 -1.85	70.25 -0.71 0.00	77.97 -0.95 26.16	70.13 -0.92 30.75	62.50 -0.92 28.10	52.68 -0.54 6.83	46.82 -0.48 5.56	47.81 -0.37 4.80	48.50 -0.44 6.01	46.78 -0.42 5.70	50.71 -0.39 5.11	57.58 -0.28 -2.12	73.06 0.40 -5.80	52.84 0.37 -6.11	45.07 0.27 -6.74	41.82 0.22 -5.29	39.64 0.03 -5.46	38.55 -0.20 -4.85	38.60 -0.19 -1.55

NEG MILLWOOD___DRP 24198	44.44 3.12 -0.21	40.47 2.86 0.00	38.62 2.59 -0.50	38.56 2.53 -2.23	39.11 2.50 -2.32	46.11 2.60 -7.94	75.71 4.75 0.00	103.86 6.62 7.85	99.40 6.82 9.22	89.77 6.68 8.43	67.22 5.22 -1.95	63.06 4.49 -5.71	61.72 4.50 -4.23	60.38 4.67 -0.76	60.11 4.55 -2.66	62.98 4.55 -2.21	69.43 4.57 -9.11	97.73 5.95 -24.92	76.62 3.99 -26.28	70.15 3.12 -28.96	62.12 3.05 -22.75	58.62 2.83 -21.64	52.41 2.58 -15.93	45.23 2.91 -5.08
NEG NORTH_FLCN_SEA 23793	42.91 1.81 0.00	39.34 1.73 0.00	37.26 1.74 0.00	34.95 1.15 0.00	35.38 1.10 0.00	36.75 1.17 0.00	74.01 3.05 0.00	105.96 2.63 1.75	101.88 2.14 2.05	93.12 3.48 1.88	61.21 1.68 0.52	53.86 1.48 0.48	53.93 1.32 0.38	55.89 1.32 0.38	53.50 1.01 0.40	57.10 1.29 0.40	57.14 1.39 0.00	68.60 1.74 0.00	47.74 1.39 0.00	39.25 1.18 0.00	37.22 0.91 0.00	35.10 0.85 -0.10	34.92 0.75 -0.28	38.71 1.38 -0.09
NEG NORTH_KES_CHATEGAY 23792	42.41 1.32 0.00	38.85 1.24 0.00	36.80 1.28 0.00	34.75 0.95 0.00	35.21 0.93 0.00	36.53 0.96 0.00	73.65 2.70 0.00	105.94 2.84 1.98	101.82 2.34 2.32	92.32 2.93 2.12	60.72 1.26 0.59	53.37 1.06 0.55	53.51 0.95 0.43	55.51 0.99 0.43	53.19 0.74 0.45	56.71 0.96 0.46	56.80 1.06 0.00	68.20 1.34 0.00	47.46 1.11 0.00	39.02 0.95 0.00	37.04 0.73 0.00	34.95 0.68 -0.12	34.82 0.61 -0.31	38.28 0.93 -0.10
NEG NORTH___ALICE_FALLS 23915	43.24 2.14 0.00	39.64 2.03 0.00	37.51 1.99 0.00	35.32 1.52 0.00	35.80 1.51 0.00	37.17 1.60 0.00	74.86 3.90 0.00	107.60 4.31 1.79	103.26 3.56 2.10	94.08 4.48 1.92	61.80 2.28 0.53	54.37 2.01 0.50	54.40 1.80 0.39	56.43 1.87 0.39	54.02 1.53 0.41	57.49 1.69 0.41	57.64 1.90 0.00	69.13 2.27 0.00	48.16 1.81 0.00	39.59 1.52 0.00	37.51 1.20 0.00	35.38 1.13 -0.11	35.13 0.95 -0.28	38.82 1.49 -0.09
NEG NORTH___LWR_SARANAC 23913	43.24 2.14 0.00	39.64 2.03 0.00	37.51 1.99 0.00	35.32 1.52 0.00	35.80 1.51 0.00	37.17 1.60 0.00	74.86 3.90 0.00	107.60 4.31 1.79	103.26 3.56 2.10	94.08 4.48 1.92	61.80 2.28 0.53	54.37 2.01 0.50	54.40 1.80 0.39	56.43 1.87 0.39	54.02 1.53 0.41	57.49 1.69 0.41	57.64 1.90 0.00	69.13 2.27 0.00	48.16 1.81 0.00	39.59 1.52 0.00	37.51 1.20 0.00	35.38 1.13 -0.11	35.13 0.95 -0.28	38.82 1.49 -0.09
NEG NORTH___PLATTSBURG 23628	43.24 2.14 0.00	39.64 2.03 0.00	37.51 1.99 0.00	35.32 1.52 0.00	35.79 1.51 0.00	37.17 1.60 0.00	74.86 3.90 0.00	106.42 3.90 2.97	101.87 3.56 3.49	92.63 4.30 3.19	61.52 2.28 0.81	54.18 2.01 0.69	54.23 1.80 0.56	56.18 1.87 0.64	53.80 1.54 0.63	57.29 1.68 0.61	57.42 1.67 0.00	69.13 2.27 0.00	48.16 1.81 0.00	39.59 1.52 0.00	37.51 1.20 0.00	35.27 1.13 0.00	34.78 0.88 0.00	38.74 1.49 0.00
NEG WEST_LEA_LOCKPORT 23791	37.87 -3.29 -0.05	34.98 -2.63 0.00	32.56 -3.09 -0.13	31.22 -3.14 -0.56	32.03 -2.85 -0.59	35.08 -2.53 -2.04	62.73 -8.23 0.00	66.38 -11.56 27.15	58.79 -11.10 31.91	52.29 -10.07 29.15	46.01 -6.91 7.13	40.93 -6.08 5.85	41.33 -6.62 5.03	41.83 -6.87 6.25	40.18 -6.77 5.95	43.79 -7.08 5.34	49.83 -7.14 -1.22	65.63 -7.62 -6.40	48.09 -5.01 -6.75	41.35 -4.15 -7.43	38.63 -3.52 -5.84	36.40 -3.59 -5.83	35.81 -3.36 -5.27	36.17 -2.76 -1.68
NEG WEST___LANCASTR 23811	38.77 -2.38 -0.06	37.57 -0.04 0.00	32.60 -3.05 -0.14	31.33 -3.08 -0.61	32.14 -2.78 -0.63	37.67 -0.11 -2.21	67.84 -3.12 0.00	68.82 -9.67 26.59	61.08 -9.47 31.26	53.44 -9.52 28.56	47.16 -6.00 6.88	41.92 -5.39 5.55	42.64 -5.51 4.83	43.14 -5.66 6.15	41.61 -5.50 5.79	45.34 -5.73 5.14	52.10 -5.13 -1.49	70.90 -2.87 -6.92	51.93 -1.72 -7.30	44.55 -1.56 -8.04	41.32 -1.31 -6.32	37.17 -3.24 -6.27	35.90 -3.53 -5.53	35.84 -3.17 -1.76
NEG_PENN_ALLEGHNY 23528	41.31 0.12 -0.09	37.95 0.34 0.00	35.70 -0.04 -0.22	34.69 -0.07 -0.95	35.35 0.07 -0.99	39.64 0.39 -3.68	70.89 -0.07 0.00	69.23 -0.63 35.22	59.79 -0.61 41.40	52.95 -0.74 37.83	51.45 -0.18 8.42	46.58 -0.16 6.12	47.22 -0.11 5.66	46.66 -0.11 8.17	45.55 -0.05 7.29	50.06 0.00 6.15	58.64 0.11 -2.79	79.15 0.74 -11.55	59.13 0.60 -12.18	51.91 0.42 -13.42	47.30 0.44 -10.55	43.99 0.10 -9.74	40.61 0.03 -6.67	39.44 0.07 -2.13
NEG___GEN_MONROE 24207	40.04 -1.11 -0.05	36.60 -1.02 0.00	34.64 -0.99 -0.12	33.13 -1.18 -0.51	33.86 -0.96 -0.53	36.37 -1.03 -1.83	66.84 -4.12 0.00	73.88 -4.83 26.37	66.23 -4.58 30.99	59.08 -4.12 28.32	50.15 -3.00 6.90	44.38 -2.85 5.63	44.90 -3.23 4.85	45.48 -3.41 6.06	43.87 -3.28 5.75	47.68 -3.37 5.17	53.36 -3.51 -1.13	68.98 -3.61 -5.73	50.07 -2.32 -6.04	42.82 -1.90 -6.65	39.80 -1.74 -5.23	37.82 -1.78 -5.45	37.11 -1.73 -4.94	37.51 -1.30 -1.57
NEPA___ENERGY 23901	39.19 -1.97 -0.06	36.67 -0.94 0.00	33.49 -2.17 -0.14	32.15 -2.26 -0.62	32.97 -1.95 -0.64	36.86 -0.96 -2.25	66.13 -4.83 0.00	70.58 -8.20 26.31	62.63 -8.25 30.92	55.30 -7.96 28.25	48.12 -5.16 6.77	42.84 -4.60 5.42	43.26 -4.98 4.74	43.69 -5.17 6.09	42.16 -5.03 5.71	46.00 -5.17 5.04	52.36 -4.96 -1.57	69.70 -4.21 -7.05	51.14 -2.64 -7.43	43.94 -2.32 -8.19	40.71 -2.03 -6.44	37.77 -2.77 -6.39	36.82 -2.68 -5.59	36.83 -2.20 -1.78
NEVERSINK___HYD 23608	44.09 2.80 -0.19	40.17 2.56 0.00	38.32 2.34 -0.46	38.05 2.23 -2.02	38.69 2.30 -2.10	45.40 2.38 -7.45	75.29 4.33 0.00	96.48 5.46 14.07	90.76 5.49 16.53	81.16 4.76 15.11	63.76 3.90 0.20	59.11 3.39 -2.87	56.69 3.50 -0.20	53.40 3.57 5.12	53.83 3.54 2.61	60.49 3.77 -0.51	67.63 3.84 -8.04	95.44 5.22 -23.36	74.42 3.43 -24.64	67.96 2.74 -27.15	60.22 2.58 -21.33	56.48 2.35 -19.98	50.21 2.20 -14.10	44.19 2.46 -4.49
NEWKRMKL_115KV_TB1 55635	43.33 1.97 -0.26	39.45 1.84 0.00	37.83 1.70 -0.61	38.11 1.62 -2.68	38.69 1.61 -2.80	53.17 1.71 -15.89	73.65 2.70 0.00	101.69 3.26 6.65	97.14 3.16 7.81	87.12 2.75 7.14	66.19 2.94 -3.19	63.00 2.64 -7.50	60.61 2.60 -5.03	57.85 2.69 -0.21	58.28 2.59 -2.79	62.24 2.70 -3.33	76.75 2.56 -18.44	119.58 2.87 -49.85	100.91 1.99 -52.57	97.71 1.71 -57.93	83.50 1.67 -45.51	74.22 1.54 -38.53	54.62 1.63 -19.09	45.15 1.82 -6.08
NEWTON___FALLS_HYD 23847	40.78 -0.33 -0.01	37.27 -0.34 0.00	35.34 -0.21 -0.03	33.69 -0.24 -0.13	34.04 -0.38 -0.13	35.00 -0.57 0.00	70.32 -0.64 0.00	96.10 -0.84 8.15	91.00 -1.22 9.57	81.48 -1.28 8.75	56.66 -1.20 2.19	49.93 -1.11 1.82	50.43 -1.06 1.50	52.31 -0.88 1.76	50.34 -0.85 1.71	53.78 -0.79 1.65	55.85 -0.61 -0.72	66.33 -0.53 0.00	45.93 -0.42 0.00	37.73 -0.34 0.00	35.99 -0.33 0.00	34.45 -0.17 -0.47	34.91 -0.27 -1.28	37.24 -0.41 -0.41
NGRID_A1_DSASP 323792	37.54 -3.62 -0.05	34.49 -3.12 0.00	32.42 -3.23 -0.13	31.09 -3.28 -0.57	31.90 -2.98 -0.59	34.54 -3.10 -2.06	61.67 -9.29 0.00	46.61 -12.72 45.75	35.70 -12.32 53.78	31.48 -10.89 49.14	40.14 -7.57 12.34	35.86 -6.61 10.39	37.13 -7.15 8.70	37.27 -7.42 10.26	35.55 -7.35 9.99	39.20 -7.70 9.32	47.48 -7.92 0.35	64.50 -8.83 -6.47	47.38 -5.80 -6.82	40.60 -4.99 -7.52	37.86 -4.36 -5.91	35.16 -4.34 -5.36	34.32 -3.56 -3.97	35.12 -3.39 -1.27

NGRID_A2_DSASP 323793	37.54 -3.62 -0.05	34.49 -3.12 0.00	32.42 -3.23 -0.13	31.09 -3.28 -0.57	31.90 -2.98 -0.59	34.54 -3.10 -2.06	61.67 -9.29 0.00	46.61 -12.72 45.75	35.70 -12.32 53.78	31.48 -10.89 49.14	40.14 -7.57 12.34	35.86 -6.61 10.39	37.13 -7.15 8.70	37.27 -7.42 10.26	35.55 -7.35 9.99	39.20 -7.70 9.32	47.48 -7.92 0.35	64.50 -8.83 -6.47	47.38 -5.80 -6.82	40.60 -4.99 -7.52	37.86 -4.36 -5.91	35.16 -4.34 -5.36	34.32 -3.56 -3.97	35.12 -3.39 -1.27
NGRID_A4_DSASP 323807	37.54 -3.62 -0.05	34.49 -3.12 0.00	32.42 -3.23 -0.13	31.09 -3.28 -0.57	31.90 -2.98 -0.59	34.54 -3.10 -2.06	61.67 -9.29 0.00	46.61 -12.72 45.75	35.70 -12.32 53.78	31.48 -10.89 49.14	40.14 -7.57 12.34	35.86 -6.61 10.39	37.13 -7.15 8.70	37.27 -7.42 10.26	35.55 -7.35 9.99	39.20 -7.70 9.32	47.48 -7.92 0.35	64.50 -8.83 -6.47	47.38 -5.80 -6.82	40.60 -4.99 -7.52	37.86 -4.36 -5.91	35.16 -4.34 -5.36	34.32 -3.56 -3.97	35.12 -3.39 -1.27
NIAGARA_115E_LBMP 323715	37.50 -3.66 -0.05	34.64 -2.97 0.00	32.27 -3.38 -0.13	30.96 -3.41 -0.57	31.76 -3.12 -0.59	34.61 -3.02 -2.06	61.88 -9.08 0.00	46.82 -12.72 45.54	35.94 -12.32 53.53	31.71 -10.89 48.91	40.15 -7.63 12.27	35.94 -6.61 10.31	37.14 -7.21 8.64	37.32 -7.42 10.21	35.61 -7.35 9.94	39.32 -7.64 9.25	47.62 -7.80 0.32	64.77 -8.56 -6.47	47.51 -5.66 -6.82	40.71 -4.87 -7.52	38.04 -4.17 -5.91	35.25 -4.27 -5.38	34.35 -3.53 -3.97	35.16 -3.35 -1.27
NIAGARA_115W_LBMP 323714	37.46 -3.70 -0.05	34.42 -3.20 0.00	32.35 -3.30 -0.13	31.02 -3.35 -0.57	31.83 -3.05 -0.59	34.47 -3.17 -2.06	61.52 -9.44 0.00	46.26 -13.03 45.79	35.45 -12.53 53.82	31.26 -11.08 49.18	39.95 -7.75 12.36	35.74 -6.71 10.41	36.96 -7.31 8.71	37.16 -7.53 10.26	35.44 -7.46 10.00	39.08 -7.81 9.33	47.36 -8.03 0.36	64.37 -8.96 -6.46	47.28 -5.89 -6.82	40.52 -5.06 -7.51	37.78 -4.43 -5.90	35.09 -4.40 -5.35	34.25 -3.63 -3.97	35.05 -3.46 -1.26
NIAGARA_230_LBMP 323716	37.99 -3.16 -0.05	34.98 -2.63 0.00	32.74 -2.91 -0.13	31.39 -2.97 -0.57	32.20 -2.67 -0.59	34.99 -2.63 -2.05	62.66 -8.30 0.00	47.76 -11.24 46.08	36.75 -10.89 54.16	32.42 -9.61 49.48	40.80 -6.79 12.46	36.47 -5.87 10.52	37.83 -6.36 8.79	38.03 -6.60 10.32	36.26 -6.56 10.08	40.00 -6.80 9.41	48.30 -7.03 0.42	65.60 -7.69 -6.43	48.12 -5.01 -6.78	41.20 -4.34 -7.47	38.44 -3.74 -5.87	35.62 -3.82 -5.29	34.77 -3.08 -3.95	35.52 -2.98 -1.26
NIAGARA__115KV_198_GIBSON 55903	37.45 -3.70 -0.05	34.41 -3.20 0.00	32.35 -3.30 -0.13	31.02 -3.35 -0.57	31.83 -3.05 -0.59	34.68 -2.95 -2.06	61.52 -9.44 0.00	64.55 -13.03 27.50	56.95 -12.52 32.33	50.81 -11.16 29.54	45.11 -7.69 7.26	40.11 -6.77 5.98	40.54 -7.31 5.13	41.10 -7.53 6.32	39.40 -7.46 6.04	42.96 -7.97 5.44	48.95 -8.99 -1.18	64.43 -8.89 -6.46	47.33 -5.84 -6.82	40.75 -4.83 -7.51	37.82 -4.39 -5.90	35.62 -4.37 -5.84	35.14 -4.07 -5.30	35.43 -3.50 -1.69
NIAGARA____ 23760	37.99 -3.16 -0.05	34.98 -2.63 0.00	32.74 -2.91 -0.13	31.40 -2.97 -0.57	32.21 -2.67 -0.59	35.00 -2.63 -2.06	62.66 -8.30 0.00	48.02 -11.24 45.82	37.05 -10.89 53.86	32.72 -9.61 49.19	40.89 -6.79 12.37	36.57 -5.87 10.42	37.91 -6.36 8.72	38.08 -6.60 10.27	36.33 -6.56 10.01	40.08 -6.80 9.33	48.35 -7.03 0.37	65.62 -7.69 -6.45	48.15 -5.01 -6.80	41.22 -4.34 -7.49	38.46 -3.74 -5.89	35.66 -3.82 -5.34	34.78 -3.08 -3.96	35.53 -2.98 -1.26
NINE_MILE_1 23575	39.49 -1.65 -0.03	36.11 -1.51 0.00	34.17 -1.42 -0.08	32.75 -1.39 -0.34	33.30 -1.34 -0.35	35.33 -1.39 -1.15	67.77 -3.19 0.00	47.30 -4.83 52.95	34.88 -4.68 62.24	30.44 -4.21 56.87	42.49 -2.70 14.86	37.48 -2.38 13.00	40.07 -2.33 10.58	40.85 -2.42 11.68	38.84 -2.33 11.73	42.43 -2.47 11.32	44.29 -2.45 9.00	67.99 -2.47 -3.60	48.43 -1.71 -3.80	40.80 -1.45 -4.18	38.26 -1.34 -3.29	35.99 -1.30 -3.15	34.97 -1.29 -2.36	36.58 -1.42 -0.75
NINE_MILE_2 23744	39.53 -1.60 -0.03	36.11 -1.51 0.00	34.17 -1.42 -0.08	32.75 -1.39 -0.34	33.30 -1.34 -0.35	35.33 -1.39 -1.14	67.84 -3.12 0.00	47.22 -4.83 53.03	34.78 -4.68 62.34	30.35 -4.21 56.96	42.46 -2.70 14.89	37.51 -2.32 13.03	40.05 -2.33 10.60	40.84 -2.42 11.69	38.82 -2.33 11.75	42.40 -2.47 11.34	44.17 -2.45 9.13	67.97 -2.47 -3.59	48.42 -1.71 -3.78	40.79 -1.45 -4.17	38.24 -1.34 -3.27	35.98 -1.30 -3.13	34.96 -1.29 -2.35	36.58 -1.42 -0.75
NM_CAPITAL____DRP 24208	43.29 1.93 -0.26	39.42 1.81 0.00	37.79 1.67 -0.60	38.03 1.55 -2.68	38.65 1.58 -2.79	52.99 1.67 -15.74	73.58 2.63 0.00	101.47 3.05 6.66	97.03 3.05 7.82	86.93 2.56 7.15	66.05 2.82 -3.18	62.87 2.54 -7.48	60.50 2.49 -5.03	57.77 2.58 -0.24	58.19 2.49 -2.80	62.11 2.59 -3.31	76.47 2.45 -18.27	119.00 2.74 -49.40	100.34 1.90 -52.09	97.15 1.68 -57.41	83.09 1.67 -45.10	73.92 1.54 -38.24	54.51 1.56 -19.05	45.06 1.75 -6.07
NM_CENTRAL____DRP 24181	40.28 -0.86 -0.04	36.82 -0.79 0.00	34.80 -0.82 -0.09	33.41 -0.81 -0.42	34.00 -0.72 -0.43	36.35 -0.68 -1.46	69.11 -1.84 0.00	76.93 -3.05 25.10	69.35 -2.95 29.50	61.90 -2.65 26.96	51.73 -1.62 6.70	45.90 -1.37 5.58	46.92 -1.32 4.74	47.85 -1.37 5.72	46.11 -1.27 5.52	49.82 -1.35 5.04	55.78 -1.34 -1.37	70.49 -0.94 -4.57	50.57 -0.60 -4.82	42.88 -0.49 -5.31	39.97 -0.51 -4.17	38.03 -0.55 -4.43	37.35 -0.71 -4.16	37.82 -0.74 -1.33
NM_FRONTIER____DRP 24179	37.45 -3.70 -0.05	34.41 -3.20 0.00	32.35 -3.30 -0.13	31.02 -3.35 -0.57	31.83 -3.05 -0.59	34.68 -2.95 -2.06	61.52 -9.44 0.00	64.55 -13.03 27.50	56.95 -12.52 32.33	50.81 -11.16 29.54	45.11 -7.69 7.26	40.11 -6.77 5.98	40.54 -7.31 5.13	41.10 -7.53 6.32	39.40 -7.46 6.04	42.96 -7.81 5.44	48.95 -7.97 -1.18	64.43 -8.89 -6.46	47.33 -5.84 -6.82	40.75 -4.83 -7.51	37.82 -4.39 -5.90	35.62 -4.37 -5.84	35.14 -4.07 -5.30	35.43 -3.50 -1.69
NM_ST_REGIS____HYD 24053	41.68 0.58 -0.01	38.10 0.49 0.00	36.14 0.60 -0.01	34.37 0.51 -0.06	34.70 0.34 -0.07	35.61 0.04 0.00	72.02 1.06 0.00	102.40 1.37 4.05	97.96 0.92 4.76	88.45 1.28 4.35	59.02 0.06 1.09	52.06 0.11 0.90	52.35 0.11 0.74	54.24 0.16 0.87	52.10 0.05 0.85	55.51 0.11 0.82	55.80 0.06 0.00	66.93 0.07 0.00	46.40 0.05 0.00	38.15 0.08 0.00	36.39 0.07 0.00	34.72 0.34 -0.24	34.88 0.34 -0.64	37.82 0.37 -0.20
NORTHPORT____1 23551	45.76 4.44 -0.22	41.72 4.10 -0.01	39.83 3.80 -0.51	39.60 3.58 -2.22	40.30 3.70 -2.31	57.82 3.84 -18.41	86.71 7.10 -8.66	101.68 9.99 13.39	96.14 10.08 15.74	94.36 8.79 5.94	73.91 6.72 -7.13	69.11 5.97 -10.28	69.07 6.04 -10.05	67.33 6.26 -6.12	65.95 6.13 -6.91	72.18 6.57 -9.39	96.16 6.52 -33.89	128.35 7.95 -53.53	113.71 5.47 -61.89	103.10 4.41 -60.61	96.97 4.25 -56.41	93.15 4.06 -54.94	63.30 3.93 -25.47	51.83 4.24 -10.34
NORTHPORT____2 23552	45.76 4.44 -0.22	41.72 4.10 -0.01	39.83 3.80 -0.51	39.60 3.58 -2.22	40.30 3.70 -2.31	57.82 3.84 -18.41	86.71 7.10 -8.66	101.68 9.99 13.39	96.14 10.08 15.74	94.36 8.79 5.94	73.91 6.72 -7.13	69.11 5.97 -10.28	69.07 6.04 -10.05	67.33 6.26 -6.12	65.95 6.13 -6.91	72.18 6.57 -9.39	96.16 6.52 -33.89	128.35 7.95 -53.53	113.71 5.47 -61.89	103.10 4.41 -60.61	96.97 4.25 -56.41	93.15 4.06 -54.94	63.30 3.93 -25.47	51.83 4.24 -10.34

NORTHPORT___3 23553	44.94 3.62 -0.22	40.93 3.31 -0.01	39.12 3.09 -0.51	38.96 2.94 -2.22	39.62 3.02 -2.31	57.16 3.09 -18.49	85.29 5.68 -8.66	99.58 7.89 13.39	94.01 7.95 15.74	92.69 7.05 5.87	72.82 5.59 -7.19	68.15 4.97 -10.33	68.06 4.98 -10.09	66.26 5.16 -6.15	64.89 5.08 -6.91	71.06 5.45 -9.39	94.97 5.13 -34.10	126.50 5.89 -53.76	112.56 4.03 -62.18	102.28 3.35 -60.86	96.29 3.30 -56.67	92.64 3.28 -55.21	62.59 3.22 -25.47	51.13 3.50 -10.38
NORTHPORT___4 23650	44.94 3.62 -0.22	40.93 3.31 -0.01	39.12 3.09 -0.51	38.96 2.94 -2.22	39.62 3.02 -2.31	57.16 3.09 -18.49	85.29 5.68 -8.66	99.58 7.89 13.39	94.01 7.95 15.74	92.69 7.05 5.87	72.82 5.59 -7.19	68.15 4.97 -10.33	68.06 4.98 -10.09	66.26 5.16 -6.15	64.89 5.08 -6.91	71.06 5.45 -9.39	94.97 5.13 -34.10	126.50 5.89 -53.76	112.56 4.03 -62.18	102.28 3.35 -60.86	96.29 3.30 -56.67	92.64 3.28 -55.21	62.59 3.22 -25.47	51.13 3.50 -10.38
NORTHPORT___IC 23718	45.76 4.44 -0.22	41.72 4.10 -0.01	39.83 3.80 -0.51	39.60 3.58 -2.22	40.30 3.70 -2.31	57.82 3.84 -18.41	86.71 7.10 -8.66	101.68 9.99 13.39	96.14 10.08 15.74	94.36 8.79 5.94	73.91 6.72 -7.13	69.11 5.97 -10.28	69.07 6.04 -10.05	67.33 6.26 -6.12	65.95 6.13 -6.91	72.18 6.57 -9.39	96.16 6.52 -33.89	128.35 7.95 -53.53	113.71 5.47 -61.89	103.10 4.41 -60.61	96.97 4.25 -56.41	93.15 4.06 -54.94	63.30 3.93 -25.47	51.83 4.24 -10.34
NORTH___COUNTRY_ESR 323785	42.25 1.15 0.00	38.70 1.09 0.00	36.66 1.14 0.00	34.61 0.81 0.00	35.08 0.79 0.00	36.35 0.78 0.00	73.37 2.41 0.00	104.21 2.42 3.29	99.97 2.04 3.86	90.64 2.66 3.53	60.29 1.14 0.90	53.05 0.95 0.76	53.16 0.80 0.62	55.06 0.83 0.71	52.78 0.58 0.70	56.32 0.79 0.68	56.42 0.67 0.00	67.86 1.00 0.00	47.23 0.88 0.00	38.83 0.76 0.00	36.86 0.55 0.00	34.69 0.54 0.00	34.31 0.41 0.00	38.03 0.78 0.00
NPX_GEN_1385_PROXY 323591	87.41 5.05 -41.26	85.72 4.66 -43.45	79.57 4.30 -39.75	78.95 4.05 -41.10	86.00 4.18 -47.53	96.00 4.37 -56.05	115.97 8.16 -36.85	136.61 11.46 -20.07	105.97 11.50 7.33	99.62 9.61 1.50	80.90 7.57 -13.28	77.15 6.71 -17.58	77.07 6.78 -17.30	81.20 7.03 -19.22	84.76 6.87 -24.99	92.60 7.36 -29.02	116.70 7.30 -53.65	141.90 8.89 -66.15	117.80 6.12 -65.33	103.63 4.95 -60.61	97.41 4.69 -56.41	93.63 4.54 -54.94	91.00 4.41 -52.69	86.00 4.81 -43.95
NPX_GEN_CSC 323557	46.66 5.34 -0.22	42.51 4.89 -0.01	40.54 4.51 -0.51	40.28 4.26 -2.22	40.99 4.39 -2.31	58.77 4.66 -18.54	87.91 8.94 -8.02	104.83 12.50 12.75	98.48 12.42 15.74	100.82 10.70 1.40	70.76 7.93 -2.78	70.24 7.03 -10.35	70.15 7.05 -10.12	68.53 7.41 -6.17	67.06 7.25 -6.91	73.48 7.87 -9.39	97.76 7.80 -34.21	130.45 9.69 -53.90	115.41 6.72 -62.34	104.72 5.63 -61.02	98.52 5.37 -56.83	94.49 4.99 -55.36	64.08 4.71 -25.47	52.72 5.06 -10.41
NSINS_S_GLNS_FALLS 23858	43.95 2.59 -0.26	40.09 2.48 0.00	38.45 2.31 -0.62	38.74 2.20 -2.75	39.48 2.33 -2.86	59.41 2.60 -21.24	75.43 4.47 0.00	105.05 6.52 6.55	100.11 6.01 7.70	88.42 3.94 7.03	67.17 3.78 -3.34	63.76 3.17 -7.73	61.12 2.97 -5.17	58.01 2.86 -0.21	58.56 2.80 -2.86	62.82 3.15 -3.46	83.90 3.46 -24.70	137.59 4.08 -66.65	119.56 2.92 -70.29	117.82 2.28 -77.47	99.28 2.11 -60.86	85.32 1.88 -49.29	55.14 1.73 -19.51	45.29 1.82 -6.22
NUCOR_STEEL___DRP 24197	40.90 -0.25 -0.05	37.42 -0.19 0.00	35.35 -0.28 -0.11	34.00 -0.30 -0.50	34.64 -0.17 -0.52	37.30 -0.07 -1.80	70.18 -0.78 0.00	77.61 -1.16 26.32	69.74 -1.12 30.94	62.15 -1.10 28.27	52.49 -0.66 6.90	46.69 -0.53 5.65	47.65 -0.48 4.86	48.42 -0.49 6.03	46.68 -0.48 5.74	50.59 -0.45 5.17	57.52 -0.33 -2.11	72.77 0.27 -5.64	52.58 0.28 -5.95	44.85 0.23 -6.56	41.61 0.15 -5.15	39.51 0.03 -5.33	38.47 -0.20 -4.77	38.61 -0.15 -1.52
NUMBER_THREE_WT_PWR 323818	41.28 0.17 -0.02	37.76 0.15 0.00	35.74 0.18 -0.04	34.11 0.14 -0.17	34.57 0.10 -0.18	35.75 0.18 0.00	71.17 0.21 0.00	87.64 0.42 17.87	80.70 -0.10 21.00	71.69 -0.64 19.19	54.76 -0.42 4.87	48.32 -0.42 4.12	49.25 -0.37 3.37	51.21 0.11 3.85	49.26 0.16 3.80	52.87 0.34 3.68	56.57 0.72 -0.11	68.13 1.27 0.00	47.09 0.74 0.00	38.72 0.65 0.00	36.86 0.55 0.00	35.04 0.44 -0.45	35.32 0.20 -1.22	37.71 0.07 -0.39
NYISO_LBMP_REFERENCE 24008	41.10 0.00 0.00	37.61 0.00 0.00	35.52 0.00 0.00	33.80 0.00 0.00	34.29 0.00 0.00	35.57 0.00 0.00	70.96 0.00 0.00	105.08 0.00 0.00	101.80 0.00 0.00	91.51 0.00 0.00	60.05 0.00 0.00	52.86 0.00 0.00	52.98 0.00 0.00	54.95 0.00 0.00	52.90 0.00 0.00	56.21 0.00 0.00	55.75 0.00 0.00	66.86 0.00 0.00	46.35 0.00 0.00	38.07 0.00 0.00	36.31 0.00 0.00	34.15 0.00 0.00	33.90 0.00 0.00	37.24 0.00 0.00
NYPA_BRENTWD___GT 24164	46.17 4.85 -0.22	42.06 4.44 -0.01	40.15 4.12 -0.51	39.91 3.89 -2.22	40.61 4.01 -2.31	58.46 4.20 -18.69	87.56 7.95 -8.66	102.83 11.13 13.39	97.26 11.20 15.74	95.60 9.80 5.71	74.69 7.32 -7.32	69.84 6.55 -10.43	69.75 6.57 -10.20	68.04 6.87 -6.23	66.48 6.67 -6.91	72.81 7.20 -9.39	97.51 7.19 -34.57	130.06 8.89 -54.31	115.33 6.12 -62.86	104.49 4.95 -61.47	98.38 4.76 -57.32	94.46 4.47 -55.84	63.67 4.31 -25.47	52.35 4.62 -10.49
NYPA_GOWANUS___GT5 24156	44.61 3.29 -0.22	40.59 2.97 -0.01	38.80 2.77 -0.51	38.62 2.60 -2.22	39.27 2.68 -2.31	45.97 2.53 -7.87	74.58 3.62 0.00	96.52 4.84 13.40	91.14 5.09 15.75	81.88 4.76 14.39	64.62 4.20 -0.37	61.35 3.81 -4.68	61.39 3.92 -4.49	61.22 4.07 -2.21	60.41 3.91 -3.60	61.33 4.10 -1.01	68.38 4.07 -8.57	96.70 5.15 -24.69	75.82 3.43 -26.03	69.46 2.70 -28.69	61.47 2.62 -22.54	58.09 2.63 -21.31	51.99 2.65 -15.44	45.34 3.16 -4.93
NYPA_GOWANUS___GT6 24157	44.61 3.29 -0.22	40.59 2.97 -0.01	38.80 2.77 -0.51	38.62 2.60 -2.22	39.27 2.68 -2.31	45.97 2.53 -7.87	74.58 3.62 0.00	96.52 4.84 13.40	91.14 5.09 15.75	81.88 4.76 14.39	64.62 4.20 -0.37	61.35 3.81 -4.68	61.39 3.92 -4.49	61.22 4.07 -2.21	60.41 3.91 -3.60	61.33 4.10 -1.01	68.38 4.07 -8.57	96.70 5.15 -24.69	75.82 3.43 -26.03	69.46 2.70 -28.69	61.47 2.62 -22.54	58.09 2.63 -21.31	51.99 2.65 -15.44	45.34 3.16 -4.93
NYPA_HARLEM__RVR__GT1 24160	44.48 3.16 -0.22	40.48 2.86 -0.01	38.73 2.70 -0.51	38.56 2.54 -2.22	39.17 2.57 -2.31	45.93 2.49 -7.87	74.36 3.41 0.01	96.10 4.41 13.40	90.93 4.89 15.76	81.60 4.48 14.40	64.37 3.96 -0.36	61.13 3.60 -4.67	61.12 3.65 -4.48	60.94 3.79 -2.20	60.19 3.70 -3.59	61.09 3.88 -1.00	68.21 3.90 -8.56	96.42 4.88 -24.68	75.62 3.24 -26.03	69.30 2.55 -28.68	61.28 2.43 -22.53	57.92 2.46 -21.31	52.02 2.68 -15.44	45.30 3.13 -4.93
NYPA_HARLEM__RVR__GT2 24161	44.48 3.16 -0.22	40.48 2.86 -0.01	38.73 2.70 -0.51	38.56 2.54 -2.22	39.17 2.57 -2.31	45.93 2.49 -7.87	74.36 3.41 0.01	96.10 4.41 13.40	90.93 4.89 15.76	81.60 4.48 14.40	64.37 3.96 -0.36	61.13 3.60 -4.67	61.12 3.65 -4.48	60.94 3.79 -2.20	60.19 3.70 -3.59	61.09 3.88 -1.00	68.21 3.90 -8.56	96.42 4.88 -24.68	75.62 3.24 -26.03	69.30 2.55 -28.68	61.28 2.43 -22.53	57.92 2.46 -21.31	52.02 2.68 -15.44	45.30 3.13 -4.93

NYPA_KENT____GT 24152	44.56 3.25 -0.22	40.56 2.94 -0.01	38.73 2.70 -0.51	38.56 2.54 -2.22	39.20 2.60 -2.31	45.97 2.53 -7.87	74.65 3.69 0.00	96.73 5.04 13.40	91.34 5.29 15.75	82.06 4.94 14.39	64.68 4.26 -0.37	61.40 3.86 -4.68	61.45 3.98 -4.49	61.28 4.12 -2.21	60.46 3.97 -3.60	61.38 4.16 -1.01	68.44 4.13 -8.57	96.76 5.22 -24.69	75.86 3.48 -26.03	69.50 2.74 -28.69	61.50 2.65 -22.54	58.09 2.63 -21.31	51.99 2.65 -15.44	45.30 3.13 -4.93
NYPA_POUCH1____GT 24155	44.53 3.21 -0.22	40.48 2.86 -0.01	38.69 2.67 -0.51	38.52 2.50 -2.22	39.17 2.57 -2.31	45.82 2.38 -7.87	74.22 3.27 0.01	95.99 4.31 13.41	90.63 4.59 15.76	81.42 4.30 14.40	64.38 3.96 -0.37	61.08 3.54 -4.67	61.13 3.65 -4.49	60.94 3.79 -2.20	60.14 3.65 -3.59	61.04 3.82 -1.00	68.11 3.79 -8.58	96.43 4.88 -24.69	75.63 3.24 -26.04	69.31 2.55 -28.69	61.29 2.43 -22.54	57.92 2.46 -21.31	51.86 2.51 -15.45	45.23 3.05 -4.93
NYPA_VERNON____GT2 24162	44.48 3.16 -0.22	40.48 2.86 -0.01	38.69 2.67 -0.51	38.52 2.50 -2.22	39.17 2.57 -2.31	45.97 2.53 -7.87	74.79 3.83 0.00	96.94 5.25 13.40	91.65 5.60 15.75	82.25 5.12 14.39	64.80 4.38 -0.37	61.45 3.91 -4.68	61.45 3.98 -4.49	61.28 4.12 -2.21	60.46 3.97 -3.60	61.44 4.22 -1.01	68.50 4.18 -8.57	96.83 5.28 -24.69	75.91 3.52 -26.03	69.54 2.78 -28.69	61.50 2.65 -22.54	58.09 2.63 -21.31	52.02 2.68 -15.44	45.26 3.09 -4.93
NYPA_VERNON____GT3 24163	44.48 3.16 -0.22	40.48 2.86 -0.01	38.69 2.67 -0.51	38.52 2.50 -2.22	39.17 2.57 -2.31	45.97 2.53 -7.87	74.79 3.83 0.00	96.94 5.25 13.40	91.65 5.60 15.75	82.25 5.12 14.39	64.80 4.38 -0.37	61.45 3.91 -4.68	61.45 3.98 -4.49	61.28 4.12 -2.21	60.46 3.97 -3.60	61.44 4.22 -1.01	68.50 4.18 -8.57	96.83 5.28 -24.69	75.91 3.52 -26.03	69.54 2.78 -28.69	61.50 2.65 -22.54	58.09 2.63 -21.31	52.02 2.68 -15.44	45.26 3.09 -4.93
NYPA__ASTORIA_CC1 323568	44.48 3.16 -0.22	40.48 2.86 -0.01	38.69 2.67 -0.51	38.52 2.50 -2.22	39.17 2.57 -2.31	45.97 2.53 -7.87	74.72 3.76 0.00	96.73 5.04 13.40	91.44 5.39 15.75	82.06 4.94 14.39	64.68 4.26 -0.37	61.35 3.81 -4.68	61.39 3.92 -4.49	61.22 4.07 -2.21	60.41 3.91 -3.60	61.33 4.10 -1.01	68.38 4.07 -8.57	96.70 5.15 -24.69	75.82 3.43 -26.03	69.50 2.74 -28.69	61.43 2.58 -22.54	58.05 2.59 -21.31	51.99 2.65 -15.44	45.26 3.09 -4.93
NYPA__ASTORIA_CC2 323569	44.48 3.16 -0.22	40.48 2.86 -0.01	38.69 2.67 -0.51	38.52 2.50 -2.22	39.17 2.57 -2.31	45.97 2.53 -7.87	74.72 3.76 0.00	96.73 5.04 13.40	91.44 5.39 15.75	82.06 4.94 14.39	64.68 4.26 -0.37	61.35 3.81 -4.68	61.39 3.92 -4.49	61.22 4.07 -2.21	60.41 3.91 -3.60	61.33 4.10 -1.01	68.38 4.07 -8.57	96.70 5.15 -24.69	75.82 3.43 -26.03	69.50 2.74 -28.69	61.43 2.58 -22.54	58.05 2.59 -21.31	51.99 2.65 -15.44	45.26 3.09 -4.93
NYPA__HOLTSVILL 23794	46.00 4.68 -0.22	41.94 4.32 -0.01	40.04 4.01 -0.51	39.80 3.78 -2.22	40.51 3.91 -2.31	58.19 4.09 -18.52	87.28 7.67 -8.66	102.42 10.72 13.39	96.85 10.79 15.74	95.01 9.34 5.84	74.34 7.08 -7.21	69.49 6.29 -10.34	69.40 6.30 -10.11	67.70 6.59 -6.16	66.26 6.45 -6.91	72.58 6.97 -9.39	96.89 6.97 -34.17	129.28 8.56 -53.86	114.53 5.89 -62.30	103.88 4.84 -60.97	97.71 4.61 -56.79	93.83 4.37 -55.31	63.54 4.17 -25.47	52.15 4.50 -10.40
NYPA____HELLGATE_GT1 24158	44.40 3.08 -0.22	40.44 2.82 -0.01	38.66 2.63 -0.51	38.52 2.50 -2.22	39.14 2.54 -2.31	45.86 2.42 -7.87	74.22 3.27 0.01	95.89 4.21 13.40	90.93 4.89 15.76	81.60 4.48 14.40	64.37 3.96 -0.36	61.07 3.54 -4.67	61.12 3.65 -4.48	60.94 3.79 -2.20	60.13 3.65 -3.59	61.09 3.88 -1.00	68.21 3.90 -8.56	96.42 4.88 -24.68	75.62 3.24 -26.03	69.30 2.55 -28.68	61.28 2.43 -22.53	57.88 2.42 -21.31	51.99 2.65 -15.44	45.26 3.09 -4.93
NYPA____HELLGATE_GT2 24159	44.40 3.08 -0.22	40.44 2.82 -0.01	38.66 2.63 -0.51	38.52 2.50 -2.22	39.14 2.54 -2.31	45.86 2.42 -7.87	74.22 3.27 0.01	95.89 4.21 13.40	90.93 4.89 15.76	81.60 4.48 14.40	64.37 3.96 -0.36	61.07 3.54 -4.67	61.12 3.65 -4.48	60.94 3.79 -2.20	60.13 3.65 -3.59	61.09 3.88 -1.00	68.21 3.90 -8.56	96.42 4.88 -24.68	75.62 3.24 -26.03	69.30 2.55 -28.68	61.28 2.43 -22.53	57.88 2.42 -21.31	51.99 2.65 -15.44	45.26 3.09 -4.93
NYS_BARGE__HYD 23848	37.99 -3.16 -0.05	35.09 -2.52 0.00	32.66 -2.98 -0.13	31.32 -3.04 -0.56	32.13 -2.74 -0.59	35.04 -2.56 -2.03	62.94 -8.02 0.00	48.38 -11.24 45.46	37.57 -10.79 53.44	32.99 -9.70 48.83	41.09 -6.72 12.24	36.71 -5.87 10.28	37.91 -6.47 8.61	38.05 -6.71 10.19	36.32 -6.67 9.91	40.07 -6.92 9.23	48.39 -7.03 0.33	65.74 -7.49 -6.36	48.15 -4.91 -6.71	41.16 -4.30 -7.39	38.60 -3.52 -5.81	35.84 -3.62 -5.32	34.90 -2.92 -3.91	35.74 -2.76 -1.25
OAK ORCHARD__HYD 24046	39.67 -1.48 -0.05	36.14 -1.47 0.00	34.36 -1.28 -0.11	32.96 -1.35 -0.51	33.65 -1.17 -0.53	36.00 -1.39 -1.82	66.63 -4.33 0.00	55.00 -4.83 45.25	44.04 -4.58 53.18	38.89 -4.02 48.60	45.00 -2.88 12.17	40.12 -2.54 10.20	41.58 -2.86 8.55	41.85 -2.97 10.12	40.09 -2.96 9.84	44.00 -3.04 9.18	52.15 -3.12 0.47	69.28 -3.27 -5.70	50.23 -2.13 -6.01	42.75 -1.94 -6.62	39.88 -1.63 -5.20	37.49 -1.57 -4.91	36.23 -1.22 -3.55	37.11 -1.27 -1.13
OAKDALE__35_KV_LOAD 356122	41.27 0.08 -0.09	37.95 0.34 0.00	35.70 -0.04 -0.21	34.65 -0.10 -0.95	35.31 0.03 -0.99	39.63 0.36 -3.70	70.75 -0.21 0.00	83.31 -0.84 20.93	76.38 -0.81 24.61	68.12 -0.92 22.48	55.31 -0.30 4.44	49.91 -0.26 2.68	49.90 -0.21 2.88	49.64 -0.22 5.09	48.48 -0.21 4.20	52.92 -0.17 3.13	59.62 -0.11 -3.99	79.09 0.60 -11.62	59.07 0.46 -12.26	51.92 0.34 -13.51	47.25 0.33 -10.61	44.38 0.07 -10.16	41.47 -0.10 -7.67	39.73 0.04 -2.44
OCC_CHEM__DRP 24175	37.58 -3.58 -0.05	34.49 -3.12 0.00	32.42 -3.23 -0.13	31.09 -3.28 -0.57	31.90 -2.98 -0.59	34.75 -2.88 -2.06	61.66 -9.30 0.00	64.89 -12.71 27.47	57.19 -12.32 32.29	51.03 -10.98 29.51	45.30 -7.51 7.24	40.28 -6.61 5.97	40.71 -7.15 5.13	41.21 -7.42 6.32	39.56 -7.30 6.03	43.08 -7.70 5.44	49.07 -7.86 -1.18	64.64 -8.69 -6.47	47.47 -5.70 -6.82	40.87 -4.72 -7.52	37.90 -4.32 -5.91	35.73 -4.27 -5.85	35.21 -4.00 -5.31	35.55 -3.39 -1.69
OH_GEN_PROXY 24063	38.11 -3.04 -0.05	35.05 -2.56 0.00	32.84 -2.81 -0.13	31.52 -2.84 -0.56	32.30 -2.57 -0.59	35.07 -2.52 -2.03	62.30 -8.02 0.64	50.89 -10.61 43.58	39.55 -10.28 51.97	39.40 -9.06 43.05	37.47 -6.37 16.21	37.54 -5.55 9.77	38.70 -6.04 8.24	38.81 -6.21 9.93	37.13 -6.19 9.58	40.95 -6.41 8.86	49.00 -6.58 0.17	66.00 -7.22 -6.36	48.38 -4.68 -6.71	41.39 -4.07 -7.39	38.60 -3.52 -5.81	36.02 -3.58 -5.46	34.90 -2.92 -3.92	35.66 -2.83 -1.25
OLIN_CORP_DRP 24177	37.58 -3.58 -0.05	34.72 -2.90 0.00	32.38 -3.27 -0.13	31.06 -3.31 -0.57	31.87 -3.02 -0.60	34.87 -2.77 -2.07	62.09 -8.87 0.00	65.43 -12.40 27.25	57.75 -12.01 32.04	51.45 -10.80 29.27	45.50 -7.39 7.16	40.48 -6.50 5.88	40.88 -7.05 5.06	41.42 -7.25 6.27	39.78 -7.14 5.98	43.37 -7.48 5.37	49.39 -7.58 -1.23	65.06 -8.29 -6.49	47.77 -5.42 -6.85	41.12 -4.49 -7.55	38.17 -4.07 -5.93	35.94 -4.10 -5.89	35.35 -3.86 -5.32	35.66 -3.28 -1.69

OLIN_CORP_DSASP 323712	37.54 -3.62 -0.05	34.49 -3.12 0.00	32.42 -3.23 -0.13	31.09 -3.28 -0.57	31.90 -2.98 -0.59	34.54 -3.10 -2.06	61.67 -9.29 0.00	46.61 -12.72 45.75	35.70 -12.32 53.78	31.48 -10.89 49.14	40.14 -7.57 12.34	35.86 -6.61 10.39	37.13 -7.15 8.70	37.27 -7.42 10.26	35.55 -7.35 9.99	39.20 -7.70 9.32	47.48 -7.92 0.35	64.50 -8.83 -6.47	47.38 -5.80 -6.82	40.60 -4.99 -7.52	37.86 -4.36 -5.91	35.16 -4.34 -5.36	34.32 -3.56 -3.97	35.12 -3.39 -1.27
ONEIDA_HERK_LFGE 323681	41.89 0.78 -0.01	38.36 0.75 0.00	36.26 0.71 -0.03	34.56 0.61 -0.15	35.06 0.62 -0.16	36.35 0.78 0.00	72.52 1.56 0.00	92.95 2.52 14.65	86.82 2.24 17.22	77.43 1.65 15.73	57.21 1.14 3.97	50.46 0.95 3.35	51.25 1.00 2.74	53.00 1.21 3.16	51.01 1.22 3.11	54.62 1.41 3.00	57.38 1.67 0.04	69.00 2.14 0.00	47.74 1.39 0.00	39.21 1.14 0.00	37.33 1.02 0.00	35.39 0.85 -0.39	35.64 0.68 -1.06	38.21 0.63 -0.34
ONEIDA___115KV_TB4 55905	42.19 1.07 -0.02	38.66 1.05 0.00	36.50 0.92 -0.06	34.91 0.84 -0.26	35.48 0.93 -0.27	37.55 1.14 -0.84	73.16 2.20 0.00	94.27 3.47 14.28	88.17 3.16 16.79	78.64 2.47 15.34	58.02 1.74 3.77	51.29 1.53 3.10	51.87 1.54 2.65	53.28 1.59 3.26	51.42 1.64 3.12	55.24 1.86 2.83	58.67 2.12 -0.81	72.24 2.74 -2.64	50.94 1.81 -2.78	42.58 1.45 -3.06	40.06 1.34 -2.41	37.84 1.09 -2.60	37.30 0.88 -2.51	38.98 0.93 -0.80
ONONDAGA_REF_OCCRA 23987	40.57 -0.58 -0.04	37.12 -0.49 0.00	35.06 -0.57 -0.11	33.69 -0.57 -0.47	34.33 -0.45 -0.49	36.84 -0.39 -1.66	69.68 -1.28 0.00	77.63 -2.10 25.35	69.97 -2.04 29.79	62.46 -1.83 27.22	52.30 -1.08 6.67	46.43 -0.95 5.48	47.43 -0.85 4.70	48.26 -0.88 5.80	46.56 -0.79 5.54	50.37 -0.84 5.01	56.69 -0.78 -1.73	71.81 -0.27 -5.22	51.71 -0.14 -5.50	43.98 -0.15 -6.06	40.89 -0.18 -4.76	38.88 -0.24 -4.97	37.98 -0.44 -4.52	38.24 -0.45 -1.44
ONONDAGA___COGEN 23986	40.61 -0.53 -0.04	37.12 -0.49 0.00	35.09 -0.53 -0.10	33.71 -0.54 -0.45	34.35 -0.41 -0.47	36.79 -0.39 -1.61	69.68 -1.28 0.00	76.47 -2.00 26.61	68.49 -2.04 31.28	61.20 -1.74 28.58	51.89 -1.08 7.08	46.08 -0.90 5.88	47.19 -0.79 5.00	48.05 -0.82 6.07	46.26 -0.79 5.84	50.05 -0.84 5.32	56.95 -0.78 -1.99	71.63 -0.27 -5.04	51.52 -0.14 -5.31	43.81 -0.11 -5.85	40.73 -0.18 -4.60	38.74 -0.24 -4.83	37.94 -0.41 -4.45	38.25 -0.41 -1.42
ONTARIO___LFGE 23819	40.99 -0.16 -0.05	37.65 0.04 0.00	35.36 -0.29 -0.13	33.99 -0.37 -0.56	34.73 -0.14 -0.58	37.73 0.14 -2.01	69.75 -1.21 0.00	60.18 -1.26 43.65	49.07 -1.43 51.30	43.08 -1.56 46.88	47.41 -1.02 11.62	42.28 -0.95 9.63	44.00 -0.85 8.13	44.21 -0.93 9.80	42.76 -0.69 9.45	46.64 -0.84 8.74	55.42 -0.61 -0.28	73.31 0.13 -6.32	53.25 0.23 -6.66	45.53 0.11 -7.34	42.23 0.15 -5.77	39.54 -0.03 -5.43	37.66 -0.14 -3.89	38.34 -0.15 -1.24
ORANGEVILLE_WT_PWR 323706	39.39 -1.77 -0.06	36.60 -1.01 0.00	33.75 -1.92 -0.14	32.45 -1.99 -0.64	33.24 -1.71 -0.67	36.74 -1.17 -2.35	65.99 -4.97 0.00	53.75 -7.77 43.56	42.86 -7.74 51.20	37.50 -7.23 46.78	43.60 -4.92 11.53	38.97 -4.39 9.51	40.20 -4.72 8.07	40.29 -4.84 9.82	38.71 -4.76 9.43	42.72 -4.83 8.66	51.39 -4.63 -0.27	69.94 -4.28 -7.36	51.47 -2.64 -7.76	44.23 -2.40 -8.55	41.11 -1.93 -6.72	37.85 -2.46 -6.16	36.28 -2.07 -4.45	36.72 -1.94 -1.42
ORANGEVILLE___ESR 323794	39.39 -1.77 -0.06	36.60 -1.01 0.00	33.75 -1.92 -0.14	32.45 -1.99 -0.64	33.24 -1.71 -0.67	36.74 -1.17 -2.35	65.99 -4.97 0.00	53.75 -7.77 43.56	42.86 -7.74 51.20	37.50 -7.23 46.78	43.60 -4.92 11.53	38.97 -4.39 9.51	40.20 -4.72 8.07	40.29 -4.84 9.82	38.71 -4.76 9.43	42.72 -4.83 8.66	51.39 -4.63 -0.27	69.94 -4.28 -7.36	51.47 -2.64 -7.76	44.23 -2.40 -8.55	41.11 -1.93 -6.72	37.85 -2.46 -6.16	36.28 -2.07 -4.45	36.72 -1.94 -1.42
OSWEGATCHIE___HYD 24044	40.78 -0.33 -0.01	37.27 -0.34 0.00	35.34 -0.21 -0.03	33.69 -0.23 -0.13	34.04 -0.38 -0.13	35.00 -0.57 0.00	70.32 -0.64 0.00	90.73 -0.84 13.51	84.70 -1.22 15.88	75.72 -1.28 14.51	55.16 -1.20 3.69	48.62 -1.11 3.12	49.37 -1.06 2.55	51.15 -0.88 2.91	49.17 -0.85 2.88	52.64 -0.79 2.79	55.19 -0.67 -0.11	66.32 -0.54 0.00	45.89 -0.46 0.00	37.73 -0.34 0.00	35.99 -0.33 0.00	34.31 -0.17 -0.33	34.50 -0.31 -0.90	37.12 -0.41 -0.29
OSWEGO___5 23606	39.90 -1.23 -0.04	36.52 -1.09 0.00	34.54 -1.06 -0.09	33.13 -1.05 -0.38	33.69 -1.00 -0.39	35.89 -1.00 -1.31	68.47 -2.49 0.00	51.80 -3.89 49.40	39.97 -3.76 58.06	35.08 -3.38 53.05	44.23 -2.10 13.71	39.14 -1.85 11.87	41.40 -1.86 9.73	42.09 -1.92 10.93	40.21 -1.80 10.89	43.89 -1.91 10.42	57.40 -1.90 -3.55	69.17 -1.80 -4.11	49.48 -1.21 -4.34	41.82 -1.03 -4.78	39.09 -0.98 -3.75	36.80 -0.92 -3.57	35.59 -0.95 -2.64	37.04 -1.04 -0.84
OSWEGO___6 23613	39.90 -1.23 -0.04	36.52 -1.09 0.00	34.54 -1.06 -0.09	33.13 -1.05 -0.38	33.69 -1.00 -0.39	35.89 -1.00 -1.31	68.47 -2.49 0.00	51.80 -3.89 49.40	39.97 -3.76 58.06	35.08 -3.38 53.05	44.23 -2.10 13.71	39.14 -1.85 11.87	41.40 -1.86 9.73	42.09 -1.92 10.93	40.21 -1.80 10.89	43.89 -1.91 10.42	57.40 -1.90 -3.55	69.17 -1.80 -4.11	49.48 -1.21 -4.34	41.82 -1.03 -4.78	39.09 -0.98 -3.75	36.80 -0.92 -3.57	35.59 -0.95 -2.64	37.04 -1.04 -0.84
OUTOKUMPU-AB___DRP 24206	38.52 -2.63 -0.05	35.66 -1.96 0.00	33.09 -2.56 -0.13	31.74 -2.64 -0.57	32.59 -2.30 -0.60	35.77 -1.89 -2.08	63.93 -7.02 0.00	67.82 -10.09 27.18	60.18 -9.67 31.95	53.54 -8.79 29.19	46.91 -6.00 7.13	41.73 -5.29 5.84	42.07 -5.88 5.04	42.59 -6.10 6.26	40.91 -6.03 5.95	44.35 -6.52 5.34	50.42 -6.58 -1.25	66.63 -6.75 -6.52	48.83 -4.40 -6.88	41.96 -3.69 -7.58	39.00 -3.27 -5.96	36.65 -3.41 -5.92	36.08 -3.15 -5.33	36.37 -2.57 -1.70
OXBOW___ 24026	38.16 -3.00 -0.05	35.17 -2.44 0.00	32.84 -2.81 -0.13	31.50 -2.87 -0.57	32.31 -2.57 -0.60	35.15 -2.49 -2.07	62.94 -8.02 0.00	48.36 -11.14 45.58	37.54 -10.69 53.58	33.04 -9.52 48.95	41.10 -6.67 12.28	36.78 -5.76 10.32	37.92 -6.41 8.65	38.13 -6.60 10.22	36.34 -6.61 9.95	39.98 -6.97 9.26	48.29 -7.14 0.32	65.67 -7.69 -6.50	48.15 -5.05 -6.85	41.28 -4.34 -7.55	38.50 -3.74 -5.93	35.71 -3.82 -5.39	34.81 -3.08 -3.99	35.61 -2.91 -1.27
OXY_CHEM_DSASP 323612	37.58 -3.58 -0.05	34.49 -3.12 0.00	32.42 -3.23 -0.13	31.09 -3.28 -0.57	31.90 -2.98 -0.59	34.75 -2.88 -2.06	61.66 -9.30 0.00	64.89 -12.71 27.47	57.19 -12.32 32.29	51.03 -10.98 29.51	45.30 -7.51 7.24	40.28 -6.61 5.97	40.71 -7.15 5.13	41.21 -7.42 6.32	39.56 -7.30 6.03	43.08 -7.70 5.44	49.07 -7.86 -1.18	64.64 -8.69 -6.47	47.47 -5.70 -6.82	40.87 -4.72 -7.52	37.90 -4.32 -5.91	35.73 -4.27 -5.85	35.21 -4.00 -5.31	35.55 -3.39 -1.69
OZONE_PARK_ESR 323760	44.52 3.21 -0.21	40.47 2.86 0.00	38.72 2.70 -0.50	38.51 2.50 -2.21	39.16 2.57 -2.30	46.07 2.63 -7.87	75.43 4.47 0.00	103.51 6.30 7.87	99.16 6.62 9.26	89.01 5.95 8.46	66.76 4.80 -1.91	63.16 4.28 -6.02	62.90 4.34 -5.57	62.91 4.56 -3.40	62.09 4.39 -4.80	63.01 4.61 -2.18	69.40 4.63 -9.03	97.43 5.88 -24.69	76.32 3.94 -26.03	69.80 3.05 -28.69	61.83 2.98 -22.54	58.50 2.90 -21.46	52.49 2.75 -15.84	45.46 3.17 -5.05

PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	37.58 -3.58 -0.05	34.49 -3.12 0.00	32.42 -3.23 -0.13	31.09 -3.28 -0.57	31.90 -2.98 -0.59	34.75 -2.88 -2.06	61.66 -9.30 0.00	64.89 -12.71 27.47	57.19 -12.32 32.29	51.03 -10.98 29.51	45.30 -7.51 7.24	40.28 -6.61 5.97	40.71 -7.15 5.13	41.21 -7.42 6.32	39.56 -7.30 6.03	43.08 -7.70 5.44	49.07 -7.86 -1.18	64.64 -8.69 -6.47	47.47 -5.70 -6.82	40.87 -4.72 -7.52	37.90 -4.32 -5.91	35.73 -4.27 -5.85	35.21 -4.00 -5.31	35.55 -3.39 -1.69
PACKARD__115KV_DUPONT_184 80571	37.58 -3.58 -0.05	34.49 -3.12 0.00	32.42 -3.23 -0.13	31.09 -3.28 -0.57	31.90 -2.98 -0.59	34.75 -2.88 -2.06	61.66 -9.30 0.00	64.89 -12.71 27.47	57.19 -12.32 32.29	51.03 -10.98 29.51	45.30 -7.51 7.24	40.28 -6.61 5.97	40.71 -7.15 5.13	41.21 -7.42 6.32	39.56 -7.30 6.03	43.08 -7.70 5.44	49.07 -7.86 -1.18	64.64 -8.69 -6.47	47.47 -5.70 -6.82	40.87 -4.72 -7.52	37.90 -4.32 -5.91	35.73 -4.27 -5.85	35.21 -4.00 -5.31	35.55 -3.39 -1.69
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	44.65 3.33 -0.22	40.63 3.01 -0.01	38.83 2.81 -0.51	38.69 2.67 -2.22	39.31 2.71 -2.31	46.04 2.60 -7.87	74.65 3.69 0.00	101.83 4.62 7.87	97.43 4.89 9.26	87.54 4.48 8.46	65.92 3.96 -1.91	62.42 3.54 -6.02	62.21 3.66 -5.57	62.19 3.85 -3.40	61.39 3.70 -4.79	62.22 3.82 -2.18	68.56 3.79 -9.03	96.36 4.81 -24.69	75.54 3.15 -26.03	69.16 2.40 -28.69	61.25 2.40 -22.54	58.13 2.53 -21.46	52.45 2.71 -15.84	45.54 3.24 -5.05
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	45.22 3.90 -0.22	41.19 3.57 -0.01	39.37 3.34 -0.51	39.16 3.14 -2.22	39.82 3.22 -2.31	46.50 3.06 -7.87	75.57 4.61 0.00	103.30 6.09 7.87	98.75 6.21 9.26	88.73 5.67 8.46	66.64 4.68 -1.91	63.05 4.18 -6.02	62.85 4.29 -5.57	62.79 4.45 -3.40	61.97 4.28 -4.79	62.89 4.50 -2.18	69.23 4.46 -9.03	97.23 5.68 -24.69	76.14 3.75 -26.03	69.61 2.86 -28.69	61.72 2.87 -22.54	58.57 2.97 -21.46	52.89 3.15 -15.84	46.02 3.72 -5.05
PATROON__115KV_TB1 80586	43.37 2.01 -0.26	39.53 1.92 0.00	37.90 1.78 -0.61	38.15 1.66 -2.69	38.77 1.68 -2.80	53.90 1.78 -16.55	73.87 2.91 0.00	102.02 3.57 6.64	97.46 3.46 7.80	87.31 2.93 7.13	66.38 3.12 -3.21	63.13 2.75 -7.53	60.74 2.70 -5.05	57.96 2.80 -0.22	58.40 2.70 -2.80	62.37 2.81 -3.34	77.63 2.68 -19.21	121.79 3.01 -51.92	103.19 2.09 -54.75	100.20 1.79 -60.34	85.46 1.74 -47.41	75.61 1.60 -39.86	54.71 1.66 -19.15	45.21 1.86 -6.10
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	38.90 -2.26 -0.06	37.20 -0.41 0.00	32.92 -2.74 -0.13	31.63 -2.77 -0.60	32.44 -2.47 -0.62	37.32 -0.43 -2.17	67.06 -3.90 0.00	69.17 -9.14 26.77	61.38 -8.96 31.46	54.07 -8.69 28.75	47.45 -5.64 6.96	42.15 -5.07 5.64	42.74 -5.35 4.89	43.27 -5.49 6.18	41.66 -5.40 5.84	45.45 -5.57 5.20	52.04 -5.13 -1.42	70.20 -3.48 -6.81	51.36 -2.18 -7.19	44.09 -1.90 -7.92	40.90 -1.63 -6.22	37.21 -3.11 -6.17	36.16 -3.22 -5.48	36.20 -2.79 -1.74
PAWLING_115_KV_BK3_REV_LBMP_H 345028	44.44 3.12 -0.21	40.47 2.86 0.00	38.62 2.59 -0.50	38.56 2.53 -2.23	39.11 2.50 -2.32	46.11 2.60 -7.94	75.71 4.75 0.00	103.86 6.62 7.85	99.40 6.82 9.22	89.77 6.68 8.43	67.22 5.22 -1.95	63.06 4.49 -5.71	61.72 4.50 -4.23	60.38 4.67 -0.76	60.11 4.55 -2.66	62.98 4.55 -2.21	69.43 4.57 -9.11	97.73 5.95 -24.92	76.62 3.99 -26.28	70.15 3.12 -28.96	62.12 3.05 -22.75	58.62 2.83 -21.64	52.41 2.58 -15.93	45.23 2.91 -5.08
PEEKSKILL____ 23653	44.02 2.71 -0.21	40.09 2.48 0.00	38.29 2.28 -0.50	38.17 2.17 -2.21	38.78 2.20 -2.30	45.70 2.28 -7.85	74.79 3.83 0.00	96.92 5.25 13.41	91.63 5.60 15.77	82.14 5.03 14.41	64.61 4.20 -0.36	61.26 3.70 -4.70	61.36 3.76 -4.61	61.31 3.90 -2.46	60.45 3.76 -3.79	61.21 3.99 -1.00	68.32 4.02 -8.55	96.58 5.08 -24.64	75.77 3.43 -25.99	69.45 2.74 -28.64	61.39 2.58 -22.50	57.88 2.46 -21.27	51.65 2.34 -15.41	44.80 2.64 -4.91
PGE MADISON__WINDPWR 24146	45.34 4.15 -0.09	41.79 4.17 0.00	39.38 3.66 -0.20	38.09 3.38 -0.91	38.80 3.57 -0.95	43.75 4.16 -4.01	79.47 8.51 0.00	83.19 12.50 34.39	73.28 11.90 40.43	64.64 10.07 36.94	58.39 6.61 8.26	52.73 5.92 6.05	53.57 6.14 5.56	53.09 6.10 7.95	51.80 6.03 7.12	56.69 6.52 6.05	66.41 7.42 -3.24	89.55 10.10 -12.59	66.31 6.68 -13.28	58.15 5.44 -14.63	52.79 4.98 -11.50	48.50 4.06 -10.29	43.84 3.59 -6.35	42.95 3.69 -2.02
PIERCEFIELD__HYD 23852	41.39 0.29 -0.01	37.84 0.23 0.00	35.86 0.32 -0.02	34.17 0.30 -0.07	34.43 0.07 -0.07	35.25 -0.32 0.00	71.31 0.35 0.00	101.18 0.53 4.43	96.80 0.20 5.20	87.13 0.37 4.75	58.38 -0.48 1.19	51.45 -0.42 0.99	51.80 -0.37 0.81	53.66 -0.33 0.95	51.60 -0.37 0.93	54.93 -0.39 0.90	55.30 -0.45 0.00	66.26 -0.60 0.00	45.93 -0.42 0.00	37.73 -0.34 0.00	36.06 -0.25 0.00	34.51 0.10 -0.26	34.77 0.17 -0.70	37.58 0.11 -0.22
PINELAWN_CC_1 323563	45.60 4.27 -0.22	41.57 3.95 -0.01	39.69 3.66 -0.51	39.47 3.45 -2.22	40.13 3.53 -2.31	58.76 3.70 -19.49	86.49 6.88 -8.66	101.36 9.66 13.39	95.74 9.68 15.74	94.95 8.51 5.07	74.42 6.55 -7.83	69.48 5.76 -10.85	69.43 5.83 -10.62	67.51 6.04 -6.52	65.74 5.92 -6.91	71.96 6.35 -9.39	98.57 6.35 -36.48	131.09 7.75 -56.47	117.23 5.33 -65.55	106.27 4.34 -63.87	100.31 4.14 -59.86	96.44 3.93 -58.37	63.16 3.80 -25.47	52.24 4.10 -10.89
PJM_GEN_HTP_PROXY 323702	44.14 2.83 -0.21	40.17 2.56 0.00	38.40 2.38 -0.50	38.28 2.26 -2.21	38.89 2.30 -2.30	45.79 2.35 -7.87	74.22 3.90 0.64	97.68 5.36 12.76	91.75 5.70 15.75	86.77 5.21 9.95	60.24 4.26 4.07	61.35 3.81 -4.68	61.35 3.87 -4.50	61.23 4.07 -2.22	60.42 3.91 -3.61	61.33 4.10 -1.01	68.50 4.18 -8.57	96.76 5.22 -24.68	75.86 3.48 -26.03	69.53 2.78 -28.69	61.47 2.62 -22.54	58.02 2.56 -21.31	51.78 2.44 -15.44	44.96 2.79 -4.92
PJM_GEN_KEystone 24065	41.40 0.17 -0.14	38.06 0.45 0.00	35.78 -0.07 -0.33	35.11 -0.13 -1.44	35.82 0.03 -1.50	41.09 0.36 -5.16	69.47 -0.85 0.64	76.89 -1.79 26.40	68.38 -1.63 31.79	58.26 -1.64 31.61	49.85 -0.66 9.54	49.50 -0.58 2.78	47.70 -0.63 4.65	44.60 -0.66 9.69	44.61 -0.69 7.60	44.89 -0.67 10.65	56.20 -0.61 -1.07	80.02 0.00 -13.16	63.48 0.05 -17.09	56.82 -0.08 -18.83	51.18 0.07 -14.79	47.84 -0.24 -13.93	43.86 -0.10 -10.06	40.53 0.07 -3.21
PJM_GEN_NEPTUNE_PROXY 323594	44.85 3.54 -0.22	40.89 3.27 -0.01	39.08 3.06 -0.51	38.89 2.87 -2.22	39.55 2.95 -2.31	55.83 3.02 -17.24	84.44 5.46 -8.02	99.90 7.57 12.75	93.70 7.64 15.74	95.94 6.87 2.44	67.40 5.41 -1.95	67.33 4.81 -9.66	67.29 4.87 -9.43	65.69 5.05 -5.69	64.73 4.92 -6.91	70.89 5.28 -9.39	91.94 5.13 -31.07	123.39 6.22 -50.31	108.50 4.26 -57.89	98.58 3.46 -57.04	92.27 3.34 -52.62	88.55 3.21 -51.19	62.48 3.12 -25.47	50.41 3.42 -9.74
PJM_GEN_VFT_PROXY 323633	43.98 2.67 -0.21	40.02 2.41 0.00	38.26 2.24 -0.50	38.11 2.10 -2.21	38.75 2.16 -2.30	45.61 2.17 -7.87	73.79 3.48 0.64	97.06 4.73 12.76	91.14 5.09 15.75	86.13 4.57 9.95	59.88 3.90 4.07	61.03 3.49 -4.68	61.03 3.55 -4.49	60.90 3.74 -2.22	60.10 3.60 -3.60	60.99 3.77 -1.01	68.16 3.84 -8.57	96.36 4.82 -24.69	75.63 3.24 -26.03	69.31 2.55 -28.69	61.25 2.40 -22.54	57.84 2.39 -21.31	51.61 2.27 -15.44	44.85 2.68 -4.92

PLATSBRG_115KV_PMLD1 355749	42.91 1.81 0.00	39.30 1.69 0.00	37.23 1.70 0.00	34.98 1.18 0.00	35.45 1.17 0.00	36.78 1.21 0.00	74.08 3.12 0.00	106.38 3.05 1.75	102.19 2.44 2.05	93.21 3.57 1.88	61.27 1.74 0.52	53.91 1.53 0.48	53.98 1.38 0.38	56.00 1.43 0.38	53.61 1.11 0.40	57.16 1.35 0.40	57.19 1.45 0.00	68.60 1.74 0.00	47.79 1.44 0.00	39.29 1.22 0.00	37.26 0.94 0.00	35.14 0.89 -0.10	34.96 0.78 -0.28	38.67 1.34 -0.09
PLEASANTVLY___LBMP 24000	43.82 2.51 -0.22	39.91 2.29 0.00	38.17 2.13 -0.52	38.12 2.03 -2.29	38.73 2.06 -2.38	45.84 2.13 -8.14	74.58 3.62 0.00	102.10 4.73 7.71	97.72 4.99 9.07	87.71 4.48 8.28	66.00 3.84 -2.11	62.35 3.38 -6.10	61.35 3.44 -4.92	60.33 3.57 -1.82	59.94 3.44 -3.60	62.23 3.65 -2.36	68.66 3.57 -9.35	96.87 4.48 -25.53	76.29 3.01 -26.93	70.14 2.40 -29.67	61.99 2.36 -23.31	58.59 2.25 -22.19	52.41 2.14 -16.37	44.88 2.42 -5.22
PLSNTVLE_13_KV_13.8KVDIST 80602	44.11 2.79 -0.21	40.13 2.52 0.00	38.37 2.34 -0.50	38.22 2.20 -2.22	38.86 2.26 -2.31	45.82 2.35 -7.90	74.93 3.97 0.00	102.69 5.46 7.86	98.37 5.80 9.23	88.29 5.22 8.44	66.25 4.26 -1.93	62.65 3.81 -5.98	62.17 3.87 -5.31	61.82 4.01 -2.87	61.13 3.86 -4.37	62.52 4.10 -2.20	68.88 4.07 -9.06	96.79 5.15 -24.78	75.96 3.48 -26.14	69.58 2.70 -28.80	61.59 2.65 -22.63	58.21 2.53 -21.54	52.21 2.41 -15.90	45.03 2.72 -5.06
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	44.11 2.79 -0.21	40.13 2.52 0.00	38.37 2.34 -0.50	38.22 2.20 -2.22	38.86 2.26 -2.31	45.82 2.35 -7.90	74.93 3.97 0.00	102.69 5.46 7.86	98.37 5.80 9.23	88.29 5.22 8.44	66.25 4.26 -1.93	62.65 3.81 -5.98	62.17 3.87 -5.31	61.82 4.01 -2.87	61.13 3.86 -4.37	62.52 4.10 -2.20	68.88 4.07 -9.06	96.79 5.15 -24.78	75.96 3.48 -26.14	69.58 2.70 -28.80	61.59 2.65 -22.63	58.21 2.53 -21.54	52.21 2.41 -15.90	45.03 2.72 -5.06
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	44.15 2.84 -0.21	40.21 2.60 0.00	38.41 2.38 -0.51	38.32 2.26 -2.25	38.97 2.33 -2.35	46.14 2.42 -8.14	75.36 3.97 0.00	103.06 5.78 7.80	98.53 5.90 9.17	88.35 5.22 8.38	66.37 4.32 -2.00	62.36 3.81 -5.69	60.74 3.87 -3.89	58.98 4.01 -0.02	58.90 3.91 -2.09	62.58 4.10 -2.26	69.16 4.07 -9.34	97.70 5.28 -25.55	76.82 3.52 -26.95	70.55 2.78 -29.70	62.37 2.72 -23.33	58.77 2.53 -22.09	52.39 2.41 -16.08	45.09 2.72 -5.12
POLETTI____ 23519	44.15 2.84 -0.21	40.17 2.56 0.00	38.44 2.42 -0.50	38.28 2.26 -2.21	38.89 2.30 -2.30	45.75 2.31 -7.87	74.79 3.83 0.00	102.36 5.15 7.87	98.04 5.50 9.26	88.00 4.94 8.46	66.10 4.14 -1.91	62.58 3.70 -6.02	62.37 3.81 -5.57	62.31 3.96 -3.40	61.50 3.81 -4.80	62.44 4.05 -2.18	68.79 4.01 -9.03	96.63 5.08 -24.69	75.77 3.38 -26.03	69.35 2.59 -28.69	61.39 2.54 -22.54	58.13 2.53 -21.46	52.15 2.41 -15.84	45.12 2.83 -5.05
POMONA___ESR 323819	43.52 2.22 -0.20	39.64 2.03 0.00	37.88 1.88 -0.48	37.70 1.79 -2.11	38.34 1.85 -2.20	44.98 1.88 -7.53	74.08 3.12 0.00	95.42 4.09 13.75	89.91 4.27 16.16	80.50 3.75 14.77	63.48 3.36 -0.07	58.16 2.96 -2.34	52.97 3.02 3.03	46.32 3.13 11.76	48.02 3.01 7.89	60.17 3.20 -0.75	67.12 3.23 -8.14	94.63 4.15 -23.62	74.04 2.78 -24.91	67.73 2.21 -27.45	59.99 2.11 -21.57	56.54 2.01 -20.38	50.54 1.90 -14.74	44.10 2.16 -4.70
PORT_JEFF_3 23555	46.21 4.89 -0.22	42.09 4.47 -0.01	40.18 4.15 -0.51	39.91 3.89 -2.22	40.61 4.01 -2.31	58.35 4.23 -18.54	87.63 8.02 -8.66	102.94 11.25 13.39	97.26 11.20 15.74	95.48 9.80 5.83	74.59 7.32 -7.22	69.71 6.50 -10.35	69.62 6.52 -10.12	67.99 6.87 -6.17	66.53 6.72 -6.91	72.86 7.25 -9.39	97.21 7.24 -34.22	129.73 8.96 -53.91	114.88 6.17 -62.36	104.12 5.02 -61.03	97.99 4.83 -56.85	94.06 4.54 -55.37	63.67 4.31 -25.47	52.31 4.66 -10.41
PORT_JEFF_4 23616	46.21 4.89 -0.22	42.09 4.47 -0.01	40.18 4.15 -0.51	39.91 3.89 -2.22	40.61 4.01 -2.31	58.35 4.23 -18.54	87.63 8.02 -8.66	102.94 11.25 13.39	97.26 11.20 15.74	95.48 9.80 5.83	74.59 7.32 -7.22	69.71 6.50 -10.35	69.62 6.52 -10.12	67.99 6.87 -6.17	66.53 6.72 -6.91	72.86 7.25 -9.39	97.21 7.24 -34.22	129.73 8.96 -53.91	114.88 6.17 -62.36	104.12 5.02 -61.03	97.99 4.83 -56.85	94.06 4.54 -55.37	63.67 4.31 -25.47	52.31 4.66 -10.41
PORT_JEFF_IC 23713	46.25 4.93 -0.22	42.13 4.51 -0.01	40.18 4.15 -0.51	39.94 3.92 -2.22	40.64 4.04 -2.31	58.41 4.27 -18.57	87.70 8.09 -8.66	103.05 11.35 13.39	97.46 11.40 15.74	95.59 9.89 5.81	74.67 7.38 -7.24	69.78 6.55 -10.37	69.74 6.62 -10.13	68.05 6.92 -6.18	66.58 6.77 -6.91	72.91 7.30 -9.39	97.39 7.36 -34.29	129.95 9.09 -54.00	115.07 6.25 -62.46	104.29 5.10 -61.12	98.16 4.90 -56.95	94.19 4.58 -55.46	63.74 4.37 -25.47	52.36 4.69 -10.42
PPL PILGRIM_ST_GT1 24216	46.17 4.85 -0.22	42.06 4.44 -0.01	40.15 4.12 -0.51	39.91 3.89 -2.22	40.61 4.01 -2.31	58.46 4.20 -18.69	87.56 7.95 -8.66	102.83 11.13 13.39	97.26 11.20 15.74	95.60 9.80 5.71	74.69 7.32 -7.32	69.84 6.55 -10.43	69.75 6.57 -10.20	68.04 6.87 -6.23	66.48 6.67 -6.91	72.81 7.20 -9.39	97.51 7.19 -34.57	130.06 8.89 -54.31	115.33 6.12 -62.86	104.49 4.95 -61.47	98.38 4.76 -57.32	94.46 4.47 -55.84	63.67 4.31 -25.47	52.35 4.62 -10.49
PPL PILGRIM_ST_GT2 24217	46.17 4.85 -0.22	42.06 4.44 -0.01	40.15 4.12 -0.51	39.91 3.89 -2.22	40.61 4.01 -2.31	58.46 4.20 -18.69	87.56 7.95 -8.66	102.83 11.13 13.39	97.26 11.20 15.74	95.60 9.80 5.71	74.69 7.32 -7.32	69.84 6.55 -10.43	69.75 6.57 -10.20	68.04 6.87 -6.23	66.48 6.67 -6.91	72.81 7.20 -9.39	97.51 7.19 -34.57	130.06 8.89 -54.31	115.33 6.12 -62.86	104.49 4.95 -61.47	98.38 4.76 -57.32	94.46 4.47 -55.84	63.67 4.31 -25.47	52.35 4.62 -10.49
PPL_SHRM_GT3 24213	46.66 5.34 -0.22	42.51 4.89 -0.01	40.58 4.55 -0.51	40.28 4.26 -2.22	41.02 4.42 -2.31	58.78 4.66 -18.55	88.55 8.94 -8.66	104.19 12.50 13.39	98.48 12.42 15.74	96.30 10.61 5.82	75.20 7.93 -7.23	70.25 7.03 -10.36	70.16 7.05 -10.12	68.54 7.41 -6.18	67.06 7.25 -6.91	73.48 7.87 -9.39	97.29 7.30 -34.24	129.82 9.02 -53.94	115.05 6.30 -62.40	104.76 5.63 -61.06	98.61 5.41 -56.88	94.57 5.02 -55.40	64.08 4.71 -25.47	52.72 5.06 -10.41
PPL_SHRM_GT4 24214	46.66 5.34 -0.22	42.51 4.89 -0.01	40.58 4.55 -0.51	40.28 4.26 -2.22	41.02 4.42 -2.31	58.78 4.66 -18.55	88.55 8.94 -8.66	104.19 12.50 13.39	98.48 12.42 15.74	96.30 10.61 5.82	75.20 7.93 -7.23	70.25 7.03 -10.36	70.16 7.05 -10.12	68.54 7.41 -6.18	67.06 7.25 -6.91	73.48 7.87 -9.39	97.29 7.30 -34.24	129.82 9.02 -53.94	115.05 6.30 -62.40	104.76 5.63 -61.06	98.61 5.41 -56.88	94.57 5.02 -55.40	64.08 4.71 -25.47	52.72 5.06 -10.41
PROJECT___ORANGE 1 24174	40.28 -0.86 -0.04	36.86 -0.75 0.00	34.83 -0.78 -0.10	33.44 -0.78 -0.42	34.04 -0.69 -0.44	36.40 -0.64 -1.47	69.11 -1.84 0.00	76.90 -2.94 25.24	69.28 -2.85 29.67	61.84 -2.56 27.11	51.76 -1.56 6.73	45.93 -1.32 5.61	46.95 -1.27 4.77	47.87 -1.32 5.76	46.13 -1.22 5.55	49.85 -1.29 5.07	55.85 -1.28 -1.38	70.61 -0.87 -4.62	50.67 -0.56 -4.87	42.98 -0.46 -5.37	40.06 -0.47 -4.22	38.11 -0.51 -4.47	37.42 -0.68 -4.20	37.87 -0.71 -1.34

PROJECT___ORANGE 2 24166	40.28 -0.86 -0.04	36.86 -0.75 0.00	34.83 -0.78 -0.10	33.44 -0.78 -0.42	34.04 -0.69 -0.44	36.40 -0.64 -1.47	69.11 -1.84 0.00	76.90 -2.94 25.24	69.28 -2.85 29.67	61.84 -2.56 27.11	51.76 -1.56 6.73	45.93 -1.32 5.61	46.95 -1.27 4.77	47.87 -1.32 5.76	46.13 -1.22 5.55	49.85 -1.29 5.07	55.85 -1.28 -1.38	70.61 -0.87 -4.62	50.67 -0.56 -4.87	42.98 -0.46 -5.37	40.06 -0.47 -4.22	38.11 -0.51 -4.47	37.42 -0.68 -4.20	37.87 -0.71 -1.34
PUCKETT___SOLAR 323809	42.42 1.23 -0.09	38.96 1.35 0.00	36.70 0.96 -0.22	35.61 0.85 -0.97	36.29 0.99 -1.01	40.92 1.39 -3.96	73.23 2.27 0.00	73.81 3.05 34.32	64.30 2.85 40.35	56.84 2.19 36.86	53.54 1.62 8.13	48.39 1.37 5.84	49.02 1.48 5.45	48.45 1.48 7.98	47.36 1.54 7.08	51.97 1.68 5.93	60.84 1.95 -3.15	82.37 3.08 -12.43	61.59 2.13 -13.11	54.23 1.71 -14.44	49.26 1.60 -11.35	45.60 1.13 -10.33	41.64 0.98 -6.75	40.44 1.04 -2.15
PYRITES___HYD 24023	42.17 1.07 -0.01	38.59 0.98 0.00	36.57 1.03 -0.01	34.85 0.98 -0.07	35.14 0.79 -0.07	36.14 0.57 0.00	73.37 2.41 0.00	104.64 3.68 4.12	100.32 3.36 4.84	90.30 3.20 4.42	60.15 1.20 1.10	53.00 1.06 0.92	53.45 1.22 0.76	55.38 1.32 0.89	53.30 1.27 0.87	56.68 1.29 0.83	56.97 1.23 0.00	68.40 1.54 0.00	47.32 0.97 0.00	38.91 0.84 0.00	37.11 0.80 0.00	35.34 0.96 -0.24	35.46 0.92 -0.65	38.34 0.89 -0.21
QUAKERRD_115KV_BK1 80622	38.97 -2.18 -0.05	35.47 -2.14 0.00	33.75 -1.88 -0.11	32.37 -1.93 -0.50	33.06 -1.75 -0.52	35.40 -1.96 -1.78	65.85 -5.11 0.00	72.26 -6.41 26.42	64.54 -6.21 31.05	57.65 -5.49 28.37	49.40 -3.72 6.93	43.92 -3.28 5.67	44.56 -3.55 4.88	45.20 -3.68 6.06	43.53 -3.60 5.77	47.31 -3.71 5.19	53.12 -3.73 -1.11	68.44 -4.01 -5.59	49.55 -2.69 -5.89	42.32 -2.25 -6.49	39.27 -2.14 -5.10	37.47 -2.01 -5.34	36.76 -2.00 -4.86	36.86 -1.94 -1.55
QUENSBRY_115KV_TB8 356137	43.91 2.55 -0.26	40.09 2.48 0.00	38.45 2.31 -0.62	38.74 2.20 -2.75	39.48 2.33 -2.86	59.47 2.60 -21.30	75.43 4.47 0.00	105.05 6.52 6.55	100.11 6.01 7.70	88.42 3.94 7.03	67.18 3.78 -3.35	63.77 3.17 -7.73	61.07 2.91 -5.17	57.95 2.80 -0.20	58.56 2.80 -2.86	62.77 3.09 -3.46	83.91 3.40 -24.77	137.71 4.01 -66.83	119.71 2.87 -70.48	117.99 2.25 -77.67	99.41 2.07 -61.03	85.40 1.84 -49.41	55.09 1.66 -19.53	45.22 1.75 -6.22
RAMAPO___LBMP 323565	43.40 2.10 -0.20	39.53 1.92 0.00	37.77 1.78 -0.47	37.59 1.69 -2.10	38.23 1.75 -2.19	44.84 1.78 -7.49	73.80 2.84 0.00	100.77 3.78 8.10	96.25 3.97 9.52	86.20 3.39 8.70	64.81 3.12 -1.63	59.32 2.75 -3.71	53.98 2.81 1.82	47.56 2.91 10.30	49.22 2.80 6.48	61.13 2.98 -1.93	67.28 2.95 -8.58	94.17 3.81 -23.50	73.69 2.55 -24.78	67.36 1.98 -27.31	59.73 1.96 -21.46	56.46 1.88 -20.43	50.79 1.80 -15.09	44.10 2.05 -4.81
RANKINE____ 23646	38.94 -2.22 -0.06	36.41 -1.20 0.00	33.31 -2.34 -0.13	31.96 -2.43 -0.59	32.78 -2.13 -0.62	36.55 -1.17 -2.15	65.49 -5.46 0.00	69.26 -8.93 26.89	61.54 -8.65 31.61	54.58 -8.05 28.88	47.64 -5.40 7.01	42.35 -4.81 5.70	42.75 -5.30 4.93	43.30 -5.44 6.20	41.63 -5.40 5.87	45.41 -5.57 5.24	51.66 -5.46 -1.38	68.66 -4.95 -6.75	50.37 -3.11 -7.12	43.25 -2.66 -7.85	40.12 -2.36 -6.17	37.26 -3.00 -6.11	36.43 -2.92 -5.44	36.60 -2.38 -1.73
RAVENSWOOD_GT2_1 24244	44.23 2.92 -0.21	40.24 2.63 0.00	38.47 2.45 -0.50	38.31 2.30 -2.21	38.96 2.37 -2.30	45.82 2.38 -7.87	74.86 3.90 0.00	102.67 5.46 7.87	98.25 5.70 9.26	88.27 5.22 8.46	66.28 4.32 -1.91	62.74 3.86 -6.02	62.47 3.92 -5.57	62.41 4.07 -3.40	61.60 3.91 -4.79	62.56 4.16 -2.18	68.90 4.13 -9.03	96.76 5.22 -24.69	75.86 3.48 -26.03	69.46 2.70 -28.69	61.50 2.65 -22.54	58.20 2.60 -21.46	52.21 2.47 -15.84	45.16 2.87 -5.05
RAVENSWOOD_GT2_2 24245	44.23 2.92 -0.21	40.24 2.63 0.00	38.47 2.45 -0.50	38.31 2.30 -2.21	38.96 2.37 -2.30	45.82 2.38 -7.87	74.86 3.90 0.00	102.67 5.46 7.87	98.25 5.70 9.26	88.27 5.22 8.46	66.28 4.32 -1.91	62.74 3.86 -6.02	62.47 3.92 -5.57	62.41 4.07 -3.40	61.60 3.91 -4.79	62.56 4.16 -2.18	68.90 4.13 -9.03	96.76 5.22 -24.69	75.86 3.48 -26.03	69.46 2.70 -28.69	61.50 2.65 -22.54	58.20 2.60 -21.46	52.21 2.47 -15.84	45.16 2.87 -5.05
RAVENSWOOD_GT2_3 24246	44.23 2.92 -0.21	40.24 2.63 0.00	38.51 2.49 -0.50	38.34 2.33 -2.21	38.99 2.40 -2.30	45.86 2.42 -7.87	74.93 3.97 0.00	102.67 5.46 7.87	98.35 5.80 9.26	88.27 5.22 8.46	66.28 4.32 -1.91	62.74 3.86 -6.02	62.53 3.97 -5.57	62.47 4.12 -3.40	61.66 3.97 -4.79	62.56 4.16 -2.18	68.90 4.13 -9.03	96.83 5.28 -24.69	75.91 3.52 -26.03	69.46 2.70 -28.69	61.50 2.65 -22.54	58.23 2.63 -21.46	52.25 2.51 -15.84	45.20 2.91 -5.05
RAVENSWOOD_GT2_4 24247	44.23 2.92 -0.21	40.24 2.63 0.00	38.51 2.49 -0.50	38.34 2.33 -2.21	38.99 2.40 -2.30	45.86 2.42 -7.87	74.93 3.97 0.00	102.67 5.46 7.87	98.35 5.80 9.26	88.27 5.22 8.46	66.28 4.32 -1.91	62.74 3.86 -6.02	62.53 3.97 -5.57	62.47 4.12 -3.40	61.66 3.97 -4.79	62.56 4.16 -2.18	68.90 4.13 -9.03	96.83 5.28 -24.69	75.91 3.52 -26.03	69.46 2.70 -28.69	61.50 2.65 -22.54	58.23 2.63 -21.46	52.25 2.51 -15.84	45.20 2.91 -5.05
RAVENSWOOD_GT3_1 24248	44.23 2.92 -0.21	40.24 2.63 0.00	38.47 2.45 -0.50	38.31 2.30 -2.21	38.96 2.37 -2.30	45.82 2.38 -7.87	74.86 3.90 0.00	102.67 5.46 7.87	98.25 5.70 9.26	88.27 5.22 8.46	66.28 4.32 -1.91	62.74 3.86 -6.02	62.47 3.92 -5.57	62.47 4.12 -3.40	61.66 3.97 -4.79	62.56 4.16 -2.18	68.90 4.13 -9.03	96.76 5.22 -24.69	75.91 3.52 -26.03	69.46 2.70 -28.69	61.50 2.65 -22.54	58.20 2.60 -21.46	52.25 2.51 -15.84	45.16 2.87 -5.05
RAVENSWOOD_GT3_2 24249	44.23 2.92 -0.21	40.24 2.63 0.00	38.47 2.45 -0.50	38.31 2.30 -2.21	38.96 2.37 -2.30	45.82 2.38 -7.87	74.86 3.90 0.00	102.67 5.46 7.87	98.25 5.70 9.26	88.27 5.22 8.46	66.28 4.32 -1.91	62.74 3.86 -6.02	62.47 3.92 -5.57	62.47 4.12 -3.40	61.66 3.97 -4.79	62.56 4.16 -2.18	68.90 4.13 -9.03	96.76 5.22 -24.69	75.91 3.52 -26.03	69.46 2.70 -28.69	61.50 2.65 -22.54	58.20 2.60 -21.46	52.25 2.51 -15.84	45.16 2.87 -5.05
RAVENSWOOD_GT3_3 24250	44.27 2.96 -0.21	40.28 2.67 0.00	38.51 2.49 -0.50	38.34 2.33 -2.21	38.99 2.40 -2.30	45.86 2.42 -7.87	75.00 4.04 0.00	102.78 5.57 7.87	98.45 5.90 9.26	88.37 5.31 8.46	66.34 4.38 -1.91	62.79 3.91 -6.02	62.58 4.03 -5.57	62.52 4.18 -3.40	61.71 4.02 -4.79	62.61 4.22 -2.18	68.95 4.18 -9.03	96.90 5.35 -24.69	75.95 3.57 -26.03	69.50 2.74 -28.69	61.54 2.69 -22.54	58.27 2.66 -21.46	52.28 2.54 -15.84	45.20 2.91 -5.05
RAVENSWOOD_GT3_4 24251	44.27 2.96 -0.21	40.28 2.67 0.00	38.51 2.49 -0.50	38.34 2.33 -2.21	38.99 2.40 -2.30	45.86 2.42 -7.87	75.00 4.04 0.00	102.78 5.57 7.87	98.45 5.90 9.26	88.37 5.31 8.46	66.34 4.38 -1.91	62.79 3.91 -6.02	62.58 4.03 -5.57	62.52 4.18 -3.40	61.71 4.02 -4.79	62.61 4.22 -2.18	68.95 4.18 -9.03	96.90 5.35 -24.69	75.95 3.57 -26.03	69.50 2.74 -28.69	61.54 2.69 -22.54	58.27 2.66 -21.46	52.28 2.54 -15.84	45.20 2.91 -5.05

RAVENSWOOD_GT_1 23729	44.48 3.16 -0.22	40.48 2.86 -0.01	38.69 2.66 -0.51	38.52 2.50 -2.22	39.17 2.57 -2.31	45.97 2.53 -7.87	74.79 3.83 0.00	102.46 5.25 7.87	98.14 5.60 9.26	88.18 5.12 8.46	66.28 4.32 -1.91	62.79 3.91 -6.02	62.53 3.97 -5.57	62.52 4.18 -3.40	61.71 4.02 -4.79	62.61 4.22 -2.18	68.90 4.13 -9.03	96.83 5.28 -24.69	75.86 3.48 -26.03	69.42 2.66 -28.69	61.50 2.65 -22.54	58.27 2.66 -21.46	52.38 2.64 -15.84	45.39 3.09 -5.05
RAVENSWOOD_GT_10 24258	44.23 2.92 -0.21	40.24 2.63 0.00	38.47 2.45 -0.50	38.31 2.30 -2.21	38.96 2.37 -2.30	45.82 2.38 -7.87	74.93 3.97 0.00	102.67 5.46 7.87	98.25 5.70 9.26	88.27 5.22 8.46	66.28 4.32 -1.91	62.74 3.86 -6.02	62.47 3.92 -5.57	62.47 4.12 -3.40	61.66 3.97 -4.79	62.56 4.16 -2.18	68.90 4.13 -9.03	96.83 5.28 -24.69	75.91 3.52 -26.03	69.46 2.70 -28.69	61.50 2.65 -22.54	58.20 2.60 -21.46	52.21 2.47 -15.84	45.16 2.87 -5.04
RAVENSWOOD_GT_11 24259	44.23 2.92 -0.21	40.24 2.63 0.00	38.47 2.45 -0.50	38.31 2.30 -2.21	38.96 2.37 -2.30	45.82 2.38 -7.87	74.93 3.97 0.00	102.67 5.46 7.87	98.25 5.70 9.26	88.27 5.22 8.46	66.28 4.32 -1.91	62.74 3.86 -6.02	62.47 3.92 -5.57	62.47 4.12 -3.40	61.66 3.97 -4.79	62.56 4.16 -2.18	68.90 4.13 -9.03	96.83 5.28 -24.69	75.91 3.52 -26.03	69.46 2.70 -28.69	61.50 2.65 -22.54	58.20 2.60 -21.46	52.21 2.47 -15.84	45.16 2.87 -5.04
RAVENSWOOD_GT_4 24252	44.18 2.88 -0.21	40.20 2.60 0.01	38.43 2.42 -0.49	38.27 2.26 -2.21	38.92 2.33 -2.30	45.82 2.38 -7.87	74.93 3.97 0.00	102.67 5.46 7.87	98.35 5.80 9.26	88.27 5.22 8.46	66.28 4.32 -1.91	62.74 3.86 -6.02	62.47 3.92 -5.57	62.47 4.12 -3.40	61.66 3.97 -4.79	62.56 4.16 -2.18	68.90 4.13 -9.03	96.83 5.28 -24.69	75.91 3.52 -26.03	69.46 2.70 -28.69	61.50 2.65 -22.54	58.20 2.60 -21.46	52.21 2.47 -15.84	45.12 2.83 -5.04
RAVENSWOOD_GT_5 24254	44.18 2.88 -0.21	40.20 2.60 0.01	38.43 2.42 -0.49	38.27 2.26 -2.21	38.92 2.33 -2.30	45.82 2.38 -7.87	74.93 3.97 0.00	102.67 5.46 7.87	98.35 5.80 9.26	88.27 5.22 8.46	66.28 4.32 -1.91	62.74 3.86 -6.02	62.47 3.92 -5.57	62.47 4.12 -3.40	61.66 3.97 -4.79	62.56 4.16 -2.18	68.90 4.13 -9.03	96.83 5.28 -24.69	75.91 3.52 -26.03	69.46 2.70 -28.69	61.50 2.65 -22.54	58.20 2.60 -21.46	52.21 2.47 -15.84	45.12 2.83 -5.04
RAVENSWOOD_GT_6 24253	44.18 2.88 -0.21	40.20 2.60 0.01	38.43 2.42 -0.49	38.27 2.26 -2.21	38.92 2.33 -2.30	45.82 2.38 -7.87	74.93 3.97 0.00	102.67 5.46 7.87	98.35 5.80 9.26	88.27 5.22 8.46	66.28 4.32 -1.91	62.74 3.86 -6.02	62.47 3.92 -5.57	62.47 4.12 -3.40	61.66 3.97 -4.79	62.56 4.16 -2.18	68.90 4.13 -9.03	96.83 5.28 -24.69	75.91 3.52 -26.03	69.46 2.70 -28.69	61.50 2.65 -22.54	58.20 2.60 -21.46	52.21 2.47 -15.84	45.12 2.83 -5.04
RAVENSWOOD_GT_7 24255	44.18 2.88 -0.21	40.20 2.60 0.01	38.43 2.42 -0.49	38.27 2.26 -2.21	38.92 2.33 -2.30	45.82 2.38 -7.87	74.93 3.97 0.00	102.67 5.46 7.87	98.35 5.80 9.26	88.27 5.22 8.46	66.28 4.32 -1.91	62.74 3.86 -6.02	62.47 3.92 -5.57	62.47 4.12 -3.40	61.66 3.97 -4.79	62.56 4.16 -2.18	68.90 4.13 -9.03	96.83 5.28 -24.69	75.91 3.52 -26.03	69.46 2.70 -28.69	61.50 2.65 -22.54	58.20 2.60 -21.46	52.21 2.47 -15.84	45.12 2.83 -5.04
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	44.23 2.92 -0.21	40.24 2.63 0.00	38.47 2.45 -0.50	38.31 2.30 -2.21	38.96 2.37 -2.30	45.82 2.38 -7.87	74.93 3.97 0.00	102.67 5.46 7.87	98.25 5.70 9.26	88.27 5.22 8.46	66.28 4.32 -1.91	62.74 3.86 -6.02	62.47 3.92 -5.57	62.47 4.12 -3.40	61.66 3.97 -4.79	62.56 4.16 -2.18	68.90 4.13 -9.03	96.83 5.28 -24.69	75.91 3.52 -26.03	69.46 2.70 -28.69	61.50 2.65 -22.54	58.20 2.60 -21.46	52.21 2.47 -15.84	45.16 2.87 -5.04
RAVENSWOOD_GT_9 24257	44.23 2.92 -0.21	40.24 2.63 0.00	38.47 2.45 -0.50	38.31 2.30 -2.21	38.96 2.37 -2.30	45.82 2.38 -7.87	74.93 3.97 0.00	102.67 5.46 7.87	98.25 5.70 9.26	88.27 5.22 8.46	66.28 4.32 -1.91	62.74 3.86 -6.02	62.47 3.92 -5.57	62.47 4.12 -3.40	61.66 3.97 -4.79	62.56 4.16 -2.18	68.90 4.13 -9.03	96.83 5.28 -24.69	75.91 3.52 -26.03	69.46 2.70 -28.69	61.50 2.65 -22.54	58.20 2.60 -21.46	52.21 2.47 -15.84	45.16 2.87 -5.04
RAVENSWOOD___1 23533	44.44 3.12 -0.22	40.44 2.82 -0.01	38.69 2.67 -0.51	38.52 2.50 -2.22	39.14 2.54 -2.31	45.93 2.49 -7.87	74.79 3.83 0.00	96.83 5.15 13.40	91.54 5.49 15.75	82.15 5.03 14.39	64.74 4.33 -0.37	61.40 3.86 -4.68	61.45 3.98 -4.49	61.28 4.12 -2.21	60.46 3.97 -3.60	61.38 4.16 -1.01	68.50 4.18 -8.57	96.83 5.28 -24.69	75.86 3.48 -26.03	69.54 2.78 -28.69	61.50 2.65 -22.54	58.09 2.63 -21.31	51.99 2.65 -15.44	45.23 3.05 -4.93
RAVENSWOOD___2 23534	44.44 3.12 -0.22	40.44 2.82 -0.01	38.66 2.63 -0.51	38.49 2.47 -2.22	39.14 2.54 -2.31	45.93 2.49 -7.87	74.72 3.76 0.00	96.83 5.15 13.40	91.54 5.49 15.75	82.15 5.03 14.39	64.74 4.33 -0.37	61.40 3.86 -4.68	61.39 3.92 -4.49	61.22 4.07 -2.21	60.46 3.97 -3.60	61.38 4.16 -1.01	68.44 4.13 -8.57	96.76 5.22 -24.69	75.86 3.48 -26.03	69.54 2.78 -28.69	61.47 2.62 -22.54	58.05 2.59 -21.31	51.99 2.65 -15.44	45.23 3.05 -4.93
RAVENSWOOD___3 23535	44.23 2.92 -0.21	40.24 2.63 0.00	38.47 2.45 -0.50	38.31 2.30 -2.21	38.95 2.36 -2.30	45.82 2.38 -7.87	74.86 3.90 0.00	97.14 5.46 13.40	91.75 5.70 15.75	82.34 5.21 14.39	64.74 4.33 -0.37	61.40 3.86 -4.68	61.39 3.92 -4.49	61.22 4.07 -2.21	60.41 3.91 -3.60	61.38 4.16 -1.01	68.50 4.18 -8.57	96.83 5.28 -24.69	75.91 3.52 -26.03	69.58 2.82 -28.69	61.50 2.65 -22.54	58.05 2.59 -21.31	51.85 2.51 -15.44	45.03 2.87 -4.92
RAVENSWOOD___4 23820	44.44 3.12 -0.22	40.44 2.82 -0.01	38.66 2.63 -0.51	38.48 2.47 -2.22	39.13 2.54 -2.31	45.93 2.49 -7.87	74.72 3.76 0.00	96.83 5.15 13.40	91.54 5.49 15.75	82.15 5.03 14.39	64.68 4.26 -0.37	61.40 3.86 -4.68	61.39 3.92 -4.49	61.22 4.07 -2.21	60.41 3.91 -3.60	61.33 4.10 -1.01	68.44 4.13 -8.57	96.76 5.22 -24.69	75.86 3.48 -26.03	69.50 2.74 -28.69	61.47 2.62 -22.54	58.05 2.59 -21.31	51.95 2.61 -15.44	45.23 3.05 -4.93
RCPI_TRUST___DRP 24196	44.19 2.88 -0.21	40.21 2.60 0.00	38.47 2.45 -0.50	38.31 2.30 -2.21	38.96 2.37 -2.30	45.82 2.38 -7.87	74.93 3.97 0.00	102.78 5.57 7.87	98.45 5.90 9.26	88.37 5.31 8.46	66.34 4.38 -1.91	62.79 3.91 -6.02	62.53 3.97 -5.57	62.48 4.12 -3.41	61.67 3.97 -4.80	62.61 4.22 -2.18	68.95 4.18 -9.03	96.89 5.35 -24.68	75.95 3.57 -26.03	69.50 2.74 -28.69	61.50 2.65 -22.54	58.23 2.63 -21.45	52.21 2.47 -15.84	45.16 2.87 -5.04
RED___ROCHESTER 323720	39.87 -1.27 -0.05	36.33 -1.28 0.00	34.53 -1.10 -0.11	33.09 -1.22 -0.51	33.82 -1.00 -0.53	36.17 -1.21 -1.81	67.13 -3.83 0.00	55.68 -4.10 45.30	44.69 -3.87 53.24	39.48 -3.38 48.65	45.40 -2.46 12.19	40.47 -2.17 10.22	41.93 -2.49 8.56	42.23 -2.58 10.13	40.45 -2.59 9.85	44.38 -2.64 9.19	52.51 -2.73 0.50	69.79 -2.74 -5.68	50.58 -1.76 -5.99	42.99 -1.67 -6.60	40.12 -1.38 -5.18	37.67 -1.37 -4.89	36.39 -1.05 -3.54	37.25 -1.12 -1.13

REGAN___SOLAR 323812	45.67 4.27 -0.30	41.75 4.14 0.00	40.03 3.80 -0.70	40.49 3.58 -3.11	41.37 3.84 -3.24	59.75 4.23 -19.95	79.61 8.65 0.00	104.05 12.29 13.32	97.15 11.00 15.65	85.45 8.24 14.30	68.73 6.55 -2.14	65.70 5.60 -7.24	62.62 5.25 -4.38	58.59 5.28 1.64	59.61 5.24 -1.47	65.06 6.18 -2.66	86.15 7.70 -22.71	138.42 8.96 -62.60	118.72 6.35 -66.02	115.81 4.99 -72.75	98.16 4.69 -57.16	86.12 4.41 -47.57	59.73 4.07 -21.76	48.31 4.13 -6.93
RENSSELAER___COGEN 23796	43.16 1.81 -0.25	39.31 1.69 0.00	37.68 1.56 -0.60	37.95 1.49 -2.67	38.51 1.44 -2.78	51.88 1.49 -14.82	73.23 2.27 0.00	96.36 2.63 11.35	91.01 2.55 13.34	81.52 2.19 12.19	64.54 2.64 -1.85	61.54 2.38 -6.30	59.39 2.33 -4.08	56.57 2.41 0.79	56.98 2.32 -1.76	60.93 2.42 -2.30	74.95 2.40 -16.81	115.89 2.54 -46.49	97.14 1.76 -49.03	93.63 1.52 -54.04	80.29 1.52 -42.45	71.80 1.40 -36.25	54.04 1.49 -18.65	44.86 1.68 -5.94
REPUBLIC_115KV_BARTNBRK 55605	45.64 4.27 -0.26	41.75 4.14 0.00	39.98 3.84 -0.62	40.20 3.65 -2.75	41.06 3.91 -2.86	61.12 4.30 -21.24	79.19 8.23 0.00	110.93 12.40 6.55	105.50 11.40 7.70	92.72 8.24 7.03	70.30 6.91 -3.34	66.35 5.76 -7.73	63.45 5.30 -5.17	60.32 5.17 -0.21	60.89 5.13 -2.86	65.35 5.68 -3.46	86.74 6.30 -24.70	140.93 7.42 -66.65	122.01 5.38 -70.29	119.68 4.15 -77.46	101.02 3.85 -60.86	86.82 3.38 -49.29	56.53 3.12 -19.51	46.78 3.31 -6.22
REVERE_CPPR_DRP 24186	42.56 1.44 -0.02	38.97 1.35 0.00	36.81 1.24 -0.05	35.14 1.12 -0.23	35.69 1.17 -0.24	37.70 1.42 -0.71	73.80 2.84 0.00	96.92 4.41 12.57	91.10 4.07 14.78	81.22 3.20 13.50	58.95 2.22 3.32	52.10 1.96 2.72	52.69 1.96 2.26	54.33 2.09 2.71	52.40 2.12 2.62	56.14 2.42 2.49	59.23 2.79 -0.70	72.69 3.61 -2.22	51.01 2.32 -2.34	42.56 1.90 -2.58	40.09 1.74 -2.03	37.83 1.47 -2.21	37.27 1.19 -2.19	39.17 1.23 -0.70
REYNOLDS_115KV_TB3 80639	43.20 1.85 -0.25	39.34 1.73 0.00	37.72 1.60 -0.60	37.99 1.52 -2.67	38.61 1.54 -2.78	52.81 1.60 -15.64	73.44 2.48 0.00	101.26 2.84 6.66	96.82 2.85 7.83	86.74 2.38 7.16	65.98 2.76 -3.17	62.75 2.43 -7.46	60.40 2.38 -5.03	57.67 2.47 -0.25	58.09 2.38 -2.81	61.99 2.47 -3.30	76.29 2.40 -18.15	118.60 2.67 -49.06	99.95 1.85 -51.74	96.73 1.64 -57.02	82.75 1.63 -44.80	73.66 1.50 -38.01	54.44 1.53 -19.01	45.01 1.71 -6.06
RIVERBAY___ 323610	45.22 3.90 -0.22	41.19 3.57 -0.01	39.37 3.34 -0.51	39.16 3.14 -2.22	39.82 3.22 -2.31	46.50 3.06 -7.87	75.57 4.61 0.00	103.30 6.09 7.87	98.75 6.21 9.26	88.73 5.67 8.46	66.64 4.68 -1.91	63.05 4.18 -6.02	62.85 4.29 -5.57	62.79 4.45 -3.40	61.97 4.28 -4.79	62.89 4.50 -2.18	69.23 4.46 -9.03	97.23 5.68 -24.69	76.14 3.75 -26.03	69.61 2.86 -28.69	61.72 2.87 -22.54	58.57 2.97 -21.46	52.89 3.15 -15.84	46.02 3.72 -5.05
RIVERSDE_115KV_TB3 55908	43.29 1.93 -0.26	39.42 1.81 0.00	37.79 1.67 -0.60	38.03 1.55 -2.68	38.65 1.58 -2.79	52.99 1.67 -15.74	73.58 2.63 0.00	101.47 3.05 6.66	97.03 3.05 7.82	86.93 2.56 7.15	66.05 2.82 -3.18	62.87 2.54 -7.48	60.50 2.49 -5.03	57.77 2.58 -0.24	58.19 2.49 -2.80	62.11 2.59 -3.31	76.47 2.45 -18.27	119.00 2.74 -49.40	100.34 1.90 -52.09	97.15 1.68 -57.41	83.09 1.67 -45.10	73.92 1.54 -38.24	54.51 1.56 -19.05	45.06 1.75 -6.07
ROARING___BROOK_WT_PWR 323790	41.06 -0.04 0.00	37.54 -0.08 0.00	35.49 -0.04 0.00	33.77 -0.03 0.00	34.22 -0.07 0.00	35.47 -0.11 0.00	71.17 0.21 0.00	103.02 0.42 2.49	99.18 0.31 2.92	89.21 0.37 2.67	59.25 -0.06 0.74	52.12 -0.05 0.69	52.34 -0.11 0.54	54.36 -0.05 0.54	52.22 -0.11 0.57	55.53 -0.11 0.57	55.58 -0.17 0.00	66.53 -0.33 0.00	46.12 -0.23 0.00	37.88 -0.19 0.00	36.10 -0.22 0.00	33.98 -0.17 0.00	33.73 -0.17 0.00	37.10 -0.15 0.00
ROCHESRG_115KV_T4 355643	39.50 -1.64 -0.05	35.99 -1.62 0.00	34.21 -1.42 -0.11	32.82 -1.49 -0.51	33.51 -1.30 -0.53	35.91 -1.46 -1.80	66.35 -4.61 0.00	73.37 -5.36 26.35	65.63 -5.19 30.98	58.64 -4.58 28.30	49.97 -3.18 6.90	44.43 -2.80 5.63	45.00 -3.13 4.85	45.65 -3.24 6.05	43.92 -3.23 5.75	47.73 -3.32 5.17	53.42 -3.40 -1.07	68.90 -3.61 -5.65	49.95 -2.36 -5.96	42.66 -1.98 -6.57	39.66 -1.82 -5.16	37.84 -1.71 -5.40	37.14 -1.66 -4.90	37.39 -1.42 -1.56
ROCHESTER_9_IC 23652	39.75 -1.40 -0.05	36.18 -1.43 0.00	34.39 -1.24 -0.11	32.99 -1.32 -0.51	33.68 -1.13 -0.53	36.10 -1.28 -1.81	66.77 -4.19 0.00	73.94 -4.73 26.42	66.27 -4.48 31.05	59.21 -3.94 28.37	50.37 -2.76 6.92	44.78 -2.43 5.65	45.31 -2.81 4.87	45.97 -2.91 6.07	44.27 -2.86 5.77	48.11 -2.92 5.18	53.82 -3.01 -1.09	69.46 -3.08 -5.68	50.35 -1.99 -5.99	42.95 -1.71 -6.60	39.93 -1.56 -5.18	38.05 -1.50 -5.41	37.36 -1.46 -4.91	37.54 -1.27 -1.57
ROCKVIEW_13_KV_LD 356306	44.19 2.88 -0.21	40.24 2.63 0.00	38.44 2.42 -0.50	38.31 2.30 -2.21	38.96 2.37 -2.30	45.86 2.42 -7.87	75.14 4.19 0.00	103.09 5.88 7.87	98.75 6.21 9.26	88.64 5.58 8.46	66.52 4.56 -1.91	62.95 4.07 -6.02	62.63 4.08 -5.57	62.63 4.29 -3.40	61.82 4.13 -4.79	62.78 4.38 -2.18	69.12 4.35 -9.03	97.03 5.48 -24.69	76.09 3.71 -26.03	69.61 2.86 -28.69	61.65 2.80 -22.54	58.30 2.70 -21.46	52.28 2.54 -15.84	45.12 2.83 -5.05
ROME___115KV_TB2 80656	42.56 1.44 -0.02	38.97 1.35 0.00	36.81 1.24 -0.05	35.14 1.12 -0.23	35.69 1.17 -0.24	37.70 1.42 -0.71	73.80 2.84 0.00	96.92 4.41 12.57	91.10 4.07 14.78	81.22 3.20 13.50	58.95 2.22 3.32	52.10 1.96 2.72	52.69 1.96 2.26	54.33 2.09 2.71	52.40 2.12 2.62	56.14 2.42 2.49	59.23 2.79 -0.70	72.69 3.61 -2.22	51.01 2.32 -2.34	42.56 1.90 -2.58	40.09 1.74 -2.03	37.83 1.47 -2.21	37.27 1.19 -2.19	39.17 1.23 -0.70
ROSETON___1 23587	43.69 2.38 -0.21	39.79 2.18 0.00	38.04 2.02 -0.49	37.87 1.89 -2.18	38.51 1.95 -2.27	45.31 1.99 -7.74	74.29 3.34 0.00	95.97 4.41 13.52	90.59 4.69 15.90	81.20 4.21 14.52	63.92 3.60 -0.26	60.32 3.17 -4.29	59.70 3.23 -3.49	58.75 3.35 -0.45	58.25 3.23 -2.12	60.56 3.43 -0.92	67.62 3.46 -8.42	95.44 4.28 -24.30	74.90 2.92 -25.62	68.67 2.36 -28.24	60.75 2.25 -22.18	57.24 2.12 -20.97	51.13 2.03 -15.19	44.39 2.31 -4.84
ROSETON___2 23588	43.69 2.38 -0.21	39.79 2.18 0.00	38.04 2.02 -0.49	37.87 1.89 -2.18	38.51 1.95 -2.27	45.31 1.99 -7.74	74.29 3.34 0.00	95.97 4.41 13.52	90.59 4.69 15.90	81.20 4.21 14.52	63.92 3.60 -0.26	60.32 3.17 -4.29	59.70 3.23 -3.49	58.75 3.35 -0.45	58.25 3.23 -2.12	60.56 3.43 -0.92	67.62 3.46 -8.42	95.44 4.28 -24.30	74.90 2.92 -25.62	68.67 2.36 -28.24	60.75 2.25 -22.18	57.24 2.12 -20.97	51.13 2.03 -15.19	44.39 2.31 -4.84
ROTTDRAM_115KV_TB3 80664	43.21 1.85 -0.26	39.38 1.77 0.00	37.78 1.63 -0.63	38.10 1.52 -2.78	38.79 1.61 -2.89	59.57 1.71 -22.29	73.87 2.91 0.00	102.44 3.89 6.53	97.89 3.77 7.68	87.52 3.02 7.02	66.28 2.82 -3.41	63.12 2.43 -7.83	60.57 2.38 -5.20	57.51 2.42 -0.14	58.12 2.38 -2.84	62.26 2.53 -3.52	84.24 2.56 -25.93	139.81 3.01 -69.94	122.25 2.13 -73.76	121.11 1.75 -81.29	101.85 1.67 -63.87	87.17 1.57 -51.45	55.13 1.49 -19.73	45.21 1.68 -6.29

RUSSELL___1 23602	39.92 -1.23 -0.05	36.33 -1.28 0.00	34.53 -1.10 -0.11	33.09 -1.22 -0.51	33.82 -0.99 -0.53	36.24 -1.14 -1.81	67.13 -3.83 0.00	74.57 -4.10 26.42	66.88 -3.87 31.05	59.67 -3.48 28.37	50.73 -2.40 6.92	45.04 -2.17 5.65	45.57 -2.54 4.87	46.24 -2.64 6.07	44.54 -2.59 5.77	48.39 -2.64 5.18	54.16 -2.68 -1.09	69.86 -2.67 -5.68	50.62 -1.72 -5.99	43.18 -1.48 -6.60	40.12 -1.38 -5.18	38.22 -1.33 -5.41	37.49 -1.32 -4.91	37.69 -1.12 -1.57
RUSSELL___2 23532	39.92 -1.23 -0.05	36.33 -1.28 0.00	34.53 -1.10 -0.11	33.09 -1.22 -0.51	33.82 -0.99 -0.53	36.24 -1.14 -1.81	67.13 -3.83 0.00	74.57 -4.10 26.42	66.88 -3.87 31.05	59.67 -3.48 28.37	50.73 -2.40 6.92	45.04 -2.17 5.65	45.57 -2.54 4.87	46.24 -2.64 6.07	44.54 -2.59 5.77	48.39 -2.64 5.18	54.16 -2.68 -1.09	69.86 -2.67 -5.68	50.62 -1.72 -5.99	43.18 -1.48 -6.60	40.12 -1.38 -5.18	38.22 -1.33 -5.41	37.49 -1.32 -4.91	37.69 -1.12 -1.57
RUSSELL___3 23549	39.92 -1.23 -0.05	36.33 -1.28 0.00	34.53 -1.10 -0.11	33.09 -1.22 -0.51	33.82 -0.99 -0.53	36.24 -1.14 -1.81	67.13 -3.83 0.00	74.57 -4.10 26.42	66.88 -3.87 31.05	59.67 -3.48 28.37	50.73 -2.40 6.92	45.04 -2.17 5.65	45.57 -2.54 4.87	46.24 -2.64 6.07	44.54 -2.59 5.77	48.39 -2.64 5.18	54.16 -2.68 -1.09	69.86 -2.67 -5.68	50.62 -1.72 -5.99	43.18 -1.48 -6.60	40.12 -1.38 -5.18	38.22 -1.33 -5.41	37.49 -1.32 -4.91	37.69 -1.12 -1.57
RUSSELL___4 23556	39.92 -1.23 -0.05	36.33 -1.28 0.00	34.53 -1.10 -0.11	33.09 -1.22 -0.51	33.82 -0.99 -0.53	36.24 -1.14 -1.81	67.13 -3.83 0.00	74.57 -4.10 26.42	66.88 -3.87 31.05	59.67 -3.48 28.37	50.73 -2.40 6.92	45.04 -2.17 5.65	45.57 -2.54 4.87	46.24 -2.64 6.07	44.54 -2.59 5.77	48.39 -2.64 5.18	54.16 -2.68 -1.09	69.86 -2.67 -5.68	50.62 -1.72 -5.99	43.18 -1.48 -6.60	40.12 -1.38 -5.18	38.22 -1.33 -5.41	37.49 -1.32 -4.91	37.69 -1.12 -1.57
RUSSELL___STATION 23914	39.92 -1.23 -0.05	36.33 -1.28 0.00	34.53 -1.10 -0.11	33.09 -1.22 -0.51	33.82 -0.99 -0.53	36.24 -1.14 -1.81	67.13 -3.83 0.00	74.57 -4.10 26.42	66.88 -3.87 31.05	59.67 -3.48 28.37	50.73 -2.40 6.92	45.04 -2.17 5.65	45.57 -2.54 4.87	46.24 -2.64 6.07	44.54 -2.59 5.77	48.39 -2.64 5.18	54.16 -2.68 -1.09	69.86 -2.67 -5.68	50.62 -1.72 -5.99	43.18 -1.48 -6.60	40.12 -1.38 -5.18	38.22 -1.33 -5.41	37.49 -1.32 -4.91	37.69 -1.12 -1.57
S SALMON___HYD 24043	40.03 -1.11 -0.03	36.60 -1.01 0.00	34.61 -0.99 -0.08	33.17 -0.98 -0.36	33.73 -0.92 -0.37	35.91 -0.89 -1.22	68.76 -2.20 0.00	61.94 -3.47 39.68	51.60 -3.57 46.64	45.70 -3.21 42.61	47.08 -2.10 10.87	41.67 -1.90 9.29	43.45 -1.86 7.68	44.31 -1.81 8.82	42.50 -1.69 8.70	46.24 -1.74 8.23	54.98 -1.45 -0.68	69.57 -1.14 -3.84	49.62 -0.79 -4.05	41.89 -0.65 -4.47	39.17 -0.65 -3.51	36.84 -0.65 -3.35	35.57 -0.81 -2.49	37.07 -0.97 -0.79
S.PERRY___115KV_TB1 80734	41.36 0.21 -0.06	38.03 0.41 0.00	35.63 -0.04 -0.14	34.18 -0.24 -0.62	34.97 0.03 -0.65	38.23 0.39 -2.27	67.84 -3.12 0.00	76.14 -3.57 25.36	68.42 -3.56 29.81	60.80 -3.48 27.24	50.93 -2.70 6.41	45.34 -2.48 5.03	45.82 -2.70 4.46	46.20 -2.86 5.89	44.74 -2.70 5.46	48.87 -2.59 4.76	55.40 -2.12 -1.78	72.57 -1.40 -7.12	53.07 -0.79 -7.51	45.58 -0.76 -8.27	43.28 0.47 -6.50	40.66 0.00 -6.52	39.21 -0.27 -5.58	39.06 0.04 -1.78
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	38.52 -2.63 -0.06	35.69 -1.92 0.00	33.09 -2.56 -0.13	31.74 -2.64 -0.58	32.56 -2.33 -0.61	35.86 -1.81 -2.11	64.08 -6.88 0.00	68.01 -9.88 27.19	60.37 -9.47 31.97	53.61 -8.69 29.21	47.03 -5.88 7.13	41.79 -5.23 5.84	42.23 -5.72 5.03	42.75 -5.93 6.26	41.07 -5.87 5.96	44.80 -6.07 5.34	50.89 -6.13 -1.28	67.25 -6.22 -6.61	49.34 -3.99 -6.97	42.40 -3.35 -7.68	39.34 -3.01 -6.04	36.82 -3.31 -5.98	36.16 -3.12 -5.38	36.39 -2.57 -1.71
SAWYER___23_KV_LOAD 55526	38.52 -2.63 -0.06	35.69 -1.92 0.00	33.09 -2.56 -0.13	31.74 -2.64 -0.58	32.56 -2.33 -0.61	35.86 -1.81 -2.11	64.08 -6.88 0.00	68.01 -9.88 27.19	60.37 -9.47 31.97	53.61 -8.69 29.21	47.03 -5.88 7.13	41.79 -5.23 5.84	42.23 -5.72 5.03	42.75 -5.93 6.26	41.07 -5.87 5.96	44.80 -6.07 5.34	50.89 -6.13 -1.28	67.25 -6.22 -6.61	49.34 -3.99 -6.97	42.40 -3.35 -7.68	39.34 -3.01 -6.04	36.82 -3.31 -5.98	36.16 -3.12 -5.38	36.39 -2.57 -1.71
SELKIRK___I 23801	43.40 2.05 -0.25	39.57 1.95 0.00	37.89 1.78 -0.59	38.12 1.69 -2.63	38.74 1.71 -2.74	50.17 1.78 -12.82	73.87 2.91 0.00	97.17 3.57 11.49	91.76 3.46 13.51	82.01 2.84 12.34	64.67 2.88 -1.74	61.57 2.59 -6.12	59.42 2.54 -3.90	56.56 2.58 0.97	57.00 2.54 -1.57	61.06 2.64 -2.20	72.89 2.68 -14.47	110.03 2.94 -40.23	90.81 2.04 -42.42	86.54 1.71 -46.75	74.75 1.71 -36.73	67.92 1.57 -32.21	53.95 1.66 -18.39	44.96 1.86 -5.86
SELKIRK___II 23799	43.12 1.77 -0.25	39.26 1.65 0.00	37.65 1.53 -0.60	37.88 1.42 -2.66	38.49 1.44 -2.77	50.37 1.49 -13.31	73.30 2.34 0.00	96.43 2.73 11.37	91.07 2.64 13.37	81.59 2.29 12.22	64.39 2.52 -1.82	61.38 2.27 -6.25	59.24 2.22 -4.03	56.41 2.31 0.84	56.88 2.27 -1.71	60.85 2.36 -2.27	73.13 2.34 -15.04	111.15 2.54 -41.75	92.15 1.76 -44.03	88.08 1.48 -48.53	75.93 1.49 -38.13	68.75 1.37 -33.24	53.92 1.46 -18.57	44.76 1.60 -5.91
SENECA OSWGO___HYD 24041	40.11 -1.03 -0.04	36.67 -0.94 0.00	34.69 -0.92 -0.09	33.29 -0.91 -0.40	33.88 -0.82 -0.42	36.14 -0.82 -1.39	68.76 -2.20 0.00	56.17 -3.47 45.45	45.02 -3.36 53.42	39.68 -3.02 48.81	45.59 -1.98 12.47	40.49 -1.69 10.68	42.58 -1.59 8.82	43.20 -1.65 10.10	41.39 -1.54 9.97	45.13 -1.63 9.45	55.27 -1.62 -1.14	69.88 -1.34 -4.36	50.07 -0.88 -4.60	42.37 -0.76 -5.07	39.57 -0.73 -3.98	37.22 -0.72 -3.79	35.91 -0.78 -2.79	37.20 -0.93 -0.89
SENECA___115KV_TB3 355854	39.02 -2.14 -0.06	36.48 -1.13 0.00	33.38 -2.27 -0.13	32.03 -2.37 -0.59	32.85 -2.06 -0.62	36.59 -1.14 -2.15	65.64 -5.32 0.00	69.57 -8.62 26.89	61.74 -8.45 31.61	54.76 -7.87 28.88	47.76 -5.28 7.01	42.46 -4.70 5.70	42.86 -5.19 4.93	43.41 -5.33 6.20	41.73 -5.29 5.87	45.46 -5.51 5.24	51.77 -5.35 -1.38	68.80 -4.81 -6.75	50.41 -3.06 -7.12	43.33 -2.59 -7.85	40.19 -2.29 -6.17	37.29 -2.97 -6.11	36.50 -2.85 -5.44	36.67 -2.31 -1.73
SENECA___ENERGY 23797	40.49 -0.66 -0.05	37.08 -0.53 0.00	34.96 -0.68 -0.12	33.61 -0.71 -0.52	34.31 -0.51 -0.54	37.08 -0.36 -1.86	69.25 -1.70 0.00	58.84 -2.31 43.93	47.83 -2.34 51.63	42.05 -2.28 47.18	46.77 -1.50 11.78	41.64 -1.37 9.85	43.34 -1.38 8.27	43.68 -1.43 9.84	42.09 -1.27 9.54	45.93 -1.40 8.88	55.05 -1.23 -0.53	72.04 -0.67 -5.85	52.15 -0.37 -6.17	44.52 -0.34 -6.80	41.33 -0.33 -5.34	38.70 -0.48 -5.03	36.98 -0.54 -3.62	37.76 -0.63 -1.15
SHOEMAKER___GT 23640	43.26 1.97 -0.19	39.42 1.81 0.00	37.65 1.67 -0.46	37.41 1.59 -2.02	38.04 1.65 -2.10	44.44 1.67 -7.20	73.65 2.70 0.00	94.37 3.36 14.08	88.72 3.46 16.55	79.41 3.02 15.12	62.67 2.82 0.20	57.57 2.48 -2.22	53.31 2.54 2.22	47.82 2.64 9.77	49.05 2.54 6.39	59.42 2.70 -0.51	66.22 2.73 -7.74	92.98 3.54 -22.58	72.52 2.36 -23.81	66.21 1.90 -26.24	58.74 1.81 -20.61	55.30 1.67 -19.48	49.62 1.63 -14.09	43.56 1.82 -4.49

SHOEMAKR_138KV_BK 111 55601	43.22 1.93 -0.19	39.42 1.81 0.00	37.64 1.67 -0.45	37.36 1.55 -2.01	37.99 1.61 -2.09	44.36 1.64 -7.16	73.58 2.63 0.00	100.15 3.36 8.30	95.51 3.46 9.75	85.62 3.02 8.91	64.20 2.76 -1.39	58.89 2.43 -3.60	54.43 2.49 1.04	49.15 2.58 8.38	50.40 2.54 5.04	60.63 2.70 -1.72	66.54 2.62 -8.18	92.79 3.48 -22.45	72.34 2.32 -23.68	65.95 1.79 -26.09	58.59 1.78 -20.50	55.34 1.67 -19.52	49.93 1.59 -14.43	43.67 1.82 -4.60
SHOREHAM_IC_1 23715	46.66 5.34 -0.22	42.51 4.89 -0.01	40.58 4.55 -0.51	40.28 4.26 -2.22	41.02 4.42 -2.31	58.78 4.66 -18.55	88.55 8.94 -8.66	104.19 12.50 13.39	98.48 12.42 15.74	96.30 10.61 5.82	75.20 7.93 -7.23	70.25 7.03 -10.36	70.16 7.05 -10.12	68.54 7.41 -6.18	67.06 7.25 -6.91	73.48 7.87 -9.39	97.29 7.30 -34.24	129.82 9.02 -53.94	115.05 6.30 -62.40	104.76 5.63 -61.06	98.61 5.41 -56.88	94.57 5.02 -55.40	64.08 4.71 -25.47	52.72 5.06 -10.41
SHOREHAM_IC_2 23716	46.66 5.34 -0.22	42.51 4.89 -0.01	40.58 4.55 -0.51	40.28 4.26 -2.22	41.02 4.42 -2.31	58.78 4.66 -18.55	88.55 8.94 -8.66	104.19 12.50 13.39	98.48 12.42 15.74	96.30 10.61 5.82	75.20 7.93 -7.23	70.25 7.03 -10.36	70.16 7.05 -10.12	68.54 7.41 -6.18	67.06 7.25 -6.91	73.48 7.87 -9.39	97.29 7.30 -34.24	129.82 9.02 -53.94	115.05 6.30 -62.40	104.76 5.63 -61.06	98.61 5.41 -56.88	94.57 5.02 -55.40	64.08 4.71 -25.47	52.72 5.06 -10.41
SISSONVILLE____ 23735	41.39 0.29 -0.01	37.84 0.23 0.00	35.86 0.32 -0.02	34.17 0.30 -0.07	34.43 0.07 -0.07	35.25 -0.32 0.00	71.31 0.35 0.00	101.18 0.53 4.43	96.80 0.20 5.20	87.13 0.37 4.75	58.38 -0.48 1.19	51.45 -0.42 0.99	51.80 -0.37 0.81	53.66 -0.33 0.95	51.60 -0.37 0.93	54.93 -0.39 0.90	55.30 -0.45 0.00	66.26 -0.60 0.00	45.93 -0.42 0.00	37.73 -0.34 0.00	36.06 -0.25 0.00	34.51 0.10 -0.26	34.77 0.17 -0.70	37.58 0.11 -0.22
SITHE_IND_GS1 24169	39.49 -1.65 -0.03	36.07 -1.54 0.00	34.14 -1.46 -0.08	32.72 -1.42 -0.34	33.27 -1.37 -0.36	35.31 -1.42 -1.17	67.70 -3.26 0.00	47.55 -4.94 52.59	35.20 -4.78 61.82	30.73 -4.30 56.48	42.55 -2.76 14.73	37.56 -2.43 12.87	40.11 -2.38 10.49	40.87 -2.47 11.60	38.88 -2.38 11.64	42.47 -2.53 11.22	44.77 -2.51 8.47	67.98 -2.54 -3.66	48.45 -1.76 -3.86	40.83 -1.49 -4.25	38.27 -1.38 -3.34	36.01 -1.33 -3.20	34.97 -1.32 -2.39	36.55 -1.45 -0.76
SITHE_IND_GS2 24170	39.49 -1.65 -0.03	36.07 -1.54 0.00	34.14 -1.46 -0.08	32.72 -1.42 -0.34	33.27 -1.37 -0.36	35.31 -1.42 -1.17	67.70 -3.26 0.00	47.55 -4.94 52.59	35.20 -4.78 61.82	30.73 -4.30 56.48	42.55 -2.76 14.73	37.56 -2.43 12.87	40.11 -2.38 10.49	40.87 -2.47 11.60	38.88 -2.38 11.64	42.47 -2.53 11.22	44.77 -2.51 8.47	67.98 -2.54 -3.66	48.45 -1.76 -3.86	40.83 -1.49 -4.25	38.27 -1.38 -3.34	36.01 -1.33 -3.20	34.97 -1.32 -2.39	36.55 -1.45 -0.76
SITHE_IND_GS3 24171	39.49 -1.65 -0.03	36.07 -1.54 0.00	34.14 -1.46 -0.08	32.72 -1.42 -0.34	33.27 -1.37 -0.36	35.31 -1.42 -1.17	67.70 -3.26 0.00	47.55 -4.94 52.59	35.20 -4.78 61.82	30.73 -4.30 56.48	42.55 -2.76 14.73	37.56 -2.43 12.87	40.11 -2.38 10.49	40.87 -2.47 11.60	38.88 -2.38 11.64	42.47 -2.53 11.22	44.77 -2.51 8.47	67.98 -2.54 -3.66	48.45 -1.76 -3.86	40.83 -1.49 -4.25	38.27 -1.38 -3.34	36.01 -1.33 -3.20	34.97 -1.32 -2.39	36.55 -1.45 -0.76
SITHE_IND_GS4 24172	39.49 -1.65 -0.03	36.07 -1.54 0.00	34.14 -1.46 -0.08	32.72 -1.42 -0.34	33.27 -1.37 -0.36	35.31 -1.42 -1.17	67.70 -3.26 0.00	47.55 -4.94 52.59	35.20 -4.78 61.82	30.73 -4.30 56.48	42.55 -2.76 14.73	37.56 -2.43 12.87	40.11 -2.38 10.49	40.87 -2.47 11.60	38.88 -2.38 11.64	42.47 -2.53 11.22	44.77 -2.51 8.47	67.98 -2.54 -3.66	48.45 -1.76 -3.86	40.83 -1.49 -4.25	38.27 -1.38 -3.34	36.01 -1.33 -3.20	34.97 -1.32 -2.39	36.55 -1.45 -0.76
SITHE____BATAVIA 24024	39.34 -1.81 -0.05	36.18 -1.43 0.00	33.90 -1.74 -0.12	32.45 -1.89 -0.55	33.24 -1.61 -0.57	36.07 -1.46 -1.96	65.85 -5.11 0.00	53.17 -6.52 45.39	42.23 -6.21 53.35	37.09 -5.67 48.75	43.69 -4.14 12.22	38.91 -3.70 10.25	40.15 -4.24 8.59	40.38 -4.40 10.17	38.62 -4.39 9.89	42.56 -4.44 9.21	50.97 -4.41 0.38	68.67 -4.34 -6.16	49.97 -2.87 -6.49	42.60 -2.63 -7.15	39.87 -2.07 -5.62	37.08 -2.25 -5.19	35.97 -1.73 -3.80	36.82 -1.64 -1.21
SITHE____INDEPEND 23800	39.49 -1.64 -0.03	36.07 -1.54 0.00	34.14 -1.46 -0.08	32.72 -1.42 -0.34	33.27 -1.37 -0.36	35.31 -1.42 -1.17	67.69 -3.26 0.00	65.21 -4.94 34.94	55.95 -4.78 41.06	49.69 -4.30 37.52	47.50 -2.76 9.79	41.87 -2.43 8.56	43.59 -2.38 7.01	44.68 -2.47 7.80	42.71 -2.38 7.81	46.23 -2.53 7.45	46.30 -2.51 6.94	67.98 -2.54 -3.66	48.45 -1.76 -3.86	40.87 -1.45 -4.25	38.27 -1.38 -3.34	36.49 -1.30 -3.64	36.13 -1.36 -3.59	36.94 -1.45 -1.14
SITHE____MASSENA 23902	41.51 0.41 0.00	37.99 0.38 0.00	35.95 0.43 0.00	34.21 0.41 0.00	34.59 0.31 0.00	35.79 0.21 0.00	72.38 1.42 0.00	103.63 1.99 3.44	99.48 1.73 4.04	89.55 1.73 3.70	59.41 0.30 0.94	52.33 0.27 0.79	52.60 0.27 0.65	54.48 0.28 0.74	52.38 0.21 0.73	55.73 0.23 0.71	55.86 0.11 0.00	67.06 0.20 0.00	46.49 0.14 0.00	38.22 0.15 0.00	36.42 0.11 0.00	34.35 0.21 0.00	34.07 0.17 0.00	37.47 0.22 0.00
SITHE____OGDNSBRG 24021	42.17 1.07 -0.01	38.59 0.98 0.00	36.53 0.99 -0.01	34.80 0.95 -0.06	35.13 0.79 -0.06	36.21 0.64 0.00	73.51 2.55 0.00	105.35 3.78 3.51	101.13 3.46 4.13	91.04 3.29 3.77	60.31 1.20 0.94	53.08 1.00 0.78	53.40 1.06 0.65	55.34 1.15 0.76	53.27 1.11 0.74	56.63 1.12 0.71	56.97 1.23 0.00	68.33 1.47 0.00	47.32 0.97 0.00	38.91 0.84 0.00	37.08 0.76 0.00	35.21 0.85 -0.21	35.27 0.81 -0.55	38.20 0.78 -0.18
SITHE____STERLING 23777	42.19 1.07 -0.02	38.66 1.05 0.00	36.50 0.92 -0.06	34.91 0.85 -0.26	35.48 0.93 -0.27	37.55 1.14 -0.84	73.16 2.20 0.00	84.51 3.46 24.03	76.71 3.16 28.25	68.17 2.47 25.81	55.30 1.74 6.49	48.93 1.53 5.47	49.96 1.54 4.56	51.18 1.59 5.36	49.31 1.64 5.23	53.17 1.85 4.90	57.87 2.12 -0.01	72.24 2.74 -2.64	50.89 1.76 -2.78	42.58 1.45 -3.06	40.03 1.31 -2.41	37.58 1.09 -2.34	36.64 0.92 -1.82	38.76 0.93 -0.58
SLEIGHT__34_KV_TB1 80719	39.96 -1.19 -0.05	36.41 -1.20 0.00	34.57 -1.07 -0.11	33.18 -1.12 -0.50	33.85 -0.96 -0.52	36.36 -1.00 -1.78	67.98 -2.98 0.00	75.26 -3.36 26.46	67.44 -3.26 31.10	60.26 -2.84 28.42	51.12 -1.98 6.95	45.43 -1.74 5.69	46.24 -1.85 4.89	46.95 -1.92 6.07	45.21 -1.90 5.78	49.10 -1.91 5.21	55.12 -1.95 -1.32	70.72 -1.74 -5.60	51.14 -1.11 -5.90	43.59 -0.99 -6.51	40.48 -0.94 -5.11	38.49 -0.99 -5.33	37.62 -1.12 -4.84	37.74 -1.04 -1.54
SOUTH CAIRO____GT 23612	44.96 3.62 -0.24	41.03 3.42 0.00	39.18 3.09 -0.58	39.32 2.98 -2.55	39.92 2.98 -2.65	50.62 2.81 -12.24	76.92 5.96 0.00	100.55 7.35 11.89	94.55 6.72 13.97	84.05 5.31 12.76	65.78 4.26 -1.46	62.83 4.28 -5.69	60.63 4.18 -3.46	57.83 4.29 1.40	58.29 4.28 -1.11	62.56 4.39 -1.96	74.08 4.57 -13.77	110.33 5.08 -38.39	90.32 3.48 -40.49	85.51 2.82 -44.62	74.09 2.72 -35.06	67.34 2.35 -30.84	54.33 2.61 -17.81	45.83 2.91 -5.67

SOUTH HAMPTN___IC 23720	47.15 5.83 -0.22	42.96 5.34 -0.01	40.96 4.94 -0.51	40.69 4.67 -2.22	41.40 4.80 -2.31	59.24 5.12 -18.54	89.47 9.86 -8.66	105.46 13.76 13.39	99.71 13.65 15.74	97.40 11.72 5.83	75.92 8.65 -7.22	70.82 7.61 -10.35	70.78 7.68 -10.12	69.14 8.02 -6.17	67.70 7.88 -6.91	74.15 8.54 -9.39	98.49 8.53 -34.21	131.46 10.69 -53.90	116.12 7.41 -62.35	105.22 6.13 -61.02	99.03 5.88 -56.84	94.94 5.43 -55.36	64.49 5.12 -25.47	53.16 5.51 -10.41
SOUTHDOW_115KV_TB1 355954	40.54 -0.62 -0.06	38.18 0.56 0.00	34.38 -1.28 -0.14	32.99 -1.42 -0.61	33.76 -1.17 -0.64	38.02 0.21 -2.23	68.83 -2.13 0.00	73.48 -5.15 26.45	65.41 -5.29 31.09	57.61 -5.49 28.41	49.80 -3.42 6.82	44.36 -3.01 5.48	44.54 -3.66 4.79	45.04 -3.79 6.12	43.44 -3.70 5.75	47.47 -3.65 5.09	54.10 -3.18 -1.54	72.46 -1.40 -7.00	52.95 -0.79 -7.38	45.41 -0.80 -8.14	42.05 -0.65 -6.39	38.64 -1.84 -6.34	37.74 -1.73 -5.57	37.79 -1.23 -1.77
SOUTHOLD_69_KV_BK 2 55809	47.81 6.49 -0.22	43.60 5.98 -0.01	41.57 5.54 -0.51	41.23 5.21 -2.22	41.98 5.38 -2.31	59.88 5.76 -18.54	90.68 11.07 -8.66	112.98 15.76 7.86	108.03 15.47 9.25	104.89 13.27 -0.10	78.42 9.61 -8.76	73.01 8.46 -11.69	72.71 8.53 -11.20	71.37 9.07 -7.36	69.79 8.78 -8.11	76.17 9.39 -10.57	99.89 9.48 -34.67	132.73 11.97 -53.91	117.05 8.34 -62.35	105.87 6.78 -61.02	99.73 6.57 -56.84	95.70 6.04 -55.51	65.42 5.66 -25.86	53.89 6.11 -10.53
SOUTHOLD___IC 23719	47.81 6.49 -0.22	43.60 5.98 -0.01	41.57 5.54 -0.51	41.22 5.20 -2.22	41.98 5.38 -2.31	59.88 5.76 -18.54	90.82 11.21 -8.66	107.45 15.76 13.39	101.53 15.47 15.74	98.95 13.27 5.83	76.87 9.61 -7.22	71.72 8.51 -10.35	71.63 8.53 -10.12	70.08 8.96 -6.17	68.60 8.78 -6.91	75.11 9.50 -9.39	99.60 9.65 -34.21	132.87 12.11 -53.91	117.14 8.44 -62.35	106.02 6.93 -61.02	99.80 6.65 -56.84	95.62 6.11 -55.36	65.13 5.76 -25.47	53.80 6.14 -10.41
SOUTH_FORK_WT_PWR 323839	47.89 6.57 -0.22	43.71 6.09 -0.01	41.64 5.61 -0.51	41.29 5.27 -2.22	42.05 5.45 -2.31	59.95 5.83 -18.54	90.96 11.35 -8.66	107.66 15.97 13.39	101.73 15.67 15.74	99.14 13.46 5.83	77.00 9.73 -7.22	71.77 8.56 -10.35	71.74 8.64 -10.12	70.13 9.01 -6.17	68.65 8.83 -6.91	75.22 9.61 -9.39	99.66 9.70 -34.21	133.00 12.24 -53.90	117.19 8.48 -62.35	106.10 7.00 -61.02	99.87 6.72 -56.84	95.65 6.14 -55.36	65.16 5.80 -25.47	53.84 6.18 -10.41
SPIERFLS_115KV_TB 1 80737	43.62 2.26 -0.26	39.79 2.18 0.00	38.17 2.02 -0.62	38.48 1.93 -2.75	39.21 2.06 -2.86	59.20 2.28 -21.35	74.79 3.83 0.00	104.00 5.46 6.55	99.19 5.09 7.70	87.59 3.11 7.03	66.58 3.18 -3.35	63.24 2.64 -7.74	60.59 2.44 -5.17	57.46 2.31 -0.20	58.03 2.27 -2.86	62.27 2.59 -3.47	83.47 2.90 -24.83	137.19 3.34 -66.99	119.45 2.46 -70.64	117.82 1.90 -77.85	99.22 1.74 -61.17	85.20 1.54 -49.51	54.83 1.39 -19.54	44.92 1.45 -6.22
ST LAWRENCE___ 23600	41.02 -0.08 0.00	37.50 -0.11 0.00	35.49 -0.04 0.00	33.80 0.00 0.00	34.18 -0.10 0.00	35.39 -0.18 0.00	71.46 0.50 0.00	103.08 0.63 2.63	99.11 0.41 3.10	89.24 0.55 2.83	58.90 -0.36 0.79	51.81 -0.32 0.73	52.10 -0.32 0.57	54.05 -0.33 0.57	51.98 -0.32 0.60	55.22 -0.39 0.61	55.30 -0.45 0.00	66.32 -0.54 0.00	46.03 -0.32 0.00	37.80 -0.26 0.00	36.02 -0.29 0.00	33.98 -0.17 0.00	33.70 -0.20 0.00	37.06 -0.19 0.00
STATE_CA_115KV_115_LB 55624	43.37 2.01 -0.26	39.53 1.92 0.00	37.90 1.78 -0.61	38.15 1.66 -2.69	38.77 1.68 -2.81	54.03 1.78 -16.68	73.87 2.91 0.00	102.02 3.57 6.64	97.46 3.46 7.80	87.31 2.93 7.13	66.39 3.12 -3.22	63.14 2.75 -7.53	60.74 2.70 -5.05	57.96 2.80 -0.21	58.40 2.70 -2.80	62.37 2.81 -3.35	77.78 2.68 -19.36	122.26 3.08 -52.32	103.66 2.13 -55.18	100.70 1.83 -60.81	85.87 1.78 -47.77	75.87 1.60 -40.12	54.72 1.66 -19.16	45.21 1.86 -6.10
STATE_ST_34_KV_LOAD 55959	40.90 -0.25 -0.05	37.42 -0.19 0.00	35.32 -0.32 -0.12	33.97 -0.34 -0.51	34.65 -0.17 -0.53	37.38 -0.04 -1.85	70.25 -0.71 0.00	77.97 -0.95 26.16	70.13 -0.92 30.75	62.50 -0.92 28.10	52.68 -0.54 6.83	46.82 -0.48 5.56	47.81 -0.37 4.80	48.50 -0.44 6.01	46.78 -0.42 5.70	50.71 -0.39 5.11	57.58 -0.28 -2.12	73.06 0.40 -5.80	52.84 0.37 -6.11	45.07 0.27 -6.74	41.82 0.22 -5.29	39.64 0.03 -5.46	38.55 -0.20 -4.85	38.60 -0.19 -1.55
STATION 5_MISC_HYD 23604	39.71 -1.44 -0.05	36.18 -1.43 0.00	34.39 -1.24 -0.11	32.99 -1.32 -0.51	33.68 -1.13 -0.53	36.03 -1.35 -1.81	66.77 -4.19 0.00	55.06 -4.73 45.30	44.08 -4.48 53.25	39.02 -3.84 48.65	45.10 -2.76 12.19	40.21 -2.43 10.22	41.61 -2.81 8.56	41.90 -2.91 10.13	40.13 -2.91 9.85	44.10 -2.93 9.19	52.23 -3.01 0.50	69.40 -3.14 -5.68	50.30 -2.04 -5.99	42.80 -1.86 -6.60	39.90 -1.60 -5.18	37.51 -1.54 -4.89	36.25 -1.19 -3.54	37.10 -1.27 -1.13
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	40.41 -0.74 -0.05	36.90 -0.71 0.00	34.96 -0.67 -0.11	33.56 -0.74 -0.51	34.27 -0.55 -0.53	36.85 -0.53 -1.81	68.69 -2.27 0.00	76.38 -2.31 26.39	68.55 -2.24 31.01	61.07 -2.10 28.34	51.70 -1.44 6.91	45.95 -1.27 5.64	46.64 -1.48 4.86	47.30 -1.59 6.06	45.61 -1.53 5.76	49.52 -1.52 5.18	55.67 -1.45 -1.37	71.47 -1.07 -5.68	51.69 -0.65 -5.99	44.06 -0.61 -6.60	40.92 -0.58 -5.19	38.89 -0.65 -5.40	38.01 -0.78 -4.88	38.13 -0.67 -1.56
STA_56_34_KV_BUS2_REV_LBMP_B 345033	39.59 -1.56 -0.05	36.03 -1.58 0.00	34.25 -1.39 -0.11	32.85 -1.45 -0.51	33.54 -1.27 -0.53	35.95 -1.42 -1.80	66.63 -4.33 0.00	73.71 -4.94 26.44	66.04 -4.68 31.07	59.00 -4.12 28.39	50.24 -2.88 6.93	44.66 -2.54 5.66	45.25 -2.86 4.88	45.91 -2.97 6.07	44.22 -2.91 5.77	48.04 -2.98 5.19	53.78 -3.07 -1.10	69.37 -3.14 -5.65	50.23 -2.09 -5.96	42.85 -1.79 -6.57	39.84 -1.63 -5.16	37.96 -1.57 -5.39	37.24 -1.56 -4.90	37.39 -1.42 -1.56
STA_56___34_KV_BUS2 355983	39.59 -1.56 -0.05	36.03 -1.58 0.00	34.25 -1.39 -0.11	32.85 -1.45 -0.51	33.54 -1.27 -0.53	35.95 -1.42 -1.80	66.63 -4.33 0.00	73.71 -4.94 26.44	66.04 -4.68 31.07	59.00 -4.12 28.39	50.24 -2.88 6.93	44.66 -2.54 5.66	45.25 -2.86 4.88	45.91 -2.97 6.07	44.22 -2.91 5.77	48.04 -2.98 5.19	53.78 -3.07 -1.10	69.37 -3.14 -5.65	50.23 -2.09 -5.96	42.85 -1.79 -6.57	39.84 -1.63 -5.16	37.96 -1.57 -5.39	37.24 -1.56 -4.90	37.39 -1.42 -1.56
STA_67___115KV_BK2 355882	39.67 -1.48 -0.05	36.11 -1.50 0.00	34.32 -1.31 -0.11	32.92 -1.39 -0.51	33.61 -1.20 -0.53	36.03 -1.35 -1.81	66.63 -4.33 0.00	73.72 -4.94 26.42	66.06 -4.68 31.05	58.93 -4.21 28.37	50.25 -2.88 6.92	44.62 -2.59 5.65	45.20 -2.91 4.87	45.86 -3.02 6.07	44.12 -3.02 5.77	47.94 -3.09 5.19	53.65 -3.18 -1.08	69.26 -3.28 -5.67	50.20 -2.13 -5.98	42.84 -1.83 -6.59	39.82 -1.67 -5.18	37.95 -1.60 -5.40	37.29 -1.53 -4.91	37.51 -1.30 -1.56
STA_7___115KV_9TRANS 80674	39.92 -1.23 -0.05	36.33 -1.28 0.00	34.53 -1.10 -0.11	33.09 -1.22 -0.51	33.82 -0.99 -0.53	36.24 -1.14 -1.81	67.13 -3.83 0.00	74.57 -4.10 26.42	66.88 -3.87 31.05	59.67 -3.48 28.37	50.73 -2.40 6.92	45.04 -2.17 5.65	45.57 -2.54 4.87	46.24 -2.64 6.07	44.54 -2.59 5.77	48.39 -2.64 5.18	54.16 -2.68 -1.09	69.86 -2.67 -5.68	50.62 -1.72 -5.99	43.18 -1.48 -6.60	40.12 -1.38 -5.18	38.22 -1.33 -5.41	37.49 -1.32 -4.91	37.69 -1.12 -1.57

STA_82___115KV_TB1 80780	39.67 -1.48 -0.05	36.14 -1.47 0.00	34.36 -1.28 -0.11	32.92 -1.39 -0.51	33.65 -1.17 -0.53	36.07 -1.32 -1.81	66.63 -4.33 0.00	73.74 -4.94 26.40	66.09 -4.68 31.03	59.04 -4.12 28.35	50.25 -2.88 6.91	44.63 -2.59 5.64	45.21 -2.91 4.86	45.86 -3.02 6.06	44.17 -2.96 5.76	48.00 -3.04 5.18	53.73 -3.12 -1.11	69.34 -3.21 -5.69	50.22 -2.13 -6.00	42.90 -1.79 -6.62	39.88 -1.63 -5.20	37.99 -1.57 -5.42	37.30 -1.53 -4.92	37.51 -1.30 -1.57
STEEL___WIND 323596	39.02 -2.14 -0.06	36.45 -1.17 0.00	33.35 -2.31 -0.13	31.99 -2.40 -0.59	32.81 -2.09 -0.62	36.44 -1.28 -2.15	65.50 -5.46 0.00	51.31 -8.83 44.94	40.42 -8.55 52.83	35.38 -7.87 48.27	42.60 -5.40 12.04	38.04 -4.76 10.06	39.27 -5.25 8.46	39.47 -5.38 10.09	37.72 -5.40 9.78	41.58 -5.57 9.07	50.20 -5.41 0.14	68.67 -4.95 -6.75	50.27 -3.20 -7.12	43.06 -2.86 -7.85	40.12 -2.36 -6.17	36.73 -3.04 -5.62	35.56 -2.47 -4.13	36.21 -2.35 -1.32
STEPHTWN_115KV_BK_2 55603	43.70 2.34 -0.25	39.83 2.22 0.00	38.15 2.02 -0.60	38.36 1.89 -2.67	38.99 1.92 -2.78	52.45 2.06 -14.82	74.51 3.55 0.00	103.03 4.62 6.67	98.44 4.48 7.84	88.19 3.84 7.16	66.99 3.78 -3.16	63.68 3.38 -7.44	61.21 3.23 -5.00	58.46 3.30 -0.22	58.90 3.23 -2.77	62.88 3.37 -3.29	76.17 3.23 -17.19	117.10 3.74 -46.49	97.98 2.60 -49.03	94.27 2.17 -54.04	80.87 2.11 -42.45	72.47 1.95 -36.38	54.85 1.97 -18.98	45.49 2.20 -6.05
STEBEN_REC_LFGE 323667	41.29 0.12 -0.07	38.33 0.71 0.00	35.44 -0.25 -0.16	34.15 -0.37 -0.72	35.01 -0.03 -0.75	38.98 0.71 -2.69	69.82 -1.14 0.00	79.80 -1.26 24.03	71.93 -1.63 28.24	63.79 -1.92 25.80	52.79 -1.44 5.82	47.22 -1.32 4.32	47.64 -1.38 3.97	47.94 -1.37 5.63	46.72 -1.11 5.06	51.05 -0.90 4.27	57.68 -0.39 -2.33	76.38 1.07 -8.45	56.33 1.07 -8.91	48.69 0.80 -9.82	44.94 0.91 -7.72	41.68 0.07 -7.47	39.54 -0.31 -5.94	39.29 0.15 -1.89
STILLWATER___SOLAR 323814	43.99 2.63 -0.26	40.09 2.48 0.00	38.45 2.31 -0.62	38.73 2.20 -2.73	39.43 2.30 -2.85	58.90 2.45 -20.88	75.29 4.33 0.00	100.03 6.09 11.15	94.40 5.70 13.10	83.94 4.39 11.97	65.99 3.90 -2.04	62.82 3.39 -6.58	60.47 3.23 -4.26	57.43 3.24 0.76	57.94 3.17 -1.87	62.16 3.49 -2.46	83.44 3.79 -23.90	136.65 4.28 -65.50	118.44 3.01 -69.08	116.64 2.44 -76.13	98.45 2.33 -59.81	84.68 2.12 -48.42	55.08 2.07 -19.11	45.57 2.23 -6.09
STONY___BROOK 24151	46.13 4.81 -0.22	42.02 4.40 -0.01	40.11 4.08 -0.51	39.84 3.82 -2.22	40.54 3.94 -2.31	58.32 4.16 -18.58	87.49 7.88 -8.66	102.83 11.13 13.39	97.16 11.10 15.74	95.41 9.70 5.80	74.56 7.26 -7.25	69.68 6.45 -10.37	69.64 6.52 -10.14	67.95 6.81 -6.19	66.48 6.67 -6.91	72.81 7.20 -9.39	97.25 7.19 -34.31	129.78 8.89 -54.03	114.97 6.12 -62.50	104.17 4.95 -61.16	98.09 4.79 -56.98	94.12 4.47 -55.50	63.64 4.27 -25.47	52.25 4.58 -10.43
STURGEON_POOL_HYD 23609	43.66 2.34 -0.22	39.76 2.14 0.00	37.99 1.95 -0.52	37.95 1.86 -2.29	38.59 1.92 -2.38	46.05 1.67 -8.80	74.08 3.12 0.00	101.18 3.78 7.68	96.64 3.87 9.03	86.74 3.48 8.25	65.30 3.12 -2.13	61.43 2.91 -5.66	59.14 3.02 -3.13	56.42 3.13 1.66	56.75 3.07 -0.79	61.63 3.04 -2.38	68.51 2.62 -10.14	97.89 3.41 -27.62	77.71 2.22 -29.13	71.92 1.75 -32.10	63.28 1.74 -25.22	59.31 1.64 -23.53	52.12 1.80 -16.43	44.53 2.05 -5.23
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	43.35 2.05 -0.20	39.53 1.92 0.00	37.76 1.78 -0.46	37.51 1.66 -2.06	38.14 1.71 -2.14	44.64 1.74 -7.33	73.87 2.91 0.00	100.56 3.68 8.19	96.04 3.87 9.63	86.10 3.39 8.80	64.63 3.06 -1.52	59.27 2.70 -3.71	54.50 2.76 1.24	48.83 2.86 8.97	50.19 2.75 5.46	60.97 2.92 -1.83	67.03 2.90 -8.38	93.67 3.81 -22.99	73.15 2.55 -24.25	66.73 1.94 -26.72	59.23 1.92 -21.00	55.98 1.84 -19.99	50.40 1.73 -14.77	43.92 1.97 -4.71
SWANROAD_115KV_TB1 355699	37.54 -3.62 -0.05	34.72 -2.90 0.00	32.35 -3.30 -0.13	31.02 -3.35 -0.57	31.83 -3.05 -0.59	34.82 -2.81 -2.06	62.02 -8.94 0.00	65.34 -12.50 27.24	57.67 -12.11 32.02	51.37 -10.89 29.25	45.44 -7.45 7.16	40.43 -6.55 5.88	40.83 -7.10 5.06	41.32 -7.36 6.27	39.68 -7.25 5.97	43.26 -7.59 5.37	49.27 -7.69 -1.22	65.02 -8.29 -6.45	47.68 -5.47 -6.80	41.03 -4.53 -7.49	38.13 -4.07 -5.89	35.88 -4.13 -5.86	35.33 -3.86 -5.30	35.65 -3.28 -1.69
SYNERGY___BIOGAS 323694	39.34 -1.81 -0.05	36.18 -1.43 0.00	33.90 -1.74 -0.12	32.45 -1.89 -0.55	33.24 -1.61 -0.57	36.07 -1.46 -1.96	65.85 -5.11 0.00	53.17 -6.52 45.39	42.23 -6.21 53.35	37.09 -5.67 48.75	43.69 -4.14 12.22	38.91 -3.70 10.25	40.15 -4.24 8.59	40.38 -4.40 10.17	38.62 -4.39 9.89	42.56 -4.44 9.21	50.97 -4.41 0.38	68.67 -4.34 -6.16	49.97 -2.87 -6.49	42.60 -2.63 -7.15	39.87 -2.07 -5.62	37.08 -2.25 -5.19	35.97 -1.73 -3.80	36.82 -1.64 -1.21
SYRACUSE___ENERGY_ST1 323597	40.61 -0.53 -0.04	37.12 -0.49 0.00	35.09 -0.53 -0.10	33.71 -0.54 -0.45	34.35 -0.41 -0.47	36.79 -0.39 -1.61	69.68 -1.28 0.00	76.47 -2.00 26.61	68.49 -2.04 31.28	61.20 -1.74 28.58	51.89 -1.08 7.08	46.08 -0.90 5.88	47.19 -0.79 5.00	48.05 -0.82 6.07	46.26 -0.79 5.84	50.05 -0.84 5.32	56.95 -0.78 -1.99	71.63 -0.27 -5.04	51.52 -0.14 -5.31	43.81 -0.11 -5.85	40.73 -0.18 -4.60	38.74 -0.24 -4.83	37.94 -0.41 -4.45	38.25 -0.41 -1.42
SYRACUSE___ENERGY_ST2 323598	40.61 -0.53 -0.04	37.12 -0.49 0.00	35.09 -0.53 -0.10	33.71 -0.54 -0.45	34.35 -0.41 -0.47	36.79 -0.39 -1.61	69.68 -1.28 0.00	76.47 -2.00 26.61	68.49 -2.04 31.28	61.20 -1.74 28.58	51.89 -1.08 7.08	46.08 -0.90 5.88	47.19 -0.79 5.00	48.05 -0.82 6.07	46.26 -0.79 5.84	50.05 -0.84 5.32	56.95 -0.78 -1.99	71.63 -0.27 -5.04	51.52 -0.14 -5.31	43.81 -0.11 -5.85	40.73 -0.18 -4.60	38.74 -0.24 -4.83	37.94 -0.41 -4.45	38.25 -0.41 -1.42
SYRACUSE___POWER 24017	40.53 -0.62 -0.04	37.08 -0.53 0.00	35.02 -0.60 -0.10	33.65 -0.61 -0.46	34.29 -0.48 -0.48	36.78 -0.43 -1.63	69.61 -1.35 0.00	77.39 -2.21 25.48	69.71 -2.14 29.95	62.13 -2.01 27.37	52.18 -1.14 6.73	46.31 -1.00 5.54	47.34 -0.90 4.75	48.18 -0.93 5.83	46.42 -0.90 5.58	50.21 -0.96 5.05	56.55 -0.89 -1.69	71.58 -0.40 -5.12	51.57 -0.19 -5.40	43.83 -0.19 -5.95	40.77 -0.22 -4.68	38.73 -0.31 -4.89	37.90 -0.47 -4.48	38.19 -0.48 -1.43
TALLMAN___138KV_BK151 55660	43.48 2.18 -0.20	39.60 1.99 0.00	37.84 1.85 -0.47	37.66 1.76 -2.10	38.29 1.82 -2.19	44.91 1.85 -7.49	73.94 2.98 0.00	100.97 3.99 8.10	96.45 4.17 9.52	86.38 3.57 8.70	64.92 3.24 -1.63	59.43 2.85 -3.72	54.12 2.91 1.78	47.76 3.02 10.21	49.45 2.96 6.41	61.24 3.09 -1.93	67.38 3.07 -8.57	94.30 3.94 -23.49	73.81 2.69 -24.77	67.43 2.06 -27.30	59.80 2.03 -21.45	56.51 1.95 -20.42	50.84 1.86 -15.08	44.17 2.12 -4.80
TEALLAVE_115KV_TB7 355573	40.28 -0.86 -0.04	36.82 -0.79 0.00	34.80 -0.82 -0.09	33.41 -0.81 -0.42	34.00 -0.72 -0.43	36.35 -0.68 -1.46	69.11 -1.84 0.00	76.93 -3.05 25.10	69.35 -2.95 29.50	61.90 -2.65 26.96	51.73 -1.62 6.70	45.90 -1.37 5.58	46.92 -1.32 4.74	47.85 -1.37 5.72	46.11 -1.27 5.52	49.82 -1.35 5.04	55.78 -1.34 -1.37	70.49 -0.94 -4.57	50.57 -0.60 -4.82	42.88 -0.49 -5.31	39.97 -0.51 -4.17	38.03 -0.55 -4.43	37.35 -0.71 -4.16	37.82 -0.74 -1.33

TELGRAPH_34_KV_EAST 80808	38.56 -2.59 -0.05	35.58 -2.03 0.00	33.19 -2.45 -0.13	31.82 -2.54 -0.55	32.64 -2.23 -0.58	35.61 -1.96 -2.00	64.22 -6.74 0.00	68.93 -9.14 27.01	61.30 -8.75 31.75	54.55 -7.96 29.01	47.44 -5.52 7.09	42.19 -4.86 5.81	42.52 -5.46 5.00	43.08 -5.66 6.21	41.38 -5.61 5.91	45.11 -5.79 5.31	51.15 -5.80 -1.20	67.11 -6.02 -6.27	49.02 -3.94 -6.61	42.04 -3.31 -7.28	39.17 -2.87 -5.72	36.94 -2.97 -5.76	36.33 -2.78 -5.21	36.63 -2.27 -1.66
TEMPLE___115KV_TB 2 55572	40.28 -0.86 -0.04	36.86 -0.75 0.00	34.83 -0.78 -0.10	33.44 -0.78 -0.42	34.04 -0.69 -0.44	36.40 -0.64 -1.47	69.11 -1.84 0.00	76.90 -2.94 25.24	69.28 -2.85 29.67	61.84 -2.56 27.11	51.76 -1.56 6.73	45.93 -1.32 5.61	46.95 -1.27 4.77	47.87 -1.32 5.76	46.13 -1.22 5.55	49.85 -1.29 5.07	55.85 -1.28 -1.38	70.61 -0.87 -4.62	50.67 -0.56 -4.87	42.98 -0.46 -5.37	40.06 -0.47 -4.22	38.11 -0.51 -4.47	37.42 -0.68 -4.20	37.87 -0.71 -1.34
TIANA___69_KV_BK 1 55817	46.95 5.63 -0.22	42.81 5.19 -0.01	40.82 4.80 -0.51	40.55 4.53 -2.22	41.26 4.66 -2.31	59.06 4.94 -18.54	89.05 9.44 -8.66	110.56 13.35 7.86	105.79 13.23 9.25	102.96 11.35 -0.10	77.22 8.41 -8.76	71.95 7.40 -11.69	71.65 7.47 -11.20	70.22 7.91 -7.36	68.68 7.67 -8.11	74.99 8.21 -10.57	98.55 8.14 -34.67	131.00 10.23 -53.91	115.84 7.14 -62.35	104.88 5.79 -61.02	98.78 5.63 -56.84	94.88 5.22 -55.51	64.64 4.88 -25.86	53.11 5.33 -10.53
TILDEN___115KV_TB1 80814	40.53 -0.62 -0.04	37.08 -0.53 0.00	35.02 -0.60 -0.10	33.65 -0.61 -0.46	34.29 -0.48 -0.48	36.78 -0.43 -1.63	69.61 -1.35 0.00	77.39 -2.21 25.48	69.71 -2.14 29.95	62.13 -2.01 27.37	52.18 -1.14 6.73	46.31 -1.00 5.54	47.34 -0.90 4.75	48.18 -0.93 5.83	46.42 -0.90 5.58	50.21 -0.96 5.05	56.55 -0.89 -1.69	71.58 -0.40 -5.12	51.57 -0.19 -5.40	43.83 -0.19 -5.95	40.77 -0.22 -4.68	38.73 -0.31 -4.89	37.90 -0.47 -4.48	38.19 -0.48 -1.43
TRIGEN___CC 323695	44.90 3.58 -0.23	40.90 3.27 -0.02	39.13 3.09 -0.52	38.93 2.91 -2.23	39.59 2.98 -2.32	64.41 3.02 -25.82	85.01 5.39 -8.66	104.79 7.57 7.86	100.30 7.74 9.24	104.22 6.77 -5.94	78.83 5.34 -13.43	73.23 4.81 -15.56	72.90 4.87 -15.04	70.19 5.17 -10.07	65.98 4.97 -8.11	71.95 5.17 -10.57	112.88 5.02 -52.11	146.84 6.22 -73.76	137.61 4.22 -87.04	124.41 3.35 -83.00	119.73 3.27 -80.15	116.04 3.21 -78.68	62.85 3.09 -25.86	54.95 3.43 -14.28
TRINITY___115KV__ 4 BK 55933	43.24 1.89 -0.25	39.38 1.77 0.00	37.76 1.63 -0.60	37.99 1.52 -2.67	38.61 1.54 -2.78	52.31 1.64 -15.10	73.51 2.55 0.00	101.36 2.94 6.66	96.82 2.85 7.83	86.83 2.47 7.16	65.98 2.76 -3.17	62.80 2.48 -7.46	60.43 2.44 -5.01	57.70 2.53 -0.22	58.12 2.43 -2.79	62.05 2.53 -3.30	75.67 2.40 -17.53	116.93 2.67 -47.39	98.18 1.85 -49.98	94.78 1.64 -55.08	81.18 1.60 -43.27	72.57 1.47 -36.96	54.48 1.56 -19.01	45.02 1.71 -6.06
UNION___PROCESSING_DRP 323587	39.71 -1.44 -0.05	36.14 -1.47 0.00	34.36 -1.28 -0.11	32.96 -1.35 -0.51	33.65 -1.17 -0.53	36.07 -1.32 -1.82	66.70 -4.26 0.00	73.85 -4.83 26.40	66.19 -4.58 31.03	59.05 -4.12 28.35	50.32 -2.82 6.91	44.68 -2.54 5.64	45.26 -2.86 4.86	45.92 -2.97 6.06	44.17 -2.96 5.76	48.00 -3.04 5.18	53.74 -3.12 -1.11	69.35 -3.21 -5.70	50.27 -2.09 -6.01	42.90 -1.79 -6.62	39.88 -1.63 -5.20	38.00 -1.57 -5.42	37.30 -1.53 -4.92	37.55 -1.27 -1.57
UPPER HUDSON___HYD 24058	43.62 2.26 -0.26	39.79 2.18 0.00	38.16 2.02 -0.62	38.51 1.96 -2.75	39.21 2.06 -2.86	59.20 2.28 -21.35	74.79 3.83 0.00	99.41 5.46 11.14	93.80 5.09 13.09	82.67 3.11 11.96	65.24 3.12 -2.07	62.13 2.64 -6.63	59.70 2.44 -4.27	56.47 2.31 0.79	57.04 2.27 -1.87	61.29 2.59 -2.49	83.32 3.12 -24.45	137.19 3.34 -66.99	119.45 2.45 -70.64	117.82 1.90 -77.85	99.22 1.74 -61.17	85.11 1.57 -49.39	54.54 1.42 -19.21	44.82 1.45 -6.12
UPPER RAQUET___HYD 24056	41.40 0.29 -0.01	37.84 0.23 0.00	35.86 0.32 -0.02	34.17 0.30 -0.07	34.43 0.07 -0.07	35.25 -0.32 0.00	71.31 0.36 0.00	98.27 0.53 7.34	93.37 0.20 8.63	83.99 0.37 7.89	57.56 -0.48 2.00	50.79 -0.37 1.70	51.23 -0.37 1.39	53.04 -0.33 1.58	50.97 -0.37 1.56	54.31 -0.39 1.52	54.80 -0.61 0.34	66.26 -0.60 0.00	45.89 -0.46 0.00	37.76 -0.31 0.00	36.06 -0.25 0.00	34.43 0.10 -0.18	34.46 0.07 -0.49	37.51 0.11 -0.16
VALLEY44_115KV_TB2 355964	39.31 -1.85 -0.06	37.91 0.30 0.00	33.17 -2.49 -0.14	31.92 -2.50 -0.62	32.74 -2.19 -0.64	38.08 0.25 -2.25	68.69 -2.27 0.00	70.87 -7.88 26.33	63.02 -7.84 30.95	55.09 -8.14 28.27	48.17 -5.10 6.77	42.84 -4.60 5.42	43.52 -4.72 4.75	43.96 -4.89 6.10	42.42 -4.76 5.72	46.28 -4.89 5.05	52.98 -4.35 -1.58	71.79 -2.14 -7.07	52.61 -1.21 -7.46	45.11 -1.18 -8.22	41.83 -0.94 -6.46	37.78 -2.77 -6.40	36.56 -2.95 -5.60	36.46 -2.57 -1.79
VALLEY___115KV_TB 1-4 80826	41.93 0.82 -0.01	38.40 0.79 0.00	36.32 0.78 -0.01	34.57 0.71 -0.06	35.11 0.75 -0.07	36.39 0.82 0.00	72.59 1.63 0.00	104.56 2.94 3.46	100.58 2.85 4.07	90.27 2.47 3.72	60.94 1.80 0.91	53.65 1.53 0.75	53.90 1.54 0.62	55.74 1.54 0.75	53.71 1.53 0.72	57.16 1.63 0.69	57.22 1.67 0.20	68.53 1.67 0.00	47.42 1.07 0.00	38.94 0.88 0.00	37.11 0.80 0.00	35.15 0.79 -0.22	35.20 0.71 -0.59	38.21 0.78 -0.19
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	44.00 2.79 -0.11	40.32 2.71 0.00	38.19 2.42 -0.26	37.14 2.20 -1.15	37.78 2.30 -1.19	44.51 2.60 -6.34	76.00 5.04 0.00	96.40 6.94 15.62	90.36 6.92 18.36	80.78 6.04 16.78	62.27 4.68 2.47	56.39 4.07 0.54	55.75 4.08 1.32	55.05 4.07 3.97	54.13 4.02 2.79	58.89 4.22 1.54	67.11 4.29 -7.08	92.37 5.62 -19.89	71.08 3.75 -20.98	64.31 3.12 -23.12	57.45 2.98 -18.16	52.51 2.56 -15.80	45.03 2.34 -8.79	42.58 2.53 -2.80
VISCHER___FERRY HYD 24020	43.74 2.38 -0.26	39.83 2.22 0.00	38.15 2.02 -0.61	38.42 1.93 -2.69	39.08 1.99 -2.81	56.84 2.13 -19.13	74.58 3.62 0.00	98.71 4.84 11.20	93.32 4.69 13.17	83.32 3.84 12.03	65.53 3.54 -1.94	62.36 3.06 -6.44	60.21 3.02 -4.20	57.33 3.08 0.69	57.79 3.01 -1.88	61.79 3.20 -2.38	80.95 3.34 -21.85	130.70 3.81 -60.03	112.30 2.64 -63.30	110.04 2.21 -69.76	93.27 2.14 -54.81	80.99 1.98 -44.86	54.66 1.93 -18.83	45.40 2.16 -6.00
V_A_10_SYNC_DSASP 323832	38.60 -2.55 -0.05	35.20 -2.41 0.00	33.47 -2.17 -0.12	32.07 -2.26 -0.53	32.85 -1.99 -0.56	35.17 -2.31 -1.91	63.93 -7.03 0.00	52.42 -8.51 44.16	41.66 -8.24 51.90	36.86 -7.23 47.42	43.19 -5.10 11.75	38.68 -4.44 9.74	39.84 -4.93 8.22	39.94 -5.11 9.90	38.27 -5.08 9.55	42.15 -5.23 8.84	50.00 -5.46 0.28	66.65 -6.22 -6.00	48.65 -4.03 -6.33	41.54 -3.50 -6.97	38.74 -3.05 -5.48	36.51 -2.87 -5.23	35.38 -2.24 -3.72	36.23 -2.20 -1.18
V_CMM_10_SYNC_DSASP 323787	41.18 0.08 0.00	37.69 0.08 0.00	35.66 0.14 0.00	33.94 0.14 0.00	34.32 0.03 0.00	35.54 -0.04 0.00	71.74 0.78 0.00	103.50 1.05 2.63	99.51 0.81 3.10	89.60 0.92 2.83	59.14 -0.12 0.79	52.08 -0.05 0.73	52.31 -0.11 0.57	54.32 -0.05 0.57	52.19 -0.11 0.60	55.44 -0.17 0.61	55.52 -0.22 0.00	66.66 -0.20 0.00	46.21 -0.14 0.00	37.99 -0.08 0.00	36.20 -0.11 0.00	34.11 -0.03 0.00	33.83 -0.07 0.00	37.21 -0.04 0.00

V_CMP_10_SYNC_DSASP 323788	42.91 1.81 0.00	39.31 1.69 0.00	37.23 1.70 0.00	34.98 1.18 0.00	35.45 1.17 0.00	36.78 1.21 0.00	74.08 3.12 0.00	105.23 3.05 2.90	100.83 2.44 3.41	91.88 3.48 3.11	61.00 1.74 0.79	53.72 1.53 0.67	53.81 1.38 0.55	55.75 1.43 0.62	53.39 1.11 0.62	56.96 1.35 0.60	57.03 1.28 0.00	68.60 1.74 0.00	47.79 1.44 0.00	39.29 1.22 0.00	37.26 0.94 0.00	35.07 0.92 0.00	34.61 0.71 0.00	38.58 1.34 0.00
V_D_10_SYNC_DSASP 323841	37.54 -3.62 -0.05	34.49 -3.12 0.00	32.42 -3.23 -0.13	31.09 -3.28 -0.57	31.90 -2.98 -0.59	34.54 -3.10 -2.06	61.67 -9.29 0.00	46.61 -12.72 45.75	35.70 -12.32 53.78	31.48 -10.89 49.14	40.14 -7.57 12.34	35.86 -6.61 10.39	37.13 -7.15 8.70	37.27 -7.42 10.26	35.55 -7.35 9.99	39.20 -7.70 9.32	47.48 -7.92 0.35	64.50 -8.83 -6.47	47.38 -5.80 -6.82	40.60 -4.99 -7.52	37.86 -4.36 -5.91	35.16 -4.34 -5.36	34.32 -3.56 -3.97	35.12 -3.39 -1.27
V_E_10_SYNC_DSASP 323830	45.34 4.15 -0.09	41.79 4.17 0.00	39.38 3.66 -0.20	38.09 3.38 -0.91	38.80 3.57 -0.95	43.75 4.16 -4.01	79.47 8.51 0.00	83.19 12.50 34.39	73.28 11.90 40.43	64.64 10.07 36.94	58.39 6.61 8.26	52.73 5.92 6.05	53.57 6.14 5.56	53.09 6.10 7.95	51.80 6.03 7.12	56.69 6.52 6.05	66.41 7.42 -3.24	89.55 10.10 -12.59	66.31 6.68 -13.28	58.15 5.44 -14.63	52.79 4.98 -11.50	48.50 4.06 -10.29	43.84 3.59 -6.35	42.95 3.69 -2.02
V_F_30_NSYNC___DSASP 323816	44.03 2.67 -0.26	40.13 2.52 0.00	38.48 2.34 -0.62	38.77 2.23 -2.74	39.48 2.33 -2.86	59.19 2.53 -21.09	75.43 4.47 0.00	100.14 6.20 11.14	94.61 5.90 13.10	84.12 4.57 11.97	66.12 4.02 -2.05	62.95 3.49 -6.60	60.59 3.34 -4.26	57.53 3.35 0.77	57.99 3.23 -1.87	62.23 3.54 -2.47	83.73 3.84 -24.15	137.37 4.34 -66.17	119.19 3.06 -69.78	117.44 2.47 -76.90	99.09 2.36 -60.42	85.15 2.15 -48.85	55.16 2.10 -19.16	45.62 2.27 -6.10
V_F_30_SYNC_DSASP 323786	43.37 2.01 -0.26	39.53 1.92 0.00	37.90 1.78 -0.61	38.15 1.66 -2.69	38.77 1.68 -2.80	53.90 1.78 -16.55	73.87 2.91 0.00	102.02 3.57 6.64	97.46 3.46 7.80	87.31 2.93 7.13	66.38 3.12 -3.21	63.13 2.75 -7.53	60.74 2.70 -5.05	57.96 2.80 -0.22	58.40 2.70 -2.80	62.37 2.81 -3.34	77.63 2.68 -19.21	121.79 3.01 -51.92	103.19 2.09 -54.75	100.20 1.79 -60.34	85.46 1.74 -47.41	75.61 1.60 -39.86	54.71 1.66 -19.15	45.21 1.86 -6.10
V_XM_10_SYNC_DSASP 323789	42.91 1.81 0.00	39.31 1.69 0.00	37.23 1.70 0.00	34.98 1.18 0.00	35.45 1.17 0.00	36.78 1.21 0.00	74.08 3.12 0.00	105.23 3.05 2.90	100.83 2.44 3.41	91.88 3.48 3.11	61.00 1.74 0.79	53.72 1.53 0.67	53.81 1.38 0.55	55.75 1.43 0.62	53.39 1.11 0.62	56.96 1.35 0.60	57.03 1.28 0.00	68.60 1.74 0.00	47.79 1.44 0.00	39.29 1.22 0.00	37.26 0.94 0.00	35.07 0.92 0.00	34.61 0.71 0.00	38.58 1.34 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	43.64 2.34 -0.20	39.76 2.14 0.00	37.99 1.99 -0.48	37.77 1.86 -2.11	38.44 1.95 -2.20	45.06 1.96 -7.53	74.36 3.41 0.00	101.52 4.52 8.08	96.98 4.68 9.50	86.86 4.03 8.68	65.24 3.54 -1.65	59.69 3.12 -3.71	54.25 3.18 1.91	47.79 3.35 10.51	49.48 3.23 6.64	61.59 3.43 -1.95	67.75 3.40 -8.61	94.90 4.41 -23.63	74.24 2.97 -24.92	67.78 2.25 -27.46	60.14 2.25 -21.57	56.83 2.15 -20.53	51.04 2.00 -15.14	44.34 2.27 -4.82
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	44.19 2.88 -0.21	40.21 2.60 0.00	38.44 2.42 -0.50	38.28 2.26 -2.21	38.92 2.33 -2.30	45.82 2.38 -7.87	74.93 3.97 0.00	102.67 5.46 7.87	98.35 5.80 9.26	88.37 5.31 8.46	66.28 4.32 -1.91	62.79 3.91 -6.02	62.53 3.97 -5.57	62.48 4.12 -3.41	61.67 3.97 -4.80	62.61 4.22 -2.18	68.95 4.18 -9.03	96.83 5.28 -24.68	75.91 3.52 -26.03	69.46 2.70 -28.69	61.50 2.65 -22.54	58.20 2.60 -21.45	52.21 2.47 -15.84	45.12 2.83 -5.04
W50THST__13_KV_LOAD 356117	44.35 3.04 -0.21	40.36 2.75 0.00	38.58 2.56 -0.50	38.41 2.40 -2.21	39.06 2.47 -2.30	45.96 2.53 -7.87	75.22 4.26 0.00	103.30 6.09 7.87	98.96 6.41 9.26	88.82 5.77 8.46	66.64 4.68 -1.91	63.06 4.18 -6.02	62.80 4.24 -5.57	62.81 4.45 -3.41	61.98 4.28 -4.80	62.89 4.50 -2.18	69.29 4.52 -9.03	97.23 5.68 -24.68	76.14 3.75 -26.03	69.65 2.89 -28.69	61.68 2.83 -22.54	58.37 2.77 -21.45	52.35 2.61 -15.84	45.31 3.02 -5.04
WADING RIVER_IC_1 23522	46.66 5.34 -0.22	42.55 4.93 -0.01	40.58 4.55 -0.51	40.31 4.29 -2.22	41.02 4.42 -2.31	58.81 4.70 -18.54	88.55 8.94 -8.66	104.19 12.50 13.39	98.48 12.42 15.74	96.38 10.70 5.83	75.19 7.93 -7.22	70.29 7.09 -10.35	70.20 7.10 -10.12	68.53 7.41 -6.17	67.11 7.30 -6.91	73.54 7.93 -9.39	97.75 7.80 -34.21	130.52 9.76 -53.90	115.46 6.77 -62.34	104.76 5.67 -61.01	98.56 5.41 -56.83	94.52 5.02 -55.35	64.11 4.75 -25.47	52.75 5.10 -10.41
WADING RIVER_IC_2 23547	46.66 5.34 -0.22	42.55 4.93 -0.01	40.58 4.55 -0.51	40.31 4.29 -2.22	41.02 4.42 -2.31	58.81 4.70 -18.54	88.55 8.94 -8.66	104.19 12.50 13.39	98.48 12.42 15.74	96.38 10.70 5.83	75.19 7.93 -7.22	70.29 7.09 -10.35	70.20 7.10 -10.12	68.53 7.41 -6.17	67.11 7.30 -6.91	73.54 7.93 -9.39	97.75 7.80 -34.21	130.52 9.76 -53.90	115.46 6.77 -62.34	104.76 5.67 -61.01	98.56 5.41 -56.83	94.52 5.02 -55.35	64.11 4.75 -25.47	52.75 5.10 -10.41
WADING RIVER_IC_3 23601	46.66 5.34 -0.22	42.55 4.93 -0.01	40.58 4.55 -0.51	40.31 4.29 -2.22	41.02 4.42 -2.31	58.81 4.70 -18.54	88.55 8.94 -8.66	104.19 12.50 13.39	98.48 12.42 15.74	96.38 10.70 5.83	75.19 7.93 -7.22	70.29 7.09 -10.35	70.20 7.10 -10.12	68.53 7.41 -6.17	67.11 7.30 -6.91	73.54 7.93 -9.39	97.75 7.80 -34.21	130.52 9.76 -53.90	115.46 6.77 -62.34	104.76 5.67 -61.01	98.56 5.41 -56.83	94.52 5.02 -55.35	64.11 4.75 -25.47	52.75 5.10 -10.41
WALDENNY_12_KV_BK2 80841	38.94 -2.22 -0.06	36.33 -1.28 0.00	33.31 -2.34 -0.13	31.96 -2.43 -0.59	32.78 -2.13 -0.61	36.43 -1.28 -2.14	65.28 -5.68 0.00	69.21 -8.93 26.94	61.49 -8.65 31.66	54.53 -8.05 28.93	47.62 -5.40 7.03	42.38 -4.76 5.72	42.74 -5.30 4.95	43.29 -5.44 6.21	41.62 -5.40 5.89	45.34 -5.62 5.26	51.59 -5.52 -1.36	68.50 -5.08 -6.72	50.19 -3.24 -7.09	43.10 -2.78 -7.81	39.98 -2.47 -6.14	37.19 -3.04 -6.09	36.41 -2.92 -5.43	36.59 -2.38 -1.73
WALDEN___HYDRO 24148	43.77 2.47 -0.20	39.83 2.22 0.00	38.06 2.06 -0.48	37.91 1.96 -2.15	38.55 2.02 -2.24	45.30 2.06 -7.67	74.50 3.55 0.00	96.06 4.62 13.64	90.45 4.69 16.03	80.99 4.12 14.65	63.70 3.48 -0.17	59.26 3.06 -3.34	56.41 3.13 -0.30	52.66 3.24 5.53	53.29 3.17 2.78	60.42 3.37 -0.84	67.53 3.46 -8.33	95.41 4.48 -24.07	74.70 2.97 -25.38	68.40 2.36 -27.97	60.54 2.25 -21.98	56.98 2.08 -20.75	50.88 2.00 -14.98	44.25 2.23 -4.77
WARRENSBURG____ 23737	43.62 2.26 -0.26	39.79 2.18 0.00	38.16 2.02 -0.62	38.51 1.96 -2.75	39.21 2.06 -2.86	59.20 2.28 -21.35	74.79 3.83 0.00	99.41 5.46 11.14	93.80 5.09 13.09	82.67 3.11 11.96	65.24 3.12 -2.07	62.13 2.64 -6.63	59.70 2.44 -4.27	56.47 2.31 0.79	57.04 2.27 -1.87	61.29 2.59 -2.49	83.32 3.12 -24.45	137.19 3.34 -66.99	119.45 2.45 -70.64	117.82 1.90 -77.85	99.22 1.74 -61.17	85.11 1.57 -49.39	54.54 1.42 -19.21	44.82 1.45 -6.12

WATERSIDE___6 8 9 23538	44.44 3.12 -0.22	40.44 2.82 -0.01	38.66 2.63 -0.51	38.49 2.47 -2.22	39.13 2.54 -2.31	45.93 2.49 -7.87	74.72 3.76 0.00	102.36 5.15 7.87	98.04 5.50 9.26	88.09 5.03 8.46	66.22 4.26 -1.91	62.74 3.86 -6.02	62.47 3.92 -5.57	62.47 4.12 -3.40	61.66 3.97 -4.79	62.56 4.16 -2.18	68.84 4.07 -9.03	96.76 5.22 -24.69	75.82 3.43 -26.03	69.39 2.63 -28.69	61.47 2.61 -22.54	58.23 2.63 -21.46	52.35 2.61 -15.84	45.35 3.05 -5.05
WATKINRD_115KV_LN8_ILLION 55919	41.72 0.62 -0.01	38.21 0.60 0.00	36.14 0.60 -0.01	34.40 0.54 -0.06	34.94 0.58 -0.07	36.21 0.64 0.00	72.16 1.21 0.00	103.93 2.31 3.46	99.97 2.24 4.07	89.72 1.92 3.72	60.52 1.38 0.91	53.33 1.22 0.75	53.58 1.22 0.62	55.41 1.21 0.75	53.39 1.22 0.72	56.82 1.29 0.69	56.89 1.34 0.20	68.20 1.34 0.00	47.19 0.83 0.00	38.75 0.69 0.00	36.97 0.65 0.00	34.95 0.58 -0.22	35.03 0.54 -0.59	38.03 0.60 -0.19
WATSON___69_KV_BK 1 55734	46.50 5.18 -0.22	42.36 4.74 -0.01	40.40 4.37 -0.51	40.14 4.12 -2.22	40.85 4.25 -2.31	58.90 4.48 -18.84	88.06 8.44 -8.66	109.30 12.08 7.86	104.57 12.01 9.25	102.29 10.43 -0.34	76.81 7.81 -8.95	71.63 6.92 -11.85	71.33 6.99 -11.36	69.78 7.36 -7.47	68.15 7.14 -8.11	74.37 7.59 -10.57	98.72 7.58 -35.39	131.08 9.49 -54.72	116.26 6.54 -63.37	105.21 5.22 -61.93	99.20 5.08 -57.80	95.40 4.78 -56.47	64.27 4.51 -25.86	52.85 4.92 -10.69
WDELAWARE___HYD 323627	44.09 2.80 -0.19	40.17 2.56 0.00	38.32 2.34 -0.46	38.05 2.23 -2.02	38.69 2.30 -2.11	45.44 2.38 -7.48	75.29 4.33 0.00	96.50 5.46 14.04	90.79 5.49 16.50	81.19 4.76 15.08	63.78 3.90 0.17	59.15 3.39 -2.91	56.74 3.50 -0.26	53.46 3.57 5.06	53.89 3.54 2.55	60.52 3.77 -0.53	67.67 3.84 -8.08	95.55 5.22 -23.47	74.53 3.43 -24.75	68.09 2.74 -27.27	60.32 2.58 -21.43	56.57 2.35 -20.06	50.26 2.20 -14.16	44.21 2.46 -4.51
WEST BABYLON___IC 23714	46.09 4.77 -0.22	42.02 4.40 -0.01	40.08 4.05 -0.51	39.84 3.82 -2.22	40.54 3.94 -2.31	59.19 4.13 -19.50	87.28 7.66 -8.66	108.15 10.93 7.86	103.55 10.99 9.24	101.99 9.61 -0.87	76.63 7.21 -9.37	71.45 6.40 -12.20	71.15 6.46 -11.70	69.53 6.87 -7.71	67.62 6.61 -8.11	73.75 6.97 -10.57	99.67 6.97 -36.96	131.99 8.62 -56.50	117.91 5.98 -65.58	106.72 4.76 -63.90	100.85 4.65 -59.89	97.07 4.37 -58.55	63.93 4.17 -25.86	52.81 4.54 -11.03
WEST CANADA___HYD 24049	41.31 0.21 -0.01	37.80 0.19 0.00	35.71 0.18 -0.01	34.03 0.17 -0.06	34.52 0.17 -0.07	35.75 0.18 0.00	71.31 0.36 0.00	100.24 0.94 5.79	95.91 0.91 6.80	86.12 0.82 6.22	59.14 0.66 1.57	52.12 0.58 1.32	52.49 0.58 1.08	54.31 0.61 1.25	52.20 0.53 1.23	55.59 0.56 1.18	55.99 0.61 0.37	67.26 0.40 0.00	46.58 0.23 0.00	38.26 0.19 0.00	36.50 0.18 0.00	34.48 0.17 -0.16	34.51 0.17 -0.44	37.57 0.19 -0.14
WESTERN_NY_WIND 24143	39.22 -1.93 -0.05	36.11 -1.50 0.00	33.80 -1.85 -0.12	32.39 -1.96 -0.55	33.18 -1.68 -0.57	36.12 -1.42 -1.98	65.71 -5.25 0.00	71.32 -6.83 26.94	63.62 -6.52 31.66	56.55 -6.04 28.93	48.72 -4.26 7.07	43.21 -3.86 5.79	43.60 -4.40 4.99	44.19 -4.56 6.19	42.51 -4.50 5.90	46.31 -4.61 5.30	52.42 -4.52 -1.19	68.58 -4.48 -6.20	49.97 -2.92 -6.54	42.80 -2.47 -7.21	39.83 -2.14 -5.66	37.58 -2.29 -5.72	36.87 -2.20 -5.17	37.18 -1.71 -1.65
WESTOVER___LESR 323668	41.35 0.16 -0.09	38.03 0.41 0.00	35.74 0.00 -0.21	34.68 -0.07 -0.95	35.38 0.10 -0.99	39.67 0.43 -3.67	70.89 -0.07 0.00	83.48 -0.63 20.97	76.54 -0.61 24.65	68.26 -0.73 22.52	55.42 -0.18 4.45	50.01 -0.16 2.69	50.00 -0.11 2.88	49.73 -0.11 5.10	48.63 -0.05 4.21	53.08 0.00 3.13	59.76 0.06 -3.96	79.17 0.80 -11.51	59.09 0.60 -12.14	51.91 0.46 -13.38	47.26 0.44 -10.51	44.38 0.14 -10.10	41.55 -0.03 -7.69	39.81 0.11 -2.45
WETHRSFD_WT_PWR 323626	39.44 -1.72 -0.06	36.64 -0.98 0.00	33.82 -1.85 -0.15	32.52 -1.93 -0.64	33.31 -1.65 -0.67	36.79 -1.14 -2.36	66.06 -4.90 0.00	53.97 -7.67 43.44	43.10 -7.64 51.06	37.72 -7.14 46.66	43.70 -4.86 11.49	39.12 -4.28 9.46	40.34 -4.61 8.03	40.37 -4.78 9.80	38.84 -4.66 9.40	42.81 -4.78 8.62	51.53 -4.51 -0.30	70.12 -4.15 -7.41	51.57 -2.59 -7.81	44.35 -2.32 -8.61	41.23 -1.85 -6.76	37.96 -2.39 -6.20	36.38 -2.00 -4.48	36.81 -1.86 -1.43
WHAVSTOR_138KV_BK127 55557	43.48 2.18 -0.20	39.57 1.96 0.00	37.85 1.85 -0.48	37.64 1.72 -2.12	38.28 1.78 -2.21	44.93 1.81 -7.54	73.94 2.98 0.00	101.00 3.99 8.08	96.48 4.17 9.49	86.50 3.66 8.67	64.95 3.24 -1.66	59.48 2.91 -3.71	53.93 2.91 1.96	47.40 3.08 10.62	49.13 2.96 6.73	61.32 3.15 -1.96	67.49 3.12 -8.62	94.53 4.01 -23.66	73.99 2.69 -24.95	67.62 2.06 -27.49	59.95 2.03 -21.60	56.68 1.98 -20.56	50.93 1.86 -15.17	44.20 2.12 -4.83
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	43.48 2.18 -0.20	39.57 1.96 0.00	37.85 1.85 -0.48	37.64 1.72 -2.12	38.28 1.78 -2.21	44.93 1.81 -7.54	73.94 2.98 0.00	101.00 3.99 8.08	96.48 4.17 9.49	86.50 3.66 8.67	64.95 3.24 -1.66	59.48 2.91 -3.71	53.93 2.91 1.96	47.40 3.08 10.62	49.13 2.96 6.73	61.32 3.15 -1.96	67.49 3.12 -8.62	94.53 4.01 -23.66	73.99 2.69 -24.95	67.62 2.06 -27.49	59.95 2.03 -21.60	56.68 1.98 -20.56	50.93 1.86 -15.17	44.20 2.12 -4.83
WHITEHAL_115KV_TB1 80871	44.61 3.25 -0.26	40.73 3.12 0.00	39.05 2.91 -0.62	39.32 2.77 -2.75	40.10 2.95 -2.86	60.09 3.27 -21.24	76.99 6.03 0.00	107.36 8.83 6.55	102.14 8.04 7.70	90.06 5.58 7.03	68.38 4.98 -3.34	64.76 4.18 -7.73	61.97 3.81 -5.17	58.89 3.74 -0.21	59.46 3.70 -2.86	63.83 4.16 -3.46	85.02 4.57 -24.70	138.92 5.42 -66.65	120.53 3.89 -70.29	118.57 3.05 -77.46	99.96 2.80 -60.86	85.93 2.49 -49.29	55.69 2.27 -19.51	45.88 2.42 -6.22
WHITEPLN_13_KV_LOAD 356215	44.39 3.08 -0.21	40.43 2.82 0.00	38.65 2.63 -0.50	38.48 2.47 -2.21	39.16 2.57 -2.30	46.06 2.63 -7.86	75.64 4.68 0.00	103.93 6.73 7.88	99.46 6.92 9.26	89.37 6.31 8.46	66.94 4.98 -1.90	63.33 4.44 -6.03	63.08 4.45 -5.65	63.18 4.67 -3.56	62.32 4.50 -4.92	63.17 4.78 -2.18	69.56 4.79 -9.02	97.53 6.02 -24.66	76.43 4.08 -26.00	69.85 3.12 -28.66	61.88 3.05 -22.51	58.48 2.90 -21.43	52.43 2.71 -15.82	45.34 3.05 -5.04
WM_FLOYD_69_KV_BK2 356380	46.50 5.18 -0.22	42.40 4.78 -0.01	40.43 4.40 -0.51	40.18 4.16 -2.22	40.89 4.29 -2.31	58.65 4.52 -18.56	88.13 8.52 -8.66	109.30 12.08 7.86	104.57 12.01 9.25	101.97 10.34 -0.11	76.57 7.75 -8.77	71.38 6.82 -11.70	71.08 6.89 -11.20	69.67 7.36 -7.36	68.15 7.14 -8.11	74.37 7.59 -10.57	97.98 7.53 -34.70	130.24 9.43 -53.95	115.29 6.54 -62.41	104.43 5.29 -61.07	98.36 5.16 -56.89	94.52 4.81 -55.56	64.27 4.51 -25.86	52.70 4.92 -10.54
WOODARD___115KV_TB2 355635	40.24 -0.90 -0.04	36.78 -0.83 0.00	34.76 -0.85 -0.10	33.38 -0.85 -0.43	33.98 -0.75 -0.44	36.35 -0.71 -1.49	68.97 -1.99 0.00	75.83 -3.15 26.10	68.07 -3.05 30.68	60.74 -2.75 28.03	51.38 -1.68 6.98	45.54 -1.48 5.84	46.66 -1.38 4.95	47.57 -1.43 5.95	45.78 -1.38 5.74	49.49 -1.46 5.26	55.81 -1.45 -1.51	70.46 -1.07 -4.67	50.62 -0.65 -4.92	42.92 -0.57 -5.42	39.99 -0.58 -4.26	38.09 -0.58 -4.52	37.41 -0.75 -4.25	37.82 -0.78 -1.35

YORK____WARBASSE	44.61	40.59	38.80	38.62	39.27	45.93	74.58	102.04	97.74	87.82	66.16	62.68	62.47	62.41	61.60	62.50	68.79	96.69	75.82	69.35	61.47	58.23	52.38	45.46
23770	3.29	2.97	2.77	2.60	2.67	2.49	3.62	4.83	5.19	4.76	4.20	3.81	3.92	4.07	3.91	4.10	4.01	5.15	3.43	2.59	2.61	2.63	2.64	3.17
	-0.22	-0.01	-0.51	-2.22	-2.31	-7.87	0.00	7.87	9.26	8.46	-1.91	-6.02	-5.57	-3.40	-4.79	-2.18	-9.03	-24.69	-26.03	-28.69	-22.54	-21.46	-15.84	-5.05