

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

03/05/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	48.40	49.26	42.78	38.44	43.78	39.95	46.01	55.30	54.71	51.14	49.06	41.27	42.36	45.46	43.20	42.36	50.01	90.83	103.01	82.49	46.46	65.30	46.18	49.33
24138	1.42	1.19	1.01	1.18	0.98	1.31	1.76	2.57	2.02	2.53	2.51	2.18	2.16	2.24	2.17	2.29	2.38	2.91	3.18	3.80	1.75	1.21	1.81	2.03
	0.00	0.00	0.00	0.00	0.00	0.00	-3.01	-0.76	-14.10	-1.44	0.00	0.00	0.00	0.00	0.00	0.00	-5.91	-37.72	-43.43	-10.70	-12.27	-40.68	-6.45	-0.29
74TH STREET_GT_1	48.65	49.51	43.00	38.64	44.00	40.16	46.22	55.52	54.85	51.34	49.24	41.43	42.54	45.66	43.40	42.53	50.18	91.04	103.25	82.74	46.62	65.44	46.37	49.51
24260	1.67	1.44	1.23	1.38	1.21	1.53	1.97	2.78	2.16	2.72	2.70	2.34	2.33	2.45	2.36	2.46	2.55	3.12	3.42	4.05	1.92	1.34	2.00	2.20
	0.00	0.00	0.00	0.00	0.00	0.00	-3.01	-0.76	-14.10	-1.44	0.00	0.00	0.00	0.00	0.00	0.00	-5.92	-37.72	-43.43	-10.70	-12.27	-40.69	-6.45	-0.29
74TH STREET_GT_2	48.65	49.51	43.00	38.64	44.00	40.16	46.22	55.52	54.85	51.34	49.24	41.43	42.54	45.66	43.40	42.53	50.18	91.04	103.25	82.74	46.62	65.44	46.37	49.51
24261	1.67	1.44	1.23	1.38	1.21	1.53	1.97	2.78	2.16	2.72	2.70	2.34	2.33	2.45	2.36	2.46	2.55	3.12	3.42	4.05	1.92	1.34	2.00	2.20
	0.00	0.00	0.00	0.00	0.00	0.00	-3.01	-0.76	-14.10	-1.44	0.00	0.00	0.00	0.00	0.00	0.00	-5.92	-37.72	-43.43	-10.70	-12.27	-40.69	-6.45	-0.29
ADK HUDSON___FALLS	51.68	52.74	45.76	40.86	47.12	42.67	76.18	65.41	60.41	54.11	51.37	43.03	44.11	47.35	45.00	44.07	53.41	102.41	116.28	88.22	50.85	76.27	49.44	51.81
24011	4.70	4.67	3.99	3.60	4.32	4.03	4.60	5.83	4.27	5.14	4.82	3.93	3.90	4.14	3.97	4.01	4.33	5.26	5.81	6.91	3.14	2.22	3.49	4.43
	0.00	0.00	0.00	0.00	0.00	0.00	-30.35	-7.60	-17.55	-1.79	0.00	0.00	0.00	0.00	0.00	0.00	-7.36	-46.95	-54.06	-13.32	-15.27	-50.64	-8.02	-0.36
ADK RESOURCE___RCVRY	52.19	53.25	46.14	41.21	47.54	43.03	76.66	65.95	60.80	54.59	51.85	43.41	44.47	47.73	45.39	44.46	53.84	102.95	116.87	88.94	51.19	76.50	49.77	52.36
23798	5.21	5.17	4.37	3.95	4.75	4.40	5.00	6.34	4.65	5.62	5.30	4.32	4.27	4.52	4.36	4.39	4.76	5.79	6.39	7.63	3.48	2.44	3.83	4.98
	0.00	0.00	0.00	0.00	0.00	0.00	-30.43	-7.62	-17.56	-1.79	0.00	0.00	0.00	0.00	0.00	0.00	-7.37	-46.97	-54.08	-13.32	-15.28	-50.66	-8.02	-0.36
ADK S GLENS___FALLS	51.68	52.74	45.76	40.86	47.12	42.67	76.18	65.41	60.41	54.11	51.37	43.03	44.11	47.35	45.00	44.07	53.41	102.41	116.28	88.22	50.85	76.27	49.44	51.81
24028	4.70	4.67	3.99	3.60	4.32	4.03	4.60	5.83	4.27	5.14	4.82	3.93	3.90	4.14	3.97	4.01	4.33	5.26	5.81	6.91	3.14	2.22	3.49	4.43
	0.00	0.00	0.00	0.00	0.00	0.00	-30.35	-7.60	-17.55	-1.79	0.00	0.00	0.00	0.00	0.00	0.00	-7.36	-46.95	-54.06	-13.32	-15.27	-50.64	-8.02	-0.36
ADK_NYS___DAM	49.55	50.64	44.02	39.28	45.12	40.82	66.45	60.49	57.61	51.17	48.65	40.71	41.77	44.82	42.61	41.72	50.73	97.83	111.24	83.64	48.53	73.52	47.25	49.33
23527	2.58	2.57	2.25	2.02	2.32	2.18	2.33	2.78	1.97	2.25	2.10	1.61	1.56	1.61	1.58	1.66	1.86	2.01	2.31	2.71	1.25	0.91	1.54	1.96
	0.00	0.00	0.00	0.00	0.00	0.00	-22.88	-5.73	-17.05	-1.74	0.00	0.00	0.00	0.00	0.00	0.00	-7.15	-45.62	-52.53	-12.94	-14.84	-49.21	-7.78	-0.35
AIR_PRODUCTS___DRP	48.48	49.57	43.11	38.50	44.15	39.96	57.60	57.63	57.05	50.59	48.15	40.36	41.49	44.56	42.34	41.43	50.37	97.60	110.96	83.25	48.35	73.40	46.98	48.87
24190	1.50	1.50	1.34	1.24	1.35	1.32	1.52	1.93	1.39	1.68	1.60	1.27	1.28	1.34	1.31	1.37	1.49	1.76	2.01	2.31	1.06	0.76	1.26	1.50
	0.00	0.00	0.00	0.00	0.00	0.00	-14.84	-3.72	-17.06	-1.74	0.00	0.00	0.00	0.00	0.00	0.00	-7.16	-45.65	-52.56	-12.95	-14.84	-49.23	-7.79	-0.35
AKWESSNE_115KV_BK	47.67	48.84	42.36	37.71	43.34	39.02	41.52	52.25	38.94	47.65	47.01	39.60	40.80	43.92	41.66	40.41	41.95	50.19	56.34	68.01	32.57	23.47	37.95	47.04
355683	0.69	0.77	0.58	0.45	0.55	0.38	0.28	0.27	0.35	0.47	0.46	0.51	0.60	0.70	0.63	0.34	0.24	-0.01	-0.06	0.01	0.13	0.06	0.02	0.02
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	48.85	49.94	43.46	38.82	44.54	40.30	53.71	56.99	57.03	50.84	48.31	40.47	41.66	44.81	42.61	41.69	50.53	97.30	110.58	83.62	48.37	72.79	47.17	49.27
323833	1.87	1.88	1.68	1.56	1.75	1.66	1.86	2.34	1.66	1.96	1.77	1.37	1.47	1.60	1.57	1.63	1.77	2.21	2.50	2.89	1.33	0.98	1.58	1.91
	0.00	0.00	0.00	0.00	0.00	0.00	-10.61	-2.66	-16.78	-1.71	0.00	0.00	0.00	0.00	0.00	0.00	-7.04	-44.89	-51.68	-12.73	-14.60	-48.41	-7.67	-0.35
ALBANY_2_SOLAR	48.82	49.92	43.45	38.80	44.52	40.28	53.69	56.95	57.02	50.81	48.30	40.45	41.65	44.81	42.58	41.68	50.52	97.28	110.57	83.58	48.37	72.79	47.17	49.25
323834	1.84	1.86	1.67	1.54	1.73	1.64	1.85	2.31	1.64	1.93	1.75	1.36	1.45	1.59	1.55	1.62	1.77	2.19	2.48	2.86	1.33	0.97	1.58	1.89
	0.00	0.00	0.00	0.00	0.00	0.00	-10.61	-2.66	-16.79	-1.71	0.00	0.00	0.00	0.00	0.00	0.00	-7.04	-44.89	-51.69	-12.73	-14.60	-48.42	-7.67	-0.35
ALBANY___1	48.48	49.57	43.11	38.50	44.15	39.96	57.60	57.63	57.05	50.59	48.15	40.36	41.49	44.56	42.34	41.43	50.37	97.60	110.96	83.25	48.35	73.40	46.98	48.87
23571	1.50	1.50	1.34	1.24	1.35	1.32	1.52	1.93	1.39	1.68	1.60	1.27	1.28	1.34	1.31	1.37	1.49	1.76	2.01	2.31	1.06	0.76	1.26	1.50
	0.00	0.00	0.00	0.00	0.00	0.00	-14.84	-3.72	-17.06	-1.74	0.00	0.00	0.00	0.00	0.00	0.00	-7.16	-45.65	-52.56	-12.95	-14.84	-49.23	-7.79	-0.35

ALBANY___2 23572	48.48 1.50 0.00	49.57 1.50 0.00	43.11 1.34 0.00	38.50 1.24 0.00	44.15 1.35 0.00	39.96 1.32 0.00	57.60 1.52 -14.84	57.63 1.93 -3.72	57.05 1.39 -17.06	50.59 1.68 -1.74	48.15 1.60 0.00	40.36 1.27 0.00	41.49 1.28 0.00	44.56 1.34 0.00	42.34 1.31 0.00	41.43 1.37 0.00	50.37 1.49 -7.16	97.60 1.76 -45.65	110.96 2.01 -52.56	83.25 2.31 -12.95	48.35 1.06 -14.84	73.40 0.76 -49.23	46.98 1.26 -7.79	48.87 1.50 -0.35
ALBANY___3 23573	48.48 1.50 0.00	49.57 1.50 0.00	43.11 1.34 0.00	38.50 1.24 0.00	44.15 1.35 0.00	39.96 1.32 0.00	57.60 1.52 -14.84	57.63 1.93 -3.72	57.05 1.39 -17.06	50.59 1.68 -1.74	48.15 1.60 0.00	40.36 1.27 0.00	41.49 1.28 0.00	44.56 1.34 0.00	42.34 1.31 0.00	41.43 1.37 0.00	50.37 1.49 -7.16	97.60 1.76 -45.65	110.96 2.01 -52.56	83.25 2.31 -12.95	48.35 1.06 -14.84	73.40 0.76 -49.23	46.98 1.26 -7.79	48.87 1.50 -0.35
ALBANY___4 23574	48.48 1.50 0.00	49.57 1.50 0.00	43.11 1.34 0.00	38.50 1.24 0.00	44.15 1.35 0.00	39.96 1.32 0.00	57.60 1.52 -14.84	57.63 1.93 -3.72	57.05 1.39 -17.06	50.59 1.68 -1.74	48.15 1.60 0.00	40.36 1.27 0.00	41.49 1.28 0.00	44.56 1.34 0.00	42.34 1.31 0.00	41.43 1.37 0.00	50.37 1.49 -7.16	97.60 1.76 -45.65	110.96 2.01 -52.56	83.25 2.31 -12.95	48.35 1.06 -14.84	73.40 0.76 -49.23	46.98 1.26 -7.79	48.87 1.50 -0.35
ALBANY___LFGE 323615	49.10 2.12 0.00	50.18 2.11 0.00	43.65 1.87 0.00	38.95 1.69 0.00	44.64 1.85 0.00	40.48 1.84 0.00	67.72 2.12 -24.36	60.77 2.69 -6.10	57.92 1.96 -17.37	51.31 2.37 -1.77	48.82 2.27 0.00	40.93 1.83 0.00	42.06 1.86 0.00	45.17 1.96 0.00	42.93 1.90 0.00	42.02 1.95 0.00	51.11 2.11 -7.29	99.11 2.46 -46.46	112.71 2.82 -53.49	84.44 3.27 -13.17	49.05 1.51 -15.11	74.58 1.07 -50.10	47.57 1.71 -7.93	49.40 2.03 -0.36
ALCOA_PA_115KV_PL-6C 55860	47.85 0.87 0.00	49.02 0.95 0.00	42.51 0.74 0.00	37.84 0.58 0.00	43.50 0.70 0.00	39.16 0.52 0.00	41.66 0.43 0.00	52.42 0.44 0.00	39.07 0.48 0.00	47.82 0.64 0.00	47.18 0.64 0.00	39.64 0.55 0.00	40.84 0.64 0.00	43.96 0.75 0.00	41.71 0.68 0.00	40.54 0.47 0.00	42.11 0.39 0.00	50.38 0.18 0.00	56.56 0.16 0.00	68.25 0.26 0.00	32.67 0.24 0.00	23.55 0.14 0.00	38.09 0.16 0.00	47.22 0.20 0.00
ALCOA_RYNLDS___DRP 24188	47.85 0.87 0.00	49.02 0.95 0.00	42.51 0.74 0.00	37.84 0.58 0.00	43.50 0.70 0.00	39.16 0.52 0.00	41.66 0.43 0.00	52.42 0.44 0.00	39.07 0.48 0.00	47.82 0.64 0.00	47.18 0.64 0.00	39.64 0.55 0.00	40.84 0.64 0.00	43.96 0.75 0.00	41.71 0.68 0.00	40.54 0.47 0.00	42.11 0.39 0.00	50.38 0.18 0.00	56.56 0.16 0.00	68.25 0.26 0.00	32.67 0.24 0.00	23.55 0.14 0.00	38.09 0.16 0.00	47.22 0.20 0.00
ALCOA___DSASP 323711	47.84 0.87 0.00	49.02 0.95 0.00	42.51 0.74 0.00	37.84 0.58 0.00	43.50 0.70 0.00	39.16 0.52 0.00	41.66 0.43 0.00	52.42 0.44 0.00	39.07 0.48 0.00	47.82 0.64 0.00	47.18 0.64 0.00	39.64 0.55 0.00	40.84 0.64 0.00	43.96 0.75 0.00	41.71 0.68 0.00	40.54 0.47 0.00	42.10 0.39 0.00	50.38 0.18 0.00	56.56 0.16 0.00	68.25 0.26 0.00	32.67 0.24 0.00	23.55 0.14 0.00	38.09 0.16 0.00	47.22 0.20 0.00
ALLEGHENY___COGEN 23514	45.34 -1.64 0.00	46.60 -1.47 0.00	40.33 -1.45 0.00	36.07 -1.19 0.00	41.94 -0.86 0.00	37.69 -0.95 0.00	42.61 -0.70 -2.08	75.93 -0.88 -24.83	67.49 -0.95 -29.86	69.71 -1.26 -23.79	66.31 -1.32 -21.08	55.67 -1.52 -18.10	57.06 -1.67 -18.53	61.01 -1.97 -19.76	58.09 -1.83 -18.89	48.55 -1.51 -9.98	51.80 -1.92 -12.00	56.48 -1.00 -7.28	65.06 0.27 -8.39	70.73 0.67 -2.07	34.85 0.04 -2.37	38.60 -0.04 -15.24	45.06 -0.19 -7.32	46.66 -0.65 -0.30
ALTAMONT_115KV_TB 2 55880	48.10 1.13 0.00	49.19 1.12 0.00	42.81 1.03 0.00	38.20 0.94 0.00	43.81 1.02 0.00	39.64 1.00 0.00	54.12 1.18 -11.71	56.46 1.54 -2.93	56.77 1.10 -17.08	50.24 1.33 -1.74	47.81 1.27 0.00	40.10 1.01 0.00	41.21 1.01 0.00	44.26 1.05 0.00	42.07 1.04 0.00	41.14 1.08 0.00	50.05 1.17 -7.16	97.29 1.42 -45.68	110.61 1.62 -52.59	82.83 1.88 -12.95	48.17 0.88 -14.85	73.30 0.63 -49.26	46.75 1.02 -7.80	48.57 1.20 -0.35
ALTONA_WT_PWR 323606	49.65 2.67 0.00	50.68 2.62 0.00	43.85 2.07 0.00	39.04 1.78 0.00	44.80 2.01 0.00	40.18 1.55 0.00	42.77 1.54 0.00	53.40 1.42 0.00	39.71 1.12 0.00	48.86 1.68 0.00	47.84 1.30 0.00	40.19 1.09 0.00	41.36 1.15 0.00	44.27 1.05 0.00	41.79 0.76 0.00	39.75 -0.32 0.00	40.65 -1.07 0.00	21.57 -2.02 26.60	-2.05 -2.18 56.28	37.36 -2.73 27.91	13.95 -1.03 17.46	22.94 -0.46 0.00	37.24 -0.69 0.00	45.74 -1.28 0.00
AMERICAN_REF_FUEL 24010	43.01 -3.97 0.00	44.30 -3.77 0.00	38.19 -3.59 0.00	34.07 -3.19 0.00	39.56 -3.23 0.00	35.26 -3.37 0.00	37.39 -3.54 0.31	41.28 -5.12 5.59	30.67 -4.22 3.70	37.06 -5.03 5.08	37.00 -4.76 4.78	31.06 -3.92 4.11	32.19 -3.81 4.20	34.78 -3.95 4.48	32.89 -3.86 4.28	33.96 -3.85 2.25	36.14 -4.19 1.39	52.75 -4.02 -6.57	59.71 -4.25 -7.56	64.80 -5.06 -1.86	31.87 -2.70 -2.14	26.92 -1.93 -5.44	34.76 -2.93 0.23	43.58 -3.43 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	43.17 -3.80 0.00	44.56 -3.51 0.00	38.79 -2.99 0.00	34.39 -2.87 0.00	39.97 -2.83 0.00	35.71 -2.93 0.00	38.16 -2.92 0.15	45.26 -3.88 2.84	35.02 -3.15 0.42	41.01 -3.73 2.43	40.55 -3.57 2.43	33.90 -3.11 2.09	35.09 -2.97 2.13	37.93 -3.00 2.28	35.89 -2.97 2.18	35.98 -2.95 1.14	39.24 -2.39 0.08	56.06 -1.37 -7.24	62.90 -1.84 -8.33	67.64 -2.41 -2.05	33.30 -1.49 -2.35	29.25 -1.13 -6.98	36.88 -1.61 -0.56	44.46 -2.58 -0.03
ARTHUR KILL_GT_1 23520	57.28 1.66 -8.64	56.15 1.34 -6.74	55.87 1.10 -13.00	55.87 1.29 -17.32	55.89 1.07 -12.02	56.34 1.54 -16.17	56.25 2.01 -13.00	64.71 2.68 -10.05	58.33 2.11 -17.64	57.76 2.74 -7.84	58.11 2.73 -8.83	63.20 2.40 -21.71	62.28 2.35 -19.73	62.69 2.48 -17.00	62.18 2.43 -18.72	68.31 2.48 -25.76	98.43 2.56 -54.16	98.35 2.85 -45.31	108.40 3.27 -48.72	115.90 4.04 -43.86	60.16 2.06 -25.66	74.28 1.42 -49.45	62.29 2.15 -22.21	65.06 2.33 -15.71
ARTHUR_KILL_2 23512	57.17 1.55 -8.64	56.02 1.21 -6.74	55.77 0.99 -13.00	55.77 1.19 -17.32	55.77 0.95 -12.02	56.24 1.43 -16.17	56.12 1.89 -13.00	64.56 2.52 -10.05	58.23 2.00 -17.64	57.62 2.61 -7.84	57.98 2.61 -8.83	63.08 2.28 -21.71	62.17 2.24 -19.73	62.57 2.36 -17.00	62.07 2.32 -18.72	68.19 2.36 -25.76	98.30 2.43 -54.16	98.19 2.68 -45.31	108.21 3.09 -48.72	115.67 3.82 -43.86	60.05 1.95 -25.66	74.20 1.34 -49.45	62.17 2.03 -22.21	64.93 2.20 -15.71
ARTHUR_KILL_3 23513	57.09 1.07 -9.04	55.99 0.82 -7.10	56.19 0.73 -13.69	56.42 0.93 -18.23	56.12 0.68 -12.64	56.67 1.03 -17.00	56.17 1.42 -13.51	64.09 2.03 -10.07	57.96 1.61 -17.76	57.28 2.01 -8.09	57.83 1.99 -9.28	63.28 1.74 -22.45	62.39 1.70 -20.49	62.84 1.76 -17.87	62.37 1.73 -19.60	69.00 1.85 -27.08	100.25 1.91 -56.63	103.50 2.36 -50.95	107.58 2.56 -48.62	81.69 3.00 -10.70	59.96 1.46 -26.07	74.02 1.02 -49.60	61.72 1.47 -22.32	64.32 1.58 -15.72

ARTHUR_KILL_COGEN 323718	57.28 1.66 -8.64	56.15 1.34 -6.74	55.87 1.10 -13.00	55.87 1.29 -17.32	55.89 1.07 -12.02	56.34 1.54 -16.17	56.25 2.01 -13.00	64.71 2.68 -10.05	58.33 2.11 -17.64	57.76 2.74 -7.84	58.11 2.73 -8.83	63.20 2.40 -21.71	62.28 2.35 -19.73	62.69 2.48 -17.00	62.18 2.43 -18.72	68.31 2.48 -25.76	98.43 2.56 -54.16	98.35 2.85 -45.31	108.40 3.27 -48.72	115.90 4.04 -43.86	60.16 2.06 -25.66	74.28 1.42 -49.45	62.29 2.15 -22.21	65.06 2.33 -15.71
ASHOKAN____ 23654	49.74 2.76 0.00	50.78 2.71 0.00	44.16 2.38 0.00	39.45 2.19 0.00	45.25 2.46 0.00	41.07 2.43 0.00	51.96 2.59 -8.13	57.80 3.78 -2.04	56.86 2.60 -15.66	52.17 3.40 -1.59	49.77 3.23 0.00	41.67 2.57 0.00	42.96 2.76 0.00	46.21 3.00 0.00	43.83 2.80 0.00	42.94 2.88 0.00	51.16 2.88 -6.56	95.71 3.67 -41.85	108.58 4.00 -48.18	84.83 4.97 -11.87	48.08 2.03 -13.61	70.00 1.46 -45.13	47.47 2.39 -7.15	50.06 2.73 -0.32
ASTORIA_EAST_ENERGY_CC1 323581	48.18 1.20 0.00	49.05 0.98 0.00	42.63 0.85 0.00	38.40 1.14 0.00	43.52 0.73 0.00	39.82 1.19 0.00	45.88 1.63 -3.01	54.93 2.19 -0.76	54.49 1.80 -14.10	50.92 2.31 -1.44	48.82 2.28 0.00	41.00 1.90 -0.01	42.09 1.89 -0.01	45.22 2.00 -0.01	42.95 1.91 -0.01	42.07 2.00 -0.01	49.79 2.15 -5.92	90.55 2.62 -37.73	102.66 2.82 -43.44	82.09 3.40 -10.70	46.34 1.63 -12.27	65.25 1.16 -40.69	46.06 1.69 -6.45	49.10 1.79 -0.29
ASTORIA_EAST_ENERGY_CC2 323582	48.18 1.20 0.00	49.05 0.98 0.00	42.63 0.85 0.00	38.40 1.14 0.00	43.52 0.73 0.00	39.82 1.19 0.00	45.88 1.63 -3.01	54.93 2.19 -0.76	54.49 1.80 -14.10	50.92 2.31 -1.44	48.82 2.28 0.00	41.00 1.90 -0.01	42.09 1.89 -0.01	45.22 2.00 -0.01	42.95 1.91 -0.01	42.07 2.00 -0.01	49.79 2.15 -5.92	90.55 2.62 -37.73	102.66 2.82 -43.44	82.09 3.40 -10.70	46.34 1.63 -12.27	65.25 1.16 -40.69	46.06 1.69 -6.45	49.10 1.79 -0.29
ASTORIA_GT2_1 24094	48.20 1.22 0.00	49.08 1.02 0.00	42.65 0.87 0.00	38.42 1.16 0.00	43.54 0.74 0.00	39.83 1.20 0.00	45.89 1.64 -3.01	55.01 2.27 -0.76	54.51 1.82 -14.10	50.97 2.35 -1.44	48.87 2.32 0.00	41.01 1.91 -0.01	42.10 1.89 -0.01	45.24 2.02 -0.01	42.98 1.94 -0.01	42.09 2.02 -0.01	49.81 2.17 -5.92	90.57 2.64 -37.73	102.70 2.87 -43.44	82.13 3.44 -10.70	46.37 1.66 -12.27	65.27 1.18 -40.69	46.07 1.70 -6.45	49.10 1.80 -0.29
ASTORIA_GT2_2 24095	48.20 1.22 0.00	49.08 1.02 0.00	42.65 0.87 0.00	38.42 1.16 0.00	43.54 0.74 0.00	39.83 1.20 0.00	45.89 1.64 -3.01	55.01 2.27 -0.76	54.51 1.82 -14.10	50.97 2.35 -1.44	48.87 2.32 0.00	41.01 1.91 -0.01	42.10 1.89 -0.01	45.24 2.02 -0.01	42.98 1.94 -0.01	42.09 2.02 -0.01	49.81 2.17 -5.92	90.57 2.64 -37.73	102.70 2.87 -43.44	82.13 3.44 -10.70	46.37 1.66 -12.27	65.27 1.18 -40.69	46.07 1.70 -6.45	49.10 1.80 -0.29
ASTORIA_GT2_3 24096	48.20 1.22 0.00	49.08 1.02 0.00	42.65 0.87 0.00	38.42 1.16 0.00	43.54 0.74 0.00	39.83 1.20 0.00	45.89 1.64 -3.01	55.01 2.27 -0.76	54.51 1.82 -14.10	50.97 2.35 -1.44	48.87 2.32 0.00	41.01 1.91 -0.01	42.10 1.89 -0.01	45.24 2.02 -0.01	42.98 1.94 -0.01	42.09 2.02 -0.01	49.81 2.17 -5.92	90.57 2.64 -37.73	102.70 2.87 -43.44	82.13 3.44 -10.70	46.37 1.66 -12.27	65.27 1.18 -40.69	46.07 1.70 -6.45	49.10 1.80 -0.29
ASTORIA_GT2_4 24097	48.20 1.22 0.00	49.08 1.02 0.00	42.65 0.87 0.00	38.42 1.16 0.00	43.54 0.74 0.00	39.83 1.20 0.00	45.89 1.64 -3.01	55.01 2.27 -0.76	54.51 1.82 -14.10	50.97 2.35 -1.44	48.87 2.32 0.00	41.01 1.91 -0.01	42.10 1.89 -0.01	45.24 2.02 -0.01	42.98 1.94 -0.01	42.09 2.02 -0.01	49.81 2.17 -5.92	90.57 2.64 -37.73	102.70 2.87 -43.44	82.13 3.44 -10.70	46.37 1.66 -12.27	65.27 1.18 -40.69	46.07 1.70 -6.45	49.10 1.80 -0.29
ASTORIA_GT3_1 24098	48.20 1.22 0.00	49.08 1.02 0.00	42.65 0.87 0.00	38.42 1.16 0.00	43.54 0.74 0.00	39.83 1.20 0.00	45.89 1.64 -3.01	55.01 2.27 -0.76	54.51 1.82 -14.10	50.97 2.35 -1.44	48.87 2.32 0.00	41.01 1.91 -0.01	42.10 1.89 -0.01	45.24 2.02 -0.01	42.98 1.94 -0.01	42.09 2.02 -0.01	49.81 2.17 -5.92	90.57 2.64 -37.73	102.70 2.87 -43.44	82.13 3.44 -10.70	46.37 1.66 -12.27	65.27 1.18 -40.69	46.07 1.70 -6.45	49.10 1.80 -0.29
ASTORIA_GT3_2 24099	48.20 1.22 0.00	49.08 1.02 0.00	42.65 0.87 0.00	38.42 1.16 0.00	43.54 0.74 0.00	39.83 1.20 0.00	45.89 1.64 -3.01	55.01 2.27 -0.76	54.51 1.82 -14.10	50.97 2.35 -1.44	48.87 2.32 0.00	41.01 1.91 -0.01	42.10 1.89 -0.01	45.24 2.02 -0.01	42.98 1.94 -0.01	42.09 2.02 -0.01	49.81 2.17 -5.92	90.57 2.64 -37.73	102.70 2.87 -43.44	82.13 3.44 -10.70	46.37 1.66 -12.27	65.27 1.18 -40.69	46.07 1.70 -6.45	49.10 1.80 -0.29
ASTORIA_GT3_3 24100	48.20 1.22 0.00	49.08 1.02 0.00	42.65 0.87 0.00	38.42 1.16 0.00	43.54 0.74 0.00	39.83 1.20 0.00	45.89 1.64 -3.01	55.01 2.27 -0.76	54.51 1.82 -14.10	50.97 2.35 -1.44	48.87 2.32 0.00	41.01 1.91 -0.01	42.10 1.89 -0.01	45.24 2.02 -0.01	42.98 1.94 -0.01	42.09 2.02 -0.01	49.81 2.17 -5.92	90.57 2.64 -37.73	102.70 2.87 -43.44	82.13 3.44 -10.70	46.37 1.66 -12.27	65.27 1.18 -40.69	46.07 1.70 -6.45	49.10 1.80 -0.29
ASTORIA_GT3_4 24101	48.20 1.22 0.00	49.08 1.02 0.00	42.65 0.87 0.00	38.42 1.16 0.00	43.54 0.74 0.00	39.83 1.20 0.00	45.89 1.64 -3.01	55.01 2.27 -0.76	54.51 1.82 -14.10	50.97 2.35 -1.44	48.87 2.32 0.00	41.01 1.91 -0.01	42.10 1.89 -0.01	45.24 2.02 -0.01	42.98 1.94 -0.01	42.09 2.02 -0.01	49.81 2.17 -5.92	90.57 2.64 -37.73	102.70 2.87 -43.44	82.13 3.44 -10.70	46.37 1.66 -12.27	65.27 1.18 -40.69	46.07 1.70 -6.45	49.10 1.80 -0.29
ASTORIA_GT4_1 24102	48.20 1.22 0.00	49.08 1.02 0.00	42.65 0.87 0.00	38.42 1.16 0.00	43.54 0.74 0.00	39.83 1.20 0.00	45.89 1.64 -3.01	55.01 2.27 -0.76	54.51 1.82 -14.10	50.97 2.35 -1.44	48.87 2.32 0.00	41.01 1.91 -0.01	42.10 1.89 -0.01	45.24 2.02 -0.01	42.98 1.94 -0.01	42.09 2.02 -0.01	49.81 2.17 -5.92	90.57 2.64 -37.73	102.70 2.87 -43.44	82.13 3.44 -10.70	46.37 1.66 -12.27	65.27 1.18 -40.69	46.07 1.70 -6.45	49.10 1.80 -0.29
ASTORIA_GT4_2 24103	48.20 1.22 0.00	49.08 1.02 0.00	42.65 0.87 0.00	38.42 1.16 0.00	43.54 0.74 0.00	39.83 1.20 0.00	45.89 1.64 -3.01	55.01 2.27 -0.76	54.51 1.82 -14.10	50.97 2.35 -1.44	48.87 2.32 0.00	41.01 1.91 -0.01	42.10 1.89 -0.01	45.24 2.02 -0.01	42.98 1.94 -0.01	42.09 2.02 -0.01	49.81 2.17 -5.92	90.57 2.64 -37.73	102.70 2.87 -43.44	82.13 3.44 -10.70	46.37 1.66 -12.27	65.27 1.18 -40.69	46.07 1.70 -6.45	49.10 1.80 -0.29
ASTORIA_GT4_3 24104	48.20 1.22 0.00	49.08 1.02 0.00	42.65 0.87 0.00	38.42 1.16 0.00	43.54 0.74 0.00	39.83 1.20 0.00	45.89 1.64 -3.01	55.01 2.27 -0.76	54.51 1.82 -14.10	50.97 2.35 -1.44	48.87 2.32 0.00	41.01 1.91 -0.01	42.10 1.89 -0.01	45.24 2.02 -0.01	42.98 1.94 -0.01	42.09 2.02 -0.01	49.81 2.17 -5.92	90.57 2.64 -37.73	102.70 2.87 -43.44	82.13 3.44 -10.70	46.37 1.66 -12.27	65.27 1.18 -40.69	46.07 1.70 -6.45	49.10 1.80 -0.29

ASTORIA_GT4_4 24105	48.20 1.22 0.00	49.08 1.02 0.00	42.65 0.87 0.00	38.42 1.16 0.00	43.54 0.74 0.00	39.83 1.20 0.00	45.89 1.64 -3.01	55.01 2.27 -0.76	54.51 1.82 -14.10	50.97 2.35 -1.44	48.87 2.32 0.00	41.01 1.91 -0.01	42.10 1.89 -0.01	45.24 2.02 -0.01	42.98 1.94 -0.01	42.09 2.02 -0.01	49.81 2.17 -5.92	90.57 2.64 -37.73	102.70 2.87 -43.44	82.13 3.44 -10.70	46.37 1.66 -12.27	65.27 1.18 -40.69	46.07 1.70 -6.45	49.10 1.80 -0.29
ASTORIA_GT_1 23523	48.28 1.30 0.00	49.16 1.09 0.00	42.71 0.94 0.00	38.48 1.22 0.00	43.61 0.82 0.00	39.91 1.27 0.00	45.98 1.73 -3.01	55.07 2.33 -0.76	54.60 1.91 -14.10	51.05 2.44 -1.44	48.95 2.40 0.00	41.11 2.01 -0.01	42.21 2.00 -0.01	45.34 2.12 -0.01	43.05 2.01 -0.01	42.18 2.11 -0.01	49.91 2.27 -5.92	90.70 2.77 -37.73	102.82 2.99 -43.44	82.29 3.59 -10.70	46.44 1.73 -12.27	65.31 1.23 -40.69	46.14 1.76 -6.45	49.20 1.89 -0.29
ASTORIA_GT_10 24110	48.41 1.43 0.00	49.26 1.19 0.00	42.79 1.01 0.00	38.47 1.21 0.00	43.76 0.96 0.00	39.98 1.35 0.00	46.04 1.79 -3.01	55.28 2.54 -0.76	54.69 2.00 -14.10	51.16 2.55 -1.44	49.06 2.51 0.00	41.30 2.20 -0.01	42.40 2.19 -0.01	45.50 2.29 -0.01	43.26 2.22 -0.01	42.38 2.31 -0.01	50.04 2.40 -5.92	90.84 2.92 -37.73	103.00 3.16 -43.44	82.44 3.75 -10.70	46.50 1.80 -12.27	65.36 1.27 -40.69	46.24 1.86 -6.45	49.33 2.02 -0.29
ASTORIA_GT_11 24225	48.41 1.43 0.00	49.26 1.19 0.00	42.79 1.01 0.00	38.47 1.21 0.00	43.76 0.96 0.00	39.98 1.35 0.00	46.04 1.79 -3.01	55.28 2.54 -0.76	54.69 2.00 -14.10	51.16 2.55 -1.44	49.06 2.51 0.00	41.30 2.20 -0.01	42.40 2.19 -0.01	45.50 2.29 -0.01	43.26 2.22 -0.01	42.38 2.31 -0.01	50.04 2.40 -5.92	90.84 2.92 -37.73	103.00 3.16 -43.44	82.44 3.75 -10.70	46.50 1.80 -12.27	65.36 1.27 -40.69	46.24 1.86 -6.45	49.33 2.02 -0.29
ASTORIA_GT_12 24226	48.41 1.43 0.00	49.26 1.19 0.00	42.79 1.01 0.00	38.47 1.21 0.00	43.76 0.96 0.00	39.98 1.35 0.00	46.04 1.79 -3.01	55.28 2.54 -0.76	54.69 2.00 -14.10	51.16 2.55 -1.44	49.06 2.51 0.00	41.30 2.20 -0.01	42.40 2.19 -0.01	45.50 2.29 -0.01	43.26 2.22 -0.01	42.38 2.31 -0.01	50.04 2.40 -5.92	90.84 2.92 -37.73	103.00 3.16 -43.44	82.44 3.75 -10.70	46.50 1.80 -12.27	65.36 1.27 -40.69	46.24 1.86 -6.45	49.33 2.02 -0.29
ASTORIA_GT_13 24227	48.41 1.43 0.00	49.26 1.19 0.00	42.79 1.01 0.00	38.47 1.21 0.00	43.76 0.96 0.00	39.98 1.35 0.00	46.04 1.79 -3.01	55.28 2.54 -0.76	54.69 2.00 -14.10	51.16 2.55 -1.44	49.06 2.51 0.00	41.30 2.20 -0.01	42.40 2.19 -0.01	45.50 2.29 -0.01	43.26 2.22 -0.01	42.38 2.31 -0.01	50.04 2.40 -5.92	90.84 2.92 -37.73	103.00 3.16 -43.44	82.44 3.75 -10.70	46.50 1.80 -12.27	65.36 1.27 -40.69	46.24 1.86 -6.45	49.33 2.02 -0.29
ASTORIA_GT_5 24106	48.28 1.30 0.00	49.16 1.09 0.00	42.72 0.94 0.00	38.47 1.21 0.00	43.61 0.82 0.00	39.91 1.27 0.00	45.97 1.72 -3.01	55.11 2.38 -0.76	54.59 1.90 -14.10	51.08 2.46 -1.44	48.96 2.42 0.00	41.09 1.99 -0.01	42.19 1.98 -0.01	45.35 2.13 -0.01	43.07 2.03 -0.01	42.19 2.12 -0.01	49.90 2.26 -5.92	90.70 2.77 -37.73	102.83 2.99 -43.44	82.28 3.59 -10.70	46.44 1.73 -12.27	65.32 1.23 -40.69	46.14 1.77 -6.45	49.20 1.89 -0.29
ASTORIA_GT_7 24107	48.28 1.30 0.00	49.16 1.09 0.00	42.72 0.94 0.00	38.47 1.21 0.00	43.61 0.82 0.00	39.91 1.27 0.00	45.97 1.72 -3.01	55.11 2.38 -0.76	54.59 1.90 -14.10	51.08 2.46 -1.44	48.96 2.42 0.00	41.09 1.99 -0.01	42.19 1.98 -0.01	45.35 2.13 -0.01	43.07 2.03 -0.01	42.19 2.12 -0.01	49.90 2.26 -5.92	90.70 2.77 -37.73	102.83 2.99 -43.44	82.28 3.59 -10.70	46.44 1.73 -12.27	65.32 1.23 -40.69	46.14 1.77 -6.45	49.20 1.89 -0.29
ASTORIA_GT_8 24108	48.28 1.30 0.00	49.16 1.09 0.00	42.72 0.94 0.00	38.47 1.21 0.00	43.61 0.82 0.00	39.91 1.27 0.00	45.97 1.72 -3.01	55.11 2.38 -0.76	54.59 1.90 -14.10	51.08 2.46 -1.44	48.96 2.42 0.00	41.09 1.99 -0.01	42.19 1.98 -0.01	45.35 2.13 -0.01	43.07 2.03 -0.01	42.19 2.12 -0.01	49.90 2.26 -5.92	90.70 2.77 -37.73	102.83 2.99 -43.44	82.28 3.59 -10.70	46.44 1.73 -12.27	65.32 1.23 -40.69	46.14 1.77 -6.45	49.20 1.89 -0.29
ASTORIA___2 24149	48.20 1.22 0.00	49.08 1.01 0.00	42.65 0.88 0.00	38.42 1.15 0.00	43.54 0.74 0.00	39.85 1.21 0.00	45.90 1.65 -3.01	54.96 2.23 -0.76	54.51 1.82 -14.10	50.94 2.32 -1.44	48.85 2.30 0.00	41.02 1.92 -0.01	42.11 1.90 -0.01	45.25 2.03 -0.01	42.97 1.93 -0.01	42.08 2.01 -0.01	49.81 2.17 -5.92	90.56 2.64 -37.73	102.70 2.86 -43.44	82.14 3.45 -10.70	46.36 1.66 -12.27	65.27 1.18 -40.69	46.06 1.69 -6.45	49.11 1.81 -0.29
ASTORIA___3 23516	48.41 1.43 0.00	49.26 1.19 0.00	42.79 1.01 0.00	38.47 1.21 0.00	43.76 0.96 0.00	39.98 1.34 0.00	46.04 1.79 -3.01	55.25 2.51 -0.76	54.69 2.00 -14.10	51.15 2.53 -1.44	49.05 2.50 0.00	41.30 2.19 -0.01	42.38 2.17 -0.01	45.49 2.27 -0.01	43.24 2.20 -0.01	42.37 2.30 -0.01	50.04 2.40 -5.92	90.84 2.91 -37.73	103.00 3.16 -43.44	82.44 3.75 -10.70	46.50 1.80 -12.27	65.36 1.27 -40.69	46.23 1.85 -6.45	49.33 2.02 -0.29
ASTORIA___4 23517	48.41 1.43 0.00	49.26 1.19 0.00	42.79 1.01 0.00	38.47 1.21 0.00	43.76 0.96 0.00	39.98 1.35 0.00	46.04 1.79 -3.01	55.28 2.54 -0.76	54.69 2.00 -14.10	51.16 2.55 -1.44	49.06 2.51 0.00	41.30 2.20 -0.01	42.40 2.19 -0.01	45.50 2.29 -0.01	43.26 2.22 -0.01	42.38 2.31 -0.01	50.04 2.40 -5.92	90.84 2.92 -37.73	103.00 3.16 -43.44	82.44 3.75 -10.70	46.50 1.80 -12.27	65.36 1.27 -40.69	46.24 1.86 -6.45	49.33 2.02 -0.29
ASTORIA___5 23518	48.41 1.43 0.00	49.26 1.19 0.00	42.79 1.01 0.00	38.47 1.21 0.00	43.76 0.96 0.00	39.98 1.34 0.00	46.04 1.79 -3.01	55.25 2.51 -0.76	54.69 2.00 -14.10	51.15 2.53 -1.44	49.05 2.50 0.00	41.30 2.19 -0.01	42.38 2.17 -0.01	45.49 2.27 -0.01	43.24 2.20 -0.01	42.37 2.30 -0.01	50.04 2.40 -5.92	90.84 2.91 -37.73	103.00 3.16 -43.44	82.44 3.75 -10.70	46.50 1.80 -12.27	65.36 1.27 -40.69	46.23 1.85 -6.45	49.33 2.02 -0.29
AST_ENERGY_2_CC3 323677	48.17 1.19 0.00	49.04 0.97 0.00	42.62 0.85 0.00	38.34 1.08 0.00	43.60 0.81 0.00	39.79 1.15 0.00	45.80 1.55 -3.01	54.96 2.22 -0.76	54.44 1.76 -14.10	50.81 2.20 -1.44	48.73 2.18 0.00	41.02 1.93 0.00	42.10 1.90 0.00	45.18 1.97 0.00	42.94 1.91 0.00	42.10 2.03 0.00	49.73 2.10 -5.92	90.48 2.56 -37.72	102.62 2.79 -43.43	82.00 3.31 -10.70	46.28 1.57 -12.27	65.21 1.12 -40.68	46.03 1.66 -6.45	49.15 1.85 -0.29
AST_ENERGY_2_CC4 323678	48.17 1.19 0.00	49.04 0.97 0.00	42.62 0.85 0.00	38.34 1.08 0.00	43.60 0.81 0.00	39.79 1.15 0.00	45.80 1.55 -3.01	54.96 2.22 -0.76	54.44 1.76 -14.10	50.81 2.20 -1.44	48.73 2.18 0.00	41.02 1.93 0.00	42.10 1.90 0.00	45.18 1.97 0.00	42.94 1.91 0.00	42.10 2.03 0.00	49.73 2.10 -5.92	90.48 2.56 -37.72	102.62 2.79 -43.43	82.00 3.31 -10.70	46.28 1.57 -12.27	65.21 1.12 -40.68	46.03 1.66 -6.45	49.15 1.85 -0.29

ATHENS_STG_1 23668	47.87 0.89 0.00	48.94 0.86 0.00	42.58 0.80 0.00	38.05 0.78 0.00	43.55 0.76 0.00	39.46 0.82 0.00	44.56 1.05 -2.28	53.98 1.43 -0.57	55.01 1.05 -15.36	50.03 1.29 -1.56	47.79 1.24 0.00	40.12 1.02 0.00	41.21 1.01 0.00	44.25 1.03 0.00	42.04 1.01 0.00	41.15 1.09 0.00	49.33 1.17 -6.44	92.71 1.42 -41.10	105.31 1.59 -47.32	81.49 1.85 -11.66	46.68 0.87 -13.37	68.40 0.67 -44.33	45.98 1.03 -7.02	48.53 1.20 -0.32
ATHENS_STG_2 23670	47.87 0.89 0.00	48.94 0.86 0.00	42.58 0.80 0.00	38.05 0.78 0.00	43.55 0.76 0.00	39.46 0.82 0.00	44.56 1.05 -2.28	53.98 1.43 -0.57	55.01 1.05 -15.36	50.03 1.29 -1.56	47.79 1.24 0.00	40.12 1.02 0.00	41.21 1.01 0.00	44.25 1.03 0.00	42.04 1.01 0.00	41.15 1.09 0.00	49.33 1.17 -6.44	92.71 1.42 -41.10	105.31 1.59 -47.32	81.49 1.85 -11.66	46.68 0.87 -13.37	68.40 0.67 -44.33	45.98 1.03 -7.02	48.53 1.20 -0.32
ATHENS_STG_3 23677	47.87 0.89 0.00	48.94 0.86 0.00	42.58 0.80 0.00	38.05 0.78 0.00	43.55 0.76 0.00	39.46 0.82 0.00	44.56 1.05 -2.28	53.98 1.43 -0.57	55.01 1.05 -15.36	50.03 1.29 -1.56	47.79 1.24 0.00	40.12 1.02 0.00	41.21 1.01 0.00	44.25 1.03 0.00	42.04 1.01 0.00	41.15 1.09 0.00	49.33 1.17 -6.44	92.71 1.42 -41.10	105.31 1.59 -47.32	81.49 1.85 -11.66	46.68 0.87 -13.37	68.40 0.67 -44.33	45.98 1.03 -7.02	48.53 1.20 -0.32
AUBURN___LFGE 323710	46.25 -0.73 0.00	47.39 -0.68 0.00	41.18 -0.60 0.00	36.75 -0.51 0.00	42.24 -0.55 0.00	38.22 -0.42 0.00	40.95 -0.29 0.00	51.55 -0.43 0.00	40.12 -0.55 -2.08	46.67 -0.71 -0.21	46.04 -0.50 0.00	38.67 -0.43 0.00	39.78 -0.42 0.00	42.79 -0.42 0.00	40.45 -0.59 0.00	39.65 -0.41 0.00	42.15 -0.43 -0.87	55.64 -0.12 -5.56	62.77 -0.03 -6.40	69.59 0.02 -1.58	34.13 -0.12 -1.81	29.30 -0.10 -5.99	38.73 -0.14 -0.95	46.84 -0.21 -0.04
BABYLON_RES_REC 323704	48.99 2.01 0.00	50.04 1.97 0.00	43.40 1.62 0.00	38.90 1.64 0.00	44.37 1.57 0.00	40.43 1.79 0.00	46.42 2.18 -3.01	55.83 3.09 -0.75	55.11 2.43 -14.10	51.15 2.54 -1.44	48.95 2.41 0.00	41.31 2.21 0.00	42.32 2.12 0.00	45.68 2.47 0.00	43.19 2.16 0.00	42.11 2.04 0.00	50.07 2.44 -5.91	91.17 3.26 -37.72	103.15 3.32 -43.42	82.53 3.84 -10.70	46.56 1.86 -12.27	65.40 1.32 -40.68	46.19 1.82 -6.45	49.71 2.40 -0.29
BABYLON__69_KV_BK2 356345	49.44 2.47 0.00	50.52 2.45 0.00	43.81 2.04 0.00	39.26 2.00 0.00	44.78 1.99 0.00	40.83 2.19 0.00	46.86 2.61 -3.01	56.42 3.68 -0.75	55.54 2.86 -14.10	51.58 2.96 -1.44	49.34 2.79 0.00	41.64 2.55 0.00	42.68 2.48 0.00	46.10 2.88 0.00	43.55 2.51 0.00	42.47 2.41 0.00	50.46 2.83 -5.91	91.76 3.84 -37.72	103.79 3.96 -43.42	83.29 4.60 -10.70	46.90 2.20 -12.27	65.62 1.54 -40.68	46.51 2.14 -6.45	50.15 2.85 -0.29
BALL_HILL_WT_PWR 323825	44.06 -2.92 0.00	45.40 -2.67 0.00	39.31 -2.46 0.00	35.01 -2.25 0.00	40.64 -2.15 0.00	36.33 -2.31 0.00	38.70 -2.31 0.23	44.56 -3.26 4.16	33.90 -2.73 1.96	40.28 -3.20 3.70	40.00 -2.99 3.56	33.52 -2.52 3.06	34.68 -2.39 3.13	37.47 -2.41 3.34	35.44 -2.40 3.19	35.98 -2.41 1.67	38.64 -2.38 0.69	55.59 -1.63 -7.02	62.80 -1.69 -8.08	67.95 -2.04 -1.99	33.33 -1.39 -2.28	28.72 -1.03 -6.35	36.60 -1.52 -0.19	45.03 -1.99 -0.01
BARON_WINDS___WT_PWR 323822	42.85 -4.13 0.00	44.13 -3.94 0.00	38.30 -3.47 0.00	34.30 -2.96 0.00	39.89 -2.91 0.00	35.90 -2.74 0.00	36.07 -2.94 2.22	-8.77 -3.72 57.04	-23.93 -2.86 59.67	-10.68 -3.58 54.28	-6.00 -3.58 48.97	-6.00 -3.03 42.06	-6.00 -3.15 43.05	-6.00 -3.29 45.92	-6.00 -3.15 43.88	13.97 -2.91 23.18	14.89 -3.07 23.76	56.53 -2.71 -9.04	64.32 -2.49 -10.41	67.91 -2.65 -2.57	33.87 -1.51 -2.94	14.92 -1.12 7.36	23.42 -1.98 12.53	43.80 -2.72 0.49
BARRETT_IC_1 23704	48.54 1.56 0.00	49.60 1.53 0.00	43.03 1.25 0.00	38.57 1.31 0.00	44.00 1.21 0.00	40.04 1.40 0.00	45.98 1.73 -3.01	55.15 2.41 -0.75	54.56 1.88 -14.10	50.68 2.07 -1.44	48.64 2.09 0.00	41.10 2.01 0.00	42.15 1.95 0.00	45.43 2.21 0.00	43.00 1.97 0.00	41.96 1.89 0.00	49.75 2.12 -5.91	90.51 2.60 -37.72	102.45 2.62 -43.42	81.79 3.10 -10.70	46.26 1.55 -12.27	65.22 1.14 -40.68	45.96 1.59 -6.45	49.29 1.99 -0.29
BARRETT_IC_10 23701	48.54 1.56 0.00	49.60 1.53 0.00	43.03 1.25 0.00	38.57 1.31 0.00	44.00 1.21 0.00	40.04 1.40 0.00	45.98 1.73 -3.01	55.15 2.41 -0.75	54.56 1.88 -14.10	50.68 2.07 -1.44	48.64 2.09 0.00	41.10 2.01 0.00	42.15 1.95 0.00	45.43 2.21 0.00	43.00 1.97 0.00	41.96 1.89 0.00	49.75 2.12 -5.91	90.51 2.60 -37.72	102.45 2.62 -43.42	81.79 3.10 -10.70	46.26 1.55 -12.27	65.22 1.14 -40.68	45.96 1.59 -6.45	49.29 1.99 -0.29
BARRETT_IC_11 23702	48.54 1.56 0.00	49.60 1.53 0.00	43.03 1.25 0.00	38.57 1.31 0.00	44.00 1.21 0.00	40.04 1.40 0.00	45.98 1.73 -3.01	55.15 2.41 -0.75	54.56 1.88 -14.10	50.68 2.07 -1.44	48.64 2.09 0.00	41.10 2.01 0.00	42.15 1.95 0.00	45.43 2.21 0.00	43.00 1.97 0.00	41.96 1.89 0.00	49.75 2.12 -5.91	90.51 2.60 -37.72	102.45 2.62 -43.42	81.79 3.10 -10.70	46.26 1.55 -12.27	65.22 1.14 -40.68	45.96 1.59 -6.45	49.29 1.99 -0.29
BARRETT_IC_12 23703	48.54 1.56 0.00	49.60 1.53 0.00	43.03 1.25 0.00	38.57 1.31 0.00	44.00 1.21 0.00	40.04 1.40 0.00	45.98 1.73 -3.01	55.15 2.41 -0.75	54.56 1.88 -14.10	50.68 2.07 -1.44	48.64 2.09 0.00	41.10 2.01 0.00	42.15 1.95 0.00	45.43 2.21 0.00	43.00 1.97 0.00	41.96 1.89 0.00	49.75 2.12 -5.91	90.51 2.60 -37.72	102.45 2.62 -43.42	81.79 3.10 -10.70	46.26 1.55 -12.27	65.22 1.14 -40.68	45.96 1.59 -6.45	49.29 1.99 -0.29
BARRETT_IC_2 23705	48.54 1.56 0.00	49.60 1.53 0.00	43.03 1.25 0.00	38.57 1.31 0.00	44.00 1.21 0.00	40.04 1.40 0.00	45.98 1.73 -3.01	55.15 2.41 -0.75	54.56 1.88 -14.10	50.68 2.07 -1.44	48.64 2.09 0.00	41.10 2.01 0.00	42.15 1.95 0.00	45.43 2.21 0.00	43.00 1.97 0.00	41.96 1.89 0.00	49.75 2.12 -5.91	90.51 2.60 -37.72	102.45 2.62 -43.42	81.79 3.10 -10.70	46.26 1.55 -12.27	65.22 1.14 -40.68	45.96 1.59 -6.45	49.29 1.99 -0.29
BARRETT_IC_3 23706	48.54 1.56 0.00	49.60 1.53 0.00	43.03 1.25 0.00	38.57 1.31 0.00	44.00 1.21 0.00	40.04 1.40 0.00	45.98 1.73 -3.01	55.15 2.41 -0.75	54.56 1.88 -14.10	50.68 2.07 -1.44	48.64 2.09 0.00	41.10 2.01 0.00	42.15 1.95 0.00	45.43 2.21 0.00	43.00 1.97 0.00	41.96 1.89 0.00	49.75 2.12 -5.91	90.51 2.60 -37.72	102.45 2.62 -43.42	81.79 3.10 -10.70	46.26 1.55 -12.27	65.22 1.14 -40.68	45.96 1.59 -6.45	49.29 1.99 -0.29
BARRETT_IC_4 23707	48.54 1.56 0.00	49.60 1.53 0.00	43.03 1.25 0.00	38.57 1.31 0.00	44.00 1.21 0.00	40.04 1.40 0.00	45.98 1.73 -3.01	55.15 2.41 -0.75	54.56 1.88 -14.10	50.68 2.07 -1.44	48.64 2.09 0.00	41.10 2.01 0.00	42.15 1.95 0.00	45.43 2.21 0.00	43.00 1.97 0.00	41.96 1.89 0.00	49.75 2.12 -5.91	90.51 2.60 -37.72	102.45 2.62 -43.42	81.79 3.10 -10.70	46.26 1.55 -12.27	65.22 1.14 -40.68	45.96 1.59 -6.45	49.29 1.99 -0.29

BARRETT_IC_5 23708	48.54 1.56 0.00	49.60 1.53 0.00	43.03 1.25 0.00	38.57 1.31 0.00	44.00 1.21 0.00	40.04 1.40 0.00	45.98 1.73 -3.01	55.15 2.41 -0.75	54.56 1.88 -14.10	50.68 2.07 -1.44	48.64 2.09 0.00	41.10 2.01 0.00	42.15 1.95 0.00	45.43 2.21 0.00	43.00 1.97 0.00	41.96 1.89 0.00	49.75 2.12 -5.91	90.51 2.60 -37.72	102.45 2.62 -43.42	81.79 3.10 -10.70	46.26 1.55 -12.27	65.22 1.14 -40.68	45.96 1.59 -6.45	49.29 1.99 -0.29
BARRETT_IC_6 23709	48.54 1.56 0.00	49.60 1.53 0.00	43.03 1.25 0.00	38.57 1.31 0.00	44.00 1.21 0.00	40.04 1.40 0.00	45.98 1.73 -3.01	55.15 2.41 -0.75	54.56 1.88 -14.10	50.68 2.07 -1.44	48.64 2.09 0.00	41.10 2.01 0.00	42.15 1.95 0.00	45.43 2.21 0.00	43.00 1.97 0.00	41.96 1.89 0.00	49.75 2.12 -5.91	90.51 2.60 -37.72	102.45 2.62 -43.42	81.79 3.10 -10.70	46.26 1.55 -12.27	65.22 1.14 -40.68	45.96 1.59 -6.45	49.29 1.99 -0.29
BARRETT_IC_7 23710	48.54 1.56 0.00	49.60 1.53 0.00	43.03 1.25 0.00	38.57 1.31 0.00	44.00 1.21 0.00	40.04 1.40 0.00	45.99 1.74 -3.01	55.15 2.41 -0.75	54.56 1.88 -14.10	50.70 2.09 -1.44	48.65 2.10 0.00	41.10 2.01 0.00	42.16 1.96 0.00	45.44 2.22 0.00	43.01 1.98 0.00	41.96 1.90 0.00	49.75 2.12 -5.91	90.51 2.60 -37.72	102.45 2.62 -43.42	81.78 3.09 -10.70	46.26 1.55 -12.27	65.22 1.14 -40.68	45.96 1.58 -6.45	49.28 1.98 -0.29
BARRETT_IC_8 23711	48.54 1.56 0.00	49.60 1.53 0.00	43.03 1.25 0.00	38.57 1.31 0.00	44.00 1.21 0.00	40.04 1.40 0.00	45.98 1.73 -3.01	55.15 2.41 -0.75	54.56 1.88 -14.10	50.68 2.07 -1.44	48.64 2.09 0.00	41.10 2.01 0.00	42.15 1.95 0.00	45.43 2.21 0.00	43.00 1.97 0.00	41.96 1.89 0.00	49.75 2.12 -5.91	90.51 2.60 -37.72	102.45 2.62 -43.42	81.79 3.10 -10.70	46.26 1.55 -12.27	65.22 1.14 -40.68	45.96 1.59 -6.45	49.29 1.99 -0.29
BARRETT_IC_9 23700	48.54 1.56 0.00	49.60 1.53 0.00	43.03 1.25 0.00	38.57 1.31 0.00	44.00 1.21 0.00	40.04 1.40 0.00	45.98 1.73 -3.01	55.15 2.41 -0.75	54.56 1.88 -14.10	50.68 2.07 -1.44	48.64 2.09 0.00	41.10 2.01 0.00	42.15 1.95 0.00	45.43 2.21 0.00	43.00 1.97 0.00	41.96 1.89 0.00	49.75 2.12 -5.91	90.51 2.60 -37.72	102.45 2.62 -43.42	81.79 3.10 -10.70	46.26 1.55 -12.27	65.22 1.14 -40.68	45.96 1.59 -6.45	49.29 1.99 -0.29
BARRETT___1 23545	48.54 1.56 0.00	49.60 1.53 0.00	43.03 1.25 0.00	38.57 1.31 0.00	44.00 1.21 0.00	40.04 1.40 0.00	45.98 1.73 -3.01	55.15 2.41 -0.75	54.56 1.88 -14.10	50.68 2.07 -1.44	48.64 2.09 0.00	41.10 2.01 0.00	42.15 1.95 0.00	45.43 2.21 0.00	43.00 1.97 0.00	41.96 1.89 0.00	49.75 2.12 -5.91	90.51 2.60 -37.72	102.45 2.62 -43.42	81.79 3.10 -10.70	46.26 1.55 -12.27	65.22 1.14 -40.68	45.96 1.59 -6.45	49.29 1.99 -0.29
BARRETT___2 23546	48.54 1.56 0.00	49.60 1.53 0.00	43.03 1.25 0.00	38.57 1.31 0.00	44.00 1.21 0.00	40.04 1.40 0.00	45.98 1.73 -3.01	55.15 2.41 -0.75	54.56 1.88 -14.10	50.68 2.07 -1.44	48.64 2.09 0.00	41.10 2.01 0.00	42.15 1.95 0.00	45.43 2.21 0.00	43.00 1.97 0.00	41.96 1.89 0.00	49.75 2.12 -5.91	90.51 2.60 -37.72	102.45 2.62 -43.42	81.79 3.10 -10.70	46.26 1.55 -12.27	65.22 1.14 -40.68	45.96 1.59 -6.45	49.29 1.99 -0.29
BATAVIA__115KV_TB1 55881	45.03 -1.95 0.00	46.31 -1.76 0.00	39.97 -1.81 0.00	35.64 -1.62 0.00	41.39 -1.41 0.00	37.09 -1.55 0.00	39.57 -1.43 0.24	45.37 -2.19 4.42	34.04 -1.97 2.59	40.95 -2.25 3.99	40.71 -2.06 3.78	34.09 -1.76 3.25	35.16 -1.71 3.33	38.01 -1.66 3.55	35.97 -1.67 3.39	36.47 -1.82 1.78	38.57 -2.18 0.97	54.84 -1.45 -6.10	62.35 -1.07 -7.02	68.47 -1.25 -1.73	33.49 -0.93 -1.99	27.97 -0.71 -5.27	36.78 -1.12 0.03	45.69 -1.32 0.00
BAYONEEC___CTG1 323682	48.22 1.24 0.00	49.08 1.01 0.00	42.64 0.87 0.00	38.33 1.07 0.00	43.64 0.84 0.00	39.81 1.17 0.00	45.83 1.58 -3.01	55.00 2.26 -0.76	54.46 1.77 -14.10	50.84 2.23 -1.44	48.76 2.21 0.00	41.03 1.93 0.00	42.10 1.90 0.00	45.19 1.97 0.00	42.95 1.92 0.00	42.11 2.04 0.00	49.75 2.12 -5.92	90.52 2.60 -37.72	102.65 2.81 -43.43	82.04 3.34 -10.70	46.29 1.59 -12.27	65.21 1.12 -40.68	46.02 1.64 -6.45	49.10 1.79 -0.29
BAYONEEC___CTG10 323750	48.22 1.24 0.00	49.08 1.01 0.00	42.64 0.87 0.00	38.33 1.07 0.00	43.64 0.84 0.00	39.81 1.17 0.00	45.83 1.58 -3.01	55.00 2.26 -0.76	54.46 1.77 -14.10	50.84 2.23 -1.44	48.76 2.21 0.00	41.03 1.93 0.00	42.10 1.90 0.00	45.19 1.97 0.00	42.95 1.92 0.00	42.11 2.04 0.00	49.75 2.12 -5.92	90.52 2.60 -37.72	102.65 2.81 -43.43	82.04 3.34 -10.70	46.29 1.59 -12.27	65.21 1.12 -40.68	46.02 1.64 -6.45	49.10 1.79 -0.29
BAYONEEC___CTG2 323683	48.22 1.24 0.00	49.08 1.01 0.00	42.64 0.87 0.00	38.33 1.07 0.00	43.64 0.84 0.00	39.81 1.17 0.00	45.83 1.58 -3.01	55.00 2.26 -0.76	54.46 1.77 -14.10	50.84 2.23 -1.44	48.76 2.21 0.00	41.03 1.93 0.00	42.10 1.90 0.00	45.19 1.97 0.00	42.95 1.92 0.00	42.11 2.04 0.00	49.75 2.12 -5.92	90.52 2.60 -37.72	102.65 2.81 -43.43	82.04 3.34 -10.70	46.29 1.59 -12.27	65.21 1.12 -40.68	46.02 1.64 -6.45	49.10 1.79 -0.29
BAYONEEC___CTG3 323684	48.22 1.24 0.00	49.08 1.01 0.00	42.64 0.87 0.00	38.33 1.07 0.00	43.64 0.84 0.00	39.81 1.17 0.00	45.83 1.58 -3.01	55.00 2.26 -0.76	54.46 1.77 -14.10	50.84 2.23 -1.44	48.76 2.21 0.00	41.03 1.93 0.00	42.10 1.90 0.00	45.19 1.97 0.00	42.95 1.92 0.00	42.11 2.04 0.00	49.75 2.12 -5.92	90.52 2.60 -37.72	102.65 2.81 -43.43	82.04 3.34 -10.70	46.29 1.59 -12.27	65.21 1.12 -40.68	46.02 1.64 -6.45	49.10 1.79 -0.29
BAYONEEC___CTG4 323685	48.22 1.24 0.00	49.08 1.01 0.00	42.64 0.87 0.00	38.33 1.07 0.00	43.64 0.84 0.00	39.81 1.17 0.00	45.83 1.58 -3.01	55.00 2.26 -0.76	54.46 1.77 -14.10	50.84 2.23 -1.44	48.76 2.21 0.00	41.03 1.93 0.00	42.10 1.90 0.00	45.19 1.97 0.00	42.95 1.92 0.00	42.11 2.04 0.00	49.75 2.12 -5.92	90.52 2.60 -37.72	102.65 2.81 -43.43	82.04 3.34 -10.70	46.29 1.59 -12.27	65.21 1.12 -40.68	46.02 1.64 -6.45	49.10 1.79 -0.29
BAYONEEC___CTG5 323686	48.22 1.24 0.00	49.08 1.01 0.00	42.64 0.87 0.00	38.33 1.07 0.00	43.64 0.84 0.00	39.81 1.17 0.00	45.83 1.58 -3.01	55.00 2.26 -0.76	54.46 1.77 -14.10	50.84 2.23 -1.44	48.76 2.21 0.00	41.03 1.93 0.00	42.10 1.90 0.00	45.19 1.97 0.00	42.95 1.92 0.00	42.11 2.04 0.00	49.75 2.12 -5.92	90.52 2.60 -37.72	102.65 2.81 -43.43	82.04 3.34 -10.70	46.29 1.59 -12.27	65.21 1.12 -40.68	46.02 1.64 -6.45	49.10 1.79 -0.29
BAYONEEC___CTG6 323687	48.22 1.24 0.00	49.08 1.01 0.00	42.64 0.87 0.00	38.33 1.07 0.00	43.64 0.84 0.00	39.81 1.17 0.00	45.83 1.58 -3.01	55.00 2.26 -0.76	54.46 1.77 -14.10	50.84 2.23 -1.44	48.76 2.21 0.00	41.03 1.93 0.00	42.10 1.90 0.00	45.19 1.97 0.00	42.95 1.92 0.00	42.11 2.04 0.00	49.75 2.12 -5.92	90.52 2.60 -37.72	102.65 2.81 -43.43	82.04 3.34 -10.70	46.29 1.59 -12.27	65.21 1.12 -40.68	46.02 1.64 -6.45	49.10 1.79 -0.29

BAYONEEC___CTG7 323688	48.22 1.24 0.00	49.08 1.01 0.00	42.64 0.87 0.00	38.33 1.07 0.00	43.64 0.84 0.00	39.81 1.17 0.00	45.83 1.58 -3.01	55.00 2.26 -0.76	54.46 1.77 -14.10	50.84 2.23 -1.44	48.76 2.21 0.00	41.03 1.93 0.00	42.10 1.90 0.00	45.19 1.97 0.00	42.95 1.92 0.00	42.11 2.04 0.00	49.75 2.12 -5.92	90.52 2.60 -37.72	102.65 2.81 -43.43	82.04 3.34 -10.70	46.29 1.59 -12.27	65.21 1.12 -40.68	46.02 1.64 -6.45	49.10 1.79 -0.29
BAYONEEC___CTG8 323689	48.22 1.24 0.00	49.08 1.01 0.00	42.64 0.87 0.00	38.33 1.07 0.00	43.64 0.84 0.00	39.81 1.17 0.00	45.83 1.58 -3.01	55.00 2.26 -0.76	54.46 1.77 -14.10	50.84 2.23 -1.44	48.76 2.21 0.00	41.03 1.93 0.00	42.10 1.90 0.00	45.19 1.97 0.00	42.95 1.92 0.00	42.11 2.04 0.00	49.75 2.12 -5.92	90.52 2.60 -37.72	102.65 2.81 -43.43	82.04 3.34 -10.70	46.29 1.59 -12.27	65.21 1.12 -40.68	46.02 1.64 -6.45	49.10 1.79 -0.29
BAYONEEC___CTG9 323749	48.22 1.24 0.00	49.08 1.01 0.00	42.64 0.87 0.00	38.33 1.07 0.00	43.64 0.84 0.00	39.81 1.17 0.00	45.83 1.58 -3.01	55.00 2.26 -0.76	54.46 1.77 -14.10	50.84 2.23 -1.44	48.76 2.21 0.00	41.03 1.93 0.00	42.10 1.90 0.00	45.19 1.97 0.00	42.95 1.92 0.00	42.11 2.04 0.00	49.75 2.12 -5.92	90.52 2.60 -37.72	102.65 2.81 -43.43	82.04 3.34 -10.70	46.29 1.59 -12.27	65.21 1.12 -40.68	46.02 1.64 -6.45	49.10 1.79 -0.29
BEACON___LESR 323632	48.89 1.91 0.00	49.98 1.91 0.00	43.45 1.67 0.00	38.80 1.54 0.00	44.59 1.80 0.00	40.31 1.67 0.00	57.39 2.00 -14.16	58.16 2.63 -3.55	57.51 1.88 -17.04	51.20 2.29 -1.73	48.68 2.13 0.00	40.73 1.64 0.00	41.99 1.79 0.00	45.03 1.82 0.00	42.75 1.72 0.00	41.89 1.82 0.00	50.88 2.02 -7.15	98.23 2.46 -45.57	111.69 2.81 -52.47	84.24 3.31 -12.92	48.74 1.48 -14.82	73.59 1.04 -49.15	47.37 1.67 -7.78	49.37 2.01 -0.35
BEAVER RIVER___HYD 24048	48.95 1.98 0.00	49.60 1.53 0.00	43.24 1.46 0.00	38.69 1.43 0.00	45.01 2.21 0.00	40.78 2.14 0.00	44.05 2.81 0.00	55.86 3.87 0.00	41.22 1.84 -0.80	48.56 1.31 -0.08	48.30 1.76 0.00	40.41 1.32 0.00	41.48 1.28 0.00	44.74 1.53 0.00	42.11 1.08 0.00	40.98 0.91 0.00	43.53 1.48 -0.34	54.34 2.01 -2.14	60.95 2.09 -2.46	70.25 1.66 -0.61	33.69 0.55 -0.70	26.16 0.45 -2.30	39.35 1.05 -0.36	47.99 0.96 -0.02
BEEBEE_GT_13 23619	44.87 -2.11 0.00	46.08 -1.99 0.00	39.88 -1.90 0.00	35.57 -1.69 0.00	41.14 -1.66 0.00	36.91 -1.72 0.00	39.56 -1.68 0.00	49.65 -2.34 0.00	38.65 -1.97 -2.03	45.10 -2.29 -0.21	44.40 -2.15 0.00	37.29 -1.81 0.00	38.49 -1.72 0.00	41.48 -1.73 0.00	39.30 -1.73 0.00	38.29 -1.77 0.00	40.69 -1.88 -0.85	54.05 -1.58 -5.43	61.08 -1.57 -6.25	67.65 -1.88 -1.54	33.07 -1.14 -1.77	28.45 -0.81 -5.86	37.57 -1.29 -0.93	45.40 -1.66 -0.04
BENSHRST_27_KV_BENSHRST_1 355998	57.65 2.03 -8.64	56.55 1.73 -6.74	56.22 1.45 -13.00	56.17 1.59 -17.32	56.24 1.42 -12.02	56.61 1.80 -16.17	56.55 2.31 -13.00	65.24 3.20 -10.05	58.72 2.49 -17.64	58.19 3.17 -7.84	58.53 3.15 -8.83	63.54 2.74 -21.71	62.66 2.73 -19.73	63.10 2.88 -17.00	62.54 2.79 -18.72	68.69 2.86 -25.76	98.84 2.97 -54.16	104.00 3.50 -50.30	109.01 3.89 -48.72	116.53 4.68 -43.86	60.38 2.28 -25.66	74.46 1.60 -49.45	62.54 2.40 -22.21	65.37 2.64 -15.71
BETHLEHEM___GRP 23843	48.48 1.50 0.00	49.57 1.50 0.00	43.11 1.34 0.00	38.50 1.24 0.00	44.15 1.35 0.00	39.96 1.32 0.00	57.60 1.52 -14.84	57.63 1.93 -3.72	57.05 1.39 -17.06	50.59 1.68 -1.74	48.15 1.60 0.00	40.36 1.27 0.00	41.49 1.28 0.00	44.56 1.34 0.00	42.34 1.31 0.00	41.43 1.37 0.00	50.37 1.49 -7.16	97.60 1.76 -45.65	110.96 2.01 -52.56	83.25 2.31 -12.95	48.35 1.06 -14.84	73.40 0.76 -49.23	46.98 1.26 -7.79	48.87 1.50 -0.35
BETHLEHEM___GS1 323560	48.48 1.50 0.00	49.57 1.50 0.00	43.11 1.34 0.00	38.50 1.24 0.00	44.15 1.36 0.00	39.96 1.32 0.00	57.59 1.52 -14.84	57.63 1.93 -3.72	57.05 1.39 -17.06	50.59 1.68 -1.74	48.15 1.60 0.00	40.35 1.25 0.00	41.48 1.28 0.00	44.56 1.34 0.00	42.34 1.30 0.00	41.43 1.37 0.00	50.37 1.49 -7.16	97.60 1.76 -45.65	110.96 2.01 -52.56	83.25 2.31 -12.95	48.35 1.06 -14.84	73.41 0.77 -49.23	46.97 1.25 -7.79	48.86 1.49 -0.35
BETHLEHEM___GS2 323561	48.48 1.50 0.00	49.57 1.50 0.00	43.11 1.34 0.00	38.50 1.24 0.00	44.15 1.36 0.00	39.96 1.32 0.00	57.59 1.52 -14.84	57.63 1.93 -3.72	57.05 1.39 -17.06	50.59 1.68 -1.74	48.15 1.60 0.00	40.35 1.25 0.00	41.48 1.28 0.00	44.56 1.34 0.00	42.34 1.30 0.00	41.43 1.37 0.00	50.37 1.49 -7.16	97.60 1.76 -45.65	110.96 2.01 -52.56	83.25 2.31 -12.95	48.35 1.06 -14.84	73.41 0.77 -49.23	46.97 1.25 -7.79	48.86 1.49 -0.35
BETHLEHEM___GS3 323562	48.48 1.50 0.00	49.57 1.50 0.00	43.11 1.34 0.00	38.50 1.24 0.00	44.15 1.36 0.00	39.96 1.32 0.00	57.59 1.52 -14.84	57.63 1.93 -3.72	57.05 1.39 -17.06	50.59 1.68 -1.74	48.15 1.60 0.00	40.35 1.25 0.00	41.48 1.28 0.00	44.56 1.34 0.00	42.34 1.30 0.00	41.43 1.37 0.00	50.37 1.49 -7.16	97.60 1.76 -45.65	110.96 2.01 -52.56	83.25 2.31 -12.95	48.35 1.06 -14.84	73.41 0.77 -49.23	46.97 1.25 -7.79	48.86 1.49 -0.35
BETHLEHEM___STEEL 23779	44.54 -2.44 0.00	45.87 -2.20 0.00	39.61 -2.17 0.00	35.31 -1.95 0.00	41.01 -1.78 0.00	36.64 -2.00 0.00	39.00 -2.00 0.24	44.56 -3.03 4.39	33.72 -2.63 2.24	40.21 -3.04 3.92	39.98 -2.81 3.75	33.51 -2.35 3.23	34.72 -2.18 3.30	37.56 -2.14 3.52	35.49 -2.17 3.37	36.04 -2.26 1.76	38.54 -2.37 0.81	55.41 -1.72 -6.93	62.72 -1.65 -7.98	68.05 -1.91 -1.97	33.37 -1.33 -2.25	28.62 -0.97 -6.19	36.57 -1.48 -0.12	45.27 -1.75 -0.01
BETHLHEM_115KV_TB1 79974	48.15 1.17 0.00	49.24 1.16 0.00	42.85 1.07 0.00	38.26 1.00 0.00	43.85 1.06 0.00	39.68 1.05 0.00	52.10 1.23 -9.63	55.99 1.59 -2.41	56.74 1.15 -17.00	50.28 1.37 -1.73	47.85 1.30 0.00	40.14 1.04 0.00	41.25 1.05 0.00	44.30 1.09 0.00	42.11 1.08 0.00	41.19 1.13 0.00	50.07 1.22 -7.13	97.15 1.47 -45.48	110.45 1.68 -52.37	82.81 1.92 -12.90	48.13 0.89 -14.79	73.10 0.64 -49.06	46.75 1.05 -7.77	48.61 1.24 -0.35
BETHPAGE_CC_5 323564	48.81 1.83 0.00	49.87 1.80 0.00	43.24 1.47 0.00	38.77 1.51 0.00	44.21 1.42 0.00	40.25 1.61 0.00	46.19 1.94 -3.01	55.47 2.73 -0.75	54.86 2.17 -14.10	51.00 2.39 -1.44	48.75 2.20 0.00	41.14 2.04 0.00	42.16 1.96 0.00	45.47 2.25 0.00	43.00 1.96 0.00	41.97 1.91 0.00	49.85 2.22 -5.91	90.81 2.90 -37.72	102.76 2.93 -43.42	82.17 3.48 -10.70	46.44 1.73 -12.27	65.42 1.34 -40.68	46.24 1.87 -6.45	49.69 2.38 -0.29
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	44.71 -2.27 0.00	46.05 -2.02 0.00	39.76 -2.01 0.00	35.46 -1.80 0.00	41.19 -1.60 0.00	36.81 -1.82 0.00	39.20 -1.81 0.22	45.08 -2.82 4.09	34.26 -2.45 1.87	40.71 -2.84 3.63	40.42 -2.63 3.49	33.89 -2.20 3.00	35.11 -2.02 3.07	37.99 -1.95 3.28	35.90 -2.00 3.13	36.33 -2.09 1.64	38.86 -2.20 0.66	55.73 -1.48 -7.01	63.12 -1.35 -8.07	68.47 -1.51 -1.99	33.56 -1.16 -2.28	28.90 -0.87 -6.37	36.80 -1.34 -0.21	45.50 -1.53 -0.02

BINGHAMTON___COGEN 23790	46.01 -0.97 0.00	47.13 -0.94 0.00	40.95 -0.83 0.00	36.54 -0.72 0.00	42.11 -0.69 0.00	38.02 -0.62 0.00	42.09 -0.53 -1.38	51.73 -0.60 -0.34	42.75 -0.52 -4.68	47.01 -0.65 -0.48	45.91 -0.64 0.00	38.57 -0.52 0.00	39.68 -0.53 0.00	42.72 -0.50 0.00	40.54 -0.50 0.00	39.70 -0.36 0.00	43.23 -0.45 -1.96	62.56 -0.16 -12.53	70.70 -0.12 -14.43	71.47 -0.07 -3.55	36.37 -0.14 -4.07	36.81 -0.11 -13.51	39.84 -0.23 -2.14	46.79 -0.32 -0.10
BIXINCNT_115KV_LOAD 355685	44.25 -2.73 0.00	45.58 -2.49 0.00	39.36 -2.41 0.00	35.33 -1.93 0.00	41.36 -1.43 0.00	36.91 -1.73 0.00	39.95 -1.90 -0.61	46.69 -3.21 2.08	36.12 -2.74 -0.27	42.03 -3.26 1.88	41.37 -3.24 1.94	34.53 -2.90 1.67	35.97 -2.52 1.71	39.27 -2.13 1.82	37.07 -2.22 1.74	36.52 -2.64 0.91	39.52 -2.39 -0.19	56.43 -1.16 -7.39	64.42 -0.49 -8.51	69.92 -0.17 -2.10	34.01 -0.83 -2.40	29.76 -0.95 -7.31	37.06 -1.59 -0.72	45.73 -1.32 -0.04
BLACK RIVER___HYD 24047	48.25 1.27 0.00	48.86 0.79 0.00	42.66 0.89 0.00	38.23 0.97 0.00	44.56 1.76 0.00	40.42 1.78 0.00	43.75 2.52 0.00	55.60 3.62 0.00	41.24 1.62 -1.03	48.08 0.80 -0.10	47.67 1.13 0.00	39.81 0.72 0.00	40.96 0.76 0.00	44.18 0.97 0.00	41.60 0.57 0.00	40.65 0.58 0.00	43.25 1.10 -0.43	54.56 1.60 -2.76	61.38 1.80 -3.18	70.43 1.65 -0.78	33.96 0.63 -0.90	26.80 0.42 -2.98	39.22 0.82 -0.47	47.63 0.60 -0.02
BLACKRVR_115KV_TB2 79977	48.25 1.27 0.00	48.86 0.79 0.00	42.67 0.89 0.00	38.23 0.97 0.00	44.56 1.76 0.00	40.42 1.78 0.00	43.75 2.52 0.00	55.60 3.61 0.00	41.24 1.62 -1.03	48.07 0.79 -0.10	47.66 1.12 0.00	39.80 0.71 0.00	40.94 0.74 0.00	44.18 0.96 0.00	41.60 0.57 0.00	40.65 0.58 0.00	43.25 1.10 -0.43	54.56 1.60 -2.76	61.36 1.79 -3.18	70.43 1.66 -0.78	33.96 0.63 -0.90	26.80 0.42 -2.98	39.22 0.82 -0.47	47.63 0.60 -0.02
BLISS_WT_PWR 323608	43.91 -3.07 0.00	45.25 -2.82 0.00	39.08 -2.70 0.00	35.14 -2.12 0.00	41.21 -1.58 0.00	36.76 -1.88 0.00	39.74 -2.11 -0.61	46.34 -3.56 2.08	35.86 -3.00 -0.27	41.70 -3.59 1.88	41.02 -3.59 1.94	34.22 -3.21 1.67	35.70 -2.79 1.71	39.05 -2.35 1.82	36.86 -2.43 1.74	36.16 -2.99 0.91	39.30 -2.61 -0.19	56.29 -1.30 -7.39	64.39 -0.51 -8.51	69.96 -0.13 -2.10	33.94 -0.90 -2.40	29.62 -1.10 -7.31	36.82 -1.83 -0.72	45.54 -1.51 -0.04
BLUESTONE___WT_PWR 323821	44.93 -2.05 0.00	46.11 -1.96 0.00	40.14 -1.64 0.00	35.67 -1.59 0.00	41.04 -1.76 0.00	37.20 -1.44 0.00	42.74 -1.01 -2.51	51.39 -1.23 -0.63	42.39 -1.22 -5.02	46.09 -1.60 -0.51	44.81 -1.74 0.00	37.61 -1.48 0.00	38.63 -1.57 0.00	41.46 -1.75 0.00	39.50 -1.53 0.00	38.82 -1.24 0.00	42.30 -1.52 -2.11	62.12 -1.53 -13.44	70.22 -1.66 -15.48	70.11 -1.70 -3.81	35.77 -1.04 -4.37	37.40 -0.51 -14.50	39.27 -0.95 -2.30	46.60 -0.51 -0.10
BLUE_CIRC_CHEM_DRP 24182	48.44 1.46 0.00	49.56 1.49 0.00	43.14 1.36 0.00	38.52 1.26 0.00	44.17 1.38 0.00	39.96 1.32 0.00	53.22 1.48 -10.51	56.48 1.86 -2.63	56.74 1.32 -16.83	50.45 1.56 -1.71	47.99 1.45 0.00	40.24 1.14 0.00	41.38 1.18 0.00	44.48 1.26 0.00	42.28 1.25 0.00	41.36 1.29 0.00	50.20 1.42 -7.06	96.92 1.72 -45.00	110.18 1.97 -51.81	83.01 2.25 -12.76	48.12 1.04 -14.64	72.72 0.78 -48.54	46.89 1.28 -7.68	48.89 1.53 -0.35
BOC_GAS_DRP 24189	47.92 0.95 0.00	49.03 0.96 0.00	42.65 0.88 0.00	38.08 0.82 0.00	43.66 0.86 0.00	39.49 0.86 0.00	51.88 1.02 -9.63	55.72 1.33 -2.41	56.56 0.96 -17.00	50.06 1.16 -1.73	47.65 1.11 0.00	39.97 0.88 0.00	41.08 0.88 0.00	44.13 0.91 0.00	41.93 0.89 0.00	41.02 0.96 0.00	49.88 1.04 -7.13	96.93 1.25 -45.48	110.18 1.40 -52.37	82.51 1.61 -12.90	47.98 0.75 -14.79	73.02 0.55 -49.06	46.60 0.90 -7.77	48.42 1.06 -0.35
BOONVILLE_115KV_TB1 79983	48.26 1.29 0.00	49.13 1.06 0.00	42.76 0.98 0.00	38.21 0.95 0.00	44.14 1.35 0.00	40.00 1.37 0.00	43.02 1.79 0.00	54.45 2.46 0.00	40.55 1.33 -0.63	48.48 1.24 -0.06	47.96 1.41 0.00	40.22 1.12 0.00	41.30 1.10 0.00	44.37 1.16 0.00	42.03 1.00 0.00	41.12 1.05 0.00	43.41 1.43 -0.27	53.83 1.94 -1.70	60.37 2.01 -1.95	70.37 1.90 -0.48	33.72 0.73 -0.55	25.76 0.52 -1.83	39.15 0.94 -0.29	48.01 0.99 -0.01
BORALEX_4TH_BRANCH 23824	49.55 2.58 0.00	50.64 2.57 0.00	44.03 2.25 0.00	39.28 2.02 0.00	45.12 2.33 0.00	40.82 2.18 0.00	66.45 2.34 -22.88	60.49 2.78 -5.73	57.61 1.97 -17.05	51.18 2.26 -1.74	48.65 2.11 0.00	40.71 1.62 0.00	41.77 1.57 0.00	44.83 1.61 0.00	42.61 1.58 0.00	41.72 1.66 0.00	50.73 1.86 -7.15	97.82 2.01 -45.62	111.24 2.31 -52.53	83.64 2.71 -12.94	48.53 1.25 -14.84	73.52 0.91 -49.21	47.26 1.55 -7.78	49.32 1.96 -0.35
BOWLINE___1 23526	47.98 1.00 0.00	48.85 0.78 0.00	42.44 0.67 0.00	38.03 0.77 0.00	43.44 0.64 0.00	39.55 0.91 0.00	45.37 1.26 -2.87	54.50 1.80 -0.72	53.45 1.37 -13.50	50.24 1.69 -1.37	48.22 1.68 0.00	40.48 1.39 0.00	41.55 1.35 0.00	44.63 1.42 0.00	42.44 1.41 0.00	41.56 1.50 0.00	48.95 1.57 -5.67	88.30 1.97 -36.13	100.21 2.20 -41.60	80.79 2.55 -10.25	45.40 1.21 -11.75	63.22 0.84 -38.97	45.33 1.22 -6.18	48.68 1.38 -0.28
BOWLINE___2 23595	47.96 0.98 0.00	48.86 0.79 0.00	42.44 0.67 0.00	38.03 0.77 0.00	43.44 0.64 0.00	39.55 0.91 0.00	45.37 1.26 -2.87	54.51 1.81 -0.72	53.46 1.37 -13.50	50.24 1.69 -1.37	48.22 1.68 0.00	40.48 1.39 0.00	41.55 1.35 0.00	44.63 1.42 0.00	42.44 1.41 0.00	41.56 1.50 0.00	48.95 1.57 -5.67	88.30 1.97 -36.14	100.21 2.21 -41.61	80.79 2.55 -10.25	45.40 1.21 -11.75	63.22 0.84 -38.97	45.33 1.22 -6.18	48.68 1.38 -0.28
BRADY___115KV_TB2 356060	55.00 8.02 0.00	56.03 7.96 0.00	48.52 6.74 0.00	43.17 5.92 0.00	50.16 7.37 0.00	45.32 6.68 0.00	49.26 8.03 0.00	61.94 9.96 0.00	45.53 6.39 -0.56	53.79 6.56 -0.06	53.90 7.35 0.00	44.75 5.65 0.00	46.04 5.84 0.00	50.31 7.09 0.00	46.85 5.82 0.00	44.67 4.61 0.00	46.58 4.63 -0.23	58.00 5.44 -2.36	66.52 6.56 -3.56	76.76 7.44 -1.34	36.88 3.39 -1.06	27.77 2.75 -1.61	43.56 5.38 -0.25	52.95 5.92 -0.01
BRANSCOMB___SOLAR 323811	50.17 3.19 0.00	51.25 3.18 0.00	44.53 2.75 0.00	39.75 2.49 0.00	45.73 2.93 0.00	41.40 2.76 0.00	74.10 3.15 -29.71	63.40 3.98 -7.44	58.99 2.89 -17.50	52.43 3.47 -1.78	49.80 3.25 0.00	41.69 2.59 0.00	42.80 2.60 0.00	45.97 2.75 0.00	43.68 2.65 0.00	42.78 2.71 0.00	52.00 2.95 -7.34	100.57 3.54 -46.83	114.26 3.94 -53.92	85.91 4.64 -13.28	49.77 2.11 -15.23	75.41 1.50 -50.51	48.29 2.37 -7.99	50.31 2.94 -0.36
BRENTWOD_69_KV_W. BRTWOOD 56703	49.25 2.27 0.00	50.34 2.27 0.00	43.66 1.88 0.00	39.14 1.88 0.00	44.64 1.84 0.00	40.69 2.05 0.00	46.69 2.44 -3.01	56.23 3.49 -0.75	55.39 2.71 -14.10	51.37 2.75 -1.44	49.11 2.56 0.00	41.47 2.38 0.00	42.49 2.29 0.00	45.88 2.66 0.00	43.34 2.30 0.00	42.31 2.25 0.00	50.26 2.63 -5.91	91.47 3.55 -37.72	103.39 3.56 -43.42	82.79 4.10 -10.70	46.69 1.99 -12.27	65.48 1.40 -40.68	46.29 1.92 -6.45	49.94 2.64 -0.29

BRISTLHL_115KV_TB1 79998	46.24 -0.74 0.00	47.26 -0.81 0.00	41.12 -0.66 0.00	36.72 -0.54 0.00	42.39 -0.40 0.00	38.28 -0.36 0.00	40.91 -0.32 0.00	51.62 -0.37 0.00	39.64 -0.46 -1.51	46.63 -0.70 -0.15	45.90 -0.64 0.00	38.57 -0.53 0.00	39.70 -0.50 0.00	42.69 -0.52 0.00	40.49 -0.54 0.00	39.59 -0.47 0.00	41.96 -0.39 -0.63	54.01 -0.22 -4.04	60.90 -0.15 -4.65	68.92 -0.22 -1.15	33.53 -0.22 -1.31	27.61 -0.15 -4.36	38.39 -0.23 -0.69	46.69 -0.36 -0.03
BROOKHAVEN___DRP 24191	48.98 2.01 0.00	50.05 1.98 0.00	43.40 1.62 0.00	38.90 1.64 0.00	44.37 1.58 0.00	40.47 1.83 0.00	46.48 2.23 -3.01	55.94 3.20 -0.75	55.16 2.47 -14.10	50.69 2.08 -1.44	48.25 1.70 0.00	40.75 1.66 0.00	41.74 1.53 0.00	45.13 1.92 0.00	42.68 1.64 0.00	41.65 1.58 0.00	49.56 1.93 -5.91	90.82 2.91 -37.72	102.56 2.73 -43.42	81.75 3.06 -10.70	46.21 1.50 -12.27	65.09 1.01 -40.68	45.68 1.30 -6.45	49.63 2.33 -0.29
BROOKLYN_NAVY_YARD 23515	48.19 1.21 0.00	49.05 0.98 0.00	42.63 0.85 0.00	38.35 1.09 0.00	43.61 0.82 0.00	39.80 1.16 0.00	45.81 1.56 -3.01	55.01 2.27 -0.76	54.47 1.79 -14.10	50.88 2.27 -1.44	48.76 2.21 0.00	41.09 1.99 0.00	42.19 1.99 0.00	45.24 2.02 0.00	43.02 1.99 0.00	42.19 2.12 0.00	49.82 2.19 -5.92	90.58 2.67 -37.72	102.72 2.88 -43.43	82.13 3.44 -10.70	46.32 1.62 -12.27	65.24 1.15 -40.68	46.06 1.69 -6.45	49.13 1.82 -0.29
BROOKLYN___ARMY_DRP 323595	57.42 1.80 -8.64	56.32 1.51 -6.74	56.04 1.26 -13.00	56.02 1.43 -17.32	56.04 1.22 -12.02	56.43 1.62 -16.17	56.33 2.10 -13.00	64.96 2.93 -10.05	58.50 2.27 -17.64	57.93 2.91 -7.84	58.26 2.88 -8.83	63.32 2.52 -21.71	62.43 2.50 -19.73	62.84 2.63 -17.00	62.30 2.55 -18.72	68.45 2.63 -25.76	98.59 2.72 -54.16	103.68 3.17 -50.30	108.65 3.53 -48.72	116.09 4.23 -43.86	60.18 2.08 -25.66	74.32 1.46 -49.45	62.33 2.19 -22.21	65.13 2.40 -15.71
BROOKVLE_69_KV_TB1 55790	49.03 2.06 0.00	50.07 2.00 0.00	43.41 1.64 0.00	38.92 1.66 0.00	44.40 1.61 0.00	40.45 1.81 0.00	46.47 2.23 -3.01	55.86 3.12 -0.75	55.11 2.43 -14.10	51.37 2.76 -1.44	49.23 2.68 0.00	41.51 2.41 0.00	42.56 2.36 0.00	45.89 2.67 0.00	43.44 2.41 0.00	42.42 2.35 0.00	50.27 2.64 -5.91	91.30 3.39 -37.72	103.43 3.60 -43.42	82.90 4.21 -10.70	46.72 2.02 -12.27	65.51 1.43 -40.68	46.41 2.04 -6.45	49.80 2.49 -0.29
BROOME_2_LFGE 323671	46.01 -0.97 0.00	47.13 -0.94 0.00	40.95 -0.83 0.00	36.54 -0.72 0.00	42.11 -0.69 0.00	38.02 -0.62 0.00	42.08 -0.53 -1.38	51.72 -0.60 -0.34	42.73 -0.54 -4.68	47.01 -0.65 -0.48	45.91 -0.63 0.00	38.58 -0.51 0.00	39.69 -0.51 0.00	42.72 -0.50 0.00	40.54 -0.49 0.00	39.70 -0.36 0.00	43.24 -0.45 -1.96	62.56 -0.16 -12.53	70.70 -0.12 -14.43	71.48 -0.06 -3.55	36.37 -0.14 -4.07	36.81 -0.11 -13.51	39.84 -0.22 -2.14	46.79 -0.32 -0.10
BROOME___LFGE 323600	46.01 -0.97 0.00	47.13 -0.94 0.00	40.95 -0.83 0.00	36.54 -0.72 0.00	42.11 -0.69 0.00	38.02 -0.62 0.00	42.08 -0.53 -1.38	51.72 -0.60 -0.34	42.73 -0.54 -4.68	47.01 -0.65 -0.48	45.91 -0.63 0.00	38.58 -0.51 0.00	39.69 -0.51 0.00	42.72 -0.50 0.00	40.54 -0.49 0.00	39.70 -0.36 0.00	43.24 -0.45 -1.96	62.56 -0.16 -12.53	70.70 -0.12 -14.43	71.48 -0.06 -3.55	36.37 -0.14 -4.07	36.81 -0.11 -13.51	39.84 -0.22 -2.14	46.79 -0.32 -0.10
BROWNFLS_115KV_TB_3_5 80003	50.73 3.76 0.00	51.54 3.47 0.00	44.82 3.04 0.00	40.01 2.75 0.00	46.47 3.67 0.00	41.95 3.31 0.00	45.34 4.11 0.00	57.31 5.33 0.00	42.33 3.06 -0.68	50.11 2.86 -0.07	49.99 3.45 0.00	41.76 2.66 0.00	42.90 2.70 0.00	46.53 3.31 0.00	43.57 2.53 0.00	41.83 1.76 0.00	44.01 2.00 -0.29	54.97 2.35 -2.42	62.38 2.63 -3.36	71.62 2.48 -1.14	34.43 1.01 -0.98	26.31 0.93 -1.97	40.40 2.16 -0.31	49.25 2.23 -0.01
BROWNSV1_27_KV_LOAD 356125	48.73 1.76 0.00	49.60 1.53 0.00	43.07 1.30 0.00	38.70 1.44 0.00	44.08 1.28 0.00	40.22 1.58 0.00	46.29 2.04 -3.01	55.62 2.88 -0.76	54.92 2.23 -14.10	51.42 2.80 -1.44	49.33 2.78 0.00	41.51 2.41 0.00	42.60 2.40 0.00	45.73 2.52 0.00	43.47 2.44 0.00	42.61 2.54 0.00	50.27 2.64 -5.92	91.17 3.25 -37.72	103.41 3.57 -43.43	82.93 4.24 -10.70	46.71 2.01 -12.27	65.50 1.41 -40.68	46.47 2.10 -6.45	49.63 2.32 -0.29
BURROWS___LYONSDAL 23803	48.29 1.31 0.00	49.08 1.01 0.00	42.75 0.97 0.00	38.22 0.96 0.00	44.24 1.45 0.00	40.09 1.45 0.00	43.15 1.92 0.00	54.67 2.69 0.00	40.57 1.32 -0.67	48.33 1.08 -0.07	47.89 1.34 0.00	40.14 1.05 0.00	41.21 1.01 0.00	44.28 1.07 0.00	41.89 0.85 0.00	40.98 0.92 0.00	43.40 1.40 -0.28	53.91 1.93 -1.78	60.40 1.95 -2.05	70.16 1.67 -0.51	33.60 0.58 -0.58	25.75 0.43 -1.92	39.05 0.82 -0.30	47.85 0.82 -0.01
CAITHNESS_CC_1 323624	48.92 1.94 0.00	49.98 1.91 0.00	43.34 1.57 0.00	38.85 1.59 0.00	44.31 1.52 0.00	40.41 1.77 0.00	46.41 2.17 -3.01	55.86 3.12 -0.75	55.11 2.42 -14.10	50.70 2.08 -1.44	48.28 1.74 0.00	40.78 1.69 0.00	41.75 1.55 0.00	45.15 1.93 0.00	42.70 1.66 0.00	41.66 1.60 0.00	49.59 1.96 -5.91	90.81 2.90 -37.72	102.54 2.72 -43.42	81.77 3.08 -10.70	46.21 1.51 -12.27	65.10 1.02 -40.68	45.69 1.31 -6.45	49.57 2.27 -0.29
CALPINE BETH_PAGE_GT4 24209	48.87 1.89 0.00	49.93 1.86 0.00	43.30 1.53 0.00	38.81 1.55 0.00	44.26 1.46 0.00	40.26 1.62 0.00	46.19 1.94 -3.01	55.46 2.72 -0.75	54.87 2.19 -14.10	51.12 2.51 -1.44	48.78 2.23 0.00	41.13 2.04 0.00	42.16 1.96 0.00	45.46 2.25 0.00	43.01 1.98 0.00	41.98 1.91 0.00	49.85 2.22 -5.91	90.82 2.91 -37.72	102.80 2.98 -43.42	82.18 3.50 -10.70	46.45 1.74 -12.27	65.43 1.35 -40.68	46.26 1.89 -6.45	49.69 2.39 -0.29
CALPINE_BETH_PAGE_GT_4 323586	48.87 1.89 0.00	49.93 1.86 0.00	43.30 1.53 0.00	38.81 1.55 0.00	44.26 1.46 0.00	40.26 1.62 0.00	46.19 1.94 -3.01	55.45 2.71 -0.75	54.87 2.18 -14.10	51.11 2.49 -1.44	48.77 2.22 0.00	41.13 2.03 0.00	42.15 1.95 0.00	45.45 2.23 0.00	43.00 1.96 0.00	41.97 1.91 0.00	49.85 2.22 -5.91	90.82 2.91 -37.72	102.80 2.97 -43.42	82.19 3.50 -10.70	46.45 1.74 -12.27	65.43 1.35 -40.68	46.26 1.89 -6.45	49.70 2.40 -0.29
CALPINE_BP_GT1 23823	48.87 1.89 0.00	49.93 1.86 0.00	43.30 1.53 0.00	38.81 1.55 0.00	44.26 1.46 0.00	40.26 1.62 0.00	46.19 1.94 -3.01	55.45 2.71 -0.75	54.87 2.18 -14.10	51.11 2.49 -1.44	48.77 2.22 0.00	41.13 2.03 0.00	42.15 1.95 0.00	45.45 2.23 0.00	43.00 1.96 0.00	41.97 1.91 0.00	49.85 2.22 -5.91	90.82 2.91 -37.72	102.80 2.97 -43.42	82.19 3.50 -10.70	46.45 1.74 -12.27	65.43 1.35 -40.68	46.26 1.89 -6.45	49.70 2.40 -0.29
CALSPAN___DRP 24200	44.54 -2.44 0.00	45.87 -2.20 0.00	39.61 -2.17 0.00	35.31 -1.95 0.00	41.01 -1.78 0.00	36.64 -2.00 0.00	39.00 -2.00 0.24	44.56 -3.03 4.39	33.72 -2.63 2.24	40.21 -3.04 3.92	39.98 -2.81 3.75	33.51 -2.35 3.23	34.72 -2.18 3.30	37.56 -2.14 3.52	35.49 -2.17 3.37	36.04 -2.26 1.76	38.54 -2.37 0.81	55.41 -1.72 -6.93	62.72 -1.65 -7.98	68.05 -1.91 -1.97	33.37 -1.33 -2.25	28.62 -0.97 -6.19	36.57 -1.48 -0.12	45.27 -1.75 -0.01

CALVERTON___SOLAR 323806	49.02 2.05 0.00	50.08 2.01 0.00	43.43 1.65 0.00	38.92 1.66 0.00	44.40 1.61 0.00	40.50 1.86 0.00	46.52 2.27 -3.01	55.99 3.25 -0.75	55.19 2.51 -14.10	50.66 2.05 -1.44	48.20 1.65 0.00	40.70 1.61 0.00	41.66 1.45 0.00	45.06 1.85 0.00	42.63 1.59 0.00	41.60 1.54 0.00	49.53 1.90 -5.91	90.82 2.91 -37.72	102.56 2.73 -43.42	81.74 3.05 -10.70	46.20 1.50 -12.27	65.08 1.00 -40.68	45.65 1.27 -6.45	49.72 2.42 -0.29
CANDIGU_WT_PWR 323617	42.85 -4.13 0.00	44.13 -3.94 0.00	38.30 -3.47 0.00	34.30 -2.96 0.00	39.89 -2.91 0.00	35.90 -2.74 0.00	36.07 -2.94 2.22	-8.77 -3.72 57.04	-23.93 -2.86 59.67	-10.68 -3.58 54.28	-6.00 -3.58 48.97	-6.00 -3.03 42.06	-6.00 -3.15 43.05	-6.00 -3.29 45.92	-6.00 -3.15 43.88	13.97 -2.91 23.18	14.89 -3.07 23.76	56.53 -2.71 -9.04	64.32 -2.49 -10.41	67.91 -2.65 -2.57	33.87 -1.51 -2.94	14.92 -1.12 7.36	23.42 -1.98 12.53	43.80 -2.72 0.49
CARR STREET_E_SYR 24060	45.67 -1.31 0.00	46.74 -1.33 0.00	40.62 -1.16 0.00	36.24 -1.02 0.00	41.76 -1.03 0.00	37.67 -0.97 0.00	40.24 -0.99 0.00	50.72 -1.26 0.00	39.14 -1.03 -1.59	46.06 -1.28 -0.16	45.32 -1.23 0.00	38.06 -1.03 0.00	39.17 -1.03 0.00	42.12 -1.09 0.00	39.99 -1.05 0.00	39.08 -0.99 0.00	41.38 -1.00 -0.67	53.48 -0.98 -4.25	60.28 -1.02 -4.90	67.94 -1.26 -1.21	33.14 -0.68 -1.38	27.55 -0.44 -4.59	38.01 -0.64 -0.73	46.19 -0.85 -0.03
CARTHAGE___PAPER 23857	48.99 2.02 0.00	49.64 1.56 0.00	43.29 1.51 0.00	38.74 1.48 0.00	45.11 2.32 0.00	40.90 2.26 0.00	44.24 3.01 0.00	56.14 4.16 0.00	41.56 2.03 -0.94	48.70 1.43 -0.10	48.36 1.81 0.00	40.41 1.31 0.00	41.49 1.29 0.00	44.79 1.57 0.00	42.16 1.13 0.00	41.10 1.03 0.00	43.71 1.60 -0.40	54.88 2.16 -2.52	61.64 2.34 -2.90	70.82 2.12 -0.71	34.08 0.82 -0.82	26.71 0.60 -2.72	39.56 1.20 -0.43	48.12 1.09 -0.02
CASSADAGA_WT_PWR 323784	43.21 -3.77 0.00	44.65 -3.42 0.00	38.96 -2.81 0.00	34.50 -2.76 0.00	40.05 -2.74 0.00	35.76 -2.88 0.00	38.96 -2.86 -0.59	45.85 -3.77 2.36	35.44 -3.07 0.07	41.32 -3.71 2.15	40.80 -3.58 2.17	34.16 -3.07 1.87	35.40 -2.89 1.91	38.35 -2.82 2.04	36.28 -2.81 1.95	36.21 -2.84 1.02	39.68 -2.09 -0.06	56.49 -1.00 -7.28	63.45 -1.33 -8.39	68.18 -1.87 -2.07	33.49 -1.32 -2.37	29.61 -0.91 -7.12	37.28 -1.29 -0.64	44.61 -2.44 -0.03
CE_DUNWOOD___DRP 24194	48.27 1.29 0.00	49.18 1.11 0.00	42.73 0.95 0.00	38.32 1.06 0.00	43.73 0.94 0.00	39.82 1.18 0.00	45.81 1.57 -3.01	54.97 2.23 -0.75	54.36 1.70 -14.07	50.71 2.10 -1.43	48.62 2.08 0.00	40.86 1.77 0.00	41.94 1.74 0.00	45.05 1.83 0.00	42.81 1.78 0.00	41.92 1.86 0.00	49.58 1.96 -5.90	90.26 2.42 -37.65	102.40 2.65 -43.35	81.80 3.13 -10.68	46.16 1.48 -12.24	65.05 1.04 -40.60	45.89 1.53 -6.43	49.03 1.72 -0.29
CE_MILLWOOD___DRP 24193	48.15 1.17 0.00	49.13 1.06 0.00	42.67 0.90 0.00	38.28 1.02 0.00	43.68 0.89 0.00	39.77 1.13 0.00	45.75 1.51 -3.01	54.88 2.15 -0.75	54.27 1.63 -14.05	50.62 2.01 -1.43	48.55 2.00 0.00	40.78 1.68 0.00	41.86 1.66 0.00	44.95 1.74 0.00	42.73 1.69 0.00	41.84 1.78 0.00	49.48 1.87 -5.89	90.11 2.33 -37.58	102.23 2.56 -43.27	81.64 2.99 -10.66	46.08 1.42 -12.22	64.93 1.00 -40.53	45.81 1.46 -6.42	48.94 1.64 -0.29
CE_NYC2_DRP 24202	48.45 1.47 0.00	49.31 1.24 0.00	42.83 1.05 0.00	38.50 1.24 0.00	43.79 1.00 0.00	40.01 1.37 0.00	46.08 1.83 -3.01	55.32 2.58 -0.76	54.72 2.04 -14.10	51.21 2.59 -1.44	49.10 2.55 0.00	41.33 2.23 -0.01	42.43 2.22 -0.01	45.54 2.32 -0.01	43.29 2.25 -0.01	42.41 2.34 -0.01	50.08 2.44 -5.92	90.86 2.94 -37.73	103.05 3.22 -43.44	82.48 3.79 -10.70	46.54 1.83 -12.27	65.38 1.28 -40.69	46.26 1.89 -6.45	49.36 2.05 -0.29
CE_NYC_DRP 24195	48.27 1.30 0.00	49.14 1.07 0.00	42.69 0.92 0.00	38.38 1.12 0.00	43.69 0.90 0.00	39.87 1.23 0.00	45.89 1.64 -3.01	55.11 2.37 -0.76	54.54 1.85 -14.10	50.94 2.33 -1.44	48.87 2.32 0.00	41.12 2.02 0.00	42.20 2.00 0.00	45.30 2.09 0.00	43.05 2.02 0.00	42.20 2.13 0.00	49.84 2.21 -5.92	90.63 2.71 -37.72	102.78 2.94 -43.43	82.19 3.50 -10.70	46.36 1.65 -12.27	65.25 1.16 -40.68	46.08 1.70 -6.45	49.18 1.87 -0.29
CHAFFEE___LFGE 323603	44.89 -2.09 0.00	46.19 -1.88 0.00	39.89 -1.88 0.00	35.59 -1.67 0.00	41.32 -1.47 0.00	36.96 -1.68 0.00	39.42 -1.64 0.18	46.17 -2.50 3.31	35.43 -2.19 0.97	41.77 -2.52 2.89	41.41 -2.30 2.83	34.76 -1.91 2.43	35.95 -1.76 2.49	38.84 -1.72 2.66	36.71 -1.79 2.54	36.85 -1.88 1.33	39.42 -2.00 0.30	56.06 -1.30 -7.16	63.53 -1.11 -8.24	68.79 -1.23 -2.03	33.76 -1.01 -2.33	29.41 -0.74 -6.75	37.23 -1.12 -0.43	45.65 -1.39 -0.02
CHATEAUG_35_KV_LOAD 355732	48.70 1.72 0.00	49.82 1.75 0.00	43.15 1.37 0.00	38.40 1.14 0.00	44.11 1.32 0.00	39.64 1.00 0.00	42.18 0.94 0.00	52.87 0.89 0.00	39.37 0.78 0.00	48.23 1.05 0.00	47.46 0.92 0.00	39.90 0.81 0.00	41.08 0.88 0.00	44.11 0.90 0.00	41.73 0.70 0.00	40.11 0.05 0.00	41.40 -0.32 0.00	51.44 -0.90 -2.14	59.98 -0.95 -4.53	69.17 -1.07 -2.25	33.61 -0.24 -1.41	23.34 -0.07 0.00	37.82 -0.11 0.00	46.55 -0.47 0.00
CHATEAUG_WT_PWR 323614	48.46 1.48 0.00	49.56 1.49 0.00	42.94 1.17 0.00	38.22 0.96 0.00	43.90 1.11 0.00	39.44 0.80 0.00	41.97 0.73 0.00	52.60 0.62 0.00	39.16 0.58 0.00	48.03 0.86 0.00	47.23 0.68 0.00	39.70 0.60 0.00	40.87 0.67 0.00	43.86 0.64 0.00	41.50 0.47 0.00	39.87 -0.20 0.00	41.13 -0.58 0.00	26.42 -1.23 22.55	7.34 -1.37 47.70	42.80 -1.54 23.65	17.16 -0.48 14.80	23.20 -0.20 0.00	37.60 -0.32 0.00	46.24 -0.77 0.00
CHAT_HIGH_FALL_HYD 323578	48.70 1.72 0.00	49.82 1.75 0.00	43.15 1.37 0.00	38.40 1.14 0.00	44.11 1.32 0.00	39.64 1.00 0.00	42.18 0.94 0.00	52.87 0.89 0.00	39.37 0.78 0.00	48.23 1.05 0.00	47.46 0.92 0.00	39.90 0.81 0.00	41.08 0.88 0.00	44.11 0.90 0.00	41.73 0.70 0.00	40.11 0.05 0.00	41.40 -0.32 0.00	51.44 -0.90 -2.14	59.98 -0.95 -4.53	69.17 -1.07 -2.25	33.61 -0.24 -1.41	23.34 -0.07 0.00	37.82 -0.11 0.00	46.55 -0.47 0.00
CHAUTAUQUA___LFGE 323629	43.90 -3.07 0.00	45.24 -2.83 0.00	39.27 -2.50 0.00	34.90 -2.36 0.00	40.54 -2.25 0.00	36.27 -2.37 0.00	38.71 -2.33 0.19	45.31 -3.16 3.52	34.76 -2.63 1.20	41.00 -3.10 3.08	40.62 -2.93 3.01	34.00 -2.51 2.58	35.15 -2.41 2.64	37.98 -2.42 2.82	35.94 -2.40 2.69	36.26 -2.40 1.41	39.20 -2.13 0.39	56.14 -1.19 -7.13	63.22 -1.40 -8.21	68.26 -1.75 -2.02	33.55 -1.21 -2.32	29.15 -0.92 -6.67	36.97 -1.33 -0.37	45.06 -1.97 -0.02
CHERRYST_13_KV_LD 356241	48.39 1.42 0.00	49.27 1.20 0.00	42.80 1.02 0.00	38.47 1.21 0.00	43.80 1.00 0.00	39.97 1.34 0.00	46.02 1.77 -3.01	55.27 2.53 -0.76	54.68 1.99 -14.10	51.12 2.50 -1.44	49.04 2.49 0.00	41.26 2.17 0.00	42.34 2.14 0.00	45.45 2.24 0.00	43.20 2.17 0.00	42.33 2.27 0.00	49.99 2.36 -5.92	90.82 2.90 -37.72	102.96 3.13 -43.43	82.39 3.70 -10.70	46.46 1.75 -12.27	65.31 1.23 -40.68	46.18 1.81 -6.45	49.31 2.00 -0.29

CHESTROR_138KV_BK263 355645	47.90 0.93 0.00	48.83 0.76 0.00	42.44 0.66 0.00	37.99 0.73 0.00	43.44 0.64 0.00	39.49 0.85 0.00	45.13 1.17 -2.73	54.33 1.66 -0.68	52.77 1.25 -12.93	50.02 1.53 -1.32	48.06 1.51 0.00	40.33 1.24 0.00	41.42 1.22 0.00	44.50 1.29 0.00	42.32 1.29 0.00	41.45 1.38 0.00	48.59 1.45 -5.43	86.63 1.81 -34.62	98.29 2.02 -39.87	80.17 2.36 -9.82	44.82 1.12 -11.26	61.53 0.78 -37.34	44.98 1.14 -5.92	48.56 1.28 -0.27
CH_MIDHUDSON___DRP 24192	48.40 1.42 0.00	49.36 1.29 0.00	42.91 1.14 0.00	38.44 1.18 0.00	43.93 1.14 0.00	39.94 1.31 0.00	46.02 1.68 -3.10	55.12 2.37 -0.78	54.62 1.77 -14.26	50.81 2.18 -1.45	48.66 2.12 0.00	40.87 1.78 0.00	41.97 1.77 0.00	45.05 1.83 0.00	42.79 1.76 0.00	41.90 1.83 0.00	49.64 1.95 -5.97	90.67 2.43 -38.05	102.90 2.68 -43.81	81.95 3.17 -10.79	46.30 1.48 -12.38	65.49 1.05 -41.04	45.98 1.55 -6.50	49.08 1.77 -0.30
CH_MISC_IPPS 23765	48.61 1.64 0.00	49.56 1.49 0.00	43.10 1.33 0.00	38.64 1.38 0.00	44.17 1.38 0.00	40.17 1.53 0.00	46.24 1.95 -3.06	55.43 2.68 -0.76	54.64 2.01 -14.04	51.07 2.46 -1.43	48.94 2.39 0.00	41.11 2.02 0.00	42.22 2.02 0.00	45.33 2.11 0.00	43.03 2.00 0.00	42.13 2.07 0.00	49.79 2.22 -5.87	90.36 2.77 -37.40	102.53 3.07 -43.06	82.21 3.61 -10.61	46.29 1.69 -12.16	64.92 1.18 -40.34	46.07 1.75 -6.39	49.29 1.98 -0.29
CH_RES_BVR_FALLS 23983	46.83 -0.15 0.00	47.95 -0.12 0.00	41.66 -0.11 0.00	37.02 -0.24 0.00	42.58 -0.21 0.00	38.34 -0.29 0.00	40.67 -0.57 0.00	51.18 -0.80 0.00	38.10 -0.49 0.00	46.65 -0.53 0.00	46.19 -0.36 0.00	38.86 -0.23 0.00	39.86 -0.35 0.00	5.43 -0.82 36.97	-38.74 -0.72 79.06	7.34 -0.69 32.04	41.15 -0.57 0.00	49.39 -0.81 0.00	55.36 -1.05 0.00	66.64 -1.35 0.00	31.87 -0.57 0.00	23.09 -0.31 0.00	37.40 -0.53 0.00	46.36 -0.65 0.00
CH_RES_NIAGARA 23895	42.87 -4.11 0.00	44.22 -3.85 0.00	38.15 -3.63 0.00	34.00 -3.26 0.00	39.46 -3.33 0.00	35.17 -3.47 0.00	37.32 -3.60 0.31	41.02 -5.22 5.74	30.39 -4.32 3.88	36.82 -5.13 5.23	36.78 -4.86 4.91	30.86 -4.01 4.22	32.01 -3.87 4.32	34.62 -3.99 4.61	32.74 -3.89 4.40	33.77 -3.99 2.31	36.06 -4.20 1.46	52.70 -4.02 -6.52	59.50 -4.41 -7.51	64.63 -5.22 -1.85	31.76 -2.80 -2.12	26.81 -1.95 -5.35	34.63 -3.02 0.27	43.36 -3.65 0.01
CH_RES_SYRACUSE 23985	46.15 -0.83 0.00	47.24 -0.83 0.00	41.06 -0.71 0.00	36.63 -0.63 0.00	42.20 -0.59 0.00	38.09 -0.55 0.00	40.72 -0.52 0.00	51.33 -0.65 0.00	39.72 -0.61 -1.74	46.56 -0.80 -0.18	45.83 -0.71 0.00	38.49 -0.60 0.00	39.62 -0.58 0.00	42.59 -0.62 0.00	40.41 -0.62 0.00	39.50 -0.57 0.00	41.89 -0.56 -0.73	54.44 -0.42 -4.67	61.36 -0.41 -5.37	68.81 -0.50 -1.32	33.63 -0.33 -1.52	28.22 -0.21 -5.03	38.44 -0.29 -0.80	46.63 -0.42 -0.04
CLINTON_WT_PWR 323605	48.46 1.48 0.00	49.56 1.49 0.00	42.94 1.17 0.00	38.22 0.96 0.00	43.90 1.11 0.00	39.44 0.80 0.00	41.97 0.73 0.00	52.60 0.62 0.00	39.16 0.58 0.00	48.03 0.86 0.00	47.23 0.68 0.00	39.70 0.60 0.00	40.87 0.67 0.00	43.86 0.64 0.00	41.50 0.47 0.00	39.87 -0.20 0.00	41.13 -0.58 0.00	26.42 -1.23 22.55	7.34 -1.37 47.70	42.80 -1.54 23.65	17.16 -0.48 14.80	23.20 -0.20 0.00	37.60 -0.32 0.00	46.24 -0.77 0.00
CLINTON___LFGE 323618	49.73 2.75 0.00	50.77 2.70 0.00	43.95 2.18 0.00	39.13 1.87 0.00	44.95 2.15 0.00	40.36 1.73 0.00	43.01 1.78 0.00	53.79 1.80 0.00	40.00 1.41 0.00	49.12 1.94 0.00	48.21 1.66 0.00	40.49 1.39 0.00	41.74 1.54 0.00	44.75 1.54 0.00	42.30 1.27 0.00	40.42 0.35 0.00	41.52 -0.20 0.00	64.36 -0.84 -15.00	87.30 -0.84 -31.74	82.65 -1.08 -15.74	42.01 -0.27 -9.84	23.39 -0.02 0.00	37.93 0.00 0.00	46.61 -0.40 0.00
COBBLENY_34_KV_TB1 80064	44.88 -2.09 0.00	46.20 -1.87 0.00	39.90 -1.88 0.00	35.58 -1.68 0.00	41.32 -1.47 0.00	36.95 -1.69 0.00	39.41 -1.65 0.18	46.12 -2.55 3.31	35.38 -2.24 0.97	41.72 -2.57 2.89	41.35 -2.37 2.83	34.68 -1.98 2.43	35.89 -1.83 2.49	38.79 -1.77 2.66	36.66 -1.84 2.54	36.83 -1.90 1.33	39.39 -2.03 0.30	56.05 -1.31 -7.16	63.52 -1.12 -8.24	68.78 -1.25 -2.03	33.75 -1.02 -2.33	29.41 -0.75 -6.75	37.19 -1.17 -0.43	45.65 -1.39 -0.02
COFFEEN___115KV_TB3 355620	48.52 1.55 0.00	49.15 1.09 0.00	42.90 1.12 0.00	38.43 1.16 0.00	44.79 2.00 0.00	40.65 2.01 0.00	44.02 2.79 0.00	55.92 3.94 -1.05	41.50 1.87 -0.11	48.37 1.09 0.00	47.95 1.40 0.00	39.98 0.88 0.00	41.21 1.01 0.00	44.45 1.24 0.00	41.85 0.81 0.00	40.93 0.86 0.00	43.58 1.43 -0.44	55.02 2.02 -2.80	61.91 2.28 -3.23	71.07 2.28 -0.79	34.27 0.92 -0.91	27.04 0.61 -3.02	39.52 1.11 -0.48	47.97 0.93 -0.02
COLDSPRG_115KV_BK1 355956	45.20 -1.78 0.00	46.55 -1.52 0.00	40.35 -1.43 0.00	35.93 -1.33 0.00	41.74 -1.05 0.00	37.38 -1.26 0.00	40.89 -1.10 -0.75	50.57 -1.61 -0.19	39.98 -1.43 -2.81	45.77 -1.70 -0.29	44.97 -1.57 0.00	37.71 -1.39 0.00	38.97 -1.24 0.00	42.17 -1.05 0.00	39.90 -1.14 0.00	38.89 -1.17 0.00	41.95 -0.95 -1.18	57.95 0.23 -7.52	65.37 0.31 -8.65	70.53 0.41 -2.13	34.64 -0.24 -2.45	31.33 -0.18 -8.11	38.99 -0.22 -1.29	46.52 -0.55 -0.06
COLONIE_LFGE___ 323577	48.92 1.94 0.00	50.00 1.93 0.00	43.47 1.70 0.00	38.79 1.53 0.00	44.55 1.75 0.00	40.30 1.66 0.00	69.97 1.89 -26.85	61.06 2.35 -6.72	57.62 1.69 -17.34	50.96 2.01 -1.77	48.42 1.87 0.00	40.56 1.47 0.00	41.66 1.46 0.00	44.73 1.52 0.00	42.52 1.49 0.00	41.63 1.56 0.00	50.71 1.72 -7.27	98.56 1.97 -46.39	112.07 2.26 -53.41	83.77 2.62 -13.16	48.73 1.20 -15.09	74.29 0.85 -50.03	47.25 1.40 -7.92	49.09 1.71 -0.36
COOPERNY_115KV_TB1 80082	47.55 0.57 0.00	48.54 0.47 0.00	42.20 0.42 0.00	37.74 0.48 0.00	43.22 0.42 0.00	39.22 0.58 0.00	44.31 0.81 -2.26	53.70 1.15 -0.57	50.02 0.86 -10.57	49.31 1.06 -1.08	47.60 1.06 0.00	39.96 0.87 0.00	41.06 0.86 0.00	44.12 0.90 0.00	41.92 0.88 0.00	41.04 0.97 0.00	47.17 1.01 -4.44	79.78 1.29 -28.29	90.41 1.43 -32.57	77.68 1.67 -8.02	42.44 0.80 -9.20	54.47 0.55 -30.51	43.56 0.79 -4.83	48.13 0.90 -0.22
COPENHAGEN_WT_PWR 323753	47.51 0.53 0.00	48.07 -0.01 0.00	42.04 0.26 0.00	37.73 0.47 0.00	43.98 1.19 0.00	39.89 1.25 0.00	43.17 1.93 0.00	54.95 2.97 0.00	40.75 1.08 -1.08	47.33 0.04 -0.11	46.89 0.34 0.00	39.21 0.11 0.00	40.32 0.12 0.00	43.46 0.24 0.00	40.92 -0.12 0.00	39.96 -0.10 0.00	42.54 0.38 -0.45	53.78 0.70 -2.88	60.53 0.81 -3.31	69.30 0.49 -0.82	33.50 0.12 -0.94	26.55 0.04 -3.11	38.65 0.23 -0.49	46.93 -0.11 -0.02
CORNELL_____ 23752	46.68 -0.30 0.00	47.78 -0.29 0.00	41.50 -0.27 0.00	37.04 -0.22 0.00	42.68 -0.11 0.00	38.57 -0.07 0.00	42.49 0.12 -1.13	55.00 0.21 -2.81	44.81 0.04 -6.18	49.91 -0.06 -2.78	48.71 -0.03 -2.19	40.95 -0.03 -1.88	42.08 -0.04 -1.92	45.31 0.05 -2.05	43.00 0.00 -1.96	41.19 0.09 -1.04	44.34 0.08 -2.54	59.68 0.48 -8.99	67.46 0.70 -10.36	71.45 0.91 -2.55	35.66 0.30 -2.93	34.07 0.20 -10.47	40.34 0.24 -2.17	47.31 0.20 -0.09

CORONA__69_KV_TB1 355595	48.90 1.92 0.00	49.92 1.85 0.00	43.30 1.53 0.00	38.81 1.55 0.00	44.29 1.49 0.00	40.32 1.69 0.00	46.33 2.08 -3.01	55.64 2.91 -0.75	54.92 2.23 -14.10	51.16 2.55 -1.44	49.05 2.50 0.00	41.39 2.30 0.00	42.45 2.25 0.00	45.73 2.52 0.00	43.30 2.27 0.00	42.29 2.23 0.00	50.13 2.50 -5.91	91.07 3.15 -37.72	103.11 3.28 -43.42	82.56 3.87 -10.70	46.58 1.88 -12.27	65.43 1.34 -40.68	46.28 1.91 -6.45	49.64 2.33 -0.29
CORTLAND__115KV_TB3 80093	46.53 -0.44 0.00	47.60 -0.47 0.00	41.37 -0.41 0.00	36.92 -0.34 0.00	42.54 -0.25 0.00	38.44 -0.20 0.00	41.92 -0.06 -0.75	52.14 -0.03 -0.19	41.25 -0.11 -2.77	47.26 -0.20 -0.28	46.37 -0.18 0.00	38.94 -0.15 0.00	40.04 -0.16 0.00	43.09 -0.13 0.00	40.91 -0.12 0.00	40.03 -0.04 0.00	42.83 -0.05 -1.17	57.88 0.26 -7.42	65.29 0.35 -8.55	70.54 0.44 -2.11	34.96 0.10 -2.41	31.47 0.06 -8.00	39.27 0.08 -1.27	47.09 0.03 -0.06
COXSACKIE__GT 23611	50.50 3.53 0.00	51.63 3.57 0.00	44.90 3.13 0.00	40.02 2.76 0.00	46.03 3.24 0.00	41.70 3.06 0.00	54.74 3.47 -10.03	59.07 4.58 -2.51	58.24 3.35 -16.31	52.89 4.06 -1.66	50.29 3.74 0.00	41.93 2.83 0.00	43.35 3.14 0.00	46.74 3.53 0.00	44.35 3.32 0.00	43.41 3.35 0.00	52.17 3.62 -6.84	98.37 4.58 -43.59	111.74 5.15 -50.19	86.31 5.95 -12.36	49.20 2.58 -14.18	72.22 1.80 -47.01	48.24 2.86 -7.44	50.70 3.35 -0.34
CPV_VALLEY__CC1 323721	47.56 0.59 0.00	48.49 0.42 0.00	42.16 0.38 0.00	37.74 0.48 0.00	43.17 0.38 0.00	39.23 0.60 0.00	44.63 0.85 -2.54	53.85 1.23 -0.64	51.61 0.93 -12.09	49.56 1.15 -1.23	47.72 1.17 0.00	40.05 0.96 0.00	41.14 0.94 0.00	44.19 0.98 0.00	42.01 0.97 0.00	41.14 1.07 0.00	47.90 1.11 -5.08	83.98 1.40 -32.38	95.23 1.55 -37.28	78.96 1.78 -9.18	43.84 0.87 -10.53	58.93 0.60 -34.93	44.32 0.86 -5.53	48.21 0.94 -0.25
CPV_VALLEY__CC2 323722	47.56 0.59 0.00	48.49 0.42 0.00	42.16 0.38 0.00	37.74 0.48 0.00	43.17 0.38 0.00	39.23 0.60 0.00	44.63 0.85 -2.54	53.85 1.23 -0.64	51.61 0.93 -12.09	49.56 1.15 -1.23	47.72 1.17 0.00	40.05 0.96 0.00	41.14 0.94 0.00	44.19 0.98 0.00	42.01 0.97 0.00	41.14 1.07 0.00	47.90 1.11 -5.08	83.98 1.40 -32.38	95.23 1.55 -37.28	78.96 1.78 -9.18	43.84 0.87 -10.53	58.93 0.60 -34.93	44.32 0.86 -5.53	48.21 0.94 -0.25
CRESCENT__HYD 24018	48.92 1.94 0.00	50.00 1.93 0.00	43.47 1.70 0.00	38.79 1.53 0.00	44.55 1.75 0.00	40.30 1.66 0.00	69.97 1.89 -26.85	61.06 2.35 -6.72	57.62 1.69 -17.34	50.96 2.01 -1.77	48.42 1.87 0.00	40.56 1.47 0.00	41.66 1.46 0.00	44.73 1.52 0.00	42.52 1.49 0.00	41.63 1.56 0.00	50.71 1.72 -7.27	98.56 1.97 -46.39	112.07 2.26 -53.41	83.77 2.62 -13.16	48.73 1.20 -15.09	74.29 0.85 -50.03	47.25 1.40 -7.92	49.09 1.71 -0.36
CRICKET__VALLEY_CC1 323756	47.95 0.98 0.00	48.89 0.81 0.00	42.49 0.72 0.00	38.06 0.81 0.00	43.48 0.69 0.00	39.49 0.85 0.00	46.09 1.20 -3.66	54.65 1.75 -0.92	54.65 1.32 -14.73	50.31 1.63 -1.50	48.15 1.60 0.00	40.41 1.32 0.00	41.48 1.28 0.00	44.51 1.30 0.00	42.29 1.26 0.00	41.42 1.36 0.00	49.37 1.48 -6.18	91.37 1.77 -39.40	103.70 1.93 -45.37	81.46 2.29 -11.17	46.35 1.10 -12.82	66.67 0.76 -42.50	45.82 1.16 -6.74	48.65 1.33 -0.30
CRICKET__VALLEY_CC2 323757	47.95 0.98 0.00	48.89 0.81 0.00	42.49 0.72 0.00	38.06 0.81 0.00	43.48 0.69 0.00	39.49 0.85 0.00	46.09 1.20 -3.66	54.65 1.75 -0.92	54.65 1.32 -14.73	50.31 1.63 -1.50	48.15 1.60 0.00	40.41 1.32 0.00	41.48 1.28 0.00	44.51 1.30 0.00	42.29 1.26 0.00	41.42 1.36 0.00	49.37 1.48 -6.18	91.37 1.77 -39.40	103.70 1.93 -45.37	81.46 2.29 -11.17	46.35 1.10 -12.82	66.67 0.76 -42.50	45.82 1.16 -6.74	48.65 1.33 -0.30
CRICKET__VALLEY_CC3 323758	47.95 0.98 0.00	48.89 0.81 0.00	42.49 0.72 0.00	38.06 0.81 0.00	43.48 0.69 0.00	39.49 0.85 0.00	46.09 1.20 -3.66	54.65 1.75 -0.92	54.65 1.32 -14.73	50.31 1.63 -1.50	48.15 1.60 0.00	40.41 1.32 0.00	41.48 1.28 0.00	44.51 1.30 0.00	42.29 1.26 0.00	41.42 1.36 0.00	49.37 1.48 -6.18	91.37 1.77 -39.40	103.70 1.93 -45.37	81.46 2.29 -11.17	46.35 1.10 -12.82	66.67 0.76 -42.50	45.82 1.16 -6.74	48.65 1.33 -0.30
CRUCIBLE__METL_DRP 24180	46.15 -0.83 0.00	47.24 -0.83 0.00	41.06 -0.71 0.00	36.63 -0.63 0.00	42.20 -0.59 0.00	38.09 -0.55 0.00	40.72 -0.51 0.00	51.33 -0.66 0.00	39.72 -0.61 -1.74	46.56 -0.79 -0.18	45.83 -0.71 0.00	38.49 -0.61 0.00	39.61 -0.59 0.00	42.59 -0.63 0.00	40.40 -0.64 0.00	39.49 -0.58 0.00	41.88 -0.57 -0.73	54.44 -0.42 -4.67	61.36 -0.41 -5.37	68.82 -0.49 -1.32	33.63 -0.33 -1.52	28.23 -0.21 -5.03	38.43 -0.29 -0.80	46.64 -0.41 -0.04
DAHOWA__HYDRO 323763	50.62 3.64 0.00	51.70 3.63 0.00	44.90 3.12 0.00	40.10 2.84 0.00	46.15 3.36 0.00	41.78 3.15 0.00	74.80 3.60 -29.96	64.03 4.55 -7.50	59.43 3.31 -17.52	52.94 3.97 -1.78	50.27 3.72 0.00	42.10 3.00 0.00	43.20 3.00 0.00	46.38 3.16 0.00	44.08 3.05 0.00	43.15 3.09 0.00	52.43 3.36 -7.35	101.12 4.04 -46.88	114.86 4.48 -53.98	86.59 5.30 -13.29	50.08 2.39 -15.25	75.65 1.69 -50.56	48.59 2.66 -8.00	50.71 3.34 -0.36
DANC__LFGE 323619	46.91 -0.07 0.00	47.65 -0.42 0.00	41.58 -0.20 0.00	37.24 -0.03 0.00	43.24 0.44 0.00	39.16 0.51 0.00	42.19 0.96 0.00	53.52 1.53 0.00	40.20 0.38 -1.23	46.92 -0.38 -0.12	46.39 -0.16 0.00	38.85 -0.24 0.00	39.98 -0.22 0.00	43.04 -0.17 0.00	40.65 -0.39 0.00	39.72 -0.35 0.00	42.21 -0.03 -0.52	53.71 0.22 -3.30	60.49 0.30 -3.79	68.97 0.05 -0.93	33.42 -0.09 -1.07	26.88 -0.09 -3.55	38.46 -0.03 -0.56	46.75 -0.29 -0.03
DANSKAMMER__1 23586	48.61 1.64 0.00	49.56 1.49 0.00	43.10 1.33 0.00	38.64 1.38 0.00	44.17 1.38 0.00	40.17 1.53 0.00	46.24 1.95 -3.06	55.43 2.68 -0.76	54.64 2.01 -14.04	51.07 2.46 -1.43	48.94 2.39 0.00	41.11 2.02 0.00	42.22 2.02 0.00	45.33 2.11 0.00	43.03 2.00 0.00	42.13 2.07 0.00	49.79 2.22 -5.87	90.36 2.77 -37.40	102.53 3.07 -43.06	82.21 3.61 -10.61	46.29 1.69 -12.16	64.92 1.18 -40.34	46.07 1.75 -6.39	49.29 1.98 -0.29
DANSKAMMER__2 23589	48.61 1.64 0.00	49.56 1.49 0.00	43.10 1.33 0.00	38.64 1.38 0.00	44.17 1.38 0.00	40.17 1.53 0.00	46.24 1.95 -3.06	55.43 2.68 -0.76	54.64 2.01 -14.04	51.07 2.46 -1.43	48.94 2.39 0.00	41.11 2.02 0.00	42.22 2.02 0.00	45.33 2.11 0.00	43.03 2.00 0.00	42.13 2.07 0.00	49.79 2.22 -5.87	90.36 2.77 -37.40	102.53 3.07 -43.06	82.21 3.61 -10.61	46.29 1.69 -12.16	64.92 1.18 -40.34	46.07 1.75 -6.39	49.29 1.98 -0.29
DANSKAMMER__3 23590	48.61 1.64 0.00	49.56 1.49 0.00	43.10 1.33 0.00	38.64 1.38 0.00	44.17 1.38 0.00	40.17 1.53 0.00	46.24 1.95 -3.06	55.43 2.68 -0.76	54.64 2.01 -14.04	51.07 2.46 -1.43	48.94 2.39 0.00	41.11 2.02 0.00	42.22 2.02 0.00	45.33 2.11 0.00	43.03 2.00 0.00	42.13 2.07 0.00	49.79 2.22 -5.87	90.36 2.77 -37.40	102.53 3.07 -43.06	82.21 3.61 -10.61	46.29 1.69 -12.16	64.92 1.18 -40.34	46.07 1.75 -6.39	49.29 1.98 -0.29

DANSKAMMER___4 23591	48.61 1.64 0.00	49.56 1.49 0.00	43.10 1.33 0.00	38.64 1.38 0.00	44.17 1.38 0.00	40.17 1.53 0.00	46.24 1.95 -3.06	55.43 2.68 -0.76	54.64 2.01 -14.04	51.07 2.46 -1.43	48.94 2.39 0.00	41.11 2.02 0.00	42.22 2.02 0.00	45.33 2.11 0.00	43.03 2.00 0.00	42.13 2.07 0.00	49.79 2.22 -5.87	90.36 2.77 -37.40	102.53 3.07 -43.06	82.21 3.61 -10.61	46.29 1.69 -12.16	64.92 1.18 -40.34	46.07 1.75 -6.39	49.29 1.98 -0.29
DANSKAMMER___DIESEL 23592	48.61 1.64 0.00	49.56 1.49 0.00	43.10 1.33 0.00	38.64 1.38 0.00	44.17 1.37 0.00	40.17 1.53 0.00	46.24 1.95 -3.06	55.44 2.69 -0.76	54.64 2.02 -14.04	51.07 2.47 -1.43	48.94 2.39 0.00	41.12 2.03 0.00	42.23 2.02 0.00	45.34 2.13 0.00	43.05 2.02 0.00	42.14 2.07 0.00	49.79 2.21 -5.87	90.36 2.77 -37.40	102.53 3.07 -43.06	82.21 3.61 -10.61	46.29 1.69 -12.16	64.92 1.18 -40.34	46.07 1.75 -6.39	49.28 1.98 -0.29
DARBY___SOLAR 323810	50.28 3.30 0.00	51.37 3.30 0.00	44.62 2.85 0.00	39.83 2.57 0.00	45.82 3.03 0.00	41.49 2.86 0.00	74.22 3.26 -29.73	63.54 4.12 -7.44	59.08 2.99 -17.51	52.55 3.59 -1.78	49.90 3.35 0.00	41.78 2.69 0.00	42.89 2.69 0.00	46.06 2.84 0.00	43.79 2.76 0.00	42.86 2.80 0.00	52.12 3.05 -7.34	100.70 3.67 -46.83	114.41 4.09 -53.92	86.11 4.83 -13.28	49.87 2.20 -15.23	75.47 1.56 -50.51	48.38 2.46 -7.99	50.45 3.07 -0.36
DASHVILLE___HYD 23610	48.35 1.37 0.00	49.33 1.26 0.00	42.91 1.13 0.00	38.43 1.17 0.00	43.94 1.15 0.00	39.92 1.28 0.00	47.26 1.57 -4.46	55.38 2.28 -1.12	54.65 1.64 -14.42	50.74 2.09 -1.47	48.60 2.05 0.00	40.82 1.73 0.00	41.94 1.74 0.00	45.03 1.81 0.00	42.76 1.72 0.00	41.86 1.79 0.00	49.60 1.85 -6.03	90.98 2.32 -38.47	103.24 2.55 -44.29	81.96 3.06 -10.91	46.31 1.36 -12.51	65.88 0.99 -41.49	46.01 1.51 -6.57	49.02 1.71 -0.30
DEERFIELD_69_KV_DEERFIELD LD 355887	48.71 1.73 0.00	49.75 1.68 0.00	43.12 1.35 0.00	38.66 1.40 0.00	44.12 1.32 0.00	40.26 1.62 0.00	46.29 2.04 -3.01	55.73 2.99 -0.75	54.96 2.27 -14.10	50.30 1.69 -1.44	47.79 1.25 0.00	40.32 1.23 0.00	41.25 1.05 0.00	44.61 1.39 0.00	42.24 1.21 0.00	41.25 1.18 0.00	49.17 1.55 -5.91	90.45 2.54 -37.72	102.19 2.37 -43.42	81.24 2.55 -10.70	45.95 1.24 -12.27	64.86 0.78 -40.68	45.37 1.00 -6.45	50.07 2.76 -0.29
DELAWARE___LFGE 323621	47.56 0.58 0.00	48.68 0.61 0.00	42.34 0.56 0.00	37.78 0.51 0.00	43.36 0.57 0.00	39.23 0.59 0.00	46.44 0.81 -4.39	54.20 1.12 -1.10	45.52 0.80 -6.14	48.81 1.01 -0.63	47.51 0.96 0.00	39.87 0.78 0.00	41.00 0.80 0.00	44.05 0.83 0.00	41.82 0.78 0.00	40.94 0.88 0.00	45.20 0.91 -2.58	67.85 1.23 -16.43	76.72 1.40 -18.91	74.32 1.67 -4.66	38.52 0.74 -5.34	41.67 0.54 -17.72	41.54 0.81 -2.81	48.07 0.93 -0.13
DERFIELD_115KV_TB7 355931	47.16 0.19 0.00	48.26 0.19 0.00	41.94 0.17 0.00	37.42 0.16 0.00	42.93 0.14 0.00	38.80 0.16 0.00	41.46 0.22 0.00	52.29 0.31 0.00	39.03 0.21 -0.23	47.46 0.26 -0.02	46.82 0.28 0.00	39.30 0.21 0.00	40.39 0.19 0.00	43.36 0.14 0.00	41.20 0.16 0.00	40.25 0.18 0.00	42.06 0.25 -0.10	51.21 0.40 -0.62	57.53 0.41 -0.71	68.58 0.41 -0.18	32.82 0.18 -0.20	24.20 0.13 -0.67	38.26 0.23 -0.11	47.30 0.28 0.00
DOGLEVILLE___HYD 23807	47.52 0.54 0.00	48.58 0.51 0.00	42.27 0.49 0.00	37.72 0.46 0.00	43.23 0.44 0.00	39.21 0.58 0.00	42.03 0.79 0.00	52.97 0.99 0.00	39.60 0.78 -0.23	48.21 1.01 -0.02	47.23 0.68 0.00	39.42 0.32 0.00	40.46 0.26 0.00	43.67 0.46 0.00	41.41 0.37 0.00	40.62 0.56 0.00	42.38 0.56 -0.10	51.59 0.77 -0.62	58.03 0.92 -0.71	69.28 1.11 -0.18	33.07 0.43 -0.20	24.42 0.35 -0.67	38.52 0.48 -0.11	47.56 0.54 0.00
DUNKIRK___115KV_TB_200 55889	44.00 -2.98 0.00	45.33 -2.74 0.00	39.32 -2.45 0.00	34.98 -2.28 0.00	40.60 -2.20 0.00	36.34 -2.30 0.00	38.77 -2.27 0.20	45.26 -3.12 3.61	34.68 -2.60 1.31	40.95 -3.05 3.17	40.56 -2.90 3.09	33.95 -2.50 2.65	35.10 -2.39 2.71	37.93 -2.38 2.90	35.90 -2.37 2.77	36.27 -2.35 1.45	39.14 -2.14 0.44	56.09 -1.23 -7.12	63.22 -1.38 -8.20	68.29 -1.72 -2.02	33.55 -1.20 -2.32	29.12 -0.90 -6.62	36.91 -1.36 -0.35	45.13 -1.90 -0.02
DUNKIRK___1 23563	44.00 -2.98 0.00	45.33 -2.74 0.00	39.32 -2.45 0.00	34.98 -2.28 0.00	40.60 -2.20 0.00	36.34 -2.30 0.00	38.77 -2.27 0.20	45.26 -3.12 3.61	34.68 -2.60 1.31	40.95 -3.05 3.17	40.56 -2.90 3.09	33.95 -2.50 2.65	35.10 -2.39 2.71	37.93 -2.38 2.90	35.90 -2.37 2.77	36.27 -2.35 1.45	39.14 -2.14 0.44	56.09 -1.23 -7.12	63.22 -1.38 -8.20	68.29 -1.72 -2.02	33.55 -1.20 -2.32	29.12 -0.90 -6.62	36.91 -1.36 -0.35	45.13 -1.90 -0.02
DUNKIRK___2 23564	44.00 -2.98 0.00	45.33 -2.74 0.00	39.32 -2.45 0.00	34.98 -2.28 0.00	40.60 -2.20 0.00	36.34 -2.30 0.00	38.77 -2.27 0.20	45.26 -3.12 3.61	34.68 -2.60 1.31	40.95 -3.05 3.17	40.56 -2.90 3.09	33.95 -2.50 2.65	35.10 -2.39 2.71	37.93 -2.38 2.90	35.90 -2.37 2.77	36.27 -2.35 1.45	39.14 -2.14 0.44	56.09 -1.23 -7.12	63.22 -1.38 -8.20	68.29 -1.72 -2.02	33.55 -1.20 -2.32	29.12 -0.90 -6.62	36.91 -1.36 -0.35	45.13 -1.90 -0.02
DUNKIRK___3 23565	44.14 -2.84 0.00	45.46 -2.61 0.00	39.38 -2.40 0.00	35.05 -2.21 0.00	40.70 -2.09 0.00	36.42 -2.22 0.00	38.80 -2.21 0.22	44.89 -3.11 3.98	34.25 -2.61 1.73	40.58 -3.07 3.53	40.25 -2.89 3.40	33.72 -2.46 2.92	34.87 -2.34 2.99	37.71 -2.31 3.19	35.67 -2.32 3.05	36.18 -2.29 1.60	38.87 -2.24 0.60	55.84 -1.45 -7.08	63.04 -1.51 -8.15	68.17 -1.83 -2.01	33.49 -1.25 -2.30	28.94 -0.94 -6.47	36.76 -1.42 -0.25	45.18 -1.85 -0.02
DUNKIRK___4 23566	44.14 -2.84 0.00	45.46 -2.61 0.00	39.38 -2.40 0.00	35.05 -2.21 0.00	40.70 -2.09 0.00	36.42 -2.22 0.00	38.80 -2.21 0.22	44.89 -3.11 3.98	34.25 -2.61 1.73	40.58 -3.07 3.53	40.25 -2.89 3.40	33.72 -2.46 2.92	34.87 -2.34 2.99	37.71 -2.31 3.19	35.67 -2.32 3.05	36.18 -2.29 1.60	38.87 -2.24 0.60	55.84 -1.45 -7.08	63.04 -1.51 -8.15	68.17 -1.83 -2.01	33.49 -1.25 -2.30	28.94 -0.94 -6.47	36.76 -1.42 -0.25	45.18 -1.85 -0.02
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	48.32 1.34 0.00	49.23 1.16 0.00	42.76 0.98 0.00	38.37 1.11 0.00	43.77 0.97 0.00	39.87 1.23 0.00	45.87 1.62 -3.01	55.04 2.30 -0.76	54.46 1.77 -14.10	50.80 2.19 -1.44	48.71 2.16 0.00	40.95 1.85 0.00	42.03 1.83 0.00	45.14 1.92 0.00	42.89 1.86 0.00	42.01 1.95 0.00	49.68 2.05 -5.92	90.46 2.54 -37.72	102.60 2.77 -43.44	81.95 3.26 -10.70	46.25 1.54 -12.27	65.18 1.09 -40.69	45.97 1.60 -6.45	49.09 1.79 -0.29
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	48.22 1.24 0.00	49.15 1.08 0.00	42.77 0.99 0.00	38.39 1.13 0.00	43.89 1.09 0.00	39.91 1.28 0.00	45.88 1.66 -2.98	55.04 2.31 -0.75	53.96 1.73 -13.64	50.69 2.13 -1.39	48.61 2.07 0.00	40.82 1.73 0.00	41.93 1.73 0.00	45.02 1.81 0.00	42.70 1.66 0.00	41.78 1.71 0.00	49.21 1.81 -5.68	88.66 2.27 -36.20	100.61 2.53 -41.68	81.22 2.96 -10.27	45.60 1.39 -11.77	63.42 0.97 -39.04	45.54 1.43 -6.19	48.90 1.61 -0.28

E179THST_138_KV_TB4_REV_LBMP_J 345001	48.37 1.39 0.00	49.24 1.17 0.00	42.79 1.01 0.00	38.48 1.22 0.00	43.69 0.90 0.00	39.95 1.31 0.00	46.01 1.76 -3.01	55.20 2.46 -0.76	54.63 1.94 -14.10	51.09 2.48 -1.44	48.97 2.43 0.00	41.17 2.06 -0.01	42.28 2.07 -0.01	45.40 2.18 -0.01	43.14 2.10 -0.01	42.25 2.18 -0.01	49.95 2.31 -5.92	90.76 2.83 -37.73	102.90 3.06 -43.44	82.37 3.68 -10.70	46.47 1.76 -12.27	65.34 1.25 -40.69	46.21 1.83 -6.45	49.29 1.98 -0.29
E179THST_13_KV_LOAD 356214	48.57 1.59 0.00	49.44 1.37 0.00	42.96 1.18 0.00	38.63 1.37 0.00	43.86 1.07 0.00	40.11 1.47 0.00	46.21 1.96 -3.01	55.44 2.71 -0.76	54.82 2.13 -14.10	51.31 2.69 -1.44	49.20 2.65 0.00	41.34 2.24 -0.01	42.46 2.25 -0.01	45.62 2.40 -0.01	43.34 2.30 -0.01	42.45 2.38 -0.01	50.17 2.53 -5.92	91.01 3.09 -37.73	103.22 3.38 -43.44	82.74 4.05 -10.70	46.63 1.93 -12.27	65.46 1.37 -40.69	46.39 2.01 -6.45	49.49 2.18 -0.29
EAST HAMPTON___GT 23717	47.77 0.80 0.00	48.79 0.71 0.00	42.28 0.51 0.00	37.90 0.64 0.00	43.25 0.46 0.00	39.49 0.85 0.00	45.50 1.25 -3.01	54.74 2.00 -0.75	54.23 1.55 -14.10	49.38 0.77 -1.44	46.89 0.34 0.00	39.55 0.46 0.00	40.43 0.22 0.00	43.72 0.51 0.00	41.42 0.39 0.00	40.46 0.40 0.00	48.39 0.75 -5.91	89.52 1.61 -37.72	101.15 1.33 -43.42	79.98 1.29 -10.70	45.34 0.64 -12.27	64.40 0.31 -40.68	44.70 0.33 -6.45	50.10 2.80 -0.29
EAST RIVER___6 23660	48.26 1.28 0.00	49.12 1.05 0.00	42.68 0.90 0.00	38.37 1.11 0.00	43.67 0.87 0.00	39.85 1.21 0.00	45.89 1.64 -3.01	55.09 2.36 -0.76	54.54 1.85 -14.10	50.93 2.32 -1.44	48.86 2.32 0.00	41.12 2.03 0.00	42.19 1.99 0.00	45.29 2.08 0.00	43.06 2.02 0.00	42.20 2.14 0.00	49.85 2.22 -5.92	90.63 2.72 -37.72	102.79 2.95 -43.43	82.19 3.50 -10.70	46.36 1.65 -12.27	65.25 1.17 -40.68	46.09 1.71 -6.45	49.19 1.88 -0.29
EAST RIVER___7 23524	48.26 1.28 0.00	49.12 1.05 0.00	42.68 0.90 0.00	38.37 1.11 0.00	43.67 0.87 0.00	39.85 1.21 0.00	45.89 1.64 -3.01	55.09 2.36 -0.76	54.54 1.85 -14.10	50.93 2.32 -1.44	48.86 2.32 0.00	41.12 2.03 0.00	42.19 1.99 0.00	45.29 2.08 0.00	43.06 2.02 0.00	42.20 2.14 0.00	49.85 2.22 -5.92	90.63 2.72 -37.72	102.79 2.95 -43.43	82.19 3.50 -10.70	46.36 1.65 -12.27	65.25 1.17 -40.68	46.09 1.71 -6.45	49.19 1.88 -0.29
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	48.27 1.29 0.00	49.18 1.11 0.00	42.73 0.95 0.00	38.32 1.06 0.00	43.73 0.94 0.00	39.82 1.18 0.00	45.81 1.57 -3.01	54.97 2.23 -0.75	54.36 1.70 -14.07	50.71 2.10 -1.43	48.62 2.08 0.00	40.86 1.77 0.00	41.94 1.74 0.00	45.05 1.83 0.00	42.81 1.78 0.00	41.92 1.86 0.00	49.58 1.96 -5.90	90.26 2.42 -37.65	102.40 2.65 -43.35	81.80 3.13 -10.68	46.16 1.48 -12.24	65.05 1.04 -40.60	45.89 1.53 -6.43	49.03 1.72 -0.29
EAST_HAMPTON___DIESEL 23722	47.61 0.63 0.00	48.61 0.54 0.00	42.13 0.36 0.00	37.77 0.51 0.00	43.08 0.29 0.00	39.34 0.70 0.00	45.34 1.10 -3.01	54.56 1.83 -0.75	54.08 1.40 -14.10	49.21 0.59 -1.44	46.72 0.17 0.00	39.42 0.33 0.00	40.28 0.08 0.00	43.57 0.36 0.00	41.27 0.23 0.00	40.31 0.24 0.00	48.24 0.61 -5.91	89.34 1.42 -37.72	100.95 1.13 -43.42	79.73 1.04 -10.70	45.22 0.52 -12.27	64.31 0.22 -40.68	44.58 0.20 -6.45	50.05 2.75 -0.29
EAST_POINT___SOLAR 323840	49.85 2.87 0.00	50.88 2.81 0.00	44.19 2.42 0.00	39.36 2.09 0.00	45.35 2.56 0.00	40.99 2.35 0.00	74.79 2.77 -30.79	63.32 3.63 -7.71	60.48 2.62 -19.28	52.41 3.27 -1.96	49.59 3.04 0.00	41.41 2.32 0.00	42.48 2.27 0.00	45.74 2.53 0.00	43.35 2.32 0.00	42.31 2.25 0.00	52.44 2.64 -8.09	105.47 3.71 -51.57	119.94 4.17 -59.37	87.51 4.89 -14.63	51.42 2.21 -16.77	80.67 1.65 -55.62	49.26 2.52 -8.81	50.29 2.88 -0.40
EAST_PULASKI___ESR 323781	46.59 -0.39 0.00	47.53 -0.54 0.00	41.38 -0.39 0.00	36.99 -0.27 0.00	42.80 0.01 0.00	38.69 0.05 0.00	41.52 0.29 0.00	52.48 0.50 0.00	39.94 -0.04 -1.39	46.84 -0.48 -0.14	46.22 -0.33 0.00	38.76 -0.33 0.00	39.91 -0.29 0.00	42.94 -0.27 0.00	40.66 -0.38 0.00	39.74 -0.33 0.00	42.16 -0.15 -0.58	54.00 0.08 -3.73	60.87 0.17 -4.29	69.12 0.06 -1.06	33.58 -0.07 -1.21	27.38 -0.05 -4.02	38.51 -0.05 -0.64	46.84 -0.20 -0.03
EAST_RIVER___1 323558	48.27 1.30 0.00	49.14 1.07 0.00	42.69 0.92 0.00	38.38 1.12 0.00	43.69 0.90 0.00	39.87 1.23 0.00	45.89 1.64 -3.01	55.10 2.36 -0.76	54.54 1.85 -14.10	50.93 2.32 -1.44	48.85 2.30 0.00	41.11 2.02 0.00	42.19 1.99 0.00	45.28 2.07 0.00	43.04 2.00 0.00	42.20 2.13 0.00	49.83 2.20 -5.92	90.62 2.71 -37.72	102.78 2.94 -43.43	82.18 3.49 -10.70	46.36 1.65 -12.27	65.25 1.16 -40.68	46.07 1.70 -6.45	49.18 1.88 -0.29
EAST_RIVER___2 323559	48.26 1.28 0.00	49.12 1.05 0.00	42.68 0.90 0.00	38.37 1.11 0.00	43.67 0.87 0.00	39.85 1.21 0.00	45.89 1.64 -3.01	55.09 2.36 -0.76	54.54 1.85 -14.10	50.93 2.32 -1.44	48.86 2.32 0.00	41.12 2.03 0.00	42.19 1.99 0.00	45.29 2.08 0.00	43.06 2.02 0.00	42.20 2.14 0.00	49.85 2.22 -5.92	90.63 2.72 -37.72	102.79 2.95 -43.43	82.19 3.50 -10.70	46.36 1.65 -12.27	65.25 1.17 -40.68	46.09 1.71 -6.45	49.19 1.88 -0.29
EAST___DELAWARE_HYD 23607	48.63 1.65 0.00	49.98 1.91 0.00	43.50 1.72 0.00	38.97 1.71 0.00	44.62 1.83 0.00	40.59 1.95 0.00	46.70 2.37 -3.10	55.92 3.16 -0.78	53.76 2.37 -12.80	51.39 2.91 -1.30	49.43 2.88 0.00	41.55 2.45 0.00	42.70 2.50 0.00	45.82 2.61 0.00	43.59 2.55 0.00	42.70 2.63 0.00	50.01 2.95 -5.35	88.02 3.70 -34.13	99.79 4.10 -39.30	82.44 4.77 -9.68	45.74 2.20 -11.10	61.74 1.53 -36.81	46.06 2.30 -5.83	49.95 2.67 -0.26
EIGHT_POINT___WT_PWR 323820	41.73 -5.24 0.00	43.31 -4.76 0.00	37.54 -4.24 0.00	33.77 -3.49 0.00	39.41 -3.38 0.00	35.27 -3.37 0.00	39.83 -3.61 -2.20	71.95 -4.79 -24.75	64.93 -3.84 -30.18	66.03 -4.88 -23.73	62.61 -4.92 -20.99	52.88 -4.24 -18.03	54.29 -4.36 -18.45	58.22 -4.67 -19.68	55.58 -4.26 -18.80	45.96 -4.05 -9.94	49.86 -4.00 -12.15	55.25 -3.40 -8.45	63.40 -2.74 -9.73	67.51 -2.89 -2.40	33.64 -1.55 -2.75	38.68 -1.20 -16.48	43.19 -2.23 -7.49	44.02 -3.30 -0.31
ELBRIDGE_115KV_TB2 80188	45.75 -1.22 0.00	46.86 -1.21 0.00	40.71 -1.06 0.00	36.33 -0.93 0.00	41.81 -0.98 0.00	37.75 -0.89 0.00	40.35 -0.89 0.00	50.83 -1.15 0.00	39.42 -0.99 -1.82	46.13 -1.23 -0.18	45.41 -1.14 0.00	38.14 -0.95 0.00	39.25 -0.95 0.00	42.20 -1.01 0.00	40.01 -1.03 0.00	39.12 -0.95 0.00	41.51 -0.97 -0.76	54.16 -0.89 -4.86	61.07 -0.93 -5.60	68.27 -1.10 -1.38	33.41 -0.61 -1.58	28.24 -0.41 -5.24	38.15 -0.60 -0.83	46.27 -0.78 -0.04
ELEC_TRO_TEK 24086	48.69 1.72 0.00	49.71 1.64 0.00	43.13 1.36 0.00	38.68 1.42 0.00	44.11 1.32 0.00	40.17 1.54 0.00	46.17 1.92 -3.01	55.45 2.72 -0.75	54.80 2.11 -14.10	51.00 2.39 -1.44	48.86 2.31 0.00	41.20 2.11 0.00	42.25 2.05 0.00	45.51 2.29 0.00	43.09 2.06 0.00	42.11 2.05 0.00	49.93 2.30 -5.91	90.85 2.93 -37.72	102.88 3.05 -43.42	82.24 3.55 -10.70	46.43 1.73 -12.27	65.32 1.24 -40.68	46.10 1.73 -6.45	49.45 2.15 -0.29

ELLENBURG_WT_PWR 323604	48.46 1.48 0.00	49.56 1.49 0.00	42.94 1.17 0.00	38.22 0.96 0.00	43.90 1.11 0.00	39.44 0.80 0.00	41.97 0.73 0.00	52.60 0.62 0.00	39.16 0.58 0.00	48.03 0.86 0.00	47.23 0.68 0.00	39.70 0.60 0.00	40.87 0.67 0.00	43.86 0.64 0.00	41.50 0.47 0.00	39.87 -0.20 0.00	41.13 -0.58 0.00	26.42 -1.23 22.55	7.34 -1.37 47.70	42.80 -1.54 23.65	17.16 -0.48 14.80	23.20 -0.20 0.00	37.60 -0.32 0.00	46.24 -0.77 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	44.13 -2.85 0.00	45.46 -2.61 0.00	39.25 -2.52 0.00	35.00 -2.27 0.00	40.62 -2.17 0.00	36.28 -2.36 0.00	38.58 -2.39 0.27	43.57 -3.51 4.90	32.75 -2.98 2.86	39.28 -3.48 4.42	39.10 -3.25 4.19	32.78 -2.72 3.60	33.96 -2.55 3.69	36.72 -2.56 3.93	34.72 -2.55 3.76	35.47 -2.62 1.97	37.92 -2.74 1.05	54.76 -2.22 -6.78	61.95 -2.25 -7.80	67.27 -2.64 -1.92	32.99 -1.65 -2.20	28.09 -1.18 -5.87	36.08 -1.82 0.02	44.81 -2.20 0.00
EMPIRE_CC_1 323656	48.26 1.28 0.00	49.33 1.26 0.00	42.90 1.13 0.00	38.31 1.05 0.00	43.94 1.14 0.00	39.76 1.12 0.00	51.47 1.22 -9.01	55.68 1.44 -2.26	56.13 1.01 -16.53	50.05 1.19 -1.68	47.64 1.09 0.00	39.93 0.84 0.00	41.01 0.81 0.00	44.01 0.80 0.00	41.85 0.82 0.00	40.98 0.92 0.00	49.67 1.02 -6.93	95.48 1.06 -44.22	108.57 1.26 -50.91	81.93 1.40 -12.54	47.49 0.67 -14.38	71.56 0.47 -47.69	46.33 0.86 -7.55	48.41 1.05 -0.34
EMPIRE_CC_2 323658	48.26 1.28 0.00	49.33 1.26 0.00	42.90 1.13 0.00	38.31 1.05 0.00	43.94 1.14 0.00	39.76 1.12 0.00	51.47 1.22 -9.01	55.68 1.44 -2.26	56.13 1.01 -16.53	50.05 1.19 -1.68	47.64 1.09 0.00	39.93 0.84 0.00	41.01 0.81 0.00	44.01 0.80 0.00	41.85 0.82 0.00	40.98 0.92 0.00	49.67 1.02 -6.93	95.48 1.06 -44.22	108.57 1.26 -50.91	81.93 1.40 -12.54	47.49 0.67 -14.38	71.56 0.47 -47.69	46.33 0.86 -7.55	48.41 1.05 -0.34
ENORWICH_115KV_TB1 80156	46.92 -0.06 0.00	48.03 -0.04 0.00	41.71 -0.07 0.00	37.15 -0.10 0.00	42.89 0.10 0.00	38.90 0.26 0.00	44.20 0.85 -2.12	55.11 1.31 -1.83	45.28 0.74 -5.95	49.60 0.71 -1.71	48.06 0.39 -1.12	40.40 0.35 -0.96	41.54 0.36 -0.98	44.61 0.35 -1.05	42.44 0.40 -1.00	41.27 0.67 -0.53	44.70 0.52 -2.47	63.29 1.04 -12.06	71.66 1.37 -13.88	73.11 1.70 -3.42	37.00 0.64 -3.92	37.40 0.59 -13.40	40.84 0.53 -2.38	47.78 0.66 -0.11
ERIE_ST__34_KV_TB1-2 80199	45.13 -1.85 0.00	46.46 -1.61 0.00	40.12 -1.66 0.00	35.78 -1.49 0.00	41.54 -1.25 0.00	37.14 -1.50 0.00	39.52 -1.48 0.23	45.42 -2.40 4.16	34.54 -2.10 1.95	41.06 -2.41 3.70	40.79 -2.19 3.56	34.21 -1.82 3.06	35.41 -1.66 3.13	38.32 -1.55 3.34	36.21 -1.63 3.19	36.71 -1.68 1.67	39.15 -1.87 0.69	56.13 -1.09 -7.02	63.56 -0.93 -8.09	69.02 -0.97 -1.99	33.84 -0.89 -2.29	29.11 -0.65 -6.36	37.13 -0.99 -0.20	45.94 -1.09 -0.01
ERIE_WT_PWR 323693	44.54 -2.44 0.00	45.88 -2.19 0.00	39.60 -2.17 0.00	35.32 -1.94 0.00	41.02 -1.77 0.00	36.66 -1.98 0.00	39.04 -1.95 0.24	44.63 -2.96 4.39	33.77 -2.58 2.24	40.29 -2.96 3.92	40.07 -2.73 3.75	33.61 -2.26 3.23	34.79 -2.11 3.30	37.65 -2.04 3.52	35.55 -2.12 3.37	36.09 -2.21 1.76	38.57 -2.34 0.81	55.41 -1.72 -6.93	62.77 -1.60 -7.98	68.12 -1.84 -1.97	33.38 -1.32 -2.25	28.62 -0.97 -6.19	36.61 -1.44 -0.12	45.28 -1.75 -0.01
ESPRGFLD_115KV_TB1 80157	48.19 1.21 0.00	49.28 1.21 0.00	42.80 1.03 0.00	38.12 0.86 0.00	43.88 1.09 0.00	39.61 0.97 0.00	64.54 1.23 -22.07	59.20 1.69 -5.53	39.79 1.20 0.00	48.82 1.65 0.00	48.16 1.61 0.00	40.35 1.25 0.00	41.50 1.29 0.00	44.59 1.37 0.00	42.31 1.28 0.00	41.35 1.28 0.00	43.01 1.29 0.00	52.07 1.87 0.00	58.56 2.16 0.00	70.56 2.57 0.00	33.59 1.15 0.00	24.30 0.90 0.00	39.28 1.35 0.00	48.51 1.50 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	46.63 -0.34 0.00	47.73 -0.34 0.00	41.46 -0.31 0.00	37.00 -0.26 0.00	42.63 -0.17 0.00	38.53 -0.11 0.00	42.42 0.08 -1.11	54.50 0.14 -2.38	44.26 -0.02 -5.70	49.44 -0.11 -2.38	48.28 -0.09 -1.82	40.59 -0.07 -1.57	41.72 -0.09 -1.60	44.92 -0.01 -1.71	42.61 -0.05 -1.63	40.97 0.04 -0.87	44.08 0.02 -2.35	59.56 0.40 -8.96	67.33 0.61 -10.32	71.31 0.77 -2.54	35.59 0.24 -2.91	33.87 0.16 -10.31	40.18 0.19 -2.06	47.25 0.15 -0.09
ETNA____115KV_TB2 80207	46.63 -0.34 0.00	47.73 -0.34 0.00	41.46 -0.31 0.00	37.00 -0.26 0.00	42.63 -0.17 0.00	38.53 -0.11 0.00	42.42 0.08 -1.11	54.50 0.14 -2.38	44.26 -0.02 -5.70	49.44 -0.11 -2.38	48.28 -0.09 -1.82	40.59 -0.07 -1.57	41.72 -0.09 -1.60	44.92 -0.01 -1.71	42.61 -0.05 -1.63	40.97 0.04 -0.87	44.08 0.02 -2.35	59.56 0.40 -8.96	67.33 0.61 -10.32	71.31 0.77 -2.54	35.59 0.24 -2.91	33.87 0.16 -10.31	40.18 0.19 -2.06	47.25 0.15 -0.09
EUCLID____115KV_TB2 356179	45.49 -1.49 0.00	46.56 -1.51 0.00	40.46 -1.32 0.00	36.10 -1.16 0.00	41.59 -1.21 0.00	37.50 -1.14 0.00	40.04 -1.19 0.00	50.45 -1.54 0.00	38.88 -1.23 -1.52	45.78 -1.55 -0.15	45.05 -1.49 0.00	37.86 -1.23 0.00	38.95 -1.25 0.00	41.89 -1.32 0.00	39.75 -1.28 0.00	38.85 -1.21 0.00	41.13 -1.23 -0.64	53.00 -1.26 -4.06	59.74 -1.34 -4.68	67.51 -1.63 -1.15	32.90 -0.86 -1.32	27.23 -0.56 -4.38	37.80 -0.83 -0.70	45.98 -1.07 -0.03
E_CANADA_CAP_HY 24051	49.04 2.06 0.00	50.10 2.03 0.00	43.50 1.73 0.00	38.72 1.46 0.00	44.60 1.80 0.00	40.20 1.56 0.00	71.60 1.75 -28.62	61.42 2.27 -7.17	60.34 1.72 -20.03	51.55 2.33 -2.04	48.83 2.29 0.00	40.82 1.73 0.00	41.93 1.73 0.00	45.12 1.91 0.00	42.81 1.78 0.00	41.77 1.70 0.00	51.87 1.75 -8.40	106.23 2.45 -53.58	120.85 2.76 -61.69	86.43 3.24 -15.20	51.35 1.48 -17.42	82.39 1.19 -57.79	48.95 1.88 -9.15	49.56 2.13 -0.41
E_CANADA_MHWK_HY 24050	47.52 0.54 0.00	48.58 0.51 0.00	42.27 0.49 0.00	37.72 0.46 0.00	43.23 0.44 0.00	39.21 0.58 0.00	42.03 0.79 0.00	52.97 0.99 0.00	39.60 0.78 -0.23	48.21 1.01 -0.02	47.23 0.68 0.00	39.42 0.32 0.00	40.46 0.26 0.00	43.67 0.46 0.00	41.41 0.37 0.00	40.62 0.56 0.00	42.38 0.56 -0.10	51.59 0.77 -0.62	58.03 0.92 -0.71	69.28 1.11 -0.18	33.07 0.43 -0.20	24.42 0.35 -0.67	38.52 0.48 -0.11	47.56 0.54 0.00
E_FISHKILL____LBMP 23776	48.10 1.12 0.00	49.04 0.97 0.00	42.62 0.84 0.00	38.19 0.93 0.00	43.62 0.82 0.00	39.66 1.02 0.00	45.65 1.37 -3.05	54.69 1.95 -0.76	54.37 1.47 -14.31	50.45 1.81 -1.46	48.33 1.79 0.00	40.60 1.50 0.00	41.68 1.48 0.00	44.75 1.53 0.00	42.53 1.49 0.00	41.65 1.58 0.00	49.40 1.67 -6.00	90.54 2.06 -38.29	102.75 2.27 -44.08	81.50 2.65 -10.86	46.15 1.27 -12.45	65.59 0.89 -41.29	45.79 1.32 -6.54	48.81 1.50 -0.30
FALCON____SEABRD_CC1 323796	49.69 2.71 0.00	50.73 2.66 0.00	43.90 2.13 0.00	39.12 1.86 0.00	44.91 2.12 0.00	40.31 1.68 0.00	42.93 1.69 0.00	53.62 1.64 0.00	39.87 1.28 0.00	49.00 1.83 0.00	48.05 1.51 0.00	40.35 1.25 0.00	41.53 1.33 0.00	44.50 1.28 0.00	42.05 1.02 0.00	40.16 0.09 0.00	41.18 -0.54 0.00	23.06 -1.33 25.82	0.37 -1.42 54.61	39.11 -1.80 27.08	14.89 -0.61 16.94	23.19 -0.21 0.00	37.63 -0.30 0.00	46.28 -0.74 0.00

FALCON___SEABRD_CC2 323797	49.69 2.71 0.00	50.73 2.66 0.00	43.90 2.13 0.00	39.12 1.86 0.00	44.91 2.12 0.00	40.31 1.68 0.00	42.93 1.69 0.00	53.62 1.64 0.00	39.87 1.28 0.00	49.00 1.83 0.00	48.05 1.51 0.00	40.35 1.25 0.00	41.53 1.33 0.00	44.50 1.28 0.00	42.05 1.02 0.00	40.16 0.09 0.00	41.18 -0.54 0.00	23.06 -1.33 25.82	0.37 -1.42 54.61	39.11 -1.80 27.08	14.89 -0.61 16.94	23.19 -0.21 0.00	37.63 -0.30 0.00	46.28 -0.74 0.00
FAR ROCKAWAY___4 23548	49.22 2.24 0.00	50.24 2.18 0.00	43.57 1.80 0.00	39.07 1.81 0.00	44.58 1.79 0.00	40.61 1.97 0.00	46.66 2.41 -3.01	56.05 3.31 -0.75	55.22 2.54 -14.10	51.51 2.90 -1.44	49.41 2.86 0.00	41.70 2.60 0.00	42.77 2.57 0.00	46.11 2.89 0.00	43.62 2.59 0.00	42.62 2.56 0.00	50.50 2.87 -5.91	91.52 3.61 -37.72	103.62 3.79 -43.42	83.16 4.47 -10.70	46.87 2.16 -12.27	65.62 1.54 -40.68	46.57 2.20 -6.45	49.98 2.68 -0.29
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	48.32 1.34 0.00	49.19 1.12 0.00	42.73 0.96 0.00	38.42 1.15 0.00	43.74 0.94 0.00	39.91 1.27 0.00	45.93 1.68 -3.01	55.15 2.42 -0.76	54.57 1.89 -14.10	50.99 2.38 -1.44	48.91 2.36 0.00	41.15 2.05 0.00	42.24 2.03 0.00	45.33 2.12 0.00	43.09 2.06 0.00	42.23 2.17 0.00	49.88 2.24 -5.92	90.68 2.76 -37.72	102.83 3.00 -43.43	82.26 3.56 -10.70	46.39 1.68 -12.27	65.27 1.18 -40.68	46.12 1.74 -6.45	49.22 1.91 -0.29
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	48.35 1.37 0.00	49.22 1.15 0.00	42.76 0.98 0.00	38.43 1.17 0.00	43.75 0.95 0.00	39.91 1.27 0.00	45.96 1.71 -3.01	55.17 2.44 -0.76	54.59 1.90 -14.10	51.00 2.39 -1.44	48.92 2.37 0.00	41.16 2.07 0.00	42.26 2.06 0.00	45.35 2.13 0.00	43.11 2.08 0.00	42.24 2.18 0.00	49.88 2.25 -5.92	90.69 2.77 -37.72	102.85 3.02 -43.43	82.27 3.58 -10.70	46.41 1.70 -12.27	65.29 1.20 -40.68	46.14 1.76 -6.45	49.24 1.94 -0.29
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	48.31 1.33 0.00	49.18 1.11 0.00	42.72 0.94 0.00	38.40 1.14 0.00	43.71 0.92 0.00	39.89 1.25 0.00	45.91 1.67 -3.01	55.13 2.39 -0.76	54.57 1.88 -14.10	50.97 2.36 -1.44	48.89 2.34 0.00	41.13 2.03 0.00	42.23 2.02 0.00	45.32 2.11 0.00	43.07 2.04 0.00	42.21 2.15 0.00	49.85 2.22 -5.92	90.64 2.72 -37.72	102.80 2.97 -43.43	82.20 3.51 -10.70	46.37 1.67 -12.27	65.26 1.17 -40.68	46.10 1.72 -6.45	49.20 1.89 -0.29
FARRAGUT___LBMP 323566	48.27 1.29 0.00	49.14 1.07 0.00	42.69 0.92 0.00	38.38 1.11 0.00	43.69 0.89 0.00	39.86 1.22 0.00	45.88 1.63 -3.01	55.07 2.34 -0.76	54.52 1.83 -14.10	50.92 2.31 -1.44	48.83 2.28 0.00	41.08 1.99 0.00	42.18 1.98 0.00	45.26 2.04 0.00	43.03 2.00 0.00	42.17 2.10 0.00	49.81 2.17 -5.92	90.58 2.66 -37.72	102.74 2.90 -43.43	82.13 3.43 -10.70	46.34 1.64 -12.27	65.24 1.15 -40.68	46.07 1.69 -6.45	49.16 1.86 -0.29
FENNER___WINDPWR 24204	47.15 0.17 0.00	48.17 0.10 0.00	41.87 0.09 0.00	37.37 0.11 0.00	43.09 0.30 0.00	38.99 0.36 0.00	41.84 0.60 0.00	52.85 0.87 0.00	40.99 0.49 -1.91	47.89 0.52 -0.19	47.11 0.56 0.00	39.56 0.47 0.00	40.67 0.47 0.00	43.69 0.47 0.00	41.47 0.44 0.00	40.54 0.47 0.00	43.11 0.59 -0.80	56.20 0.90 -5.11	63.26 0.99 -5.88	70.54 1.10 -1.45	34.57 0.48 -1.66	29.21 0.30 -5.51	39.25 0.45 -0.87	47.54 0.49 -0.04
FIBERTEK___ENERGY 23856	46.15 -0.83 0.00	47.24 -0.83 0.00	41.06 -0.71 0.00	36.63 -0.63 0.00	42.20 -0.59 0.00	38.09 -0.55 0.00	40.72 -0.51 0.00	51.33 -0.66 0.00	39.72 -0.61 -1.74	46.56 -0.79 -0.18	45.83 -0.71 0.00	38.49 -0.61 0.00	39.61 -0.59 0.00	42.59 -0.63 0.00	40.40 -0.64 0.00	39.49 -0.58 0.00	41.88 -0.57 -0.73	54.44 -0.42 -4.67	61.36 -0.41 -5.37	68.82 -0.49 -1.32	33.63 -0.33 -1.52	28.23 -0.21 -5.03	38.43 -0.29 -0.80	46.64 -0.41 -0.04
FITZPATRICK____ 23598	45.07 -1.91 0.00	46.13 -1.94 0.00	40.10 -1.67 0.00	35.77 -1.50 0.00	41.16 -1.63 0.00	37.11 -1.53 0.00	39.55 -1.69 0.00	49.81 -2.17 0.00	38.00 -1.69 -1.10	45.22 -2.07 -0.11	44.54 -2.01 0.00	37.42 -1.68 0.00	38.49 -1.71 0.00	41.38 -1.83 0.00	39.28 -1.76 0.00	38.37 -1.70 0.00	40.43 -1.75 -0.46	51.19 -1.95 -2.94	57.65 -2.14 -3.39	66.24 -2.59 -0.84	32.10 -1.29 -0.96	25.74 -0.84 -3.18	37.19 -1.24 -0.50	45.47 -1.57 -0.02
FLOWRFLD_69_KV_BK1 356044	49.19 2.22 0.00	50.25 2.18 0.00	43.56 1.79 0.00	39.04 1.78 0.00	44.53 1.73 0.00	40.61 1.97 0.00	46.62 2.37 -3.01	56.14 3.41 -0.75	55.32 2.64 -14.10	51.13 2.52 -1.44	48.82 2.27 0.00	41.22 2.12 0.00	42.22 2.02 0.00	45.65 2.43 0.00	43.15 2.12 0.00	42.10 2.04 0.00	50.04 2.41 -5.91	91.32 3.40 -37.72	103.20 3.37 -43.42	82.55 3.86 -10.70	46.58 1.87 -12.27	65.37 1.28 -40.68	46.08 1.71 -6.45	49.84 2.53 -0.29
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	48.71 1.73 0.00	49.65 1.58 0.00	43.18 1.40 0.00	38.70 1.44 0.00	44.23 1.44 0.00	40.24 1.61 0.00	46.32 2.03 -3.06	55.54 2.79 -0.77	54.77 2.09 -14.09	51.17 2.56 -1.44	49.03 2.48 0.00	41.20 2.11 0.00	42.30 2.10 0.00	45.42 2.21 0.00	43.13 2.10 0.00	42.23 2.17 0.00	49.91 2.31 -5.89	90.65 2.89 -37.56	102.87 3.22 -43.25	82.43 3.79 -10.65	46.42 1.76 -12.22	65.15 1.23 -40.51	46.18 1.83 -6.42	49.38 2.07 -0.29
FORT ORANGE____ 23900	48.78 1.80 0.00	49.87 1.80 0.00	43.38 1.61 0.00	38.72 1.46 0.00	44.43 1.64 0.00	40.23 1.59 0.00	56.71 1.81 -13.67	57.75 2.34 -3.42	57.24 1.68 -16.97	50.93 2.03 -1.73	48.46 1.92 0.00	40.53 1.44 0.00	41.74 1.53 0.00	44.87 1.65 0.00	42.62 1.59 0.00	41.72 1.65 0.00	50.64 1.80 -7.12	97.77 2.18 -45.39	111.14 2.48 -52.26	83.75 2.89 -12.87	48.51 1.31 -14.76	73.29 0.93 -48.95	47.18 1.51 -7.75	49.13 1.77 -0.35
FORT_DRUM_COGEN 23780	48.32 1.34 0.00	48.94 0.87 0.00	42.72 0.95 0.00	38.28 1.02 0.00	44.60 1.81 0.00	40.46 1.82 0.00	43.80 2.56 0.00	55.64 3.66 0.00	41.25 1.65 -1.01	48.14 0.86 -0.10	47.73 1.19 0.00	39.87 0.78 0.00	41.01 0.81 0.00	44.25 1.04 0.00	41.66 0.63 0.00	40.69 0.63 0.00	43.30 1.16 -0.43	54.58 1.66 -2.71	61.37 1.84 -3.13	70.43 1.67 -0.77	33.96 0.64 -0.88	26.76 0.43 -2.93	39.24 0.85 -0.46	47.68 0.64 -0.02
FOX_HILLS___ESR 323835	57.32 1.71 -8.64	56.21 1.39 -6.74	55.93 1.15 -13.00	55.92 1.33 -17.32	55.94 1.12 -12.02	56.36 1.55 -16.17	56.26 2.02 -13.00	64.82 2.79 -10.05	58.39 2.17 -17.64	57.84 2.82 -7.84	58.17 2.79 -8.83	63.24 2.44 -21.71	62.34 2.41 -19.73	62.75 2.53 -17.00	62.22 2.47 -18.72	68.35 2.52 -25.76	98.49 2.61 -54.16	98.46 2.95 -45.31	108.46 3.34 -48.72	115.91 4.05 -43.86	60.13 2.03 -25.66	74.28 1.42 -49.45	62.28 2.14 -22.21	65.06 2.34 -15.71
FPL FAR_ROCK_GT1 24212	49.22 2.24 0.00	50.25 2.18 0.00	43.57 1.80 0.00	39.07 1.81 0.00	44.58 1.79 0.00	40.61 1.97 0.00	46.66 2.41 -3.01	56.04 3.30 -0.75	55.23 2.54 -14.10	51.50 2.89 -1.44	49.39 2.84 0.00	41.68 2.59 0.00	42.76 2.56 0.00	46.09 2.88 0.00	43.61 2.57 0.00	42.61 2.55 0.00	50.50 2.87 -5.91	91.52 3.61 -37.72	103.62 3.79 -43.42	83.16 4.47 -10.70	46.87 2.16 -12.27	65.61 1.53 -40.68	46.57 2.20 -6.45	49.98 2.68 -0.29

FPL FAR_ROCK_GT2 23815	49.22 2.24 0.00	50.25 2.18 0.00	43.57 1.80 0.00	39.07 1.81 0.00	44.58 1.79 0.00	40.61 1.97 0.00	46.66 2.41 -3.01	56.04 3.30 -0.75	55.23 2.54 -14.10	51.50 2.89 -1.44	49.39 2.84 0.00	41.68 2.59 0.00	42.76 2.56 0.00	46.09 2.88 0.00	43.61 2.57 0.00	42.61 2.55 0.00	50.50 2.87 -5.91	91.52 3.61 -37.72	103.62 3.79 -43.42	83.16 4.47 -10.70	46.87 2.16 -12.27	65.61 1.53 -40.68	46.57 2.20 -6.45	49.98 2.68 -0.29
FRANKLIN_FALL_HYD 24054	50.32 3.35 0.00	51.40 3.33 0.00	44.53 2.76 0.00	39.62 2.36 0.00	45.66 2.86 0.00	41.05 2.41 0.00	43.92 2.69 0.00	55.19 3.20 0.00	41.15 2.32 -0.24	49.90 2.70 -0.03	49.36 2.82 0.00	41.37 2.27 0.00	42.57 2.37 0.00	45.90 2.69 0.00	43.24 2.21 0.00	41.44 1.38 0.00	42.96 1.14 -0.10	53.32 0.91 -2.22	61.53 1.06 -4.07	71.04 1.22 -1.83	34.39 0.72 -1.24	24.77 0.66 -0.70	39.33 1.30 -0.11	48.16 1.14 0.00
FREEPORT_EQUS_GT1 23764	48.92 1.94 0.00	49.95 1.88 0.00	43.32 1.54 0.00	38.83 1.57 0.00	44.29 1.49 0.00	40.35 1.71 0.00	46.34 2.09 -3.01	55.68 2.94 -0.75	54.99 2.30 -14.10	51.13 2.52 -1.44	48.96 2.41 0.00	41.31 2.22 0.00	42.36 2.15 0.00	45.68 2.47 0.00	43.21 2.18 0.00	42.18 2.11 0.00	50.08 2.45 -5.91	91.10 3.19 -37.72	103.13 3.31 -43.42	82.59 3.90 -10.70	46.59 1.89 -12.27	65.44 1.36 -40.68	46.28 1.90 -6.45	49.67 2.37 -0.29
FREEPORT___CT2 23818	48.92 1.94 0.00	49.95 1.88 0.00	43.32 1.54 0.00	38.83 1.57 0.00	44.29 1.49 0.00	40.35 1.71 0.00	46.34 2.09 -3.01	55.68 2.94 -0.75	54.99 2.30 -14.10	51.13 2.52 -1.44	48.96 2.41 0.00	41.31 2.22 0.00	42.36 2.15 0.00	45.68 2.47 0.00	43.21 2.18 0.00	42.18 2.11 0.00	50.08 2.45 -5.91	91.10 3.19 -37.72	103.13 3.31 -43.42	82.59 3.90 -10.70	46.59 1.89 -12.27	65.44 1.36 -40.68	46.28 1.90 -6.45	49.67 2.37 -0.29
FRESHKLS_33_KV_LOAD 356253	57.28 1.67 -8.64	56.16 1.34 -6.74	55.87 1.10 -13.00	55.87 1.29 -17.32	55.89 1.07 -12.02	56.34 1.54 -16.17	56.24 2.00 -13.00	64.77 2.73 -10.05	58.33 2.10 -17.64	57.79 2.77 -7.84	58.12 2.75 -8.83	63.20 2.40 -21.71	62.29 2.36 -19.73	62.71 2.49 -17.00	62.20 2.45 -18.72	68.31 2.48 -25.76	98.44 2.56 -54.16	98.36 2.85 -45.31	108.39 3.27 -48.72	115.88 4.02 -43.86	60.16 2.06 -25.66	74.28 1.42 -49.45	62.29 2.15 -22.21	65.06 2.33 -15.71
FULTON COGEN____ 23766	46.24 -0.74 0.00	47.26 -0.81 0.00	41.12 -0.66 0.00	36.72 -0.54 0.00	42.39 -0.40 0.00	38.28 -0.36 0.00	40.91 -0.32 0.00	51.62 -0.37 0.00	39.64 -0.46 -1.51	46.63 -0.70 -0.15	45.90 -0.64 0.00	38.57 -0.53 0.00	39.70 -0.50 0.00	42.69 -0.52 0.00	40.49 -0.54 0.00	39.59 -0.47 0.00	41.96 -0.39 -0.63	54.01 -0.22 -4.04	60.90 -0.15 -4.65	68.92 -0.22 -1.15	33.53 -0.22 -1.31	27.61 -0.15 -4.36	38.39 -0.23 -0.69	46.69 -0.36 -0.03
FULTON___LFGE 323630	49.45 2.48 0.00	50.52 2.44 0.00	43.87 2.10 0.00	39.05 1.79 0.00	44.98 2.19 0.00	40.67 2.03 0.00	74.94 2.37 -31.34	62.95 3.11 -7.85	59.94 2.27 -19.09	51.95 2.83 -1.94	49.19 2.64 0.00	41.06 1.97 0.00	42.11 1.90 0.00	45.46 2.25 0.00	43.17 2.14 0.00	42.19 2.12 0.00	52.04 2.31 -8.01	104.44 3.19 -51.06	118.75 3.56 -58.79	86.67 4.20 -14.48	50.94 1.90 -16.61	79.89 1.42 -55.07	48.82 2.18 -8.72	49.91 2.50 -0.39
G.F.CEMENT___DRP 24184	51.68 4.70 0.00	52.74 4.67 0.00	45.76 3.99 0.00	40.86 3.60 0.00	47.12 4.32 0.00	42.67 4.03 0.00	76.18 4.60 -30.35	65.41 5.83 -7.60	60.41 4.27 -17.55	54.11 5.14 -1.79	51.37 4.82 0.00	43.03 3.93 0.00	44.11 3.90 0.00	47.35 4.14 0.00	45.00 3.97 0.00	44.07 4.01 0.00	53.41 4.33 -7.36	102.41 5.26 -46.95	116.28 5.81 -54.06	88.22 6.91 -13.32	50.85 3.14 -15.27	76.27 2.22 -50.64	49.44 3.49 -8.02	51.81 4.43 -0.36
GARDENVILLE___LBMP 24039	44.30 -2.68 0.00	45.63 -2.44 0.00	39.42 -2.36 0.00	35.14 -2.12 0.00	40.80 -1.99 0.00	36.45 -2.19 0.00	38.79 -2.20 0.25	44.09 -3.27 4.63	33.27 -2.79 2.52	39.78 -3.25 4.15	39.56 -3.03 3.96	33.16 -2.54 3.40	34.34 -2.38 3.48	37.15 -2.36 3.71	35.11 -2.38 3.54	35.78 -2.43 1.86	38.25 -2.54 0.92	55.12 -1.94 -6.86	62.38 -1.92 -7.90	67.69 -2.25 -1.95	33.20 -1.47 -2.23	28.38 -1.07 -6.04	36.35 -1.64 -0.06	45.05 -1.97 -0.01
GARDNVLA_35_KV_LD 355827	44.68 -2.30 0.00	46.01 -2.06 0.00	39.72 -2.06 0.00	35.41 -1.85 0.00	41.12 -1.67 0.00	36.75 -1.89 0.00	39.15 -1.85 0.23	44.86 -2.85 4.27	34.01 -2.48 2.10	40.51 -2.86 3.81	40.26 -2.63 3.65	33.76 -2.20 3.14	34.97 -2.02 3.21	37.83 -1.96 3.43	35.75 -2.01 3.27	36.25 -2.10 1.72	38.75 -2.22 0.75	55.64 -1.52 -6.96	63.00 -1.42 -8.02	68.35 -1.62 -1.98	33.50 -1.20 -2.27	28.77 -0.89 -6.26	36.73 -1.36 -0.16	45.42 -1.60 -0.01
GELCKHM___115KV_LOAD 80723	45.71 -1.26 0.00	46.79 -1.28 0.00	40.66 -1.11 0.00	36.28 -0.98 0.00	41.80 -1.00 0.00	37.70 -0.93 0.00	40.28 -0.95 0.00	50.75 -1.23 0.00	39.16 -1.03 -1.60	46.05 -1.29 -0.16	45.32 -1.23 0.00	38.06 -1.04 0.00	39.17 -1.03 0.00	42.12 -1.10 0.00	39.98 -1.06 0.00	39.07 -1.00 0.00	41.39 -1.00 -0.67	53.50 -0.98 -4.29	60.31 -1.03 -4.94	67.95 -1.26 -1.22	33.15 -0.68 -1.40	27.59 -0.44 -4.63	38.01 -0.65 -0.73	46.20 -0.84 -0.03
GENERAL___MILLS 23808	44.54 -2.44 0.00	45.87 -2.20 0.00	39.61 -2.17 0.00	35.31 -1.95 0.00	41.01 -1.78 0.00	36.64 -2.00 0.00	39.00 -2.00 0.24	44.56 -3.03 4.39	33.72 -2.63 2.24	40.21 -3.04 3.92	39.98 -2.81 3.75	33.51 -2.35 3.23	34.72 -2.18 3.30	37.56 -2.14 3.52	35.49 -2.17 3.37	36.04 -2.26 1.76	38.54 -2.37 0.81	55.41 -1.72 -6.93	62.72 -1.65 -7.98	68.05 -1.91 -1.97	33.37 -1.33 -2.25	28.62 -0.97 -6.19	36.57 -1.48 -0.12	45.27 -1.75 -0.01
GE_PLASTICS___DRP 24183	48.24 1.26 0.00	49.33 1.26 0.00	42.91 1.13 0.00	38.31 1.05 0.00	43.93 1.14 0.00	39.75 1.12 0.00	53.79 1.30 -11.26	56.47 1.67 -2.82	56.77 1.20 -16.98	50.36 1.45 -1.73	47.93 1.39 0.00	40.18 1.08 0.00	41.31 1.11 0.00	44.38 1.17 0.00	42.16 1.13 0.00	41.26 1.20 0.00	50.14 1.30 -7.12	97.19 1.56 -45.43	110.47 1.77 -52.31	82.91 2.04 -12.88	48.15 0.94 -14.77	73.08 0.68 -49.00	46.79 1.10 -7.76	48.67 1.31 -0.35
GILBOA___1 23756	47.69 0.71 0.00	48.89 0.82 0.00	42.63 0.85 0.00	37.97 0.71 0.00	43.51 0.71 0.00	39.28 0.65 0.00	43.94 0.83 -1.87	53.58 1.12 -0.47	52.92 0.82 -13.51	49.55 0.99 -1.38	47.51 0.96 0.00	39.87 0.77 0.00	40.97 0.77 0.00	44.01 0.79 0.00	41.81 0.78 0.00	40.91 0.85 0.00	48.30 0.91 -5.67	87.49 1.14 -36.15	99.32 1.30 -41.62	79.75 1.50 -10.25	44.89 0.69 -11.76	62.91 0.52 -38.99	44.90 0.80 -6.17	48.27 0.98 -0.28
GILBOA___2 23757	47.69 0.71 0.00	48.89 0.82 0.00	42.63 0.85 0.00	37.97 0.71 0.00	43.51 0.71 0.00	39.28 0.65 0.00	43.94 0.83 -1.87	53.58 1.12 -0.47	52.92 0.82 -13.51	49.55 0.99 -1.38	47.51 0.96 0.00	39.87 0.77 0.00	40.97 0.77 0.00	44.01 0.79 0.00	41.81 0.78 0.00	40.91 0.85 0.00	48.30 0.91 -5.67	87.49 1.14 -36.15	99.32 1.30 -41.62	79.75 1.50 -10.25	44.89 0.69 -11.76	62.91 0.52 -38.99	44.90 0.80 -6.17	48.27 0.98 -0.28

GILBOA___3 23758	47.69 0.71 0.00	48.89 0.82 0.00	42.63 0.85 0.00	37.97 0.71 0.00	43.51 0.71 0.00	39.28 0.65 0.00	43.94 0.83 -1.87	53.58 1.12 -0.47	52.92 0.82 -13.51	49.55 0.99 -1.38	47.51 0.96 0.00	39.87 0.77 0.00	40.97 0.77 0.00	44.01 0.79 0.00	41.81 0.78 0.00	40.91 0.85 0.00	48.30 0.91 -5.67	87.49 1.14 -36.15	99.32 1.30 -41.62	79.75 1.50 -10.25	44.89 0.69 -11.76	62.91 0.52 -38.99	44.90 0.80 -6.17	48.27 0.98 -0.28
GILBOA___4 23759	47.69 0.71 0.00	48.89 0.82 0.00	42.63 0.85 0.00	37.97 0.71 0.00	43.51 0.71 0.00	39.28 0.65 0.00	43.94 0.83 -1.87	53.58 1.12 -0.47	52.92 0.82 -13.51	49.55 0.99 -1.38	47.51 0.96 0.00	39.87 0.77 0.00	40.97 0.77 0.00	44.01 0.79 0.00	41.81 0.78 0.00	40.91 0.85 0.00	48.30 0.91 -5.67	87.49 1.14 -36.15	99.32 1.30 -41.62	79.75 1.50 -10.25	44.89 0.69 -11.76	62.91 0.52 -38.99	44.90 0.80 -6.17	48.27 0.98 -0.28
GILBOA___ 23599	47.69 0.71 0.00	48.89 0.82 0.00	42.63 0.85 0.00	37.97 0.71 0.00	43.51 0.72 0.00	39.29 0.65 0.00	43.94 0.83 -1.87	53.58 1.13 -0.47	52.92 0.81 -13.51	49.54 0.99 -1.38	47.51 0.96 0.00	39.88 0.78 0.00	40.97 0.77 0.00	44.01 0.79 0.00	41.82 0.78 0.00	40.91 0.84 0.00	48.30 0.91 -5.67	87.49 1.14 -36.15	99.32 1.30 -41.62	79.75 1.50 -10.25	44.89 0.69 -11.76	62.91 0.52 -38.99	44.91 0.81 -6.17	48.27 0.98 -0.28
GINNA___ 23603	43.12 -3.86 0.00	44.27 -3.81 0.00	38.36 -3.42 0.00	34.21 -3.05 0.00	39.54 -3.26 0.00	35.54 -3.09 0.00	38.10 -3.13 0.00	47.88 -4.11 0.00	37.33 -3.23 -1.97	43.50 -3.88 -0.20	42.83 -3.72 0.00	35.98 -3.11 0.00	37.10 -3.10 0.00	39.95 -3.27 0.00	37.87 -3.16 0.00	36.90 -3.17 0.00	39.25 -3.30 -0.83	52.05 -3.43 -5.28	58.77 -3.71 -6.08	65.00 -4.49 -1.50	31.80 -2.35 -1.72	27.40 -1.70 -5.69	36.12 -2.70 -0.90	43.59 -3.46 -0.04
GLEN PARK___ 23778	48.44 1.46 0.00	49.07 1.00 0.00	42.82 1.05 0.00	38.38 1.12 0.00	44.72 1.93 0.00	40.58 1.94 0.00	43.95 2.72 0.00	55.84 3.86 0.00	41.43 1.79 -1.04	48.28 1.00 -0.11	47.87 1.33 0.00	39.94 0.84 0.00	41.14 0.93 0.00	44.38 1.17 0.00	41.78 0.75 0.00	40.85 0.78 0.00	43.49 1.34 -0.44	54.90 1.91 -2.79	61.78 2.17 -3.21	70.89 2.11 -0.79	34.18 0.83 -0.91	26.98 0.56 -3.01	39.43 1.02 -0.48	47.87 0.83 -0.02
GLENDALE_27_KV_LOAD 356172	48.63 1.66 0.00	49.48 1.41 0.00	42.97 1.19 0.00	38.63 1.37 0.00	43.95 1.16 0.00	40.16 1.52 0.00	46.25 2.00 -3.01	55.54 2.81 -0.76	54.91 2.22 -14.10	51.43 2.81 -1.44	49.33 2.78 0.00	41.52 2.42 -0.01	42.63 2.42 -0.01	45.76 2.54 -0.01	43.49 2.45 -0.01	42.60 2.53 -0.01	50.28 2.64 -5.92	91.12 3.20 -37.73	103.34 3.50 -43.44	82.83 4.14 -10.70	46.69 1.99 -12.27	65.49 1.40 -40.69	46.44 2.07 -6.45	49.57 2.26 -0.29
GLENWOOD_IC_1_G5 23712	48.90 1.92 0.00	49.93 1.86 0.00	43.31 1.54 0.00	38.82 1.57 0.00	44.30 1.50 0.00	40.35 1.71 0.00	46.35 2.11 -3.01	55.70 2.96 -0.75	54.99 2.30 -14.10	51.23 2.61 -1.44	49.09 2.55 0.00	41.39 2.30 0.00	42.45 2.24 0.00	45.73 2.52 0.00	43.31 2.28 0.00	42.31 2.24 0.00	50.14 2.51 -5.91	91.13 3.22 -37.72	103.22 3.39 -43.42	82.65 3.96 -10.70	46.61 1.91 -12.27	65.44 1.35 -40.68	46.30 1.92 -6.45	49.66 2.35 -0.29
GLENWOOD_IC_2_G1 23688	48.79 1.81 0.00	49.81 1.74 0.00	43.21 1.44 0.00	38.74 1.48 0.00	44.19 1.40 0.00	40.26 1.62 0.00	46.25 2.00 -3.01	55.56 2.82 -0.75	54.89 2.20 -14.10	51.09 2.48 -1.44	48.95 2.41 0.00	41.28 2.18 0.00	42.31 2.11 0.00	45.59 2.37 0.00	43.17 2.14 0.00	42.20 2.14 0.00	50.01 2.38 -5.91	90.97 3.06 -37.72	103.03 3.21 -43.42	82.45 3.76 -10.70	46.51 1.81 -12.27	65.37 1.29 -40.68	46.19 1.81 -6.45	49.54 2.24 -0.29
GLENWOOD_IC_3_G1 23689	48.79 1.81 0.00	49.81 1.74 0.00	43.21 1.44 0.00	38.74 1.48 0.00	44.19 1.40 0.00	40.26 1.62 0.00	46.25 2.00 -3.01	55.56 2.82 -0.75	54.89 2.20 -14.10	51.09 2.48 -1.44	48.95 2.41 0.00	41.28 2.18 0.00	42.31 2.11 0.00	45.59 2.37 0.00	43.17 2.14 0.00	42.20 2.14 0.00	50.01 2.38 -5.91	90.97 3.06 -37.72	103.03 3.21 -43.42	82.45 3.76 -10.70	46.51 1.81 -12.27	65.37 1.29 -40.68	46.19 1.81 -6.45	49.54 2.24 -0.29
GLENWOOD___4 23550	48.90 1.92 0.00	49.93 1.86 0.00	43.31 1.54 0.00	38.82 1.57 0.00	44.30 1.50 0.00	40.35 1.71 0.00	46.35 2.11 -3.01	55.70 2.96 -0.75	54.99 2.30 -14.10	51.23 2.61 -1.44	49.09 2.55 0.00	41.39 2.30 0.00	42.45 2.24 0.00	45.73 2.52 0.00	43.31 2.28 0.00	42.31 2.24 0.00	50.14 2.51 -5.91	91.13 3.22 -37.72	103.22 3.39 -43.42	82.65 3.96 -10.70	46.61 1.91 -12.27	65.44 1.35 -40.68	46.30 1.92 -6.45	49.66 2.35 -0.29
GLENWOOD___5 23614	48.90 1.92 0.00	49.93 1.86 0.00	43.31 1.54 0.00	38.82 1.57 0.00	44.30 1.50 0.00	40.35 1.71 0.00	46.35 2.11 -3.01	55.70 2.96 -0.75	54.99 2.30 -14.10	51.23 2.61 -1.44	49.09 2.55 0.00	41.39 2.30 0.00	42.45 2.24 0.00	45.73 2.52 0.00	43.31 2.28 0.00	42.31 2.24 0.00	50.14 2.51 -5.91	91.13 3.22 -37.72	103.22 3.39 -43.42	82.65 3.96 -10.70	46.61 1.91 -12.27	65.44 1.35 -40.68	46.30 1.92 -6.45	49.66 2.35 -0.29
GLOBAL GREEN_PORT_GT1 23814	48.41 1.43 0.00	49.45 1.37 0.00	42.86 1.08 0.00	38.41 1.15 0.00	43.84 1.04 0.00	40.01 1.37 0.00	46.06 1.81 -3.01	55.46 2.72 -0.75	54.76 2.07 -14.10	50.04 1.43 -1.44	47.56 1.01 0.00	40.12 1.03 0.00	41.02 0.82 0.00	44.33 1.12 0.00	42.00 0.97 0.00	41.03 0.96 0.00	48.98 1.35 -5.91	90.24 2.33 -37.72	101.97 2.14 -43.42	80.95 2.26 -10.70	45.80 1.09 -12.27	64.73 0.65 -40.68	45.20 0.83 -6.45	50.25 2.95 -0.29
GLOBE___DSASP 323697	42.80 -4.18 0.00	44.14 -3.93 0.00	38.08 -3.69 0.00	33.95 -3.31 0.00	39.39 -3.40 0.00	35.10 -3.54 0.00	37.24 -3.68 0.31	40.89 -5.32 5.77	30.29 -4.39 3.91	36.71 -5.21 5.26	36.66 -4.95 4.94	30.77 -4.08 4.24	31.92 -3.94 4.34	34.52 -4.07 4.63	32.64 -3.97 4.42	33.68 -4.06 2.32	35.97 -4.28 1.47	52.59 -4.12 -6.51	59.39 -4.51 -7.50	64.49 -5.35 -1.85	31.69 -2.87 -2.12	26.75 -1.99 -5.33	34.56 -3.09 0.28	43.30 -3.71 0.01
GOETHSLN___LBMP 323567	48.03 1.06 0.00	48.89 0.82 0.00	42.49 0.72 0.00	38.19 0.93 0.00	43.47 0.68 0.00	39.67 1.03 0.00	45.66 1.41 -3.01	54.77 2.03 -0.76	54.28 1.59 -14.10	50.64 2.02 -1.44	48.55 2.00 0.00	40.84 1.74 0.00	41.91 1.71 0.00	44.98 1.76 0.00	42.77 1.74 0.00	41.92 1.85 0.00	49.52 1.89 -5.92	90.28 2.36 -37.72	102.39 2.56 -43.43	81.69 3.00 -10.70	46.16 1.45 -12.27	65.10 1.01 -40.68	45.85 1.48 -6.45	48.87 1.57 -0.29
GOLAH___69_KV_TB 1_2 80279	45.04 -1.94 0.00	46.26 -1.81 0.00	40.00 -1.78 0.00	35.68 -1.58 0.00	41.31 -1.48 0.00	37.09 -1.55 0.00	39.67 -1.49 0.07	48.64 -2.11 1.23	37.45 -1.85 -0.70	44.09 -2.13 0.96	43.53 -1.97 1.05	36.51 -1.68 0.90	37.66 -1.62 0.92	40.62 -1.61 0.98	38.48 -1.62 0.94	37.87 -1.70 0.50	40.18 -1.86 -0.32	54.28 -1.41 -5.50	61.47 -1.26 -6.33	68.04 -1.51 -1.56	33.25 -0.98 -1.79	28.25 -0.71 -5.56	37.44 -1.12 -0.64	45.60 -1.44 -0.03

GOODYEAR_LAKE_HYD 323669	47.93 0.95 0.00	49.03 0.96 0.00	42.62 0.85 0.00	38.00 0.74 0.00	43.69 0.89 0.00	39.51 0.87 0.00	52.06 1.16 -9.67	56.00 1.59 -2.42	44.13 1.14 -4.40	49.10 1.47 -0.45	47.95 1.41 0.00	40.25 1.15 0.00	41.39 1.19 0.00	44.46 1.24 0.00	42.20 1.16 0.00	41.30 1.23 0.00	44.85 1.28 -1.85	63.70 1.73 -11.78	71.94 1.98 -13.56	73.72 2.39 -3.34	37.33 1.06 -3.83	36.89 0.78 -12.70	41.10 1.16 -2.01	48.40 1.30 -0.09
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	46.01 -0.96 0.00	47.14 -0.93 0.00	40.96 -0.82 0.00	36.54 -0.72 0.00	42.12 -0.67 0.00	38.04 -0.60 0.00	42.08 -0.52 -1.37	51.74 -0.58 -0.34	42.73 -0.52 -4.65	47.02 -0.63 -0.47	45.92 -0.63 0.00	38.59 -0.50 0.00	39.70 -0.51 0.00	42.75 -0.46 0.00	40.55 -0.48 0.00	39.73 -0.34 0.00	43.24 -0.43 -1.95	62.52 -0.12 -12.45	70.67 -0.07 -14.34	71.51 -0.02 -3.53	36.37 -0.11 -4.05	36.75 -0.09 -13.43	39.85 -0.21 -2.13	46.84 -0.27 -0.10
GOUDEY___7 23579	46.01 -0.96 0.00	47.14 -0.93 0.00	40.96 -0.82 0.00	36.54 -0.72 0.00	42.12 -0.67 0.00	38.04 -0.60 0.00	42.08 -0.52 -1.37	51.74 -0.58 -0.34	42.73 -0.52 -4.65	47.02 -0.63 -0.47	45.92 -0.63 0.00	38.59 -0.50 0.00	39.70 -0.51 0.00	42.75 -0.46 0.00	40.55 -0.48 0.00	39.73 -0.34 0.00	43.24 -0.43 -1.95	62.52 -0.12 -12.45	70.67 -0.07 -14.34	71.51 -0.02 -3.53	36.37 -0.11 -4.05	36.75 -0.09 -13.43	39.85 -0.21 -2.13	46.84 -0.27 -0.10
GOUDEY___8 23580	46.01 -0.96 0.00	47.14 -0.93 0.00	40.96 -0.82 0.00	36.54 -0.72 0.00	42.12 -0.67 0.00	38.04 -0.60 0.00	42.08 -0.52 -1.37	51.74 -0.58 -0.34	42.73 -0.52 -4.65	47.02 -0.63 -0.47	45.92 -0.63 0.00	38.59 -0.50 0.00	39.70 -0.51 0.00	42.75 -0.46 0.00	40.55 -0.48 0.00	39.73 -0.34 0.00	43.24 -0.43 -1.95	62.52 -0.12 -12.45	70.67 -0.07 -14.34	71.51 -0.02 -3.53	36.37 -0.11 -4.05	36.75 -0.09 -13.43	39.85 -0.21 -2.13	46.84 -0.27 -0.10
GOWANUS_GT1_1 24077	57.42 1.80 -8.64	56.32 1.51 -6.74	56.04 1.26 -13.00	56.02 1.43 -17.32	56.04 1.22 -12.02	56.43 1.62 -16.17	56.33 2.10 -13.00	64.96 2.93 -10.05	58.50 2.27 -17.64	57.92 2.91 -7.84	58.25 2.88 -8.83	63.32 2.52 -21.71	62.43 2.50 -19.73	62.83 2.62 -17.00	62.30 2.55 -18.72	68.44 2.62 -25.76	98.58 2.71 -54.16	103.66 3.15 -50.30	108.64 3.52 -48.72	116.07 4.21 -43.86	60.16 2.06 -25.66	74.31 1.46 -49.45	62.32 2.18 -22.21	65.12 2.39 -15.71
GOWANUS_GT1_2 24078	57.42 1.80 -8.64	56.32 1.51 -6.74	56.04 1.26 -13.00	56.02 1.43 -17.32	56.04 1.22 -12.02	56.43 1.62 -16.17	56.33 2.10 -13.00	64.96 2.93 -10.05	58.50 2.27 -17.64	57.92 2.91 -7.84	58.25 2.88 -8.83	63.32 2.52 -21.71	62.43 2.50 -19.73	62.83 2.62 -17.00	62.30 2.55 -18.72	68.44 2.62 -25.76	98.58 2.71 -54.16	103.66 3.15 -50.30	108.64 3.52 -48.72	116.07 4.21 -43.86	60.16 2.06 -25.66	74.31 1.46 -49.45	62.32 2.18 -22.21	65.12 2.39 -15.71
GOWANUS_GT1_3 24079	57.42 1.80 -8.64	56.32 1.51 -6.74	56.04 1.26 -13.00	56.02 1.43 -17.32	56.04 1.22 -12.02	56.43 1.62 -16.17	56.33 2.10 -13.00	64.96 2.93 -10.05	58.50 2.27 -17.64	57.92 2.91 -7.84	58.25 2.88 -8.83	63.32 2.52 -21.71	62.43 2.50 -19.73	62.83 2.62 -17.00	62.30 2.55 -18.72	68.44 2.62 -25.76	98.58 2.71 -54.16	103.66 3.15 -50.30	108.64 3.52 -48.72	116.07 4.21 -43.86	60.16 2.06 -25.66	74.31 1.46 -49.45	62.32 2.18 -22.21	65.12 2.39 -15.71
GOWANUS_GT1_4 24080	57.42 1.80 -8.64	56.32 1.51 -6.74	56.04 1.26 -13.00	56.02 1.43 -17.32	56.04 1.22 -12.02	56.43 1.62 -16.17	56.33 2.10 -13.00	64.96 2.93 -10.05	58.50 2.27 -17.64	57.92 2.91 -7.84	58.25 2.88 -8.83	63.32 2.52 -21.71	62.43 2.50 -19.73	62.83 2.62 -17.00	62.30 2.55 -18.72	68.44 2.62 -25.76	98.58 2.71 -54.16	103.66 3.15 -50.30	108.64 3.52 -48.72	116.07 4.21 -43.86	60.16 2.06 -25.66	74.31 1.46 -49.45	62.32 2.18 -22.21	65.12 2.39 -15.71
GOWANUS_GT1_5 24084	57.42 1.80 -8.64	56.32 1.51 -6.74	56.04 1.26 -13.00	56.02 1.43 -17.32	56.04 1.22 -12.02	56.43 1.62 -16.17	56.33 2.10 -13.00	64.96 2.93 -10.05	58.50 2.27 -17.64	57.92 2.91 -7.84	58.25 2.88 -8.83	63.32 2.52 -21.71	62.43 2.50 -19.73	62.83 2.62 -17.00	62.30 2.55 -18.72	68.44 2.62 -25.76	98.58 2.71 -54.16	103.66 3.15 -50.30	108.64 3.52 -48.72	116.07 4.21 -43.86	60.16 2.06 -25.66	74.31 1.46 -49.45	62.32 2.18 -22.21	65.12 2.39 -15.71
GOWANUS_GT1_6 24111	57.42 1.80 -8.64	56.32 1.51 -6.74	56.04 1.26 -13.00	56.02 1.43 -17.32	56.04 1.22 -12.02	56.43 1.62 -16.17	56.33 2.10 -13.00	64.96 2.93 -10.05	58.50 2.27 -17.64	57.92 2.91 -7.84	58.25 2.88 -8.83	63.32 2.52 -21.71	62.43 2.50 -19.73	62.83 2.62 -17.00	62.30 2.55 -18.72	68.44 2.62 -25.76	98.58 2.71 -54.16	103.66 3.15 -50.30	108.64 3.52 -48.72	116.07 4.21 -43.86	60.16 2.06 -25.66	74.31 1.46 -49.45	62.32 2.18 -22.21	65.12 2.39 -15.71
GOWANUS_GT1_7 24112	57.42 1.80 -8.64	56.32 1.51 -6.74	56.04 1.26 -13.00	56.02 1.43 -17.32	56.04 1.22 -12.02	56.43 1.62 -16.17	56.33 2.10 -13.00	64.96 2.93 -10.05	58.50 2.27 -17.64	57.92 2.91 -7.84	58.25 2.88 -8.83	63.32 2.52 -21.71	62.43 2.50 -19.73	62.83 2.62 -17.00	62.30 2.55 -18.72	68.44 2.62 -25.76	98.58 2.71 -54.16	103.66 3.15 -50.30	108.64 3.52 -48.72	116.07 4.21 -43.86	60.16 2.06 -25.66	74.31 1.46 -49.45	62.32 2.18 -22.21	65.12 2.39 -15.71
GOWANUS_GT1_8 24113	57.42 1.80 -8.64	56.32 1.51 -6.74	56.04 1.26 -13.00	56.02 1.43 -17.32	56.04 1.22 -12.02	56.43 1.62 -16.17	56.33 2.10 -13.00	64.96 2.93 -10.05	58.50 2.27 -17.64	57.92 2.91 -7.84	58.25 2.88 -8.83	63.32 2.52 -21.71	62.43 2.50 -19.73	62.83 2.62 -17.00	62.30 2.55 -18.72	68.44 2.62 -25.76	98.58 2.71 -54.16	103.66 3.15 -50.30	108.64 3.52 -48.72	116.07 4.21 -43.86	60.16 2.06 -25.66	74.31 1.46 -49.45	62.32 2.18 -22.21	65.12 2.39 -15.71
GOWANUS_GT2_1 24114	57.42 1.80 -8.64	56.32 1.51 -6.74	56.04 1.26 -13.00	56.01 1.43 -17.32	56.04 1.22 -12.02	56.43 1.62 -16.17	56.34 2.10 -13.00	64.92 2.89 -10.05	58.51 2.29 -17.64	57.91 2.90 -7.84	58.25 2.87 -8.83	63.31 2.51 -21.71	62.42 2.49 -19.73	62.83 2.62 -17.00	62.30 2.54 -18.72	68.44 2.61 -25.76	98.59 2.72 -54.16	103.67 3.17 -50.30	108.65 3.53 -48.72	116.10 4.24 -43.86	60.18 2.08 -25.66	74.31 1.46 -49.45	62.33 2.19 -22.21	65.13 2.40 -15.71
GOWANUS_GT2_2 24115	57.42 1.80 -8.64	56.32 1.51 -6.74	56.04 1.26 -13.00	56.01 1.43 -17.32	56.04 1.22 -12.02	56.43 1.62 -16.17	56.34 2.10 -13.00	64.92 2.89 -10.05	58.51 2.29 -17.64	57.91 2.90 -7.84	58.25 2.87 -8.83	63.31 2.51 -21.71	62.42 2.49 -19.73	62.83 2.62 -17.00	62.30 2.54 -18.72	68.44 2.61 -25.76	98.59 2.72 -54.16	103.67 3.17 -50.30	108.65 3.53 -48.72	116.10 4.24 -43.86	60.18 2.08 -25.66	74.31 1.46 -49.45	62.33 2.19 -22.21	65.13 2.40 -15.71
GOWANUS_GT2_3 24116	57.42 1.80 -8.64	56.32 1.51 -6.74	56.04 1.26 -13.00	56.01 1.43 -17.32	56.04 1.22 -12.02	56.43 1.62 -16.17	56.34 2.10 -13.00	64.92 2.89 -10.05	58.51 2.29 -17.64	57.91 2.90 -7.84	58.25 2.87 -8.83	63.31 2.51 -21.71	62.42 2.49 -19.73	62.83 2.62 -17.00	62.30 2.54 -18.72	68.44 2.61 -25.76	98.59 2.72 -54.16	103.67 3.17 -50.30	108.65 3.53 -48.72	116.10 4.24 -43.86	60.18 2.08 -25.66	74.31 1.46 -49.45	62.33 2.19 -22.21	65.13 2.40 -15.71

GOWANUS_GT2_4 24117	57.42 1.80 -8.64	56.32 1.51 -6.74	56.04 1.26 -13.00	56.01 1.43 -17.32	56.04 1.22 -12.02	56.43 1.62 -16.17	56.34 2.10 -13.00	64.92 2.89 -10.05	58.51 2.29 -17.64	57.91 2.90 -7.84	58.25 2.87 -8.83	63.31 2.51 -21.71	62.42 2.49 -19.73	62.83 2.62 -17.00	62.30 2.54 -18.72	68.44 2.61 -25.76	98.59 2.72 -54.16	103.67 3.17 -50.30	108.65 3.53 -48.72	116.10 4.24 -43.86	60.18 2.08 -25.66	74.31 1.46 -49.45	62.33 2.19 -22.21	65.13 2.40 -15.71
GOWANUS_GT2_5 24118	57.42 1.80 -8.64	56.32 1.51 -6.74	56.04 1.26 -13.00	56.01 1.43 -17.32	56.04 1.22 -12.02	56.43 1.62 -16.17	56.34 2.10 -13.00	64.92 2.89 -10.05	58.51 2.29 -17.64	57.91 2.90 -7.84	58.25 2.87 -8.83	63.31 2.51 -21.71	62.42 2.49 -19.73	62.83 2.62 -17.00	62.30 2.54 -18.72	68.44 2.61 -25.76	98.59 2.72 -54.16	103.67 3.17 -50.30	108.65 3.53 -48.72	116.10 4.24 -43.86	60.18 2.08 -25.66	74.31 1.46 -49.45	62.33 2.19 -22.21	65.13 2.40 -15.71
GOWANUS_GT2_6 24119	57.42 1.80 -8.64	56.32 1.51 -6.74	56.04 1.26 -13.00	56.01 1.43 -17.32	56.04 1.22 -12.02	56.43 1.62 -16.17	56.34 2.10 -13.00	64.92 2.89 -10.05	58.51 2.29 -17.64	57.91 2.90 -7.84	58.25 2.87 -8.83	63.31 2.51 -21.71	62.42 2.49 -19.73	62.83 2.62 -17.00	62.30 2.54 -18.72	68.44 2.61 -25.76	98.59 2.72 -54.16	103.67 3.17 -50.30	108.65 3.53 -48.72	116.10 4.24 -43.86	60.18 2.08 -25.66	74.31 1.46 -49.45	62.33 2.19 -22.21	65.13 2.40 -15.71
GOWANUS_GT2_7 24120	57.42 1.80 -8.64	56.32 1.51 -6.74	56.04 1.26 -13.00	56.01 1.43 -17.32	56.04 1.22 -12.02	56.43 1.62 -16.17	56.34 2.10 -13.00	64.92 2.89 -10.05	58.51 2.29 -17.64	57.91 2.90 -7.84	58.25 2.87 -8.83	63.31 2.51 -21.71	62.42 2.49 -19.73	62.83 2.62 -17.00	62.30 2.54 -18.72	68.44 2.61 -25.76	98.59 2.72 -54.16	103.67 3.17 -50.30	108.65 3.53 -48.72	116.10 4.24 -43.86	60.18 2.08 -25.66	74.31 1.46 -49.45	62.33 2.19 -22.21	65.13 2.40 -15.71
GOWANUS_GT2_8 24121	57.42 1.80 -8.64	56.32 1.51 -6.74	56.04 1.26 -13.00	56.01 1.43 -17.32	56.04 1.22 -12.02	56.43 1.62 -16.17	56.34 2.10 -13.00	64.92 2.89 -10.05	58.51 2.29 -17.64	57.91 2.90 -7.84	58.25 2.87 -8.83	63.31 2.51 -21.71	62.42 2.49 -19.73	62.83 2.62 -17.00	62.30 2.54 -18.72	68.44 2.61 -25.76	98.59 2.72 -54.16	103.67 3.17 -50.30	108.65 3.53 -48.72	116.10 4.24 -43.86	60.18 2.08 -25.66	74.31 1.46 -49.45	62.33 2.19 -22.21	65.13 2.40 -15.71
GOWANUS_GT3_1 24122	57.42 1.80 -8.64	56.32 1.51 -6.74	56.04 1.26 -13.00	56.01 1.43 -17.32	56.04 1.22 -12.02	56.43 1.62 -16.17	56.34 2.10 -13.00	64.92 2.89 -10.05	58.51 2.29 -17.64	57.90 2.88 -7.84	58.24 2.87 -8.83	63.31 2.51 -21.71	62.42 2.49 -19.73	62.82 2.61 -17.00	62.29 2.53 -18.72	68.43 2.61 -25.76	98.58 2.71 -54.16	103.66 3.16 -50.30	108.64 3.52 -48.72	116.09 4.23 -43.86	60.17 2.07 -25.66	74.31 1.45 -49.45	62.32 2.18 -22.21	65.12 2.39 -15.71
GOWANUS_GT3_2 24123	57.42 1.80 -8.64	56.32 1.51 -6.74	56.04 1.26 -13.00	56.01 1.43 -17.32	56.04 1.22 -12.02	56.43 1.62 -16.17	56.34 2.10 -13.00	64.92 2.89 -10.05	58.51 2.29 -17.64	57.90 2.88 -7.84	58.24 2.87 -8.83	63.31 2.51 -21.71	62.42 2.49 -19.73	62.82 2.61 -17.00	62.29 2.53 -18.72	68.43 2.61 -25.76	98.58 2.71 -54.16	103.66 3.16 -50.30	108.64 3.52 -48.72	116.09 4.23 -43.86	60.17 2.07 -25.66	74.31 1.45 -49.45	62.32 2.18 -22.21	65.12 2.39 -15.71
GOWANUS_GT3_3 24124	57.42 1.80 -8.64	56.32 1.51 -6.74	56.04 1.26 -13.00	56.01 1.43 -17.32	56.04 1.22 -12.02	56.43 1.62 -16.17	56.34 2.10 -13.00	64.92 2.89 -10.05	58.51 2.29 -17.64	57.90 2.88 -7.84	58.24 2.87 -8.83	63.31 2.51 -21.71	62.42 2.49 -19.73	62.82 2.61 -17.00	62.29 2.53 -18.72	68.43 2.61 -25.76	98.58 2.71 -54.16	103.66 3.16 -50.30	108.64 3.52 -48.72	116.09 4.23 -43.86	60.17 2.07 -25.66	74.31 1.45 -49.45	62.32 2.18 -22.21	65.12 2.39 -15.71
GOWANUS_GT3_4 24125	57.42 1.80 -8.64	56.32 1.51 -6.74	56.04 1.26 -13.00	56.01 1.43 -17.32	56.04 1.22 -12.02	56.43 1.62 -16.17	56.34 2.10 -13.00	64.92 2.89 -10.05	58.51 2.29 -17.64	57.90 2.88 -7.84	58.24 2.87 -8.83	63.31 2.51 -21.71	62.42 2.49 -19.73	62.82 2.61 -17.00	62.29 2.53 -18.72	68.43 2.61 -25.76	98.58 2.71 -54.16	103.66 3.16 -50.30	108.64 3.52 -48.72	116.09 4.23 -43.86	60.17 2.07 -25.66	74.31 1.45 -49.45	62.32 2.18 -22.21	65.12 2.39 -15.71
GOWANUS_GT3_5 24126	57.42 1.80 -8.64	56.32 1.51 -6.74	56.04 1.26 -13.00	56.01 1.43 -17.32	56.04 1.22 -12.02	56.43 1.62 -16.17	56.34 2.10 -13.00	64.92 2.89 -10.05	58.51 2.29 -17.64	57.90 2.88 -7.84	58.24 2.87 -8.83	63.31 2.51 -21.71	62.42 2.49 -19.73	62.82 2.61 -17.00	62.29 2.53 -18.72	68.43 2.61 -25.76	98.58 2.71 -54.16	103.66 3.16 -50.30	108.64 3.52 -48.72	116.09 4.23 -43.86	60.17 2.07 -25.66	74.31 1.45 -49.45	62.32 2.18 -22.21	65.12 2.39 -15.71
GOWANUS_GT3_6 24127	57.42 1.80 -8.64	56.32 1.51 -6.74	56.04 1.26 -13.00	56.01 1.43 -17.32	56.04 1.22 -12.02	56.43 1.62 -16.17	56.34 2.10 -13.00	64.92 2.89 -10.05	58.51 2.29 -17.64	57.90 2.88 -7.84	58.24 2.87 -8.83	63.31 2.51 -21.71	62.42 2.49 -19.73	62.82 2.61 -17.00	62.29 2.53 -18.72	68.43 2.61 -25.76	98.58 2.71 -54.16	103.66 3.16 -50.30	108.64 3.52 -48.72	116.09 4.23 -43.86	60.17 2.07 -25.66	74.31 1.45 -49.45	62.32 2.18 -22.21	65.12 2.39 -15.71
GOWANUS_GT3_7 24128	57.42 1.80 -8.64	56.32 1.51 -6.74	56.04 1.26 -13.00	56.01 1.43 -17.32	56.04 1.22 -12.02	56.43 1.62 -16.17	56.34 2.10 -13.00	64.92 2.89 -10.05	58.51 2.29 -17.64	57.90 2.88 -7.84	58.24 2.87 -8.83	63.31 2.51 -21.71	62.42 2.49 -19.73	62.82 2.61 -17.00	62.29 2.53 -18.72	68.43 2.61 -25.76	98.58 2.71 -54.16	103.66 3.16 -50.30	108.64 3.52 -48.72	116.09 4.23 -43.86	60.17 2.07 -25.66	74.31 1.45 -49.45	62.32 2.18 -22.21	65.12 2.39 -15.71
GOWANUS_GT3_8 24129	57.42 1.80 -8.64	56.32 1.51 -6.74	56.04 1.26 -13.00	56.01 1.43 -17.32	56.04 1.22 -12.02	56.43 1.62 -16.17	56.34 2.10 -13.00	64.92 2.89 -10.05	58.51 2.29 -17.64	57.90 2.88 -7.84	58.24 2.87 -8.83	63.31 2.51 -21.71	62.42 2.49 -19.73	62.82 2.61 -17.00	62.29 2.53 -18.72	68.43 2.61 -25.76	98.58 2.71 -54.16	103.66 3.16 -50.30	108.64 3.52 -48.72	116.09 4.23 -43.86	60.17 2.07 -25.66	74.31 1.45 -49.45	62.32 2.18 -22.21	65.12 2.39 -15.71
GOWANUS_GT4_1 24130	57.42 1.80 -8.64	56.32 1.51 -6.74	56.04 1.26 -13.00	56.02 1.43 -17.32	56.04 1.22 -12.02	56.43 1.62 -16.17	56.33 2.10 -13.00	64.96 2.93 -10.05	58.50 2.27 -17.64	57.93 2.91 -7.84	58.26 2.88 -8.83	63.32 2.52 -21.71	62.43 2.50 -19.73	62.84 2.63 -17.00	62.30 2.55 -18.72	68.45 2.63 -25.76	98.59 2.72 -54.16	103.68 3.17 -50.30	108.65 3.53 -48.72	116.09 4.23 -43.86	60.18 2.08 -25.66	74.32 1.46 -49.45	62.33 2.19 -22.21	65.13 2.40 -15.71
GOWANUS_GT4_2 24131	57.42 1.80 -8.64	56.32 1.51 -6.74	56.04 1.26 -13.00	56.02 1.43 -17.32	56.04 1.22 -12.02	56.43 1.62 -16.17	56.33 2.10 -13.00	64.96 2.93 -10.05	58.50 2.27 -17.64	57.93 2.91 -7.84	58.26 2.88 -8.83	63.32 2.52 -21.71	62.43 2.50 -19.73	62.84 2.63 -17.00	62.30 2.55 -18.72	68.45 2.63 -25.76	98.59 2.72 -54.16	103.68 3.17 -50.30	108.65 3.53 -48.72	116.09 4.23 -43.86	60.18 2.08 -25.66	74.32 1.46 -49.45	62.33 2.19 -22.21	65.13 2.40 -15.71

GOWANUS_GT4_3 24132	57.42 1.80 -8.64	56.32 1.51 -6.74	56.04 1.26 -13.00	56.02 1.43 -17.32	56.04 1.22 -12.02	56.43 1.62 -16.17	56.33 2.10 -13.00	64.96 2.93 -10.05	58.50 2.27 -17.64	57.93 2.91 -7.84	58.26 2.88 -8.83	63.32 2.52 -21.71	62.43 2.50 -19.73	62.84 2.63 -17.00	62.30 2.55 -18.72	68.45 2.63 -25.76	98.59 2.72 -54.16	103.68 3.17 -50.30	108.65 3.53 -48.72	116.09 4.23 -43.86	60.18 2.08 -25.66	74.32 1.46 -49.45	62.33 2.19 -22.21	65.13 2.40 -15.71
GOWANUS_GT4_4 24133	57.42 1.80 -8.64	56.32 1.51 -6.74	56.04 1.26 -13.00	56.02 1.43 -17.32	56.04 1.22 -12.02	56.43 1.62 -16.17	56.33 2.10 -13.00	64.96 2.93 -10.05	58.50 2.27 -17.64	57.93 2.91 -7.84	58.26 2.88 -8.83	63.32 2.52 -21.71	62.43 2.50 -19.73	62.84 2.63 -17.00	62.30 2.55 -18.72	68.45 2.63 -25.76	98.59 2.72 -54.16	103.68 3.17 -50.30	108.65 3.53 -48.72	116.09 4.23 -43.86	60.18 2.08 -25.66	74.32 1.46 -49.45	62.33 2.19 -22.21	65.13 2.40 -15.71
GOWANUS_GT4_5 24134	57.42 1.80 -8.64	56.32 1.51 -6.74	56.04 1.26 -13.00	56.02 1.43 -17.32	56.04 1.22 -12.02	56.43 1.62 -16.17	56.33 2.10 -13.00	64.96 2.93 -10.05	58.50 2.27 -17.64	57.93 2.91 -7.84	58.26 2.88 -8.83	63.32 2.52 -21.71	62.43 2.50 -19.73	62.84 2.63 -17.00	62.30 2.55 -18.72	68.45 2.63 -25.76	98.59 2.72 -54.16	103.68 3.17 -50.30	108.65 3.53 -48.72	116.09 4.23 -43.86	60.18 2.08 -25.66	74.32 1.46 -49.45	62.33 2.19 -22.21	65.13 2.40 -15.71
GOWANUS_GT4_6 24135	57.42 1.80 -8.64	56.32 1.51 -6.74	56.04 1.26 -13.00	56.02 1.43 -17.32	56.04 1.22 -12.02	56.43 1.62 -16.17	56.33 2.10 -13.00	64.96 2.93 -10.05	58.50 2.27 -17.64	57.93 2.91 -7.84	58.26 2.88 -8.83	63.32 2.52 -21.71	62.43 2.50 -19.73	62.84 2.63 -17.00	62.30 2.55 -18.72	68.45 2.63 -25.76	98.59 2.72 -54.16	103.68 3.17 -50.30	108.65 3.53 -48.72	116.09 4.23 -43.86	60.18 2.08 -25.66	74.32 1.46 -49.45	62.33 2.19 -22.21	65.13 2.40 -15.71
GOWANUS_GT4_7 24136	57.42 1.80 -8.64	56.32 1.51 -6.74	56.04 1.26 -13.00	56.02 1.43 -17.32	56.04 1.22 -12.02	56.43 1.62 -16.17	56.33 2.10 -13.00	64.96 2.93 -10.05	58.50 2.27 -17.64	57.93 2.91 -7.84	58.26 2.88 -8.83	63.32 2.52 -21.71	62.43 2.50 -19.73	62.84 2.63 -17.00	62.30 2.55 -18.72	68.45 2.63 -25.76	98.59 2.72 -54.16	103.68 3.17 -50.30	108.65 3.53 -48.72	116.09 4.23 -43.86	60.18 2.08 -25.66	74.32 1.46 -49.45	62.33 2.19 -22.21	65.13 2.40 -15.71
GOWANUS_GT4_8 24137	57.42 1.80 -8.64	56.32 1.51 -6.74	56.04 1.26 -13.00	56.02 1.43 -17.32	56.04 1.22 -12.02	56.43 1.62 -16.17	56.33 2.10 -13.00	64.96 2.93 -10.05	58.50 2.27 -17.64	57.93 2.91 -7.84	58.26 2.88 -8.83	63.32 2.52 -21.71	62.43 2.50 -19.73	62.84 2.63 -17.00	62.30 2.55 -18.72	68.45 2.63 -25.76	98.59 2.72 -54.16	103.68 3.17 -50.30	108.65 3.53 -48.72	116.09 4.23 -43.86	60.18 2.08 -25.66	74.32 1.46 -49.45	62.33 2.19 -22.21	65.13 2.40 -15.71
GREENBSH_115KV_TB3 55895	48.51 1.53 0.00	49.60 1.53 0.00	43.15 1.37 0.00	38.53 1.27 0.00	44.18 1.39 0.00	39.99 1.35 0.00	56.94 1.55 -14.16	57.50 1.98 -3.55	57.06 1.43 -17.04	50.64 1.73 -1.73	48.19 1.64 0.00	40.38 1.29 0.00	41.52 1.32 0.00	44.60 1.39 0.00	42.38 1.35 0.00	41.47 1.41 0.00	50.39 1.53 -7.15	97.59 1.82 -45.57	110.94 2.07 -52.47	83.32 2.41 -12.92	48.36 1.10 -14.82	73.35 0.79 -49.15	47.00 1.29 -7.78	48.89 1.53 -0.35
GREENIDGE_115KV_TB5 80291	45.22 -1.76 0.00	46.41 -1.66 0.00	40.26 -1.51 0.00	35.97 -1.29 0.00	41.65 -1.15 0.00	37.54 -1.10 0.00	41.65 -0.99 -1.40	61.18 -1.49 -10.68	52.05 -1.09 -14.55	56.12 -1.36 -10.30	54.20 -1.31 -8.96	45.68 -1.11 -7.69	46.92 -1.16 -7.87	50.43 -1.18 -8.40	47.86 -1.20 -8.03	43.21 -1.10 -4.24	46.44 -1.17 -5.88	57.56 -0.71 -8.08	65.28 -0.42 -9.30	69.79 -0.49 -2.29	34.70 -0.37 -2.63	34.92 -0.33 -11.85	41.22 -0.66 -3.96	46.18 -1.00 -0.17
GREENIDGE___3 23582	45.22 -1.76 0.00	46.41 -1.66 0.00	40.26 -1.51 0.00	35.97 -1.29 0.00	41.65 -1.15 0.00	37.54 -1.10 0.00	41.65 -0.99 -1.40	61.18 -1.49 -10.68	52.05 -1.09 -14.55	56.12 -1.36 -10.30	54.20 -1.31 -8.96	45.68 -1.11 -7.69	46.92 -1.16 -7.87	50.43 -1.18 -8.40	47.86 -1.20 -8.03	43.21 -1.10 -4.24	46.44 -1.17 -5.88	57.56 -0.71 -8.08	65.28 -0.42 -9.30	69.79 -0.49 -2.29	34.70 -0.37 -2.63	34.92 -0.33 -11.85	41.22 -0.66 -3.96	46.18 -1.00 -0.17
GREENIDGE___4 23583	45.22 -1.75 0.00	46.41 -1.66 0.00	40.26 -1.51 0.00	35.97 -1.29 0.00	41.65 -1.15 0.00	37.54 -1.10 0.00	41.65 -0.98 -1.40	61.17 -1.50 -10.68	52.03 -1.12 -14.55	56.12 -1.35 -10.30	54.21 -1.29 -8.96	45.69 -1.10 -7.69	46.94 -1.14 -7.87	50.45 -1.16 -8.40	47.87 -1.19 -8.03	43.21 -1.10 -4.24	46.45 -1.15 -5.88	57.57 -0.70 -8.08	65.28 -0.43 -9.30	69.79 -0.49 -2.29	34.69 -0.37 -2.63	34.93 -0.33 -11.85	41.24 -0.66 -3.96	46.18 -1.00 -0.17
GREENLWN_69_KV_BK 3 55738	48.67 1.69 0.00	49.80 1.73 0.00	43.18 1.41 0.00	38.71 1.45 0.00	44.11 1.31 0.00	40.16 1.52 0.00	46.08 1.83 -3.01	55.38 2.65 -0.75	54.76 2.08 -14.10	50.83 2.21 -1.44	48.71 2.17 0.00	41.13 2.04 0.00	42.13 1.93 0.00	45.40 2.18 0.00	42.92 1.89 0.00	41.91 1.84 0.00	49.71 2.08 -5.91	90.65 2.74 -37.72	102.54 2.72 -43.42	81.83 3.14 -10.70	46.27 1.57 -12.27	65.22 1.14 -40.68	45.91 1.54 -6.45	49.34 2.03 -0.29
GREENWD_138_KV_38B11_REV_LBMP_J 345004	57.42 1.80 -8.64	56.32 1.51 -6.74	56.04 1.26 -13.00	56.02 1.43 -17.32	56.04 1.22 -12.02	56.43 1.62 -16.17	56.33 2.10 -13.00	64.96 2.93 -10.05	58.50 2.27 -17.64	57.93 2.91 -7.84	58.26 2.88 -8.83	63.32 2.52 -21.71	62.43 2.50 -19.73	62.84 2.63 -17.00	62.30 2.55 -18.72	68.45 2.63 -25.76	98.59 2.72 -54.16	103.68 3.17 -50.30	108.65 3.53 -48.72	116.09 4.23 -43.86	60.18 2.08 -25.66	74.32 1.46 -49.45	62.33 2.19 -22.21	65.13 2.40 -15.71
GRISSOM___SOLAR 323813	49.43 2.45 0.00	50.51 2.44 0.00	43.87 2.10 0.00	39.05 1.80 0.00	44.98 2.18 0.00	40.68 2.04 0.00	75.45 2.37 -31.84	63.05 3.10 -7.97	59.74 2.23 -18.91	51.89 2.78 -1.93	49.09 2.54 0.00	41.01 1.91 0.00	42.00 1.80 0.00	45.39 2.18 0.00	43.13 2.10 0.00	42.17 2.10 0.00	51.95 2.30 -7.94	103.93 3.13 -50.60	118.18 3.53 -58.26	86.50 4.15 -14.35	50.79 1.89 -16.46	79.36 1.39 -54.57	48.72 2.16 -8.64	49.87 2.46 -0.39
GROVEVILLE___HYD 323602	48.71 1.73 0.00	49.65 1.58 0.00	43.18 1.40 0.00	38.70 1.44 0.00	44.23 1.44 0.00	40.24 1.61 0.00	46.32 2.03 -3.06	55.54 2.79 -0.77	54.77 2.09 -14.09	51.17 2.56 -1.44	49.03 2.48 0.00	41.20 2.11 0.00	42.30 2.10 0.00	45.42 2.21 0.00	43.13 2.10 0.00	42.23 2.17 0.00	49.91 2.31 -5.89	90.65 2.89 -37.56	102.87 3.22 -43.25	82.43 3.79 -10.65	46.42 1.76 -12.22	65.15 1.23 -40.51	46.18 1.83 -6.42	49.38 2.07 -0.29
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	46.15 -0.83 0.00	47.24 -0.83 0.00	41.06 -0.71 0.00	36.63 -0.63 0.00	42.20 -0.59 0.00	38.09 -0.55 0.00	40.72 -0.51 0.00	51.33 -0.66 0.00	39.72 -0.61 -1.74	46.56 -0.79 -0.18	45.83 -0.71 0.00	38.49 -0.61 0.00	39.61 -0.59 0.00	42.59 -0.63 0.00	40.40 -0.64 0.00	39.49 -0.58 0.00	41.88 -0.57 -0.73	54.44 -0.42 -4.67	61.36 -0.41 -5.37	68.82 -0.49 -1.32	33.63 -0.33 -1.52	28.23 -0.21 -5.03	38.43 -0.29 -0.80	46.64 -0.41 -0.04

HAMLTNNY_34_KV_TB 80303	46.33 -0.65 0.00	47.41 -0.66 0.00	41.20 -0.58 0.00	36.77 -0.49 0.00	42.37 -0.42 0.00	38.25 -0.39 0.00	40.94 -0.29 0.00	51.60 -0.38 0.00	40.07 -0.34 -1.82	46.90 -0.46 -0.18	46.16 -0.39 0.00	38.78 -0.32 0.00	39.87 -0.34 0.00	42.81 -0.40 0.00	40.61 -0.42 0.00	39.42 -0.64 0.00	41.79 -0.70 -0.76	54.57 -0.50 -4.87	61.54 -0.47 -5.61	68.81 -0.57 -1.38	33.65 -0.37 -1.59	28.41 -0.25 -5.26	38.41 -0.35 -0.83	46.58 -0.47 -0.04
HAMPSHIRE___PAPER_HYD 323593	50.74 3.76 0.00	51.54 3.47 0.00	44.82 3.04 0.00	40.01 2.75 0.00	46.47 3.67 0.00	41.95 3.31 0.00	45.34 4.11 0.00	57.32 5.33 0.00	42.33 3.06 -0.68	50.11 2.86 -0.07	50.00 3.46 0.00	41.76 2.66 0.00	42.90 2.70 0.00	46.53 3.32 0.00	43.57 2.54 0.00	41.83 1.77 0.00	44.00 2.00 -0.29	54.97 2.35 -2.42	62.38 2.63 -3.36	71.62 2.49 -1.14	34.43 1.01 -0.98	26.31 0.93 -1.97	40.40 2.17 -0.31	49.25 2.23 -0.01
HARDSCRABBLE_WT_PWR 323673	47.43 0.45 0.00	48.48 0.41 0.00	42.18 0.40 0.00	37.61 0.35 0.00	43.12 0.33 0.00	39.08 0.44 0.00	41.83 0.60 0.00	52.64 0.66 0.00	39.29 0.47 -0.23	47.91 0.71 -0.02	46.98 0.43 0.00	39.18 0.08 0.00	40.23 0.03 0.00	43.38 0.16 0.00	41.12 0.09 0.00	40.32 0.26 0.00	42.06 0.24 -0.10	51.15 0.34 -0.62	57.55 0.44 -0.71	68.70 0.54 -0.18	32.81 0.17 -0.20	24.27 0.19 -0.67	38.33 0.29 -0.11	47.33 0.31 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	48.26 1.28 0.00	49.16 1.10 0.00	42.70 0.92 0.00	38.23 0.97 0.00	43.70 0.91 0.00	39.78 1.14 0.00	45.51 1.51 -2.77	54.81 2.14 -0.69	53.26 1.60 -13.07	50.46 1.96 -1.33	48.48 1.93 0.00	40.70 1.60 0.00	41.79 1.59 0.00	44.91 1.69 0.00	42.70 1.67 0.00	41.82 1.76 0.00	49.07 1.86 -5.49	87.54 2.35 -35.00	99.31 2.61 -40.29	80.98 3.06 -9.93	45.26 1.44 -11.38	62.15 1.01 -37.74	45.38 1.47 -5.98	48.92 1.64 -0.27
HARSNRAD_115KV_TB1 81005	43.38 -3.60 0.00	44.68 -3.39 0.00	38.55 -3.23 0.00	34.38 -2.88 0.00	39.96 -2.84 0.00	35.64 -3.00 0.00	37.73 -3.11 0.40	40.16 -4.55 7.28	29.21 -3.79 5.59	35.99 -4.50 6.70	36.07 -4.26 6.22	30.20 -3.55 5.35	31.31 -3.42 5.47	33.84 -3.53 5.84	32.03 -3.43 5.58	33.70 -3.43 2.93	35.82 -3.74 2.15	53.26 -3.41 -6.47	60.36 -3.49 -7.45	65.71 -4.12 -1.84	32.25 -2.29 -2.10	26.57 -1.66 -4.83	34.68 -2.58 0.66	43.95 -3.04 0.02
HARZA MOOSE___RIVER 24016	48.29 1.31 0.00	49.08 1.01 0.00	42.75 0.97 0.00	38.22 0.96 0.00	44.24 1.45 0.00	40.09 1.45 0.00	43.15 1.92 0.00	54.67 2.69 0.00	40.57 1.32 -0.67	48.33 1.08 -0.07	47.89 1.34 0.00	40.14 1.05 0.00	41.21 1.01 0.00	44.28 1.07 0.00	41.89 0.85 0.00	40.98 0.92 0.00	43.40 1.40 -0.28	53.91 1.93 -1.78	60.40 1.95 -2.05	70.16 1.67 -0.51	33.60 0.58 -0.58	25.75 0.43 -1.92	39.05 0.82 -0.30	47.85 0.82 -0.01
HDSNBRDG_115KV_BRDG_TB1 355580	45.64 -1.33 0.00	46.71 -1.35 0.00	40.59 -1.19 0.00	36.22 -1.04 0.00	41.72 -1.07 0.00	37.64 -1.00 0.00	40.21 -1.03 0.00	50.66 -1.32 0.00	39.12 -1.07 -1.60	46.01 -1.34 -0.16	45.27 -1.27 0.00	38.02 -1.08 0.00	39.13 -1.07 0.00	42.08 -1.14 0.00	39.95 -1.09 0.00	39.04 -1.03 0.00	41.35 -1.04 -0.67	53.47 -1.02 -4.29	60.28 -1.06 -4.94	67.91 -1.30 -1.22	33.13 -0.70 -1.40	27.57 -0.46 -4.63	37.98 -0.68 -0.73	46.17 -0.88 -0.03
HELLGATE_13_KV_LD 55870	48.42 1.44 0.00	49.28 1.21 0.00	42.81 1.03 0.00	38.50 1.24 0.00	43.77 0.97 0.00	39.99 1.36 0.00	46.05 1.80 -3.01	55.29 2.55 -0.76	54.71 2.02 -14.10	51.18 2.56 -1.44	49.09 2.54 0.00	41.32 2.22 -0.01	42.41 2.20 -0.01	45.52 2.30 -0.01	43.27 2.23 -0.01	42.39 2.32 -0.01	50.05 2.41 -5.92	90.85 2.92 -37.73	103.02 3.19 -43.44	82.48 3.79 -10.70	46.52 1.82 -12.27	65.37 1.28 -40.69	46.25 1.88 -6.45	49.35 2.04 -0.29
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	48.42 1.44 0.00	49.28 1.21 0.00	42.81 1.03 0.00	38.50 1.24 0.00	43.77 0.97 0.00	39.99 1.36 0.00	46.05 1.80 -3.01	55.29 2.55 -0.76	54.71 2.02 -14.10	51.18 2.56 -1.44	49.09 2.54 0.00	41.32 2.22 -0.01	42.41 2.20 -0.01	45.52 2.30 -0.01	43.27 2.23 -0.01	42.39 2.32 -0.01	50.05 2.41 -5.92	90.85 2.92 -37.73	103.02 3.19 -43.44	82.48 3.79 -10.70	46.52 1.82 -12.27	65.37 1.28 -40.69	46.25 1.88 -6.45	49.35 2.04 -0.29
HEMPSTEAD____ 23647	48.66 1.68 0.00	49.70 1.63 0.00	43.11 1.34 0.00	38.65 1.39 0.00	44.09 1.29 0.00	40.15 1.52 0.00	46.13 1.89 -3.01	55.41 2.68 -0.75	54.79 2.11 -14.10	50.95 2.34 -1.44	48.78 2.23 0.00	41.14 2.05 0.00	42.18 1.98 0.00	45.47 2.25 0.00	43.06 2.02 0.00	42.06 1.99 0.00	49.92 2.29 -5.91	90.86 2.95 -37.72	102.93 3.10 -43.42	82.32 3.63 -10.70	46.47 1.77 -12.27	65.35 1.27 -40.68	46.15 1.78 -6.45	49.51 2.21 -0.29
HEWLETT_69_KV_BK3 55828	49.03 2.05 0.00	50.04 1.97 0.00	43.41 1.63 0.00	38.92 1.66 0.00	44.40 1.61 0.00	40.43 1.79 0.00	46.46 2.21 -3.01	55.80 3.06 -0.75	55.04 2.35 -14.10	51.30 2.68 -1.44	49.19 2.64 0.00	41.51 2.42 0.00	42.58 2.38 0.00	45.89 2.68 0.00	43.42 2.39 0.00	42.42 2.35 0.00	50.28 2.65 -5.91	91.25 3.34 -37.72	103.30 3.47 -43.42	82.77 4.08 -10.70	46.70 1.99 -12.27	65.50 1.42 -40.68	46.39 2.01 -6.45	49.77 2.47 -0.29
HICKLING___1 23621	44.68 -2.30 0.00	45.87 -2.21 0.00	39.81 -1.96 0.00	35.56 -1.70 0.00	41.24 -1.55 0.00	37.20 -1.44 0.00	41.04 -1.41 -1.21	53.92 -1.71 -3.65	44.70 -1.37 -7.48	49.11 -1.68 -3.62	47.74 -1.70 -2.90	40.19 -1.40 -2.49	41.31 -1.44 -2.55	44.52 -1.41 -2.72	42.23 -1.41 -2.60	40.25 -1.19 -1.38	43.42 -1.37 -3.07	59.33 -0.90 -10.03	67.23 -0.72 -11.55	70.24 -0.60 -2.84	35.24 -0.46 -3.26	34.84 -0.40 -11.83	39.66 -0.82 -2.55	45.99 -1.13 -0.11
HICKLING___2 23622	44.68 -2.30 0.00	45.87 -2.21 0.00	39.81 -1.96 0.00	35.56 -1.70 0.00	41.24 -1.55 0.00	37.20 -1.44 0.00	41.04 -1.41 -1.21	53.92 -1.71 -3.65	44.70 -1.37 -7.48	49.11 -1.68 -3.62	47.74 -1.70 -2.90	40.19 -1.40 -2.49	41.31 -1.44 -2.55	44.52 -1.41 -2.72	42.23 -1.41 -2.60	40.25 -1.19 -1.38	43.42 -1.37 -3.07	59.33 -0.90 -10.03	67.23 -0.72 -11.55	70.24 -0.60 -2.84	35.24 -0.46 -3.26	34.84 -0.40 -11.83	39.66 -0.82 -2.55	45.99 -1.13 -0.11
HIGH FALLS___HY 23754	48.67 1.70 0.00	49.70 1.63 0.00	43.23 1.45 0.00	38.74 1.48 0.00	44.31 1.52 0.00	40.32 1.68 0.00	47.37 2.15 -3.99	55.96 2.98 -1.00	54.85 2.24 -14.01	51.36 2.75 -1.43	49.21 2.67 0.00	41.36 2.27 0.00	42.52 2.31 0.00	45.62 2.40 0.00	43.30 2.27 0.00	42.40 2.34 0.00	50.09 2.51 -5.86	90.72 3.15 -37.38	102.95 3.51 -43.04	82.70 4.10 -10.60	46.50 1.91 -12.16	65.04 1.32 -40.31	46.24 1.93 -6.39	49.48 2.17 -0.29
HIGH_RIVER___SOLAR 323847	48.60 1.63 0.00	49.70 1.63 0.00	43.20 1.42 0.00	38.52 1.26 0.00	44.25 1.46 0.00	40.02 1.38 0.00	76.51 1.64 -33.63	62.51 2.11 -8.42	58.37 1.49 -18.29	50.84 1.80 -1.86	48.22 1.67 0.00	40.39 1.29 0.00	41.36 1.16 0.00	44.62 1.40 0.00	42.42 1.39 0.00	41.48 1.41 0.00	50.98 1.60 -7.67	101.22 2.09 -48.93	115.10 2.36 -56.34	84.62 2.75 -13.88	49.61 1.25 -15.91	77.10 0.92 -52.77	47.72 1.44 -8.36	49.06 1.67 -0.38

HILLBURN___GT 23639	48.06 1.09 0.00	48.93 0.85 0.00	42.48 0.71 0.00	38.07 0.81 0.00	43.48 0.69 0.00	39.60 0.96 0.00	45.37 1.33 -2.81	54.58 1.90 -0.70	53.27 1.44 -13.24	50.31 1.78 -1.35	48.33 1.79 0.00	40.55 1.46 0.00	41.64 1.43 0.00	44.72 1.50 0.00	42.53 1.50 0.00	41.65 1.59 0.00	48.93 1.66 -5.56	87.74 2.08 -35.46	99.55 2.33 -40.82	80.75 2.70 -10.05	45.25 1.28 -11.53	62.53 0.89 -38.24	45.26 1.27 -6.06	48.72 1.44 -0.27
HILLSIDE_115KV_TB1 80332	44.54 -2.44 0.00	45.70 -2.37 0.00	39.68 -2.09 0.00	35.42 -1.84 0.00	40.99 -1.80 0.00	36.99 -1.65 0.00	40.83 -1.62 -1.22	53.34 -1.93 -3.29	44.27 -1.51 -7.19	48.59 -1.87 -3.28	47.25 -1.88 -2.58	39.79 -1.52 -2.22	40.92 -1.56 -2.27	44.11 -1.53 -2.42	41.83 -1.52 -2.32	40.01 -1.28 -1.23	43.17 -1.51 -2.96	59.37 -1.16 -10.33	67.16 -1.14 -11.89	69.76 -1.17 -2.93	35.11 -0.69 -3.36	34.92 -0.53 -12.05	39.40 -1.04 -2.51	45.81 -1.32 -0.11
HISHELDN_WT_PWR 323625	42.25 -4.73 0.00	43.58 -4.49 0.00	37.76 -4.02 0.00	33.82 -3.44 0.00	39.49 -3.30 0.00	35.27 -3.37 0.00	36.38 -3.67 1.18	11.37 -5.04 35.57	-2.01 -4.11 36.49	8.35 -5.00 33.82	11.06 -4.90 30.58	8.68 -4.15 26.27	9.22 -4.09 26.88	10.16 -4.38 28.68	9.66 -3.97 27.41	21.74 -3.85 14.47	23.19 -4.03 14.49	54.30 -3.61 -7.71	61.86 -3.42 -8.88	66.28 -3.90 -2.19	32.71 -2.24 -2.51	19.23 -1.81 2.36	27.46 -3.01 7.46	43.01 -3.71 0.29
HOLTSVILLE_IC_1 23690	48.99 2.01 0.00	50.06 1.99 0.00	43.41 1.63 0.00	38.92 1.66 0.00	44.39 1.60 0.00	40.46 1.82 0.00	46.47 2.22 -3.01	55.91 3.17 -0.75	55.16 2.47 -14.10	50.88 2.27 -1.44	48.51 1.96 0.00	40.97 1.88 0.00	41.95 1.75 0.00	45.34 2.12 0.00	42.87 1.83 0.00	41.84 1.77 0.00	49.76 2.13 -5.91	90.95 3.04 -37.72	102.76 2.93 -43.42	82.03 3.34 -10.70	46.34 1.63 -12.27	65.20 1.12 -40.68	45.85 1.48 -6.45	49.64 2.33 -0.29
HOLTSVILLE_IC_10 23699	49.21 2.23 0.00	50.27 2.20 0.00	43.59 1.81 0.00	39.07 1.81 0.00	44.56 1.77 0.00	40.64 2.00 0.00	46.66 2.41 -3.01	56.18 3.44 -0.75	55.36 2.67 -14.10	51.11 2.50 -1.44	48.76 2.21 0.00	41.18 2.09 0.00	42.18 1.98 0.00	45.59 2.37 0.00	43.09 2.06 0.00	42.05 1.99 0.00	49.99 2.36 -5.91	91.30 3.38 -37.72	103.13 3.30 -43.42	82.48 3.79 -10.70	46.54 1.83 -12.27	65.33 1.25 -40.68	46.04 1.67 -6.45	49.86 2.55 -0.29
HOLTSVILLE_IC_2 23691	48.99 2.01 0.00	50.06 1.99 0.00	43.41 1.63 0.00	38.92 1.66 0.00	44.39 1.60 0.00	40.46 1.82 0.00	46.47 2.22 -3.01	55.91 3.17 -0.75	55.16 2.47 -14.10	50.88 2.27 -1.44	48.51 1.96 0.00	40.97 1.88 0.00	41.95 1.75 0.00	45.34 2.12 0.00	42.87 1.83 0.00	41.84 1.77 0.00	49.76 2.13 -5.91	90.95 3.04 -37.72	102.76 2.93 -43.42	82.03 3.34 -10.70	46.34 1.63 -12.27	65.20 1.12 -40.68	45.85 1.48 -6.45	49.64 2.33 -0.29
HOLTSVILLE_IC_3 23692	48.99 2.01 0.00	50.06 1.99 0.00	43.41 1.63 0.00	38.92 1.66 0.00	44.39 1.60 0.00	40.46 1.82 0.00	46.47 2.22 -3.01	55.91 3.17 -0.75	55.16 2.47 -14.10	50.88 2.27 -1.44	48.51 1.96 0.00	40.97 1.88 0.00	41.95 1.75 0.00	45.34 2.12 0.00	42.87 1.83 0.00	41.84 1.77 0.00	49.76 2.13 -5.91	90.95 3.04 -37.72	102.76 2.93 -43.42	82.03 3.34 -10.70	46.34 1.63 -12.27	65.20 1.12 -40.68	45.85 1.48 -6.45	49.64 2.33 -0.29
HOLTSVILLE_IC_4 23693	48.99 2.01 0.00	50.06 1.99 0.00	43.41 1.63 0.00	38.92 1.66 0.00	44.39 1.60 0.00	40.46 1.82 0.00	46.47 2.22 -3.01	55.91 3.17 -0.75	55.16 2.47 -14.10	50.88 2.27 -1.44	48.51 1.96 0.00	40.97 1.88 0.00	41.95 1.75 0.00	45.34 2.12 0.00	42.87 1.83 0.00	41.84 1.77 0.00	49.76 2.13 -5.91	90.95 3.04 -37.72	102.76 2.93 -43.42	82.03 3.34 -10.70	46.34 1.63 -12.27	65.20 1.12 -40.68	45.85 1.48 -6.45	49.64 2.33 -0.29
HOLTSVILLE_IC_5 23694	48.99 2.01 0.00	50.06 1.99 0.00	43.41 1.63 0.00	38.92 1.66 0.00	44.39 1.60 0.00	40.46 1.82 0.00	46.47 2.22 -3.01	55.91 3.17 -0.75	55.16 2.47 -14.10	50.88 2.27 -1.44	48.51 1.96 0.00	40.97 1.88 0.00	41.95 1.75 0.00	45.34 2.12 0.00	42.87 1.83 0.00	41.84 1.77 0.00	49.76 2.13 -5.91	90.95 3.04 -37.72	102.76 2.93 -43.42	82.03 3.34 -10.70	46.34 1.63 -12.27	65.20 1.12 -40.68	45.85 1.48 -6.45	49.64 2.33 -0.29
HOLTSVILLE_IC_6 23695	49.21 2.23 0.00	50.27 2.20 0.00	43.59 1.81 0.00	39.07 1.81 0.00	44.56 1.77 0.00	40.64 2.00 0.00	46.66 2.41 -3.01	56.18 3.44 -0.75	55.36 2.67 -14.10	51.11 2.50 -1.44	48.76 2.21 0.00	41.18 2.09 0.00	42.18 1.98 0.00	45.59 2.37 0.00	43.09 2.06 0.00	42.05 1.99 0.00	49.99 2.36 -5.91	91.30 3.38 -37.72	103.13 3.30 -43.42	82.48 3.79 -10.70	46.54 1.83 -12.27	65.33 1.25 -40.68	46.04 1.67 -6.45	49.86 2.55 -0.29
HOLTSVILLE_IC_7 23696	49.21 2.23 0.00	50.27 2.20 0.00	43.59 1.81 0.00	39.07 1.81 0.00	44.56 1.77 0.00	40.64 2.00 0.00	46.66 2.41 -3.01	56.18 3.44 -0.75	55.36 2.67 -14.10	51.11 2.50 -1.44	48.76 2.21 0.00	41.18 2.09 0.00	42.18 1.98 0.00	45.59 2.37 0.00	43.09 2.06 0.00	42.05 1.99 0.00	49.99 2.36 -5.91	91.30 3.38 -37.72	103.13 3.30 -43.42	82.48 3.79 -10.70	46.54 1.83 -12.27	65.33 1.25 -40.68	46.04 1.67 -6.45	49.86 2.55 -0.29
HOLTSVILLE_IC_8 23697	49.21 2.23 0.00	50.27 2.20 0.00	43.59 1.81 0.00	39.07 1.81 0.00	44.56 1.77 0.00	40.64 2.00 0.00	46.66 2.41 -3.01	56.18 3.44 -0.75	55.36 2.67 -14.10	51.11 2.50 -1.44	48.76 2.21 0.00	41.18 2.09 0.00	42.18 1.98 0.00	45.59 2.37 0.00	43.09 2.06 0.00	42.05 1.99 0.00	49.99 2.36 -5.91	91.30 3.38 -37.72	103.13 3.30 -43.42	82.48 3.79 -10.70	46.54 1.83 -12.27	65.33 1.25 -40.68	46.04 1.67 -6.45	49.86 2.55 -0.29
HOLTSVILLE_IC_9 23698	49.21 2.23 0.00	50.27 2.20 0.00	43.59 1.81 0.00	39.07 1.81 0.00	44.56 1.77 0.00	40.64 2.00 0.00	46.66 2.41 -3.01	56.18 3.44 -0.75	55.36 2.67 -14.10	51.11 2.50 -1.44	48.76 2.21 0.00	41.18 2.09 0.00	42.18 1.98 0.00	45.59 2.37 0.00	43.09 2.06 0.00	42.05 1.99 0.00	49.99 2.36 -5.91	91.30 3.38 -37.72	103.13 3.30 -43.42	82.48 3.79 -10.70	46.54 1.83 -12.27	65.33 1.25 -40.68	46.04 1.67 -6.45	49.86 2.55 -0.29
HOMER_HL_115KV_TB2 355744	45.36 -1.62 0.00	46.58 -1.49 0.00	40.23 -1.54 0.00	35.97 -1.28 0.00	41.79 -1.00 0.00	37.42 -1.22 0.00	40.80 -1.21 -0.77	50.30 -1.88 -0.19	39.87 -1.61 -2.89	45.53 -1.94 -0.29	44.79 -1.75 0.00	37.58 -1.52 0.00	38.82 -1.38 0.00	42.06 -1.15 0.00	39.80 -1.23 0.00	38.91 -1.15 0.00	41.57 -1.36 -1.21	57.33 -0.59 -7.72	64.97 -0.32 -8.89	70.08 -0.10 -2.19	34.46 -0.49 -2.51	31.39 -0.34 -8.33	38.73 -0.52 -1.32	46.58 -0.50 -0.06
HOWARD_WT_PWR 323690	41.78 -5.20 0.00	43.33 -4.74 0.00	37.56 -4.21 0.00	33.83 -3.43 0.00	39.46 -3.33 0.00	35.33 -3.31 0.00	39.81 -3.52 -2.10	69.97 -4.73 -22.72	62.75 -3.81 -27.98	64.09 -4.88 -21.79	60.87 -4.92 -19.24	51.37 -4.25 -16.53	52.77 -4.34 -16.92	56.60 -4.66 -18.05	54.05 -4.23 -17.24	45.14 -4.05 -9.12	49.01 -3.98 -11.27	55.41 -3.34 -8.55	63.57 -2.69 -9.85	67.63 -2.78 -2.43	33.72 -1.50 -2.78	38.23 -1.15 -15.97	42.75 -2.18 -7.01	44.06 -3.24 -0.29

HQ_GEN_CEDARS 23644	54.15 7.17 0.00	55.15 7.08 0.00	47.82 6.05 0.00	42.60 5.34 0.00	49.38 6.59 0.00	44.44 5.81 0.00	48.05 6.81 0.00	60.53 8.54 0.00	44.73 5.58 -0.56	53.24 6.01 -0.06	53.29 6.74 0.00	44.44 5.34 0.00	45.69 5.49 0.00	49.86 6.64 0.00	46.47 5.44 0.00	44.02 3.95 0.00	45.80 3.85 -0.23	56.84 4.28 -2.36	64.93 4.97 -3.56	74.83 5.50 -1.34	36.01 2.52 -1.06	27.20 2.18 -1.61	42.75 4.57 -0.25	52.11 5.08 -0.01
HQ_GEN_CEDARS_PROXY 323590	54.14 7.17 0.00	55.15 7.08 0.00	47.82 6.05 0.00	42.60 5.34 0.00	49.38 6.59 0.00	44.44 5.81 0.00	48.05 6.81 0.00	60.53 8.55 0.00	44.73 5.59 -0.56	53.25 6.02 -0.06	53.29 6.74 0.00	44.45 5.35 0.00	45.70 5.49 0.00	49.86 6.65 0.00	46.47 5.44 0.00	44.02 3.95 0.00	45.80 3.85 -0.23	56.83 4.28 -2.36	64.93 4.97 -3.56	74.83 5.50 -1.34	36.01 2.52 -1.06	27.20 2.19 -1.61	42.75 4.57 -0.25	52.11 5.08 -0.01
HQ_GEN_IMPORT 323601	47.43 0.45 0.00	48.56 0.48 0.00	42.14 0.37 0.00	37.54 0.29 0.00	43.13 0.34 0.00	38.88 0.24 0.00	41.36 0.13 0.00	52.10 0.12 0.00	38.78 0.19 0.00	47.43 0.25 0.00	46.78 0.23 0.00	39.32 0.23 0.00	40.48 0.28 0.00	43.55 0.33 0.00	41.32 0.29 0.00	40.22 0.15 0.00	41.80 0.08 0.00	41.97 -0.11 8.12	56.24 -0.16 0.00	67.90 -0.09 0.00	32.47 0.04 0.00	23.38 -0.02 0.00	37.84 -0.09 0.00	47.54 -0.05 -0.58
HQ_GEN_WHEEL 23651	47.43 0.45 0.00	48.56 0.48 0.00	42.14 0.37 0.00	37.54 0.29 0.00	43.13 0.34 0.00	38.88 0.24 0.00	41.36 0.13 0.00	52.10 0.12 0.00	38.78 0.19 0.00	47.43 0.25 0.00	46.78 0.23 0.00	39.32 0.23 0.00	40.48 0.28 0.00	43.55 0.33 0.00	41.32 0.29 0.00	40.22 0.15 0.00	41.80 0.08 0.00	41.97 -0.11 8.12	56.24 -0.16 0.00	67.90 -0.09 0.00	32.47 0.04 0.00	23.38 -0.02 0.00	37.84 -0.09 0.00	47.54 -0.05 -0.58
HUDSON AVE_GT_3 23810	48.34 1.36 0.00	49.21 1.14 0.00	42.75 0.97 0.00	38.43 1.17 0.00	43.74 0.94 0.00	39.91 1.27 0.00	45.94 1.69 -3.01	55.17 2.43 -0.76	54.59 1.90 -14.10	51.01 2.40 -1.44	48.92 2.37 0.00	41.16 2.07 0.00	42.27 2.06 0.00	45.35 2.13 0.00	43.11 2.08 0.00	42.25 2.19 0.00	49.89 2.26 -5.92	90.70 2.78 -37.72	102.86 3.02 -43.43	82.26 3.57 -10.70	46.41 1.70 -12.27	65.29 1.20 -40.68	46.14 1.76 -6.45	49.24 1.93 -0.29
HUDSON AVE_GT_4 23540	48.34 1.36 0.00	49.21 1.14 0.00	42.75 0.97 0.00	38.43 1.17 0.00	43.74 0.94 0.00	39.91 1.27 0.00	45.94 1.69 -3.01	55.17 2.43 -0.76	54.59 1.90 -14.10	51.01 2.40 -1.44	48.92 2.37 0.00	41.16 2.07 0.00	42.27 2.06 0.00	45.35 2.13 0.00	43.11 2.08 0.00	42.25 2.19 0.00	49.89 2.26 -5.92	90.70 2.78 -37.72	102.86 3.02 -43.43	82.26 3.57 -10.70	46.41 1.70 -12.27	65.29 1.20 -40.68	46.14 1.76 -6.45	49.24 1.93 -0.29
HUDSON AVE_GT_5 23657	48.34 1.36 0.00	49.21 1.14 0.00	42.75 0.97 0.00	38.43 1.17 0.00	43.74 0.94 0.00	39.91 1.27 0.00	45.94 1.69 -3.01	55.17 2.43 -0.76	54.59 1.90 -14.10	51.01 2.40 -1.44	48.92 2.37 0.00	41.16 2.07 0.00	42.27 2.06 0.00	45.35 2.13 0.00	43.11 2.08 0.00	42.25 2.19 0.00	49.89 2.26 -5.92	90.70 2.78 -37.72	102.86 3.02 -43.43	82.26 3.57 -10.70	46.41 1.70 -12.27	65.29 1.20 -40.68	46.14 1.76 -6.45	49.24 1.93 -0.29
HUDSON_AVE_10 24168	48.19 1.21 0.00	49.05 0.98 0.00	42.63 0.85 0.00	38.35 1.09 0.00	43.62 0.83 0.00	39.80 1.16 0.00	45.81 1.56 -3.01	55.02 2.28 -0.76	54.47 1.79 -14.10	50.88 2.27 -1.44	48.78 2.23 0.00	41.10 2.01 0.00	42.22 2.01 0.00	45.24 2.03 0.00	43.04 2.02 0.00	42.20 2.13 0.00	49.82 2.19 -5.92	90.59 2.67 -37.72	102.72 2.89 -43.43	82.12 3.43 -10.70	46.33 1.62 -12.27	65.24 1.15 -40.68	46.06 1.69 -6.45	49.12 1.81 -0.29
HUDSON___115KV_TB 4 355613	49.48 2.50 0.00	50.58 2.51 0.00	43.99 2.22 0.00	39.25 1.99 0.00	45.08 2.29 0.00	40.82 2.19 0.00	55.36 2.49 -11.64	58.13 3.23 -2.92	57.60 2.33 -16.69	51.67 2.79 -1.70	49.19 2.64 0.00	40.95 1.86 0.00	42.34 2.14 0.00	45.56 2.35 0.00	43.28 2.24 0.00	42.35 2.28 0.00	51.21 2.50 -7.00	97.91 3.09 -44.63	111.27 3.48 -51.38	84.75 4.10 -12.66	48.78 1.82 -14.51	72.82 1.28 -48.13	47.59 2.05 -7.62	49.76 2.40 -0.34
HUNTER MOUNT___DRP 323613	49.80 2.82 0.00	50.92 2.85 0.00	44.28 2.51 0.00	39.50 2.24 0.00	45.39 2.60 0.00	41.09 2.45 0.00	54.01 2.74 -10.03	58.08 3.59 -2.51	57.46 2.57 -16.31	51.93 3.09 -1.66	49.44 2.90 0.00	41.25 2.16 0.00	42.59 2.39 0.00	45.86 2.65 0.00	43.54 2.51 0.00	42.61 2.55 0.00	51.31 2.76 -6.84	97.23 3.44 -43.59	110.47 3.87 -50.19	84.92 4.57 -12.36	48.61 1.99 -14.18	71.82 1.40 -47.01	47.64 2.27 -7.44	50.01 2.66 -0.34
HUNTINGTON_RES_REC 323705	48.94 1.96 0.00	49.99 1.93 0.00	43.32 1.55 0.00	38.83 1.57 0.00	44.26 1.46 0.00	40.33 1.70 0.00	46.30 2.05 -3.01	55.67 2.93 -0.75	54.99 2.30 -14.10	50.89 2.28 -1.44	48.68 2.13 0.00	41.10 2.01 0.00	42.10 1.90 0.00	45.48 2.26 0.00	43.02 1.99 0.00	41.99 1.93 0.00	49.86 2.23 -5.91	90.99 3.08 -37.72	102.90 3.07 -43.42	82.22 3.53 -10.70	46.42 1.72 -12.27	65.29 1.21 -40.68	46.00 1.62 -6.45	49.60 2.29 -0.29
HUNTLEY___63 23557	43.89 -3.09 0.00	45.22 -2.85 0.00	39.01 -2.76 0.00	34.78 -2.48 0.00	40.39 -2.41 0.00	36.05 -2.59 0.00	38.29 -2.65 0.30	42.65 -3.91 5.43	31.80 -3.29 3.50	38.41 -3.84 4.92	38.32 -3.58 4.64	32.11 -2.99 3.99	33.27 -2.85 4.08	35.97 -2.89 4.35	34.01 -2.87 4.16	34.95 -2.93 2.18	37.25 -3.15 1.31	54.14 -2.67 -6.62	61.25 -2.76 -7.62	66.66 -3.21 -1.88	32.70 -1.89 -2.15	27.59 -1.35 -5.54	35.65 -2.10 0.18	44.53 -2.48 0.00
HUNTLEY___64 23558	43.89 -3.09 0.00	45.22 -2.85 0.00	39.01 -2.76 0.00	34.78 -2.48 0.00	40.39 -2.41 0.00	36.05 -2.59 0.00	38.29 -2.65 0.30	42.65 -3.91 5.43	31.80 -3.29 3.50	38.41 -3.84 4.92	38.32 -3.58 4.64	32.11 -2.99 3.99	33.27 -2.85 4.08	35.97 -2.89 4.35	34.01 -2.87 4.16	34.95 -2.93 2.18	37.25 -3.15 1.31	54.14 -2.67 -6.62	61.25 -2.76 -7.62	66.66 -3.21 -1.88	32.70 -1.89 -2.15	27.59 -1.35 -5.54	35.65 -2.10 0.18	44.53 -2.48 0.00
HUNTLEY___65 23559	43.89 -3.09 0.00	45.22 -2.85 0.00	39.01 -2.76 0.00	34.78 -2.48 0.00	40.39 -2.41 0.00	36.05 -2.59 0.00	38.29 -2.65 0.30	42.65 -3.91 5.43	31.80 -3.29 3.50	38.41 -3.84 4.92	38.32 -3.58 4.64	32.11 -2.99 3.99	33.27 -2.85 4.08	35.97 -2.89 4.35	34.01 -2.87 4.16	34.95 -2.93 2.18	37.25 -3.15 1.31	54.14 -2.67 -6.62	61.25 -2.76 -7.62	66.66 -3.21 -1.88	32.70 -1.89 -2.15	27.59 -1.35 -5.54	35.65 -2.10 0.18	44.53 -2.48 0.00
HUNTLEY___66 23560	43.89 -3.09 0.00	45.22 -2.85 0.00	39.01 -2.76 0.00	34.78 -2.48 0.00	40.39 -2.41 0.00	36.05 -2.59 0.00	38.29 -2.65 0.30	42.65 -3.91 5.43	31.80 -3.29 3.50	38.41 -3.84 4.92	38.32 -3.58 4.64	32.11 -2.99 3.99	33.27 -2.85 4.08	35.97 -2.89 4.35	34.01 -2.87 4.16	34.95 -2.93 2.18	37.25 -3.15 1.31	54.14 -2.67 -6.62	61.25 -2.76 -7.62	66.66 -3.21 -1.88	32.70 -1.89 -2.15	27.59 -1.35 -5.54	35.65 -2.10 0.18	44.53 -2.48 0.00

HUNTLEY___67 23561	43.80 -3.17 0.00	45.13 -2.94 0.00	38.96 -2.81 0.00	34.74 -2.53 0.00	40.31 -2.48 0.00	35.98 -2.66 0.00	38.24 -2.71 0.28	42.84 -3.96 5.18	32.05 -3.34 3.20	38.56 -3.92 4.69	38.43 -3.68 4.43	32.23 -3.06 3.81	33.39 -2.91 3.90	36.11 -2.95 4.16	34.14 -2.92 3.97	34.99 -2.99 2.08	37.39 -3.14 1.19	54.15 -2.73 -6.69	61.26 -2.84 -7.70	66.55 -3.34 -1.90	32.65 -1.96 -2.18	27.70 -1.39 -5.69	35.66 -2.16 0.11	44.41 -2.61 0.00
HUNTLEY___68 23562	43.80 -3.17 0.00	45.13 -2.94 0.00	38.96 -2.81 0.00	34.74 -2.53 0.00	40.31 -2.48 0.00	35.98 -2.66 0.00	38.24 -2.71 0.28	42.84 -3.96 5.18	32.05 -3.34 3.20	38.56 -3.92 4.69	38.43 -3.68 4.43	32.23 -3.06 3.81	33.39 -2.91 3.90	36.11 -2.95 4.16	34.14 -2.92 3.97	34.99 -2.99 2.08	37.39 -3.14 1.19	54.15 -2.73 -6.69	61.26 -2.84 -7.70	66.55 -3.34 -1.90	32.65 -1.96 -2.18	27.70 -1.39 -5.69	35.66 -2.16 0.11	44.41 -2.61 0.00
HYLAND___LFGE 323620	45.52 -1.46 0.00	46.78 -1.29 0.00	40.47 -1.30 0.00	36.20 -1.06 0.00	42.10 -0.69 0.00	37.84 -0.79 0.00	42.81 -0.50 -2.08	76.19 -0.62 -24.83	67.66 -0.79 -29.86	69.89 -1.08 -23.79	66.46 -1.16 -21.08	55.72 -1.48 -18.10	57.07 -1.66 -18.53	60.96 -2.02 -19.76	58.05 -1.87 -18.89	48.58 -1.47 -9.98	51.75 -1.97 -12.00	56.50 -0.98 -7.28	65.29 0.51 -8.39	71.04 0.98 -2.07	35.01 0.20 -2.37	38.71 0.07 -15.24	45.23 -0.02 -7.32	46.84 -0.47 -0.30
INDECK___CORINTH 23802	51.76 4.78 0.00	52.83 4.76 0.00	45.84 4.07 0.00	40.94 3.68 0.00	47.20 4.41 0.00	42.76 4.12 0.00	76.49 4.70 -30.56	65.62 5.98 -7.65	60.54 4.38 -17.57	54.25 5.28 -1.79	51.48 4.94 0.00	43.12 4.03 0.00	44.19 3.99 0.00	47.45 4.23 0.00	45.10 4.06 0.00	44.17 4.10 0.00	53.51 4.43 -7.37	102.58 5.39 -46.99	116.45 5.94 -54.11	88.36 7.04 -13.33	50.92 3.20 -15.28	76.38 2.29 -50.69	49.54 3.59 -8.02	51.89 4.51 -0.36
INDECK___ILION 23567	47.39 0.41 0.00	48.45 0.38 0.00	42.14 0.37 0.00	37.60 0.34 0.00	43.13 0.33 0.00	39.03 0.40 0.00	41.76 0.53 0.00	52.66 0.67 0.00	39.31 0.49 -0.23	47.85 0.64 -0.02	47.05 0.50 0.00	39.38 0.29 0.00	40.46 0.26 0.00	43.52 0.31 0.00	41.30 0.27 0.00	40.44 0.38 0.00	42.22 0.41 -0.10	51.39 0.57 -0.62	57.75 0.64 -0.71	68.91 0.74 -0.18	32.94 0.31 -0.20	24.32 0.25 -0.67	38.41 0.37 -0.11	47.44 0.42 0.00
INDECK___OLEAN 23982	45.36 -1.62 0.00	46.58 -1.49 0.00	40.23 -1.54 0.00	35.97 -1.28 0.00	41.79 -1.00 0.00	37.41 -1.22 0.00	40.80 -1.20 -0.77	50.33 -1.85 -0.19	39.91 -1.57 -2.89	45.57 -1.90 -0.29	44.84 -1.71 0.00	37.65 -1.45 0.00	38.89 -1.32 0.00	42.10 -1.11 0.00	39.86 -1.18 0.00	38.93 -1.14 0.00	41.59 -1.33 -1.21	57.33 -0.59 -7.72	64.98 -0.31 -8.89	70.08 -0.11 -2.19	34.47 -0.48 -2.51	31.40 -0.33 -8.33	38.77 -0.48 -1.32	46.58 -0.49 -0.06
INDECK___OSWEGO 23783	46.64 -0.34 0.00	47.63 -0.44 0.00	41.44 -0.34 0.00	37.01 -0.25 0.00	42.76 -0.04 0.00	38.63 -0.01 0.00	41.37 0.14 0.00	52.24 0.26 0.00	40.01 -0.07 -1.50	47.01 -0.32 -0.15	46.32 -0.23 0.00	38.90 -0.19 0.00	40.04 -0.16 0.00	43.06 -0.16 0.00	40.83 -0.20 0.00	39.90 -0.17 0.00	42.31 -0.03 -0.63	54.42 0.22 -4.00	61.35 0.34 -4.61	69.47 0.34 -1.14	33.79 0.05 -1.30	27.76 0.04 -4.32	38.69 0.08 -0.69	47.03 -0.02 -0.03
INDECK___YERKES 23781	43.93 -3.04 0.00	45.27 -2.80 0.00	39.05 -2.73 0.00	34.81 -2.45 0.00	40.42 -2.37 0.00	36.08 -2.56 0.00	38.33 -2.61 0.30	42.75 -3.81 5.43	31.90 -3.19 3.50	38.51 -3.74 4.92	38.43 -3.48 4.64	32.24 -2.87 3.99	33.38 -2.74 4.08	36.07 -2.79 4.35	34.11 -2.76 4.16	35.00 -2.88 2.18	37.31 -3.09 1.31	54.20 -2.61 -6.62	61.32 -2.70 -7.62	66.75 -3.12 -1.88	32.74 -1.85 -2.15	27.63 -1.32 -5.54	35.73 -2.01 0.18	44.57 -2.45 0.00
INDIAN POINT_GT_1 24139	48.07 1.09 0.00	49.15 1.08 0.00	42.69 0.92 0.00	38.28 1.02 0.00	43.70 0.90 0.00	39.79 1.15 0.00	45.77 1.53 -3.01	54.91 2.18 -0.75	54.29 1.65 -14.05	50.64 2.03 -1.43	48.55 2.00 0.00	40.79 1.70 0.00	41.88 1.68 0.00	44.96 1.75 0.00	42.75 1.71 0.00	41.86 1.79 0.00	49.51 1.90 -5.89	90.14 2.36 -37.58	102.26 2.59 -43.27	81.71 3.06 -10.66	46.10 1.44 -12.22	64.94 1.01 -40.53	45.83 1.48 -6.42	48.98 1.68 -0.29
INDIAN POINT_GT_2 23659	48.07 1.09 0.00	49.15 1.08 0.00	42.69 0.92 0.00	38.28 1.02 0.00	43.70 0.90 0.00	39.79 1.15 0.00	45.77 1.53 -3.01	54.91 2.18 -0.75	54.29 1.65 -14.05	50.64 2.03 -1.43	48.55 2.00 0.00	40.79 1.70 0.00	41.88 1.68 0.00	44.96 1.75 0.00	42.75 1.71 0.00	41.86 1.79 0.00	49.51 1.90 -5.89	90.14 2.36 -37.58	102.26 2.59 -43.27	81.71 3.06 -10.66	46.10 1.44 -12.22	64.94 1.01 -40.53	45.83 1.48 -6.42	48.98 1.68 -0.29
INDIAN POINT_GT_3 24019	48.07 1.09 0.00	49.15 1.08 0.00	42.69 0.92 0.00	38.28 1.02 0.00	43.70 0.90 0.00	39.79 1.15 0.00	45.77 1.53 -3.01	54.91 2.18 -0.75	54.29 1.65 -14.05	50.64 2.03 -1.43	48.55 2.00 0.00	40.79 1.70 0.00	41.88 1.68 0.00	44.96 1.75 0.00	42.75 1.71 0.00	41.86 1.79 0.00	49.51 1.90 -5.89	90.14 2.36 -37.58	102.26 2.59 -43.27	81.71 3.06 -10.66	46.10 1.44 -12.22	64.94 1.01 -40.53	45.83 1.48 -6.42	48.98 1.68 -0.29
INDIAN POINT___2 23530	47.93 0.96 0.00	49.18 1.11 0.00	42.71 0.94 0.00	38.32 1.06 0.00	43.71 0.92 0.00	39.82 1.18 0.00	45.81 1.57 -3.01	54.96 2.22 -0.75	54.40 1.71 -14.10	50.71 2.09 -1.44	48.62 2.07 0.00	40.88 1.78 0.00	41.95 1.75 0.00	45.05 1.84 0.00	42.80 1.77 0.00	41.94 1.87 0.00	49.61 1.98 -5.91	90.37 2.45 -37.72	102.49 2.67 -43.42	81.82 3.13 -10.70	46.20 1.49 -12.27	65.13 1.05 -40.68	45.90 1.53 -6.45	49.05 1.74 -0.29
INDIAN POINT___3 23531	48.08 1.10 0.00	48.99 0.92 0.00	42.56 0.79 0.00	38.16 0.90 0.00	43.56 0.77 0.00	39.66 1.03 0.00	45.58 1.39 -2.96	54.70 1.98 -0.74	53.95 1.50 -13.86	50.44 1.86 -1.41	48.39 1.84 0.00	40.63 1.54 0.00	41.71 1.51 0.00	44.80 1.59 0.00	42.58 1.55 0.00	41.70 1.64 0.00	49.25 1.72 -5.82	89.44 2.15 -37.10	101.48 2.37 -42.72	81.29 2.77 -10.52	45.82 1.32 -12.06	64.34 0.92 -40.02	45.61 1.34 -6.34	48.82 1.52 -0.29
INGHAM_C_115KV_TB7 356103	47.52 0.54 0.00	48.58 0.51 0.00	42.27 0.49 0.00	37.72 0.46 0.00	43.23 0.44 0.00	39.21 0.58 0.00	42.03 0.79 0.00	52.98 1.00 0.00	39.60 0.78 -0.23	48.21 1.01 -0.02	47.23 0.68 0.00	39.42 0.32 0.00	40.46 0.26 0.00	43.67 0.46 0.00	41.41 0.37 0.00	40.62 0.56 0.00	42.38 0.56 -0.10	51.59 0.77 -0.62	58.03 0.92 -0.71	69.28 1.11 -0.18	33.07 0.43 -0.20	24.42 0.35 -0.67	38.51 0.48 -0.11	47.56 0.54 0.00
IP CORINTH___1 23988	51.76 4.78 0.00	52.83 4.76 0.00	45.84 4.07 0.00	40.94 3.68 0.00	47.20 4.41 0.00	42.76 4.12 0.00	76.49 4.70 -30.56	65.62 5.99 -7.65	60.54 4.38 -17.57	54.25 5.28 -1.79	51.48 4.94 0.00	43.12 4.03 0.00	44.19 3.99 0.00	47.44 4.23 0.00	45.09 4.06 0.00	44.17 4.11 0.00	53.51 4.43 -7.37	102.58 5.39 -46.99	116.45 5.94 -54.11	88.36 7.04 -13.33	50.92 3.20 -15.28	76.38 2.29 -50.69	49.54 3.60 -8.02	51.89 4.52 -0.36

IP__TICONDEROGA 23804	53.93 6.95 0.00	54.89 6.82 0.00	47.41 5.63 0.00	42.40 5.13 0.00	49.09 6.30 0.00	44.43 5.80 0.00	78.23 6.56 -30.43	67.85 8.24 -7.62	62.21 6.07 -17.56	56.27 7.30 -1.79	53.40 6.85 0.00	44.75 5.66 0.00	45.75 5.55 0.00	49.19 5.97 0.00	46.87 5.84 0.00	46.01 5.94 0.00	55.68 6.60 -7.37	105.07 7.90 -46.97	119.18 8.70 -54.08	91.74 10.42 -13.32	52.50 4.79 -15.28	77.31 3.25 -50.66	51.10 5.15 -8.02	54.37 7.00 -0.36
ISLIP_RES_REC 323679	49.35 2.38 0.00	50.43 2.35 0.00	43.72 1.94 0.00	39.18 1.92 0.00	44.70 1.91 0.00	40.78 2.14 0.00	46.83 2.58 -3.01	56.40 3.67 -0.75	55.54 2.85 -14.10	51.31 2.70 -1.44	48.96 2.42 0.00	41.34 2.24 0.00	42.35 2.14 0.00	45.79 2.58 0.00	43.28 2.25 0.00	42.21 2.15 0.00	50.18 2.55 -5.91	91.54 3.63 -37.72	103.41 3.59 -43.42	82.79 4.10 -10.70	46.68 1.98 -12.27	65.42 1.33 -40.68	46.17 1.80 -6.45	50.00 2.70 -0.29
JAMAICA__27_KV_LOAD 355505	48.50 1.52 0.00	49.35 1.28 0.00	42.91 1.14 0.00	38.69 1.43 0.00	43.91 1.11 0.00	40.08 1.44 0.00	46.07 1.82 -3.01	55.39 2.65 -0.76	54.75 2.06 -14.10	51.24 2.63 -1.44	49.07 2.52 0.00	41.45 2.36 0.00	42.65 2.45 0.00	45.59 2.38 0.00	43.44 2.40 0.00	42.60 2.53 0.00	50.23 2.60 -5.92	91.06 3.14 -37.72	103.22 3.39 -43.43	82.74 4.05 -10.70	46.59 1.89 -12.27	65.47 1.38 -40.68	46.44 2.07 -6.45	49.53 2.22 -0.29
JANIS__SOLAR 323808	46.92 -0.07 0.00	48.01 -0.06 0.00	41.68 -0.09 0.00	37.18 -0.08 0.00	42.90 0.10 0.00	38.83 0.19 0.00	43.49 0.59 -1.67	54.94 0.88 -2.08	44.87 0.44 -5.84	49.49 0.31 -2.01	48.17 0.18 -1.44	40.51 0.18 -1.23	41.64 0.17 -1.27	44.82 0.26 -1.35	42.57 0.25 -1.29	41.17 0.42 -0.68	44.44 0.30 -2.42	61.74 0.88 -10.66	69.89 1.21 -12.28	72.55 1.53 -3.02	36.46 0.56 -3.47	35.84 0.44 -12.01	40.63 0.47 -2.24	47.63 0.52 -0.10
JARVIS____ 23743	47.17 0.19 0.00	48.26 0.19 0.00	41.94 0.17 0.00	37.42 0.16 0.00	42.93 0.14 0.00	38.80 0.16 0.00	41.46 0.22 0.00	52.30 0.31 0.00	39.03 0.21 -0.23	47.45 0.25 -0.02	46.82 0.27 0.00	39.30 0.21 0.00	40.39 0.18 0.00	43.36 0.14 0.00	41.20 0.16 0.00	40.25 0.18 0.00	42.06 0.25 -0.10	51.21 0.39 -0.62	57.53 0.41 -0.71	68.58 0.41 -0.18	32.82 0.18 -0.20	24.20 0.13 -0.67	38.26 0.23 -0.11	47.30 0.28 0.00
JENNISON__1 23625	45.96 -1.02 0.00	47.11 -0.96 0.00	40.96 -0.81 0.00	36.49 -0.77 0.00	41.99 -0.80 0.00	38.06 -0.58 0.00	43.55 -0.20 -2.51	52.46 -0.16 -0.63	43.29 -0.33 -5.02	47.19 -0.50 -0.51	45.91 -0.63 0.00	38.56 -0.53 0.00	39.63 -0.57 0.00	42.55 -0.66 0.00	40.49 -0.55 0.00	39.76 -0.31 0.00	43.34 -0.49 -2.11	63.38 -0.26 -13.44	71.68 -0.19 -15.48	71.76 -0.05 -3.81	36.60 -0.21 -4.37	37.89 -0.02 -14.50	40.03 -0.19 -2.30	47.17 0.05 -0.10
JENNISON__2 23626	45.96 -1.02 0.00	47.11 -0.96 0.00	40.96 -0.81 0.00	36.49 -0.77 0.00	41.99 -0.80 0.00	38.06 -0.58 0.00	43.55 -0.20 -2.51	52.46 -0.16 -0.63	43.29 -0.33 -5.02	47.19 -0.50 -0.51	45.91 -0.63 0.00	38.56 -0.53 0.00	39.63 -0.57 0.00	42.55 -0.66 0.00	40.49 -0.55 0.00	39.76 -0.31 0.00	43.34 -0.49 -2.11	63.38 -0.26 -13.44	71.68 -0.19 -15.48	71.76 -0.05 -3.81	36.60 -0.21 -4.37	37.89 -0.02 -14.50	40.03 -0.19 -2.30	47.17 0.05 -0.10
JERICHO_RISE_WT_PWR 323719	48.51 1.53 0.00	49.64 1.57 0.00	43.01 1.23 0.00	38.25 0.99 0.00	43.94 1.15 0.00	39.47 0.84 0.00	42.00 0.76 0.00	52.66 0.68 0.00	39.24 0.65 0.00	48.08 0.90 0.00	47.33 0.78 0.00	39.78 0.69 0.00	40.97 0.77 0.00	44.01 0.79 0.00	41.63 0.60 0.00	40.01 -0.05 0.00	41.33 -0.39 0.00	51.00 -1.00 -1.80	59.10 -1.11 -3.81	68.64 -1.24 -1.89	33.29 -0.33 -1.18	23.29 -0.11 0.00	37.72 -0.21 0.00	46.42 -0.60 0.00
KATONAH__115KV_46KV_TB4 355592	48.61 1.63 0.00	49.54 1.47 0.00	43.04 1.26 0.00	38.58 1.32 0.00	44.05 1.25 0.00	40.13 1.49 0.00	46.19 1.91 -3.05	55.41 2.66 -0.76	54.79 1.99 -14.21	51.05 2.42 -1.45	48.92 2.37 0.00	41.09 2.00 0.00	42.18 1.98 0.00	45.31 2.09 0.00	43.06 2.02 0.00	42.17 2.11 0.00	49.92 2.24 -5.96	91.03 2.82 -38.01	103.30 3.13 -43.77	82.45 3.68 -10.78	46.51 1.71 -12.36	65.59 1.19 -41.00	46.18 1.76 -6.50	49.29 1.98 -0.29
KCE_NY_1 323755	50.08 3.10 0.00	51.28 3.21 0.00	44.49 2.72 0.00	39.71 2.45 0.00	45.66 2.87 0.00	41.34 2.70 0.00	75.35 3.10 -31.01	63.67 3.92 -7.77	59.01 2.82 -17.60	52.43 3.46 -1.79	49.79 3.25 0.00	41.70 2.61 0.00	42.84 2.64 0.00	45.97 2.75 0.00	43.69 2.66 0.00	42.77 2.70 0.00	52.08 2.98 -7.38	100.80 3.51 -47.08	114.59 3.98 -54.21	86.07 4.72 -13.35	49.89 2.14 -15.31	75.70 1.52 -50.78	48.38 2.41 -8.04	50.28 2.91 -0.36
KCE_NY_6_ESR 323823	44.54 -2.44 0.00	45.88 -2.19 0.00	39.60 -2.17 0.00	35.32 -1.94 0.00	41.02 -1.77 0.00	36.66 -1.98 0.00	39.04 -1.95 0.24	44.63 -2.96 4.39	33.77 -2.58 2.24	40.29 -2.96 3.92	40.07 -2.73 3.75	33.61 -2.26 3.23	34.79 -2.11 3.30	37.65 -2.04 3.52	35.55 -2.12 3.37	36.09 -2.21 1.76	38.57 -2.34 0.81	55.41 -1.72 -6.93	62.77 -1.60 -7.98	68.12 -1.84 -1.97	33.38 -1.32 -2.25	28.62 -0.97 -6.19	36.61 -1.44 -0.12	45.28 -1.75 -0.01
KEDC_PORT_JEFF_GT2 24210	49.16 2.19 0.00	50.22 2.15 0.00	43.54 1.77 0.00	39.03 1.77 0.00	44.51 1.71 0.00	40.59 1.95 0.00	46.61 2.36 -3.01	56.10 3.36 -0.75	55.31 2.62 -14.10	51.07 2.46 -1.44	48.73 2.18 0.00	41.14 2.05 0.00	42.14 1.94 0.00	45.55 2.33 0.00	43.07 2.04 0.00	42.02 1.96 0.00	49.96 2.33 -5.91	91.24 3.33 -37.72	103.08 3.25 -43.42	82.42 3.73 -10.70	46.51 1.81 -12.27	65.32 1.24 -40.68	46.02 1.64 -6.45	49.81 2.50 -0.29
KEDC_PORT_JEFF_GT3 24211	49.16 2.19 0.00	50.22 2.15 0.00	43.54 1.77 0.00	39.03 1.77 0.00	44.51 1.71 0.00	40.59 1.95 0.00	46.61 2.36 -3.01	56.10 3.36 -0.75	55.31 2.62 -14.10	51.07 2.46 -1.44	48.73 2.18 0.00	41.14 2.05 0.00	42.14 1.94 0.00	45.55 2.33 0.00	43.07 2.04 0.00	42.02 1.96 0.00	49.96 2.33 -5.91	91.24 3.33 -37.72	103.08 3.25 -43.42	82.42 3.73 -10.70	46.51 1.81 -12.27	65.32 1.24 -40.68	46.02 1.64 -6.45	49.81 2.50 -0.29
KEDC_GLWD_GT4 24219	48.90 1.92 0.00	49.93 1.86 0.00	43.31 1.54 0.00	38.82 1.56 0.00	44.30 1.50 0.00	40.35 1.71 0.00	46.35 2.10 -3.01	55.69 2.96 -0.75	54.99 2.30 -14.10	51.22 2.61 -1.44	49.08 2.53 0.00	41.38 2.29 0.00	42.43 2.23 0.00	45.72 2.50 0.00	43.29 2.26 0.00	42.30 2.23 0.00	50.14 2.51 -5.91	91.13 3.22 -37.72	103.22 3.39 -43.42	82.66 3.97 -10.70	46.61 1.91 -12.27	65.44 1.36 -40.68	46.29 1.92 -6.45	49.67 2.36 -0.29
KEDC_GLWD_GT5 24220	48.90 1.92 0.00	49.93 1.86 0.00	43.31 1.54 0.00	38.82 1.56 0.00	44.30 1.50 0.00	40.35 1.71 0.00	46.35 2.10 -3.01	55.69 2.96 -0.75	54.99 2.30 -14.10	51.22 2.61 -1.44	49.08 2.53 0.00	41.38 2.29 0.00	42.43 2.23 0.00	45.72 2.50 0.00	43.29 2.26 0.00	42.30 2.23 0.00	50.14 2.51 -5.91	91.13 3.22 -37.72	103.22 3.39 -43.42	82.66 3.97 -10.70	46.61 1.91 -12.27	65.44 1.36 -40.68	46.29 1.92 -6.45	49.67 2.36 -0.29

KENSICO____ 23655	48.27 1.29 0.00	49.18 1.11 0.00	42.73 0.95 0.00	38.32 1.06 0.00	43.73 0.94 0.00	39.82 1.18 0.00	45.81 1.57 -3.01	54.97 2.23 -0.75	54.36 1.70 -14.07	50.71 2.10 -1.43	48.62 2.08 0.00	40.86 1.77 0.00	41.94 1.74 0.00	45.05 1.83 0.00	42.81 1.78 0.00	41.92 1.86 0.00	49.58 1.96 -5.90	90.26 2.42 -37.65	102.40 2.65 -43.35	81.80 3.13 -10.68	46.16 1.48 -12.24	65.05 1.04 -40.60	45.89 1.53 -6.43	49.03 1.72 -0.29
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	48.82 1.84 0.00	49.88 1.81 0.00	43.40 1.62 0.00	38.89 1.63 0.00	44.51 1.71 0.00	40.48 1.84 0.00	47.02 2.30 -3.48	55.99 3.14 -0.87	54.39 2.35 -13.45	51.42 2.88 -1.37	49.34 2.79 0.00	41.45 2.36 0.00	42.61 2.41 0.00	45.72 2.51 0.00	43.42 2.39 0.00	42.51 2.44 0.00	49.97 2.63 -5.62	89.36 3.31 -35.86	101.38 3.68 -41.29	82.47 4.31 -10.17	46.10 2.00 -11.66	63.47 1.39 -38.68	46.11 2.06 -6.13	49.63 2.34 -0.28
KIAC_JFK_GT1 23816	48.21 1.23 0.00	49.06 0.99 0.00	42.67 0.89 0.00	38.46 1.20 0.00	43.66 0.86 0.00	39.84 1.20 0.00	45.75 1.51 -3.01	54.84 2.10 -0.76	54.34 1.65 -14.10	50.75 2.14 -1.44	48.60 2.05 0.00	41.18 2.08 0.00	42.39 2.19 0.00	45.33 2.12 0.00	43.19 2.15 0.00	42.34 2.28 0.00	49.89 2.25 -5.92	90.50 2.58 -37.72	102.61 2.78 -43.43	82.00 3.31 -10.70	46.24 1.53 -12.27	65.30 1.22 -40.68	46.19 1.81 -6.45	49.24 1.93 -0.29
KIAC_JFK_GT2 23817	48.21 1.23 0.00	49.06 0.99 0.00	42.67 0.89 0.00	38.46 1.20 0.00	43.66 0.86 0.00	39.84 1.20 0.00	45.75 1.51 -3.01	54.84 2.10 -0.76	54.34 1.65 -14.10	50.75 2.14 -1.44	48.60 2.05 0.00	41.18 2.08 0.00	42.39 2.19 0.00	45.33 2.12 0.00	43.19 2.15 0.00	42.34 2.28 0.00	49.89 2.25 -5.92	90.50 2.58 -37.72	102.61 2.78 -43.43	82.00 3.31 -10.70	46.24 1.53 -12.27	65.30 1.22 -40.68	46.19 1.81 -6.45	49.24 1.93 -0.29
KIAC_JFK____ 323774	48.20 1.23 0.00	49.06 0.99 0.00	42.67 0.89 0.00	38.46 1.20 0.00	43.65 0.86 0.00	39.83 1.19 0.00	45.75 1.51 -3.01	54.83 2.09 -0.76	54.34 1.65 -14.10	50.74 2.12 -1.44	48.60 2.05 0.00	41.17 2.07 0.00	42.36 2.16 0.00	45.32 2.11 0.00	43.16 2.13 0.00	42.33 2.27 0.00	49.89 2.26 -5.92	90.50 2.58 -37.72	102.61 2.77 -43.43	82.01 3.32 -10.70	46.24 1.53 -12.27	65.30 1.21 -40.68	46.19 1.81 -6.45	49.24 1.93 -0.29
KINTIGH____ 23543	43.71 -3.27 0.00	44.99 -3.08 0.00	38.87 -2.91 0.00	34.66 -2.60 0.00	40.17 -2.63 0.00	35.91 -2.73 0.00	38.23 -2.78 0.22	44.09 -3.91 3.98	33.19 -3.24 2.16	39.77 -3.83 3.57	39.51 -3.63 3.41	33.15 -3.02 2.93	34.31 -2.89 3.00	37.06 -2.96 3.19	35.07 -2.91 3.05	35.48 -2.97 1.62	37.76 -3.12 0.84	53.22 -2.94 -5.96	60.16 -3.10 -6.87	65.99 -3.69 -1.69	32.34 -2.03 -1.94	27.20 -1.43 -5.23	35.70 -2.26 -0.03	44.25 -2.77 -0.01
KNTFSRNC_46_KV_46KV_LOAD 80397	49.73 2.75 0.00	50.77 2.71 0.00	43.95 2.18 0.00	39.13 1.87 0.00	44.95 2.15 0.00	40.36 1.73 0.00	43.01 1.78 0.00	53.79 1.81 0.00	40.00 1.41 0.00	49.12 1.94 0.00	48.21 1.66 0.00	40.49 1.39 0.00	41.74 1.54 0.00	44.75 1.54 0.00	42.30 1.27 0.00	40.42 0.36 0.00	41.53 -0.19 0.00	64.36 -0.84 -15.00	87.30 -0.84 -31.74	82.65 -1.08 -15.74	42.01 -0.27 -9.84	23.38 -0.02 0.00	37.93 0.00 0.00	46.61 -0.40 0.00
LACHUTE__HYDRO 323717	53.93 6.95 0.00	54.89 6.82 0.00	47.41 5.64 0.00	42.40 5.14 0.00	49.09 6.30 0.00	44.43 5.79 0.00	78.23 6.57 -30.43	67.85 8.24 -7.62	62.22 6.07 -17.56	56.27 7.30 -1.79	53.40 6.85 0.00	44.75 5.66 0.00	45.75 5.55 0.00	49.19 5.98 0.00	46.87 5.83 0.00	46.01 5.94 0.00	55.69 6.60 -7.37	105.07 7.90 -46.97	119.18 8.70 -54.08	91.74 10.42 -13.32	52.50 4.79 -15.28	77.31 3.25 -50.66	51.10 5.15 -8.02	54.37 6.99 -0.36
LAWRNCALV_115KV_TB1 80681	53.30 6.32 0.00	54.28 6.21 0.00	47.07 5.30 0.00	41.93 4.67 0.00	48.61 5.82 0.00	43.75 5.11 0.00	47.30 6.06 0.00	59.60 7.61 0.00	44.05 4.90 -0.56	52.39 5.16 -0.06	52.45 5.90 0.00	43.72 4.63 0.00	44.97 4.77 0.00	49.07 5.85 0.00	45.73 4.70 0.00	43.29 3.22 0.00	45.05 3.10 -0.23	55.90 3.34 -2.36	63.88 3.93 -3.56	73.57 4.25 -1.34	35.41 1.91 -1.06	26.77 1.75 -1.61	42.04 3.86 -0.25	51.25 4.22 -0.01
LEDERLE____ 23769	48.21 1.23 0.00	49.09 1.03 0.00	42.62 0.85 0.00	38.20 0.94 0.00	43.65 0.86 0.00	39.75 1.11 0.00	45.57 1.48 -2.85	54.82 2.12 -0.71	53.62 1.59 -13.44	50.52 1.98 -1.37	48.54 1.99 0.00	40.73 1.64 0.00	41.82 1.62 0.00	44.91 1.70 0.00	42.71 1.68 0.00	41.83 1.76 0.00	49.18 1.83 -5.64	88.47 2.30 -35.96	100.37 2.56 -41.41	81.18 2.99 -10.20	45.55 1.42 -11.69	63.18 0.99 -38.79	45.52 1.44 -6.15	48.91 1.62 -0.28
LIGHTHSE_115KV_TB6 355974	46.49 -0.49 0.00	47.38 -0.69 0.00	41.26 -0.51 0.00	36.89 -0.37 0.00	42.71 -0.08 0.00	38.61 -0.03 0.00	41.47 0.24 0.00	52.46 0.47 0.00	39.82 -0.12 -1.35	46.67 -0.65 -0.14	46.06 -0.49 0.00	38.61 -0.48 0.00	39.76 -0.45 0.00	42.78 -0.44 0.00	40.48 -0.55 0.00	39.57 -0.49 0.00	41.99 -0.29 -0.57	53.72 -0.10 -3.62	60.55 -0.03 -4.17	68.81 -0.22 -1.03	33.41 -0.20 -1.18	27.16 -0.15 -3.91	38.36 -0.62 -0.03	46.69 -0.35 0.00
LINDEN COGEN____ 23786	48.01 1.03 0.00	48.86 0.79 0.00	42.46 0.69 0.00	38.17 0.91 0.00	43.45 0.65 0.00	39.64 1.01 0.00	45.65 1.40 -3.01	54.75 2.01 -0.76	54.27 1.58 -14.10	50.60 1.98 -1.44	48.51 1.96 0.00	40.81 1.72 0.00	41.87 1.67 0.00	44.94 1.73 0.00	42.74 1.71 0.00	41.89 1.82 0.00	49.51 1.88 -5.92	90.23 2.32 -37.72	102.35 2.51 -43.43	81.64 2.95 -10.70	46.13 1.42 -12.27	65.09 1.00 -40.68	45.83 1.45 -6.45	48.86 1.55 -0.29
LINDHRST_69_KV_BK1 356055	49.24 2.26 0.00	50.29 2.23 0.00	43.60 1.83 0.00	39.08 1.82 0.00	44.58 1.79 0.00	40.62 1.99 0.00	46.63 2.39 -3.01	56.13 3.39 -0.75	55.33 2.64 -14.10	51.41 2.80 -1.44	49.19 2.64 0.00	41.51 2.41 0.00	42.55 2.35 0.00	45.92 2.71 0.00	43.41 2.37 0.00	42.34 2.28 0.00	50.29 2.66 -5.91	91.50 3.58 -37.72	103.51 3.68 -43.42	82.98 4.29 -10.70	46.76 2.06 -12.27	65.55 1.47 -40.68	46.42 2.05 -6.45	49.97 2.66 -0.29
LIPA_MISC_IPP 23656	48.98 2.01 0.00	50.05 1.98 0.00	43.40 1.62 0.00	38.90 1.64 0.00	44.37 1.58 0.00	40.47 1.83 0.00	46.48 2.23 -3.01	55.94 3.20 -0.75	55.16 2.47 -14.10	50.69 2.08 -1.44	48.25 1.70 0.00	40.75 1.66 0.00	41.74 1.53 0.00	45.13 1.92 0.00	42.68 1.64 0.00	41.65 1.58 0.00	49.56 1.93 -5.91	90.82 2.91 -37.72	102.56 2.73 -43.42	81.75 3.06 -10.70	46.21 1.50 -12.27	65.09 1.01 -40.68	45.68 1.30 -6.45	49.63 2.33 -0.29
LISF__SOLAR 323691	49.09 2.11 0.00	50.15 2.08 0.00	43.48 1.70 0.00	38.97 1.71 0.00	44.46 1.66 0.00	40.54 1.91 0.00	46.57 2.32 -3.01	56.07 3.33 -0.75	55.25 2.57 -14.10	50.76 2.15 -1.44	48.29 1.75 0.00	40.80 1.70 0.00	41.76 1.56 0.00	45.18 1.97 0.00	42.75 1.72 0.00	41.69 1.63 0.00	49.63 2.00 -5.91	90.94 3.03 -37.72	102.69 2.86 -43.42	81.91 3.22 -10.70	46.28 1.57 -12.27	65.14 1.05 -40.68	45.74 1.36 -6.45	49.73 2.43 -0.29

LITTLE FALLS___HYD 24013	47.52 0.54 0.00	48.58 0.51 0.00	42.27 0.49 0.00	37.72 0.46 0.00	43.23 0.44 0.00	39.21 0.58 0.00	42.03 0.79 0.00	52.98 1.00 0.00	39.60 0.78 -0.23	48.21 1.01 -0.02	47.23 0.68 0.00	39.42 0.32 0.00	40.46 0.26 0.00	43.67 0.46 0.00	41.41 0.37 0.00	40.62 0.56 0.00	42.38 0.56 -0.10	51.59 0.77 -0.62	58.03 0.92 -0.71	69.28 1.11 -0.18	33.07 0.43 -0.20	24.42 0.35 -0.67	38.51 0.48 -0.11	47.56 0.54 0.00
LITTLRIV_115KV_TB1 356100	54.08 7.10 0.00	55.07 7.00 0.00	47.73 5.95 0.00	42.49 5.23 0.00	49.31 6.51 0.00	44.48 5.84 0.00	48.22 6.99 0.00	60.69 8.71 0.00	44.75 5.60 -0.56	53.09 5.85 -0.06	53.16 6.61 0.00	44.24 5.15 0.00	45.50 5.29 0.00	49.68 6.46 0.00	46.25 5.21 0.00	43.98 3.91 0.00	45.81 3.86 -0.23	56.93 4.37 -2.36	65.17 5.21 -3.56	75.14 5.81 -1.34	36.13 2.63 -1.06	27.25 2.23 -1.61	42.77 4.59 -0.25	52.06 5.03 -0.01
LI_NEWBRDGE___DRP 323616	48.53 1.55 0.00	49.56 1.49 0.00	43.00 1.23 0.00	38.57 1.31 0.00	43.97 1.18 0.00	40.06 1.42 0.00	46.02 1.77 -3.01	55.28 2.55 -0.75	54.67 1.99 -14.10	50.79 2.18 -1.44	48.63 2.09 0.00	41.01 1.92 0.00	42.04 1.84 0.00	45.30 2.09 0.00	42.89 1.86 0.00	41.91 1.84 0.00	49.71 2.08 -5.91	90.61 2.69 -37.72	102.58 2.76 -43.42	81.90 3.21 -10.70	46.27 1.56 -12.27	65.20 1.11 -40.68	45.91 1.54 -6.45	49.26 1.95 -0.29
LOCKPORT_115KV_TB60_63_64 80432	43.47 -3.51 0.00	44.76 -3.31 0.00	38.61 -3.17 0.00	34.44 -2.82 0.00	40.02 -2.78 0.00	35.70 -2.94 0.00	37.86 -3.05 0.33	41.43 -4.47 6.09	30.56 -3.74 4.30	37.18 -4.43 5.56	37.17 -4.18 5.20	31.14 -3.49 4.47	32.27 -3.36 4.57	34.87 -3.46 4.88	32.99 -3.38 4.66	34.26 -3.36 2.45	36.37 -3.71 1.64	53.25 -3.36 -6.41	60.37 -3.42 -7.38	65.76 -4.05 -1.82	32.27 -2.26 -2.09	26.90 -1.63 -5.12	35.02 -2.52 0.38	44.06 -2.94 0.01
LOCKPORT___CC1 323769	43.38 -3.60 0.00	44.68 -3.40 0.00	38.54 -3.23 0.00	34.39 -2.87 0.00	39.96 -2.84 0.00	35.64 -3.00 0.00	37.73 -3.11 0.40	40.22 -4.49 7.28	29.27 -3.73 5.59	36.05 -4.43 6.70	36.13 -4.19 6.22	30.29 -3.46 5.35	31.38 -3.35 5.47	33.90 -3.47 5.84	32.09 -3.37 5.58	33.70 -3.43 2.93	35.86 -3.71 2.15	53.26 -3.40 -6.47	60.37 -3.49 -7.45	65.72 -4.11 -1.84	32.26 -2.28 -2.10	26.58 -1.65 -4.83	34.73 -2.54 0.66	43.95 -3.04 0.02
LOCKPORT___CC2 323770	43.38 -3.60 0.00	44.68 -3.40 0.00	38.54 -3.23 0.00	34.39 -2.87 0.00	39.96 -2.84 0.00	35.64 -3.00 0.00	37.73 -3.11 0.40	40.22 -4.49 7.28	29.27 -3.73 5.59	36.05 -4.43 6.70	36.13 -4.19 6.22	30.29 -3.46 5.35	31.38 -3.35 5.47	33.90 -3.47 5.84	32.09 -3.37 5.58	33.70 -3.43 2.93	35.86 -3.71 2.15	53.26 -3.40 -6.47	60.37 -3.49 -7.45	65.72 -4.11 -1.84	32.26 -2.28 -2.10	26.58 -1.65 -4.83	34.73 -2.54 0.66	43.95 -3.04 0.02
LOCKPORT___CC3 323771	43.38 -3.60 0.00	44.68 -3.40 0.00	38.54 -3.23 0.00	34.39 -2.87 0.00	39.96 -2.84 0.00	35.64 -3.00 0.00	37.73 -3.11 0.40	40.22 -4.49 7.28	29.27 -3.73 5.59	36.05 -4.43 6.70	36.13 -4.19 6.22	30.29 -3.46 5.35	31.38 -3.35 5.47	33.90 -3.47 5.84	32.09 -3.37 5.58	33.70 -3.43 2.93	35.86 -3.71 2.15	53.26 -3.40 -6.47	60.37 -3.49 -7.45	65.72 -4.11 -1.84	32.26 -2.28 -2.10	26.58 -1.65 -4.83	34.73 -2.54 0.66	43.95 -3.04 0.02
LONG_LAKE_PHOENIX 24014	46.24 -0.74 0.00	47.26 -0.81 0.00	41.12 -0.66 0.00	36.72 -0.54 0.00	42.39 -0.40 0.00	38.28 -0.36 0.00	40.91 -0.32 0.00	51.62 -0.37 0.00	39.64 -0.46 -1.51	46.63 -0.70 -0.15	45.90 -0.64 0.00	38.57 -0.53 0.00	39.70 -0.50 0.00	42.69 -0.52 0.00	40.49 -0.54 0.00	39.59 -0.47 0.00	41.96 -0.39 -0.63	54.01 -0.22 -4.04	60.90 -0.15 -4.65	68.92 -0.22 -1.15	33.53 -0.22 -1.31	27.61 -0.15 -4.36	38.39 -0.23 -0.69	46.69 -0.36 -0.03
LOVETT___3 23632	48.00 1.02 0.00	48.89 0.82 0.00	42.46 0.69 0.00	38.07 0.81 0.00	43.48 0.68 0.00	39.59 0.95 0.00	45.42 1.30 -2.88	54.57 1.86 -0.72	53.54 1.41 -13.54	50.30 1.75 -1.38	48.30 1.75 0.00	40.54 1.44 0.00	41.62 1.42 0.00	44.69 1.48 0.00	42.50 1.47 0.00	41.62 1.55 0.00	49.02 1.62 -5.68	88.48 2.03 -36.25	100.39 2.25 -41.74	80.89 2.61 -10.28	45.47 1.24 -11.79	63.37 0.87 -39.10	45.39 1.26 -6.20	48.72 1.42 -0.28
LOVETT___4 23642	48.00 1.02 0.00	48.89 0.82 0.00	42.46 0.69 0.00	38.07 0.81 0.00	43.48 0.68 0.00	39.59 0.95 0.00	45.42 1.30 -2.88	54.57 1.86 -0.72	53.54 1.41 -13.54	50.30 1.75 -1.38	48.30 1.75 0.00	40.54 1.44 0.00	41.62 1.42 0.00	44.69 1.48 0.00	42.50 1.47 0.00	41.62 1.55 0.00	49.02 1.62 -5.68	88.48 2.03 -36.25	100.39 2.25 -41.74	80.89 2.61 -10.28	45.47 1.24 -11.79	63.37 0.87 -39.10	45.39 1.26 -6.20	48.72 1.42 -0.28
LOVETT___5 23593	48.00 1.02 0.00	48.89 0.82 0.00	42.46 0.69 0.00	38.07 0.81 0.00	43.48 0.68 0.00	39.59 0.95 0.00	45.42 1.30 -2.88	54.57 1.86 -0.72	53.54 1.41 -13.54	50.30 1.75 -1.38	48.30 1.75 0.00	40.54 1.44 0.00	41.62 1.42 0.00	44.69 1.48 0.00	42.50 1.47 0.00	41.62 1.55 0.00	49.02 1.62 -5.68	88.48 2.03 -36.25	100.39 2.25 -41.74	80.89 2.61 -10.28	45.47 1.24 -11.79	63.37 0.87 -39.10	45.39 1.26 -6.20	48.72 1.42 -0.28
LOWER RAQUET___HYD 24057	53.02 6.04 0.00	54.00 5.93 0.00	46.82 5.04 0.00	41.71 4.45 0.00	48.35 5.56 0.00	43.52 4.88 0.00	47.06 5.82 0.00	59.29 7.30 0.00	43.82 4.67 -0.56	52.13 4.89 -0.06	52.17 5.62 0.00	43.51 4.42 0.00	44.73 4.53 0.00	48.77 5.56 0.00	45.44 4.41 0.00	43.05 2.99 0.00	44.79 2.84 -0.23	55.60 3.04 -2.36	63.53 3.57 -3.56	73.16 3.84 -1.34	35.21 1.72 -1.06	26.63 1.61 -1.61	41.82 3.64 -0.25	50.97 3.94 -0.01
LOWER___HUDSON 24059	48.92 1.94 0.00	50.00 1.93 0.00	43.47 1.70 0.00	38.79 1.53 0.00	44.55 1.75 0.00	40.30 1.66 0.00	69.97 1.89 -26.85	61.06 2.35 -6.72	57.62 1.69 -17.34	50.96 2.01 -1.77	48.42 1.87 0.00	40.56 1.47 0.00	41.66 1.46 0.00	44.73 1.52 0.00	42.52 1.49 0.00	41.63 1.56 0.00	50.71 1.72 -7.27	98.56 1.97 -46.39	112.07 2.26 -53.41	83.77 2.62 -13.16	48.73 1.20 -15.09	74.29 0.85 -50.03	47.25 1.40 -7.92	49.09 1.71 -0.36
LOWVILLE_115KV_TB2 356335	48.45 1.47 0.00	49.10 1.04 0.00	42.82 1.04 0.00	38.33 1.07 0.00	44.52 1.73 0.00	40.36 1.73 0.00	43.55 2.32 0.00	55.27 3.28 0.00	40.72 1.40 -0.73	48.13 0.87 -0.07	47.84 1.29 0.00	40.07 0.97 0.00	41.11 0.91 0.00	44.20 0.99 0.00	41.71 0.67 0.00	40.78 0.72 0.00	43.45 1.42 -0.31	54.22 2.06 -1.96	60.68 2.02 -2.26	69.91 1.36 -0.56	33.41 0.33 -0.64	25.78 0.26 -2.12	38.93 0.67 -0.33	47.61 0.58 -0.02
LUTHERFT_115KV_GLOB_FND_222 355753	50.06 3.08 0.00	51.19 3.12 0.00	44.46 2.68 0.00	39.68 2.42 0.00	45.64 2.85 0.00	41.32 2.68 0.00	75.31 3.07 -31.01	63.62 3.87 -7.77	58.99 2.80 -17.60	52.36 3.39 -1.79	49.75 3.20 0.00	41.67 2.58 0.00	42.77 2.57 0.00	45.94 2.72 0.00	43.66 2.63 0.00	42.74 2.67 0.00	52.01 2.91 -7.38	100.79 3.50 -47.08	114.54 3.93 -54.21	85.99 4.64 -13.35	49.86 2.11 -15.31	75.68 1.50 -50.78	48.35 2.38 -8.04	50.28 2.90 -0.36

LUTHERNY_35_KV_BK2 355980	50.08 3.10 0.00	51.28 3.21 0.00	44.50 2.72 0.00	39.71 2.45 0.00	45.66 2.87 0.00	41.34 2.70 0.00	75.35 3.11 -31.01	63.67 3.92 -7.77	59.00 2.81 -17.60	52.44 3.47 -1.79	49.79 3.24 0.00	41.70 2.61 0.00	42.84 2.64 0.00	45.96 2.75 0.00	43.69 2.66 0.00	42.77 2.71 0.00	52.08 2.98 -7.38	100.80 3.51 -47.08	114.59 3.98 -54.21	86.08 4.74 -13.35	49.89 2.14 -15.31	75.70 1.52 -50.78	48.39 2.42 -8.04	50.28 2.90 -0.36
LWR___OSWEGATCHIE_HYD 23850	50.73 3.76 0.00	51.54 3.47 0.00	44.82 3.04 0.00	40.01 2.75 0.00	46.47 3.67 0.00	41.95 3.31 0.00	45.34 4.11 0.00	57.31 5.33 0.00	42.33 3.06 -0.68	50.11 2.86 -0.07	49.99 3.45 0.00	41.76 2.66 0.00	42.90 2.70 0.00	46.53 3.31 0.00	43.57 2.53 0.00	41.83 1.76 0.00	44.01 2.00 -0.29	54.97 2.35 -2.42	62.38 2.63 -3.36	71.62 2.48 -1.14	34.43 1.01 -0.98	26.31 0.93 -1.97	40.40 2.16 -0.31	49.25 2.23 -0.01
LYONS_FALL_HYD 23570	48.29 1.31 0.00	49.08 1.01 0.00	42.75 0.97 0.00	38.22 0.95 0.00	44.24 1.45 0.00	40.09 1.45 0.00	43.15 1.92 0.00	54.67 2.69 0.00	40.58 1.32 -0.67	48.33 1.08 -0.07	47.89 1.34 0.00	40.14 1.05 0.00	41.21 1.01 0.00	44.28 1.07 0.00	41.90 0.86 0.00	40.98 0.92 0.00	43.39 1.40 -0.28	53.91 1.93 -1.78	60.40 1.95 -2.05	70.16 1.66 -0.51	33.59 0.58 -0.58	25.75 0.43 -1.92	39.05 0.82 -0.30	47.85 0.82 -0.01
MADISON___COUNTY_LFGE 323628	47.79 0.81 0.00	48.79 0.72 0.00	42.41 0.64 0.00	37.87 0.61 0.00	43.69 0.89 0.00	39.56 0.92 0.00	42.49 1.26 0.00	53.70 1.72 0.00	40.71 1.10 -1.02	48.50 1.22 -0.10	47.79 1.24 0.00	40.13 1.04 0.00	41.26 1.06 0.00	44.28 1.07 0.00	42.03 0.99 0.00	41.13 1.07 0.00	43.42 1.27 -0.43	54.59 1.67 -2.72	61.33 1.79 -3.14	70.77 2.01 -0.77	34.18 0.86 -0.88	26.92 0.58 -2.94	39.31 0.92 -0.47	48.07 1.04 -0.02
MALONE___115KV_TB1 356076	50.32 3.35 0.00	51.40 3.33 0.00	44.53 2.76 0.00	39.62 2.36 0.00	45.66 2.86 0.00	41.05 2.41 0.00	43.92 2.69 0.00	55.19 3.20 0.00	41.15 2.32 -0.24	49.90 2.70 -0.03	49.36 2.82 0.00	41.37 2.27 0.00	42.57 2.37 0.00	45.90 2.69 0.00	43.24 2.21 0.00	41.44 1.38 0.00	42.96 1.14 -0.10	53.32 0.91 -2.22	61.53 1.06 -4.07	71.04 1.22 -1.83	34.39 0.72 -1.24	24.77 0.66 -0.70	39.33 1.30 -0.11	48.16 1.14 0.00
MAPLEWOD_115KV_TB3 80458	48.79 1.81 0.00	49.87 1.80 0.00	43.37 1.60 0.00	38.72 1.46 0.00	44.41 1.62 0.00	40.22 1.58 0.00	65.67 1.81 -22.63	59.92 2.28 -5.67	57.53 1.67 -17.27	50.93 1.99 -1.76	48.43 1.89 0.00	40.60 1.51 0.00	41.71 1.51 0.00	44.79 1.57 0.00	42.58 1.54 0.00	41.67 1.61 0.00	50.71 1.75 -7.25	98.45 2.05 -46.21	111.95 2.35 -53.20	83.81 2.71 -13.10	48.71 1.25 -15.03	74.12 0.88 -49.84	47.26 1.44 -7.89	49.08 1.70 -0.36
MAPLE_RIDGE_WT_1 323574	46.53 -0.45 0.00	47.62 -0.45 0.00	41.41 -0.36 0.00	36.77 -0.49 0.00	42.32 -0.47 0.00	38.11 -0.53 0.00	40.38 -0.86 0.00	50.82 -1.17 0.00	37.80 -0.79 0.00	46.29 -0.89 0.00	45.91 -0.63 0.00	38.64 -0.45 0.00	39.55 -0.65 0.00	5.12 -1.12 36.97	-39.00 -0.97 79.06	7.14 -0.89 32.04	40.88 -0.84 0.00	49.17 -1.03 0.00	55.08 -1.33 0.00	66.19 -1.80 0.00	31.63 -0.81 0.00	22.98 -0.42 0.00	37.26 -0.67 0.00	46.17 -0.85 0.00
MAPLE_RIDGE_WT_2 323611	46.53 -0.45 0.00	47.62 -0.45 0.00	41.41 -0.36 0.00	36.77 -0.49 0.00	42.32 -0.47 0.00	38.11 -0.53 0.00	40.38 -0.86 0.00	50.82 -1.17 0.00	37.80 -0.79 0.00	46.29 -0.89 0.00	45.91 -0.63 0.00	38.64 -0.45 0.00	39.55 -0.65 0.00	5.12 -1.12 36.97	-39.00 -0.97 79.06	7.14 -0.89 32.04	40.88 -0.84 0.00	49.17 -1.03 0.00	55.08 -1.33 0.00	66.19 -1.80 0.00	31.63 -0.81 0.00	22.98 -0.42 0.00	37.26 -0.67 0.00	46.17 -0.85 0.00
MARBLE_RIVER_WT_PWR 323696	49.65 2.67 0.00	50.68 2.61 0.00	43.82 2.05 0.00	38.98 1.72 0.00	44.75 1.96 0.00	40.13 1.49 0.00	42.72 1.48 0.00	53.26 1.27 0.00	39.61 1.02 0.00	48.77 1.60 0.00	47.74 1.20 0.00	40.06 0.97 0.00	41.23 1.03 0.00	44.09 0.87 0.00	41.62 0.58 0.00	39.42 -0.65 0.00	40.21 -1.50 0.00	20.99 -2.61 26.60	-2.68 -2.81 56.28	36.56 -3.53 27.91	13.60 -1.38 17.46	22.77 -0.64 0.00	36.95 -0.97 0.00	45.33 -1.69 0.00
MARSHVLE_115KV_TB1 80742	49.19 2.21 0.00	50.26 2.19 0.00	43.64 1.86 0.00	38.85 1.59 0.00	44.74 1.95 0.00	40.37 1.73 0.00	72.48 1.97 -29.28	61.89 2.57 -7.33	60.30 1.91 -19.80	51.71 2.52 -2.02	48.99 2.44 0.00	40.93 1.84 0.00	42.05 1.85 0.00	45.25 2.04 0.00	42.94 1.91 0.00	41.90 1.84 0.00	51.96 1.94 -8.30	105.89 2.72 -52.97	120.45 3.06 -60.99	86.60 3.58 -15.02	51.30 1.63 -17.22	81.81 1.28 -57.13	48.97 2.00 -9.04	49.69 2.26 -0.41
MARSH_HILL_WT_PWR 323713	41.73 -5.24 0.00	43.31 -4.76 0.00	37.54 -4.24 0.00	33.77 -3.49 0.00	39.41 -3.38 0.00	35.27 -3.37 0.00	39.83 -3.61 -2.20	71.95 -4.79 -24.76	64.94 -3.84 -30.19	66.03 -4.88 -23.74	62.62 -4.92 -20.99	52.88 -4.24 -18.03	54.29 -4.36 -18.45	58.23 -4.67 -19.69	55.58 -4.26 -18.81	45.96 -4.05 -9.95	49.87 -4.00 -12.15	55.25 -3.40 -8.45	63.40 -2.74 -9.73	67.51 -2.89 -2.40	33.64 -1.55 -2.75	38.68 -1.20 -16.48	43.19 -2.23 -7.50	44.02 -3.30 -0.31
MCINTYRE_115KV_TB2 80467	54.88 7.90 0.00	55.91 7.84 0.00	48.42 6.64 0.00	43.09 5.83 0.00	50.04 7.25 0.00	45.21 6.57 0.00	49.13 7.90 0.00	61.78 9.80 0.00	45.42 6.28 -0.56	53.75 6.51 -0.06	53.82 7.27 0.00	44.69 5.60 0.00	45.96 5.76 0.00	50.25 7.03 0.00	46.80 5.77 0.00	44.59 4.53 0.00	46.48 4.53 -0.23	57.85 5.29 -2.36	66.32 6.36 -3.56	76.53 7.20 -1.34	36.76 3.27 -1.06	27.69 2.68 -1.61	43.45 5.27 -0.25	52.82 5.79 -0.01
MECO_____69_KV_BK1 80468	49.91 2.94 0.00	51.00 2.93 0.00	44.29 2.52 0.00	39.37 2.11 0.00	45.44 2.64 0.00	41.12 2.48 0.00	75.56 2.90 -31.42	63.65 3.80 -7.87	60.39 2.74 -19.06	52.51 3.40 -1.94	49.74 3.20 0.00	41.46 2.37 0.00	42.53 2.32 0.00	45.97 2.76 0.00	43.66 2.63 0.00	42.68 2.62 0.00	52.56 2.85 -7.99	105.01 3.83 -50.98	119.39 4.29 -58.69	87.49 5.04 -14.46	51.31 2.29 -16.58	80.04 1.65 -54.98	49.18 2.55 -8.70	50.34 2.93 -0.39
MENANDS___115KV_TB5 355628	48.69 1.72 0.00	49.78 1.72 0.00	43.30 1.53 0.00	38.65 1.39 0.00	44.33 1.54 0.00	40.14 1.50 0.00	64.75 1.70 -21.81	59.58 2.13 -5.46	57.38 1.55 -17.24	50.80 1.87 -1.76	48.32 1.77 0.00	40.52 1.42 0.00	41.63 1.42 0.00	44.69 1.48 0.00	42.48 1.44 0.00	41.57 1.51 0.00	50.59 1.64 -7.23	98.22 1.90 -46.12	111.69 2.18 -53.11	83.58 2.51 -13.08	48.59 1.16 -15.00	73.97 0.82 -49.74	47.16 1.36 -7.87	48.98 1.61 -0.36
MG INDUSTRY___DRP 24185	48.44 1.46 0.00	49.56 1.49 0.00	43.14 1.36 0.00	38.52 1.26 0.00	44.17 1.38 0.00	39.96 1.32 0.00	53.22 1.48 -10.51	56.48 1.86 -2.63	56.74 1.32 -16.83	50.45 1.56 -1.71	47.99 1.45 0.00	40.24 1.14 0.00	41.38 1.18 0.00	44.48 1.26 0.00	42.28 1.25 0.00	41.36 1.29 0.00	50.20 1.42 -7.06	96.92 1.72 -45.00	110.18 1.97 -51.81	83.01 2.25 -12.76	48.12 1.04 -14.64	72.72 0.78 -48.54	46.89 1.28 -7.68	48.89 1.53 -0.35

MID___OSWEGATCHIE_HYD 23849	50.73 3.76 0.00	51.54 3.47 0.00	44.82 3.04 0.00	40.01 2.75 0.00	46.47 3.67 0.00	41.95 3.31 0.00	45.34 4.11 0.00	57.31 5.33 0.00	42.33 3.06 -0.68	50.11 2.86 -0.07	49.99 3.45 0.00	41.76 2.66 0.00	42.90 2.70 0.00	46.53 3.31 0.00	43.57 2.53 0.00	41.83 1.76 0.00	44.01 2.00 -0.29	54.97 2.35 -2.42	62.38 2.63 -3.36	71.62 2.48 -1.14	34.43 1.01 -0.98	26.31 0.93 -1.97	40.40 2.16 -0.31	49.25 2.23 -0.01
MID___RAQUETTE_HYD 23851	53.02 6.04 0.00	54.00 5.93 0.00	46.82 5.05 0.00	41.71 4.45 0.00	48.35 5.56 0.00	43.52 4.88 0.00	47.06 5.82 0.00	59.28 7.30 0.00	43.82 4.67 -0.56	52.12 4.89 -0.06	52.17 5.63 0.00	43.50 4.41 0.00	44.72 4.53 0.00	48.77 5.56 0.00	45.44 4.41 0.00	43.05 2.99 0.00	44.80 2.85 -0.23	55.60 3.04 -2.36	63.53 3.58 -3.56	73.17 3.84 -1.34	35.22 1.72 -1.06	26.63 1.61 -1.61	41.82 3.63 -0.25	50.97 3.94 -0.01
MILLIKEN___1 23584	46.67 -0.30 0.00	47.78 -0.29 0.00	41.51 -0.27 0.00	37.04 -0.22 0.00	42.66 -0.14 0.00	38.57 -0.07 0.00	42.36 0.13 -0.99	54.18 0.19 -2.01	43.59 -0.02 -5.03	49.10 -0.09 -2.02	48.05 -0.03 -1.53	40.38 -0.03 -1.31	41.50 -0.04 -1.34	44.69 0.04 -1.43	42.35 -0.05 -1.37	40.87 0.08 -0.72	43.83 0.04 -2.07	58.84 0.45 -8.19	66.48 0.65 -9.43	71.16 0.84 -2.32	35.37 0.27 -2.66	32.95 0.17 -9.37	40.00 0.24 -1.84	47.30 0.20 -0.08
MILLIKEN___2 23585	46.67 -0.30 0.00	47.78 -0.29 0.00	41.51 -0.27 0.00	37.04 -0.22 0.00	42.66 -0.14 0.00	38.57 -0.07 0.00	42.36 0.13 -0.99	54.18 0.19 -2.01	43.59 -0.02 -5.03	49.10 -0.09 -2.02	48.05 -0.03 -1.53	40.38 -0.03 -1.31	41.50 -0.04 -1.34	44.69 0.04 -1.43	42.35 -0.05 -1.37	40.87 0.08 -0.72	43.83 0.04 -2.07	58.84 0.45 -8.19	66.48 0.65 -9.43	71.16 0.84 -2.32	35.37 0.27 -2.66	32.95 0.17 -9.37	40.00 0.24 -1.84	47.30 0.20 -0.08
MILLIKEN___DIESEL 23629	46.67 -0.30 0.00	47.78 -0.29 0.00	41.51 -0.27 0.00	37.04 -0.22 0.00	42.66 -0.14 0.00	38.57 -0.07 0.00	42.36 0.13 -0.99	54.18 0.19 -2.01	43.59 -0.02 -5.03	49.10 -0.09 -2.02	48.05 -0.03 -1.53	40.38 -0.03 -1.31	41.50 -0.04 -1.34	44.69 0.04 -1.43	42.35 -0.05 -1.37	40.87 0.08 -0.72	43.83 0.04 -2.07	58.84 0.45 -8.19	66.48 0.65 -9.43	71.16 0.84 -2.32	35.37 0.27 -2.66	32.95 0.17 -9.37	40.00 0.24 -1.84	47.30 0.20 -0.08
MILLSEAT___LFGE 323607	44.56 -2.42 0.00	45.83 -2.24 0.00	39.54 -2.23 0.00	35.26 -2.00 0.00	40.97 -1.82 0.00	36.67 -1.97 0.00	39.06 -1.91 0.27	44.25 -2.83 4.90	33.07 -2.44 3.08	39.88 -2.85 4.44	39.72 -2.64 4.20	33.29 -2.20 3.60	34.36 -2.15 3.69	37.13 -2.15 3.93	35.12 -2.15 3.76	35.80 -2.29 1.98	37.92 -2.63 1.16	54.37 -2.02 -6.19	61.77 -1.77 -7.13	67.67 -2.08 -1.76	33.13 -1.32 -2.02	27.65 -0.98 -5.23	36.29 -1.51 0.13	45.20 -1.82 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	48.15 1.17 0.00	49.13 1.06 0.00	42.67 0.90 0.00	38.28 1.02 0.00	43.68 0.89 0.00	39.77 1.13 0.00	45.75 1.51 -3.01	54.88 2.15 -0.75	54.27 1.63 -14.05	50.62 2.01 -1.43	48.55 2.00 0.00	40.78 1.68 0.00	41.86 1.66 0.00	44.95 1.74 0.00	42.73 1.69 0.00	41.84 1.78 0.00	49.48 1.87 -5.89	90.11 2.33 -37.58	102.23 2.56 -43.27	81.64 2.99 -10.66	46.08 1.42 -12.22	64.93 1.00 -40.53	45.81 1.46 -6.42	48.94 1.64 -0.29
MILLWOOD_13_KV_LOAD 356217	48.21 1.23 0.00	49.19 1.12 0.00	42.74 0.96 0.00	38.32 1.06 0.00	43.74 0.94 0.00	39.82 1.18 0.00	45.81 1.57 -3.01	54.96 2.23 -0.75	54.32 1.69 -14.05	50.68 2.08 -1.43	48.60 2.05 0.00	40.83 1.74 0.00	41.91 1.71 0.00	45.01 1.79 0.00	42.79 1.75 0.00	41.90 1.84 0.00	49.56 1.95 -5.89	90.19 2.41 -37.58	102.32 2.65 -43.27	81.78 3.13 -10.66	46.14 1.48 -12.22	64.97 1.03 -40.53	45.86 1.51 -6.42	49.01 1.70 -0.29
MODEL_CITY_ENERGY 24167	43.12 -3.86 0.00	44.41 -3.66 0.00	38.29 -3.49 0.00	34.15 -3.11 0.00	39.66 -3.13 0.00	35.37 -3.27 0.00	37.51 -3.41 0.32	41.20 -4.95 5.83	30.52 -4.08 3.99	37.00 -4.86 5.32	36.95 -4.60 4.99	31.02 -3.79 4.28	32.13 -3.69 4.38	34.71 -3.82 4.68	32.83 -3.73 4.47	33.98 -3.73 2.35	36.14 -4.06 1.51	52.84 -3.85 -6.49	59.86 -4.02 -7.48	65.05 -4.79 -1.84	31.97 -2.58 -2.11	26.84 -1.84 -5.29	34.80 -2.82 0.30	43.71 -3.30 0.01
MODERN_LFGE___ 323580	43.12 -3.86 0.00	44.41 -3.66 0.00	38.29 -3.49 0.00	34.15 -3.11 0.00	39.66 -3.13 0.00	35.37 -3.27 0.00	37.51 -3.41 0.32	41.20 -4.95 5.83	30.52 -4.08 3.99	37.00 -4.86 5.32	36.95 -4.60 4.99	31.02 -3.79 4.28	32.13 -3.69 4.38	34.71 -3.82 4.68	32.83 -3.73 4.47	33.98 -3.73 2.35	36.14 -4.06 1.51	52.84 -3.85 -6.49	59.86 -4.02 -7.48	65.05 -4.79 -1.84	31.97 -2.58 -2.11	26.84 -1.84 -5.29	34.80 -2.82 0.30	43.71 -3.30 0.01
MOHAWK_PAPER___DRP 24187	48.79 1.81 0.00	49.87 1.80 0.00	43.37 1.60 0.00	38.72 1.46 0.00	44.41 1.62 0.00	40.22 1.58 0.00	65.67 1.81 -22.63	59.92 2.28 -5.67	57.53 1.67 -17.27	50.93 1.99 -1.76	48.43 1.89 0.00	40.60 1.51 0.00	41.71 1.51 0.00	44.79 1.57 0.00	42.58 1.54 0.00	41.67 1.61 0.00	50.71 1.75 -7.25	98.45 2.05 -46.21	111.95 2.35 -53.20	83.81 2.71 -13.10	48.71 1.25 -15.03	74.12 0.88 -49.84	47.26 1.44 -7.89	49.08 1.70 -0.36
MOHICAN___35_KV_115KV_LD 80490	51.68 4.70 0.00	52.74 4.67 0.00	45.76 3.99 0.00	40.86 3.60 0.00	47.12 4.32 0.00	42.67 4.03 0.00	76.18 4.60 -30.35	65.41 5.83 -7.60	60.41 4.27 -17.55	54.11 5.14 -1.79	51.37 4.82 0.00	43.03 3.93 0.00	44.11 3.90 0.00	47.35 4.14 0.00	45.00 3.97 0.00	44.07 4.01 0.00	53.41 4.33 -7.36	102.41 5.26 -46.95	116.28 5.81 -54.06	88.22 6.91 -13.32	50.85 3.14 -15.27	76.27 2.22 -50.64	49.44 3.49 -8.02	51.81 4.43 -0.36
MONGAUP___HYD 23641	48.63 1.65 0.00	49.57 1.49 0.00	43.07 1.30 0.00	38.50 1.24 0.00	44.08 1.28 0.00	40.07 1.43 0.00	45.76 1.84 -2.68	55.19 2.54 -0.67	53.19 1.88 -12.72	50.65 2.17 -1.30	48.40 1.86 0.00	40.66 1.57 0.00	41.78 1.57 0.00	45.01 1.80 0.00	42.83 1.79 0.00	42.04 1.98 0.00	49.12 2.06 -5.34	86.56 2.31 -34.05	98.27 2.66 -39.21	80.80 3.15 -9.66	45.19 1.68 -11.07	61.28 1.15 -36.73	45.46 1.71 -5.82	49.18 1.90 -0.26
MONTAUK___DIESEL 23721	47.77 0.80 0.00	48.79 0.72 0.00	42.28 0.51 0.00	37.90 0.64 0.00	43.25 0.46 0.00	39.49 0.85 0.00	45.50 1.25 -3.01	54.76 2.02 -0.75	54.23 1.55 -14.10	49.39 0.77 -1.44	46.90 0.36 0.00	39.57 0.47 0.00	40.44 0.24 0.00	43.74 0.52 0.00	41.43 0.40 0.00	40.47 0.40 0.00	48.38 0.75 -5.91	89.52 1.61 -37.72	101.16 1.33 -43.42	79.98 1.29 -10.70	45.34 0.64 -12.27	64.40 0.31 -40.68	44.71 0.34 -6.45	50.10 2.80 -0.29
MOONROAD_115KV_HARTFLD_TB1-2 355988	43.21 -3.77 0.00	44.65 -3.42 0.00	38.97 -2.81 0.00	34.50 -2.76 0.00	40.05 -2.74 0.00	35.76 -2.88 0.00	38.95 -2.87 -0.59	45.82 -3.80 2.36	35.42 -3.09 0.07	41.29 -3.74 2.15	40.76 -3.61 2.17	34.11 -3.12 1.87	35.34 -2.95 1.91	38.30 -2.87 2.04	36.24 -2.85 1.95	36.19 -2.85 1.02	39.66 -2.11 -0.06	56.48 -1.00 -7.28	63.45 -1.34 -8.39	68.19 -1.87 -2.07	33.49 -1.32 -2.37	29.60 -0.92 -7.12	37.24 -1.33 -0.64	44.61 -2.44 -0.03

MORRIS_RIDGE___SOLAR 323848	42.52 -4.46 0.00	43.82 -4.25 0.00	38.02 -3.76 0.00	34.06 -3.20 0.00	39.70 -3.09 0.00	35.61 -3.03 0.00	36.01 -3.29 1.94	-3.05 -4.37 50.66	-17.80 -3.50 52.89	-5.35 -4.31 48.21	-1.23 -4.28 43.50	-1.94 -3.67 37.37	-1.77 -3.72 38.25	-1.54 -3.96 40.80	-1.59 -3.64 38.98	16.04 -3.44 20.59	17.05 -3.62 21.05	55.43 -3.12 -8.35	63.19 -2.83 -9.62	67.24 -3.13 -2.37	33.36 -1.79 -2.72	15.78 -1.43 6.19	24.41 -2.45 11.07	43.39 -3.19 0.44
MORTIMER_115KV_TB3 55949	44.78 -2.20 0.00	45.98 -2.09 0.00	39.80 -1.98 0.00	35.49 -1.77 0.00	41.05 -1.74 0.00	36.84 -1.81 0.00	39.46 -1.78 0.00	49.54 -2.45 0.00	38.57 -2.06 -2.04	44.97 -2.42 -0.21	44.29 -2.25 0.00	37.20 -1.89 0.00	38.38 -1.82 0.00	41.37 -1.84 0.00	39.21 -1.82 0.00	38.19 -1.88 0.00	40.58 -1.99 -0.86	53.96 -1.70 -5.46	61.00 -1.69 -6.28	67.50 -2.04 -1.55	33.00 -1.21 -1.78	28.43 -0.86 -5.89	37.50 -1.36 -0.93	45.31 -1.74 -0.04
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	48.36 1.38 0.00	49.23 1.16 0.00	42.76 0.98 0.00	38.42 1.16 0.00	43.75 0.96 0.00	39.91 1.27 0.00	45.94 1.69 -3.01	55.15 2.42 -0.76	54.57 1.88 -14.10	50.97 2.36 -1.44	48.88 2.33 0.00	41.12 2.03 0.00	42.22 2.02 0.00	45.31 2.10 0.00	43.07 2.04 0.00	42.21 2.14 0.00	49.85 2.22 -5.92	90.64 2.72 -37.72	102.80 2.96 -43.44	82.19 3.50 -10.70	46.38 1.67 -12.27	65.27 1.18 -40.69	46.10 1.73 -6.45	49.21 1.91 -0.29
MUNSVILLE_WIND_PWR 323609	46.86 -0.12 0.00	47.98 -0.10 0.00	41.64 -0.14 0.00	37.09 -0.17 0.00	42.84 0.05 0.00	38.85 0.21 0.00	44.21 0.86 -2.12	55.17 1.37 -1.83	45.32 0.78 -5.95	49.64 0.75 -1.71	48.08 0.41 -1.12	40.40 0.35 -0.96	41.55 0.36 -0.98	44.60 0.33 -1.05	42.44 0.40 -1.00	41.27 0.68 -0.53	44.70 0.51 -2.47	63.28 1.02 -12.06	71.65 1.37 -13.88	73.11 1.69 -3.42	36.99 0.64 -3.92	37.42 0.62 -13.40	40.80 0.49 -2.38	47.71 0.58 -0.11
N SALMON___HYD 24042	50.32 3.35 0.00	51.40 3.33 0.00	44.53 2.76 0.00	39.62 2.36 0.00	45.66 2.86 0.00	41.05 2.41 0.00	43.92 2.69 0.00	55.19 3.20 0.00	41.15 2.32 -0.24	49.89 2.69 -0.03	49.37 2.82 0.00	41.36 2.27 0.00	42.57 2.37 0.00	45.91 2.69 0.00	43.24 2.21 0.00	41.44 1.38 0.00	42.96 1.14 -0.10	53.32 0.90 -2.22	61.53 1.07 -4.07	71.04 1.22 -1.83	34.39 0.72 -1.24	24.77 0.66 -0.70	39.33 1.30 -0.11	48.16 1.14 0.00
N.AKRON__115KV_KNAPP 355671	44.43 -2.55 0.00	45.73 -2.34 0.00	39.46 -2.32 0.00	35.19 -2.07 0.00	40.88 -1.91 0.00	36.56 -2.08 0.00	38.91 -2.03 0.29	43.66 -3.05 5.27	32.49 -2.64 3.46	39.30 -3.08 4.79	39.17 -2.87 4.51	32.79 -2.42 3.87	33.90 -2.34 3.97	36.64 -2.34 4.23	34.66 -2.33 4.04	35.53 -2.41 2.12	37.64 -2.77 1.31	54.29 -2.18 -6.26	61.64 -1.97 -7.21	67.42 -2.34 -1.78	33.03 -1.45 -2.04	27.54 -1.06 -5.20	36.05 -1.67 0.21	45.07 -1.94 0.00
N.BELMOR_69_KV_BK1 55787	48.87 1.89 0.00	49.90 1.83 0.00	43.28 1.50 0.00	38.79 1.53 0.00	44.25 1.45 0.00	40.30 1.66 0.00	46.29 2.04 -3.01	55.62 2.88 -0.75	54.94 2.25 -14.10	51.11 2.50 -1.44	48.92 2.37 0.00	41.28 2.18 0.00	42.32 2.12 0.00	45.64 2.42 0.00	43.19 2.15 0.00	42.15 2.08 0.00	50.03 2.40 -5.91	91.04 3.13 -37.72	103.09 3.26 -43.42	82.52 3.83 -10.70	46.57 1.86 -12.27	65.43 1.35 -40.68	46.25 1.88 -6.45	49.63 2.33 -0.29
N.E_GEN_SANDY PD 24062	62.54 1.53 -14.03	61.23 1.44 -11.71	49.46 1.29 -6.40	38.49 1.23 0.00	45.11 1.29 -1.04	39.95 1.31 0.00	51.47 1.55 -8.69	56.16 2.00 -2.18	55.86 1.44 -15.84	50.51 1.72 -1.61	48.18 1.63 0.00	40.38 1.29 0.00	41.47 1.26 0.00	44.48 1.26 0.00	42.29 1.26 0.00	41.37 1.34 0.04	49.84 1.48 -6.64	86.12 1.68 -34.24	107.10 1.93 -48.77	82.23 2.23 -12.01	47.27 1.05 -13.78	69.84 0.75 -45.69	46.55 1.22 -7.40	59.54 1.47 -11.05
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	48.07 1.09 0.00	48.96 0.88 0.00	42.53 0.75 0.00	38.11 0.85 0.00	43.53 0.73 0.00	39.63 1.00 0.00	45.45 1.35 -2.86	54.63 1.94 -0.72	53.53 1.46 -13.48	50.37 1.82 -1.37	48.36 1.82 0.00	40.60 1.50 0.00	41.68 1.47 0.00	44.76 1.54 0.00	42.57 1.53 0.00	41.68 1.62 0.00	49.06 1.69 -5.66	88.38 2.11 -36.07	100.31 2.37 -41.53	80.97 2.75 -10.23	45.48 1.31 -11.73	63.22 0.91 -38.91	45.41 1.32 -6.17	48.77 1.48 -0.28
N.QUEENS_27_KV_LOAD 356247	48.28 1.30 0.00	49.16 1.09 0.00	42.72 0.94 0.00	38.47 1.21 0.00	43.61 0.82 0.00	39.91 1.27 0.00	45.97 1.72 -3.01	55.11 2.38 -0.76	54.59 1.90 -14.10	51.08 2.46 -1.44	48.96 2.42 0.00	41.09 1.99 -0.01	42.19 1.98 -0.01	45.35 2.13 -0.01	43.07 2.03 -0.01	42.19 2.12 -0.01	49.90 2.26 -5.92	90.70 2.77 -37.73	102.83 2.99 -43.44	82.28 3.59 -10.70	46.44 1.73 -12.27	65.32 1.23 -40.69	46.14 1.77 -6.45	49.20 1.89 -0.29
N.TROY___115KV_TB1 355778	48.92 1.94 0.00	49.99 1.93 0.00	43.47 1.70 0.00	38.79 1.53 0.00	44.55 1.75 0.00	40.30 1.66 0.00	69.97 1.89 -26.85	61.06 2.36 -6.72	57.62 1.69 -17.34	50.96 2.02 -1.77	48.43 1.88 0.00	40.57 1.47 0.00	41.67 1.47 0.00	44.74 1.52 0.00	42.52 1.49 0.00	41.62 1.56 0.00	50.71 1.72 -7.27	98.56 1.97 -46.39	112.07 2.26 -53.41	83.77 2.62 -13.16	48.73 1.20 -15.09	74.29 0.85 -50.03	47.26 1.41 -7.92	49.09 1.72 -0.36
NARROWS_GT1_1 24228	57.42 1.80 -8.64	56.32 1.51 -6.74	56.04 1.26 -13.00	56.01 1.43 -17.32	56.04 1.22 -12.02	56.43 1.62 -16.17	56.34 2.10 -13.00	64.92 2.89 -10.05	58.51 2.29 -17.64	57.91 2.90 -7.84	58.25 2.87 -8.83	63.31 2.51 -21.71	62.42 2.49 -19.73	62.83 2.62 -17.00	62.30 2.54 -18.72	68.44 2.61 -25.76	98.59 2.72 -54.16	103.67 3.17 -50.30	108.65 3.53 -48.72	116.10 4.24 -43.86	60.18 2.08 -25.66	74.31 1.46 -49.45	62.33 2.19 -22.21	65.13 2.40 -15.71
NARROWS_GT1_2 24229	57.42 1.80 -8.64	56.32 1.51 -6.74	56.04 1.26 -13.00	56.01 1.43 -17.32	56.04 1.22 -12.02	56.43 1.62 -16.17	56.34 2.10 -13.00	64.92 2.89 -10.05	58.51 2.29 -17.64	57.91 2.90 -7.84	58.25 2.87 -8.83	63.31 2.51 -21.71	62.42 2.49 -19.73	62.83 2.62 -17.00	62.30 2.54 -18.72	68.44 2.61 -25.76	98.59 2.72 -54.16	103.67 3.17 -50.30	108.65 3.53 -48.72	116.10 4.24 -43.86	60.18 2.08 -25.66	74.31 1.46 -49.45	62.33 2.19 -22.21	65.13 2.40 -15.71
NARROWS_GT1_3 24230	57.42 1.80 -8.64	56.32 1.51 -6.74	56.04 1.26 -13.00	56.01 1.43 -17.32	56.04 1.22 -12.02	56.43 1.62 -16.17	56.34 2.10 -13.00	64.92 2.89 -10.05	58.51 2.29 -17.64	57.91 2.90 -7.84	58.25 2.87 -8.83	63.31 2.51 -21.71	62.42 2.49 -19.73	62.83 2.62 -17.00	62.30 2.54 -18.72	68.44 2.61 -25.76	98.59 2.72 -54.16	103.67 3.17 -50.30	108.65 3.53 -48.72	116.10 4.24 -43.86	60.18 2.08 -25.66	74.31 1.46 -49.45	62.33 2.19 -22.21	65.13 2.40 -15.71
NARROWS_GT1_4 24231	57.42 1.80 -8.64	56.32 1.51 -6.74	56.04 1.26 -13.00	56.01 1.43 -17.32	56.04 1.22 -12.02	56.43 1.62 -16.17	56.34 2.10 -13.00	64.92 2.89 -10.05	58.51 2.29 -17.64	57.91 2.90 -7.84	58.25 2.87 -8.83	63.31 2.51 -21.71	62.42 2.49 -19.73	62.83 2.62 -17.00	62.30 2.54 -18.72	68.44 2.61 -25.76	98.59 2.72 -54.16	103.67 3.17 -50.30	108.65 3.53 -48.72	116.10 4.24 -43.86	60.18 2.08 -25.66	74.31 1.46 -49.45	62.33 2.19 -22.21	65.13 2.40 -15.71

NARROWS_GT1_5 24232	57.42 1.80 -8.64	56.32 1.51 -6.74	56.04 1.26 -13.00	56.01 1.43 -17.32	56.04 1.22 -12.02	56.43 1.62 -16.17	56.34 2.10 -13.00	64.92 2.89 -10.05	58.51 2.29 -17.64	57.91 2.90 -7.84	58.25 2.87 -8.83	63.31 2.51 -21.71	62.42 2.49 -19.73	62.83 2.62 -17.00	62.30 2.54 -18.72	68.44 2.61 -25.76	98.59 2.72 -54.16	103.67 3.17 -50.30	108.65 3.53 -48.72	116.10 4.24 -43.86	60.18 2.08 -25.66	74.31 1.46 -49.45	62.33 2.19 -22.21	65.13 2.40 -15.71
NARROWS_GT1_6 24233	57.42 1.80 -8.64	56.32 1.51 -6.74	56.04 1.26 -13.00	56.01 1.43 -17.32	56.04 1.22 -12.02	56.43 1.62 -16.17	56.34 2.10 -13.00	64.92 2.89 -10.05	58.51 2.29 -17.64	57.91 2.90 -7.84	58.25 2.87 -8.83	63.31 2.51 -21.71	62.42 2.49 -19.73	62.83 2.62 -17.00	62.30 2.54 -18.72	68.44 2.61 -25.76	98.59 2.72 -54.16	103.67 3.17 -50.30	108.65 3.53 -48.72	116.10 4.24 -43.86	60.18 2.08 -25.66	74.31 1.46 -49.45	62.33 2.19 -22.21	65.13 2.40 -15.71
NARROWS_GT1_7 24234	57.42 1.80 -8.64	56.32 1.51 -6.74	56.04 1.26 -13.00	56.01 1.43 -17.32	56.04 1.22 -12.02	56.43 1.62 -16.17	56.34 2.10 -13.00	64.92 2.89 -10.05	58.51 2.29 -17.64	57.91 2.90 -7.84	58.25 2.87 -8.83	63.31 2.51 -21.71	62.42 2.49 -19.73	62.83 2.62 -17.00	62.30 2.54 -18.72	68.44 2.61 -25.76	98.59 2.72 -54.16	103.67 3.17 -50.30	108.65 3.53 -48.72	116.10 4.24 -43.86	60.18 2.08 -25.66	74.31 1.46 -49.45	62.33 2.19 -22.21	65.13 2.40 -15.71
NARROWS_GT1_8 24235	57.42 1.80 -8.64	56.32 1.51 -6.74	56.04 1.26 -13.00	56.01 1.43 -17.32	56.04 1.22 -12.02	56.43 1.62 -16.17	56.34 2.10 -13.00	64.92 2.89 -10.05	58.51 2.29 -17.64	57.91 2.90 -7.84	58.25 2.87 -8.83	63.31 2.51 -21.71	62.42 2.49 -19.73	62.83 2.62 -17.00	62.30 2.54 -18.72	68.44 2.61 -25.76	98.59 2.72 -54.16	103.67 3.17 -50.30	108.65 3.53 -48.72	116.10 4.24 -43.86	60.18 2.08 -25.66	74.31 1.46 -49.45	62.33 2.19 -22.21	65.13 2.40 -15.71
NARROWS_GT2_1 24236	57.42 1.80 -8.64	56.32 1.51 -6.74	56.04 1.26 -13.00	56.01 1.43 -17.32	56.04 1.22 -12.02	56.43 1.62 -16.17	56.34 2.10 -13.00	64.92 2.89 -10.05	58.51 2.29 -17.64	57.91 2.90 -7.84	58.25 2.87 -8.83	63.31 2.51 -21.71	62.42 2.49 -19.73	62.83 2.62 -17.00	62.30 2.54 -18.72	68.44 2.61 -25.76	98.59 2.72 -54.16	103.67 3.17 -50.30	108.65 3.53 -48.72	116.10 4.24 -43.86	60.18 2.08 -25.66	74.31 1.46 -49.45	62.33 2.19 -22.21	65.13 2.40 -15.71
NARROWS_GT2_2 24237	57.42 1.80 -8.64	56.32 1.51 -6.74	56.04 1.26 -13.00	56.01 1.43 -17.32	56.04 1.22 -12.02	56.43 1.62 -16.17	56.34 2.10 -13.00	64.92 2.89 -10.05	58.51 2.29 -17.64	57.91 2.90 -7.84	58.25 2.87 -8.83	63.31 2.51 -21.71	62.42 2.49 -19.73	62.83 2.62 -17.00	62.30 2.54 -18.72	68.44 2.61 -25.76	98.59 2.72 -54.16	103.67 3.17 -50.30	108.65 3.53 -48.72	116.10 4.24 -43.86	60.18 2.08 -25.66	74.31 1.46 -49.45	62.33 2.19 -22.21	65.13 2.40 -15.71
NARROWS_GT2_3 24238	57.42 1.80 -8.64	56.32 1.51 -6.74	56.04 1.26 -13.00	56.01 1.43 -17.32	56.04 1.22 -12.02	56.43 1.62 -16.17	56.34 2.10 -13.00	64.92 2.89 -10.05	58.51 2.29 -17.64	57.91 2.90 -7.84	58.25 2.87 -8.83	63.31 2.51 -21.71	62.42 2.49 -19.73	62.83 2.62 -17.00	62.30 2.54 -18.72	68.44 2.61 -25.76	98.59 2.72 -54.16	103.67 3.17 -50.30	108.65 3.53 -48.72	116.10 4.24 -43.86	60.18 2.08 -25.66	74.31 1.46 -49.45	62.33 2.19 -22.21	65.13 2.40 -15.71
NARROWS_GT2_4 24239	57.42 1.80 -8.64	56.32 1.51 -6.74	56.04 1.26 -13.00	56.01 1.43 -17.32	56.04 1.22 -12.02	56.43 1.62 -16.17	56.34 2.10 -13.00	64.92 2.89 -10.05	58.51 2.29 -17.64	57.91 2.90 -7.84	58.25 2.87 -8.83	63.31 2.51 -21.71	62.42 2.49 -19.73	62.83 2.62 -17.00	62.30 2.54 -18.72	68.44 2.61 -25.76	98.59 2.72 -54.16	103.67 3.17 -50.30	108.65 3.53 -48.72	116.10 4.24 -43.86	60.18 2.08 -25.66	74.31 1.46 -49.45	62.33 2.19 -22.21	65.13 2.40 -15.71
NARROWS_GT2_5 24240	57.42 1.80 -8.64	56.32 1.51 -6.74	56.04 1.26 -13.00	56.01 1.43 -17.32	56.04 1.22 -12.02	56.43 1.62 -16.17	56.34 2.10 -13.00	64.92 2.89 -10.05	58.51 2.29 -17.64	57.91 2.90 -7.84	58.25 2.87 -8.83	63.31 2.51 -21.71	62.42 2.49 -19.73	62.83 2.62 -17.00	62.30 2.54 -18.72	68.44 2.61 -25.76	98.59 2.72 -54.16	103.67 3.17 -50.30	108.65 3.53 -48.72	116.10 4.24 -43.86	60.18 2.08 -25.66	74.31 1.46 -49.45	62.33 2.19 -22.21	65.13 2.40 -15.71
NARROWS_GT2_6 24241	57.42 1.80 -8.64	56.32 1.51 -6.74	56.04 1.26 -13.00	56.01 1.43 -17.32	56.04 1.22 -12.02	56.43 1.62 -16.17	56.34 2.10 -13.00	64.92 2.89 -10.05	58.51 2.29 -17.64	57.91 2.90 -7.84	58.25 2.87 -8.83	63.31 2.51 -21.71	62.42 2.49 -19.73	62.83 2.62 -17.00	62.30 2.54 -18.72	68.44 2.61 -25.76	98.59 2.72 -54.16	103.67 3.17 -50.30	108.65 3.53 -48.72	116.10 4.24 -43.86	60.18 2.08 -25.66	74.31 1.46 -49.45	62.33 2.19 -22.21	65.13 2.40 -15.71
NARROWS_GT2_7 24242	57.42 1.80 -8.64	56.32 1.51 -6.74	56.04 1.26 -13.00	56.01 1.43 -17.32	56.04 1.22 -12.02	56.43 1.62 -16.17	56.34 2.10 -13.00	64.92 2.89 -10.05	58.51 2.29 -17.64	57.91 2.90 -7.84	58.25 2.87 -8.83	63.31 2.51 -21.71	62.42 2.49 -19.73	62.83 2.62 -17.00	62.30 2.54 -18.72	68.44 2.61 -25.76	98.59 2.72 -54.16	103.67 3.17 -50.30	108.65 3.53 -48.72	116.10 4.24 -43.86	60.18 2.08 -25.66	74.31 1.46 -49.45	62.33 2.19 -22.21	65.13 2.40 -15.71
NARROWS_GT2_8 24243	57.42 1.80 -8.64	56.32 1.51 -6.74	56.04 1.26 -13.00	56.01 1.43 -17.32	56.04 1.22 -12.02	56.43 1.62 -16.17	56.34 2.10 -13.00	64.92 2.89 -10.05	58.51 2.29 -17.64	57.91 2.90 -7.84	58.25 2.87 -8.83	63.31 2.51 -21.71	62.42 2.49 -19.73	62.83 2.62 -17.00	62.30 2.54 -18.72	68.44 2.61 -25.76	98.59 2.72 -54.16	103.67 3.17 -50.30	108.65 3.53 -48.72	116.10 4.24 -43.86	60.18 2.08 -25.66	74.31 1.46 -49.45	62.33 2.19 -22.21	65.13 2.40 -15.71
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	49.80 2.82 0.00	50.92 2.85 0.00	44.28 2.51 0.00	39.50 2.24 0.00	45.39 2.60 0.00	41.09 2.45 0.00	54.01 2.74 -10.03	58.08 3.59 -2.51	57.46 2.57 -16.31	51.93 3.09 -1.66	49.44 2.90 0.00	41.25 2.16 0.00	42.59 2.39 0.00	45.86 2.65 0.00	43.54 2.51 0.00	42.61 2.55 0.00	51.31 2.76 -6.84	97.23 3.44 -43.59	110.47 3.87 -50.19	84.92 4.57 -12.36	48.61 1.99 -14.18	71.82 1.40 -47.01	47.64 2.27 -7.44	50.01 2.66 -0.34
NCHELSEA_115KV_TR2 355582	48.64 1.66 0.00	49.58 1.51 0.00	43.11 1.33 0.00	38.66 1.39 0.00	44.17 1.38 0.00	40.18 1.54 0.00	46.25 1.96 -3.06	55.46 2.72 -0.77	54.67 2.03 -14.05	51.10 2.49 -1.43	48.97 2.42 0.00	41.13 2.04 0.00	42.24 2.04 0.00	45.35 2.14 0.00	43.06 2.03 0.00	42.16 2.10 0.00	49.83 2.24 -5.88	90.45 2.79 -37.46	102.64 3.11 -43.13	82.27 3.66 -10.62	46.33 1.71 -12.18	65.00 1.19 -40.40	46.10 1.77 -6.40	49.32 2.01 -0.29
NEG CAPITAL___MECHNVIL 23645	49.95 2.97 0.00	51.05 2.98 0.00	44.36 2.59 0.00	39.58 2.32 0.00	45.52 2.73 0.00	41.21 2.57 0.00	74.11 2.95 -29.92	63.21 3.73 -7.49	58.82 2.70 -17.52	52.23 3.27 -1.78	49.63 3.08 0.00	41.58 2.49 0.00	42.69 2.49 0.00	45.85 2.64 0.00	43.58 2.55 0.00	42.66 2.59 0.00	51.89 2.83 -7.35	100.48 3.41 -46.87	114.19 3.82 -53.97	85.79 4.51 -13.29	49.73 2.05 -15.24	75.41 1.46 -50.55	48.23 2.30 -8.00	50.15 2.78 -0.36

NEG CENTRAL_HIGH_ACRES 23767	44.40 -2.58 0.00	45.59 -2.48 0.00	39.48 -2.30 0.00	35.22 -2.04 0.00	40.70 -2.09 0.00	36.57 -2.06 0.00	39.22 -2.01 0.00	49.27 -2.71 0.00	38.33 -2.23 -1.98	44.73 -2.65 -0.20	44.06 -2.49 0.00	37.01 -2.09 0.00	38.13 -2.07 0.00	41.07 -2.15 0.00	38.92 -2.11 0.00	37.93 -2.13 0.00	40.34 -2.21 -0.83	53.44 -2.05 -5.29	60.25 -2.24 -6.09	66.80 -2.70 -1.50	32.66 -1.50 -1.72	28.03 -1.08 -5.71	37.12 -1.71 -0.90	44.82 -2.23 -0.04
NEG CENTRAL___DRP 24199	45.67 -1.31 0.00	46.82 -1.25 0.00	40.64 -1.13 0.00	36.28 -0.98 0.00	41.87 -0.92 0.00	37.79 -0.85 0.00	40.61 -0.75 -0.12	53.23 -1.02 -2.27	42.35 -0.85 -4.62	48.50 -1.05 -2.38	47.51 -0.97 -1.94	39.93 -0.83 -1.66	41.06 -0.85 -1.70	44.16 -0.87 -1.82	41.86 -0.90 -1.73	40.14 -0.84 -0.92	42.70 -0.90 -1.89	55.30 -0.58 -5.69	62.54 -0.40 -6.55	69.12 -0.48 -1.61	33.93 -0.36 -1.85	29.92 -0.29 -6.81	38.93 -0.53 -1.53	46.33 -0.75 -0.07
NEG CENTRAL___INDECK 23768	44.99 -1.98 0.00	46.27 -1.80 0.00	40.05 -1.73 0.00	35.82 -1.44 0.00	41.63 -1.16 0.00	37.40 -1.24 0.00	42.25 -1.06 -2.08	75.56 -1.37 -24.94	67.29 -1.29 -29.99	69.48 -1.60 -23.90	66.12 -1.60 -21.17	55.69 -1.60 -18.19	57.15 -1.67 -18.61	61.19 -1.88 -19.86	58.25 -1.76 -18.97	48.53 -1.57 -10.03	51.93 -1.84 -12.06	56.43 -1.06 -7.29	64.65 -0.15 -8.40	70.13 0.07 -2.07	34.54 -0.26 -2.37	38.43 -0.26 -15.28	44.76 -0.51 -7.35	46.30 -1.02 -0.30
NEG CENTRAL___SENECA 23627	45.52 -1.45 0.00	46.70 -1.37 0.00	40.52 -1.26 0.00	36.18 -1.08 0.00	41.85 -0.95 0.00	37.74 -0.90 0.00	40.67 -0.76 -0.20	54.53 -1.08 -3.62	44.06 -0.85 -6.31	49.83 -1.05 -3.69	48.65 -0.99 -3.10	40.92 -0.83 -2.66	42.06 -0.87 -2.72	45.24 -0.88 -2.91	42.90 -0.91 -2.78	40.67 -0.86 -1.47	43.36 -0.93 -2.57	55.94 -0.47 -6.22	63.33 -0.23 -7.16	69.48 -0.28 -1.76	34.18 -0.28 -2.02	30.93 -0.26 -7.79	39.35 -0.53 -1.96	46.30 -0.79 -0.08
NEG CENTRAL___STATE_STREET 24147	46.25 -0.73 0.00	47.39 -0.68 0.00	41.18 -0.60 0.00	36.75 -0.51 0.00	42.24 -0.55 0.00	38.22 -0.42 0.00	40.95 -0.29 0.00	51.55 -0.43 0.00	40.12 -0.55 -2.08	46.67 -0.71 -0.21	46.04 -0.50 0.00	38.67 -0.43 0.00	39.78 -0.42 0.00	42.79 -0.42 0.00	40.45 -0.59 0.00	39.65 -0.41 0.00	42.15 -0.43 -0.87	55.64 -0.12 -5.56	62.77 -0.03 -6.40	69.59 0.02 -1.58	34.13 -0.12 -1.81	29.30 -0.10 -5.99	38.73 -0.14 -0.95	46.84 -0.21 -0.04
NEG MILLWOOD___DRP 24198	48.77 1.79 0.00	49.71 1.64 0.00	43.20 1.43 0.00	38.72 1.46 0.00	44.23 1.44 0.00	40.25 1.62 0.00	46.36 2.07 -3.06	55.61 2.86 -0.77	54.91 2.14 -14.18	51.23 2.61 -1.44	49.09 2.54 0.00	41.24 2.15 0.00	42.34 2.14 0.00	45.50 2.29 0.00	43.22 2.19 0.00	42.34 2.27 0.00	50.09 2.43 -5.94	91.13 3.06 -37.87	103.40 3.40 -43.60	82.72 3.98 -10.74	46.61 1.85 -12.32	65.54 1.30 -40.84	46.29 1.89 -6.47	49.43 2.13 -0.29
NEG NORTH_FLCN_SEA 23793	49.69 2.71 0.00	50.73 2.67 0.00	43.90 2.13 0.00	39.12 1.86 0.00	44.91 2.12 0.00	40.31 1.68 0.00	42.93 1.69 0.00	53.62 1.64 0.00	39.87 1.28 0.00	49.00 1.83 0.00	48.06 1.51 0.00	40.35 1.25 0.00	41.53 1.33 0.00	44.50 1.28 0.00	42.05 1.02 0.00	40.16 0.09 0.00	41.18 -0.54 0.00	23.06 -1.32 25.82	0.37 -1.42 54.61	39.11 -1.80 27.08	14.89 -0.61 16.94	23.19 -0.21 0.00	37.63 -0.30 0.00	46.28 -0.74 0.00
NEG NORTH_KES_CHATEGAY 23792	48.70 1.72 0.00	49.82 1.75 0.00	43.15 1.37 0.00	38.40 1.14 0.00	44.11 1.32 0.00	39.64 1.00 0.00	42.18 0.94 0.00	52.87 0.89 0.00	39.37 0.78 0.00	48.23 1.05 0.00	47.46 0.92 0.00	39.90 0.81 0.00	41.08 0.88 0.00	44.11 0.90 0.00	41.73 0.70 0.00	40.11 0.05 0.00	41.40 -0.32 0.00	51.44 -0.90 -2.14	59.98 -0.95 -4.53	69.17 -1.07 -2.25	33.61 -0.24 -1.41	23.34 -0.07 0.00	37.82 -0.11 0.00	46.55 -0.47 0.00
NEG NORTH___ALICE_FALLS 23915	49.73 2.75 0.00	50.77 2.71 0.00	43.95 2.18 0.00	39.13 1.87 0.00	44.95 2.15 0.00	40.36 1.73 0.00	43.01 1.78 0.00	53.79 1.81 0.00	40.00 1.41 0.00	49.12 1.94 0.00	48.21 1.66 0.00	40.49 1.39 0.00	41.74 1.54 0.00	44.75 1.54 0.00	42.30 1.27 0.00	40.42 0.36 0.00	41.53 -0.19 0.00	64.36 -0.84 -15.00	87.30 -0.84 -31.74	82.65 -1.08 -15.74	42.01 -0.27 -9.84	23.38 -0.02 0.00	37.93 0.00 0.00	46.61 -0.40 0.00
NEG NORTH___LWR_SARANAC 23913	49.73 2.75 0.00	50.77 2.71 0.00	43.95 2.18 0.00	39.13 1.87 0.00	44.95 2.15 0.00	40.36 1.73 0.00	43.01 1.78 0.00	53.79 1.81 0.00	40.00 1.41 0.00	49.12 1.94 0.00	48.21 1.66 0.00	40.49 1.39 0.00	41.74 1.54 0.00	44.75 1.54 0.00	42.30 1.27 0.00	40.42 0.36 0.00	41.53 -0.19 0.00	64.36 -0.84 -15.00	87.30 -0.84 -31.74	82.65 -1.08 -15.74	42.01 -0.27 -9.84	23.38 -0.02 0.00	37.93 0.00 0.00	46.61 -0.40 0.00
NEG NORTH___PLATTSBURG 23628	49.73 2.75 0.00	50.77 2.70 0.00	43.95 2.18 0.00	39.13 1.87 0.00	44.95 2.15 0.00	40.36 1.73 0.00	43.01 1.78 0.00	53.79 1.80 0.00	40.00 1.41 0.00	49.12 1.94 0.00	48.21 1.66 0.00	40.49 1.39 0.00	41.74 1.54 0.00	44.75 1.54 0.00	42.30 1.27 0.00	40.42 0.35 0.00	41.52 -0.20 0.00	64.36 -0.84 -15.00	87.30 -0.84 -31.74	82.65 -1.08 -15.74	42.01 -0.27 -9.84	23.39 -0.02 0.00	37.93 0.00 0.00	46.61 -0.40 0.00
NEG WEST_LEA_LOCKPORT 23791	43.38 -3.60 0.00	44.68 -3.39 0.00	38.55 -3.23 0.00	34.38 -2.88 0.00	39.96 -2.84 0.00	35.64 -3.00 0.00	37.73 -3.11 0.40	40.16 -4.55 7.28	29.21 -3.79 5.59	35.99 -4.50 6.70	36.07 -4.26 6.22	30.20 -3.55 5.35	31.31 -3.42 5.47	33.84 -3.53 5.84	32.03 -3.43 5.58	33.70 -3.43 2.93	35.82 -3.74 2.15	53.26 -3.41 -6.47	60.36 -3.49 -7.45	65.71 -4.12 -1.84	32.25 -2.29 -2.10	26.57 -1.66 -4.83	34.68 -2.58 0.66	43.95 -3.04 0.02
NEG WEST___LANCASTR 23811	45.37 -1.61 0.00	46.70 -1.37 0.00	40.33 -1.45 0.00	35.99 -1.27 0.00	41.77 -1.02 0.00	37.36 -1.28 0.00	40.47 -1.31 -0.54	46.57 -2.20 3.21	35.62 -1.97 1.00	41.94 -2.28 2.96	41.55 -2.10 2.90	34.86 -1.74 2.49	36.05 -1.60 2.55	39.05 -1.45 2.72	36.92 -1.51 2.60	37.17 -1.54 1.36	39.68 -1.72 0.31	56.52 -0.98 -7.30	63.97 -0.84 -8.41	69.30 -0.77 -2.07	34.01 -0.80 -2.37	29.71 -0.58 -6.89	37.48 -0.88 -0.43	46.14 -0.90 -0.02
NEG_PENN_ALLEGHNY 23528	46.05 -0.93 0.00	47.17 -0.90 0.00	40.97 -0.80 0.00	36.57 -0.69 0.00	42.15 -0.64 0.00	38.06 -0.58 0.00	42.13 -0.48 -1.38	51.80 -0.53 -0.34	42.79 -0.48 -4.68	47.06 -0.59 -0.48	45.97 -0.58 0.00	38.63 -0.46 0.00	39.75 -0.46 0.00	42.79 -0.42 0.00	40.61 -0.43 0.00	39.76 -0.30 0.00	43.30 -0.38 -1.96	62.62 -0.09 -12.51	70.80 -0.01 -14.41	71.59 0.05 -3.55	36.41 -0.10 -4.07	36.82 -0.09 -13.50	39.87 -0.19 -2.14	46.82 -0.29 -0.10
NEG___GEN_MONROE 24207	45.04 -1.94 0.00	46.26 -1.81 0.00	40.00 -1.78 0.00	35.68 -1.58 0.00	41.31 -1.48 0.00	37.09 -1.55 0.00	39.67 -1.49 0.07	48.64 -2.11 1.23	37.45 -1.85 -0.70	44.09 -2.13 0.96	43.53 -1.97 1.05	36.51 -1.68 0.90	37.66 -1.62 0.92	40.62 -1.61 0.98	38.48 -1.62 0.94	37.87 -1.70 0.50	40.18 -1.86 -0.32	54.28 -1.41 -5.50	61.47 -1.26 -6.33	68.04 -1.51 -1.56	33.25 -0.98 -1.79	28.25 -0.71 -5.56	37.44 -1.12 -0.64	45.60 -1.44 -0.03

NEPA__ENERGY 23901	44.31 -2.67 0.00	45.58 -2.49 0.00	39.49 -2.29 0.00	35.16 -2.10 0.00	40.80 -1.99 0.00	36.61 -2.03 0.00	39.77 -2.00 -0.53	45.87 -2.70 3.42	35.12 -2.25 1.22	41.36 -2.66 3.15	40.94 -2.54 3.08	34.32 -2.13 2.64	35.44 -2.05 2.70	38.34 -1.99 2.89	36.29 -1.99 2.76	36.75 -1.87 1.45	39.36 -1.95 0.40	56.33 -1.19 -7.32	63.58 -1.25 -8.43	68.65 -1.43 -2.08	33.84 -0.98 -2.38	29.49 -0.76 -6.84	37.08 -1.23 -0.38	45.52 -1.52 -0.02
NEVERSINK__HYD 23608	48.73 1.75 0.00	50.13 2.06 0.00	43.63 1.86 0.00	39.09 1.84 0.00	44.75 1.96 0.00	40.70 2.06 0.00	46.81 2.50 -3.07	56.07 3.31 -0.77	53.80 2.48 -12.73	51.53 3.05 -1.30	49.58 3.03 0.00	41.67 2.58 0.00	42.84 2.63 0.00	45.97 2.75 0.00	43.69 2.66 0.00	42.79 2.73 0.00	50.05 3.01 -5.32	87.91 3.77 -33.94	99.67 4.19 -39.08	82.49 4.87 -9.63	45.72 2.24 -11.04	61.57 1.56 -36.61	46.07 2.34 -5.80	50.02 2.74 -0.26
NEWKRMKL_115KV_TB1 55635	49.12 2.15 0.00	50.22 2.15 0.00	43.66 1.89 0.00	38.98 1.72 0.00	44.66 1.87 0.00	40.50 1.86 0.00	67.74 2.15 -24.36	60.80 2.71 -6.10	57.93 1.97 -17.37	51.35 2.41 -1.77	48.85 2.31 0.00	40.97 1.87 0.00	42.08 1.88 0.00	45.21 2.00 0.00	42.96 1.93 0.00	42.05 1.98 0.00	51.13 2.13 -7.29	99.15 2.50 -46.46	112.76 2.87 -53.49	84.51 3.34 -13.17	49.07 1.53 -15.11	74.58 1.08 -50.10	47.61 1.75 -7.93	49.44 2.06 -0.36
NEWTON__FALLS_HYD 23847	50.73 3.76 0.00	51.54 3.47 0.00	44.82 3.04 0.00	40.01 2.75 0.00	46.47 3.67 0.00	41.95 3.31 0.00	45.34 4.11 0.00	57.31 5.33 0.00	42.33 3.06 -0.68	50.11 2.86 -0.07	49.99 3.45 0.00	41.76 2.66 0.00	42.90 2.70 0.00	46.53 3.31 0.00	43.57 2.53 0.00	41.83 1.76 0.00	44.01 2.00 -0.29	54.97 2.35 -2.42	62.38 2.63 -3.36	71.62 2.48 -1.14	34.43 1.01 -0.98	26.31 0.93 -1.97	40.40 2.16 -0.31	49.25 2.23 -0.01
NGRID_A1_DSASP 323792	42.87 -4.11 0.00	44.22 -3.86 0.00	38.14 -3.63 0.00	34.00 -3.26 0.00	39.46 -3.33 0.00	35.17 -3.47 0.00	37.32 -3.60 0.31	41.07 -5.17 5.74	30.46 -4.25 3.88	36.89 -5.06 5.23	36.85 -4.79 4.91	30.96 -3.92 4.22	32.08 -3.80 4.32	34.68 -3.93 4.61	32.80 -3.83 4.40	33.79 -3.97 2.31	36.10 -4.16 1.46	52.70 -4.02 -6.52	59.51 -4.40 -7.51	64.64 -5.20 -1.85	31.78 -2.79 -2.12	26.81 -1.94 -5.35	34.67 -2.98 0.27	43.36 -3.65 0.01
NGRID_A2_DSASP 323793	42.87 -4.11 0.00	44.22 -3.86 0.00	38.14 -3.63 0.00	34.00 -3.26 0.00	39.46 -3.33 0.00	35.17 -3.47 0.00	37.32 -3.60 0.31	41.07 -5.17 5.74	30.46 -4.25 3.88	36.89 -5.06 5.23	36.85 -4.79 4.91	30.96 -3.92 4.22	32.08 -3.80 4.32	34.68 -3.93 4.61	32.80 -3.83 4.40	33.79 -3.97 2.31	36.10 -4.16 1.46	52.70 -4.02 -6.52	59.51 -4.40 -7.51	64.64 -5.20 -1.85	31.78 -2.79 -2.12	26.81 -1.94 -5.35	34.67 -2.98 0.27	43.36 -3.65 0.01
NGRID_A4_DSASP 323807	42.87 -4.11 0.00	44.22 -3.86 0.00	38.14 -3.63 0.00	34.00 -3.26 0.00	39.46 -3.33 0.00	35.17 -3.47 0.00	37.32 -3.60 0.31	41.07 -5.17 5.74	30.46 -4.25 3.88	36.89 -5.06 5.23	36.85 -4.79 4.91	30.96 -3.92 4.22	32.08 -3.80 4.32	34.68 -3.93 4.61	32.80 -3.83 4.40	33.79 -3.97 2.31	36.10 -4.16 1.46	52.70 -4.02 -6.52	59.51 -4.40 -7.51	64.64 -5.20 -1.85	31.78 -2.79 -2.12	26.81 -1.94 -5.35	34.67 -2.98 0.27	43.36 -3.65 0.01
NIAGARA_115E_LBMP 323715	42.93 -4.05 0.00	44.22 -3.85 0.00	38.11 -3.67 0.00	33.99 -3.27 0.00	39.48 -3.32 0.00	35.19 -3.45 0.00	37.30 -3.62 0.31	41.02 -5.25 5.71	30.44 -4.31 3.84	36.83 -5.15 5.20	36.78 -4.89 4.88	30.89 -4.01 4.19	32.00 -3.91 4.29	34.58 -4.06 4.58	32.70 -3.96 4.37	33.84 -3.93 2.30	35.99 -4.28 1.45	52.59 -4.14 -6.53	59.55 -4.37 -7.52	64.65 -5.20 -1.85	31.79 -2.77 -2.12	26.80 -1.97 -5.37	34.65 -3.01 0.27	43.50 -3.51 0.00
NIAGARA_115W_LBMP 323714	42.80 -4.18 0.00	44.14 -3.93 0.00	38.08 -3.69 0.00	33.95 -3.31 0.00	39.40 -3.40 0.00	35.10 -3.54 0.00	37.25 -3.67 0.31	40.95 -5.26 5.77	30.36 -4.32 3.91	36.77 -5.15 5.26	36.73 -4.88 4.94	30.86 -3.99 4.24	31.99 -3.88 4.34	34.58 -4.01 4.63	32.70 -3.91 4.42	33.71 -4.04 2.32	36.00 -4.24 1.47	52.59 -4.12 -6.51	59.39 -4.51 -7.50	64.50 -5.34 -1.85	31.71 -2.85 -2.12	26.76 -1.98 -5.33	34.60 -3.04 0.28	43.29 -3.72 0.01
NIAGARA_230_LBMP 323716	43.23 -3.75 0.00	44.57 -3.50 0.00	38.46 -3.32 0.00	34.29 -2.97 0.00	39.78 -3.01 0.00	35.47 -3.17 0.00	37.63 -3.27 0.33	41.31 -4.66 6.01	30.53 -3.86 4.20	37.09 -4.60 5.49	37.07 -4.33 5.14	31.14 -3.54 4.42	32.26 -3.42 4.52	34.87 -3.53 4.82	32.98 -3.45 4.61	34.09 -3.56 2.42	36.39 -3.75 1.58	53.04 -3.61 -6.45	59.99 -3.84 -7.43	65.28 -4.55 -1.83	32.06 -2.47 -2.10	26.87 -1.73 -5.20	34.91 -2.67 0.35	43.72 -3.28 0.01
NIAGARA__115KV_198_GIBSON 55903	42.80 -4.18 0.00	44.14 -3.93 0.00	38.08 -3.69 0.00	33.95 -3.31 0.00	39.39 -3.40 0.00	35.10 -3.54 0.00	37.24 -3.68 0.31	40.89 -5.32 5.77	30.29 -4.39 3.91	36.71 -5.21 5.26	36.66 -4.95 4.94	30.77 -4.08 4.24	31.92 -3.94 4.34	34.52 -4.07 4.63	32.64 -3.97 4.42	33.68 -4.06 2.32	35.97 -4.28 1.47	52.59 -4.12 -6.51	59.39 -4.51 -7.50	64.49 -5.35 -1.85	31.69 -2.87 -2.12	26.75 -1.99 -5.33	34.56 -3.09 0.28	43.30 -3.71 0.01
NIAGARA____ 23760	43.23 -3.75 0.00	44.57 -3.50 0.00	38.46 -3.32 0.00	34.29 -2.97 0.00	39.78 -3.01 0.00	35.47 -3.17 0.00	37.64 -3.27 0.32	41.47 -4.66 5.86	30.71 -3.86 4.02	37.23 -4.60 5.36	37.21 -4.33 5.00	31.26 -3.54 4.29	32.40 -3.42 4.38	35.01 -3.53 4.68	33.11 -3.45 4.47	34.15 -3.56 2.35	36.45 -3.75 1.52	53.08 -3.61 -6.49	60.03 -3.84 -7.46	65.29 -4.55 -1.84	32.07 -2.47 -2.11	26.96 -1.73 -5.28	34.96 -2.67 0.29	43.72 -3.28 0.01
NINE_MILE_1 23575	45.07 -1.91 0.00	46.13 -1.94 0.00	40.08 -1.69 0.00	35.76 -1.50 0.00	41.16 -1.63 0.00	37.10 -1.54 0.00	39.54 -1.69 0.00	49.80 -2.18 0.00	38.03 -1.69 -1.14	45.22 -2.07 -0.12	44.53 -2.01 0.00	37.41 -1.69 0.00	38.49 -1.72 0.00	41.38 -1.83 0.00	39.28 -1.76 0.00	38.36 -1.71 0.00	40.43 -1.76 -0.48	51.27 -1.96 -3.04	57.76 -2.14 -3.50	66.27 -2.59 -0.86	32.14 -1.29 -0.99	25.84 -0.84 -3.28	37.20 -1.24 -0.52	45.47 -1.57 -0.02
NINE_MILE_2 23744	45.07 -1.91 0.00	46.13 -1.94 0.00	40.09 -1.68 0.00	35.77 -1.50 0.00	41.16 -1.63 0.00	37.11 -1.53 0.00	39.54 -1.69 0.00	49.81 -2.17 0.00	38.03 -1.69 -1.13	45.22 -2.07 -0.11	44.53 -2.01 0.00	37.41 -1.69 0.00	38.49 -1.71 0.00	41.38 -1.83 0.00	39.28 -1.76 0.00	38.36 -1.70 0.00	40.44 -1.75 -0.47	51.27 -1.96 -3.03	57.75 -2.14 -3.49	66.26 -2.59 -0.86	32.13 -1.29 -0.99	25.83 -0.84 -3.27	37.20 -1.24 -0.52	45.47 -1.57 -0.02
NM_CAPITAL__DRP 24208	48.65 1.67 0.00	49.72 1.65 0.00	43.25 1.47 0.00	38.61 1.35 0.00	44.28 1.49 0.00	40.10 1.46 0.00	62.97 1.65 -20.09	59.09 2.08 -5.03	57.28 1.51 -17.18	50.74 1.81 -1.75	48.27 1.72 0.00	40.48 1.38 0.00	41.59 1.38 0.00	44.65 1.43 0.00	42.44 1.41 0.00	41.53 1.47 0.00	50.52 1.59 -7.21	98.01 1.85 -45.96	111.45 2.12 -52.92	83.47 2.44 -13.03	48.51 1.13 -14.95	73.78 0.80 -49.57	47.10 1.33 -7.85	48.95 1.58 -0.36

NM_CENTRAL___DRP 24181	45.73 -1.25 0.00	46.81 -1.26 0.00	40.66 -1.11 0.00	36.29 -0.97 0.00	41.82 -0.98 0.00	37.72 -0.91 0.00	40.30 -0.93 0.00	50.80 -1.18 0.00	39.16 -0.99 -1.56	46.11 -1.22 -0.16	45.38 -1.17 0.00	38.12 -0.97 0.00	39.22 -0.98 0.00	42.19 -1.02 0.00	40.04 -0.99 0.00	39.13 -0.94 0.00	41.43 -0.94 -0.65	53.46 -0.90 -4.16	60.24 -0.95 -4.79	68.01 -1.16 -1.18	33.16 -0.64 -1.35	27.48 -0.42 -4.49	38.04 -0.60 -0.71	46.25 -0.80 -0.03
NM_FRONTIER___DRP 24179	42.80 -4.18 0.00	44.14 -3.93 0.00	38.08 -3.69 0.00	33.95 -3.31 0.00	39.39 -3.40 0.00	35.10 -3.54 0.00	37.24 -3.68 0.31	40.89 -5.32 5.77	30.29 -4.39 3.91	36.71 -5.21 5.26	36.66 -4.95 4.94	30.77 -4.08 4.24	31.92 -3.94 4.34	34.52 -4.07 4.63	32.64 -3.97 4.42	33.68 -4.06 2.32	35.97 -4.28 1.47	52.59 -4.12 -6.51	59.39 -4.51 -7.50	64.49 -5.35 -1.85	31.69 -2.87 -2.12	26.75 -1.99 -5.33	34.56 -3.09 0.28	43.30 -3.71 0.01
NM_ST_REGIS___HYD 24053	52.50 5.52 0.00	53.48 5.41 0.00	46.37 4.60 0.00	41.29 4.03 0.00	47.79 5.00 0.00	43.01 4.37 0.00	46.38 5.14 0.00	58.40 6.42 0.00	43.26 4.18 -0.49	51.69 4.46 -0.05	51.59 5.04 0.00	43.05 3.95 0.00	44.27 4.07 0.00	48.14 4.93 0.00	44.96 3.93 0.00	42.70 2.63 0.00	44.39 2.46 -0.21	55.07 2.54 -2.33	63.06 2.99 -3.66	72.66 3.23 -1.44	35.03 1.50 -1.09	26.23 1.40 -1.42	41.25 3.10 -0.22	50.31 3.29 -0.01
NORTHPORT___1 23551	48.73 1.76 0.00	49.90 1.83 0.00	43.27 1.50 0.00	38.81 1.55 0.00	44.25 1.46 0.00	40.30 1.67 0.00	46.18 1.93 -3.01	55.55 2.81 -0.75	54.90 2.21 -14.10	50.83 2.22 -1.44	48.58 2.03 0.00	41.07 1.97 0.00	42.01 1.81 0.00	45.37 2.15 0.00	42.83 1.80 0.00	41.81 1.75 0.00	49.64 2.01 -5.91	90.63 2.72 -37.72	102.44 2.62 -43.42	81.69 3.01 -10.70	46.20 1.50 -12.27	65.18 1.10 -40.68	45.80 1.43 -6.45	49.33 2.03 -0.29
NORTHPORT___2 23552	48.73 1.76 0.00	49.90 1.83 0.00	43.27 1.50 0.00	38.81 1.55 0.00	44.25 1.46 0.00	40.30 1.67 0.00	46.18 1.93 -3.01	55.55 2.81 -0.75	54.90 2.21 -14.10	50.83 2.22 -1.44	48.58 2.03 0.00	41.07 1.97 0.00	42.01 1.81 0.00	45.37 2.15 0.00	42.83 1.80 0.00	41.81 1.75 0.00	49.64 2.01 -5.91	90.63 2.72 -37.72	102.44 2.62 -43.42	81.69 3.01 -10.70	46.20 1.50 -12.27	65.18 1.10 -40.68	45.80 1.43 -6.45	49.33 2.03 -0.29
NORTHPORT___3 23553	48.58 1.60 0.00	49.74 1.67 0.00	43.15 1.37 0.00	38.66 1.40 0.00	44.04 1.24 0.00	40.09 1.45 0.00	45.98 1.73 -3.01	55.24 2.50 -0.75	54.67 1.99 -14.10	50.68 2.07 -1.44	48.58 2.04 0.00	41.02 1.93 0.00	42.00 1.80 0.00	45.26 2.04 0.00	42.79 1.76 0.00	41.76 1.69 0.00	49.54 1.91 -5.91	90.45 2.53 -37.72	102.32 2.49 -43.42	81.55 2.85 -10.70	46.15 1.44 -12.27	65.15 1.06 -40.68	45.79 1.41 -6.45	49.23 1.93 -0.29
NORTHPORT___4 23650	48.58 1.60 0.00	49.74 1.67 0.00	43.15 1.37 0.00	38.66 1.40 0.00	44.04 1.24 0.00	40.09 1.45 0.00	45.98 1.73 -3.01	55.24 2.50 -0.75	54.67 1.99 -14.10	50.68 2.07 -1.44	48.58 2.04 0.00	41.02 1.93 0.00	42.00 1.80 0.00	45.26 2.04 0.00	42.79 1.76 0.00	41.76 1.69 0.00	49.54 1.91 -5.91	90.45 2.53 -37.72	102.32 2.49 -43.42	81.55 2.85 -10.70	46.15 1.44 -12.27	65.15 1.06 -40.68	45.79 1.41 -6.45	49.23 1.93 -0.29
NORTHPORT___IC 23718	48.73 1.76 0.00	49.90 1.83 0.00	43.27 1.50 0.00	38.82 1.56 0.00	44.25 1.46 0.00	40.30 1.67 0.00	46.17 1.93 -3.01	55.56 2.82 -0.75	54.90 2.21 -14.10	50.85 2.23 -1.44	48.58 2.04 0.00	41.08 1.98 0.00	42.02 1.82 0.00	45.38 2.16 0.00	42.85 1.82 0.00	41.82 1.76 0.00	49.64 2.01 -5.91	90.64 2.72 -37.72	102.44 2.61 -43.42	81.69 3.00 -10.70	46.20 1.50 -12.27	65.18 1.09 -40.68	45.80 1.43 -6.45	49.33 2.03 -0.29
NORTH___COUNTRY_ESR 323785	48.51 1.53 0.00	49.64 1.57 0.00	43.01 1.23 0.00	38.25 0.99 0.00	43.94 1.15 0.00	39.47 0.84 0.00	42.00 0.76 0.00	52.66 0.68 0.00	39.24 0.65 0.00	48.08 0.90 0.00	47.33 0.78 0.00	39.78 0.69 0.00	40.97 0.77 0.00	44.01 0.79 0.00	41.63 0.60 0.00	40.01 -0.05 0.00	41.33 -0.39 0.00	51.00 -1.00 -1.80	59.10 -1.11 -3.81	68.64 -1.24 -1.89	33.29 -0.33 -1.18	23.29 -0.11 0.00	37.72 -0.21 0.00	46.42 -0.60 0.00
NPX_GEN_1385_PROXY 323591	48.56 1.58 0.00	50.20 2.13 0.00	43.54 1.76 0.00	39.04 1.78 0.00	44.61 1.81 0.00	40.66 2.02 0.00	45.95 1.70 -3.01	55.71 2.97 -0.75	55.12 2.43 -14.10	51.00 2.38 -1.44	48.09 1.54 0.00	40.77 1.67 0.00	41.30 1.10 0.00	45.04 1.83 0.00	42.25 1.22 0.00	41.15 1.08 0.00	48.80 1.17 -5.91	89.78 1.86 -37.72	47.48 1.31 10.24	69.81 1.43 -0.39	45.48 0.77 -12.27	64.83 0.75 -40.68	45.07 0.69 -6.45	48.44 1.13 -0.29
NPX_GEN_CSC 323557	49.05 2.07 0.00	50.10 2.03 0.00	43.44 1.66 0.00	38.94 1.68 0.00	44.42 1.63 0.00	40.51 1.87 0.00	46.53 2.28 -3.01	56.02 3.28 -0.75	55.21 2.52 -14.10	50.52 1.91 -1.44	48.01 1.46 0.00	40.55 1.46 0.00	41.51 1.31 0.00	44.90 1.68 0.00	42.46 1.43 0.00	41.44 1.38 0.00	49.36 1.73 -5.91	90.66 2.75 -37.72	102.35 2.52 -43.42	81.43 2.74 -10.70	46.07 1.37 -12.27	64.98 0.89 -40.68	45.50 1.12 -6.45	49.65 2.34 -0.29
NSINS_S___GLNS_FALLS 23858	51.78 4.80 0.00	52.86 4.80 0.00	45.88 4.11 0.00	40.97 3.71 0.00	47.22 4.43 0.00	42.78 4.14 0.00	76.38 4.72 -30.43	65.60 5.99 -7.62	60.53 4.38 -17.56	54.25 5.29 -1.79	51.51 4.96 0.00	43.14 4.05 0.00	44.21 4.01 0.00	47.47 4.26 0.00	45.11 4.08 0.00	44.18 4.11 0.00	53.51 4.43 -7.37	102.55 5.39 -46.97	116.43 5.95 -54.08	88.37 7.06 -13.32	50.92 3.21 -15.28	76.34 2.28 -50.66	49.53 3.58 -8.02	51.90 4.52 -0.36
NUCOR_STEEL___DRP 24197	46.24 -0.73 0.00	47.39 -0.68 0.00	41.18 -0.60 0.00	36.75 -0.51 0.00	42.21 -0.58 0.00	38.20 -0.44 0.00	40.92 -0.32 0.00	51.52 -0.46 0.00	40.00 -0.59 -2.01	46.62 -0.77 -0.20	46.01 -0.54 0.00	38.65 -0.45 0.00	39.75 -0.45 0.00	42.77 -0.44 0.00	40.41 -0.62 0.00	39.63 -0.44 0.00	42.10 -0.46 -0.84	55.40 -0.16 -5.37	62.49 -0.09 -6.18	69.46 -0.05 -1.52	34.04 -0.14 -1.74	29.07 -0.12 -5.79	38.68 -0.16 -0.92	46.83 -0.22 -0.04
NUMBER_THREE_WT_PWR 323818	48.40 1.43 0.00	49.05 0.98 0.00	42.78 1.01 0.00	38.30 1.04 0.00	44.52 1.72 0.00	40.35 1.71 0.00	43.52 2.29 0.00	55.26 3.28 0.00	40.69 1.36 -0.74	48.07 0.82 -0.07	47.79 1.24 0.00	40.03 0.93 0.00	41.06 0.86 0.00	44.14 0.93 0.00	41.65 0.62 0.00	40.72 0.66 0.00	43.41 1.38 -0.31	54.18 2.00 -1.98	60.63 1.94 -2.28	69.80 1.24 -0.56	33.34 0.26 -0.64	25.76 0.22 -2.14	38.87 0.60 -0.34	47.54 0.51 -0.02
NYISO_LBMP_REFERENCE 24008	46.98 0.00 0.00	48.07 0.00 0.00	41.78 0.00 0.00	37.26 0.00 0.00	42.79 0.00 0.00	38.64 0.00 0.00	41.24 0.00 0.00	51.98 0.00 0.00	38.59 0.00 0.00	47.18 0.00 0.00	46.55 0.00 0.00	39.10 0.00 0.00	40.20 0.00 0.00	43.21 0.00 0.00	41.03 0.00 0.00	40.07 0.00 0.00	41.72 0.00 0.00	50.20 0.00 0.00	56.40 0.00 0.00	67.99 0.00 0.00	32.44 0.00 0.00	23.40 0.00 0.00	37.93 0.00 0.00	47.01 0.00 0.00

NYPA_BRENTWD____GT 24164	49.24 2.27 0.00	50.34 2.27 0.00	43.66 1.88 0.00	39.14 1.88 0.00	44.64 1.84 0.00	40.69 2.06 0.00	46.70 2.45 -3.01	56.22 3.48 -0.75	55.40 2.71 -14.10	51.36 2.74 -1.44	49.10 2.55 0.00	41.47 2.37 0.00	42.48 2.28 0.00	45.87 2.66 0.00	43.32 2.29 0.00	42.31 2.24 0.00	50.26 2.63 -5.91	91.47 3.55 -37.72	103.40 3.57 -43.42	82.79 4.10 -10.70	46.69 1.99 -12.27	65.48 1.40 -40.68	46.29 1.91 -6.45	49.94 2.64 -0.29
NYPA_GOWANUS____GT5 24156	57.42 1.80 -8.64	56.32 1.51 -6.74	56.04 1.26 -13.00	56.01 1.43 -17.32	56.04 1.22 -12.02	56.43 1.62 -16.17	56.34 2.10 -13.00	64.92 2.89 -10.05	58.51 2.29 -17.64	57.91 2.90 -7.84	58.25 2.87 -8.83	63.31 2.51 -21.71	62.42 2.49 -19.73	62.83 2.62 -17.00	62.30 2.54 -18.72	68.44 2.61 -25.76	98.59 2.72 -54.16	103.67 3.17 -50.30	108.65 3.53 -48.72	116.10 4.24 -43.86	60.18 2.08 -25.66	74.31 1.46 -49.45	62.33 2.19 -22.21	65.13 2.40 -15.71
NYPA_GOWANUS____GT6 24157	57.42 1.80 -8.64	56.32 1.51 -6.74	56.04 1.26 -13.00	56.01 1.43 -17.32	56.04 1.22 -12.02	56.43 1.62 -16.17	56.34 2.10 -13.00	64.92 2.89 -10.05	58.51 2.29 -17.64	57.91 2.90 -7.84	58.25 2.87 -8.83	63.31 2.51 -21.71	62.42 2.49 -19.73	62.83 2.62 -17.00	62.30 2.54 -18.72	68.44 2.61 -25.76	98.59 2.72 -54.16	103.67 3.17 -50.30	108.65 3.53 -48.72	116.10 4.24 -43.86	60.18 2.08 -25.66	74.31 1.46 -49.45	62.33 2.19 -22.21	65.13 2.40 -15.71
NYPA_HARLEM__RVR__GT1 24160	48.25 1.27 0.00	49.13 1.06 0.00	42.70 0.92 0.00	38.44 1.17 0.00	43.58 0.79 0.00	39.88 1.24 0.00	45.93 1.68 -3.01	54.99 2.25 -0.76	54.55 1.86 -14.10	50.98 2.36 -1.44	48.87 2.33 0.00	41.07 1.97 -0.01	42.17 1.96 -0.01	45.29 2.07 -0.01	43.01 1.97 -0.01	42.13 2.06 -0.01	49.85 2.22 -5.92	90.62 2.70 -37.73	102.76 2.92 -43.44	82.21 3.52 -10.70	46.40 1.69 -12.27	65.29 1.20 -40.69	46.10 1.72 -6.45	49.17 1.86 -0.29
NYPA_HARLEM__RVR__GT2 24161	48.25 1.27 0.00	49.13 1.06 0.00	42.70 0.92 0.00	38.44 1.17 0.00	43.58 0.79 0.00	39.88 1.24 0.00	45.93 1.68 -3.01	54.99 2.25 -0.76	54.55 1.86 -14.10	50.98 2.36 -1.44	48.87 2.33 0.00	41.07 1.97 -0.01	42.17 1.96 -0.01	45.29 2.07 -0.01	43.01 1.97 -0.01	42.13 2.06 -0.01	49.85 2.22 -5.92	90.62 2.70 -37.73	102.76 2.92 -43.44	82.21 3.52 -10.70	46.40 1.69 -12.27	65.29 1.20 -40.69	46.10 1.72 -6.45	49.17 1.86 -0.29
NYPA_KENT____GT 24152	53.83 1.65 -5.20	53.52 1.38 -4.07	50.81 1.17 -7.87	49.06 1.35 -10.45	51.15 1.12 -7.24	49.88 1.51 -9.73	52.21 1.95 -9.02	61.04 2.70 -6.35	56.99 2.17 -16.23	55.21 2.74 -5.29	54.58 2.72 -5.31	54.54 2.38 -13.07	54.44 2.36 -11.88	55.92 2.47 -10.23	54.70 2.40 -11.27	58.06 2.49 -15.50	79.26 2.59 -34.95	98.58 3.08 -45.30	106.41 3.39 -46.62	102.70 4.05 -30.66	54.73 1.96 -20.33	70.75 1.39 -45.96	55.90 2.04 -15.93	58.84 2.25 -9.57
NYPA_POUCH1____GT 24155	57.32 1.70 -8.64	56.21 1.40 -6.74	55.93 1.15 -13.00	55.92 1.33 -17.32	55.94 1.12 -12.02	56.35 1.55 -16.17	56.25 2.02 -13.00	64.78 2.75 -10.05	58.39 2.17 -17.64	57.79 2.78 -7.84	58.15 2.77 -8.83	63.23 2.43 -21.71	62.32 2.39 -19.73	62.74 2.52 -17.00	62.22 2.47 -18.72	68.35 2.52 -25.76	98.49 2.61 -54.16	98.46 2.95 -45.31	108.46 3.34 -48.72	115.93 4.07 -43.86	60.13 2.03 -25.66	74.28 1.42 -49.45	62.28 2.14 -22.21	65.07 2.34 -15.71
NYPA_VERNON____GT2 24162	50.23 1.50 -1.76	50.72 1.26 -1.40	45.58 1.07 -2.74	42.10 1.26 -3.58	46.27 1.03 -2.45	43.33 1.40 -3.29	48.13 1.85 -5.05	57.22 2.59 -2.65	55.48 2.07 -14.82	52.52 2.60 -2.74	50.93 2.58 -1.80	45.78 2.26 -4.43	46.46 2.23 -4.03	49.02 2.34 -3.47	47.11 2.26 -3.82	47.68 2.37 -5.25	59.92 2.46 -15.74	93.46 2.97 -40.29	104.17 3.26 -44.51	89.30 3.86 -17.45	49.29 1.85 -15.00	67.17 1.30 -42.47	49.50 1.91 -9.66	52.55 2.10 -3.43
NYPA_VERNON____GT3 24163	50.23 1.50 -1.76	50.72 1.26 -1.40	45.58 1.07 -2.74	42.10 1.26 -3.58	46.27 1.03 -2.45	43.33 1.40 -3.29	48.13 1.85 -5.05	57.22 2.59 -2.65	55.48 2.07 -14.82	52.52 2.60 -2.74	50.93 2.58 -1.80	45.78 2.26 -4.43	46.46 2.23 -4.03	49.02 2.34 -3.47	47.11 2.26 -3.82	47.68 2.37 -5.25	59.92 2.46 -15.74	93.46 2.97 -40.29	104.17 3.26 -44.51	89.30 3.86 -17.45	49.29 1.85 -15.00	67.17 1.30 -42.47	49.50 1.91 -9.66	52.55 2.10 -3.43
NYPA__ASTORIA_CC1 323568	48.41 1.43 0.00	49.26 1.19 0.00	42.79 1.01 0.00	38.47 1.21 0.00	43.76 0.96 0.00	39.98 1.34 0.00	46.04 1.79 -3.01	55.25 2.51 -0.76	54.69 2.00 -14.10	51.15 2.53 -1.44	49.05 2.50 0.00	41.30 2.19 -0.01	42.38 2.17 -0.01	45.49 2.27 -0.01	43.24 2.20 -0.01	42.37 2.30 -0.01	50.04 2.40 -5.92	90.84 2.91 -37.73	103.00 3.16 -43.44	82.44 3.75 -10.70	46.50 1.80 -12.27	65.36 1.27 -40.69	46.23 1.85 -6.45	49.33 2.02 -0.29
NYPA__ASTORIA_CC2 323569	48.41 1.43 0.00	49.26 1.19 0.00	42.79 1.01 0.00	38.47 1.21 0.00	43.76 0.96 0.00	39.98 1.34 0.00	46.04 1.79 -3.01	55.25 2.51 -0.76	54.69 2.00 -14.10	51.15 2.53 -1.44	49.05 2.50 0.00	41.30 2.19 -0.01	42.38 2.17 -0.01	45.49 2.27 -0.01	43.24 2.20 -0.01	42.37 2.30 -0.01	50.04 2.40 -5.92	90.84 2.91 -37.73	103.00 3.16 -43.44	82.44 3.75 -10.70	46.50 1.80 -12.27	65.36 1.27 -40.69	46.23 1.85 -6.45	49.33 2.02 -0.29
NYPA__HOLTSVILL 23794	48.99 2.01 0.00	50.06 1.99 0.00	43.41 1.63 0.00	38.92 1.66 0.00	44.39 1.60 0.00	40.46 1.82 0.00	46.47 2.22 -3.01	55.91 3.17 -0.75	55.16 2.47 -14.10	50.88 2.27 -1.44	48.51 1.96 0.00	40.97 1.88 0.00	41.95 1.75 0.00	45.34 2.12 0.00	42.87 1.83 0.00	41.84 1.77 0.00	49.76 2.13 -5.91	90.95 3.04 -37.72	102.76 2.93 -43.42	82.03 3.34 -10.70	46.34 1.63 -12.27	65.20 1.12 -40.68	45.85 1.48 -6.45	49.64 2.33 -0.29
NYPA__HELLGATE_GT1 24158	48.25 1.27 0.00	49.13 1.06 0.00	42.70 0.92 0.00	38.44 1.17 0.00	43.58 0.79 0.00	39.88 1.24 0.00	45.93 1.68 -3.01	55.03 2.29 -0.76	54.55 1.87 -14.10	50.98 2.36 -1.44	48.87 2.33 0.00	41.07 1.97 -0.01	42.17 1.96 -0.01	45.29 2.07 -0.01	43.01 1.97 -0.01	42.13 2.06 -0.01	49.85 2.22 -5.92	90.62 2.70 -37.73	102.76 2.92 -43.44	82.21 3.52 -10.70	46.40 1.69 -12.27	65.29 1.20 -40.69	46.10 1.72 -6.45	49.17 1.86 -0.29
NYPA__HELLGATE_GT2 24159	48.25 1.27 0.00	49.13 1.06 0.00	42.70 0.92 0.00	38.44 1.17 0.00	43.58 0.79 0.00	39.88 1.24 0.00	45.93 1.68 -3.01	55.03 2.29 -0.76	54.55 1.87 -14.10	50.98 2.36 -1.44	48.87 2.33 0.00	41.07 1.97 -0.01	42.17 1.96 -0.01	45.29 2.07 -0.01	43.01 1.97 -0.01	42.13 2.06 -0.01	49.85 2.22 -5.92	90.62 2.70 -37.73	102.76 2.92 -43.44	82.21 3.52 -10.70	46.40 1.69 -12.27	65.29 1.20 -40.69	46.10 1.72 -6.45	49.17 1.86 -0.29
NYS_BARGE__HYD 23848	43.47 -3.51 0.00	44.76 -3.31 0.00	38.61 -3.17 0.00	34.44 -2.82 0.00	40.01 -2.78 0.00	35.69 -2.95 0.00	37.86 -3.04 0.33	41.49 -4.41 6.09	30.61 -3.68 4.30	37.26 -4.36 5.56	37.24 -4.10 5.20	31.23 -3.39 4.47	32.34 -3.29 4.57	34.94 -3.40 4.88	33.05 -3.32 4.66	34.25 -3.37 2.45	36.40 -3.68 1.64	53.26 -3.35 -6.41	60.37 -3.42 -7.38	65.76 -4.05 -1.82	32.28 -2.24 -2.09	26.91 -1.61 -5.12	35.06 -2.49 0.38	44.06 -2.95 0.01

OAK ORCHARD___HYD 24046	44.78 -2.20 0.00	45.99 -2.09 0.00	39.80 -1.98 0.00	35.50 -1.76 0.00	41.05 -1.74 0.00	36.83 -1.81 0.00	39.47 -1.77 0.00	49.57 -2.41 0.00	38.61 -2.02 -2.04	45.01 -2.37 -0.21	44.34 -2.21 0.00	37.26 -1.84 0.00	38.42 -1.78 0.00	41.40 -1.81 0.00	39.25 -1.78 0.00	38.21 -1.85 0.00	40.60 -1.97 -0.86	53.96 -1.69 -5.46	61.00 -1.69 -6.28	67.51 -2.03 -1.55	33.01 -1.21 -1.78	28.44 -0.85 -5.89	37.53 -1.33 -0.93	45.31 -1.74 -0.04
OAKDALE___35_KV_LOAD 356122	45.98 -1.00 0.00	47.10 -0.97 0.00	40.91 -0.86 0.00	36.53 -0.73 0.00	42.08 -0.71 0.00	37.99 -0.65 0.00	42.09 -0.57 -1.43	51.68 -0.66 -0.36	42.67 -0.57 -4.65	46.95 -0.70 -0.47	45.86 -0.68 0.00	38.53 -0.57 0.00	39.64 -0.57 0.00	42.67 -0.54 0.00	40.50 -0.54 0.00	39.66 -0.40 0.00	43.17 -0.49 -1.95	62.41 -0.22 -12.43	70.54 -0.18 -14.32	71.36 -0.15 -3.53	36.30 -0.18 -4.04	36.69 -0.13 -13.41	39.78 -0.27 -2.13	46.76 -0.35 -0.10
OCC_CHEM___DRP 24175	42.87 -4.11 0.00	44.22 -3.85 0.00	38.15 -3.63 0.00	34.00 -3.26 0.00	39.46 -3.33 0.00	35.17 -3.47 0.00	37.32 -3.60 0.31	41.02 -5.22 5.74	30.39 -4.32 3.88	36.82 -5.13 5.23	36.78 -4.86 4.91	30.86 -4.01 4.22	32.01 -3.87 4.32	34.62 -3.99 4.61	32.74 -3.89 4.40	33.77 -3.99 2.31	36.06 -4.20 1.46	52.70 -4.02 -6.52	59.50 -4.41 -7.51	64.63 -5.22 -1.85	31.76 -2.80 -2.12	26.81 -1.95 -5.35	34.63 -3.02 0.27	43.36 -3.65 0.01
OH_GEN_PROXY 24063	43.32 -3.66 0.00	44.63 -3.44 0.00	38.53 -3.25 0.00	34.35 -2.91 0.00	39.85 -2.95 0.00	35.54 -3.10 0.00	37.76 -3.19 0.29	42.27 -4.49 5.23	31.53 -3.72 3.34	38.01 -4.43 4.74	37.89 -4.19 4.47	31.83 -3.42 3.84	32.97 -3.31 3.93	35.63 -3.40 4.19	33.70 -3.33 4.01	34.52 -3.43 2.12	36.82 -3.62 1.28	53.23 -3.44 -6.47	60.20 -3.65 -7.45	65.51 -4.32 -1.84	32.18 -2.37 -2.11	27.16 -1.67 -5.42	35.16 -2.59 0.18	43.82 -3.19 0.00
OLIN_CORP_DRP 24177	43.01 -3.97 0.00	44.30 -3.77 0.00	38.19 -3.58 0.00	34.06 -3.20 0.00	39.56 -3.24 0.00	35.26 -3.37 0.00	37.38 -3.54 0.31	41.21 -5.18 5.59	30.60 -4.29 3.70	36.99 -5.10 5.08	36.93 -4.84 4.78	30.98 -4.01 4.11	32.12 -3.88 4.20	34.71 -4.01 4.48	32.83 -3.91 4.28	33.97 -3.84 2.25	36.10 -4.22 1.39	52.73 -4.03 -6.57	59.71 -4.26 -7.56	64.79 -5.06 -1.86	31.86 -2.71 -2.14	26.91 -1.94 -5.44	34.71 -2.98 0.23	43.58 -3.43 0.00
OLIN_CORP_DSASP 323712	42.87 -4.11 0.00	44.22 -3.86 0.00	38.14 -3.63 0.00	34.00 -3.26 0.00	39.46 -3.33 0.00	35.17 -3.47 0.00	37.32 -3.60 0.31	41.07 -5.17 5.74	30.46 -4.25 3.88	36.89 -5.06 5.23	36.85 -4.79 4.91	30.96 -3.92 4.22	32.08 -3.80 4.32	34.68 -3.93 4.61	32.80 -3.83 4.40	33.79 -3.97 2.31	36.10 -4.16 1.46	52.70 -4.02 -6.52	59.51 -4.40 -7.51	64.64 -5.20 -1.85	31.78 -2.79 -2.12	26.81 -1.94 -5.35	34.67 -2.98 0.27	43.36 -3.65 0.01
ONEIDA_HERK_LFGE 323681	48.22 1.25 0.00	49.11 1.04 0.00	42.74 0.96 0.00	38.19 0.92 0.00	44.11 1.31 0.00	39.96 1.32 0.00	42.96 1.73 0.00	54.36 2.38 0.00	40.49 1.29 -0.61	48.47 1.23 -0.06	47.93 1.38 0.00	40.20 1.11 0.00	41.28 1.08 0.00	44.34 1.13 0.00	42.01 0.97 0.00	41.09 1.03 0.00	43.36 1.39 -0.25	53.69 1.87 -1.63	60.22 1.94 -1.88	70.30 1.85 -0.46	33.68 0.71 -0.53	25.68 0.52 -1.76	39.13 0.93 -0.28	48.00 0.98 -0.01
ONEIDA___115KV_TB4 55905	47.79 0.81 0.00	48.79 0.72 0.00	42.41 0.64 0.00	37.87 0.61 0.00	43.69 0.89 0.00	39.56 0.92 0.00	42.49 1.26 0.00	53.70 1.72 0.00	40.71 1.10 -1.02	48.50 1.22 -0.10	47.79 1.24 0.00	40.13 1.04 0.00	41.26 1.06 0.00	44.28 1.07 0.00	42.03 0.99 0.00	41.13 1.07 0.00	43.42 1.27 -0.43	54.59 1.67 -2.72	61.33 1.79 -3.14	70.77 2.01 -0.77	34.18 0.86 -0.88	26.92 0.58 -2.94	39.31 0.92 -0.47	48.07 1.04 -0.02
ONONDAGA_REF_OCCRA 23987	46.06 -0.92 0.00	47.12 -0.95 0.00	40.95 -0.83 0.00	36.53 -0.73 0.00	42.10 -0.70 0.00	37.99 -0.65 0.00	40.62 -0.61 0.00	51.20 -0.78 0.00	39.74 -0.69 -1.84	46.50 -0.86 -0.19	45.74 -0.81 0.00	38.41 -0.68 0.00	39.53 -0.67 0.00	42.51 -0.71 0.00	40.35 -0.68 0.00	39.44 -0.63 0.00	41.86 -0.63 -0.77	54.62 -0.50 -4.92	61.59 -0.48 -5.67	68.80 -0.59 -1.40	33.66 -0.37 -1.60	28.47 -0.24 -5.31	38.43 -0.34 -0.84	46.57 -0.49 -0.04
ONONDAGA___COGEN 23986	46.15 -0.83 0.00	47.24 -0.83 0.00	41.06 -0.71 0.00	36.63 -0.63 0.00	42.20 -0.59 0.00	38.09 -0.55 0.00	40.72 -0.51 0.00	51.33 -0.66 0.00	39.72 -0.61 -1.74	46.56 -0.79 -0.18	45.83 -0.71 0.00	38.49 -0.61 0.00	39.61 -0.59 0.00	42.59 -0.63 0.00	40.40 -0.64 0.00	39.49 -0.58 0.00	41.88 -0.57 -0.73	54.44 -0.42 -4.67	61.36 -0.41 -5.37	68.82 -0.49 -1.32	33.63 -0.33 -1.52	28.23 -0.21 -5.03	38.43 -0.29 -0.80	46.64 -0.41 -0.04
ONTARIO___LFGE 23819	45.52 -1.45 0.00	46.70 -1.37 0.00	40.51 -1.26 0.00	36.18 -1.08 0.00	41.85 -0.94 0.00	37.74 -0.90 0.00	40.68 -0.76 -0.20	54.52 -1.08 -3.62	44.04 -0.86 -6.31	49.83 -1.04 -3.69	48.68 -0.96 -3.10	40.94 -0.82 -2.66	42.08 -0.85 -2.72	45.27 -0.85 -2.91	42.92 -0.88 -2.78	40.67 -0.86 -1.47	43.37 -0.92 -2.57	55.94 -0.47 -6.22	63.32 -0.23 -7.16	69.48 -0.27 -1.76	34.18 -0.28 -2.02	30.93 -0.26 -7.79	39.36 -0.52 -1.96	46.30 -0.79 -0.08
ORANGEVILLE_WT_PWR 323706	42.19 -4.79 0.00	43.51 -4.56 0.00	37.74 -4.04 0.00	33.81 -3.46 0.00	39.48 -3.31 0.00	35.30 -3.34 0.00	36.18 -3.65 1.40	7.10 -4.99 39.90	-6.64 -4.03 41.19	4.28 -4.95 37.95	7.38 -4.87 34.29	5.50 -4.14 29.45	5.95 -4.11 30.14	6.66 -4.40 32.16	6.32 -3.98 30.73	20.00 -3.84 16.22	21.35 -3.99 16.37	54.54 -3.55 -7.90	62.18 -3.31 -9.09	66.47 -3.76 -2.24	32.85 -2.16 -2.57	18.18 -1.77 3.46	26.47 -2.96 8.50	43.00 -3.68 0.33
ORANGEVILLE___ESR 323794	42.19 -4.79 0.00	43.51 -4.56 0.00	37.74 -4.04 0.00	33.81 -3.46 0.00	39.48 -3.31 0.00	35.30 -3.34 0.00	36.18 -3.65 1.40	7.10 -4.99 39.90	-6.64 -4.03 41.19	4.28 -4.95 37.95	7.38 -4.87 34.29	5.50 -4.14 29.45	5.95 -4.11 30.14	6.66 -4.40 32.16	6.32 -3.98 30.73	20.00 -3.84 16.22	21.35 -3.99 16.37	54.54 -3.55 -7.90	62.18 -3.31 -9.09	66.47 -3.76 -2.24	32.85 -2.16 -2.57	18.18 -1.77 3.46	26.47 -2.96 8.50	43.00 -3.68 0.33
OSWEGATCHIE___HYD 24044	50.74 3.76 0.00	51.54 3.47 0.00	44.82 3.04 0.00	40.01 2.75 0.00	46.47 3.67 0.00	41.95 3.31 0.00	45.34 4.11 0.00	57.32 5.33 0.00	42.33 3.06 -0.68	50.11 2.86 -0.07	50.00 3.46 0.00	41.76 2.66 0.00	42.90 2.70 0.00	46.53 3.32 0.00	43.57 2.54 0.00	41.83 1.77 0.00	44.00 2.00 -0.29	54.97 2.35 -2.42	62.38 2.63 -3.36	71.62 2.49 -1.14	34.43 1.01 -0.98	26.31 0.93 -1.97	40.40 2.17 -0.31	49.25 2.23 -0.01
OSWEGO___5 23606	45.36 -1.62 0.00	46.43 -1.64 0.00	40.35 -1.42 0.00	36.00 -1.26 0.00	41.43 -1.37 0.00	37.35 -1.28 0.00	39.85 -1.39 0.00	50.19 -1.79 0.00	38.45 -1.40 -1.26	45.57 -1.74 -0.13	44.88 -1.67 0.00	37.70 -1.39 0.00	38.78 -1.42 0.00	41.71 -1.51 0.00	39.58 -1.45 0.00	38.66 -1.40 0.00	40.79 -1.45 -0.53	52.01 -1.57 -3.38	58.59 -1.70 -3.89	66.89 -2.07 -0.96	32.50 -1.04 -1.10	26.36 -0.69 -3.64	37.50 -1.01 -0.58	45.76 -1.27 -0.03

OSWEGO___6 23613	45.36 -1.62 0.00	46.43 -1.64 0.00	40.35 -1.42 0.00	36.00 -1.26 0.00	41.43 -1.37 0.00	37.35 -1.28 0.00	39.85 -1.39 0.00	50.19 -1.79 0.00	38.45 -1.40 -1.26	45.57 -1.74 -0.13	44.88 -1.67 0.00	37.70 -1.39 0.00	38.78 -1.42 0.00	41.71 -1.51 0.00	39.58 -1.45 0.00	38.66 -1.40 0.00	40.79 -1.45 -0.53	52.01 -1.57 -3.38	58.59 -1.70 -3.89	66.89 -2.07 -0.96	32.50 -1.04 -1.10	26.36 -0.69 -3.64	37.50 -1.01 -0.58	45.76 -1.27 -0.03
OUTOKUMPU-AB___DRP 24206	43.89 -3.09 0.00	45.22 -2.85 0.00	39.01 -2.76 0.00	34.78 -2.48 0.00	40.39 -2.41 0.00	36.05 -2.59 0.00	38.29 -2.65 0.30	42.65 -3.91 5.43	31.80 -3.29 3.50	38.41 -3.84 4.92	38.32 -3.58 4.64	32.11 -2.99 3.99	33.27 -2.85 4.08	35.97 -2.89 4.35	34.01 -2.87 4.16	34.95 -2.93 2.18	37.25 -3.15 1.31	54.14 -2.67 -6.62	61.25 -2.76 -7.62	66.66 -3.21 -1.88	32.70 -1.89 -2.15	27.59 -1.35 -5.54	35.65 -2.10 0.18	44.53 -2.48 0.00
OXBOW___BTM 323836	43.32 -3.66 0.00	44.65 -3.42 0.00	38.52 -3.25 0.00	34.34 -2.92 0.00	39.86 -2.93 0.00	35.55 -3.08 0.00	37.76 -3.17 0.30	41.84 -4.56 5.58	31.13 -3.77 3.69	37.64 -4.46 5.08	37.58 -4.19 4.77	31.56 -3.44 4.10	32.68 -3.33 4.20	35.33 -3.41 4.48	33.40 -3.36 4.28	34.34 -3.48 2.25	36.65 -3.69 1.38	53.39 -3.38 -6.57	60.35 -3.62 -7.57	65.60 -4.26 -1.86	32.22 -2.36 -2.14	27.19 -1.66 -5.45	35.15 -2.56 0.23	43.88 -3.13 0.00
OXBOW____ 24026	43.32 -3.66 0.00	44.66 -3.41 0.00	38.52 -3.25 0.00	34.33 -2.92 0.00	39.86 -2.93 0.00	35.55 -3.08 0.00	37.75 -3.18 0.30	41.78 -4.62 5.58	31.06 -3.84 3.69	37.57 -4.53 5.08	37.51 -4.26 4.77	31.47 -3.53 4.10	32.62 -3.39 4.20	35.27 -3.47 4.48	33.34 -3.41 4.28	34.32 -3.50 2.25	36.61 -3.72 1.38	53.38 -3.39 -6.57	60.34 -3.63 -7.57	65.60 -4.26 -1.86	32.20 -2.37 -2.14	27.18 -1.67 -5.45	35.10 -2.61 0.23	43.88 -3.13 0.00
OXY_CHEM_DSASP 323612	42.87 -4.11 0.00	44.22 -3.85 0.00	38.15 -3.63 0.00	34.00 -3.26 0.00	39.46 -3.33 0.00	35.17 -3.47 0.00	37.32 -3.60 0.31	41.02 -5.22 5.74	30.39 -4.32 3.88	36.82 -5.13 5.23	36.78 -4.86 4.91	30.86 -4.01 4.22	32.01 -3.87 4.32	34.62 -3.99 4.61	32.74 -3.89 4.40	33.77 -3.99 2.31	36.06 -4.20 1.46	52.70 -4.02 -6.52	59.50 -4.41 -7.51	64.63 -5.22 -1.85	31.76 -2.80 -2.12	26.81 -1.95 -5.35	34.63 -3.02 0.27	43.36 -3.65 0.01
OZONE_PARK_ESR 323760	48.71 1.73 0.00	49.57 1.50 0.00	43.05 1.28 0.00	38.69 1.43 0.00	44.05 1.25 0.00	40.21 1.57 0.00	46.29 2.04 -3.01	55.62 2.88 -0.76	54.91 2.22 -14.10	51.40 2.79 -1.44	49.29 2.75 0.00	41.47 2.38 0.00	42.58 2.38 0.00	45.71 2.50 0.00	43.45 2.41 0.00	42.58 2.52 0.00	50.25 2.62 -5.92	91.14 3.22 -37.72	103.39 3.56 -43.43	82.94 4.25 -10.70	46.71 2.01 -12.27	65.50 1.41 -40.68	46.46 2.09 -6.45	49.60 2.29 -0.29
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	42.87 -4.11 0.00	44.22 -3.85 0.00	38.15 -3.63 0.00	34.00 -3.26 0.00	39.46 -3.33 0.00	35.17 -3.47 0.00	37.32 -3.60 0.31	41.02 -5.22 5.74	30.39 -4.32 3.88	36.82 -5.13 5.23	36.78 -4.86 4.91	30.86 -4.01 4.22	32.01 -3.87 4.32	34.62 -3.99 4.61	32.74 -3.89 4.40	33.77 -3.99 2.31	36.06 -4.20 1.46	52.70 -4.02 -6.52	59.50 -4.41 -7.51	64.63 -5.22 -1.85	31.76 -2.80 -2.12	26.81 -1.95 -5.35	34.63 -3.02 0.27	43.36 -3.65 0.01
PACKARD___115KV_DUPONT_184 80571	42.87 -4.11 0.00	44.22 -3.85 0.00	38.15 -3.63 0.00	34.00 -3.26 0.00	39.46 -3.33 0.00	35.17 -3.47 0.00	37.32 -3.60 0.31	41.02 -5.22 5.74	30.39 -4.32 3.88	36.82 -5.13 5.23	36.78 -4.86 4.91	30.86 -4.01 4.22	32.01 -3.87 4.32	34.62 -3.99 4.61	32.74 -3.89 4.40	33.77 -3.99 2.31	36.06 -4.20 1.46	52.70 -4.02 -6.52	59.50 -4.41 -7.51	64.63 -5.22 -1.85	31.76 -2.80 -2.12	26.81 -1.95 -5.35	34.63 -3.02 0.27	43.36 -3.65 0.01
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	48.39 1.42 0.00	49.27 1.20 0.00	42.81 1.03 0.00	38.50 1.24 0.00	43.72 0.93 0.00	39.97 1.33 0.00	46.04 1.79 -3.01	55.22 2.48 -0.76	54.66 1.98 -14.10	51.12 2.50 -1.44	49.00 2.46 0.00	41.18 2.08 -0.01	42.30 2.09 -0.01	45.44 2.21 -0.01	43.17 2.13 -0.01	42.27 2.21 -0.01	49.98 2.34 -5.92	90.77 2.85 -37.73	102.94 3.11 -43.44	82.41 3.72 -10.70	46.50 1.79 -12.27	65.36 1.26 -40.69	46.23 1.85 -6.45	49.31 2.00 -0.29
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	49.16 2.18 0.00	50.11 2.04 0.00	43.54 1.77 0.00	39.14 1.88 0.00	44.54 1.74 0.00	40.73 2.09 0.00	46.92 2.67 -3.01	56.27 3.53 -0.76	55.39 2.70 -14.10	51.96 3.35 -1.44	49.80 3.25 0.00	41.82 2.71 -0.01	42.93 2.72 -0.01	46.15 2.93 -0.01	43.84 2.80 -0.01	42.88 2.81 -0.01	50.63 3.00 -5.92	91.61 3.69 -37.73	103.95 4.12 -43.44	83.66 4.97 -10.70	47.04 2.33 -12.27	65.69 1.60 -40.69	46.81 2.44 -6.45	50.00 2.70 -0.29
PATROON___115KV_TB1 80586	49.10 2.12 0.00	50.18 2.11 0.00	43.65 1.87 0.00	38.95 1.69 0.00	44.64 1.85 0.00	40.48 1.84 0.00	67.71 2.12 -24.36	60.77 2.69 -6.10	57.92 1.96 -17.37	51.31 2.37 -1.77	48.82 2.28 0.00	40.94 1.84 0.00	42.07 1.87 0.00	45.17 1.96 0.00	42.94 1.91 0.00	42.02 1.96 0.00	51.11 2.11 -7.29	99.11 2.46 -46.46	112.71 2.82 -53.49	84.46 3.29 -13.17	49.05 1.51 -15.11	74.58 1.07 -50.10	47.58 1.72 -7.93	49.40 2.03 -0.36
PATTRSNVILLE___SOLAR 323815	48.48 1.50 0.00	49.57 1.50 0.00	43.09 1.32 0.00	38.44 1.18 0.00	44.15 1.36 0.00	39.92 1.28 0.00	76.73 1.52 -33.98	62.46 1.97 -8.51	58.16 1.40 -18.17	50.74 1.71 -1.85	48.16 1.61 0.00	40.35 1.25 0.00	41.38 1.18 0.00	44.57 1.36 0.00	42.36 1.33 0.00	41.42 1.36 0.00	50.84 1.50 -7.62	100.75 1.94 -48.61	114.55 2.18 -55.97	84.32 2.54 -13.79	49.41 1.16 -15.81	76.68 0.85 -52.43	47.56 1.33 -8.30	48.94 1.55 -0.38
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	45.14 -1.84 0.00	46.46 -1.61 0.00	40.13 -1.65 0.00	35.79 -1.48 0.00	41.54 -1.25 0.00	37.14 -1.49 0.00	39.52 -1.50 0.22	45.58 -2.43 3.98	34.73 -2.13 1.73	41.19 -2.47 3.53	40.87 -2.27 3.41	34.28 -1.89 2.93	35.48 -1.73 2.99	38.41 -1.61 3.19	36.29 -1.69 3.05	36.73 -1.74 1.60	39.20 -1.92 0.60	56.12 -1.16 -7.09	63.53 -1.04 -8.16	68.95 -1.06 -2.01	33.81 -0.94 -2.31	29.21 -0.68 -6.48	37.14 -1.04 -0.25	45.90 -1.13 -0.02
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	48.77 1.79 0.00	49.71 1.64 0.00	43.20 1.43 0.00	38.72 1.46 0.00	44.23 1.44 0.00	40.25 1.62 0.00	46.36 2.07 -3.06	55.61 2.86 -0.77	54.91 2.14 -14.18	51.23 2.61 -1.44	49.09 2.54 0.00	41.24 2.15 0.00	42.34 2.14 0.00	45.50 2.29 0.00	43.22 2.19 0.00	42.34 2.27 0.00	50.09 2.43 -5.94	91.13 3.06 -37.87	103.40 3.40 -43.60	82.72 3.98 -10.74	46.61 1.85 -12.32	65.54 1.30 -40.84	46.29 1.89 -6.47	49.43 2.13 -0.29
PEEKSKILL____ 23653	48.07 1.10 0.00	49.15 1.08 0.00	42.69 0.92 0.00	38.29 1.03 0.00	43.70 0.90 0.00	39.79 1.15 0.00	45.77 1.53 -3.01	54.90 2.17 -0.75	54.29 1.65 -14.05	50.63 2.02 -1.43	48.55 1.99 0.00	40.79 1.69 0.00	41.87 1.67 0.00	44.96 1.74 0.00	42.73 1.69 0.00	41.86 1.79 0.00	49.51 1.90 -5.89	90.14 2.36 -37.58	102.27 2.60 -43.27	81.71 3.06 -10.66	46.11 1.45 -12.22	64.94 1.01 -40.53	45.83 1.49 -6.42	48.98 1.68 -0.29

PGE MADISON___WINDPWR 24146	46.86 -0.12 0.00	47.98 -0.10 0.00	41.64 -0.14 0.00	37.09 -0.17 0.00	42.84 0.05 0.00	38.85 0.21 0.00	44.21 0.86 -2.12	55.17 1.37 -1.83	45.32 0.78 -5.95	49.64 0.75 -1.71	48.08 0.41 -1.12	40.40 0.35 -0.96	41.55 0.36 -0.98	44.60 0.33 -1.05	42.44 0.40 -1.00	41.27 0.68 -0.53	44.70 0.51 -2.47	63.28 1.02 -12.06	71.65 1.37 -13.88	73.11 1.69 -3.42	36.99 0.64 -3.92	37.42 0.62 -13.40	40.80 0.49 -2.38	47.71 0.58 -0.11
PIERCEFIELD___HYD 23852	53.02 6.04 0.00	54.00 5.93 0.00	46.82 5.05 0.00	41.71 4.45 0.00	48.35 5.56 0.00	43.52 4.88 0.00	47.06 5.82 0.00	59.28 7.30 0.00	43.82 4.67 -0.56	52.12 4.89 -0.06	52.17 5.63 0.00	43.50 4.41 0.00	44.72 4.53 0.00	48.77 5.56 0.00	45.44 4.41 0.00	43.05 2.99 0.00	44.80 2.85 -0.23	55.60 3.04 -2.36	63.53 3.58 -3.56	73.17 3.84 -1.34	35.22 1.72 -1.06	26.63 1.61 -1.61	41.82 3.63 -0.25	50.97 3.94 -0.01
PINELAWN_CC_1 323563	48.99 2.01 0.00	50.04 1.97 0.00	43.40 1.62 0.00	38.90 1.64 0.00	44.37 1.57 0.00	40.43 1.79 0.00	46.42 2.18 -3.01	55.83 3.09 -0.75	55.11 2.43 -14.10	51.15 2.54 -1.44	48.95 2.41 0.00	41.31 2.21 0.00	42.32 2.12 0.00	45.68 2.47 0.00	43.19 2.16 0.00	42.11 2.04 0.00	50.07 2.44 -5.91	91.17 3.26 -37.72	103.15 3.32 -43.42	82.53 3.84 -10.70	46.56 1.86 -12.27	65.40 1.32 -40.68	46.19 1.82 -6.45	49.71 2.40 -0.29
PJM_GEN_HTP_PROXY 323702	48.25 1.27 0.00	49.12 1.05 0.00	42.67 0.89 0.00	38.34 1.08 0.00	43.66 0.86 0.00	39.83 1.19 0.00	45.84 1.60 -3.01	55.04 2.30 -0.76	54.49 1.80 -14.10	50.86 2.25 -1.44	48.78 2.23 0.00	41.03 1.94 0.00	42.10 1.90 0.00	45.20 1.98 0.00	42.95 1.92 0.00	42.11 2.04 0.00	49.75 2.12 -5.91	82.41 2.61 -29.60	102.68 2.85 -43.43	82.08 3.39 -10.70	46.30 1.60 -12.27	65.21 1.13 -40.68	46.01 1.64 -6.45	49.68 1.80 -0.87
PJM_GEN_KEystone 24065	46.01 -0.97 0.00	47.02 -1.05 0.00	40.75 -1.02 0.00	36.47 -0.79 0.00	41.93 -0.86 0.00	37.93 -0.71 0.00	42.62 -0.53 -1.92	51.83 -0.63 -0.48	46.71 -0.56 -8.68	47.41 -0.65 -0.88	45.98 -0.57 0.00	38.61 -0.48 0.00	39.74 -0.46 0.00	42.78 -0.43 0.00	40.61 -0.42 0.00	39.76 -0.30 0.00	44.96 -0.40 -3.65	65.26 -0.06 -15.12	83.17 0.01 -26.75	74.62 0.04 -6.59	39.90 -0.09 -7.56	48.38 -0.08 -25.06	41.68 -0.21 -3.97	47.45 -0.32 -0.76
PJM_GEN_NEPTUNE_PROXY 323594	48.50 1.53 0.00	49.54 1.47 0.00	42.98 1.21 0.00	38.53 1.27 0.00	43.95 1.15 0.00	40.03 1.39 0.00	45.99 1.75 -3.01	55.23 2.49 -0.75	54.64 1.96 -14.10	50.74 2.13 -1.44	48.58 2.04 0.00	40.98 1.89 0.00	42.00 1.80 0.00	45.25 2.04 0.00	42.85 1.81 0.00	41.87 1.80 0.00	49.67 2.04 -5.91	82.45 2.66 -29.60	102.54 2.72 -43.42	81.85 3.16 -10.70	46.25 1.54 -12.27	65.19 1.11 -40.68	45.88 1.51 -6.45	49.81 1.92 -0.87
PJM_GEN_VFT_PROXY 323633	48.01 1.03 0.00	48.86 0.79 0.00	42.46 0.69 0.00	38.17 0.91 0.00	43.45 0.65 0.00	39.64 1.01 0.00	45.65 1.40 -3.01	54.75 2.01 -0.76	54.27 1.58 -14.10	50.60 1.98 -1.44	48.51 1.96 0.00	40.81 1.72 0.00	41.87 1.67 0.00	44.94 1.73 0.00	42.74 1.71 0.00	41.89 1.82 0.00	49.51 1.88 -5.92	82.12 2.32 -29.61	102.35 2.51 -43.43	81.64 2.95 -10.70	46.13 1.42 -12.27	65.09 1.00 -40.68	45.83 1.45 -6.45	49.43 1.55 -0.87
PLATSBURG_115KV_PMLD1 355749	49.65 2.67 0.00	50.70 2.63 0.00	43.87 2.10 0.00	39.09 1.83 0.00	44.89 2.10 0.00	40.28 1.64 0.00	42.90 1.66 0.00	53.58 1.59 0.00	39.83 1.24 0.00	48.96 1.79 0.00	48.01 1.46 0.00	40.31 1.22 0.00	41.50 1.30 0.00	44.47 1.26 0.00	42.02 0.98 0.00	40.12 0.06 0.00	41.14 -0.58 0.00	22.22 -1.37 26.60	-1.35 -1.48 56.28	38.22 -1.87 27.91	14.34 -0.64 17.46	23.18 -0.23 0.00	37.61 -0.32 0.00	46.24 -0.77 0.00
PLEASANTVLY___LBMP 24000	48.10 1.12 0.00	49.04 0.97 0.00	42.63 0.85 0.00	38.19 0.93 0.00	43.62 0.83 0.00	39.66 1.02 0.00	45.77 1.37 -3.17	54.71 1.93 -0.79	54.66 1.46 -14.61	50.47 1.80 -1.49	48.31 1.77 0.00	40.58 1.49 0.00	41.66 1.46 0.00	44.73 1.51 0.00	42.50 1.47 0.00	41.61 1.55 0.00	49.50 1.65 -6.13	91.31 2.02 -39.09	103.64 2.23 -45.01	81.71 2.63 -11.09	46.40 1.25 -12.71	66.45 0.88 -42.16	45.93 1.32 -6.68	48.80 1.49 -0.30
PLSNTVLE_13_KV_13.8KVDIST 80602	48.29 1.31 0.00	49.22 1.14 0.00	42.75 0.97 0.00	38.36 1.10 0.00	43.77 0.97 0.00	39.84 1.20 0.00	45.87 1.61 -3.03	55.01 2.27 -0.76	54.49 1.73 -14.17	50.76 2.13 -1.44	48.65 2.10 0.00	40.90 1.80 0.00	41.98 1.78 0.00	45.08 1.87 0.00	42.81 1.78 0.00	41.96 1.89 0.00	49.67 2.00 -5.95	90.60 2.48 -37.92	102.75 2.69 -43.66	81.94 3.20 -10.76	46.28 1.50 -12.33	65.36 1.06 -40.90	45.96 1.56 -6.48	49.08 1.77 -0.29
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	48.29 1.31 0.00	49.22 1.14 0.00	42.75 0.97 0.00	38.36 1.10 0.00	43.77 0.97 0.00	39.84 1.20 0.00	45.87 1.61 -3.03	55.01 2.27 -0.76	54.49 1.73 -14.17	50.76 2.13 -1.44	48.65 2.10 0.00	40.90 1.80 0.00	41.98 1.78 0.00	45.08 1.87 0.00	42.81 1.78 0.00	41.96 1.89 0.00	49.67 2.00 -5.95	90.60 2.48 -37.92	102.75 2.69 -43.66	81.94 3.20 -10.76	46.28 1.50 -12.33	65.36 1.06 -40.90	45.96 1.56 -6.48	49.08 1.77 -0.29
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	48.62 1.64 0.00	49.57 1.50 0.00	43.09 1.31 0.00	38.61 1.35 0.00	44.13 1.33 0.00	40.13 1.49 0.00	46.23 1.90 -3.09	55.39 2.64 -0.78	54.81 1.98 -14.25	51.05 2.42 -1.45	48.88 2.34 0.00	41.05 1.96 0.00	42.10 1.90 0.00	45.18 1.96 0.00	42.92 1.89 0.00	42.01 1.95 0.00	49.78 2.10 -5.96	90.83 2.61 -38.02	103.08 2.91 -43.78	82.22 3.44 -10.78	46.41 1.61 -12.36	65.53 1.12 -41.01	46.09 1.67 -6.50	49.21 1.90 -0.29
POLETTI___ 23519	48.17 1.20 0.00	49.04 0.97 0.00	42.62 0.85 0.00	38.34 1.08 0.00	43.60 0.81 0.00	39.79 1.16 0.00	45.80 1.56 -3.01	54.98 2.24 -0.76	54.45 1.76 -14.10	50.83 2.22 -1.44	48.74 2.19 0.00	41.03 1.94 0.00	42.11 1.91 0.00	45.20 1.99 0.00	42.97 1.94 0.00	42.11 2.05 0.00	49.73 2.10 -5.92	90.49 2.57 -37.72	102.63 2.79 -43.43	82.00 3.31 -10.70	46.28 1.58 -12.27	65.21 1.12 -40.68	46.05 1.67 -6.45	49.16 1.85 -0.29
POMONA___ESR 323819	48.07 1.10 0.00	48.96 0.88 0.00	42.52 0.75 0.00	38.11 0.85 0.00	43.52 0.73 0.00	39.63 0.99 0.00	45.45 1.36 -2.86	54.63 1.93 -0.72	53.53 1.46 -13.48	50.36 1.81 -1.37	48.36 1.81 0.00	40.59 1.49 0.00	41.67 1.47 0.00	44.76 1.54 0.00	42.55 1.52 0.00	41.68 1.61 0.00	49.06 1.69 -5.66	88.39 2.12 -36.07	100.31 2.37 -41.53	80.98 2.76 -10.23	45.48 1.31 -11.73	63.22 0.91 -38.91	45.41 1.31 -6.17	48.78 1.48 -0.28
PORT_JEFF_3 23555	49.15 2.17 0.00	50.21 2.14 0.00	43.53 1.76 0.00	39.03 1.77 0.00	44.51 1.71 0.00	40.59 1.94 0.00	46.61 2.36 -3.01	56.10 3.36 -0.75	55.29 2.61 -14.10	51.03 2.42 -1.44	48.68 2.13 0.00	41.11 2.02 0.00	42.11 1.91 0.00	45.50 2.29 0.00	43.03 1.99 0.00	42.00 1.93 0.00	49.92 2.29 -5.91	91.20 3.28 -37.72	103.03 3.20 -43.42	82.35 3.66 -10.70	46.48 1.78 -12.27	65.30 1.21 -40.68	46.00 1.63 -6.45	49.80 2.50 -0.29

PORT_JEFF_4 23616	49.15 2.17 0.00	50.21 2.14 0.00	43.53 1.76 0.00	39.03 1.77 0.00	44.51 1.71 0.00	40.59 1.94 0.00	46.61 2.36 -3.01	56.10 3.36 -0.75	55.29 2.61 -14.10	51.03 2.42 -1.44	48.68 2.13 0.00	41.11 2.02 0.00	42.11 1.91 0.00	45.50 2.29 0.00	43.03 1.99 0.00	42.00 1.93 0.00	49.92 2.29 -5.91	91.20 3.28 -37.72	103.03 3.20 -43.42	82.35 3.66 -10.70	46.48 1.78 -12.27	65.30 1.21 -40.68	46.00 1.63 -6.45	49.80 2.50 -0.29
PORT_JEFF_IC 23713	49.16 2.18 0.00	50.22 2.15 0.00	43.54 1.77 0.00	39.03 1.77 0.00	44.51 1.71 0.00	40.59 1.95 0.00	46.61 2.36 -3.01	56.11 3.37 -0.75	55.31 2.62 -14.10	51.07 2.46 -1.44	48.74 2.19 0.00	41.14 2.05 0.00	42.15 1.95 0.00	45.56 2.35 0.00	43.07 2.04 0.00	42.03 1.97 0.00	49.96 2.33 -5.91	91.24 3.32 -37.72	103.08 3.26 -43.42	82.42 3.73 -10.70	46.51 1.81 -12.27	65.32 1.24 -40.68	46.02 1.64 -6.45	49.80 2.50 -0.29
PPL PILGRIM_ST_GT1 24216	49.24 2.27 0.00	50.34 2.27 0.00	43.66 1.88 0.00	39.14 1.88 0.00	44.64 1.84 0.00	40.69 2.06 0.00	46.70 2.45 -3.01	56.22 3.48 -0.75	55.40 2.71 -14.10	51.36 2.74 -1.44	49.10 2.55 0.00	41.47 2.37 0.00	42.48 2.28 0.00	45.87 2.66 0.00	43.32 2.29 0.00	42.31 2.24 0.00	50.26 2.63 -5.91	91.47 3.55 -37.72	103.40 3.57 -43.42	82.79 4.10 -10.70	46.69 1.99 -12.27	65.48 1.40 -40.68	46.29 1.91 -6.45	49.94 2.64 -0.29
PPL PILGRIM_ST_GT2 24217	49.24 2.27 0.00	50.34 2.27 0.00	43.66 1.88 0.00	39.14 1.88 0.00	44.64 1.84 0.00	40.69 2.06 0.00	46.70 2.45 -3.01	56.22 3.48 -0.75	55.40 2.71 -14.10	51.36 2.74 -1.44	49.10 2.55 0.00	41.47 2.37 0.00	42.48 2.28 0.00	45.87 2.66 0.00	43.32 2.29 0.00	42.31 2.24 0.00	50.26 2.63 -5.91	91.47 3.55 -37.72	103.40 3.57 -43.42	82.79 4.10 -10.70	46.69 1.99 -12.27	65.48 1.40 -40.68	46.29 1.91 -6.45	49.94 2.64 -0.29
PPL_SHRM_GT3 24213	49.11 2.13 0.00	50.16 2.09 0.00	43.49 1.71 0.00	38.98 1.72 0.00	44.47 1.67 0.00	40.56 1.92 0.00	46.60 2.35 -3.01	56.09 3.35 -0.75	55.25 2.56 -14.10	50.50 1.89 -1.44	47.92 1.38 0.00	40.50 1.40 0.00	41.42 1.22 0.00	44.84 1.62 0.00	42.41 1.38 0.00	41.38 1.31 0.00	49.31 1.68 -5.91	90.65 2.74 -37.72	102.32 2.50 -43.42	81.40 2.71 -10.70	46.04 1.34 -12.27	64.95 0.87 -40.68	45.46 1.08 -6.45	49.67 2.37 -0.29
PPL_SHRM_GT4 24214	49.11 2.13 0.00	50.16 2.09 0.00	43.49 1.71 0.00	38.98 1.72 0.00	44.47 1.67 0.00	40.56 1.92 0.00	46.60 2.35 -3.01	56.09 3.35 -0.75	55.25 2.56 -14.10	50.50 1.89 -1.44	47.92 1.38 0.00	40.50 1.40 0.00	41.42 1.22 0.00	44.84 1.62 0.00	42.41 1.38 0.00	41.38 1.31 0.00	49.31 1.68 -5.91	90.65 2.74 -37.72	102.32 2.50 -43.42	81.40 2.71 -10.70	46.04 1.34 -12.27	64.95 0.87 -40.68	45.46 1.08 -6.45	49.67 2.37 -0.29
PROJECT___ORANGE 1 24174	45.73 -1.25 0.00	46.80 -1.27 0.00	40.66 -1.11 0.00	36.28 -0.98 0.00	41.80 -0.99 0.00	37.71 -0.92 0.00	40.29 -0.94 0.00	50.79 -1.20 0.00	39.17 -0.99 -1.57	46.11 -1.23 -0.16	45.37 -1.17 0.00	38.11 -0.98 0.00	39.22 -0.98 0.00	42.18 -1.03 0.00	40.04 -0.99 0.00	39.12 -0.94 0.00	41.43 -0.94 -0.66	53.50 -0.90 -4.21	60.30 -0.95 -4.84	68.03 -1.16 -1.19	33.17 -0.64 -1.37	27.53 -0.42 -4.54	38.04 -0.60 -0.72	46.25 -0.80 -0.03
PROJECT___ORANGE 2 24166	45.73 -1.25 0.00	46.80 -1.27 0.00	40.66 -1.11 0.00	36.28 -0.98 0.00	41.80 -0.99 0.00	37.71 -0.92 0.00	40.29 -0.94 0.00	50.79 -1.20 0.00	39.17 -0.99 -1.57	46.11 -1.23 -0.16	45.37 -1.17 0.00	38.11 -0.98 0.00	39.22 -0.98 0.00	42.18 -1.03 0.00	40.04 -0.99 0.00	39.12 -0.94 0.00	41.43 -0.94 -0.66	53.50 -0.90 -4.21	60.30 -0.95 -4.84	68.03 -1.16 -1.19	33.17 -0.64 -1.37	27.53 -0.42 -4.54	38.04 -0.60 -0.72	46.25 -0.80 -0.03
PUCKETT___SOLAR 323809	46.20 -0.78 0.00	47.33 -0.74 0.00	41.11 -0.66 0.00	36.68 -0.58 0.00	42.27 -0.52 0.00	38.21 -0.43 0.00	42.75 -0.22 -1.73	52.23 -0.19 -0.43	43.09 -0.29 -4.79	47.25 -0.42 -0.49	46.07 -0.48 0.00	38.72 -0.37 0.00	39.82 -0.38 0.00	42.84 -0.38 0.00	40.68 -0.36 0.00	39.86 -0.20 0.00	43.43 -0.30 -2.01	63.03 0.02 -12.82	71.26 0.10 -14.76	71.85 0.22 -3.64	36.57 -0.04 -4.17	37.24 0.02 -13.82	40.04 -0.08 -2.19	47.08 -0.04 -0.10
PYRITES___HYD 24023	54.41 7.43 0.00	55.42 7.35 0.00	48.01 6.23 0.00	42.72 5.47 0.00	49.60 6.81 0.00	44.79 6.15 0.00	48.61 7.38 0.00	61.16 9.18 0.00	45.05 5.90 -0.56	53.40 6.16 -0.06	53.48 6.94 0.00	44.47 5.37 0.00	45.72 5.52 0.00	49.96 6.74 0.00	46.51 5.48 0.00	44.27 4.20 0.00	46.11 4.16 -0.23	57.33 4.77 -2.36	65.67 5.71 -3.56	75.75 6.42 -1.34	36.40 2.91 -1.06	27.45 2.43 -1.61	43.07 4.89 -0.25	52.41 5.38 -0.01
QUAKERRD_115KV_BK1 80622	44.14 -2.84 0.00	45.31 -2.76 0.00	39.25 -2.53 0.00	35.00 -2.26 0.00	40.45 -2.35 0.00	36.35 -2.29 0.00	38.93 -2.31 0.00	48.90 -3.08 0.00	38.07 -2.49 -1.97	44.41 -2.97 -0.20	43.72 -2.83 0.00	36.72 -2.37 0.00	37.87 -2.33 0.00	40.78 -2.43 0.00	38.66 -2.37 0.00	37.67 -2.39 0.00	40.06 -2.48 -0.83	53.06 -2.42 -5.28	59.90 -2.58 -6.08	66.39 -3.10 -1.50	32.46 -1.69 -1.72	27.90 -1.21 -5.70	36.91 -1.91 -0.90	44.61 -2.44 -0.04
QUEENSBRY_115KV_TB8 356137	52.00 5.02 0.00	53.07 5.00 0.00	46.03 4.25 0.00	41.11 3.85 0.00	47.42 4.62 0.00	42.93 4.30 0.00	76.64 4.90 -30.50	65.86 6.24 -7.64	60.73 4.58 -17.56	54.50 5.53 -1.79	51.73 5.18 0.00	43.33 4.23 0.00	44.39 4.19 0.00	47.66 4.45 0.00	45.31 4.28 0.00	44.38 4.31 0.00	53.75 4.66 -7.37	102.85 5.67 -46.98	116.75 6.26 -54.10	88.76 7.44 -13.32	51.09 3.37 -15.28	76.47 2.39 -50.67	49.70 3.76 -8.02	52.15 4.77 -0.36
RAMAPO___LBMP 323565	47.90 0.93 0.00	48.78 0.71 0.00	42.36 0.58 0.00	37.96 0.70 0.00	43.36 0.56 0.00	39.48 0.84 0.00	45.25 1.19 -2.83	54.40 1.71 -0.71	53.20 1.28 -13.34	50.13 1.59 -1.36	48.14 1.59 0.00	40.40 1.30 0.00	41.48 1.27 0.00	44.54 1.33 0.00	42.37 1.33 0.00	41.48 1.42 0.00	48.78 1.47 -5.60	87.74 1.85 -35.70	99.58 2.08 -41.10	80.51 2.39 -10.12	45.19 1.15 -11.61	62.70 0.80 -38.50	45.17 1.15 -6.10	48.58 1.29 -0.28
RANKINE____ 23646	44.54 -2.44 0.00	45.87 -2.20 0.00	39.61 -2.17 0.00	35.31 -1.95 0.00	41.01 -1.78 0.00	36.64 -2.00 0.00	39.00 -2.00 0.24	44.56 -3.03 4.39	33.72 -2.63 2.24	40.21 -3.04 3.92	39.98 -2.81 3.75	33.51 -2.35 3.23	34.72 -2.18 3.30	37.56 -2.14 3.52	35.49 -2.17 3.37	36.04 -2.26 1.76	38.54 -2.37 0.81	55.41 -1.72 -6.93	62.72 -1.65 -7.98	68.05 -1.91 -1.97	33.37 -1.33 -2.25	28.62 -0.97 -6.19	36.57 -1.48 -0.12	45.27 -1.75 -0.01
RAVENSWOOD_GT2_1 24244	48.32 1.34 0.00	49.19 1.12 0.00	42.74 0.97 0.00	38.41 1.15 0.00	43.73 0.94 0.00	39.91 1.26 0.00	45.93 1.68 -3.01	55.15 2.41 -0.76	54.57 1.88 -14.10	50.97 2.36 -1.44	48.88 2.33 0.00	41.12 2.03 0.00	42.22 2.02 0.00	45.32 2.10 0.00	43.07 2.04 0.00	42.21 2.14 0.00	49.85 2.22 -5.92	90.64 2.72 -37.72	102.80 2.96 -43.43	82.19 3.50 -10.70	46.38 1.67 -12.27	65.27 1.18 -40.69	46.10 1.73 -6.45	49.21 1.91 -0.29

RAVENSWOOD_GT2_2 24245	48.32 1.34 0.00	49.19 1.12 0.00	42.74 0.97 0.00	38.41 1.15 0.00	43.73 0.94 0.00	39.91 1.26 0.00	45.93 1.68 -3.01	55.15 2.41 -0.76	54.57 1.88 -14.10	50.97 2.36 -1.44	48.88 2.33 0.00	41.12 2.03 0.00	42.22 2.02 0.00	45.32 2.10 0.00	43.07 2.04 0.00	42.21 2.14 0.00	49.85 2.22 -5.92	90.64 2.72 -37.72	102.80 2.96 -43.43	82.19 3.50 -10.70	46.38 1.67 -12.27	65.27 1.18 -40.69	46.10 1.73 -6.45	49.21 1.91 -0.29
RAVENSWOOD_GT2_3 24246	48.35 1.37 0.00	49.22 1.15 0.00	42.76 0.98 0.00	38.42 1.16 0.00	43.75 0.95 0.00	39.91 1.27 0.00	45.95 1.70 -3.01	55.17 2.43 -0.76	54.58 1.89 -14.10	50.99 2.38 -1.44	48.92 2.37 0.00	41.15 2.05 0.00	42.24 2.04 0.00	45.34 2.13 0.00	43.09 2.06 0.00	42.23 2.17 0.00	49.88 2.25 -5.92	90.67 2.75 -37.72	102.84 3.00 -43.43	82.26 3.56 -10.70	46.39 1.69 -12.27	65.28 1.19 -40.69	46.13 1.75 -6.45	49.23 1.92 -0.29
RAVENSWOOD_GT2_4 24247	48.35 1.37 0.00	49.22 1.15 0.00	42.76 0.98 0.00	38.42 1.16 0.00	43.75 0.95 0.00	39.91 1.27 0.00	45.95 1.70 -3.01	55.17 2.43 -0.76	54.58 1.89 -14.10	50.99 2.38 -1.44	48.92 2.37 0.00	41.15 2.05 0.00	42.24 2.04 0.00	45.34 2.13 0.00	43.09 2.06 0.00	42.23 2.17 0.00	49.88 2.25 -5.92	90.67 2.75 -37.72	102.84 3.00 -43.43	82.26 3.56 -10.70	46.39 1.69 -12.27	65.28 1.19 -40.69	46.13 1.75 -6.45	49.23 1.92 -0.29
RAVENSWOOD_GT3_1 24248	48.32 1.34 0.00	49.20 1.13 0.00	42.74 0.97 0.00	38.41 1.15 0.00	43.73 0.94 0.00	39.91 1.27 0.00	45.93 1.68 -3.01	55.15 2.41 -0.76	54.57 1.88 -14.10	50.97 2.36 -1.44	48.88 2.33 0.00	41.12 2.03 0.00	42.23 2.02 0.00	45.32 2.10 0.00	43.07 2.04 0.00	42.21 2.14 0.00	49.85 2.22 -5.92	90.64 2.72 -37.72	102.80 2.96 -43.43	82.19 3.50 -10.70	46.38 1.67 -12.27	65.27 1.18 -40.69	46.10 1.73 -6.45	49.21 1.91 -0.29
RAVENSWOOD_GT3_2 24249	48.32 1.34 0.00	49.20 1.13 0.00	42.74 0.97 0.00	38.41 1.15 0.00	43.73 0.94 0.00	39.91 1.27 0.00	45.93 1.68 -3.01	55.15 2.41 -0.76	54.57 1.88 -14.10	50.97 2.36 -1.44	48.88 2.33 0.00	41.12 2.03 0.00	42.23 2.02 0.00	45.32 2.10 0.00	43.07 2.04 0.00	42.21 2.14 0.00	49.85 2.22 -5.92	90.64 2.72 -37.72	102.80 2.96 -43.43	82.19 3.50 -10.70	46.38 1.67 -12.27	65.27 1.18 -40.69	46.10 1.73 -6.45	49.21 1.91 -0.29
RAVENSWOOD_GT3_3 24250	48.40 1.42 0.00	49.27 1.20 0.00	42.80 1.02 0.00	38.46 1.20 0.00	43.79 0.99 0.00	39.95 1.31 0.00	45.99 1.74 -3.01	55.22 2.48 -0.76	54.63 1.94 -14.10	51.05 2.44 -1.44	48.96 2.42 0.00	41.20 2.11 0.00	42.29 2.09 0.00	45.39 2.17 0.00	43.14 2.11 0.00	42.27 2.21 0.00	49.92 2.29 -5.92	90.73 2.81 -37.72	102.91 3.07 -43.43	82.33 3.64 -10.70	46.43 1.72 -12.27	65.31 1.22 -40.69	46.17 1.79 -6.45	49.27 1.96 -0.29
RAVENSWOOD_GT3_4 24251	48.40 1.42 0.00	49.27 1.20 0.00	42.80 1.02 0.00	38.46 1.20 0.00	43.79 0.99 0.00	39.95 1.31 0.00	45.99 1.74 -3.01	55.22 2.48 -0.76	54.63 1.94 -14.10	51.05 2.44 -1.44	48.96 2.42 0.00	41.20 2.11 0.00	42.29 2.09 0.00	45.39 2.17 0.00	43.14 2.11 0.00	42.27 2.21 0.00	49.92 2.29 -5.92	90.73 2.81 -37.72	102.91 3.07 -43.43	82.33 3.64 -10.70	46.43 1.72 -12.27	65.31 1.22 -40.69	46.17 1.79 -6.45	49.27 1.96 -0.29
RAVENSWOOD_GT_1 23729	50.23 1.50 -1.76	50.72 1.26 -1.40	45.58 1.07 -2.74	42.11 1.26 -3.58	46.27 1.03 -2.45	43.33 1.40 -3.29	48.12 1.84 -5.05	57.24 2.61 -2.65	55.47 2.07 -14.82	52.54 2.62 -2.74	50.94 2.60 -1.80	45.78 2.26 -4.43	46.48 2.25 -4.03	49.03 2.35 -3.47	47.14 2.28 -3.82	47.68 2.37 -5.25	59.92 2.46 -15.74	93.46 2.97 -40.29	104.17 3.26 -44.51	89.30 3.85 -17.45	49.29 1.85 -15.00	67.18 1.30 -42.47	49.50 1.92 -9.66	52.54 2.10 -3.43
RAVENSWOOD_GT_10 24258	48.52 1.34 -0.20	49.35 1.12 -0.16	43.05 0.96 -0.32	38.82 1.15 -0.41	44.01 0.94 -0.28	40.28 1.26 -0.38	46.16 1.67 -3.25	55.35 2.39 -0.97	54.64 1.87 -14.18	51.11 2.35 -1.59	49.08 2.33 -0.20	41.63 2.03 -0.51	42.68 2.02 -0.46	45.70 2.09 -0.40	43.51 2.04 -0.44	42.80 2.13 -0.60	50.98 2.21 -7.05	90.93 2.71 -38.02	102.92 2.96 -43.56	82.97 3.50 -11.48	46.69 1.66 -12.58	65.47 1.18 -40.89	46.47 1.72 -6.82	49.57 1.90 -0.65
RAVENSWOOD_GT_11 24259	48.52 1.34 -0.20	49.35 1.12 -0.16	43.05 0.96 -0.32	38.82 1.15 -0.41	44.01 0.94 -0.28	40.28 1.26 -0.38	46.16 1.67 -3.25	55.35 2.39 -0.97	54.64 1.87 -14.18	51.11 2.35 -1.59	49.08 2.33 -0.20	41.63 2.03 -0.51	42.68 2.02 -0.46	45.70 2.09 -0.40	43.51 2.04 -0.44	42.80 2.13 -0.60	50.98 2.21 -7.05	90.93 2.71 -38.02	102.92 2.96 -43.56	82.97 3.50 -11.48	46.69 1.66 -12.58	65.47 1.18 -40.89	46.47 1.72 -6.82	49.57 1.90 -0.65
RAVENSWOOD_GT_4 24252	49.65 1.33 -1.34	50.24 1.11 -1.07	44.81 0.95 -2.08	41.12 1.14 -2.73	45.59 0.93 -1.86	42.38 1.24 -2.51	47.45 1.65 -4.56	56.55 2.37 -2.20	55.08 1.85 -14.65	51.92 2.32 -2.42	50.21 2.29 -1.37	44.44 1.99 -3.36	45.23 1.98 -3.05	47.90 2.06 -2.63	45.93 2.00 -2.90	46.16 2.10 -3.99	57.28 2.18 -13.39	92.55 2.68 -39.67	103.56 2.91 -44.25	87.30 3.47 -15.84	48.42 1.64 -14.34	66.60 1.16 -42.04	48.52 1.70 -8.89	51.57 1.88 -2.68
RAVENSWOOD_GT_5 24254	49.65 1.33 -1.34	50.24 1.11 -1.07	44.81 0.95 -2.08	41.12 1.14 -2.73	45.59 0.93 -1.86	42.38 1.24 -2.51	47.45 1.65 -4.56	56.55 2.37 -2.20	55.08 1.85 -14.65	51.92 2.32 -2.42	50.21 2.29 -1.37	44.44 1.99 -3.36	45.23 1.98 -3.05	47.90 2.06 -2.63	45.93 2.00 -2.90	46.16 2.10 -3.99	57.28 2.18 -13.39	92.55 2.68 -39.67	103.56 2.91 -44.25	87.30 3.47 -15.84	48.42 1.64 -14.34	66.60 1.16 -42.04	48.52 1.70 -8.89	51.57 1.88 -2.68
RAVENSWOOD_GT_6 24253	49.65 1.33 -1.34	50.24 1.11 -1.07	44.81 0.95 -2.08	41.12 1.14 -2.73	45.59 0.93 -1.86	42.38 1.24 -2.51	47.45 1.65 -4.56	56.55 2.37 -2.20	55.08 1.85 -14.65	51.92 2.32 -2.42	50.21 2.29 -1.37	44.44 1.99 -3.36	45.23 1.98 -3.05	47.90 2.06 -2.63	45.93 2.00 -2.90	46.16 2.10 -3.99	57.28 2.18 -13.39	92.55 2.68 -39.67	103.56 2.91 -44.25	87.30 3.47 -15.84	48.42 1.64 -14.34	66.60 1.16 -42.04	48.52 1.70 -8.89	51.57 1.88 -2.68
RAVENSWOOD_GT_7 24255	49.65 1.33 -1.34	50.24 1.11 -1.07	44.81 0.95 -2.08	41.12 1.14 -2.73	45.59 0.93 -1.86	42.38 1.24 -2.51	47.45 1.65 -4.56	56.55 2.37 -2.20	55.08 1.85 -14.65	51.92 2.32 -2.42	50.21 2.29 -1.37	44.44 1.99 -3.36	45.23 1.98 -3.05	47.90 2.06 -2.63	45.93 2.00 -2.90	46.16 2.10 -3.99	57.28 2.18 -13.39	92.55 2.68 -39.67	103.56 2.91 -44.25	87.30 3.47 -15.84	48.42 1.64 -14.34	66.60 1.16 -42.04	48.52 1.70 -8.89	51.57 1.88 -2.68
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	48.52 1.34 -0.20	49.35 1.12 -0.16	43.05 0.96 -0.32	38.82 1.15 -0.41	44.01 0.94 -0.28	40.28 1.26 -0.38	46.16 1.67 -3.25	55.35 2.39 -0.97	54.64 1.87 -14.18	51.11 2.35 -1.59	49.08 2.33 -0.20	41.63 2.03 -0.51	42.68 2.02 -0.46	45.70 2.09 -0.40	43.51 2.04 -0.44	42.80 2.13 -0.60	50.98 2.21 -7.05	90.93 2.71 -38.02	102.92 2.96 -43.56	82.97 3.50 -11.48	46.69 1.66 -12.58	65.47 1.18 -40.89	46.47 1.72 -6.82	49.57 1.90 -0.65

RAVENSWOOD_GT_9 24257	48.52 1.34 -0.20	49.35 1.12 -0.16	43.05 0.96 -0.32	38.82 1.15 -0.41	44.01 0.94 -0.28	40.28 1.26 -0.38	46.16 1.67 -3.25	55.35 2.39 -0.97	54.64 1.87 -14.18	51.11 2.35 -1.59	49.08 2.33 -0.20	41.63 2.03 -0.51	42.68 2.02 -0.46	45.70 2.09 -0.40	43.51 2.04 -0.44	42.80 2.13 -0.60	50.98 2.21 -7.05	90.93 2.71 -38.02	102.92 2.96 -43.56	82.97 3.50 -11.48	46.69 1.66 -12.58	65.47 1.18 -40.89	46.47 1.72 -6.82	49.57 1.90 -0.65
RAVENSWOOD___1 23533	46.70 1.46 1.73	47.92 1.23 1.38	40.13 1.05 2.69	34.97 1.24 3.53	41.38 1.00 2.41	36.76 1.37 3.24	44.06 1.81 -1.01	53.41 2.54 1.11	54.01 2.03 -13.39	49.89 2.55 -0.16	47.31 2.53 1.77	36.97 2.21 4.34	38.45 2.19 3.95	42.10 2.29 3.40	39.51 2.22 3.75	37.23 2.32 5.16	40.38 2.42 3.75	88.32 2.92 -35.20	101.98 3.20 -42.38	75.82 3.78 -4.05	43.84 1.81 -9.58	63.61 1.27 -38.93	43.09 1.88 -3.29	46.27 2.05 2.80
RAVENSWOOD___2 23534	46.70 1.46 1.73	47.92 1.23 1.38	40.13 1.05 2.69	34.97 1.24 3.53	41.38 1.00 2.41	36.76 1.37 3.24	44.06 1.81 -1.01	53.41 2.54 1.11	54.01 2.03 -13.39	49.89 2.55 -0.16	47.31 2.53 1.77	36.97 2.21 4.34	38.45 2.19 3.95	42.10 2.29 3.40	39.51 2.22 3.75	37.23 2.32 5.16	40.38 2.42 3.75	88.32 2.92 -35.20	101.98 3.20 -42.38	75.82 3.78 -4.05	43.84 1.81 -9.58	63.61 1.27 -38.93	43.09 1.88 -3.29	46.27 2.05 2.80
RAVENSWOOD___3 23535	48.32 1.34 0.00	49.20 1.13 0.00	42.75 0.97 0.00	38.41 1.15 0.00	43.73 0.94 0.00	39.91 1.27 0.00	45.93 1.68 -3.01	55.14 2.40 -0.76	54.57 1.88 -14.10	50.97 2.35 -1.44	48.87 2.32 0.00	41.12 2.03 0.00	42.20 2.00 0.00	45.30 2.09 0.00	43.06 2.03 0.00	42.20 2.14 0.00	49.87 2.23 -5.92	90.64 2.72 -37.72	102.80 2.96 -43.43	82.21 3.52 -10.70	46.38 1.67 -12.27	65.27 1.18 -40.69	46.11 1.73 -6.45	49.22 1.92 -0.29
RAVENSWOOD___4 23820	46.70 1.46 1.73	47.92 1.23 1.38	40.13 1.05 2.69	34.97 1.24 3.53	41.38 1.00 2.41	36.76 1.37 3.24	44.06 1.81 -1.01	53.41 2.54 1.11	54.01 2.03 -13.39	49.89 2.55 -0.16	47.31 2.53 1.77	36.97 2.21 4.34	38.45 2.19 3.95	42.10 2.29 3.40	39.51 2.22 3.75	37.23 2.32 5.16	40.38 2.42 3.75	88.32 2.92 -35.20	101.98 3.20 -42.38	75.82 3.78 -4.05	43.84 1.81 -9.58	63.61 1.27 -38.93	43.09 1.88 -3.29	46.27 2.05 2.80
RCPL_TRUST___DRP 24196	48.26 1.29 0.00	49.14 1.08 0.00	42.69 0.91 0.00	38.36 1.10 0.00	43.69 0.89 0.00	39.85 1.21 0.00	45.88 1.63 -3.01	55.08 2.35 -0.76	54.53 1.84 -14.10	50.92 2.31 -1.44	48.83 2.28 0.00	41.08 1.99 0.00	42.17 1.97 0.00	45.26 2.04 0.00	43.01 1.98 0.00	42.16 2.09 0.00	49.80 2.16 -5.91	90.58 2.66 -37.72	102.73 2.90 -43.43	82.14 3.44 -10.70	46.33 1.62 -12.27	65.22 1.14 -40.68	46.03 1.65 -6.45	49.10 1.80 -0.29
RED___ROCHESTER 323720	45.10 -1.88 0.00	46.31 -1.76 0.00	40.06 -1.71 0.00	35.74 -1.52 0.00	41.33 -1.47 0.00	37.10 -1.54 0.00	39.78 -1.46 0.00	49.97 -2.01 0.00	38.91 -1.71 -2.03	45.40 -1.98 -0.21	44.71 -1.83 0.00	37.58 -1.52 0.00	38.75 -1.45 0.00	41.77 -1.45 0.00	39.58 -1.45 0.00	38.53 -1.54 0.00	40.94 -1.63 -0.85	54.36 -1.27 -5.43	61.43 -1.22 -6.25	68.07 -1.47 -1.54	33.27 -0.94 -1.77	28.59 -0.67 -5.86	37.80 -1.06 -0.93	45.62 -1.43 -0.04
REGAN___SOLAR 323812	49.71 2.73 0.00	50.80 2.74 0.00	44.13 2.35 0.00	39.24 1.98 0.00	45.25 2.46 0.00	40.95 2.31 0.00	75.69 2.70 -31.76	63.48 3.54 -7.95	60.07 2.54 -18.94	52.24 3.13 -1.93	49.41 2.86 0.00	41.19 2.09 0.00	42.21 2.01 0.00	45.70 2.49 0.00	43.42 2.39 0.00	42.45 2.39 0.00	52.30 2.64 -7.95	104.43 3.56 -50.67	118.75 4.01 -58.34	87.07 4.70 -14.37	51.05 2.14 -16.48	79.60 1.55 -54.65	48.97 2.39 -8.65	50.15 2.75 -0.39
RENSSELAER___COGEN 23796	48.51 1.53 0.00	49.60 1.53 0.00	43.15 1.37 0.00	38.53 1.27 0.00	44.18 1.39 0.00	39.99 1.35 0.00	56.94 1.55 -14.16	57.50 1.97 -3.55	57.06 1.43 -17.04	50.63 1.72 -1.73	48.18 1.64 0.00	40.37 1.28 0.00	41.51 1.31 0.00	44.60 1.38 0.00	42.37 1.34 0.00	41.47 1.41 0.00	50.40 1.54 -7.15	97.59 1.82 -45.57	110.94 2.07 -52.47	83.31 2.39 -12.92	48.36 1.10 -14.82	73.35 0.79 -49.15	46.99 1.28 -7.78	48.89 1.52 -0.35
REPUBLIC_115KV_BARTNBRK 55605	54.31 7.33 0.00	55.26 7.19 0.00	47.72 5.94 0.00	42.66 5.40 0.00	49.45 6.66 0.00	44.76 6.12 0.00	78.62 6.96 -30.43	68.37 8.77 -7.62	62.60 6.45 -17.56	56.74 7.77 -1.79	53.86 7.31 0.00	45.15 6.05 0.00	46.14 5.94 0.00	49.63 6.42 0.00	47.30 6.26 0.00	46.43 6.36 0.00	56.19 7.11 -7.37	105.66 8.49 -46.97	119.77 9.28 -54.08	92.45 11.14 -13.32	52.83 5.12 -15.28	77.54 3.47 -50.66	51.43 5.48 -8.02	54.76 7.38 -0.36
REVERE_CPPR_DRP 24186	48.48 1.50 0.00	49.44 1.37 0.00	42.98 1.21 0.00	38.38 1.12 0.00	44.31 1.51 0.00	40.17 1.53 0.00	43.22 1.99 0.00	54.64 2.66 0.00	41.18 1.70 -0.89	49.14 1.88 -0.09	48.48 1.93 0.00	40.68 1.59 0.00	41.83 1.63 0.00	44.89 1.67 0.00	42.61 1.57 0.00	41.69 1.62 0.00	44.02 1.93 -0.37	55.07 2.49 -2.38	61.84 2.70 -2.75	71.64 2.97 -0.67	34.48 1.27 -0.78	26.86 0.88 -2.57	39.75 1.42 -0.41	48.63 1.60 -0.02
REYNOLDS_115KV_TB3 80639	48.60 1.62 0.00	49.68 1.62 0.00	43.22 1.45 0.00	38.58 1.32 0.00	44.25 1.45 0.00	40.06 1.42 0.00	63.48 1.59 -20.65	59.12 1.97 -5.17	57.16 1.42 -17.16	50.62 1.69 -1.75	48.13 1.59 0.00	40.36 1.27 0.00	41.46 1.26 0.00	44.51 1.29 0.00	42.31 1.28 0.00	41.41 1.35 0.00	50.39 1.47 -7.20	97.76 1.66 -45.90	111.17 1.92 -52.84	83.21 2.20 -13.02	48.38 1.02 -14.93	73.63 0.72 -49.50	47.00 1.23 -7.84	48.84 1.47 -0.36
RIVERBAY____ 323610	49.16 2.18 0.00	50.11 2.04 0.00	43.54 1.77 0.00	39.14 1.88 0.00	44.54 1.74 0.00	40.73 2.09 0.00	46.92 2.67 -3.01	56.27 3.53 -0.76	55.39 2.70 -14.10	51.96 3.35 -1.44	49.80 3.25 0.00	41.82 2.71 -0.01	42.93 2.72 -0.01	46.15 2.93 -0.01	43.84 2.80 -0.01	42.88 2.81 -0.01	50.63 3.00 -5.92	91.61 3.69 -37.73	103.95 4.12 -43.44	83.66 4.97 -10.70	47.04 2.33 -12.27	65.69 1.60 -40.69	46.81 2.44 -6.45	50.00 2.70 -0.29
RIVERSDE_115KV_TB3 55908	48.65 1.67 0.00	49.72 1.65 0.00	43.25 1.47 0.00	38.61 1.35 0.00	44.28 1.49 0.00	40.10 1.46 0.00	62.97 1.65 -20.09	59.09 2.08 -5.03	57.28 1.51 -17.18	50.74 1.81 -1.75	48.27 1.72 0.00	40.48 1.38 0.00	41.59 1.38 0.00	44.65 1.43 0.00	42.44 1.41 0.00	41.53 1.47 0.00	50.52 1.59 -7.21	98.01 1.85 -45.96	111.45 2.12 -52.92	83.47 2.44 -13.03	48.51 1.13 -14.95	73.78 0.80 -49.57	47.10 1.33 -7.85	48.95 1.58 -0.36
ROARING___BROOK_WT_PWR 323790	46.53 -0.45 0.00	47.62 -0.45 0.00	41.41 -0.36 0.00	36.77 -0.49 0.00	42.32 -0.47 0.00	38.11 -0.53 0.00	40.38 -0.86 0.00	50.82 -1.17 0.00	37.80 -0.79 0.00	46.29 -0.89 0.00	45.91 -0.63 0.00	38.64 -0.45 0.00	39.55 -0.65 0.00	5.12 -1.12 36.97	-39.00 -0.97 79.06	7.14 -0.89 32.04	40.88 -0.84 0.00	49.17 -1.03 0.00	55.08 -1.33 0.00	66.19 -1.80 0.00	31.63 -0.81 0.00	22.98 -0.42 0.00	37.26 -0.67 0.00	46.17 -0.85 0.00

ROCHESRG_115KV_T4 355643	44.63 -2.35 0.00	45.84 -2.23 0.00	39.67 -2.10 0.00	35.38 -1.88 0.00	40.92 -1.87 0.00	36.71 -1.92 0.00	39.25 -1.92 0.07	48.10 -2.63 1.26	37.01 -2.21 -0.63	43.59 -2.60 0.99	43.03 -2.44 1.07	36.12 -2.05 0.92	37.28 -1.98 0.94	40.20 -2.01 1.01	38.09 -1.98 0.96	37.53 -2.02 0.51	39.88 -2.13 -0.29	53.69 -1.91 -5.40	60.67 -1.95 -6.21	67.18 -2.34 -1.53	32.85 -1.34 -1.76	27.90 -0.95 -5.44	37.05 -1.49 -0.61	45.14 -1.90 -0.03
ROCHESTER_9_IC 23652	44.87 -2.11 0.00	46.08 -1.99 0.00	39.88 -1.90 0.00	35.57 -1.69 0.00	41.14 -1.66 0.00	36.91 -1.72 0.00	39.56 -1.68 0.00	49.65 -2.34 0.00	38.65 -1.97 -2.03	45.10 -2.29 -0.21	44.40 -2.15 0.00	37.29 -1.81 0.00	38.49 -1.72 0.00	41.48 -1.73 0.00	39.30 -1.73 0.00	38.29 -1.77 0.00	40.69 -1.88 -0.85	54.05 -1.58 -5.43	61.08 -1.57 -6.25	67.65 -1.88 -1.54	33.07 -1.14 -1.77	28.45 -0.81 -5.86	37.57 -1.29 -0.93	45.40 -1.66 -0.04
ROCKVIEW_13_KV_LD 356306	48.44 1.46 0.00	49.34 1.27 0.00	42.87 1.09 0.00	38.46 1.21 0.00	43.87 1.08 0.00	39.97 1.33 0.00	45.99 1.75 -3.01	55.21 2.47 -0.76	54.57 1.88 -14.10	50.94 2.33 -1.44	48.85 2.30 0.00	41.07 1.98 0.00	42.15 1.95 0.00	45.27 2.06 0.00	43.02 1.98 0.00	42.14 2.07 0.00	49.82 2.19 -5.92	90.64 2.71 -37.72	102.83 2.99 -43.44	82.22 3.53 -10.70	46.38 1.67 -12.27	65.25 1.16 -40.69	46.08 1.70 -6.45	49.23 1.92 -0.29
ROME____115KV_TB2 80656	48.48 1.50 0.00	49.44 1.37 0.00	42.98 1.21 0.00	38.38 1.12 0.00	44.31 1.51 0.00	40.17 1.53 0.00	43.22 1.99 0.00	54.64 2.66 0.00	41.18 1.70 -0.89	49.14 1.88 -0.09	48.48 1.93 0.00	40.68 1.59 0.00	41.83 1.63 0.00	44.89 1.67 0.00	42.61 1.57 0.00	41.69 1.62 0.00	44.02 1.93 -0.37	55.07 2.49 -2.38	61.84 2.70 -2.75	71.64 2.97 -0.67	34.48 1.27 -0.78	26.86 0.88 -2.57	39.75 1.42 -0.41	48.63 1.60 -0.02
ROSETON___1 23587	48.03 1.05 0.00	48.96 0.89 0.00	42.56 0.79 0.00	38.12 0.86 0.00	43.56 0.76 0.00	39.60 0.96 0.00	45.42 1.29 -2.90	54.53 1.82 -0.73	53.95 1.37 -13.99	50.30 1.70 -1.42	48.21 1.67 0.00	40.49 1.40 0.00	41.57 1.37 0.00	44.64 1.42 0.00	42.42 1.39 0.00	41.55 1.48 0.00	49.16 1.57 -5.87	89.58 1.95 -37.43	101.63 2.14 -43.10	81.12 2.51 -10.62	45.80 1.19 -12.17	64.62 0.84 -40.37	45.57 1.24 -6.40	48.72 1.42 -0.29
ROSETON___2 23588	48.03 1.05 0.00	48.96 0.89 0.00	42.56 0.79 0.00	38.12 0.86 0.00	43.56 0.76 0.00	39.60 0.96 0.00	45.42 1.29 -2.90	54.53 1.82 -0.73	53.95 1.37 -13.99	50.30 1.70 -1.42	48.21 1.67 0.00	40.49 1.40 0.00	41.57 1.37 0.00	44.64 1.42 0.00	42.42 1.39 0.00	41.55 1.48 0.00	49.16 1.57 -5.87	89.58 1.95 -37.43	101.63 2.14 -43.10	81.12 2.51 -10.62	45.80 1.19 -12.17	64.62 0.84 -40.37	45.57 1.24 -6.40	48.72 1.42 -0.29
ROTRRDAM_115KV_TB3 80664	48.15 1.17 0.00	49.23 1.16 0.00	42.81 1.04 0.00	38.21 0.95 0.00	43.84 1.04 0.00	39.65 1.01 0.00	77.27 1.21 -34.83	62.27 1.57 -8.72	57.59 1.12 -17.88	50.37 1.37 -1.82	47.86 1.31 0.00	40.15 1.06 0.00	41.22 1.02 0.00	44.30 1.09 0.00	42.10 1.07 0.00	41.17 1.11 0.00	50.43 1.21 -7.50	99.53 1.51 -47.82	113.15 1.68 -55.06	83.51 1.96 -13.56	48.90 0.91 -15.55	75.63 0.65 -51.58	47.13 1.04 -8.17	48.61 1.22 -0.37
RUSSELL___1 23602	45.10 -1.88 0.00	46.31 -1.76 0.00	40.06 -1.71 0.00	35.74 -1.53 0.00	41.33 -1.46 0.00	37.10 -1.54 0.00	39.77 -1.46 0.00	49.93 -2.05 0.00	38.87 -1.75 -2.03	45.36 -2.03 -0.21	44.68 -1.87 0.00	37.52 -1.58 0.00	38.71 -1.49 0.00	41.73 -1.48 0.00	39.54 -1.49 0.00	38.51 -1.56 0.00	40.92 -1.65 -0.85	54.36 -1.27 -5.43	61.43 -1.22 -6.25	68.07 -1.47 -1.54	33.26 -0.95 -1.77	28.58 -0.68 -5.86	37.77 -1.09 -0.93	45.63 -1.43 -0.04
RUSSELL___2 23532	45.10 -1.88 0.00	46.31 -1.76 0.00	40.06 -1.71 0.00	35.74 -1.53 0.00	41.33 -1.46 0.00	37.10 -1.54 0.00	39.77 -1.46 0.00	49.93 -2.05 0.00	38.87 -1.75 -2.03	45.36 -2.03 -0.21	44.68 -1.87 0.00	37.52 -1.58 0.00	38.71 -1.49 0.00	41.73 -1.48 0.00	39.54 -1.49 0.00	38.51 -1.56 0.00	40.92 -1.65 -0.85	54.36 -1.27 -5.43	61.43 -1.22 -6.25	68.07 -1.47 -1.54	33.26 -0.95 -1.77	28.58 -0.68 -5.86	37.77 -1.09 -0.93	45.63 -1.43 -0.04
RUSSELL___3 23549	45.10 -1.88 0.00	46.31 -1.76 0.00	40.06 -1.71 0.00	35.74 -1.53 0.00	41.33 -1.46 0.00	37.10 -1.54 0.00	39.77 -1.46 0.00	49.93 -2.05 0.00	38.87 -1.75 -2.03	45.36 -2.03 -0.21	44.68 -1.87 0.00	37.52 -1.58 0.00	38.71 -1.49 0.00	41.73 -1.48 0.00	39.54 -1.49 0.00	38.51 -1.56 0.00	40.92 -1.65 -0.85	54.36 -1.27 -5.43	61.43 -1.22 -6.25	68.07 -1.47 -1.54	33.26 -0.95 -1.77	28.58 -0.68 -5.86	37.77 -1.09 -0.93	45.63 -1.43 -0.04
RUSSELL___4 23556	45.10 -1.88 0.00	46.31 -1.76 0.00	40.06 -1.71 0.00	35.74 -1.53 0.00	41.33 -1.46 0.00	37.10 -1.54 0.00	39.77 -1.46 0.00	49.93 -2.05 0.00	38.87 -1.75 -2.03	45.36 -2.03 -0.21	44.68 -1.87 0.00	37.52 -1.58 0.00	38.71 -1.49 0.00	41.73 -1.48 0.00	39.54 -1.49 0.00	38.51 -1.56 0.00	40.92 -1.65 -0.85	54.36 -1.27 -5.43	61.43 -1.22 -6.25	68.07 -1.47 -1.54	33.26 -0.95 -1.77	28.58 -0.68 -5.86	37.77 -1.09 -0.93	45.63 -1.43 -0.04
RUSSELL___STATION 23914	45.10 -1.88 0.00	46.31 -1.76 0.00	40.06 -1.71 0.00	35.74 -1.53 0.00	41.33 -1.46 0.00	37.10 -1.54 0.00	39.77 -1.46 0.00	49.93 -2.05 0.00	38.87 -1.75 -2.03	45.36 -2.03 -0.21	44.68 -1.87 0.00	37.52 -1.58 0.00	38.71 -1.49 0.00	41.73 -1.48 0.00	39.54 -1.49 0.00	38.51 -1.56 0.00	40.92 -1.65 -0.85	54.36 -1.27 -5.43	61.43 -1.22 -6.25	68.07 -1.47 -1.54	33.26 -0.95 -1.77	28.58 -0.68 -5.86	37.77 -1.09 -0.93	45.63 -1.43 -0.04
S SALMON___HYD 24043	46.49 -0.49 0.00	47.39 -0.69 0.00	41.26 -0.51 0.00	36.89 -0.37 0.00	42.71 -0.08 0.00	38.61 -0.02 0.00	41.48 0.24 0.00	52.47 0.48 0.00	39.82 -0.12 -1.35	46.68 -0.64 -0.14	46.07 -0.48 0.00	38.62 -0.47 0.00	39.76 -0.44 0.00	42.79 -0.43 0.00	40.49 -0.54 0.00	39.58 -0.48 0.00	41.99 -0.29 -0.57	53.72 -0.10 -3.62	60.55 -0.03 -4.17	68.81 -0.22 -1.03	33.41 -0.20 -1.18	27.16 -0.15 -3.91	38.37 -0.18 -0.62	46.69 -0.35 -0.03
S.PERRY__115KV_TB1 80734	44.99 -1.99 0.00	46.27 -1.80 0.00	40.05 -1.73 0.00	35.82 -1.44 0.00	41.63 -1.17 0.00	37.39 -1.24 0.00	42.25 -1.07 -2.08	75.53 -1.40 -24.94	67.27 -1.32 -29.99	69.45 -1.63 -23.90	66.09 -1.63 -21.17	55.65 -1.64 -18.19	57.10 -1.72 -18.61	61.16 -1.91 -19.86	58.22 -1.79 -18.97	48.51 -1.58 -10.03	51.92 -1.86 -12.06	56.43 -1.06 -7.29	64.65 -0.15 -8.40	70.12 0.06 -2.07	34.54 -0.26 -2.37	38.43 -0.26 -15.28	44.73 -0.54 -7.35	46.30 -1.02 -0.30
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	43.91 -3.07 0.00	45.24 -2.83 0.00	39.05 -2.72 0.00	34.81 -2.45 0.00	40.41 -2.39 0.00	36.06 -2.57 0.00	38.33 -2.62 0.28	42.96 -3.83 5.19	32.13 -3.24 3.21	38.68 -3.80 4.70	38.53 -3.58 4.44	32.32 -2.96 3.81	33.49 -2.81 3.90	36.22 -2.83 4.16	34.25 -2.81 3.98	35.09 -2.88 2.09	37.49 -3.03 1.19	54.28 -2.60 -6.68	61.41 -2.68 -7.70	66.75 -3.14 -1.90	32.75 -1.86 -2.18	27.77 -1.33 -5.69	35.76 -2.06 0.11	44.53 -2.48 0.00

SAWYER___23_KV_LOAD 55526	43.91 -3.07 0.00	45.24 -2.83 0.00	39.05 -2.72 0.00	34.81 -2.45 0.00	40.41 -2.39 0.00	36.06 -2.57 0.00	38.33 -2.62 0.28	42.96 -3.83 5.19	32.13 -3.24 3.21	38.68 -3.80 4.70	38.53 -3.58 4.44	32.32 -2.96 3.81	33.49 -2.81 3.90	36.22 -2.83 4.16	34.25 -2.81 3.98	35.09 -2.88 2.09	37.49 -3.03 1.19	54.28 -2.60 -6.68	61.41 -2.68 -7.70	66.75 -3.14 -1.90	32.75 -1.86 -2.18	27.77 -1.33 -5.69	35.76 -2.06 0.11	44.53 -2.48 0.00
SELKIRK___I 23801	48.44 1.47 0.00	49.56 1.49 0.00	43.14 1.36 0.00	38.52 1.26 0.00	44.17 1.38 0.00	39.96 1.32 0.00	53.22 1.48 -10.51	56.48 1.86 -2.63	56.73 1.32 -16.83	50.45 1.56 -1.71	47.99 1.44 0.00	40.23 1.13 0.00	41.37 1.17 0.00	44.47 1.25 0.00	42.28 1.25 0.00	41.36 1.30 0.00	50.20 1.42 -7.06	96.92 1.72 -45.00	110.19 1.97 -51.81	83.00 2.25 -12.76	48.12 1.04 -14.64	72.72 0.78 -48.54	46.88 1.27 -7.68	48.89 1.52 -0.35
SELKIRK___II 23799	48.24 1.26 0.00	49.33 1.25 0.00	42.91 1.14 0.00	38.31 1.05 0.00	43.93 1.14 0.00	39.75 1.12 0.00	53.79 1.30 -11.26	56.47 1.67 -2.82	56.77 1.20 -16.98	50.35 1.44 -1.73	47.92 1.37 0.00	40.17 1.08 0.00	41.30 1.10 0.00	44.37 1.16 0.00	42.16 1.13 0.00	41.26 1.19 0.00	50.14 1.30 -7.12	97.19 1.57 -45.43	110.47 1.77 -52.31	82.91 2.03 -12.88	48.15 0.94 -14.77	73.08 0.68 -49.00	46.78 1.10 -7.76	48.67 1.31 -0.35
SENECA OSWGO___HYD 24041	46.24 -0.74 0.00	47.26 -0.81 0.00	41.12 -0.66 0.00	36.72 -0.54 0.00	42.39 -0.41 0.00	38.28 -0.36 0.00	40.91 -0.33 0.00	51.62 -0.37 0.00	39.64 -0.46 -1.51	46.63 -0.70 -0.15	45.91 -0.63 0.00	38.58 -0.51 0.00	39.72 -0.48 0.00	42.70 -0.51 0.00	40.50 -0.54 0.00	39.60 -0.46 0.00	41.96 -0.39 -0.63	54.01 -0.22 -4.04	60.90 -0.14 -4.65	68.92 -0.22 -1.15	33.53 -0.22 -1.31	27.61 -0.15 -4.36	38.40 -0.22 -0.69	46.68 -0.36 -0.03
SENECA___115KV_TB3 355854	44.61 -2.37 0.00	45.94 -2.13 0.00	39.67 -2.10 0.00	35.37 -1.89 0.00	41.07 -1.73 0.00	36.70 -1.94 0.00	39.07 -1.92 0.24	44.65 -2.94 4.39	33.80 -2.55 2.24	40.30 -2.95 3.92	40.06 -2.73 3.75	33.59 -2.28 3.23	34.79 -2.11 3.30	37.63 -2.06 3.52	35.58 -2.09 3.37	36.12 -2.18 1.76	38.61 -2.30 0.81	55.50 -1.63 -6.93	62.82 -1.55 -7.98	68.18 -1.78 -1.97	33.42 -1.27 -2.25	28.66 -0.93 -6.19	36.62 -1.43 -0.12	45.35 -1.68 -0.01
SENECA___ENERGY 23797	45.36 -1.62 0.00	46.50 -1.57 0.00	40.37 -1.41 0.00	36.03 -1.23 0.00	41.56 -1.24 0.00	37.52 -1.12 0.00	40.28 -1.04 -0.09	52.24 -1.38 -1.64	41.33 -1.16 -3.91	47.55 -1.40 -1.78	46.66 -1.29 -1.40	39.21 -1.09 -1.20	40.32 -1.12 -1.23	43.39 -1.14 -1.31	41.12 -1.17 -1.25	39.60 -1.13 -0.66	42.12 -1.19 -1.60	54.85 -0.97 -5.63	62.04 -0.84 -6.48	68.61 -0.98 -1.60	33.65 -0.62 -1.83	29.49 -0.47 -6.56	38.50 -0.79 -1.36	46.00 -1.07 -0.06
SHOEMAKER___GT 23640	47.89 0.92 0.00	48.85 0.78 0.00	42.47 0.69 0.00	38.00 0.74 0.00	43.47 0.68 0.00	39.50 0.86 0.00	45.07 1.15 -2.68	54.29 1.63 -0.67	52.53 1.22 -12.72	49.94 1.47 -1.30	47.97 1.42 0.00	40.27 1.18 0.00	41.38 1.18 0.00	44.47 1.25 0.00	42.28 1.25 0.00	41.42 1.35 0.00	48.48 1.42 -5.34	86.01 1.75 -34.05	97.57 1.96 -39.21	79.94 2.29 -9.66	44.61 1.10 -11.07	60.89 0.76 -36.73	44.86 1.12 -5.82	48.52 1.25 -0.26
SHOEMAKR_138KV_BK 111 55601	47.86 0.88 0.00	48.81 0.74 0.00	42.43 0.66 0.00	37.96 0.70 0.00	43.43 0.64 0.00	39.46 0.83 0.00	45.03 1.12 -2.67	54.24 1.59 -0.67	52.40 1.18 -12.63	49.91 1.44 -1.29	47.95 1.40 0.00	40.26 1.17 0.00	41.36 1.16 0.00	44.44 1.22 0.00	42.25 1.22 0.00	41.38 1.32 0.00	48.40 1.38 -5.30	85.75 1.72 -33.83	97.27 1.92 -38.95	79.82 2.23 -9.59	44.51 1.07 -11.00	60.64 0.74 -36.49	44.79 1.08 -5.78	48.48 1.21 -0.26
SHOREHAM_IC_1 23715	49.11 2.13 0.00	50.16 2.09 0.00	43.49 1.71 0.00	38.98 1.72 0.00	44.47 1.67 0.00	40.56 1.92 0.00	46.60 2.35 -3.01	56.09 3.35 -0.75	55.25 2.56 -14.10	50.50 1.89 -1.44	47.92 1.38 0.00	40.50 1.40 0.00	41.42 1.22 0.00	44.84 1.62 0.00	42.41 1.38 0.00	41.38 1.31 0.00	49.31 1.68 -5.91	90.65 2.74 -37.72	102.32 2.50 -43.42	81.40 2.71 -10.70	46.04 1.34 -12.27	64.95 0.87 -40.68	45.46 1.08 -6.45	49.67 2.37 -0.29
SHOREHAM_IC_2 23716	49.11 2.13 0.00	50.16 2.09 0.00	43.49 1.71 0.00	38.98 1.72 0.00	44.47 1.67 0.00	40.56 1.92 0.00	46.60 2.35 -3.01	56.09 3.35 -0.75	55.25 2.56 -14.10	50.50 1.89 -1.44	47.92 1.38 0.00	40.50 1.40 0.00	41.42 1.22 0.00	44.84 1.62 0.00	42.41 1.38 0.00	41.38 1.31 0.00	49.31 1.68 -5.91	90.65 2.74 -37.72	102.32 2.50 -43.42	81.40 2.71 -10.70	46.04 1.34 -12.27	64.95 0.87 -40.68	45.46 1.08 -6.45	49.67 2.37 -0.29
SISSONVILLE____ 23735	53.02 6.04 0.00	54.00 5.93 0.00	46.82 5.05 0.00	41.71 4.45 0.00	48.35 5.56 0.00	43.52 4.88 0.00	47.06 5.82 0.00	59.28 7.30 0.00	43.82 4.67 -0.56	52.12 4.89 -0.06	52.17 5.63 0.00	43.50 4.41 0.00	44.72 4.53 0.00	48.77 5.56 0.00	45.44 4.41 0.00	43.05 2.99 0.00	44.80 2.85 -0.23	55.60 3.04 -2.36	63.53 3.58 -3.56	73.17 3.84 -1.34	35.22 1.72 -1.06	26.63 1.61 -1.61	41.82 3.63 -0.25	50.97 3.94 -0.01
SITHE_IND_GS1 24169	45.06 -1.92 0.00	46.12 -1.95 0.00	40.08 -1.69 0.00	35.76 -1.50 0.00	41.15 -1.64 0.00	37.08 -1.56 0.00	39.51 -1.72 0.00	49.76 -2.22 0.00	38.01 -1.73 -1.15	45.18 -2.12 -0.12	44.49 -2.06 0.00	37.37 -1.73 0.00	38.45 -1.75 0.00	41.34 -1.87 0.00	39.24 -1.80 0.00	38.33 -1.74 0.00	40.41 -1.79 -0.48	51.27 -2.00 -3.08	57.74 -2.20 -3.54	66.21 -2.65 -0.87	32.12 -1.32 -1.00	25.88 -0.85 -3.32	37.22 -1.24 -0.52	45.48 -1.55 -0.02
SITHE_IND_GS2 24170	45.06 -1.92 0.00	46.12 -1.95 0.00	40.08 -1.69 0.00	35.76 -1.50 0.00	41.15 -1.64 0.00	37.08 -1.56 0.00	39.51 -1.72 0.00	49.76 -2.22 0.00	38.01 -1.73 -1.15	45.18 -2.12 -0.12	44.49 -2.06 0.00	37.37 -1.73 0.00	38.45 -1.75 0.00	41.34 -1.87 0.00	39.24 -1.80 0.00	38.33 -1.74 0.00	40.41 -1.79 -0.48	51.27 -2.00 -3.08	57.74 -2.20 -3.54	66.21 -2.65 -0.87	32.12 -1.32 -1.00	25.88 -0.85 -3.32	37.22 -1.24 -0.52	45.48 -1.55 -0.02
SITHE_IND_GS3 24171	45.06 -1.92 0.00	46.12 -1.95 0.00	40.08 -1.69 0.00	35.76 -1.50 0.00	41.15 -1.64 0.00	37.08 -1.56 0.00	39.51 -1.72 0.00	49.76 -2.22 0.00	38.01 -1.73 -1.15	45.18 -2.12 -0.12	44.49 -2.06 0.00	37.37 -1.73 0.00	38.45 -1.75 0.00	41.34 -1.87 0.00	39.24 -1.80 0.00	38.33 -1.74 0.00	40.41 -1.79 -0.48	51.27 -2.00 -3.08	57.74 -2.20 -3.54	66.21 -2.65 -0.87	32.12 -1.32 -1.00	25.88 -0.85 -3.32	37.22 -1.24 -0.52	45.48 -1.55 -0.02
SITHE_IND_GS4 24172	45.06 -1.92 0.00	46.12 -1.95 0.00	40.08 -1.69 0.00	35.76 -1.50 0.00	41.15 -1.64 0.00	37.08 -1.56 0.00	39.51 -1.72 0.00	49.76 -2.22 0.00	38.01 -1.73 -1.15	45.18 -2.12 -0.12	44.49 -2.06 0.00	37.37 -1.73 0.00	38.45 -1.75 0.00	41.34 -1.87 0.00	39.24 -1.80 0.00	38.33 -1.74 0.00	40.41 -1.79 -0.48	51.27 -2.00 -3.08	57.74 -2.20 -3.54	66.21 -2.65 -0.87	32.12 -1.32 -1.00	25.88 -0.85 -3.32	37.22 -1.24 -0.52	45.48 -1.55 -0.02

SITHE___BATAVIA 24024	45.10 -1.88 0.00	46.37 -1.70 0.00	40.02 -1.75 0.00	35.70 -1.56 0.00	41.44 -1.35 0.00	37.14 -1.49 0.00	39.65 -1.36 0.22	45.82 -2.04 4.13	34.48 -1.83 2.28	41.36 -2.11 3.71	41.10 -1.91 3.53	34.45 -1.61 3.03	35.51 -1.59 3.10	38.37 -1.53 3.31	36.31 -1.56 3.16	36.65 -1.75 1.66	38.79 -2.08 0.85	54.86 -1.38 -6.05	62.39 -0.97 -6.96	68.58 -1.13 -1.71	33.54 -0.86 -0.66	28.04 -0.66 -1.97	36.93 -1.03 -5.30	45.76 -1.26 -0.01
SITHE___INDEPEND 23800	45.06 -1.92 0.00	46.13 -1.94 0.00	40.08 -1.69 0.00	35.76 -1.50 0.00	41.15 -1.64 0.00	37.08 -1.56 0.00	39.51 -1.72 0.00	49.75 -2.24 0.00	38.01 -1.73 -1.15	45.17 -2.12 -0.12	44.49 -2.06 0.00	37.36 -1.73 0.00	38.44 -1.76 0.00	41.33 -1.88 0.00	39.23 -1.80 0.00	38.32 -1.74 0.00	40.39 -1.80 -0.48	51.27 -2.00 -3.08	57.74 -2.20 -3.54	66.21 -2.65 -0.87	32.12 -1.32 -1.00	25.87 -0.85 -3.32	37.21 -1.24 -0.52	45.48 -1.56 -0.02
SITHE___MASSENA 23902	47.84 0.87 0.00	49.02 0.95 0.00	42.51 0.74 0.00	37.84 0.58 0.00	43.50 0.70 0.00	39.16 0.52 0.00	41.66 0.43 0.00	52.42 0.44 0.00	39.07 0.48 0.00	47.82 0.64 0.00	47.18 0.64 0.00	39.64 0.55 0.00	40.84 0.64 0.00	43.96 0.75 0.00	41.71 0.68 0.00	40.54 0.47 0.00	42.10 0.39 0.00	50.38 0.18 0.00	56.56 0.16 0.00	68.25 0.26 0.00	32.67 0.24 0.00	23.55 0.14 0.00	38.09 0.16 0.00	47.22 0.20 0.00
SITHE___OGDNSBRG 24021	54.91 7.93 0.00	55.94 7.87 0.00	48.44 6.67 0.00	43.12 5.86 0.00	50.08 7.29 0.00	45.24 6.60 0.00	49.17 7.94 0.00	61.82 9.83 0.00	45.46 6.31 -0.56	53.76 6.52 -0.06	53.84 7.29 0.00	44.71 5.61 0.00	45.99 5.78 0.00	50.26 7.05 0.00	46.82 5.79 0.00	44.62 4.56 0.00	46.51 4.56 -0.23	57.90 5.34 -2.36	66.38 6.42 -3.56	76.61 7.28 -1.34	36.80 3.31 -1.06	27.72 2.70 -1.61	43.48 5.30 -0.25	52.86 5.84 -0.01
SITHE___STERLING 23777	47.79 0.81 0.00	48.79 0.72 0.00	42.41 0.64 0.00	37.87 0.61 0.00	43.69 0.89 0.00	39.56 0.92 0.00	42.50 1.26 0.00	53.69 1.70 0.00	40.70 1.09 -1.02	48.50 1.22 -0.10	47.80 1.25 0.00	40.13 1.04 0.00	41.26 1.06 0.00	44.29 1.08 0.00	42.03 0.99 0.00	41.13 1.07 0.00	43.41 1.27 -0.43	54.59 1.66 -2.72	61.33 1.80 -3.14	70.77 2.01 -0.77	34.18 0.86 -0.88	26.92 0.58 -2.94	39.31 0.92 -0.47	48.08 1.04 -0.02
SLEIGHT__34_KV_TB1 80719	45.13 -1.85 0.00	46.27 -1.79 0.00	40.11 -1.67 0.00	35.79 -1.47 0.00	41.31 -1.48 0.00	37.20 -1.44 0.00	39.89 -1.34 0.00	50.17 -1.81 0.00	39.03 -1.54 -1.98	45.55 -1.83 -0.20	44.88 -1.67 0.00	37.70 -1.40 0.00	38.83 -1.37 0.00	41.80 -1.41 0.00	39.60 -1.43 0.00	38.66 -1.41 0.00	41.09 -1.46 -0.83	54.26 -1.24 -5.30	61.28 -1.23 -6.10	68.03 -1.47 -1.50	33.26 -0.90 -1.73	28.46 -0.66 -5.72	37.76 -1.07 -0.91	45.64 -1.42 -0.04
SOUTH CAIRO___GT 23612	50.41 3.43 0.00	51.53 3.46 0.00	44.82 3.04 0.00	39.95 2.69 0.00	45.94 3.15 0.00	41.61 2.97 0.00	54.62 3.35 -10.03	58.90 4.41 -2.51	58.07 3.17 -16.31	52.65 3.81 -1.66	50.05 3.51 0.00	41.74 2.64 0.00	43.15 2.94 0.00	46.53 3.31 0.00	44.16 3.13 0.00	43.21 3.15 0.00	51.96 3.41 -6.84	98.11 4.33 -43.59	111.45 4.86 -50.19	86.07 5.71 -12.36	49.10 2.49 -14.18	72.16 1.74 -47.01	48.15 2.77 -7.44	50.59 3.23 -0.34
SOUTH HAMPTN___IC 23720	48.93 1.95 0.00	49.97 1.90 0.00	43.32 1.55 0.00	38.83 1.57 0.00	44.31 1.52 0.00	40.42 1.78 0.00	46.47 2.22 -3.01	55.94 3.20 -0.75	55.14 2.45 -14.10	50.51 1.89 -1.44	48.01 1.46 0.00	40.50 1.41 0.00	41.44 1.24 0.00	44.83 1.62 0.00	42.43 1.40 0.00	41.43 1.37 0.00	49.37 1.74 -5.91	90.67 2.75 -37.72	102.41 2.58 -43.42	81.52 2.83 -10.70	46.09 1.39 -12.27	64.97 0.89 -40.68	45.52 1.15 -6.45	49.96 2.66 -0.29
SOUTHDOW_115KV_TB1 355954	44.87 -2.11 0.00	46.26 -1.81 0.00	40.17 -1.61 0.00	35.70 -1.56 0.00	41.48 -1.32 0.00	37.12 -1.52 0.00	40.57 -1.33 -0.66	48.77 -1.84 1.37	38.05 -1.61 -1.07	44.07 -1.91 1.20	43.43 -1.79 1.33	36.37 -1.58 1.14	37.62 -1.42 1.17	40.69 -1.27 1.25	38.48 -1.36 1.19	38.04 -1.41 0.62	41.22 -1.01 -0.51	57.87 0.24 -7.43	65.17 0.21 -8.56	70.25 0.15 -2.11	34.52 -0.34 -2.42	30.71 -0.27 -7.57	38.50 -0.34 -0.91	46.20 -0.86 -0.04
SOUTHOLD_69_KV_BK 2 55809	48.41 1.43 0.00	49.45 1.37 0.00	42.86 1.08 0.00	38.41 1.15 0.00	43.84 1.05 0.00	40.01 1.37 0.00	46.06 1.81 -3.01	55.47 2.73 -0.75	54.76 2.07 -14.10	50.05 1.44 -1.44	47.57 1.02 0.00	40.13 1.04 0.00	41.03 0.83 0.00	44.35 1.13 0.00	42.02 0.99 0.00	41.03 0.97 0.00	48.98 1.35 -5.91	90.24 2.33 -37.72	101.97 2.14 -43.42	80.94 2.25 -10.70	45.80 1.09 -12.27	64.73 0.65 -40.68	45.20 0.82 -6.45	50.25 2.95 -0.29
SOUTHOLD___IC 23719	48.41 1.43 0.00	49.45 1.37 0.00	42.86 1.08 0.00	38.41 1.15 0.00	43.84 1.04 0.00	40.01 1.37 0.00	46.06 1.81 -3.01	55.46 2.72 -0.75	54.76 2.07 -14.10	50.04 1.43 -1.44	47.56 1.01 0.00	40.12 1.03 0.00	41.02 0.82 0.00	44.33 1.12 0.00	42.00 0.97 0.00	41.03 0.96 0.00	48.98 1.35 -5.91	90.24 2.33 -37.72	101.97 2.14 -43.42	80.95 2.26 -10.70	45.80 1.09 -12.27	64.73 0.65 -40.68	45.20 0.83 -6.45	50.25 2.95 -0.29
SOUTH_FORK_WT_PWR 323839	47.61 0.63 0.00	48.61 0.54 0.00	42.13 0.36 0.00	37.77 0.51 0.00	43.08 0.29 0.00	39.34 0.70 0.00	45.34 1.10 -3.01	54.56 1.83 -0.75	54.08 1.40 -14.10	49.21 0.59 -1.44	46.72 0.17 0.00	39.42 0.33 0.00	40.28 0.08 0.00	43.57 0.36 0.00	41.27 0.23 0.00	40.31 0.24 0.00	48.24 0.61 -5.91	89.34 1.42 -37.72	100.95 1.13 -43.42	79.73 1.04 -10.70	45.22 0.52 -12.27	64.31 0.22 -40.68	44.58 0.20 -6.45	50.05 2.75 -0.29
SPIERFLS_115KV_TB 1 80737	51.76 4.78 0.00	52.83 4.76 0.00	45.84 4.07 0.00	40.94 3.68 0.00	47.20 4.41 0.00	42.76 4.12 0.00	76.49 4.70 -30.56	65.62 5.99 -7.65	60.54 4.38 -17.57	54.25 5.28 -1.79	51.48 4.94 0.00	43.12 4.03 0.00	44.19 3.99 0.00	47.44 4.23 0.00	45.09 4.06 0.00	44.17 4.11 0.00	53.51 4.43 -7.37	102.58 5.39 -46.99	116.45 5.94 -54.11	88.36 7.04 -13.33	50.92 3.20 -15.28	76.38 2.29 -50.69	49.54 3.60 -8.02	51.89 4.52 -0.36
ST LAWRENCE____ 23600	47.42 0.44 0.00	48.58 0.51 0.00	42.13 0.36 0.00	37.50 0.24 0.00	43.09 0.30 0.00	38.80 0.16 0.00	41.28 0.04 0.00	51.96 -0.03 0.00	38.72 0.13 0.00	47.39 0.21 0.00	46.74 0.19 0.00	39.30 0.20 0.00	40.48 0.28 0.00	43.55 0.34 0.00	41.31 0.28 0.00	40.13 0.07 0.00	41.68 -0.03 0.00	49.87 -0.32 0.00	56.00 -0.40 0.00	67.60 -0.40 0.00	32.37 -0.07 0.00	23.33 -0.08 0.00	37.72 -0.21 0.00	46.77 -0.25 0.00
STATE_CA_115KV_115_LB 55624	49.10 2.12 0.00	50.18 2.11 0.00	43.64 1.87 0.00	38.95 1.69 0.00	44.63 1.84 0.00	40.47 1.83 0.00	67.81 2.11 -24.46	60.79 2.68 -6.12	57.92 1.96 -17.37	51.31 2.37 -1.77	48.82 2.27 0.00	40.94 1.84 0.00	42.06 1.86 0.00	45.17 1.96 0.00	42.93 1.90 0.00	42.02 1.95 0.00	51.11 2.10 -7.29	99.12 2.45 -46.47	112.72 2.81 -53.50	84.45 3.27 -13.18	49.05 1.50 -15.11	74.59 1.06 -50.12	47.58 1.72 -7.93	49.40 2.02 -0.36

STATE_ST_34_KV_LOAD 55959	46.25 -0.73 0.00	47.39 -0.68 0.00	41.18 -0.60 0.00	36.75 -0.51 0.00	42.24 -0.55 0.00	38.22 -0.42 0.00	40.95 -0.29 0.00	51.55 -0.43 0.00	40.12 -0.55 -2.08	46.67 -0.71 -0.21	46.04 -0.50 0.00	38.67 -0.43 0.00	39.78 -0.42 0.00	42.79 -0.42 0.00	40.45 -0.59 0.00	39.65 -0.41 0.00	42.15 -0.43 -0.87	55.64 -0.12 -5.56	62.77 -0.03 -6.40	69.59 0.02 -1.58	34.13 -0.12 -1.81	29.30 -0.10 -5.99	38.73 -0.14 -0.95	46.84 -0.21 -0.04
STATION 5_MISC_HYD 23604	44.87 -2.11 0.00	46.08 -1.99 0.00	39.88 -1.90 0.00	35.57 -1.69 0.00	41.14 -1.66 0.00	36.91 -1.72 0.00	39.56 -1.68 0.00	49.68 -2.30 0.00	38.69 -1.93 -2.03	45.12 -2.26 -0.21	44.44 -2.10 0.00	37.35 -1.75 0.00	38.52 -1.68 0.00	41.51 -1.70 0.00	39.35 -1.69 0.00	38.30 -1.76 0.00	40.71 -1.86 -0.85	54.05 -1.58 -5.43	61.10 -1.56 -6.25	67.65 -1.88 -1.54	33.08 -1.12 -1.77	28.46 -0.80 -5.86	37.60 -1.25 -0.93	45.40 -1.65 -0.04
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	45.82 -1.16 0.00	46.98 -1.09 0.00	40.72 -1.05 0.00	36.33 -0.93 0.00	41.99 -0.81 0.00	37.85 -0.79 0.00	40.62 -0.62 0.00	51.13 -0.85 0.00	39.85 -0.73 -1.99	46.53 -0.85 -0.20	45.80 -0.75 0.00	38.44 -0.66 0.00	39.57 -0.63 0.00	42.59 -0.63 0.00	40.36 -0.67 0.00	39.30 -0.77 0.00	41.72 -0.83 -0.83	55.09 -0.42 -5.31	62.20 -0.32 -6.12	69.09 -0.41 -1.51	33.77 -0.40 -1.73	28.83 -0.31 -5.73	38.32 -0.52 -0.91	46.29 -0.76 -0.04
STA_56_34_KV_BUS2_REV_LBMP_B 345033	44.69 -2.29 0.00	45.89 -2.18 0.00	39.72 -2.06 0.00	35.43 -1.83 0.00	40.96 -1.83 0.00	36.78 -1.86 0.00	39.40 -1.83 0.00	49.48 -2.50 0.00	38.54 -2.07 -2.02	44.96 -2.42 -0.21	44.28 -2.27 0.00	37.18 -1.91 0.00	38.37 -1.84 0.00	41.34 -1.87 0.00	39.18 -1.86 0.00	38.18 -1.89 0.00	40.56 -2.00 -0.84	53.83 -1.76 -5.39	60.83 -1.77 -6.21	67.37 -2.15 -1.53	32.94 -1.25 -1.75	28.32 -0.90 -5.81	37.43 -1.42 -0.92	45.21 -1.84 -0.04
STA_56___34_KV_BUS2 355983	44.69 -2.29 0.00	45.89 -2.18 0.00	39.72 -2.06 0.00	35.43 -1.83 0.00	40.96 -1.83 0.00	36.78 -1.86 0.00	39.40 -1.83 0.00	49.48 -2.50 0.00	38.54 -2.07 -2.02	44.96 -2.42 -0.21	44.28 -2.27 0.00	37.18 -1.91 0.00	38.37 -1.84 0.00	41.34 -1.87 0.00	39.18 -1.86 0.00	38.18 -1.89 0.00	40.56 -2.00 -0.84	53.83 -1.76 -5.39	60.83 -1.77 -6.21	67.37 -2.15 -1.53	32.94 -1.25 -1.75	28.32 -0.90 -5.81	37.43 -1.42 -0.92	45.21 -1.84 -0.04
STA_67___115KV_BK2 355882	44.77 -2.21 0.00	45.98 -2.09 0.00	39.79 -1.99 0.00	35.49 -1.77 0.00	41.05 -1.75 0.00	36.83 -1.81 0.00	39.46 -1.78 0.00	49.52 -2.46 0.00	38.56 -2.06 -2.03	44.96 -2.42 -0.21	44.28 -2.27 0.00	37.20 -1.90 0.00	38.38 -1.82 0.00	41.36 -1.86 0.00	39.21 -1.82 0.00	38.01 -1.88 0.18	40.08 -1.99 -0.36	53.91 -1.72 -5.43	60.93 -1.72 -6.25	67.46 -2.07 -1.54	32.98 -1.22 -1.77	28.05 -0.87 -5.52	37.21 -1.37 -0.65	45.29 -1.76 -0.03
STA_7___115KV_9TRANS 80674	45.10 -1.88 0.00	46.31 -1.76 0.00	40.06 -1.71 0.00	35.74 -1.53 0.00	41.33 -1.46 0.00	37.10 -1.54 0.00	39.77 -1.46 0.00	49.93 -2.05 0.00	38.87 -1.75 -2.03	45.36 -2.03 -0.21	44.68 -1.87 0.00	37.52 -1.58 0.00	38.71 -1.49 0.00	41.73 -1.48 0.00	39.54 -1.49 0.00	38.51 -1.56 0.00	40.92 -1.65 -0.85	54.36 -1.27 -5.43	61.43 -1.22 -6.25	68.07 -1.47 -1.54	33.26 -0.95 -1.77	28.58 -0.68 -5.86	37.77 -1.09 -0.93	45.63 -1.43 -0.04
STA_82___115KV_TB1 80780	44.77 -2.21 0.00	45.98 -2.10 0.00	39.79 -1.99 0.00	35.49 -1.77 0.00	41.05 -1.75 0.00	36.83 -1.81 0.00	39.46 -1.78 0.00	49.53 -2.46 0.00	38.57 -2.06 -2.04	44.96 -2.42 -0.21	44.29 -2.26 0.00	37.20 -1.90 0.00	38.38 -1.83 0.00	41.36 -1.86 0.00	39.21 -1.82 0.00	38.19 -1.88 0.00	40.57 -2.00 -0.86	53.94 -1.71 -5.45	60.96 -1.72 -6.28	67.48 -2.06 -1.55	33.00 -1.22 -1.77	28.42 -0.86 -5.88	37.50 -1.36 -0.93	45.30 -1.76 -0.04
STEEL___WIND 323596	44.54 -2.44 0.00	45.88 -2.19 0.00	39.60 -2.17 0.00	35.32 -1.94 0.00	41.02 -1.77 0.00	36.66 -1.98 0.00	39.04 -1.95 0.24	44.63 -2.96 4.39	33.77 -2.58 2.24	40.29 -2.96 3.92	40.07 -2.73 3.75	33.61 -2.26 3.23	34.79 -2.11 3.30	37.65 -2.04 3.52	35.55 -2.12 3.37	36.09 -2.21 1.76	38.57 -2.34 0.81	55.41 -1.72 -6.93	62.77 -1.60 -7.98	68.12 -1.84 -1.97	33.38 -1.32 -2.25	28.62 -0.97 -6.19	36.61 -1.44 -0.12	45.28 -1.75 -0.01
STEPHTWN_115KV_BK_2 55603	48.89 1.91 0.00	49.98 1.91 0.00	43.45 1.67 0.00	38.80 1.54 0.00	44.59 1.80 0.00	40.31 1.67 0.00	57.39 2.00 -14.16	58.16 2.64 -3.55	57.51 1.88 -17.04	51.19 2.28 -1.73	48.67 2.13 0.00	40.74 1.65 0.00	42.00 1.80 0.00	45.03 1.82 0.00	42.76 1.72 0.00	41.89 1.82 0.00	50.88 2.02 -7.15	98.23 2.46 -45.57	111.69 2.81 -52.47	84.24 3.32 -12.92	48.74 1.48 -14.82	73.59 1.04 -49.15	47.38 1.68 -7.78	49.38 2.01 -0.35
STEUBEN_REC_LFGE 323667	42.51 -4.47 0.00	44.00 -4.07 0.00	38.12 -3.66 0.00	34.29 -2.97 0.00	39.97 -2.82 0.00	35.80 -2.84 0.00	40.06 -2.97 -1.80	64.54 -4.04 -16.60	56.64 -3.29 -21.34	58.93 -4.21 -15.96	56.34 -4.22 -14.00	47.46 -3.67 -12.03	48.78 -3.73 -12.31	52.38 -3.97 -13.13	49.96 -3.63 -12.55	43.23 -3.47 -6.64	46.93 -3.40 -8.61	56.34 -2.71 -8.85	64.55 -2.05 -10.20	68.40 -2.11 -2.51	34.11 -1.21 -2.88	36.93 -0.93 -14.46	41.68 -1.80 -5.55	44.55 -2.70 -0.23
STILLWATER___SOLAR 323814	50.02 3.05 0.00	51.13 3.06 0.00	44.42 2.64 0.00	39.65 2.39 0.00	45.60 2.81 0.00	41.28 2.64 0.00	74.72 3.03 -30.46	63.42 3.81 -7.63	58.91 2.76 -17.56	52.29 3.33 -1.79	49.67 3.12 0.00	41.61 2.51 0.00	42.71 2.51 0.00	45.87 2.66 0.00	43.60 2.57 0.00	42.69 2.63 0.00	51.94 2.85 -7.37	100.61 3.44 -46.97	114.32 3.83 -54.09	85.83 4.51 -13.32	49.77 2.06 -15.28	75.54 1.46 -50.66	48.27 2.32 -8.02	50.23 2.85 -0.36
STONY___BROOK 24151	49.15 2.17 0.00	50.20 2.13 0.00	43.52 1.75 0.00	39.00 1.74 0.00	44.49 1.69 0.00	40.57 1.93 0.00	46.58 2.33 -3.01	56.08 3.34 -0.75	55.29 2.61 -14.10	51.08 2.46 -1.44	48.75 2.20 0.00	41.17 2.07 0.00	42.16 1.96 0.00	45.58 2.37 0.00	43.09 2.06 0.00	42.05 1.98 0.00	49.99 2.36 -5.91	91.27 3.36 -37.72	103.13 3.31 -43.42	82.48 3.79 -10.70	46.53 1.82 -12.27	65.33 1.25 -40.68	46.04 1.66 -6.45	49.79 2.48 -0.29
STURGEON_POOL_HYD 23609	48.24 1.26 0.00	49.22 1.15 0.00	42.81 1.03 0.00	38.36 1.10 0.00	43.83 1.03 0.00	39.84 1.20 0.00	47.08 1.55 -4.30	55.29 2.23 -1.08	54.61 1.65 -14.36	50.70 2.06 -1.46	48.57 2.02 0.00	40.82 1.72 0.00	41.91 1.71 0.00	45.00 1.78 0.00	42.73 1.69 0.00	41.83 1.76 0.00	49.58 1.85 -6.01	90.83 2.31 -38.32	103.08 2.55 -44.12	81.89 3.03 -10.87	46.29 1.39 -12.47	65.72 0.99 -41.33	45.95 1.48 -6.55	48.98 1.67 -0.30
ST_LAW_115_BK7_LBMP 345037	47.42 0.44 0.00	48.58 0.51 0.00	42.13 0.36 0.00	37.51 0.25 0.00	43.10 0.30 0.00	38.80 0.16 0.00	41.28 0.04 0.00	51.96 -0.03 0.00	38.72 0.13 0.00	47.39 0.21 0.00	46.74 0.19 0.00	39.30 0.20 0.00	40.48 0.28 0.00	43.56 0.34 0.00	41.32 0.29 0.00	40.14 0.08 0.00	41.69 -0.03 0.00	49.87 -0.32 0.00	56.00 -0.40 0.00	67.60 -0.40 0.00	32.37 -0.07 0.00	23.33 -0.08 0.00	37.72 -0.21 0.00	46.77 -0.25 0.00

ST_LAW_115_BK8_LBMP 345038	47.42 0.44 0.00	48.58 0.51 0.00	42.13 0.36 0.00	37.51 0.25 0.00	43.10 0.30 0.00	38.80 0.16 0.00	41.28 0.04 0.00	51.96 -0.03 0.00	38.72 0.13 0.00	47.39 0.21 0.00	46.74 0.19 0.00	39.30 0.20 0.00	40.48 0.28 0.00	43.56 0.34 0.00	41.32 0.29 0.00	40.14 0.08 0.00	41.69 -0.03 0.00	49.87 -0.32 0.00	56.00 -0.40 0.00	67.60 -0.40 0.00	32.37 -0.07 0.00	23.33 -0.08 0.00	37.72 -0.21 0.00	46.77 -0.25 0.00
ST_LAW_230_BK5_LBMP 345035	47.42 0.44 0.00	48.58 0.51 0.00	42.13 0.36 0.00	37.50 0.24 0.00	43.09 0.30 0.00	38.80 0.16 0.00	41.28 0.04 0.00	51.96 -0.03 0.00	38.72 0.13 0.00	47.39 0.21 0.00	46.74 0.19 0.00	39.30 0.20 0.00	40.48 0.28 0.00	43.55 0.34 0.00	41.31 0.28 0.00	40.13 0.07 0.00	41.68 -0.03 0.00	49.87 -0.32 0.00	56.00 -0.40 0.00	67.60 -0.40 0.00	32.37 -0.07 0.00	23.33 -0.08 0.00	37.72 -0.21 0.00	46.77 -0.25 0.00
ST_LAW_230_BK6_LBMP 345036	47.42 0.44 0.00	48.58 0.51 0.00	42.13 0.36 0.00	37.50 0.24 0.00	43.09 0.30 0.00	38.80 0.16 0.00	41.28 0.04 0.00	51.96 -0.03 0.00	38.72 0.13 0.00	47.39 0.21 0.00	46.74 0.19 0.00	39.30 0.20 0.00	40.48 0.28 0.00	43.55 0.34 0.00	41.31 0.28 0.00	40.13 0.07 0.00	41.68 -0.03 0.00	49.87 -0.32 0.00	56.00 -0.40 0.00	67.60 -0.40 0.00	32.37 -0.07 0.00	23.33 -0.08 0.00	37.72 -0.21 0.00	46.77 -0.25 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	47.94 0.96 0.00	48.86 0.79 0.00	42.44 0.67 0.00	38.01 0.75 0.00	43.44 0.65 0.00	39.52 0.88 0.00	45.19 1.20 -2.75	54.39 1.72 -0.69	52.87 1.29 -12.99	50.08 1.58 -1.32	48.12 1.57 0.00	40.39 1.30 0.00	41.47 1.27 0.00	44.55 1.34 0.00	42.36 1.33 0.00	41.49 1.43 0.00	48.67 1.50 -5.46	86.88 1.88 -34.80	98.57 2.10 -40.06	80.30 2.44 -9.87	44.91 1.16 -11.31	61.74 0.81 -37.53	45.05 1.18 -5.95	48.61 1.33 -0.27
SWANROAD_115KV_TB1 355699	43.05 -3.93 0.00	44.33 -3.74 0.00	38.21 -3.57 0.00	34.09 -3.17 0.00	39.59 -3.20 0.00	35.29 -3.35 0.00	37.40 -3.51 0.32	41.04 -5.14 5.80	30.38 -4.25 3.96	36.83 -5.06 5.29	36.78 -4.80 4.96	30.84 -3.99 4.26	31.97 -3.87 4.36	34.55 -4.01 4.65	32.68 -3.90 4.45	33.91 -3.82 2.34	36.01 -4.21 1.50	52.70 -4.00 -6.50	59.70 -4.18 -7.49	64.87 -4.97 -1.84	31.88 -2.68 -2.11	26.79 -1.91 -5.30	34.68 -2.95 0.29	43.62 -3.39 0.01
SYNERGY___BIOGAS 323694	45.10 -1.88 0.00	46.37 -1.70 0.00	40.02 -1.75 0.00	35.70 -1.56 0.00	41.44 -1.35 0.00	37.14 -1.49 0.00	39.65 -1.36 0.22	45.82 -2.04 4.13	34.48 -1.83 2.28	41.36 -2.11 3.71	41.10 -1.91 3.53	34.45 -1.61 3.03	35.51 -1.59 3.10	38.37 -1.53 3.31	36.31 -1.56 3.16	36.65 -1.75 1.66	38.79 -2.08 0.85	54.86 -1.38 -6.05	62.39 -0.97 -6.96	68.58 -1.13 -1.71	33.54 -0.86 -1.97	28.04 -0.66 -5.30	36.93 -1.03 -0.03	45.76 -1.26 -0.01
SYRACUSE___ENERGY_ST1 323597	46.15 -0.83 0.00	47.24 -0.83 0.00	41.06 -0.71 0.00	36.63 -0.63 0.00	42.20 -0.59 0.00	38.09 -0.55 0.00	40.72 -0.51 0.00	51.33 -0.66 0.00	39.72 -0.61 -1.74	46.56 -0.79 -0.18	45.83 -0.71 0.00	38.49 -0.61 0.00	39.61 -0.59 0.00	42.59 -0.63 0.00	40.40 -0.64 0.00	39.49 -0.58 0.00	41.88 -0.57 -0.73	54.44 -0.42 -4.67	61.36 -0.41 -5.37	68.82 -0.49 -1.32	33.63 -0.33 -1.52	28.23 -0.21 -5.03	38.43 -0.29 -0.80	46.64 -0.41 -0.04
SYRACUSE___ENERGY_ST2 323598	46.15 -0.83 0.00	47.24 -0.83 0.00	41.06 -0.71 0.00	36.63 -0.63 0.00	42.20 -0.59 0.00	38.09 -0.55 0.00	40.72 -0.51 0.00	51.33 -0.66 0.00	39.72 -0.61 -1.74	46.56 -0.79 -0.18	45.83 -0.71 0.00	38.49 -0.61 0.00	39.61 -0.59 0.00	42.59 -0.63 0.00	40.40 -0.64 0.00	39.49 -0.58 0.00	41.88 -0.57 -0.73	54.44 -0.42 -4.67	61.36 -0.41 -5.37	68.82 -0.49 -1.32	33.63 -0.33 -1.52	28.23 -0.21 -5.03	38.43 -0.29 -0.80	46.64 -0.41 -0.04
SYRACUSE___POWER 24017	46.00 -0.98 0.00	47.07 -1.00 0.00	40.90 -0.87 0.00	36.49 -0.77 0.00	42.05 -0.74 0.00	37.95 -0.69 0.00	40.57 -0.67 0.00	51.14 -0.84 0.00	39.65 -0.73 -1.79	46.43 -0.93 -0.18	45.66 -0.88 0.00	38.36 -0.73 0.00	39.47 -0.73 0.00	42.46 -0.75 0.00	40.29 -0.74 0.00	39.39 -0.68 0.00	41.80 -0.67 -0.75	54.43 -0.57 -4.80	61.38 -0.55 -5.53	68.67 -0.69 -1.36	33.58 -0.42 -1.56	28.31 -0.27 -5.18	38.35 -0.40 -0.82	46.51 -0.54 -0.04
TALLMAN___138KV_BK151 55660	48.01 1.03 0.00	48.88 0.81 0.00	42.44 0.67 0.00	38.04 0.78 0.00	43.44 0.65 0.00	39.56 0.92 0.00	45.35 1.28 -2.83	54.54 1.85 -0.71	53.33 1.39 -13.36	50.27 1.73 -1.36	48.29 1.74 0.00	40.52 1.42 0.00	41.60 1.40 0.00	44.68 1.46 0.00	42.48 1.45 0.00	41.61 1.54 0.00	48.92 1.60 -5.61	87.96 2.01 -35.75	99.83 2.26 -41.17	80.74 2.61 -10.14	45.31 1.24 -11.63	62.83 0.87 -38.56	45.29 1.25 -6.11	48.69 1.40 -0.28
TEALLAVE_115KV_TB7 355573	45.73 -1.25 0.00	46.81 -1.26 0.00	40.66 -1.11 0.00	36.29 -0.97 0.00	41.82 -0.98 0.00	37.72 -0.91 0.00	40.30 -0.93 0.00	50.80 -1.18 0.00	39.16 -0.99 -1.56	46.11 -1.22 -0.16	45.38 -1.17 0.00	38.12 -0.97 0.00	39.22 -0.98 0.00	42.19 -1.02 0.00	40.04 -0.99 0.00	39.13 -0.94 0.00	41.43 -0.94 -0.65	53.46 -0.90 -4.16	60.24 -0.95 -4.79	68.01 -1.16 -1.18	33.16 -0.64 -1.35	27.48 -0.42 -4.49	38.04 -0.60 -0.71	46.25 -0.80 -0.03
TELGRAPH_34_KV_EAST 80808	44.06 -2.92 0.00	45.35 -2.72 0.00	39.14 -2.63 0.00	34.90 -2.36 0.00	40.55 -2.25 0.00	36.23 -2.41 0.00	38.53 -2.42 0.29	43.07 -3.59 5.33	32.04 -3.04 3.52	38.75 -3.58 4.84	38.63 -3.36 4.55	32.36 -2.82 3.91	33.48 -2.71 4.01	36.17 -2.77 4.27	34.23 -2.72 4.08	35.16 -2.75 2.15	37.32 -3.07 1.33	53.85 -2.62 -6.27	61.08 -2.54 -7.22	66.75 -3.02 -1.78	32.72 -1.76 -2.04	27.32 -1.28 -5.19	35.71 -1.99 0.22	44.68 -2.33 0.00
TEMPLE___115KV_TB 2 55572	45.73 -1.25 0.00	46.80 -1.27 0.00	40.66 -1.11 0.00	36.28 -0.98 0.00	41.80 -0.99 0.00	37.71 -0.92 0.00	40.29 -0.94 0.00	50.79 -1.20 0.00	39.17 -0.99 -1.57	46.11 -1.23 -0.16	45.37 -1.17 0.00	38.11 -0.98 0.00	39.22 -0.98 0.00	42.18 -1.03 0.00	40.04 -0.99 0.00	39.12 -0.94 0.00	41.43 -0.94 -0.66	53.50 -0.90 -4.21	60.30 -0.95 -4.84	68.03 -1.16 -1.19	33.17 -0.64 -1.37	27.53 -0.42 -4.54	38.04 -0.60 -0.72	46.25 -0.80 -0.03
TIANA____69_KV_BK 1 55817	49.08 2.10 0.00	50.13 2.06 0.00	43.46 1.68 0.00	38.96 1.70 0.00	44.45 1.66 0.00	40.54 1.91 0.00	46.60 2.35 -3.01	56.10 3.36 -0.75	55.25 2.56 -14.10	50.68 2.07 -1.44	48.18 1.63 0.00	40.66 1.57 0.00	41.61 1.40 0.00	45.00 1.79 0.00	42.60 1.56 0.00	41.57 1.51 0.00	49.52 1.89 -5.91	90.84 2.93 -37.72	102.60 2.78 -43.42	81.76 3.07 -10.70	46.20 1.50 -12.27	65.06 0.98 -40.68	45.64 1.27 -6.45	49.92 2.62 -0.29
TILDEN___115KV_TB1 80814	46.00 -0.98 0.00	47.07 -1.00 0.00	40.90 -0.87 0.00	36.49 -0.77 0.00	42.05 -0.74 0.00	37.95 -0.69 0.00	40.57 -0.67 0.00	51.14 -0.84 0.00	39.65 -0.73 -1.79	46.43 -0.93 -0.18	45.66 -0.88 0.00	38.36 -0.73 0.00	39.47 -0.73 0.00	42.46 -0.75 0.00	40.29 -0.74 0.00	39.39 -0.68 0.00	41.80 -0.67 -0.75	54.43 -0.57 -4.80	61.38 -0.55 -5.53	68.67 -0.69 -1.36	33.58 -0.42 -1.56	28.31 -0.27 -5.18	38.35 -0.40 -0.82	46.51 -0.54 -0.04

TRIGEN___CC 323695	48.69 1.72 0.00	49.71 1.64 0.00	43.13 1.36 0.00	38.68 1.42 0.00	44.11 1.32 0.00	40.17 1.54 0.00	46.17 1.92 -3.01	55.45 2.72 -0.75	54.80 2.11 -14.10	51.00 2.39 -1.44	48.86 2.31 0.00	41.20 2.11 0.00	42.25 2.05 0.00	45.51 2.29 0.00	43.09 2.06 0.00	42.11 2.05 0.00	49.93 2.30 -5.91	90.85 2.93 -37.72	102.88 3.05 -43.42	82.24 3.55 -10.70	46.43 1.73 -12.27	65.32 1.24 -40.68	46.10 1.73 -6.45	49.45 2.15 -0.29
TRINITY___115KV___4 BK 55933	48.62 1.64 0.00	49.71 1.64 0.00	43.24 1.46 0.00	38.60 1.35 0.00	44.27 1.47 0.00	40.08 1.44 0.00	59.82 1.64 -16.95	58.29 2.07 -4.24	57.20 1.50 -17.11	50.72 1.80 -1.74	48.25 1.70 0.00	40.44 1.35 0.00	41.56 1.36 0.00	44.64 1.42 0.00	42.42 1.39 0.00	41.52 1.45 0.00	50.47 1.58 -7.18	97.81 1.84 -45.77	111.21 2.11 -52.70	83.41 2.44 -12.98	48.44 1.12 -14.89	73.57 0.80 -49.37	47.06 1.32 -7.82	48.92 1.55 -0.35
UNION___PROCESSING_DRP 323587	44.78 -2.20 0.00	45.98 -2.09 0.00	39.80 -1.98 0.00	35.49 -1.77 0.00	41.05 -1.74 0.00	36.84 -1.81 0.00	39.46 -1.78 0.00	49.54 -2.45 0.00	38.57 -2.06 -2.04	44.97 -2.42 -0.21	44.29 -2.25 0.00	37.20 -1.89 0.00	38.38 -1.82 0.00	41.37 -1.84 0.00	39.21 -1.82 0.00	38.19 -1.88 0.00	40.58 -1.99 -0.86	53.96 -1.70 -5.46	61.00 -1.69 -6.28	67.50 -2.04 -1.55	33.00 -1.21 -1.78	28.43 -0.86 -5.89	37.50 -1.36 -0.93	45.31 -1.74 -0.04
UPPER HUDSON___HYD 24058	51.76 4.78 0.00	52.83 4.76 0.00	45.84 4.07 0.00	40.94 3.68 0.00	47.20 4.41 0.00	42.76 4.12 0.00	76.49 4.70 -30.56	65.62 5.98 -7.65	60.54 4.38 -17.57	54.25 5.28 -1.79	51.48 4.94 0.00	43.12 4.03 0.00	44.19 3.99 0.00	47.45 4.23 0.00	45.10 4.06 0.00	44.17 4.10 0.00	53.51 4.43 -7.37	102.58 5.39 -46.99	116.45 5.94 -54.11	88.36 7.04 -13.33	50.92 3.20 -15.28	76.38 2.29 -50.69	49.54 3.59 -8.02	51.89 4.51 -0.36
UPPER RAQUET___HYD 24056	53.02 6.04 0.00	54.00 5.93 0.00	46.82 5.04 0.00	41.71 4.45 0.00	48.35 5.56 0.00	43.52 4.88 0.00	47.06 5.82 0.00	59.29 7.30 0.00	43.82 4.67 -0.56	52.13 4.89 -0.06	52.17 5.62 0.00	43.51 4.42 0.00	44.73 4.53 0.00	48.77 5.56 0.00	45.44 4.41 0.00	43.05 2.99 0.00	44.79 2.84 -0.23	55.60 3.04 -2.36	63.53 3.57 -3.56	73.16 3.84 -1.34	35.21 1.72 -1.06	26.63 1.61 -1.61	41.82 3.64 -0.25	50.97 3.94 -0.01
VALLEY44_115KV_TB2 355964	45.37 -1.60 0.00	46.61 -1.46 0.00	40.26 -1.52 0.00	35.99 -1.27 0.00	41.79 -1.00 0.00	37.41 -1.22 0.00	40.78 -1.21 -0.76	50.28 -1.90 -0.19	39.82 -1.64 -2.87	45.52 -1.95 -0.29	44.77 -1.78 0.00	37.58 -1.51 0.00	38.83 -1.38 0.00	42.05 -1.17 0.00	39.80 -1.24 0.00	38.88 -1.18 0.00	41.51 -1.40 -1.20	57.17 -0.69 -7.66	64.79 -0.43 -8.82	69.92 -0.25 -2.17	34.38 -0.54 -2.49	31.27 -0.39 -8.26	38.65 -0.59 -1.31	46.51 -0.56 -0.06
VALLEY___115KV_TB 1-4 80826	47.42 0.44 0.00	48.48 0.41 0.00	42.18 0.40 0.00	37.61 0.35 0.00	43.13 0.33 0.00	39.06 0.42 0.00	41.81 0.58 0.00	52.65 0.67 0.00	39.28 0.46 -0.23	47.88 0.67 -0.02	47.02 0.47 0.00	39.26 0.17 0.00	40.35 0.15 0.00	43.45 0.24 0.00	41.22 0.19 0.00	40.38 0.32 0.00	42.14 0.32 -0.10	51.28 0.46 -0.62	57.67 0.56 -0.71	68.82 0.65 -0.18	32.87 0.23 -0.20	24.30 0.22 -0.67	38.38 0.34 -0.11	47.39 0.37 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	48.69 1.72 0.00	49.85 1.77 0.00	43.32 1.55 0.00	38.66 1.40 0.00	44.42 1.62 0.00	40.20 1.56 0.00	47.50 1.87 -4.39	55.50 2.41 -1.10	46.50 1.77 -6.14	50.03 2.23 -0.63	48.65 2.11 0.00	40.80 1.70 0.00	41.98 1.78 0.00	45.12 1.90 0.00	42.81 1.77 0.00	41.95 1.88 0.00	46.26 1.97 -2.58	69.11 2.49 -16.43	78.13 2.81 -18.91	75.99 3.34 -4.66	39.30 1.52 -5.34	42.21 1.09 -17.72	42.38 1.65 -2.81	49.07 1.92 -0.13
VISCHER___FERRY HYD 24020	48.92 1.94 0.00	50.00 1.93 0.00	43.47 1.70 0.00	38.79 1.53 0.00	44.55 1.75 0.00	40.30 1.66 0.00	69.97 1.89 -26.85	61.06 2.35 -6.72	57.62 1.69 -17.34	50.96 2.01 -1.77	48.42 1.87 0.00	40.56 1.47 0.00	41.66 1.46 0.00	44.73 1.52 0.00	42.52 1.49 0.00	41.63 1.56 0.00	50.71 1.72 -7.27	98.56 1.97 -46.39	112.07 2.26 -53.41	83.77 2.62 -13.16	48.73 1.20 -15.09	74.29 0.85 -50.03	47.25 1.40 -7.92	49.09 1.71 -0.36
V_A_10_SYNC_DSASP 323832	43.72 -3.26 0.00	44.99 -3.09 0.00	38.86 -2.91 0.00	34.66 -2.60 0.00	40.17 -2.63 0.00	35.91 -2.73 0.00	38.24 -2.77 0.22	44.15 -3.85 3.98	33.23 -3.20 2.16	39.82 -3.79 3.57	39.56 -3.58 3.41	33.23 -2.94 2.93	34.37 -2.83 3.00	37.10 -2.92 3.19	35.13 -2.85 3.05	35.50 -2.95 1.62	37.78 -3.10 0.84	53.22 -2.94 -5.96	60.18 -3.09 -6.87	66.01 -3.68 -1.69	32.35 -2.02 -1.94	27.21 -1.42 -5.23	35.74 -2.21 -0.03	44.25 -2.77 -0.01
V_CMM_10_SYNC_DSASP 323787	47.64 0.66 0.00	48.79 0.72 0.00	42.32 0.54 0.00	37.68 0.42 0.00	43.30 0.51 0.00	38.99 0.35 0.00	41.48 0.25 0.00	52.21 0.22 0.00	38.91 0.32 0.00	47.61 0.43 0.00	46.97 0.42 0.00	39.51 0.42 0.00	40.71 0.51 0.00	43.81 0.60 0.00	41.55 0.53 0.00	40.36 0.29 0.00	41.90 0.19 0.00	50.13 -0.06 0.00	56.28 -0.12 0.00	67.94 -0.06 0.00	32.53 0.09 0.00	23.44 0.04 0.00	37.91 -0.02 0.00	46.99 -0.02 0.00
V_CMP_10_SYNC_DSASP 323788	49.65 2.67 0.00	50.70 2.63 0.00	43.87 2.10 0.00	39.09 1.83 0.00	44.89 2.10 0.00	40.28 1.64 0.00	42.89 1.66 0.00	53.58 1.59 0.00	39.83 1.24 0.00	48.96 1.79 0.00	48.01 1.46 0.00	40.31 1.22 0.00	41.50 1.30 0.00	44.47 1.26 0.00	42.02 0.98 0.00	40.12 0.06 0.00	41.14 -0.58 0.00	22.22 -1.38 26.60	-1.36 -1.49 56.28	38.22 -1.87 27.91	14.34 -0.64 17.46	23.18 -0.23 0.00	37.60 -0.32 0.00	46.24 -0.77 0.00
V_D_10_SYNC_DSASP 323841	47.84 0.87 0.00	49.02 0.95 0.00	42.51 0.74 0.00	37.84 0.58 0.00	43.50 0.70 0.00	39.16 0.52 0.00	41.66 0.43 0.00	52.42 0.44 0.00	39.07 0.48 0.00	47.82 0.64 0.00	47.18 0.64 0.00	39.64 0.55 0.00	40.84 0.64 0.00	43.96 0.75 0.00	41.71 0.68 0.00	40.54 0.47 0.00	42.10 0.39 0.00	50.38 0.18 0.00	56.56 0.16 0.00	68.25 0.26 0.00	32.67 0.24 0.00	23.55 0.14 0.00	38.09 0.16 0.00	47.22 0.20 0.00
V_E_10_SYNC_DSASP 323830	46.86 -0.12 0.00	47.98 -0.10 0.00	41.64 -0.14 0.00	37.09 -0.17 0.00	42.84 0.05 0.00	38.85 0.21 0.00	44.21 0.86 -2.12	55.17 1.37 -1.83	45.32 0.78 -5.95	49.64 0.75 -1.71	48.08 0.41 -1.12	40.40 0.35 -0.96	41.55 0.36 -0.98	44.60 0.33 -1.05	42.44 0.40 -1.00	41.27 0.68 -0.53	44.70 0.51 -2.47	63.28 1.02 -12.06	71.65 1.37 -13.88	73.11 1.69 -3.42	36.99 0.64 -3.92	37.42 0.62 -13.40	40.80 0.49 -2.38	47.71 0.58 -0.11
V_F_30_NSYNC___DSASP 323816	50.06 3.08 0.00	51.18 3.11 0.00	44.46 2.68 0.00	39.68 2.42 0.00	45.64 2.85 0.00	41.32 2.68 0.00	75.32 3.07 -31.01	63.62 3.87 -7.77	58.99 2.81 -17.60	52.36 3.39 -1.79	49.74 3.19 0.00	41.66 2.57 0.00	42.77 2.57 0.00	45.94 2.72 0.00	43.66 2.63 0.00	42.74 2.67 0.00	52.02 2.92 -7.38	100.79 3.50 -47.08	114.53 3.92 -54.21	85.99 4.64 -13.35	49.86 2.11 -15.31	75.68 1.50 -50.78	48.34 2.38 -8.04	50.28 2.91 -0.36

V_F_30_SYNC_DSASP 323786	49.10 2.12 0.00	50.18 2.11 0.00	43.65 1.87 0.00	38.95 1.69 0.00	44.64 1.85 0.00	40.48 1.84 0.00	67.71 2.12 -24.36	60.77 2.69 -6.10	57.92 1.96 -17.37	51.31 2.37 -1.77	48.82 2.28 0.00	40.94 1.84 0.00	42.07 1.87 0.00	45.17 1.96 0.00	42.94 1.91 0.00	42.02 1.96 0.00	51.11 2.11 -7.29	99.11 2.46 -46.46	112.71 2.82 -53.49	84.46 3.29 -13.17	49.05 1.51 -15.11	74.58 1.07 -50.10	47.58 1.72 -7.93	49.40 2.03 -0.36
V_XM_10_SYNC_DSASP 323789	49.65 2.67 0.00	50.70 2.63 0.00	43.87 2.10 0.00	39.09 1.83 0.00	44.89 2.10 0.00	40.28 1.64 0.00	42.89 1.66 0.00	53.58 1.59 0.00	39.83 1.24 0.00	48.96 1.79 0.00	48.01 1.46 0.00	40.31 1.22 0.00	41.50 1.30 0.00	44.47 1.26 0.00	42.02 0.98 0.00	40.12 0.06 0.00	41.14 -0.58 0.00	22.22 -1.38 26.60	-1.36 -1.49 56.28	38.22 -1.87 27.91	14.34 -0.64 17.46	23.18 -0.23 0.00	37.60 -0.32 0.00	46.24 -0.77 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	48.17 1.19 0.00	49.07 1.00 0.00	42.61 0.83 0.00	38.19 0.93 0.00	43.62 0.82 0.00	39.72 1.08 0.00	45.56 1.46 -2.86	54.78 2.08 -0.72	53.64 1.57 -13.48	50.50 1.95 -1.37	48.49 1.95 0.00	40.70 1.61 0.00	41.79 1.59 0.00	44.89 1.67 0.00	42.68 1.64 0.00	41.79 1.73 0.00	49.17 1.79 -5.66	88.54 2.26 -36.09	100.48 2.53 -41.55	81.16 2.93 -10.24	45.56 1.39 -11.74	63.30 0.97 -38.92	45.51 1.41 -6.17	48.88 1.59 -0.28
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	48.26 1.29 0.00	49.14 1.08 0.00	42.69 0.91 0.00	38.36 1.10 0.00	43.69 0.90 0.00	39.86 1.22 0.00	45.88 1.63 -3.01	55.11 2.37 -0.76	54.53 1.85 -14.10	50.93 2.32 -1.44	48.84 2.30 0.00	41.08 1.99 0.00	42.18 1.98 0.00	45.26 2.04 0.00	43.02 1.99 0.00	42.17 2.10 0.00	49.81 2.18 -5.91	90.58 2.66 -37.72	102.73 2.90 -43.43	82.16 3.47 -10.70	46.33 1.62 -12.27	65.22 1.14 -40.68	46.05 1.68 -6.45	49.16 1.85 -0.29
W50THST__13_KV_LOAD 356117	48.41 1.43 0.00	49.27 1.20 0.00	42.79 1.02 0.00	38.45 1.19 0.00	43.78 0.99 0.00	39.96 1.32 0.00	46.02 1.77 -3.01	55.32 2.59 -0.76	54.72 2.03 -14.10	51.17 2.56 -1.44	49.10 2.55 0.00	41.31 2.21 0.00	42.39 2.19 0.00	45.50 2.29 0.00	43.24 2.21 0.00	42.39 2.32 0.00	50.04 2.40 -5.91	90.86 2.94 -37.72	103.02 3.19 -43.43	82.49 3.80 -10.70	46.46 1.76 -12.27	65.31 1.22 -40.68	46.19 1.82 -6.45	49.33 2.02 -0.29
WADING RIVER_IC_1 23522	49.57 2.59 0.00	50.61 2.54 0.00	43.88 2.11 0.00	39.35 2.09 0.00	44.88 2.09 0.00	40.94 2.30 0.00	47.01 2.77 -3.01	56.61 3.87 -0.75	55.65 2.97 -14.10	51.47 2.86 -1.44	49.07 2.52 0.00	41.43 2.34 0.00	42.43 2.23 0.00	45.88 2.67 0.00	43.36 2.33 0.00	42.34 2.28 0.00	50.33 2.70 -5.91	91.77 3.86 -37.72	103.74 3.91 -43.42	83.19 4.50 -10.70	46.87 2.17 -12.27	65.56 1.47 -40.68	46.36 1.99 -6.45	50.23 2.92 -0.29
WADING RIVER_IC_2 23547	49.57 2.59 0.00	50.61 2.54 0.00	43.88 2.11 0.00	39.35 2.09 0.00	44.88 2.09 0.00	40.94 2.30 0.00	47.01 2.77 -3.01	56.61 3.87 -0.75	55.65 2.97 -14.10	51.47 2.86 -1.44	49.07 2.52 0.00	41.43 2.34 0.00	42.43 2.23 0.00	45.88 2.67 0.00	43.36 2.33 0.00	42.34 2.28 0.00	50.33 2.70 -5.91	91.77 3.86 -37.72	103.74 3.91 -43.42	83.19 4.50 -10.70	46.87 2.17 -12.27	65.56 1.47 -40.68	46.36 1.99 -6.45	50.23 2.92 -0.29
WADING RIVER_IC_3 23601	49.57 2.59 0.00	50.61 2.54 0.00	43.88 2.11 0.00	39.35 2.09 0.00	44.88 2.09 0.00	40.94 2.30 0.00	47.01 2.77 -3.01	56.61 3.87 -0.75	55.65 2.97 -14.10	51.47 2.86 -1.44	49.07 2.52 0.00	41.43 2.34 0.00	42.43 2.23 0.00	45.88 2.67 0.00	43.36 2.33 0.00	42.34 2.28 0.00	50.33 2.70 -5.91	91.77 3.86 -37.72	103.74 3.91 -43.42	83.19 4.50 -10.70	46.87 2.17 -12.27	65.56 1.47 -40.68	46.36 1.99 -6.45	50.23 2.92 -0.29
WALDENNY_12_KV_BK2 80841	44.55 -2.43 0.00	45.88 -2.19 0.00	39.59 -2.18 0.00	35.30 -1.96 0.00	40.99 -1.80 0.00	36.63 -2.01 0.00	38.98 -2.00 0.25	44.39 -3.05 4.54	33.55 -2.62 2.42	40.07 -3.04 4.07	39.87 -2.80 3.88	33.42 -2.34 3.33	34.61 -2.18 3.41	37.44 -2.13 3.64	35.39 -2.17 3.48	36.00 -2.24 1.82	38.46 -2.38 0.88	55.36 -1.73 -6.88	62.65 -1.68 -7.93	68.02 -1.92 -1.95	33.35 -1.33 -2.24	28.53 -0.97 -6.09	36.52 -1.48 -0.08	45.29 -1.74 -0.01
WALDEN__HYDRO 24148	48.23 1.25 0.00	49.16 1.10 0.00	42.80 1.02 0.00	38.42 1.16 0.00	43.92 1.13 0.00	39.95 1.31 0.00	45.92 1.70 -2.98	55.09 2.36 -0.75	54.00 1.77 -13.64	50.73 2.17 -1.39	48.64 2.10 0.00	40.86 1.76 0.00	41.95 1.75 0.00	45.06 1.84 0.00	42.73 1.70 0.00	41.81 1.75 0.00	49.24 1.84 -5.68	88.71 2.32 -36.20	100.66 2.58 -41.68	81.29 3.03 -10.27	45.63 1.42 -11.77	63.44 0.99 -39.04	45.57 1.45 -6.19	48.93 1.63 -0.28
WARRENSBURG____ 23737	51.76 4.78 0.00	52.83 4.76 0.00	45.84 4.07 0.00	40.94 3.68 0.00	47.20 4.41 0.00	42.76 4.12 0.00	76.49 4.70 -30.56	65.62 5.99 -7.65	60.54 4.38 -17.57	54.25 5.28 -1.79	51.48 4.94 0.00	43.12 4.03 0.00	44.19 3.99 0.00	47.44 4.23 0.00	45.09 4.06 0.00	44.17 4.11 0.00	53.51 4.43 -7.37	102.58 5.39 -46.99	116.45 5.94 -54.11	88.36 7.04 -13.33	50.92 3.20 -15.28	76.38 2.29 -50.69	49.54 3.60 -8.02	51.89 4.52 -0.36
WATERSIDE____6 8 9 23538	46.70 1.46 1.73	47.92 1.23 1.38	40.13 1.05 2.69	34.97 1.24 3.53	41.38 1.00 2.41	36.77 1.37 3.24	44.06 1.81 -1.01	53.44 2.56 1.11	54.00 2.03 -13.39	49.90 2.57 -0.16	47.32 2.54 1.77	36.97 2.22 4.34	38.47 2.21 3.95	42.12 2.30 3.40	39.53 2.24 3.75	37.23 2.33 5.16	40.39 2.42 3.75	88.32 2.92 -35.20	101.98 3.20 -42.38	75.82 3.77 -4.05	43.84 1.82 -9.58	63.61 1.28 -38.93	43.10 1.88 -3.29	46.26 2.04 2.80
WATKINRD_115KV_LN8_ILLION 55919	47.39 0.41 0.00	48.45 0.38 0.00	42.14 0.37 0.00	37.60 0.34 0.00	43.13 0.33 0.00	39.03 0.40 0.00	41.76 0.53 0.00	52.66 0.67 0.00	39.31 0.49 -0.23	47.85 0.64 -0.02	47.05 0.50 0.00	39.38 0.29 0.00	40.46 0.26 0.00	43.52 0.31 0.00	41.30 0.27 0.00	40.44 0.38 0.00	42.22 0.41 -0.10	51.39 0.57 -0.62	57.75 0.64 -0.71	68.91 0.74 -0.18	32.94 0.31 -0.20	24.32 0.25 -0.67	38.41 0.37 -0.11	47.44 0.42 0.00
WATSON__69_KV_BK 1 55734	49.54 2.56 0.00	50.61 2.54 0.00	43.87 2.10 0.00	39.33 2.07 0.00	44.87 2.08 0.00	40.92 2.28 0.00	46.97 2.72 -3.01	56.57 3.83 -0.75	55.64 2.95 -14.10	51.60 2.99 -1.44	49.35 2.80 0.00	41.65 2.56 0.00	42.69 2.49 0.00	46.13 2.92 0.00	43.58 2.55 0.00	42.51 2.45 0.00	50.50 2.87 -5.91	91.86 3.94 -37.72	103.84 4.01 -43.42	83.32 4.63 -10.70	46.92 2.22 -12.27	65.62 1.53 -40.68	46.50 2.13 -6.45	50.22 2.92 -0.29
WDELAWARE__HYD 323627	48.63 1.65 0.00	49.98 1.91 0.00	43.50 1.72 0.00	38.97 1.71 0.00	44.62 1.83 0.00	40.59 1.95 0.00	46.70 2.37 -3.09	55.92 3.16 -0.78	53.76 2.38 -12.79	51.39 2.91 -1.30	49.43 2.88 0.00	41.55 2.45 0.00	42.70 2.50 0.00	45.82 2.61 0.00	43.59 2.55 0.00	42.71 2.64 0.00	50.03 2.96 -5.35	88.00 3.71 -34.10	99.79 4.13 -39.26	82.46 4.80 -9.67	45.74 2.21 -11.09	61.72 1.54 -36.77	46.06 2.31 -5.83	49.97 2.69 -0.26

WEST BABYLON___IC 23714	49.38 2.40 0.00	50.44 2.37 0.00	43.73 1.96 0.00	39.19 1.93 0.00	44.71 1.91 0.00	40.76 2.12 0.00	46.78 2.53 -3.01	56.32 3.58 -0.75	55.46 2.78 -14.10	51.52 2.90 -1.44	49.29 2.74 0.00	41.59 2.49 0.00	42.63 2.43 0.00	46.03 2.82 0.00	43.50 2.47 0.00	42.42 2.35 0.00	50.41 2.78 -5.91	91.66 3.75 -37.72	103.68 3.85 -43.42	83.17 4.48 -10.70	46.85 2.15 -12.27	65.60 1.52 -40.68	46.48 2.11 -6.45	50.08 2.78 -0.29
WEST CANADA___HYD 24049	47.17 0.19 0.00	48.26 0.19 0.00	41.94 0.17 0.00	37.42 0.16 0.00	42.93 0.14 0.00	38.80 0.16 0.00	41.46 0.22 0.00	52.30 0.31 0.00	39.03 0.21 -0.23	47.45 0.25 -0.02	46.82 0.27 0.00	39.30 0.21 0.00	40.39 0.18 0.00	43.36 0.14 0.00	41.20 0.16 0.00	40.25 0.18 0.00	42.06 0.25 -0.10	51.21 0.39 -0.62	57.53 0.41 -0.71	68.58 0.41 -0.18	32.82 0.18 -0.20	24.20 0.13 -0.67	38.26 0.23 -0.11	47.30 0.28 0.00
WESTERN_NY_WIND 24143	45.03 -1.95 0.00	46.31 -1.76 0.00	39.97 -1.81 0.00	35.64 -1.62 0.00	41.39 -1.41 0.00	37.09 -1.55 0.00	39.57 -1.43 0.24	45.37 -2.19 4.42	34.04 -1.97 2.59	40.95 -2.25 3.99	40.71 -2.06 3.78	34.09 -1.76 3.25	35.16 -1.71 3.33	38.01 -1.66 3.55	35.97 -1.67 3.39	36.47 -1.82 1.78	38.57 -2.18 0.97	54.84 -1.45 -6.10	62.35 -1.07 -7.02	68.47 -1.25 -1.73	33.49 -0.93 -1.99	27.97 -0.71 -5.27	36.78 -1.12 0.03	45.69 -1.32 0.00
WESTOVER___LESR 323668	46.01 -0.96 0.00	47.14 -0.93 0.00	40.96 -0.82 0.00	36.54 -0.72 0.00	42.12 -0.67 0.00	38.04 -0.60 0.00	42.08 -0.52 -1.37	51.74 -0.58 -0.34	42.73 -0.52 -4.65	47.02 -0.63 -0.47	45.92 -0.63 0.00	38.59 -0.50 0.00	39.70 -0.51 0.00	42.75 -0.46 0.00	40.55 -0.48 0.00	39.73 -0.34 0.00	43.24 -0.43 -1.95	62.52 -0.12 -12.45	70.67 -0.07 -14.34	71.51 -0.02 -3.53	36.37 -0.11 -4.05	36.75 -0.09 -13.43	39.85 -0.21 -2.13	46.84 -0.27 -0.10
WETHRSFD_WT_PWR 323626	42.20 -4.78 0.00	43.52 -4.55 0.00	37.75 -4.03 0.00	33.82 -3.44 0.00	39.50 -3.30 0.00	35.32 -3.32 0.00	36.14 -3.63 1.46	6.00 -4.95 41.04	-7.84 -4.00 42.43	3.23 -4.91 39.04	6.44 -4.84 35.27	4.69 -4.11 30.29	5.10 -4.10 31.00	5.76 -4.39 33.07	5.46 -3.97 31.60	19.57 -3.81 16.69	20.87 -3.97 16.87	54.62 -3.52 -7.94	62.29 -3.25 -9.14	66.54 -3.70 -2.25	32.89 -2.13 -2.58	17.91 -1.74 3.75	26.22 -2.93 8.77	43.02 -3.65 0.34
WHAVSTOR_138KV_BK127 55557	48.00 1.02 0.00	48.88 0.81 0.00	42.45 0.67 0.00	38.06 0.80 0.00	43.46 0.67 0.00	39.57 0.93 0.00	45.39 1.29 -2.87	54.55 1.85 -0.72	53.49 1.40 -13.51	50.29 1.73 -1.38	48.27 1.73 0.00	40.52 1.42 0.00	41.61 1.41 0.00	44.68 1.46 0.00	42.49 1.46 0.00	41.60 1.54 0.00	48.99 1.61 -5.67	88.36 2.01 -36.16	100.27 2.24 -41.63	80.84 2.60 -10.25	45.44 1.24 -11.76	63.27 0.87 -39.00	45.37 1.26 -6.18	48.70 1.41 -0.28
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	48.00 1.02 0.00	48.88 0.81 0.00	42.45 0.67 0.00	38.06 0.80 0.00	43.46 0.67 0.00	39.57 0.93 0.00	45.39 1.29 -2.87	54.55 1.85 -0.72	53.49 1.40 -13.51	50.29 1.73 -1.38	48.27 1.73 0.00	40.52 1.42 0.00	41.61 1.41 0.00	44.68 1.46 0.00	42.49 1.46 0.00	41.60 1.54 0.00	48.99 1.61 -5.67	88.36 2.01 -36.16	100.27 2.24 -41.63	80.84 2.60 -10.25	45.44 1.24 -11.76	63.27 0.87 -39.00	45.37 1.26 -6.18	48.70 1.41 -0.28
WHITEHAL_115KV_TB1 80871	52.97 5.99 0.00	53.96 5.89 0.00	46.61 4.84 0.00	41.62 4.36 0.00	48.08 5.29 0.00	43.42 4.79 0.00	77.06 5.40 -30.43	66.42 6.81 -7.62	61.19 5.04 -17.56	55.01 6.05 -1.79	52.33 5.78 0.00	43.85 4.75 0.00	44.87 4.67 0.00	48.11 4.89 0.00	45.80 4.77 0.00	44.87 4.81 0.00	54.34 5.26 -7.37	103.51 6.35 -46.97	117.50 7.02 -54.08	89.75 8.44 -13.32	51.60 3.89 -15.28	76.70 2.64 -50.66	50.16 4.21 -8.02	53.26 5.89 -0.36
WHITEPLN_13_KV_LOAD 356215	48.70 1.73 0.00	49.63 1.56 0.00	43.10 1.32 0.00	38.65 1.39 0.00	44.12 1.33 0.00	40.19 1.56 0.00	46.26 2.01 -3.01	55.54 2.81 -0.75	54.79 2.13 -14.07	51.23 2.62 -1.43	49.14 2.59 0.00	41.30 2.21 0.00	42.39 2.19 0.00	45.53 2.31 0.00	43.27 2.23 0.00	42.38 2.31 0.00	50.07 2.44 -5.90	90.88 3.04 -37.65	103.10 3.35 -43.35	82.60 3.93 -10.68	46.53 1.84 -12.24	65.29 1.28 -40.60	46.26 1.90 -6.43	49.46 2.16 -0.29
WM_FLOYD_69_KV_BK2 356380	49.17 2.19 0.00	50.24 2.17 0.00	43.55 1.78 0.00	39.03 1.77 0.00	44.53 1.74 0.00	40.62 1.98 0.00	46.65 2.41 -3.01	56.19 3.46 -0.75	55.35 2.66 -14.10	50.89 2.27 -1.44	48.42 1.87 0.00	40.90 1.80 0.00	41.87 1.67 0.00	45.31 2.10 0.00	42.86 1.83 0.00	41.80 1.73 0.00	49.74 2.11 -5.91	91.08 3.16 -37.72	102.85 3.02 -43.42	82.09 3.40 -10.70	46.36 1.66 -12.27	65.20 1.11 -40.68	45.83 1.46 -6.45	49.82 2.52 -0.29
WOODARD___115KV_TB2 355635	45.79 -1.19 0.00	46.85 -1.22 0.00	40.71 -1.06 0.00	36.33 -0.93 0.00	41.87 -0.93 0.00	37.77 -0.87 0.00	40.33 -0.90 0.00	50.85 -1.13 0.00	39.23 -0.95 -1.59	46.14 -1.20 -0.16	45.41 -1.14 0.00	38.14 -0.95 0.00	39.25 -0.95 0.00	42.21 -1.01 0.00	40.06 -0.97 0.00	39.14 -0.93 0.00	41.46 -0.92 -0.67	53.56 -0.89 -4.26	60.37 -0.93 -4.90	68.07 -1.14 -1.21	33.19 -0.63 -1.39	27.59 -0.41 -4.59	38.06 -0.59 -0.73	46.27 -0.77 -0.03
YORK___WARBASSE 23770	57.42 1.80 -8.64	56.32 1.51 -6.74	56.04 1.26 -13.00	56.02 1.43 -17.32	56.04 1.22 -12.02	56.43 1.62 -16.17	56.33 2.10 -13.00	64.96 2.93 -10.05	58.50 2.27 -17.64	57.93 2.91 -7.84	58.26 2.88 -8.83	63.32 2.52 -21.71	62.43 2.50 -19.73	62.84 2.63 -17.00	62.30 2.55 -18.72	68.45 2.63 -25.76	98.59 2.72 -54.16	103.68 3.17 -50.30	108.65 3.53 -48.72	116.09 4.23 -43.86	60.18 2.08 -25.66	74.32 1.46 -49.45	62.33 2.19 -22.21	65.13 2.40 -15.71