

Day Ahead Market Generator LBMP

Generator Data		--- Marginal Cost of Losses															--- Marginal Cost of Congestion										11/23/2025		
Name	PTID	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				
59TH STREET_GT_1	24138	53.32	48.89	48.38	46.30	45.92	46.86	53.50	56.78	55.74	55.75	55.37	57.80	60.08	60.08	63.27	67.61	74.31	90.06	83.25	79.00	73.92	64.23	58.32	53.09				
		3.30	2.93	2.66	2.52	2.39	2.50	2.87	2.90	3.01	3.13	3.39	3.72	3.67	3.33	3.28	3.52	3.68	4.80	3.96	3.69	3.55	3.40	3.39	2.94				
		0.00	-0.15	-2.83	-1.81	-3.00	-4.70	-6.49	-10.54	-9.08	-8.54	-2.92	-4.43	-6.75	-10.49	-12.43	-10.80	-16.50	-19.49	-23.58	-21.82	-18.20	-13.02	-6.57	-6.27				
74TH STREET_GT_1	24260	53.42	48.98	48.47	46.38	46.05	46.94	53.59	56.91	55.82	55.84	55.47	57.85	60.09	60.17	63.37	67.78	74.42	90.19	83.42	79.16	74.08	64.33	58.46	53.22				
		3.40	3.02	2.74	2.60	2.51	2.58	2.96	3.03	3.10	3.22	3.48	3.77	3.67	3.42	3.38	3.68	3.79	4.93	4.12	3.85	3.70	3.49	3.53	3.07				
		0.00	-0.15	-2.83	-1.82	-3.00	-4.71	-6.49	-10.55	-9.08	-8.54	-2.92	-4.43	-6.77	-10.49	-12.43	-10.81	-16.50	-19.49	-23.59	-21.82	-18.20	-13.02	-6.57	-6.27				
74TH STREET_GT_2	24261	53.42	48.98	48.47	46.38	46.05	46.94	53.59	56.91	55.82	55.84	55.47	57.85	60.09	60.17	63.37	67.78	74.42	90.19	83.42	79.16	74.08	64.33	58.46	53.22				
		3.40	3.02	2.74	2.60	2.51	2.58	2.96	3.03	3.10	3.22	3.48	3.77	3.67	3.42	3.38	3.68	3.79	4.93	4.12	3.85	3.70	3.49	3.53	3.07				
		0.00	-0.15	-2.83	-1.82	-3.00	-4.71	-6.49	-10.55	-9.08	-8.54	-2.92	-4.43	-6.77	-10.49	-12.43	-10.81	-16.50	-19.49	-23.59	-21.82	-18.20	-13.02	-6.57	-6.27				
ADK HUDSON___FALLS	24011	53.57	49.44	49.67	47.37	47.43	48.76	55.94	60.41	58.99	58.77	57.09	59.42	62.21	63.22	67.31	71.57	79.80	96.11	90.41	85.90	79.82	68.30	60.68	55.11				
		3.55	3.44	3.13	3.06	3.04	3.05	3.44	3.51	3.67	3.70	4.27	4.07	3.87	3.47	3.76	4.37	4.44	5.26	4.35	4.33	4.23	3.73	3.87	3.16				
		0.00	-0.20	-3.65	-2.34	-3.86	-6.05	-8.35	-13.57	-11.68	-10.99	-3.76	-5.70	-8.69	-13.50	-16.00	-13.90	-21.23	-25.08	-30.35	-28.07	-23.42	-16.75	-8.45	-8.06				
ADK RESOURCE___RCVRY	23798	53.87	49.71	49.93	47.58	47.68	49.00	56.21	60.68	59.31	59.05	57.44	59.62	62.51	63.46	67.60	71.90	80.19	96.58	90.81	86.29	80.25	68.65	61.03	55.38				
		3.85	3.71	3.39	3.28	3.28	3.29	3.71	3.77	3.97	3.97	4.61	4.27	4.17	3.70	4.04	4.69	4.82	5.72	4.73	4.71	4.64	4.06	4.21	3.43				
		0.00	-0.20	-3.65	-2.34	-3.87	-6.06	-8.35	-13.58	-11.69	-11.00	-3.76	-5.70	-8.69	-13.51	-16.00	-13.91	-21.24	-25.09	-30.37	-28.09	-23.44	-16.76	-8.46	-8.07				
ADK S GLENS___FALLS	24028	53.57	49.44	49.67	47.37	47.43	48.76	55.94	60.41	58.99	58.77	57.09	59.42	62.21	63.22	67.31	71.57	79.80	96.11	90.41	85.90	79.82	68.30	60.68	55.11				
		3.55	3.44	3.13	3.06	3.04	3.05	3.44	3.51	3.67	3.70	4.27	4.07	3.87	3.47	3.76	4.37	4.44	5.26	4.35	4.33	4.23	3.73	3.87	3.16				
		0.00	-0.20	-3.65	-2.34	-3.86	-6.05	-8.35	-13.57	-11.68	-10.99	-3.76	-5.70	-8.69	-13.50	-16.00	-13.90	-21.23	-25.08	-30.35	-28.07	-23.42	-16.75	-8.45	-8.06				
ADK_NYS___DAM	23527	52.67	48.43	48.62	46.46	46.44	47.64	54.60	58.82	57.40	57.19	55.42	57.77	60.78	61.78	65.58	69.74	77.75	93.64	88.18	83.68	77.66	66.45	59.00	54.05				
		2.65	2.43	2.19	2.22	2.15	2.10	2.34	2.30	2.40	2.42	2.70	2.58	2.68	2.40	2.47	2.93	2.98	3.48	2.95	2.89	2.71	2.34	2.42	2.32				
		0.00	-0.19	-3.55	-2.27	-3.76	-5.89	-8.12	-13.19	-11.36	-10.69	-3.65	-5.54	-8.45	-13.13	-15.55	-13.52	-20.64	-24.39	-29.51	-27.30	-22.78	-16.29	-8.22	-7.84				
AIR_PRODUCTS___DRP	24190	51.07	47.05	47.34	45.18	45.18	46.35	53.06	57.21	55.75	55.58	53.76	56.12	59.00	60.16	63.94	67.78	75.68	91.14	85.96	81.56	75.74	64.84	57.46	52.47				
		1.05	1.05	0.94	0.97	0.93	0.87	0.88	0.82	0.87	0.93	1.08	0.99	0.99	0.93	1.00	1.12	1.14	1.25	1.06	1.07	1.04	0.91	0.97	0.83				
		0.00	-0.19	-3.51	-2.25	-3.72	-5.82	-8.03	-13.05	-11.24	-10.57	-3.61	-5.48	-8.36	-12.98	-15.38	-13.37	-20.42	-24.12	-29.19	-27.00	-22.52	-16.11	-8.13	-7.75				
AKWESSNE_115KV_BK	355683	50.17	45.95	43.10	41.84	40.45	39.18	43.70	42.81	43.08	43.91	49.86	49.85	49.80	47.04	48.60	53.34	53.70	64.98	55.16	52.95	51.91	47.92	48.55	43.75				
		0.15	0.14	0.21	-0.13	-0.08	-0.48	-0.44	-0.52	-0.57	-0.18	0.79	0.20	0.15	0.79	1.05	0.05	-0.43	-0.79	-0.56	-0.53	-0.26	0.10	0.19	-0.13				
		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	323833	51.97	47.73	47.97	45.77	45.77	46.93	53.73	57.74	56.28	55.99	54.24	56.59	59.42	60.47	64.32	68.37	76.23	91.88	86.45	82.05	76.28	65.40	58.16	53.05				
		1.95	1.74	1.63	1.59	1.58	1.55	1.68	1.56	1.57	1.50	1.62	1.54	1.54	1.44	1.62	1.92	2.00	2.36	2.00	1.98	1.93	1.72	1.79	1.54				
		0.00	-0.19	-3.45	-2.21	-3.66	-5.73	-7.90	-12.85	-11.06	-10.41	-3.56	-5.40	-8.23	-12.78	-15.14	-13.17	-20.10	-23.74	-28.74	-26.58	-22.18	-15.86	-8.01	-7.63				
ALBANY_2_SOLAR	323834	51.97	47.73	47.97	45.77	45.77	46.90	53.73	57.74	56.28	55.94	54.24	56.53	59.37	60.47	64.32	68.37	76.24	91.88	86.40	82.06	76.28	65.40	58.16	53.06				
		1.95	1.74	1.63	1.59	1.58	1.51	1.68	1.56	1.57	1.45	1.62	1.49	1.49	1.44	1.62	1.92	2.00	2.36	1.95	1.98	1.93	1.72	1.79	1.54				
		0.00	-0.19	-3.45	-2.21	-3.66	-5.73	-7.91	-12.85	-11.06	-10.41	-3.56	-5.40	-8.23	-12.78	-15.14	-13.17	-20.10	-23.75	-28.74	-26.59	-22.18	-15.86	-8.01	-7.64				
ALBANY___I	23571	51.07	47.05	47.34	45.18	45.18	46.35	53.06	57.21	55.75	55.58	53.76	56.12	59.00	60.16	63.94	67.78	75.68	91.14	85.96	81.56	75.74	64.84	57.46	52.47				
		1.05	1.05	0.94	0.97	0.93	0.87	0.88	0.82	0.87	0.93	1.08	0.99	0.99	0.93	1.00	1.12	1.14	1.25	1.06	1.07	1.04	0.91	0.97	0.83				
		0.00	-0.19	-3.51	-2.25	-3.72	-5.82	-8.03	-13.05	-11.24	-10.57	-3.61	-5.48	-8.36	-12.98	-15.38	-13.37	-20.42	-24.12	-29.19	-27.00	-22.52	-16.11	-8.13	-7.75				

ALBANY___2 23572	51.07 1.05 0.00	47.05 1.05 -0.19	47.34 0.94 -3.51	45.18 0.97 -2.25	45.18 0.93 -3.72	46.35 0.87 -5.82	53.06 0.88 -8.03	57.21 0.82 -13.05	55.75 0.87 -11.24	55.58 0.93 -10.57	53.76 1.08 -3.61	56.12 0.99 -5.48	59.00 0.99 -8.36	60.16 0.93 -12.98	63.94 1.00 -15.38	67.78 1.12 -13.37	75.68 1.14 -20.42	91.14 1.25 -24.12	85.96 1.06 -29.19	81.56 1.07 -27.00	75.74 1.04 -22.52	64.84 0.91 -16.11	57.46 0.97 -8.13	52.47 0.83 -7.75
ALBANY___3 23573	51.07 1.05 0.00	47.05 1.05 -0.19	47.34 0.94 -3.51	45.18 0.97 -2.25	45.18 0.93 -3.72	46.35 0.87 -5.82	53.06 0.88 -8.03	57.21 0.82 -13.05	55.75 0.87 -11.24	55.58 0.93 -10.57	53.76 1.08 -3.61	56.12 0.99 -5.48	59.00 0.99 -8.36	60.16 0.93 -12.98	63.94 1.00 -15.38	67.78 1.12 -13.37	75.68 1.14 -20.42	91.14 1.25 -24.12	85.96 1.06 -29.19	81.56 1.07 -27.00	75.74 1.04 -22.52	64.84 0.91 -16.11	57.46 0.97 -8.13	52.47 0.83 -7.75
ALBANY___4 23574	51.07 1.05 0.00	47.05 1.05 -0.19	47.34 0.94 -3.51	45.18 0.97 -2.25	45.18 0.93 -3.72	46.35 0.87 -5.82	53.06 0.88 -8.03	57.21 0.82 -13.05	55.75 0.87 -11.24	55.58 0.93 -10.57	53.76 1.08 -3.61	56.12 0.99 -5.48	59.00 0.99 -8.36	60.16 0.93 -12.98	63.94 1.00 -15.38	67.78 1.12 -13.37	75.68 1.14 -20.42	91.14 1.25 -24.12	85.96 1.06 -29.19	81.56 1.07 -27.00	75.74 1.04 -22.52	64.84 0.91 -16.11	57.46 0.97 -8.13	52.47 0.83 -7.75
ALBANY___LFGE 323615	51.52 1.50 0.00	47.46 1.47 -0.19	47.74 1.33 -3.52	45.57 1.34 -2.26	45.56 1.30 -3.73	46.74 1.23 -5.85	53.53 1.32 -8.06	57.65 1.21 -13.11	56.29 1.35 -11.29	56.07 1.37 -10.62	54.31 1.62 -3.63	56.70 1.54 -5.51	59.58 1.54 -8.39	60.73 1.44 -13.04	64.53 1.52 -15.45	68.48 1.76 -13.43	76.37 1.73 -20.51	91.91 1.91 -24.23	86.65 1.62 -29.32	82.22 1.60 -27.12	76.36 1.56 -22.63	65.39 1.39 -16.18	57.98 1.45 -8.17	52.90 1.23 -7.79
ALCOA_PA_115KV_PL-6C 55860	50.52 0.50 0.00	46.27 0.46 0.00	43.40 0.51 0.00	42.14 0.17 0.00	40.73 0.20 0.00	39.42 -0.24 0.00	43.92 -0.22 0.00	43.03 -0.30 0.00	43.29 -0.35 0.00	44.08 0.00 0.00	50.10 1.03 0.00	50.05 0.40 0.00	50.00 0.35 0.00	47.27 1.02 0.00	48.89 1.33 0.00	53.61 0.32 0.00	53.91 -0.22 0.00	65.31 -0.46 0.00	55.44 -0.28 0.00	53.22 -0.27 0.00	52.17 0.00 0.00	48.20 0.38 0.00	48.89 0.53 0.00	44.10 0.22 0.00
ALCOA_RYNLDS___DRP 24188	50.52 0.50 0.00	46.27 0.46 0.00	43.40 0.51 0.00	42.14 0.17 0.00	40.73 0.20 0.00	39.42 -0.24 0.00	43.92 -0.22 0.00	43.03 -0.30 0.00	43.29 -0.35 0.00	44.08 0.00 0.00	50.10 1.03 0.00	50.05 0.40 0.00	50.00 0.35 0.00	47.27 1.02 0.00	48.89 1.33 0.00	53.61 0.32 0.00	53.91 -0.22 0.00	65.31 -0.46 0.00	55.44 -0.28 0.00	53.22 -0.27 0.00	52.17 0.00 0.00	48.20 0.38 0.00	48.89 0.53 0.00	44.10 0.22 0.00
ALCOA___DSASP 323711	50.52 0.50 0.00	46.27 0.46 0.00	43.40 0.51 0.00	42.14 0.17 0.00	40.73 0.20 0.00	39.42 -0.24 0.00	43.92 -0.22 0.00	43.03 -0.30 0.00	43.29 -0.35 0.00	44.08 0.00 0.00	50.10 1.03 0.00	50.05 0.40 0.00	50.00 0.35 0.00	47.27 1.02 0.00	48.89 1.33 0.00	53.61 0.32 0.00	53.91 -0.22 0.00	65.31 -0.46 0.00	55.44 -0.28 0.00	53.22 -0.27 0.00	52.17 0.00 0.00	48.20 0.38 0.00	48.89 0.53 0.00	44.10 0.22 0.00
ALLEGHENY___COGEN 23514	50.12 0.10 0.00	45.56 -0.27 -0.03	43.06 -0.34 -0.52	42.09 -0.21 -0.33	40.76 -0.33 -0.55	40.28 -0.24 -0.86	45.29 -0.04 -1.19	46.84 1.00 -2.51	45.89 0.09 -2.16	44.97 -1.15 -2.03	47.01 -2.06 0.00	47.24 -2.38 0.03	47.16 -2.43 0.06	44.01 -2.45 -0.21	45.43 -2.38 -0.25	51.54 -1.97 -0.22	53.10 -1.35 -0.32	65.09 -1.05 -0.37	55.33 -0.83 -0.45	53.64 -0.27 -0.42	52.16 -0.36 -0.35	49.73 -0.48 -2.39	49.03 -0.53 -1.20	44.73 -0.31 -1.15
ALTAMONT_115KV_TB 2 55880	51.17 1.15 0.00	47.10 1.10 -0.19	47.40 1.03 -3.49	45.21 1.01 -2.23	45.20 0.97 -3.69	46.39 0.95 -5.79	53.14 1.02 -7.98	57.30 1.00 -12.97	55.81 1.00 -11.17	55.60 1.01 -10.50	53.79 1.13 -3.59	56.19 1.09 -5.45	59.05 1.09 -8.30	60.17 1.02 -12.90	63.89 1.05 -15.29	67.81 1.23 -13.29	75.66 1.24 -20.29	91.18 1.45 -23.96	85.94 1.23 -29.00	81.55 1.23 -26.83	75.76 1.20 -22.38	64.93 1.10 -16.01	57.55 1.11 -8.08	52.60 1.01 -7.71
ALTONA_WT_PWR 323606	49.67 -0.35 0.00	46.08 0.28 0.00	43.23 0.34 0.00	41.97 0.00 0.00	40.61 0.08 0.00	39.34 -0.32 0.00	43.88 -0.26 0.00	43.16 -0.17 0.00	43.34 -0.30 0.00	44.13 0.04 0.00	49.95 0.88 0.00	49.95 0.30 0.00	50.00 0.35 0.00	47.27 1.02 0.00	48.84 1.28 0.00	53.67 0.38 0.00	54.02 -0.11 0.00	65.44 -0.33 0.00	55.55 -0.17 0.00	53.28 -0.21 0.00	52.17 0.00 0.00	48.11 0.29 0.00	48.70 0.34 0.00	43.88 0.00 0.00
AMERICAN_REF_FUEL 24010	46.47 -3.55 0.00	41.98 -3.85 -0.02	39.64 -3.69 -0.44	38.77 -3.48 -0.28	37.56 -3.45 -0.47	37.06 -3.33 -0.74	41.58 -3.57 -1.01	41.43 -3.55 -1.65	40.83 -4.23 -1.42	40.92 -4.50 -1.34	43.98 -5.30 -0.21	44.45 -5.51 -0.31	44.45 -5.66 -0.46	41.52 -5.41 -0.68	42.84 -5.52 -0.80	48.40 -5.59 -0.70	49.29 -5.90 -1.06	59.39 -7.63 -1.25	50.76 -6.46 -1.51	49.22 -5.67 -1.40	47.92 -5.43 -1.17	44.93 -4.92 -2.03	44.79 -4.60 -1.03	41.44 -3.42 -0.98
ARKWRIGHT___SUMMIT_WT_PWR 323751	47.47 -2.55 0.00	42.77 -3.07 -0.03	40.27 -3.13 -0.51	39.23 -3.06 -0.33	37.95 -3.12 -0.54	37.37 -3.13 -0.85	41.78 -3.53 -1.17	41.75 -3.51 -1.92	41.24 -4.06 -1.65	41.23 -4.41 -1.56	43.78 -5.49 -0.20	44.33 -5.61 -0.29	44.38 -5.71 -0.44	41.39 -5.51 -0.64	42.56 -5.76 -0.75	47.82 -6.13 -0.66	48.90 -6.22 -0.99	60.37 -6.58 -1.17	50.78 -6.35 -1.41	48.97 -5.83 -1.31	47.74 -5.53 -1.10	45.09 -5.07 -2.34	44.75 -4.79 -1.18	41.50 -3.51 -1.13
ARTHUR KILL_GT_1 23520	54.18 4.15 -0.01	49.63 3.66 -0.16	49.12 3.39 -2.84	47.02 3.23 -1.82	46.62 3.08 -3.01	47.45 3.09 -4.71	54.03 3.40 -6.49	57.22 3.34 -10.55	56.09 3.36 -9.08	56.15 3.53 -8.54	55.77 3.78 -2.92	58.20 4.12 -4.43	60.49 4.07 -6.77	60.54 3.79 -10.49	63.80 3.80 -12.43	68.20 4.10 -10.81	74.90 4.28 -16.50	90.85 5.59 -19.49	83.98 4.68 -23.59	79.69 4.39 -21.82	74.60 4.23 -18.20	64.96 4.11 -13.03	59.15 4.21 -6.58	53.85 3.69 -6.27
ARTHUR_KILL_2 23512	54.08 4.05 -0.01	49.54 3.58 -0.16	48.99 3.26 -2.84	46.90 3.11 -1.82	46.54 3.00 -3.01	47.34 2.98 -4.71	53.90 3.27 -6.49	57.13 3.25 -10.55	55.96 3.23 -9.08	56.06 3.44 -8.54	55.67 3.68 -2.92	58.11 4.02 -4.44	60.34 3.92 -6.77	60.46 3.70 -10.50	63.65 3.66 -12.43	68.10 4.00 -10.81	74.74 4.11 -16.50	90.72 5.46 -19.49	83.81 4.51 -23.59	79.53 4.22 -21.82	74.45 4.07 -18.20	64.87 4.02 -13.03	59.00 4.06 -6.58	53.76 3.60 -6.27
ARTHUR_KILL_3 23513	53.02 3.00 0.00	48.52 2.56 -0.15	48.04 2.31 -2.83	46.01 2.22 -1.82	45.64 2.11 -3.00	46.58 2.22 -4.71	53.19 2.56 -6.49	56.48 2.60 -10.55	55.43 2.71 -9.08	55.45 2.82 -8.54	55.03 3.04 -2.92	57.41 3.33 -4.44	59.64 3.23 -6.77	59.76 3.00 -10.50	62.94 2.95 -12.43	67.29 3.20 -10.81	73.87 3.25 -16.50	89.60 4.34 -19.49	82.87 3.57 -23.58	78.62 3.32 -21.82	73.56 3.18 -18.20	63.90 3.06 -13.02	57.98 3.05 -6.57	52.78 2.63 -6.27

ARTHUR_KILL_COGEN 323718	54.23 4.20 -0.01	49.64 3.67 -0.16	49.12 3.39 -2.84	47.02 3.23 -1.82	46.62 3.08 -3.01	47.46 3.10 -4.71	54.03 3.40 -6.49	57.26 3.38 -10.55	56.09 3.36 -9.08	56.15 3.53 -8.54	55.82 3.83 -2.92	58.21 4.12 -4.44	60.49 4.07 -6.77	60.55 3.79 -10.50	63.79 3.81 -12.43	68.20 4.10 -10.81	74.90 4.28 -16.50	90.92 5.66 -19.49	84.03 4.73 -23.59	79.70 4.39 -21.82	74.60 4.22 -18.20	65.01 4.16 -13.03	59.14 4.21 -6.58	53.85 3.69 -6.27
ASHOKAN____ 23654	52.47 2.45 0.00	46.53 0.55 -0.17	46.67 0.56 -3.22	44.57 0.54 -2.06	44.35 0.41 -3.41	45.48 0.48 -5.35	52.22 0.70 -7.37	55.97 0.65 -11.98	54.62 0.66 -10.32	54.32 0.53 -9.71	52.88 0.49 -3.32	55.13 0.45 -5.03	57.82 0.50 -7.67	58.64 0.46 -11.92	62.35 0.67 -14.12	66.48 0.91 -12.28	74.28 1.40 -18.75	89.96 2.04 -22.15	84.19 1.67 -26.80	79.89 1.60 -24.80	74.21 1.35 -20.68	63.72 1.10 -14.80	56.79 0.97 -7.47	51.62 0.61 -7.12
ASTORIA_EAST_ENERGY_CC1 323581	53.22 3.20 0.01	48.70 2.75 -0.14	48.25 2.53 -2.83	46.17 2.39 -1.81	45.79 2.27 -2.99	46.73 2.38 -4.70	53.32 2.69 -6.48	56.60 2.73 -10.54	55.55 2.84 -9.07	55.66 3.04 -8.53	55.22 3.24 -2.91	57.70 3.62 -4.43	59.94 3.53 -6.76	60.03 3.28 -10.49	63.17 3.19 -12.42	67.34 3.25 -10.80	73.92 3.30 -16.49	89.59 4.34 -19.48	82.91 3.62 -23.58	78.67 3.37 -21.81	73.60 3.24 -18.19	64.23 3.40 -13.01	58.21 3.29 -6.56	52.99 2.85 -6.26
ASTORIA_EAST_ENERGY_CC2 323582	53.22 3.20 0.01	48.70 2.75 -0.14	48.20 2.49 -2.83	46.12 2.35 -1.81	45.79 2.27 -2.99	46.69 2.34 -4.70	53.27 2.65 -6.48	56.60 2.73 -10.54	55.51 2.80 -9.07	55.66 3.04 -8.53	55.22 3.24 -2.91	57.66 3.58 -4.43	59.94 3.53 -6.76	60.03 3.28 -10.49	63.17 3.19 -12.42	67.29 3.20 -10.80	73.87 3.25 -16.49	89.59 4.34 -19.48	82.86 3.57 -23.58	78.62 3.32 -21.81	73.55 3.18 -18.19	64.18 3.35 -13.01	58.16 3.24 -6.56	52.95 2.81 -6.26
ASTORIA_GT2_1 24094	53.17 3.15 0.00	48.71 2.75 -0.15	48.21 2.49 -2.83	46.18 2.39 -1.82	45.80 2.27 -3.00	46.74 2.38 -4.71	53.33 2.69 -6.49	56.61 2.73 -10.55	55.56 2.84 -9.08	55.67 3.04 -8.54	55.23 3.24 -2.92	57.65 3.57 -4.43	59.94 3.53 -6.77	60.03 3.28 -10.49	63.18 3.19 -12.43	67.35 3.25 -10.81	73.93 3.30 -16.50	89.60 4.34 -19.49	82.92 3.62 -23.59	78.68 3.37 -21.82	73.61 3.23 -18.20	64.14 3.30 -13.02	58.22 3.29 -6.57	53.00 2.85 -6.27
ASTORIA_GT2_2 24095	53.17 3.15 0.00	48.71 2.75 -0.15	48.21 2.49 -2.83	46.18 2.39 -1.82	45.80 2.27 -3.00	46.74 2.38 -4.71	53.33 2.69 -6.49	56.61 2.73 -10.55	55.56 2.84 -9.08	55.67 3.04 -8.54	55.23 3.24 -2.92	57.65 3.57 -4.43	59.94 3.53 -6.77	60.03 3.28 -10.49	63.18 3.19 -12.43	67.35 3.25 -10.81	73.93 3.30 -16.50	89.60 4.34 -19.49	82.92 3.62 -23.59	78.68 3.37 -21.82	73.61 3.23 -18.20	64.14 3.30 -13.02	58.22 3.29 -6.57	53.00 2.85 -6.27
ASTORIA_GT2_3 24096	53.17 3.15 0.00	48.71 2.75 -0.15	48.21 2.49 -2.83	46.18 2.39 -1.82	45.80 2.27 -3.00	46.74 2.38 -4.71	53.33 2.69 -6.49	56.61 2.73 -10.55	55.56 2.84 -9.08	55.67 3.04 -8.54	55.23 3.24 -2.92	57.65 3.57 -4.43	59.94 3.53 -6.77	60.03 3.28 -10.49	63.18 3.19 -12.43	67.35 3.25 -10.81	73.93 3.30 -16.50	89.60 4.34 -19.49	82.92 3.62 -23.59	78.68 3.37 -21.82	73.61 3.23 -18.20	64.14 3.30 -13.02	58.22 3.29 -6.57	53.00 2.85 -6.27
ASTORIA_GT2_4 24097	53.17 3.15 0.00	48.71 2.75 -0.15	48.21 2.49 -2.83	46.18 2.39 -1.82	45.80 2.27 -3.00	46.74 2.38 -4.71	53.33 2.69 -6.49	56.61 2.73 -10.55	55.56 2.84 -9.08	55.67 3.04 -8.54	55.23 3.24 -2.92	57.65 3.57 -4.43	59.94 3.53 -6.77	60.03 3.28 -10.49	63.18 3.19 -12.43	67.35 3.25 -10.81	73.93 3.30 -16.50	89.60 4.34 -19.49	82.92 3.62 -23.59	78.68 3.37 -21.82	73.61 3.23 -18.20	64.14 3.30 -13.02	58.22 3.29 -6.57	53.00 2.85 -6.27
ASTORIA_GT3_1 24098	53.17 3.15 0.00	48.71 2.75 -0.15	48.21 2.49 -2.83	46.18 2.39 -1.82	45.80 2.27 -3.00	46.74 2.38 -4.71	53.33 2.69 -6.49	56.61 2.73 -10.55	55.56 2.84 -9.08	55.67 3.04 -8.54	55.23 3.24 -2.92	57.65 3.57 -4.43	59.94 3.53 -6.77	60.03 3.28 -10.49	63.18 3.19 -12.43	67.35 3.25 -10.81	73.93 3.30 -16.50	89.60 4.34 -19.49	82.92 3.62 -23.59	78.68 3.37 -21.82	73.61 3.23 -18.20	64.14 3.30 -13.02	58.22 3.29 -6.57	53.00 2.85 -6.27
ASTORIA_GT3_2 24099	53.17 3.15 0.00	48.71 2.75 -0.15	48.21 2.49 -2.83	46.18 2.39 -1.82	45.80 2.27 -3.00	46.74 2.38 -4.71	53.33 2.69 -6.49	56.61 2.73 -10.55	55.56 2.84 -9.08	55.67 3.04 -8.54	55.23 3.24 -2.92	57.65 3.57 -4.43	59.94 3.53 -6.77	60.03 3.28 -10.49	63.18 3.19 -12.43	67.35 3.25 -10.81	73.93 3.30 -16.50	89.60 4.34 -19.49	82.92 3.62 -23.59	78.68 3.37 -21.82	73.61 3.23 -18.20	64.14 3.30 -13.02	58.22 3.29 -6.57	53.00 2.85 -6.27
ASTORIA_GT3_3 24100	53.17 3.15 0.00	48.71 2.75 -0.15	48.21 2.49 -2.83	46.18 2.39 -1.82	45.80 2.27 -3.00	46.74 2.38 -4.71	53.33 2.69 -6.49	56.61 2.73 -10.55	55.56 2.84 -9.08	55.67 3.04 -8.54	55.23 3.24 -2.92	57.65 3.57 -4.43	59.94 3.53 -6.77	60.03 3.28 -10.49	63.18 3.19 -12.43	67.35 3.25 -10.81	73.93 3.30 -16.50	89.60 4.34 -19.49	82.92 3.62 -23.59	78.68 3.37 -21.82	73.61 3.23 -18.20	64.14 3.30 -13.02	58.22 3.29 -6.57	53.00 2.85 -6.27
ASTORIA_GT3_4 24101	53.17 3.15 0.00	48.71 2.75 -0.15	48.21 2.49 -2.83	46.18 2.39 -1.82	45.80 2.27 -3.00	46.74 2.38 -4.71	53.33 2.69 -6.49	56.61 2.73 -10.55	55.56 2.84 -9.08	55.67 3.04 -8.54	55.23 3.24 -2.92	57.65 3.57 -4.43	59.94 3.53 -6.77	60.03 3.28 -10.49	63.18 3.19 -12.43	67.35 3.25 -10.81	73.93 3.30 -16.50	89.60 4.34 -19.49	82.92 3.62 -23.59	78.68 3.37 -21.82	73.61 3.23 -18.20	64.14 3.30 -13.02	58.22 3.29 -6.57	53.00 2.85 -6.27
ASTORIA_GT4_1 24102	53.17 3.15 0.00	48.71 2.75 -0.15	48.21 2.49 -2.83	46.18 2.39 -1.82	45.80 2.27 -3.00	46.74 2.38 -4.71	53.33 2.69 -6.49	56.61 2.73 -10.55	55.56 2.84 -9.08	55.67 3.04 -8.54	55.23 3.24 -2.92	57.65 3.57 -4.43	59.94 3.53 -6.77	60.03 3.28 -10.49	63.18 3.19 -12.43	67.35 3.25 -10.81	73.93 3.30 -16.50	89.60 4.34 -19.49	82.92 3.62 -23.59	78.68 3.37 -21.82	73.61 3.23 -18.20	64.14 3.30 -13.02	58.22 3.29 -6.57	53.00 2.85 -6.27
ASTORIA_GT4_2 24103	53.17 3.15 0.00	48.71 2.75 -0.15	48.21 2.49 -2.83	46.18 2.39 -1.82	45.80 2.27 -3.00	46.74 2.38 -4.71	53.33 2.69 -6.49	56.61 2.73 -10.55	55.56 2.84 -9.08	55.67 3.04 -8.54	55.23 3.24 -2.92	57.65 3.57 -4.43	59.94 3.53 -6.77	60.03 3.28 -10.49	63.18 3.19 -12.43	67.35 3.25 -10.81	73.93 3.30 -16.50	89.60 4.34 -19.49	82.92 3.62 -23.59	78.68 3.37 -21.82	73.61 3.23 -18.20	64.14 3.30 -13.02	58.22 3.29 -6.57	53.00 2.85 -6.27
ASTORIA_GT4_3 24104	53.17 3.15 0.00	48.71 2.75 -0.15	48.21 2.49 -2.83	46.18 2.39 -1.82	45.80 2.27 -3.00	46.74 2.38 -4.71	53.33 2.69 -6.49	56.61 2.73 -10.55	55.56 2.84 -9.08	55.67 3.04 -8.54	55.23 3.24 -2.92	57.65 3.57 -4.43	59.94 3.53 -6.77	60.03 3.28 -10.49	63.18 3.19 -12.43	67.35 3.25 -10.81	73.93 3.30 -16.50	89.60 4.34 -19.49	82.92 3.62 -23.59	78.68 3.37 -21.82	73.61 3.23 -18.20	64.14 3.30 -13.02	58.22 3.29 -6.57	53.00 2.85 -6.27

ASTORIA_GT4_4 24105	53.17 3.15 0.00	48.71 2.75 -0.15	48.21 2.49 -2.83	46.18 2.39 -1.82	45.80 2.27 -3.00	46.74 2.38 -4.71	53.33 2.69 -6.49	56.61 2.73 -10.55	55.56 2.84 -9.08	55.67 3.04 -8.54	55.23 3.24 -2.92	57.65 3.57 -4.43	59.94 3.53 -6.77	60.03 3.28 -10.49	63.18 3.19 -12.43	67.35 3.25 -10.81	73.93 3.30 -16.50	89.60 4.34 -19.49	82.92 3.62 -23.59	78.68 3.37 -21.82	73.61 3.23 -18.20	64.14 3.30 -13.02	58.22 3.29 -6.57	53.00 2.85 -6.27
ASTORIA_GT_1 23523	53.27 3.25 0.00	48.80 2.84 -0.15	48.30 2.57 -2.83	46.22 2.43 -1.82	45.88 2.35 -3.00	46.78 2.42 -4.71	53.37 2.74 -6.49	56.70 2.82 -10.55	55.61 2.88 -9.08	55.75 3.13 -8.54	55.33 3.34 -2.92	57.75 3.67 -4.43	60.04 3.62 -6.77	60.13 3.38 -10.49	63.27 3.28 -12.43	67.46 3.36 -10.81	74.04 3.41 -16.50	89.73 4.47 -19.49	83.03 3.73 -23.59	78.79 3.48 -21.82	73.71 3.34 -18.20	64.24 3.40 -13.02	58.32 3.39 -6.57	53.09 2.94 -6.27
ASTORIA_GT_10 24110	53.42 3.40 0.00	48.94 2.98 -0.15	48.43 2.70 -2.83	46.38 2.60 -1.82	46.01 2.47 -3.00	46.94 2.58 -4.71	53.50 2.87 -6.49	56.83 2.95 -10.55	55.74 3.01 -9.08	55.80 3.17 -8.54	55.42 3.43 -2.92	57.75 3.67 -4.43	59.99 3.57 -6.77	60.13 3.38 -10.49	63.27 3.28 -12.43	67.62 3.52 -10.81	74.20 3.57 -16.50	89.93 4.67 -19.49	83.20 3.90 -23.59	78.95 3.64 -21.82	73.87 3.50 -18.20	64.28 3.44 -13.02	58.41 3.48 -6.57	53.22 3.07 -6.27
ASTORIA_GT_11 24225	53.42 3.40 0.00	48.94 2.98 -0.15	48.43 2.70 -2.83	46.38 2.60 -1.82	46.01 2.47 -3.00	46.94 2.58 -4.71	53.50 2.87 -6.49	56.83 2.95 -10.55	55.74 3.01 -9.08	55.80 3.17 -8.54	55.42 3.43 -2.92	57.75 3.67 -4.43	59.99 3.57 -6.77	60.13 3.38 -10.49	63.27 3.28 -12.43	67.62 3.52 -10.81	74.20 3.57 -16.50	89.93 4.67 -19.49	83.20 3.90 -23.59	78.95 3.64 -21.82	73.87 3.50 -18.20	64.28 3.44 -13.02	58.41 3.48 -6.57	53.22 3.07 -6.27
ASTORIA_GT_12 24226	53.42 3.40 0.00	48.94 2.98 -0.15	48.43 2.70 -2.83	46.38 2.60 -1.82	46.01 2.47 -3.00	46.94 2.58 -4.71	53.50 2.87 -6.49	56.83 2.95 -10.55	55.74 3.01 -9.08	55.80 3.17 -8.54	55.42 3.43 -2.92	57.75 3.67 -4.43	59.99 3.57 -6.77	60.13 3.38 -10.49	63.27 3.28 -12.43	67.62 3.52 -10.81	74.20 3.57 -16.50	89.93 4.67 -19.49	83.20 3.90 -23.59	78.95 3.64 -21.82	73.87 3.50 -18.20	64.28 3.44 -13.02	58.41 3.48 -6.57	53.22 3.07 -6.27
ASTORIA_GT_13 24227	53.42 3.40 0.00	48.94 2.98 -0.15	48.43 2.70 -2.83	46.38 2.60 -1.82	46.01 2.47 -3.00	46.94 2.58 -4.71	53.50 2.87 -6.49	56.83 2.95 -10.55	55.74 3.01 -9.08	55.80 3.17 -8.54	55.42 3.43 -2.92	57.75 3.67 -4.43	59.99 3.57 -6.77	60.13 3.38 -10.49	63.27 3.28 -12.43	67.62 3.52 -10.81	74.20 3.57 -16.50	89.93 4.67 -19.49	83.20 3.90 -23.59	78.95 3.64 -21.82	73.87 3.50 -18.20	64.28 3.44 -13.02	58.41 3.48 -6.57	53.22 3.07 -6.27
ASTORIA_GT_5 24106	53.27 3.25 0.00	48.80 2.84 -0.15	48.30 2.57 -2.83	46.22 2.43 -1.82	45.88 2.35 -3.00	46.78 2.42 -4.71	53.37 2.74 -6.49	56.70 2.82 -10.55	55.61 2.88 -9.08	55.75 3.13 -8.54	55.33 3.34 -2.92	57.75 3.67 -4.43	60.04 3.62 -6.77	60.13 3.38 -10.49	63.27 3.28 -12.43	67.46 3.36 -10.81	74.04 3.41 -16.50	89.73 4.47 -19.49	83.03 3.73 -23.59	78.79 3.48 -21.82	73.71 3.34 -18.20	64.24 3.40 -13.02	58.32 3.39 -6.57	53.09 2.94 -6.27
ASTORIA_GT_7 24107	53.27 3.25 0.00	48.80 2.84 -0.15	48.30 2.57 -2.83	46.22 2.43 -1.82	45.88 2.35 -3.00	46.78 2.42 -4.71	53.37 2.74 -6.49	56.70 2.82 -10.55	55.61 2.88 -9.08	55.75 3.13 -8.54	55.33 3.34 -2.92	57.75 3.67 -4.43	60.04 3.62 -6.77	60.13 3.38 -10.49	63.27 3.28 -12.43	67.46 3.36 -10.81	74.04 3.41 -16.50	89.73 4.47 -19.49	83.03 3.73 -23.59	78.79 3.48 -21.82	73.71 3.34 -18.20	64.24 3.40 -13.02	58.32 3.39 -6.57	53.09 2.94 -6.27
ASTORIA_GT_8 24108	53.27 3.25 0.00	48.80 2.84 -0.15	48.30 2.57 -2.83	46.22 2.43 -1.82	45.88 2.35 -3.00	46.78 2.42 -4.71	53.37 2.74 -6.49	56.70 2.82 -10.55	55.61 2.88 -9.08	55.75 3.13 -8.54	55.33 3.34 -2.92	57.75 3.67 -4.43	60.04 3.62 -6.77	60.13 3.38 -10.49	63.27 3.28 -12.43	67.46 3.36 -10.81	74.04 3.41 -16.50	89.73 4.47 -19.49	83.03 3.73 -23.59	78.79 3.48 -21.82	73.71 3.34 -18.20	64.24 3.40 -13.02	58.32 3.39 -6.57	53.09 2.94 -6.27
ASTORIA___2 24149	53.22 3.20 0.01	48.70 2.75 -0.14	48.25 2.53 -2.83	46.17 2.39 -1.81	45.79 2.27 -2.99	46.73 2.38 -4.70	53.32 2.69 -6.48	56.60 2.73 -10.54	55.55 2.84 -9.07	55.66 3.04 -8.53	55.22 3.24 -2.91	57.70 3.62 -4.43	59.94 3.53 -6.76	60.03 3.28 -10.49	63.17 3.19 -12.42	67.34 3.25 -10.80	73.92 3.30 -16.49	89.59 4.34 -19.48	82.91 3.62 -23.58	78.67 3.37 -21.81	73.60 3.24 -18.19	64.23 3.40 -13.01	58.21 3.29 -6.56	52.99 2.85 -6.26
ASTORIA___3 23516	53.47 3.45 0.00	48.94 2.98 -0.15	48.47 2.75 -2.83	46.39 2.60 -1.82	46.01 2.47 -3.00	46.94 2.58 -4.71	53.50 2.87 -6.49	56.83 2.95 -10.55	55.73 3.01 -9.08	55.80 3.18 -8.54	55.42 3.43 -2.92	57.76 3.67 -4.44	60.00 3.58 -6.77	60.13 3.37 -10.50	63.27 3.28 -12.43	67.56 3.46 -10.81	74.20 3.57 -16.50	90.00 4.74 -19.49	83.20 3.90 -23.59	78.95 3.64 -21.82	73.87 3.50 -18.20	64.33 3.49 -13.02	58.42 3.48 -6.57	53.22 3.07 -6.27
ASTORIA___4 23517	53.42 3.40 0.00	48.94 2.98 -0.15	48.43 2.70 -2.83	46.38 2.60 -1.82	46.01 2.47 -3.00	46.94 2.58 -4.71	53.50 2.87 -6.49	56.83 2.95 -10.55	55.74 3.01 -9.08	55.80 3.17 -8.54	55.42 3.43 -2.92	57.75 3.67 -4.43	59.99 3.57 -6.77	60.13 3.38 -10.49	63.27 3.28 -12.43	67.62 3.52 -10.81	74.20 3.57 -16.50	89.93 4.67 -19.49	83.20 3.90 -23.59	78.95 3.64 -21.82	73.87 3.50 -18.20	64.28 3.44 -13.02	58.41 3.48 -6.57	53.22 3.07 -6.27
ASTORIA___5 23518	53.47 3.45 0.00	48.94 2.98 -0.15	48.47 2.75 -2.83	46.39 2.60 -1.82	46.01 2.47 -3.00	46.94 2.58 -4.71	53.50 2.87 -6.49	56.83 2.95 -10.55	55.73 3.01 -9.08	55.80 3.18 -8.54	55.42 3.43 -2.92	57.76 3.67 -4.44	60.00 3.58 -6.77	60.13 3.37 -10.50	63.27 3.28 -12.43	67.56 3.46 -10.81	74.20 3.57 -16.50	90.00 4.74 -19.49	83.20 3.90 -23.59	78.95 3.64 -21.82	73.87 3.50 -18.20	64.28 3.44 -13.02	58.42 3.48 -6.57	53.22 3.07 -6.27
AST_ENERGY_2_CC3 323677	52.61 2.60 0.01	48.20 2.24 -0.14	47.73 2.02 -2.83	45.67 1.89 -1.81	45.35 1.83 -2.99	46.26 1.90 -4.70	52.79 2.16 -6.48	56.12 2.25 -10.54	55.03 2.31 -9.07	55.17 2.56 -8.53	54.68 2.70 -2.91	57.11 3.03 -4.43	59.39 2.98 -6.76	59.52 2.78 -10.49	62.64 2.66 -12.42	66.70 2.61 -10.80	73.27 2.65 -16.49	88.87 3.62 -19.48	82.30 3.01 -23.58	78.03 2.73 -21.81	72.98 2.61 -18.19	63.65 2.82 -13.01	57.68 2.76 -6.56	52.47 2.32 -6.26
AST_ENERGY_2_CC4 323678	52.61 2.60 0.01	48.20 2.24 -0.14	47.73 2.02 -2.83	45.67 1.89 -1.81	45.35 1.83 -2.99	46.26 1.90 -4.70	52.79 2.16 -6.48	56.12 2.25 -10.54	55.03 2.31 -9.07	55.17 2.56 -8.53	54.68 2.70 -2.91	57.11 3.03 -4.43	59.39 2.98 -6.76	59.52 2.78 -10.49	62.64 2.66 -12.42	66.70 2.61 -10.80	73.27 2.65 -16.49	88.87 3.62 -19.48	82.30 3.01 -23.58	78.03 2.73 -21.81	72.98 2.61 -18.19	63.65 2.82 -13.01	57.68 2.76 -6.56	52.47 2.32 -6.26

ATHENS_STG_1 23668	51.62 1.60 0.00	47.44 1.47 -0.17	47.39 1.37 -3.13	45.31 1.34 -2.00	45.10 1.26 -3.32	46.08 1.23 -5.20	52.72 1.41 -7.16	56.36 1.39 -11.64	55.11 1.44 -10.03	55.01 1.50 -9.43	53.91 1.62 -3.22	56.23 1.69 -4.89	58.80 1.69 -7.46	59.41 1.57 -11.58	62.85 1.57 -13.72	66.93 1.70 -11.93	74.08 1.73 -18.22	89.46 2.17 -21.52	83.59 1.84 -26.04	79.34 1.76 -24.09	73.99 1.72 -20.10	63.82 1.63 -14.38	57.21 1.59 -7.25	52.25 1.45 -6.92
ATHENS_STG_2 23670	51.62 1.60 0.00	47.44 1.47 -0.17	47.39 1.37 -3.13	45.31 1.34 -2.00	45.10 1.26 -3.32	46.08 1.23 -5.20	52.72 1.41 -7.16	56.36 1.39 -11.64	55.11 1.44 -10.03	55.01 1.50 -9.43	53.91 1.62 -3.22	56.23 1.69 -4.89	58.80 1.69 -7.46	59.41 1.57 -11.58	62.85 1.57 -13.72	66.93 1.70 -11.93	74.08 1.73 -18.22	89.46 2.17 -21.52	83.59 1.84 -26.04	79.34 1.76 -24.09	73.99 1.72 -20.10	63.82 1.63 -14.38	57.21 1.59 -7.25	52.25 1.45 -6.92
ATHENS_STG_3 23677	51.62 1.60 0.00	47.44 1.47 -0.17	47.39 1.37 -3.13	45.31 1.34 -2.00	45.10 1.26 -3.32	46.08 1.23 -5.20	52.72 1.41 -7.16	56.36 1.39 -11.64	55.11 1.44 -10.03	55.01 1.50 -9.43	53.91 1.62 -3.22	56.23 1.69 -4.89	58.80 1.69 -7.46	59.41 1.57 -11.58	62.85 1.57 -13.72	66.93 1.70 -11.93	74.08 1.73 -18.22	89.46 2.17 -21.52	83.59 1.84 -26.04	79.34 1.76 -24.09	73.99 1.72 -20.10	63.82 1.63 -14.38	57.21 1.59 -7.25	52.25 1.45 -6.92
AUBURN____LFGE 323710	49.27 -0.75 0.00	45.09 -0.73 -0.02	42.52 -0.73 -0.36	41.57 -0.63 -0.23	40.27 -0.65 -0.39	39.66 -0.59 -0.60	44.40 -0.57 -0.83	44.12 -0.56 -1.35	44.19 -0.61 -1.16	44.47 -0.71 -1.09	48.75 -0.83 -0.51	49.69 -0.74 -0.78	50.10 -0.74 -1.20	47.40 -0.74 -1.89	49.03 -0.76 -2.23	54.54 -0.69 -1.95	56.56 -0.54 -2.98	68.76 -0.53 -3.52	59.53 -0.45 -4.26	57.05 -0.37 -3.94	54.99 -0.47 -3.28	48.96 -0.53 -1.67	48.58 -0.63 -0.84	44.16 -0.53 -0.80
BABYLON_RES_REC 323704	54.74 3.95 -0.77	50.46 3.48 -1.17	50.02 3.22 -3.91	48.17 3.06 -3.14	47.85 2.96 -4.36	48.68 3.05 -5.97	54.83 3.45 -7.24	57.43 3.47 -10.63	56.43 3.49 -9.30	56.28 3.66 -8.54	56.03 3.78 -3.18	58.21 4.12 -4.45	60.39 3.97 -6.77	60.45 3.65 -10.54	63.62 3.61 -12.45	68.28 3.67 -11.31	80.79 3.84 -22.81	94.34 4.94 -23.63	86.96 4.18 -27.06	84.06 3.85 -26.72	77.62 3.70 -21.74	68.28 3.59 -16.87	60.14 3.82 -7.95	54.82 3.43 -7.51
BALL_HILL_WT_PWR 323825	47.37 -2.65 0.00	42.77 -3.07 -0.03	40.38 -3.00 -0.49	39.39 -2.90 -0.32	38.18 -2.88 -0.52	37.70 -2.78 -0.82	42.23 -3.05 -1.13	42.15 -3.03 -1.85	41.66 -3.58 -1.59	41.66 -3.92 -1.50	44.47 -4.81 -0.21	45.09 -4.86 -0.30	45.18 -4.92 -0.45	42.24 -4.67 -0.66	43.53 -4.80 -0.78	48.86 -5.12 -0.68	49.90 -5.25 -1.03	60.80 -6.19 -1.21	51.72 -5.46 -1.46	49.87 -4.97 -1.35	48.51 -4.80 -1.13	45.68 -4.40 -2.26	45.34 -4.16 -1.14	41.95 -3.03 -1.09
BARON_WINDS____WT_PWR 323822	48.37 -1.65 0.00	43.78 -2.06 -0.04	41.54 -2.02 -0.67	40.47 -1.93 -0.43	39.29 -1.94 -0.71	38.86 -1.90 -1.11	43.60 -2.07 -1.53	43.84 -2.08 -2.59	43.34 -2.53 -2.23	43.23 -2.95 -2.10	45.57 -3.63 -0.13	46.15 -3.67 -0.17	46.17 -3.72 -0.24	42.99 -3.61 -0.35	44.20 -3.76 -0.40	49.60 -4.05 -0.36	50.76 -3.90 -0.53	61.65 -4.74 -0.62	52.44 -4.01 -0.74	50.38 -3.80 -0.69	49.00 -3.76 -0.58	47.44 -3.44 -3.07	46.52 -3.39 -1.55	42.77 -2.59 -1.48
BARRETT_IC_1 23704	59.82 3.35 -6.45	57.51 3.07 -8.63	57.51 2.83 -11.79	57.51 2.69 -12.85	57.51 2.60 -14.38	57.51 2.62 -15.24	59.82 2.96 -12.72	57.51 3.03 -11.14	57.51 3.05 -10.81	56.04 3.35 -8.61	57.47 3.38 -5.02	57.77 3.62 -4.50	60.00 3.53 -6.82	60.29 3.24 -10.80	63.37 3.14 -12.67	71.64 3.25 -15.10	127.04 3.25 -69.67	124.42 4.27 -54.38	112.11 3.51 -52.88	119.79 3.26 -63.04	103.42 3.24 -48.01	96.41 3.16 -45.43	69.64 3.14 -18.14	63.37 2.85 -16.63
BARRETT_IC_10 23701	59.82 3.35 -6.45	57.51 3.07 -8.63	57.51 2.83 -11.79	57.51 2.69 -12.85	57.51 2.60 -14.38	57.51 2.62 -15.24	59.82 2.96 -12.72	57.51 3.03 -11.14	57.51 3.05 -10.81	56.04 3.35 -8.61	57.47 3.38 -5.02	57.77 3.62 -4.50	60.00 3.53 -6.82	60.29 3.24 -10.80	63.37 3.14 -12.67	71.64 3.25 -15.10	127.04 3.25 -69.67	124.42 4.27 -54.38	112.11 3.51 -52.88	119.79 3.26 -63.04	103.42 3.24 -48.01	96.41 3.16 -45.43	69.64 3.14 -18.14	63.37 2.85 -16.63
BARRETT_IC_11 23702	59.82 3.35 -6.45	57.51 3.07 -8.63	57.51 2.83 -11.79	57.51 2.69 -12.85	57.51 2.60 -14.38	57.51 2.62 -15.24	59.82 2.96 -12.72	57.51 3.03 -11.14	57.51 3.05 -10.81	56.04 3.35 -8.61	57.47 3.38 -5.02	57.77 3.62 -4.50	60.00 3.53 -6.82	60.29 3.24 -10.80	63.37 3.14 -12.67	71.64 3.25 -15.10	127.04 3.25 -69.67	124.42 4.27 -54.38	112.11 3.51 -52.88	119.79 3.26 -63.04	103.42 3.24 -48.01	96.41 3.16 -45.43	69.64 3.14 -18.14	63.37 2.85 -16.63
BARRETT_IC_12 23703	59.82 3.35 -6.45	57.51 3.07 -8.63	57.51 2.83 -11.79	57.51 2.69 -12.85	57.51 2.60 -14.38	57.51 2.62 -15.24	59.82 2.96 -12.72	57.51 3.03 -11.14	57.51 3.05 -10.81	56.04 3.35 -8.61	57.47 3.38 -5.02	57.77 3.62 -4.50	60.00 3.53 -6.82	60.29 3.24 -10.80	63.37 3.14 -12.67	71.64 3.25 -15.10	127.04 3.25 -69.67	124.42 4.27 -54.38	112.11 3.51 -52.88	119.79 3.26 -63.04	103.42 3.24 -48.01	96.41 3.16 -45.43	69.64 3.14 -18.14	63.37 2.85 -16.63
BARRETT_IC_2 23705	59.82 3.35 -6.45	57.51 3.07 -8.63	57.51 2.83 -11.79	57.51 2.69 -12.85	57.51 2.60 -14.38	57.51 2.62 -15.24	59.82 2.96 -12.72	57.51 3.03 -11.14	57.51 3.05 -10.81	56.04 3.35 -8.61	57.47 3.38 -5.02	57.77 3.62 -4.50	60.00 3.53 -6.82	60.29 3.24 -10.80	63.37 3.14 -12.67	71.64 3.25 -15.10	127.04 3.25 -69.67	124.42 4.27 -54.38	112.11 3.51 -52.88	119.79 3.26 -63.04	103.42 3.24 -48.01	96.41 3.16 -45.43	69.64 3.14 -18.14	63.37 2.85 -16.63
BARRETT_IC_3 23706	59.82 3.35 -6.45	57.51 3.07 -8.63	57.51 2.83 -11.79	57.51 2.69 -12.85	57.51 2.60 -14.38	57.51 2.62 -15.24	59.82 2.96 -12.72	57.51 3.03 -11.14	57.51 3.05 -10.81	56.04 3.35 -8.61	57.47 3.38 -5.02	57.77 3.62 -4.50	60.00 3.53 -6.82	60.29 3.24 -10.80	63.37 3.14 -12.67	71.64 3.25 -15.10	127.04 3.25 -69.67	124.42 4.27 -54.38	112.11 3.51 -52.88	119.79 3.26 -63.04	103.42 3.24 -48.01	96.41 3.16 -45.43	69.64 3.14 -18.14	63.37 2.85 -16.63
BARRETT_IC_4 23707	59.82 3.35 -6.45	57.51 3.07 -8.63	57.51 2.83 -11.79	57.51 2.69 -12.85	57.51 2.60 -14.38	57.51 2.62 -15.24	59.82 2.96 -12.72	57.51 3.03 -11.14	57.51 3.05 -10.81	56.04 3.35 -8.61	57.47 3.38 -5.02	57.77 3.62 -4.50	60.00 3.53 -6.82	60.29 3.24 -10.80	63.37 3.14 -12.67	71.64 3.25 -15.10	127.04 3.25 -69.67	124.42 4.27 -54.38	112.11 3.51 -52.88	119.79 3.26 -63.04	103.42 3.24 -48.01	96.41 3.16 -45.43	69.64 3.14 -18.14	63.37 2.85 -16.63
BARRETT_IC_5 23708	59.82 3.35 -6.45	57.51 3.07 -8.63	57.51 2.83 -11.79	57.51 2.69 -12.85	57.51 2.60 -14.38	57.51 2.62 -15.24	59.82 2.96 -12.72	57.51 3.03 -11.14	57.51 3.05 -10.81	56.04 3.35 -8.61	57.47 3.38 -5.02	57.77 3.62 -4.50	60.00 3.53 -6.82	60.29 3.24 -10.80	63.37 3.14 -12.67	71.64 3.25 -15.10	127.04 3.25 -69.67	124.42 4.27 -54.38	112.11 3.51 -52.88	119.79 3.26 -63.04	103.42 3.24 -48.01	96.41 3.16 -45.43	69.64 3.14 -18.14	63.37 2.85 -16.63

BARRETT_IC_6 23709	59.82 3.35 -6.45	57.51 3.07 -8.63	57.51 2.83 -11.79	57.51 2.69 -12.85	57.51 2.60 -14.38	57.51 2.62 -15.24	59.82 2.96 -12.72	57.51 3.03 -11.14	57.51 3.05 -10.81	56.04 3.35 -8.61	57.47 3.38 -5.02	57.77 3.62 -4.50	60.00 3.53 -6.82	60.29 3.24 -10.80	63.37 3.14 -12.67	71.64 3.25 -15.10	127.04 3.25 -69.67	124.42 4.27 -54.38	112.11 3.51 -52.88	119.79 3.26 -63.04	103.42 3.24 -48.01	96.41 3.16 -45.43	69.64 3.14 -18.14	63.37 2.85 -16.63
BARRETT_IC_7 23710	59.77 3.30 -6.45	57.51 3.07 -8.63	57.51 2.83 -11.79	57.55 2.73 -12.85	57.51 2.59 -14.38	57.51 2.62 -15.24	59.82 2.96 -12.72	57.51 3.03 -11.14	57.51 3.06 -10.81	56.03 3.35 -8.60	57.47 3.39 -5.02	57.77 3.62 -4.50	60.00 3.53 -6.82	60.30 3.24 -10.81	63.37 3.14 -12.68	71.64 3.25 -15.10	127.04 3.25 -69.67	124.36 4.21 -54.38	112.11 3.51 -52.88	119.79 3.26 -63.04	103.42 3.23 -48.01	96.36 3.11 -45.43	69.64 3.14 -18.14	63.37 2.85 -16.63
BARRETT_IC_8 23711	59.82 3.35 -6.45	57.51 3.07 -8.63	57.51 2.83 -11.79	57.51 2.69 -12.85	57.51 2.60 -14.38	57.51 2.62 -15.24	59.82 2.96 -12.72	57.51 3.03 -11.14	57.51 3.05 -10.81	56.04 3.35 -8.61	57.47 3.38 -5.02	57.77 3.62 -4.50	60.00 3.53 -6.82	60.29 3.24 -10.80	63.37 3.14 -12.67	71.64 3.25 -15.10	127.04 3.25 -69.67	124.42 4.27 -54.38	112.11 3.51 -52.88	119.79 3.26 -63.04	103.42 3.24 -48.01	96.41 3.16 -45.43	69.64 3.14 -18.14	63.37 2.85 -16.63
BARRETT_IC_9 23700	59.82 3.35 -6.45	57.51 3.07 -8.63	57.51 2.83 -11.79	57.51 2.69 -12.85	57.51 2.60 -14.38	57.51 2.62 -15.24	59.82 2.96 -12.72	57.51 3.03 -11.14	57.51 3.05 -10.81	56.04 3.35 -8.61	57.47 3.38 -5.02	57.77 3.62 -4.50	60.00 3.53 -6.82	60.29 3.24 -10.80	63.37 3.14 -12.67	71.64 3.25 -15.10	127.04 3.25 -69.67	124.42 4.27 -54.38	112.11 3.51 -52.88	119.79 3.26 -63.04	103.42 3.24 -48.01	96.41 3.16 -45.43	69.64 3.14 -18.14	63.37 2.85 -16.63
BARRETT___1 23545	59.82 3.35 -6.45	57.51 3.07 -8.63	57.51 2.83 -11.79	57.51 2.69 -12.85	57.51 2.60 -14.38	57.51 2.62 -15.24	59.82 2.96 -12.72	57.51 3.03 -11.14	57.51 3.05 -10.81	56.04 3.35 -8.61	57.47 3.38 -5.02	57.77 3.62 -4.50	60.00 3.53 -6.82	60.29 3.24 -10.80	63.37 3.14 -12.67	71.64 3.25 -15.10	127.04 3.25 -69.67	124.42 4.27 -54.38	112.11 3.51 -52.88	119.79 3.26 -63.04	103.42 3.24 -48.01	96.41 3.16 -45.43	69.64 3.14 -18.14	63.37 2.85 -16.63
BARRETT___2 23546	59.82 3.35 -6.45	57.51 3.07 -8.63	57.51 2.83 -11.79	57.51 2.69 -12.85	57.51 2.60 -14.38	57.51 2.62 -15.24	59.82 2.96 -12.72	57.51 3.03 -11.14	57.51 3.05 -10.81	56.04 3.35 -8.61	57.47 3.38 -5.02	57.77 3.62 -4.50	60.00 3.53 -6.82	60.29 3.24 -10.80	63.37 3.14 -12.67	71.64 3.25 -15.10	127.04 3.25 -69.67	124.42 4.27 -54.38	112.11 3.51 -52.88	119.79 3.26 -63.04	103.42 3.24 -48.01	96.41 3.16 -45.43	69.64 3.14 -18.14	63.37 2.85 -16.63
BATAVIA___115KV_TB1 55881	48.07 -1.95 0.00	43.63 -2.20 -0.02	41.15 -2.14 -0.41	40.26 -1.97 -0.26	38.98 -1.99 -0.43	38.47 -1.86 -0.67	43.18 -1.90 -0.93	42.97 -1.86 -1.49	42.53 -2.40 -1.28	42.60 -2.69 -1.21	46.00 -3.29 -0.21	46.54 -3.43 -0.32	46.55 -3.57 -0.48	43.51 -3.42 -0.68	44.89 -3.47 -0.80	50.70 -3.30 -0.72	51.97 -3.25 -1.09	62.97 -4.08 -1.28	53.59 -3.68 -1.55	51.98 -2.94 -1.43	50.55 -2.82 -1.20	47.05 -2.63 -1.86	46.83 -2.47 -0.94	43.03 -1.76 -0.90
BAYONEEC___CTG1 323682	53.22 3.20 0.00	48.71 2.75 -0.15	48.21 2.49 -2.83	46.13 2.35 -1.82	45.80 2.27 -3.00	46.74 2.38 -4.71	53.33 2.69 -6.49	56.66 2.78 -10.55	55.56 2.84 -9.08	55.58 2.95 -8.54	55.18 3.19 -2.92	57.56 3.47 -4.44	59.80 3.38 -6.77	59.90 3.15 -10.50	63.08 3.09 -12.43	67.46 3.36 -10.81	74.09 3.47 -16.50	89.79 4.53 -19.49	83.03 3.73 -23.58	78.78 3.47 -21.82	73.72 3.34 -18.20	64.09 3.25 -13.02	58.17 3.24 -6.57	52.96 2.81 -6.27
BAYONEEC___CTG10 323750	53.22 3.20 0.00	48.71 2.75 -0.15	48.21 2.49 -2.83	46.13 2.35 -1.82	45.80 2.27 -3.00	46.74 2.38 -4.71	53.33 2.69 -6.49	56.66 2.78 -10.55	55.56 2.84 -9.08	55.58 2.95 -8.54	55.18 3.19 -2.92	57.56 3.47 -4.44	59.80 3.38 -6.77	59.90 3.15 -10.50	63.08 3.09 -12.43	67.46 3.36 -10.81	74.09 3.47 -16.50	89.79 4.53 -19.49	83.03 3.73 -23.58	78.78 3.47 -21.82	73.72 3.34 -18.20	64.09 3.25 -13.02	58.17 3.24 -6.57	52.96 2.81 -6.27
BAYONEEC___CTG2 323683	53.22 3.20 0.00	48.71 2.75 -0.15	48.21 2.49 -2.83	46.13 2.35 -1.82	45.80 2.27 -3.00	46.74 2.38 -4.71	53.33 2.69 -6.49	56.66 2.78 -10.55	55.56 2.84 -9.08	55.58 2.95 -8.54	55.18 3.19 -2.92	57.56 3.47 -4.44	59.80 3.38 -6.77	59.90 3.15 -10.50	63.08 3.09 -12.43	67.46 3.36 -10.81	74.09 3.47 -16.50	89.79 4.53 -19.49	83.03 3.73 -23.58	78.78 3.47 -21.82	73.72 3.34 -18.20	64.09 3.25 -13.02	58.17 3.24 -6.57	52.96 2.81 -6.27
BAYONEEC___CTG3 323684	53.22 3.20 0.00	48.71 2.75 -0.15	48.21 2.49 -2.83	46.13 2.35 -1.82	45.80 2.27 -3.00	46.74 2.38 -4.71	53.33 2.69 -6.49	56.66 2.78 -10.55	55.56 2.84 -9.08	55.58 2.95 -8.54	55.18 3.19 -2.92	57.56 3.47 -4.44	59.80 3.38 -6.77	59.90 3.15 -10.50	63.08 3.09 -12.43	67.46 3.36 -10.81	74.09 3.47 -16.50	89.79 4.53 -19.49	83.03 3.73 -23.58	78.78 3.47 -21.82	73.72 3.34 -18.20	64.09 3.25 -13.02	58.17 3.24 -6.57	52.96 2.81 -6.27
BAYONEEC___CTG4 323685	53.22 3.20 0.00	48.71 2.75 -0.15	48.21 2.49 -2.83	46.13 2.35 -1.82	45.80 2.27 -3.00	46.74 2.38 -4.71	53.33 2.69 -6.49	56.66 2.78 -10.55	55.56 2.84 -9.08	55.58 2.95 -8.54	55.18 3.19 -2.92	57.56 3.47 -4.44	59.80 3.38 -6.77	59.90 3.15 -10.50	63.08 3.09 -12.43	67.46 3.36 -10.81	74.09 3.47 -16.50	89.79 4.53 -19.49	83.03 3.73 -23.58	78.78 3.47 -21.82	73.72 3.34 -18.20	64.09 3.25 -13.02	58.17 3.24 -6.57	52.96 2.81 -6.27
BAYONEEC___CTG5 323686	53.22 3.20 0.00	48.71 2.75 -0.15	48.21 2.49 -2.83	46.13 2.35 -1.82	45.80 2.27 -3.00	46.74 2.38 -4.71	53.33 2.69 -6.49	56.66 2.78 -10.55	55.56 2.84 -9.08	55.58 2.95 -8.54	55.18 3.19 -2.92	57.56 3.47 -4.44	59.80 3.38 -6.77	59.90 3.15 -10.50	63.08 3.09 -12.43	67.46 3.36 -10.81	74.09 3.47 -16.50	89.79 4.53 -19.49	83.03 3.73 -23.58	78.78 3.47 -21.82	73.72 3.34 -18.20	64.09 3.25 -13.02	58.17 3.24 -6.57	52.96 2.81 -6.27
BAYONEEC___CTG6 323687	53.22 3.20 0.00	48.71 2.75 -0.15	48.21 2.49 -2.83	46.13 2.35 -1.82	45.80 2.27 -3.00	46.74 2.38 -4.71	53.33 2.69 -6.49	56.66 2.78 -10.55	55.56 2.84 -9.08	55.58 2.95 -8.54	55.18 3.19 -2.92	57.56 3.47 -4.44	59.80 3.38 -6.77	59.90 3.15 -10.50	63.08 3.09 -12.43	67.46 3.36 -10.81	74.09 3.47 -16.50	89.79 4.53 -19.49	83.03 3.73 -23.58	78.78 3.47 -21.82	73.72 3.34 -18.20	64.09 3.25 -13.02	58.17 3.24 -6.57	52.96 2.81 -6.27
BAYONEEC___CTG7 323688	53.22 3.20 0.00	48.71 2.75 -0.15	48.21 2.49 -2.83	46.13 2.35 -1.82	45.80 2.27 -3.00	46.74 2.38 -4.71	53.33 2.69 -6.49	56.66 2.78 -10.55	55.56 2.84 -9.08	55.58 2.95 -8.54	55.18 3.19 -2.92	57.56 3.47 -4.44	59.80 3.38 -6.77	59.90 3.15 -10.50	63.08 3.09 -12.43	67.46 3.36 -10.81	74.09 3.47 -16.50	89.79 4.53 -19.49	83.03 3.73 -23.58	78.78 3.47 -21.82	73.72 3.34 -18.20	64.09 3.25 -13.02	58.17 3.24 -6.57	52.96 2.81 -6.27

BAYONEEC___CTG8 323689	53.22 3.20 0.00	48.71 2.75 -0.15	48.21 2.49 -2.83	46.13 2.35 -1.82	45.80 2.27 -3.00	46.74 2.38 -4.71	53.33 2.69 -6.49	56.66 2.78 -10.55	55.56 2.84 -9.08	55.58 2.95 -8.54	55.18 3.19 -2.92	57.56 3.47 -4.44	59.80 3.38 -6.77	59.90 3.15 -10.50	63.08 3.09 -12.43	67.46 3.36 -10.81	74.09 3.47 -16.50	89.79 4.53 -19.49	83.03 3.73 -23.58	78.78 3.47 -21.82	73.72 3.34 -18.20	64.09 3.25 -13.02	58.17 3.24 -6.57	52.96 2.81 -6.27
BAYONEEC___CTG9 323749	53.22 3.20 0.00	48.71 2.75 -0.15	48.21 2.49 -2.83	46.13 2.35 -1.82	45.80 2.27 -3.00	46.74 2.38 -4.71	53.33 2.69 -6.49	56.66 2.78 -10.55	55.56 2.84 -9.08	55.58 2.95 -8.54	55.18 3.19 -2.92	57.56 3.47 -4.44	59.80 3.38 -6.77	59.90 3.15 -10.50	63.08 3.09 -12.43	67.46 3.36 -10.81	74.09 3.47 -16.50	89.79 4.53 -19.49	83.03 3.73 -23.58	78.78 3.47 -21.82	73.72 3.34 -18.20	64.09 3.25 -13.02	58.17 3.24 -6.57	52.96 2.81 -6.27
BEACON___LESR 323632	51.77 1.75 0.00	47.64 1.65 -0.19	47.90 1.50 -3.51	45.72 1.51 -2.25	45.75 1.50 -3.72	46.91 1.43 -5.82	53.72 1.54 -8.03	57.90 1.52 -13.05	56.54 1.66 -11.24	56.33 1.67 -10.57	54.59 1.91 -3.61	56.92 1.78 -5.48	59.79 1.78 -8.36	60.90 1.66 -12.98	64.70 1.76 -15.38	68.69 2.02 -13.37	76.60 2.06 -20.42	92.25 2.36 -24.12	86.85 1.95 -29.19	82.47 1.98 -27.00	76.58 1.88 -22.53	65.61 1.67 -16.11	58.23 1.74 -8.13	53.09 1.45 -7.76
BEAVER RIVER___HYD 24048	50.22 0.20 0.00	46.09 0.28 -0.01	43.26 0.26 -0.11	42.17 0.13 -0.07	40.77 0.12 -0.12	39.57 -0.28 -0.19	43.79 -0.62 -0.26	42.93 -0.82 -0.43	43.05 -0.96 -0.37	43.59 -0.84 -0.34	48.60 -0.59 -0.12	49.09 -0.74 -0.18	49.28 -0.65 -0.27	46.31 -0.37 -0.42	47.87 -0.19 -0.50	53.25 -0.48 -0.44	54.09 -0.71 -0.67	65.97 -0.59 -0.79	56.16 -0.50 -0.95	53.89 -0.48 -0.88	52.86 -0.05 -0.74	48.30 -0.05 -0.53	48.53 -0.10 -0.27	43.74 -0.40 -0.25
BEEBEE_GT_13 23619	48.17 -1.85 0.00	44.18 -1.65 -0.02	41.73 -1.50 -0.34	40.80 -1.38 -0.22	39.51 -1.38 -0.36	38.91 -1.31 -0.56	43.60 -1.32 -0.78	43.29 -1.26 -1.21	43.21 -1.48 -1.05	43.48 -1.59 -0.98	47.43 -1.86 -0.22	47.95 -2.04 -0.33	48.02 -2.13 -0.50	44.85 -2.08 -0.68	46.26 -2.09 -0.80	52.12 -1.92 -0.75	53.42 -1.84 -1.13	64.68 -2.43 -1.34	55.05 -2.28 -1.62	53.27 -1.71 -1.50	51.76 -1.67 -1.25	47.85 -1.53 -1.56	47.65 -1.50 -0.79	43.54 -1.10 -0.75
BENSHRST_27_KV_BENSHRST_1 355998	53.98 3.95 -0.01	49.45 3.48 -0.16	48.91 3.17 -2.84	46.81 3.02 -1.82	46.42 2.88 -3.01	47.30 2.93 -4.71	53.90 3.27 -6.49	57.13 3.25 -10.55	56.04 3.32 -9.08	56.15 3.53 -8.54	55.82 3.83 -2.92	58.20 4.12 -4.43	60.49 4.07 -6.77	60.54 3.79 -10.49	63.75 3.76 -12.43	68.15 4.05 -10.81	74.80 4.17 -16.50	90.72 5.46 -19.49	83.87 4.57 -23.59	79.53 4.23 -21.82	74.50 4.12 -18.20	64.86 4.02 -13.03	58.95 4.01 -6.58	53.67 3.51 -6.27
BETHLEHEM___GRP 23843	51.07 1.05 0.00	47.05 1.05 -0.19	47.34 0.94 -3.51	45.18 0.97 -2.25	45.18 0.93 -3.72	46.35 0.87 -5.82	53.06 0.88 -8.03	57.21 0.82 -13.05	55.75 0.87 -11.24	55.58 0.93 -10.57	53.76 1.08 -3.61	56.12 0.99 -5.48	59.00 0.99 -8.36	60.16 0.93 -12.98	63.94 1.00 -15.38	67.78 1.12 -13.37	75.68 1.14 -20.42	91.14 1.25 -24.12	85.96 1.06 -29.19	81.56 1.07 -27.00	75.74 1.04 -22.52	64.84 0.91 -16.11	57.46 0.97 -8.13	52.47 0.83 -7.75
BETHLEHEM___GS1 323560	51.07 1.05 0.00	47.00 1.01 -0.19	47.34 0.94 -3.51	45.18 0.97 -2.25	45.18 0.93 -3.72	46.35 0.87 -5.82	53.06 0.88 -8.03	57.20 0.82 -13.05	55.75 0.87 -11.24	55.58 0.93 -10.57	53.76 1.08 -3.61	56.12 0.99 -5.48	59.00 0.99 -8.36	60.16 0.92 -12.98	63.94 1.00 -15.38	67.79 1.12 -13.37	75.68 1.14 -20.42	91.14 1.25 -24.12	85.96 1.06 -29.19	81.56 1.07 -27.00	75.74 1.04 -22.52	64.84 0.91 -16.11	57.46 0.97 -8.13	52.47 0.83 -7.75
BETHLEHEM___GS2 323561	51.07 1.05 0.00	47.00 1.01 -0.19	47.34 0.94 -3.51	45.18 0.97 -2.25	45.18 0.93 -3.72	46.35 0.87 -5.82	53.06 0.88 -8.03	57.20 0.82 -13.05	55.75 0.87 -11.24	55.58 0.93 -10.57	53.76 1.08 -3.61	56.12 0.99 -5.48	59.00 0.99 -8.36	60.16 0.92 -12.98	63.94 1.00 -15.38	67.79 1.12 -13.37	75.68 1.14 -20.42	91.14 1.25 -24.12	85.96 1.06 -29.19	81.56 1.07 -27.00	75.74 1.04 -22.52	64.84 0.91 -16.11	57.46 0.97 -8.13	52.47 0.83 -7.75
BETHLEHEM___GS3 323562	51.07 1.05 0.00	47.00 1.01 -0.19	47.34 0.94 -3.51	45.18 0.97 -2.25	45.18 0.93 -3.72	46.35 0.87 -5.82	53.06 0.88 -8.03	57.20 0.82 -13.05	55.75 0.87 -11.24	55.58 0.93 -10.57	53.76 1.08 -3.61	56.12 0.99 -5.48	59.00 0.99 -8.36	60.16 0.92 -12.98	63.94 1.00 -15.38	67.79 1.12 -13.37	75.68 1.14 -20.42	91.14 1.25 -24.12	85.96 1.06 -29.19	81.56 1.07 -27.00	75.74 1.04 -22.52	64.84 0.91 -16.11	57.46 0.97 -8.13	52.47 0.83 -7.75
BETHLEHEM___STEEL 23779	47.27 -2.75 0.00	42.90 -2.93 -0.03	40.33 -3.05 -0.48	39.38 -2.90 -0.31	38.12 -2.92 -0.51	37.64 -2.82 -0.80	42.20 -3.05 -1.11	42.20 -2.95 -1.81	41.62 -3.58 -1.56	41.62 -3.92 -1.47	44.52 -4.76 -0.20	45.18 -4.77 -0.30	45.28 -4.82 -0.45	42.44 -4.49 -0.68	43.70 -4.66 -0.80	49.02 -4.96 -0.68	50.01 -5.14 -1.03	60.80 -6.18 -1.21	51.72 -5.46 -1.46	49.87 -4.97 -1.36	48.51 -4.80 -1.13	45.73 -4.30 -2.21	45.37 -4.11 -1.12	41.97 -2.98 -1.07
BETHLHEM_115KV_TB1 79974	51.12 1.10 0.00	47.10 1.10 -0.19	47.38 0.99 -3.50	45.22 1.01 -2.24	45.22 0.97 -3.71	46.39 0.91 -5.82	53.09 0.93 -8.02	57.24 0.87 -13.04	55.79 0.92 -11.23	55.61 0.97 -10.56	53.76 1.08 -3.61	56.17 1.04 -5.48	59.04 1.04 -8.35	60.20 0.97 -12.97	63.97 1.05 -15.37	67.82 1.17 -13.36	75.72 1.19 -20.40	91.18 1.32 -24.09	85.99 1.11 -29.16	81.59 1.12 -26.98	75.77 1.10 -22.50	64.87 0.96 -16.10	57.50 1.02 -8.12	52.51 0.88 -7.75
BETHPAGE_CC_5 323564	54.91 3.85 -1.04	50.77 3.44 -1.52	50.34 3.17 -4.28	48.59 3.02 -3.59	48.29 2.92 -4.84	49.04 2.98 -6.40	54.99 3.35 -7.50	57.41 3.42 -10.65	56.46 3.45 -9.37	56.20 3.57 -8.55	56.11 3.78 -3.26	58.17 4.07 -4.45	60.34 3.92 -6.77	60.46 3.65 -10.55	63.49 3.47 -12.46	68.45 3.67 -11.49	82.88 3.73 -25.02	95.72 4.87 -25.08	88.06 4.06 -28.28	85.66 3.74 -28.43	78.80 3.65 -22.98	69.57 3.54 -18.21	60.57 3.77 -8.43	55.16 3.33 -7.94
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	47.32 -2.70 0.00	42.86 -2.98 -0.03	40.25 -3.13 -0.49	39.30 -2.98 -0.31	38.05 -3.00 -0.52	37.57 -2.89 -0.81	42.13 -3.13 -1.12	42.14 -3.03 -1.84	41.56 -3.67 -1.58	41.60 -3.97 -1.49	44.42 -4.86 -0.21	45.14 -4.82 -0.30	45.29 -4.82 -0.45	42.45 -4.49 -0.68	43.70 -4.66 -0.80	48.96 -5.01 -0.68	49.96 -5.20 -1.03	60.80 -6.18 -1.21	51.66 -5.52 -1.47	49.71 -5.13 -1.36	48.41 -4.90 -1.14	45.62 -4.45 -2.25	45.24 -4.26 -1.13	41.85 -3.12 -1.08
BINGHAMTON___COGEN 23790	49.57 -0.45 0.00	45.31 -0.55 -0.05	43.24 -0.60 -0.95	42.03 -0.55 -0.61	40.97 -0.57 -1.01	40.72 -0.52 -1.58	45.80 -0.53 -2.18	46.39 -0.52 -3.57	46.11 -0.61 -3.08	46.27 -0.71 -2.89	49.01 -0.88 -0.82	50.10 -0.79 -1.24	50.74 -0.79 -1.89	48.41 -0.79 -2.95	50.24 -0.81 -3.49	55.40 -0.91 -3.01	57.91 -0.81 -4.59	70.34 -0.86 -5.42	61.49 -0.78 -6.56	58.81 -0.75 -6.07	56.46 -0.78 -5.06	51.44 -0.77 -4.38	49.80 -0.77 -2.21	45.47 -0.53 -2.11

BIXINCNT_115KV_LOAD 355685	47.57 -2.45 0.00	42.77 -3.07 -0.03	40.02 -3.39 -0.52	38.94 -3.36 -0.33	37.76 -3.32 -0.55	37.27 -3.25 -0.87	41.81 -3.53 -1.20	41.83 -3.47 -1.97	41.06 -4.28 -1.69	41.09 -4.58 -1.59	43.58 -5.69 -0.20	44.34 -5.61 -0.30	44.38 -5.71 -0.44	41.28 -5.64 -0.67	42.55 -5.80 -0.79	47.40 -6.55 -0.67	48.58 -6.55 -1.00	59.32 -7.63 -1.18	50.29 -6.85 -1.43	47.96 -6.55 -1.32	46.76 -6.52 -1.11	44.29 -5.93 -2.40	43.91 -5.66 -1.21	40.69 -4.34 -1.15
BLACK RIVER___HYD 24047	50.32 0.30 0.00	46.09 0.28 -0.01	43.26 0.22 -0.16	42.19 0.13 -0.10	40.78 0.08 -0.17	39.80 -0.12 -0.26	44.15 -0.35 -0.36	43.26 -0.65 -0.58	43.31 -0.83 -0.50	43.84 -0.71 -0.47	48.59 -0.64 -0.16	49.20 -0.70 -0.24	49.43 -0.59 -0.37	46.37 -0.46 -0.58	48.00 -0.24 -0.68	53.57 -0.32 -0.59	54.87 -0.16 -0.91	67.11 0.26 -1.07	57.40 0.39 -1.30	55.06 0.38 -1.20	53.75 0.57 -1.00	48.96 0.43 -0.72	49.01 0.29 -0.36	44.10 -0.13 -0.34
BLACKRVR_115KV_TB2 79977	50.42 0.40 0.00	46.09 0.27 -0.01	43.26 0.21 -0.16	42.19 0.13 -0.10	40.78 0.08 -0.17	39.80 -0.12 -0.26	44.15 -0.35 -0.36	43.26 -0.65 -0.58	43.31 -0.83 -0.50	43.84 -0.71 -0.47	48.64 -0.59 -0.16	49.20 -0.70 -0.24	49.42 -0.60 -0.37	46.37 -0.46 -0.58	48.00 -0.24 -0.68	53.57 -0.32 -0.59	54.87 -0.16 -0.91	67.11 0.26 -1.07	57.40 0.39 -1.30	55.06 0.37 -1.20	53.75 0.57 -1.00	48.97 0.43 -0.72	49.01 0.29 -0.36	44.10 -0.13 -0.34
BLDWN_LI_69_KV_BK4 356085	56.38 3.80 -2.56	52.76 3.44 -3.51	52.40 3.13 -6.38	51.18 3.02 -6.19	50.96 2.92 -7.51	51.47 2.93 -8.88	56.41 3.31 -8.96	57.50 3.38 -10.79	56.82 3.40 -9.77	56.21 3.57 -8.56	56.60 3.78 -3.76	58.13 4.02 -4.46	60.36 3.92 -6.79	60.53 3.65 -10.62	63.65 3.57 -12.53	69.57 3.78 -12.50	95.38 3.73 -37.52	103.92 4.87 -33.28	94.95 4.07 -35.17	95.40 3.80 -38.11	85.97 3.81 -29.99	77.29 3.63 -25.83	63.24 3.72 -11.15	57.59 3.34 -10.37
BLISS_WT_PWR 323608	47.67 -2.35 0.00	42.35 -3.48 -0.03	40.02 -3.39 -0.52	38.90 -3.40 -0.33	37.68 -3.40 -0.55	37.23 -3.29 -0.87	41.72 -3.62 -1.20	41.71 -3.60 -1.97	40.93 -4.41 -1.69	40.91 -4.76 -1.59	43.43 -5.84 -0.20	44.19 -5.76 -0.30	44.13 -5.96 -0.44	40.89 -6.01 -0.64	42.18 -6.13 -0.76	47.03 -6.93 -0.67	48.31 -6.82 -1.00	58.66 -8.29 -1.18	49.90 -7.24 -1.43	47.48 -7.33 -1.32	46.34 -6.94 -1.11	43.86 -6.36 -2.40	43.57 -6.00 -1.21	40.39 -4.65 -1.15
BLUESTONE___WT_PWR 323821	52.12 2.10 0.00	47.56 1.70 -0.06	45.42 1.50 -1.03	44.09 1.47 -0.66	43.00 1.38 -1.09	42.75 1.39 -1.71	48.04 1.54 -2.35	48.39 1.21 -3.84	48.17 1.22 -3.31	48.69 1.50 -3.11	51.69 1.47 -1.15	53.09 1.69 -1.75	54.11 1.78 -2.68	52.03 1.57 -4.20	54.20 1.66 -4.98	59.37 1.76 -4.33	62.63 1.89 -6.61	76.80 3.22 -7.81	67.78 2.62 -9.45	64.69 2.46 -8.74	61.76 2.29 -7.29	53.78 1.24 -4.72	51.85 1.11 -2.38	47.03 0.88 -2.27
BLUE_CIRC_CHEM_DRP 24182	51.57 1.55 0.00	47.51 1.51 -0.19	47.68 1.33 -3.46	45.53 1.34 -2.22	45.49 1.30 -3.66	46.67 1.27 -5.74	53.43 1.37 -7.92	57.46 1.26 -12.87	56.04 1.31 -11.08	55.78 1.28 -10.42	54.06 1.42 -3.56	56.40 1.34 -5.41	59.23 1.34 -8.24	60.31 1.25 -12.81	64.11 1.38 -15.17	68.08 1.60 -13.19	75.89 1.62 -20.14	91.47 1.91 -23.79	86.06 1.56 -28.79	81.67 1.55 -26.63	75.96 1.57 -22.22	65.10 1.39 -15.89	57.83 1.45 -8.02	52.81 1.27 -7.65
BOC_GAS_DRP 24189	51.12 1.10 0.00	47.05 1.05 -0.19	47.36 0.99 -3.49	45.16 0.97 -2.23	45.16 0.93 -3.69	46.35 0.91 -5.79	53.09 0.97 -7.98	57.21 0.91 -12.97	55.77 0.96 -11.17	55.55 0.97 -10.50	53.74 1.08 -3.59	56.19 1.09 -5.45	59.05 1.09 -8.30	60.17 1.02 -12.90	63.89 1.05 -15.29	67.75 1.17 -13.29	75.55 1.14 -20.29	91.12 1.38 -23.96	85.89 1.17 -29.00	81.44 1.12 -26.83	75.70 1.15 -22.38	64.88 1.05 -16.01	57.50 1.06 -8.08	52.56 0.97 -7.71
BOONVILLE_115KV_TB1 79983	50.97 0.95 0.00	46.64 0.82 -0.01	43.76 0.77 -0.10	42.70 0.67 -0.06	41.28 0.65 -0.10	40.29 0.48 -0.16	44.81 0.44 -0.22	43.95 0.26 -0.36	44.17 0.22 -0.31	44.72 0.35 -0.29	49.66 0.49 -0.10	50.30 0.50 -0.15	50.43 0.55 -0.23	47.21 0.60 -0.36	48.69 0.71 -0.42	54.35 0.69 -0.37	55.39 0.70 -0.56	67.42 0.99 -0.66	57.30 0.78 -0.80	54.93 0.70 -0.74	53.63 0.83 -0.62	48.93 0.67 -0.44	49.21 0.63 -0.22	44.49 0.39 -0.21
BORALEX_4TH_BRANCH 23824	52.67 2.65 0.00	48.47 2.47 -0.19	48.62 2.19 -3.55	46.46 2.22 -2.27	46.44 2.15 -3.76	47.65 2.10 -5.89	54.60 2.34 -8.12	58.82 2.30 -13.19	57.41 2.40 -11.36	57.19 2.42 -10.69	55.42 2.70 -3.65	57.72 2.53 -5.54	60.78 2.68 -8.45	61.79 2.41 -13.13	65.59 2.47 -15.56	69.74 2.93 -13.52	77.75 2.98 -20.64	93.71 3.55 -24.39	88.18 2.95 -29.51	83.68 2.89 -27.30	77.66 2.71 -22.78	66.45 2.34 -16.29	59.00 2.42 -8.22	54.05 2.33 -7.84
BOWLINE___1 23526	52.57 2.55 0.00	48.20 2.24 -0.15	47.70 2.06 -2.75	45.66 1.93 -1.76	45.31 1.87 -2.92	46.17 1.94 -4.57	52.65 2.21 -6.30	55.83 2.25 -10.24	54.78 2.31 -8.82	54.76 2.38 -8.30	54.45 2.55 -2.83	56.68 2.73 -4.30	58.89 2.68 -6.56	58.94 2.50 -10.19	62.10 2.47 -12.07	66.45 2.66 -10.49	72.96 2.81 -16.02	88.38 3.68 -18.93	81.68 3.06 -22.91	77.51 2.73 -21.19	72.56 2.71 -17.68	63.09 2.63 -12.64	57.35 2.61 -6.38	52.29 2.32 -6.09
BOWLINE___2 23595	52.57 2.55 0.00	48.20 2.24 -0.15	47.66 2.02 -2.75	45.66 1.93 -1.76	45.31 1.87 -2.92	46.17 1.94 -4.57	52.65 2.21 -6.30	55.78 2.21 -10.24	54.78 2.31 -8.82	54.76 2.38 -8.30	54.45 2.55 -2.83	56.68 2.73 -4.30	58.89 2.68 -6.56	58.94 2.50 -10.19	62.10 2.47 -12.07	66.45 2.66 -10.49	72.91 2.76 -16.02	88.38 3.68 -18.93	81.62 3.01 -22.90	77.51 2.83 -21.19	72.56 2.71 -17.68	63.04 2.58 -12.64	57.35 2.61 -6.38	52.29 2.32 -6.09
BRADY___115KV_TB2 356060	51.02 1.00 0.00	46.72 0.92 0.00	43.79 0.90 0.00	42.51 0.55 0.00	41.10 0.57 0.00	39.74 0.08 0.00	44.23 0.09 0.00	43.25 -0.09 0.00	43.43 -0.22 0.00	44.08 0.00 0.00	50.05 0.98 0.00	50.05 0.40 0.00	50.00 0.35 0.00	47.27 1.02 0.00	48.94 1.38 0.00	53.72 0.43 0.00	54.18 0.05 0.00	65.77 0.00 0.00	55.94 0.22 0.00	53.70 0.21 0.00	52.70 0.52 0.00	48.68 0.86 0.00	49.38 1.02 0.00	44.50 0.61 0.00
BRANSCOMB___SOLAR 323811	52.82 2.80 0.00	48.71 2.70 -0.20	48.96 2.44 -3.63	46.68 2.39 -2.32	46.76 2.39 -3.84	48.06 2.38 -6.02	55.09 2.65 -8.30	59.47 2.64 -13.49	58.01 2.75 -11.62	57.79 2.78 -10.93	55.95 3.14 -3.73	58.30 2.98 -5.67	61.22 2.93 -8.64	62.31 2.64 -13.42	66.31 2.85 -15.90	70.48 3.36 -13.83	78.65 3.41 -21.11	94.72 4.01 -24.94	89.23 3.34 -30.18	84.72 3.32 -27.92	78.70 3.24 -23.29	67.30 2.82 -16.66	59.72 2.95 -8.41	54.40 2.50 -8.02
BRDGHMPT_69_KV_BK1 55812	55.27 4.95 -0.30	50.89 4.54 -0.55	50.43 4.29 -3.25	48.57 4.28 -2.33	48.23 4.17 -3.53	49.17 4.32 -5.19	55.91 4.99 -6.78	58.86 4.94 -10.58	57.83 5.02 -9.17	57.42 4.80 -8.54	57.34 5.25 -3.02	59.45 5.36 -4.44	61.58 5.16 -6.77	61.54 4.76 -10.52	64.66 4.66 -12.44	68.92 4.64 -11.00	78.18 5.14 -18.91	93.03 6.18 -21.07	85.81 5.18 -24.92	81.51 4.33 -23.69	75.64 3.91 -19.55	66.28 3.97 -14.49	59.67 4.21 -7.11	54.49 3.86 -6.75

BRENTWOD_69_KV_W. BRTWOOD 56703	54.24 3.80 -0.42	49.90 3.39 -0.70	49.44 3.13 -3.42	47.52 3.02 -2.53	47.15 2.88 -3.74	48.02 2.97 -5.39	54.44 3.40 -6.89	57.35 3.42 -10.59	56.29 3.45 -9.20	56.68 4.06 -8.54	55.81 3.68 -3.06	58.66 4.57 -4.44	60.89 4.47 -6.77	60.39 3.61 -10.52	64.04 4.04 -12.44	67.88 3.52 -11.07	77.75 3.73 -19.89	92.22 4.74 -21.71	85.18 4.01 -25.45	81.63 3.69 -24.45	75.77 3.50 -20.10	66.35 3.44 -15.09	59.45 3.77 -7.32	54.16 3.34 -6.94
BRISTLHL_115KV_TB1 79998	48.37 -1.65 0.00	44.31 -1.51 -0.01	41.71 -1.42 -0.24	40.78 -1.34 -0.15	39.48 -1.30 -0.25	38.78 -1.27 -0.39	43.27 -1.41 -0.54	42.82 -1.39 -0.87	43.00 -1.40 -0.75	43.33 -1.45 -0.71	47.74 -1.57 -0.24	48.43 -1.59 -0.37	48.62 -1.59 -0.56	45.60 -1.53 -0.87	47.02 -1.57 -1.03	52.54 -1.65 -0.90	53.88 -1.62 -1.37	65.42 -1.97 -1.62	56.06 -1.62 -1.96	53.75 -1.55 -1.81	52.12 -1.57 -1.51	47.42 -1.48 -1.08	47.36 -1.55 -0.55	43.05 -1.36 -0.52
BROOKHAVEN___DRP 24191	54.52 4.20 -0.30	50.11 3.76 -0.54	49.61 3.47 -3.25	47.69 3.40 -2.32	47.34 3.28 -3.52	48.26 3.41 -5.19	54.81 3.88 -6.78	57.82 3.90 -10.58	56.74 3.93 -9.17	56.45 3.84 -8.54	56.21 4.12 -3.02	58.41 4.32 -4.44	60.59 4.17 -6.77	60.66 3.89 -10.52	63.75 3.76 -12.44	67.96 3.68 -10.99	77.08 4.06 -18.89	91.83 5.00 -21.06	84.91 4.29 -24.90	80.85 3.69 -23.68	75.16 3.44 -19.54	65.83 3.54 -14.48	59.28 3.82 -7.10	54.05 3.42 -6.74
BROOKLYN_NAVY_YARD 23515	53.12 3.10 0.00	48.62 2.66 -0.15	48.12 2.40 -2.83	46.09 2.31 -1.82	45.72 2.19 -3.00	46.66 2.30 -4.71	53.28 2.65 -6.49	56.57 2.69 -10.55	55.52 2.80 -9.08	55.49 2.86 -8.54	55.13 3.14 -2.92	57.47 3.38 -4.44	59.69 3.28 -6.77	59.80 3.05 -10.50	62.98 3.00 -12.43	67.35 3.25 -10.81	74.04 3.41 -16.50	89.73 4.47 -19.49	83.03 3.73 -23.58	78.78 3.47 -21.82	73.72 3.34 -18.20	63.99 3.16 -13.02	58.12 3.19 -6.57	52.87 2.72 -6.27
BROOKLYN___ARMY_DRP 323595	53.78 3.75 -0.01	49.27 3.30 -0.16	48.78 3.05 -2.84	46.69 2.90 -1.82	46.30 2.76 -3.01	47.18 2.82 -4.71	53.72 3.09 -6.49	57.00 3.12 -10.55	55.91 3.19 -9.08	55.97 3.35 -8.54	55.62 3.63 -2.92	58.00 3.92 -4.43	60.29 3.87 -6.77	60.36 3.61 -10.49	63.56 3.57 -12.43	67.94 3.84 -10.81	74.58 3.95 -16.50	90.39 5.13 -19.49	83.59 4.29 -23.59	79.32 4.01 -21.82	74.24 3.86 -18.20	64.63 3.78 -13.03	58.76 3.82 -6.58	53.54 3.38 -6.27
BROOME_2_LFGE 323671	49.62 -0.40 0.00	45.22 -0.64 -0.05	43.24 -0.60 -0.95	42.03 -0.55 -0.61	40.97 -0.57 -1.01	40.72 -0.52 -1.58	45.80 -0.53 -2.18	46.39 -0.52 -3.57	46.11 -0.61 -3.08	46.27 -0.71 -2.89	49.01 -0.88 -0.82	50.09 -0.80 -1.24	50.74 -0.80 -1.89	48.39 -0.79 -2.92	50.21 -0.81 -3.46	55.40 -0.91 -3.01	57.91 -0.81 -4.59	70.34 -0.86 -5.42	61.49 -0.78 -6.56	58.81 -0.75 -6.07	56.46 -0.78 -5.06	51.43 -0.77 -4.38	49.80 -0.78 -2.21	45.47 -0.52 -2.11
BROOME___LFGE 323600	49.62 -0.40 0.00	45.22 -0.64 -0.05	43.24 -0.60 -0.95	42.03 -0.55 -0.61	40.97 -0.57 -1.01	40.72 -0.52 -1.58	45.80 -0.53 -2.18	46.39 -0.52 -3.57	46.11 -0.61 -3.08	46.27 -0.71 -2.89	49.01 -0.88 -0.82	50.09 -0.80 -1.24	50.74 -0.80 -1.89	48.39 -0.79 -2.92	50.21 -0.81 -3.46	55.40 -0.91 -3.01	57.91 -0.81 -4.59	70.34 -0.86 -5.42	61.49 -0.78 -6.56	58.81 -0.75 -6.07	56.46 -0.78 -5.06	51.43 -0.77 -4.38	49.80 -0.78 -2.21	45.47 -0.52 -2.11
BROWNFLS_115KV_TB_3_5 80003	50.17 0.15 0.00	45.90 0.09 0.00	43.10 0.13 -0.09	41.90 -0.13 -0.05	40.54 -0.08 -0.09	39.24 -0.56 -0.14	43.33 -1.02 -0.20	42.48 -1.17 -0.32	42.65 -1.27 -0.27	43.28 -1.06 -0.26	48.81 -0.34 -0.09	49.09 -0.70 -0.13	49.16 -0.70 -0.20	46.34 -0.23 -0.32	47.93 0.00 -0.37	52.98 -0.64 -0.33	53.44 -1.19 -0.50	64.91 -1.45 -0.59	55.31 -1.11 -0.71	53.02 -1.12 -0.66	52.20 -0.52 -0.55	47.97 -0.24 -0.39	48.41 -0.15 -0.20	43.68 -0.39 -0.19
BROWNSV1_27_KV_LOAD 356125	53.52 3.50 0.00	49.03 3.07 -0.15	48.51 2.79 -2.83	46.43 2.64 -1.82	46.09 2.55 -3.00	46.98 2.62 -4.71	53.63 3.00 -6.49	56.96 3.08 -10.55	55.87 3.14 -9.08	55.93 3.31 -8.54	55.57 3.58 -2.92	57.90 3.82 -4.43	60.19 3.77 -6.77	60.26 3.52 -10.49	63.46 3.47 -12.43	67.88 3.78 -10.81	74.52 3.90 -16.50	90.32 5.06 -19.49	83.53 4.23 -23.58	79.27 3.96 -21.82	74.18 3.81 -18.20	64.52 3.68 -13.02	58.51 3.58 -6.57	53.27 3.12 -6.27
BURROWS___LYONSDAL 23803	50.82 0.80 0.00	46.50 0.69 -0.01	43.63 0.64 -0.10	42.58 0.55 -0.06	41.16 0.53 -0.11	40.10 0.28 -0.17	44.51 0.13 -0.23	43.66 -0.04 -0.37	43.88 -0.09 -0.32	44.43 0.04 -0.30	49.37 0.20 -0.10	49.96 0.15 -0.16	50.14 0.25 -0.24	46.95 0.32 -0.37	48.42 0.43 -0.44	54.05 0.37 -0.38	55.04 0.32 -0.58	66.99 0.53 -0.69	56.94 0.39 -0.83	54.63 0.37 -0.77	53.34 0.52 -0.64	48.71 0.43 -0.46	48.98 0.39 -0.23	44.19 0.09 -0.22
CAITHNESS_CC_1 323624	54.42 4.10 -0.30	49.97 3.62 -0.54	49.48 3.35 -3.24	47.56 3.28 -2.32	47.21 3.16 -3.52	48.09 3.25 -5.19	54.63 3.71 -6.78	57.64 3.73 -10.58	56.57 3.75 -9.17	56.32 3.70 -8.54	56.06 3.97 -3.02	58.26 4.17 -4.44	60.44 4.02 -6.77	60.51 3.74 -10.51	63.60 3.61 -12.43	67.91 3.63 -10.99	76.84 3.84 -18.87	91.55 4.74 -21.04	84.67 4.06 -24.89	80.68 3.53 -23.66	74.99 3.29 -19.53	65.58 3.30 -14.46	59.18 3.72 -7.10	53.96 3.33 -6.74
CALPINE BETH_PAGE_GT4 24209	54.99 3.70 -1.27	50.98 3.34 -1.82	50.53 3.05 -4.60	48.89 2.94 -3.99	48.61 2.84 -5.24	49.33 2.89 -6.78	55.13 3.27 -7.72	57.30 3.29 -10.67	56.43 3.36 -9.43	56.07 3.44 -8.55	56.09 3.68 -3.34	58.02 3.92 -4.45	60.25 3.82 -6.78	60.38 3.56 -10.56	63.36 3.33 -12.48	68.40 3.46 -11.64	84.62 3.57 -26.92	96.70 4.60 -26.33	88.89 3.84 -29.33	86.97 3.58 -29.90	79.71 3.50 -24.04	70.54 3.35 -19.37	60.88 3.68 -8.85	55.44 3.25 -8.31
CALPINE_BETH_PAGE_GT_4 323586	55.05 3.75 -1.27	50.97 3.34 -1.82	50.58 3.09 -4.60	48.89 2.94 -3.99	48.61 2.84 -5.24	49.33 2.89 -6.78	55.13 3.27 -7.72	57.30 3.29 -10.67	56.44 3.36 -9.43	56.11 3.48 -8.55	56.09 3.68 -3.34	58.02 3.92 -4.45	60.25 3.82 -6.78	60.38 3.56 -10.56	63.36 3.33 -12.47	68.40 3.46 -11.64	84.62 3.57 -26.92	96.70 4.60 -26.33	88.88 3.84 -29.33	86.97 3.58 -29.90	79.71 3.50 -24.04	70.54 3.35 -19.37	60.88 3.67 -8.85	55.44 3.25 -8.31
CALPINE_BP_GT1 23823	55.05 3.75 -1.27	50.97 3.34 -1.82	50.58 3.09 -4.60	48.89 2.94 -3.99	48.61 2.84 -5.24	49.33 2.89 -6.78	55.13 3.27 -7.72	57.30 3.29 -10.67	56.44 3.36 -9.43	56.11 3.48 -8.55	56.09 3.68 -3.34	58.02 3.92 -4.45	60.25 3.82 -6.78	60.38 3.56 -10.56	63.36 3.33 -12.47	68.40 3.46 -11.64	84.62 3.57 -26.92	96.70 4.60 -26.33	88.88 3.84 -29.33	86.97 3.58 -29.90	79.71 3.50 -24.04	70.54 3.35 -19.37	60.88 3.67 -8.85	55.44 3.25 -8.31
CALSPAN___DRP 24200	47.27 -2.75 0.00	42.90 -2.93 -0.03	40.33 -3.05 -0.48	39.38 -2.90 -0.31	38.12 -2.92 -0.51	37.64 -2.82 -0.80	42.20 -3.05 -1.11	42.20 -2.95 -1.81	41.62 -3.58 -1.56	41.62 -3.92 -1.47	44.52 -4.76 -0.20	45.18 -4.77 -0.30	45.28 -4.82 -0.45	42.44 -4.49 -0.68	43.70 -4.66 -0.80	49.02 -4.96 -0.68	50.01 -5.14 -1.03	60.80 -6.18 -1.21	51.72 -5.46 -1.46	49.87 -4.97 -1.36	48.51 -4.80 -1.13	45.73 -4.30 -2.21	45.37 -4.11 -1.12	41.97 -2.98 -1.07

CALVERTON___SOLAR 323806	54.77 4.45 -0.30	50.29 3.94 -0.54	49.78 3.64 -3.25	47.86 3.57 -2.32	47.50 3.44 -3.53	48.42 3.57 -5.19	55.03 4.11 -6.78	57.99 4.07 -10.58	56.92 4.10 -9.17	56.63 4.01 -8.54	56.41 4.32 -3.02	58.56 4.47 -4.44	60.73 4.32 -6.77	60.79 4.02 -10.51	63.94 3.95 -12.43	68.23 3.94 -10.99	77.30 4.28 -18.90	92.16 5.33 -21.06	85.13 4.51 -24.91	81.02 3.85 -23.68	75.27 3.55 -19.55	65.84 3.54 -14.48	59.43 3.97 -7.10	54.14 3.51 -6.74
CANDIGU_WT_PWR 323617	48.37 -1.65 0.00	43.78 -2.06 -0.04	41.54 -2.02 -0.67	40.47 -1.93 -0.43	39.29 -1.94 -0.71	38.86 -1.90 -1.11	43.60 -2.07 -1.53	43.84 -2.08 -2.59	43.34 -2.53 -2.23	43.23 -2.95 -2.10	45.57 -3.63 -0.13	46.15 -3.67 -0.17	46.17 -3.72 -0.24	42.99 -3.61 -0.35	44.20 -3.76 -0.40	49.60 -4.05 -0.36	50.76 -3.90 -0.53	61.65 -4.74 -0.62	52.44 -4.01 -0.74	50.38 -3.80 -0.69	49.00 -3.76 -0.58	47.44 -3.44 -3.07	46.52 -3.39 -1.55	42.77 -2.59 -1.48
CARR STREET_E_SYR 24060	48.87 -1.15 0.00	44.72 -1.10 -0.02	42.10 -1.07 -0.28	41.14 -1.01 -0.18	39.85 -0.97 -0.30	39.21 -0.91 -0.46	43.81 -0.97 -0.64	43.37 -0.99 -1.04	43.53 -1.00 -0.89	43.86 -1.06 -0.84	48.18 -1.18 -0.29	48.95 -1.14 -0.44	49.17 -1.14 -0.66	46.18 -1.11 -1.03	47.64 -1.14 -1.22	53.18 -1.17 -1.06	54.61 -1.14 -1.62	66.31 -1.38 -1.92	56.86 -1.17 -2.32	54.51 -1.13 -2.15	52.87 -1.10 -1.79	48.05 -1.05 -1.28	47.90 -1.11 -0.65	43.54 -0.97 -0.62
CARTHAGE___PAPER 23857	50.32 0.30 0.00	46.14 0.32 -0.01	43.33 0.30 -0.14	42.23 0.17 -0.09	40.80 0.12 -0.15	39.73 -0.16 -0.23	43.98 -0.48 -0.32	43.16 -0.70 -0.52	43.22 -0.87 -0.45	43.71 -0.79 -0.42	48.63 -0.59 -0.14	49.12 -0.74 -0.22	49.34 -0.65 -0.33	46.35 -0.42 -0.52	47.98 -0.19 -0.61	53.45 -0.37 -0.53	54.57 -0.38 -0.81	66.60 -0.13 -0.96	56.88 0.00 -1.16	54.56 0.00 -1.08	53.39 0.31 -0.90	48.70 0.24 -0.64	48.83 0.15 -0.32	43.98 -0.22 -0.31
CASSADAGA_WT_PWR 323784	47.77 -2.25 0.00	42.90 -2.93 -0.03	40.40 -3.00 -0.51	39.36 -2.94 -0.33	38.04 -3.04 -0.54	37.49 -3.02 -0.85	41.83 -3.49 -1.18	41.72 -3.55 -1.94	41.21 -4.10 -1.67	41.15 -4.50 -1.57	43.63 -5.64 -0.20	44.23 -5.71 -0.29	44.23 -5.86 -0.43	41.20 -5.69 -0.63	42.36 -5.95 -0.75	47.50 -6.45 -0.65	48.56 -6.55 -0.99	60.68 -6.25 -1.16	50.54 -6.57 -1.40	48.64 -6.15 -1.30	47.42 -5.84 -1.09	44.87 -5.31 -2.36	44.47 -5.08 -1.19	41.25 -3.77 -1.14
CE_DUNWOOD___DRP 24194	52.87 2.85 0.00	48.48 2.52 -0.15	48.03 2.32 -2.83	45.96 2.18 -1.81	45.64 2.11 -3.00	46.53 2.18 -4.70	53.09 2.47 -6.47	56.37 2.51 -10.52	55.28 2.57 -9.06	55.25 2.64 -8.52	54.83 2.85 -2.91	57.15 3.08 -4.42	59.42 3.03 -6.74	59.55 2.82 -10.47	62.77 2.81 -12.41	67.06 2.98 -10.78	73.73 3.14 -16.46	89.30 4.08 -19.45	82.65 3.40 -23.53	78.42 3.16 -21.77	73.36 3.03 -18.16	63.73 2.92 -12.99	57.82 2.90 -6.56	52.73 2.59 -6.25
CE_MILLWOOD___DRP 24193	52.77 2.75 0.00	48.39 2.43 -0.15	47.94 2.23 -2.82	45.91 2.14 -1.80	45.54 2.03 -2.98	46.44 2.10 -4.68	52.98 2.38 -6.45	56.24 2.43 -10.48	55.16 2.49 -9.03	55.13 2.56 -8.49	54.72 2.75 -2.90	57.03 2.98 -4.40	59.29 2.93 -6.71	59.42 2.73 -10.43	62.63 2.71 -12.36	66.91 2.88 -10.74	73.56 3.03 -16.40	89.09 3.95 -19.37	82.45 3.29 -23.45	78.23 3.05 -21.69	73.19 2.92 -18.09	63.58 2.82 -12.94	57.70 2.80 -6.53	52.62 2.50 -6.23
CE_NYC2_DRP 24202	53.42 3.40 0.00	48.94 2.98 -0.15	48.47 2.74 -2.83	46.38 2.60 -1.82	46.01 2.47 -3.00	46.94 2.58 -4.71	53.50 2.87 -6.49	56.83 2.95 -10.55	55.74 3.01 -9.08	55.80 3.17 -8.54	55.42 3.43 -2.92	57.75 3.67 -4.43	59.99 3.57 -6.77	60.13 3.38 -10.49	63.32 3.33 -12.43	67.62 3.52 -10.81	74.25 3.63 -16.50	90.00 4.74 -19.49	83.20 3.90 -23.59	78.95 3.64 -21.82	73.87 3.50 -18.20	64.28 3.44 -13.02	58.41 3.48 -6.57	53.22 3.07 -6.27
CE_NYC_DRP 24195	53.17 3.15 0.00	48.76 2.79 -0.15	48.25 2.53 -2.83	46.17 2.39 -1.81	45.84 2.31 -3.00	46.74 2.38 -4.71	53.37 2.74 -6.49	56.70 2.82 -10.55	55.61 2.88 -9.08	55.62 3.00 -8.54	55.23 3.24 -2.92	57.60 3.53 -4.43	59.84 3.43 -6.77	59.94 3.19 -10.49	63.13 3.14 -12.43	67.51 3.41 -10.81	74.14 3.52 -16.50	89.86 4.60 -19.49	83.14 3.84 -23.58	78.84 3.53 -21.82	73.82 3.44 -18.20	64.09 3.25 -13.02	58.22 3.29 -6.57	53.00 2.85 -6.27
CHAFFEE___LFGE 323603	47.37 -2.65 0.00	42.68 -3.16 -0.03	40.26 -3.13 -0.50	39.31 -2.98 -0.32	38.11 -2.96 -0.53	37.63 -2.86 -0.83	42.25 -3.05 -1.15	42.19 -3.03 -1.89	41.69 -3.58 -1.63	41.69 -3.92 -1.53	44.56 -4.71 -0.20	45.23 -4.72 -0.30	45.38 -4.72 -0.45	42.51 -4.40 -0.65	43.76 -4.57 -0.77	49.11 -4.85 -0.67	50.05 -5.09 -1.01	60.72 -6.25 -1.19	51.81 -5.35 -1.44	49.91 -4.92 -1.34	48.54 -4.75 -1.12	45.82 -4.30 -2.30	45.41 -4.11 -1.16	41.97 -3.03 -1.11
CHATEAUG_35_KV_LOAD 355732	50.22 0.20 0.00	45.99 0.18 0.00	43.15 0.26 0.00	41.93 -0.04 0.00	40.53 0.00 0.00	39.26 -0.40 0.00	43.79 -0.35 0.00	42.99 -0.35 0.00	43.25 -0.39 0.00	43.99 -0.09 0.00	49.95 0.88 0.00	49.90 0.25 0.00	49.90 0.25 0.00	47.13 0.88 0.00	48.70 1.14 0.00	53.45 0.16 0.00	53.91 -0.22 0.00	65.31 -0.46 0.00	55.49 -0.22 0.00	53.22 -0.27 0.00	52.07 -0.10 0.00	48.06 0.24 0.00	48.60 0.24 0.00	43.80 -0.09 0.00
CHATEAUG_WT_PWR 323614	49.52 -0.50 0.00	45.90 0.09 0.00	43.06 0.17 0.00	41.84 -0.13 0.00	40.45 -0.08 0.00	39.22 -0.44 0.00	43.75 -0.40 0.00	43.03 -0.30 0.00	43.16 -0.48 0.00	43.95 -0.13 0.00	49.71 0.64 0.00	49.75 0.10 0.00	49.80 0.15 0.00	47.09 0.83 0.00	48.65 1.09 0.00	53.40 0.11 0.00	53.81 -0.32 0.00	65.18 -0.59 0.00	55.33 -0.39 0.00	53.06 -0.43 0.00	51.91 -0.26 0.00	47.92 0.10 0.00	48.51 0.15 0.00	43.71 -0.17 0.00
CHAT_HIGH_FALL_HYD 323578	50.22 0.20 0.00	45.99 0.18 0.00	43.15 0.26 0.00	41.93 -0.04 0.00	40.53 0.00 0.00	39.26 -0.40 0.00	43.79 -0.35 0.00	42.99 -0.35 0.00	43.25 -0.39 0.00	43.99 -0.09 0.00	49.95 0.88 0.00	49.90 0.25 0.00	49.90 0.25 0.00	47.13 0.88 0.00	48.70 1.14 0.00	53.45 0.16 0.00	53.91 -0.22 0.00	65.31 -0.46 0.00	55.49 -0.22 0.00	53.22 -0.27 0.00	52.07 -0.10 0.00	48.06 0.24 0.00	48.60 0.24 0.00	43.80 -0.09 0.00
CHAUTAUQUA___LFGE 323629	47.57 -2.45 0.00	42.95 -2.88 -0.03	40.52 -2.87 -0.50	39.52 -2.77 -0.32	38.27 -2.80 -0.53	37.75 -2.74 -0.83	42.25 -3.05 -1.15	42.19 -3.03 -1.89	41.69 -3.58 -1.62	41.68 -3.92 -1.53	44.42 -4.86 -0.20	44.98 -4.96 -0.30	45.08 -5.01 -0.45	42.09 -4.81 -0.65	43.33 -4.99 -0.77	48.69 -5.28 -0.67	49.73 -5.41 -1.02	60.92 -6.05 -1.20	51.59 -5.57 -1.44	49.74 -5.08 -1.34	48.44 -4.85 -1.12	45.68 -4.45 -2.30	45.31 -4.21 -1.16	41.97 -3.03 -1.11
CHERRYST_13_KV_LD 356241	53.32 3.30 0.00	48.85 2.89 -0.15	48.34 2.62 -2.83	46.30 2.52 -1.81	45.93 2.39 -3.00	46.86 2.50 -4.71	53.46 2.83 -6.49	56.78 2.90 -10.55	55.74 3.01 -9.08	55.75 3.13 -8.54	55.37 3.39 -2.92	57.75 3.67 -4.43	59.99 3.57 -6.77	60.08 3.33 -10.49	63.27 3.28 -12.43	67.61 3.52 -10.81	74.31 3.68 -16.50	90.06 4.80 -19.49	83.25 3.96 -23.58	79.00 3.69 -21.82	73.92 3.55 -18.20	64.23 3.40 -13.02	58.32 3.39 -6.57	53.09 2.94 -6.27

CHESTROR_138KV_BK263 355645	52.32 2.30 0.00	47.97 2.02 -0.14	47.42 1.89 -2.64	45.46 1.80 -1.69	45.03 1.70 -2.80	45.78 1.74 -4.38	52.22 2.03 -6.04	55.20 2.04 -9.82	54.20 2.09 -8.46	54.16 2.12 -7.96	54.05 2.26 -2.72	56.21 2.43 -4.13	58.32 2.38 -6.29	58.30 2.27 -9.78	61.38 2.24 -11.58	65.81 2.45 -10.07	72.04 2.54 -15.37	87.28 3.35 -18.15	80.47 2.79 -21.97	76.44 2.62 -20.33	71.63 2.50 -16.96	62.34 2.39 -12.13	56.85 2.37 -6.12	51.83 2.11 -5.84
CH_MIDHUDSON___DRP 24192	52.67 2.65 0.00	48.30 2.34 -0.16	47.93 2.14 -2.89	45.88 2.06 -1.85	45.54 1.95 -3.07	46.44 1.98 -4.80	53.06 2.30 -6.62	56.40 2.30 -10.77	55.27 2.36 -9.27	55.23 2.42 -8.72	54.70 2.65 -2.98	57.00 2.83 -4.52	59.32 2.78 -6.89	59.56 2.59 -10.71	62.87 2.62 -12.69	67.15 2.82 -11.03	73.95 2.98 -16.84	89.48 3.81 -19.90	82.97 3.18 -24.08	78.76 3.00 -22.28	73.62 2.87 -18.58	63.79 2.68 -13.29	57.78 2.71 -6.71	52.65 2.37 -6.40
CH_MISC_IPPS 23765	53.02 3.00 0.00	48.57 2.61 -0.15	48.17 2.44 -2.84	46.09 2.31 -1.82	45.73 2.19 -3.01	46.59 2.22 -4.71	53.20 2.56 -6.50	56.45 2.56 -10.56	55.36 2.62 -9.10	55.33 2.69 -8.56	54.94 2.94 -2.92	57.22 3.13 -4.44	59.49 3.08 -6.76	59.63 2.87 -10.51	62.91 2.90 -12.45	67.31 3.20 -10.82	74.01 3.36 -16.53	89.63 4.34 -19.52	82.91 3.57 -23.62	78.71 3.37 -21.85	73.64 3.24 -18.23	63.88 3.01 -13.04	57.94 3.00 -6.58	52.79 2.63 -6.28
CH_RES_BVR_FALLS 23983	49.87 -0.15 0.00	45.76 -0.05 0.00	42.85 -0.04 0.00	41.88 -0.08 0.00	40.45 -0.08 0.00	39.50 -0.16 0.00	43.97 -0.18 0.00	43.20 -0.13 0.00	43.47 -0.17 0.00	43.99 -0.09 0.00	49.12 0.05 0.00	49.60 -0.05 0.00	49.60 -0.05 0.00	46.35 0.09 0.00	47.70 0.14 0.00	53.24 -0.05 0.00	53.97 -0.16 0.00	65.51 -0.26 0.00	55.49 -0.22 0.00	53.28 -0.21 0.00	52.02 -0.16 0.00	47.77 -0.05 0.00	48.31 -0.05 0.00	43.80 -0.09 0.00
CH_RES_NIAGARA 23895	45.57 -4.45 0.00	42.49 -3.34 -0.02	40.15 -3.17 -0.44	39.23 -3.02 -0.28	38.04 -2.96 -0.46	37.53 -2.86 -0.73	42.06 -3.09 -1.00	41.42 -3.55 -1.64	40.78 -4.23 -1.37	40.87 -4.50 -1.28	43.82 -5.45 -0.19	44.25 -5.71 -0.31	44.26 -5.86 -0.47	41.39 -5.55 -0.69	42.66 -5.71 -0.81	48.23 -5.76 -0.69	49.13 -6.06 -1.07	59.20 -7.83 -1.26	50.55 -6.69 -1.52	49.05 -5.83 -1.40	47.76 -5.58 -1.16	44.91 -4.88 -1.96	44.65 -4.69 -0.98	41.74 -3.12 -0.97
CH_RES_SYRACUSE 23985	49.17 -0.85 0.00	45.00 -0.82 -0.02	42.37 -0.82 -0.30	41.41 -0.75 -0.19	40.12 -0.73 -0.32	39.48 -0.67 -0.50	44.13 -0.71 -0.69	43.72 -0.74 -1.12	43.87 -0.74 -0.96	44.20 -0.79 -0.91	48.59 -0.83 -0.36	49.45 -0.74 -0.55	49.74 -0.74 -0.83	46.77 -0.79 -1.31	48.30 -0.81 -1.55	53.78 -0.85 -1.34	55.43 -0.76 -2.06	67.28 -0.92 -2.43	57.87 -0.78 -2.94	55.46 -0.75 -2.72	53.71 -0.73 -2.27	48.44 -0.77 -1.39	48.24 -0.82 -0.70	43.85 -0.67 -0.67
CLINTON_WT_PWR 323605	49.52 -0.50 0.00	45.90 0.09 0.00	43.06 0.17 0.00	41.84 -0.13 0.00	40.45 -0.08 0.00	39.22 -0.44 0.00	43.75 -0.40 0.00	43.03 -0.30 0.00	43.16 -0.48 0.00	43.95 -0.13 0.00	49.71 0.64 0.00	49.75 0.10 0.00	49.80 0.15 0.00	47.09 0.83 0.00	48.65 1.09 0.00	53.40 0.11 0.00	53.81 -0.32 0.00	65.18 -0.59 0.00	55.33 -0.39 0.00	53.06 -0.43 0.00	51.91 -0.26 0.00	47.92 0.10 0.00	48.51 0.15 0.00	43.71 -0.17 0.00
CLINTON___LFGE 323618	50.02 0.00 0.00	46.36 0.55 0.00	43.49 0.60 0.00	42.22 0.25 0.00	40.85 0.32 0.00	39.58 -0.08 0.00	44.19 0.04 0.00	43.51 0.17 0.00	43.60 -0.04 0.00	44.43 0.35 0.00	50.34 1.27 0.00	50.29 0.64 0.00	50.34 0.69 0.00	47.64 1.39 0.00	49.27 1.71 0.00	54.04 0.75 0.00	54.45 0.33 0.00	66.04 0.26 0.00	56.05 0.34 0.00	53.81 0.32 0.00	52.64 0.47 0.00	48.58 0.76 0.00	49.13 0.77 0.00	44.23 0.35 0.00
COBBLENY_34_KV_TB1 80064	47.32 -2.70 0.00	42.90 -2.93 -0.03	40.30 -3.09 -0.50	39.31 -2.98 -0.32	38.10 -2.96 -0.53	37.64 -2.86 -0.83	42.25 -3.05 -1.15	42.23 -2.99 -1.89	41.69 -3.58 -1.63	41.73 -3.88 -1.53	44.51 -4.76 -0.20	45.23 -4.72 -0.30	45.38 -4.72 -0.45	42.53 -4.39 -0.67	43.79 -4.57 -0.79	49.06 -4.90 -0.67	50.05 -5.09 -1.01	60.91 -6.05 -1.19	51.75 -5.40 -1.44	49.90 -4.92 -1.34	48.54 -4.75 -1.12	45.87 -4.26 -2.30	45.41 -4.11 -1.16	41.97 -3.03 -1.11
COFFEEN___115KV_TB3 355620	50.67 0.65 0.00	46.32 0.50 -0.01	43.43 0.39 -0.16	42.36 0.29 -0.10	40.94 0.24 -0.17	39.96 0.04 -0.26	44.38 -0.13 -0.36	43.45 -0.48 -0.59	43.50 -0.65 -0.51	44.03 -0.53 -0.48	48.79 -0.44 -0.16	49.35 -0.55 -0.25	49.58 -0.45 -0.38	46.52 -0.32 -0.59	48.16 -0.10 -0.69	53.79 -0.11 -0.60	55.21 0.16 -0.92	67.59 0.72 -1.09	57.81 0.78 -1.32	55.46 0.75 -1.22	54.13 0.94 -1.02	49.27 0.72 -0.73	49.31 0.58 -0.37	44.32 0.09 -0.35
COLDSPRG_115KV_BK1 355956	48.07 -1.95 0.00	43.27 -2.57 -0.03	40.46 -2.96 -0.53	39.41 -2.90 -0.34	38.18 -2.92 -0.57	37.69 -2.86 -0.89	42.23 -3.13 -1.22	42.32 -3.03 -2.02	41.80 -3.58 -1.74	41.79 -3.92 -1.63	44.31 -4.96 -0.19	45.06 -4.87 -0.28	45.30 -4.77 -0.42	42.40 -4.49 -0.64	43.60 -4.71 -0.75	48.59 -5.33 -0.62	49.60 -5.47 -0.94	61.48 -5.39 -1.11	51.64 -5.40 -1.33	49.48 -5.24 -1.24	48.20 -5.01 -1.04	45.68 -4.59 -2.45	45.15 -4.45 -1.24	41.82 -3.25 -1.18
COLONIE_LFGE___ 323577	52.07 2.05 0.00	47.93 1.92 -0.19	48.23 1.76 -3.58	45.98 1.72 -2.29	46.03 1.70 -3.79	47.27 1.67 -5.95	54.20 1.85 -8.20	58.43 1.78 -13.32	56.99 1.88 -11.47	56.77 1.89 -10.79	54.91 2.16 -3.69	57.28 2.04 -5.60	60.27 2.08 -8.53	61.41 1.90 -13.25	65.26 2.00 -15.70	69.29 2.34 -13.65	77.35 2.38 -20.85	93.16 2.76 -24.62	87.80 2.29 -29.80	83.30 2.25 -27.57	77.36 2.19 -23.00	66.18 1.91 -16.45	58.65 1.98 -8.30	53.60 1.80 -7.92
COOPERNY_115KV_TB1 80082	51.72 1.70 0.00	47.44 1.51 -0.12	46.46 1.42 -2.16	44.69 1.34 -1.38	44.11 1.30 -2.28	44.54 1.31 -3.58	50.58 1.50 -4.93	52.87 1.52 -8.02	52.08 1.53 -6.91	52.17 1.59 -6.50	52.96 1.67 -2.22	54.86 1.84 -3.37	56.58 1.79 -5.14	55.90 1.67 -7.98	58.68 1.66 -9.46	63.32 1.81 -8.22	68.57 1.89 -12.55	83.09 2.50 -14.82	75.72 2.06 -17.94	72.01 1.93 -16.60	67.90 1.88 -13.85	59.49 1.77 -9.90	55.15 1.79 -5.00	50.23 1.58 -4.77
COPENHAGEN_WT_PWR 323753	50.12 0.10 0.00	45.95 0.14 -0.01	43.14 0.09 -0.16	42.07 0.00 -0.10	40.66 -0.04 -0.17	39.69 -0.24 -0.27	44.03 -0.48 -0.37	43.20 -0.74 -0.61	43.29 -0.87 -0.52	43.78 -0.79 -0.49	48.50 -0.73 -0.17	49.11 -0.80 -0.25	49.34 -0.70 -0.39	46.31 -0.55 -0.61	47.89 -0.38 -0.72	53.49 -0.43 -0.62	54.76 -0.32 -0.95	66.96 0.07 -1.13	57.24 0.17 -1.36	54.91 0.16 -1.26	53.59 0.37 -1.05	48.81 0.24 -0.75	48.84 0.10 -0.38	43.98 -0.26 -0.36
CORNELL_____ 23752	50.27 0.25 0.00	45.94 0.09 -0.04	43.57 0.00 -0.68	42.45 0.04 -0.44	41.25 0.00 -0.72	40.83 0.04 -1.13	45.88 0.18 -1.56	46.03 0.13 -2.57	45.86 0.00 -2.21	46.03 -0.13 -2.08	50.63 -0.25 -1.81	52.24 -0.20 -2.79	53.78 -0.15 -4.28	52.99 -0.23 -6.97	55.63 -0.19 -8.27	60.38 -0.05 -7.14	65.24 0.16 -10.95	79.11 0.39 -12.94	71.84 0.45 -15.68	68.41 0.43 -14.49	64.56 0.31 -12.08	51.10 0.14 -3.14	49.99 0.05 -1.58	45.48 0.09 -1.51

CORONA__69_KV_TB1 355595	58.34 3.70 -4.61	55.42 3.39 -6.22	55.26 3.13 -9.24	54.66 2.98 -9.71	54.55 2.88 -11.14	54.79 2.89 -12.24	58.36 3.27 -10.95	57.65 3.34 -10.98	57.33 3.36 -10.32	56.23 3.57 -8.58	57.22 3.73 -4.42	58.11 3.97 -4.48	60.33 3.87 -6.81	60.59 3.61 -10.72	63.68 3.52 -12.60	70.94 3.78 -13.87	112.46 3.84 -54.49	115.19 5.00 -44.41	104.41 4.18 -44.52	108.66 3.90 -51.27	95.48 3.81 -39.50	87.63 3.63 -36.18	66.83 3.63 -14.84	60.81 3.25 -13.68
CORTLAND__115KV_TB3 80093	49.92 -0.10 0.00	45.61 -0.23 -0.03	43.18 -0.26 -0.55	42.11 -0.21 -0.35	40.91 -0.20 -0.58	40.37 -0.20 -0.91	45.26 -0.13 -1.25	45.21 -0.17 -2.05	45.15 -0.26 -1.76	45.43 -0.31 -1.66	49.54 -0.39 -0.86	50.63 -0.35 -1.33	51.38 -0.30 -2.03	49.17 -0.32 -3.24	51.07 -0.33 -3.84	56.30 -0.32 -3.32	59.06 -0.16 -5.09	71.72 -0.07 -6.01	62.94 -0.06 -7.28	60.17 -0.05 -6.73	57.68 -0.10 -5.61	50.14 -0.19 -2.51	49.39 -0.24 -1.27	44.92 -0.18 -1.21
COXSACKIE__GT 23611	53.12 3.10 0.00	48.42 2.43 -0.18	48.57 2.31 -3.37	46.43 2.31 -2.16	46.25 2.15 -3.57	47.35 2.10 -5.59	54.32 2.47 -7.71	58.16 2.30 -12.53	56.66 2.22 -10.79	56.12 1.89 -10.15	54.45 1.91 -3.47	56.65 1.74 -5.26	59.46 1.78 -8.02	60.38 1.66 -12.46	64.37 2.04 -14.77	68.85 2.72 -12.84	77.03 3.30 -19.60	93.14 4.21 -23.16	87.25 3.51 -28.02	82.89 3.47 -25.93	77.04 3.24 -21.63	66.01 2.72 -15.47	58.87 2.71 -7.81	53.57 2.24 -7.45
CPV_VALLEY__CC1 323721	52.12 2.10 0.00	47.78 1.83 -0.13	47.07 1.72 -2.47	45.18 1.64 -1.58	44.68 1.54 -2.61	45.34 1.59 -4.09	51.64 1.85 -5.65	54.33 1.82 -9.18	53.42 1.88 -7.90	53.45 1.94 -7.43	53.67 2.06 -2.54	55.74 2.24 -3.85	57.71 2.18 -5.88	57.42 2.03 -9.13	60.42 2.04 -10.82	64.88 2.19 -9.40	70.81 2.33 -14.36	85.76 3.03 -16.96	78.75 2.51 -20.52	74.83 2.35 -18.99	70.25 2.24 -15.84	61.30 2.15 -11.33	56.20 2.13 -5.72	51.27 1.93 -5.45
CPV_VALLEY__CC2 323722	52.12 2.10 0.00	47.78 1.83 -0.13	47.07 1.72 -2.47	45.18 1.64 -1.58	44.68 1.54 -2.61	45.34 1.59 -4.09	51.64 1.85 -5.65	54.33 1.82 -9.18	53.42 1.88 -7.90	53.45 1.94 -7.43	53.67 2.06 -2.54	55.74 2.24 -3.85	57.71 2.18 -5.88	57.42 2.03 -9.13	60.42 2.04 -10.82	64.88 2.19 -9.40	70.81 2.33 -14.36	85.76 3.03 -16.96	78.75 2.51 -20.52	74.83 2.35 -18.99	70.25 2.24 -15.84	61.30 2.15 -11.33	56.20 2.13 -5.72	51.27 1.93 -5.45
CRESCENT__HYD 24018	52.07 2.05 0.00	47.93 1.92 -0.19	48.23 1.76 -3.58	45.98 1.72 -2.29	46.03 1.70 -3.79	47.27 1.67 -5.95	54.20 1.85 -8.20	58.43 1.78 -13.32	56.99 1.88 -11.47	56.77 1.89 -10.79	54.91 2.16 -3.69	57.28 2.04 -5.60	60.27 2.08 -8.53	61.41 1.90 -13.25	65.26 2.00 -15.70	69.29 2.34 -13.65	77.35 2.76 -20.85	93.16 2.29 -24.62	87.80 2.25 -29.80	83.30 2.25 -27.57	77.36 2.19 -23.00	66.18 1.91 -16.45	58.65 1.98 -8.30	53.60 1.80 -7.92
CRICKET__VALLEY_CC1 323756	52.02 2.00 0.00	47.71 1.74 -0.16	47.43 1.59 -2.95	45.37 1.51 -1.89	45.11 1.46 -3.13	46.06 1.51 -4.90	52.62 1.72 -6.75	56.05 1.74 -10.98	54.93 1.83 -9.46	54.83 1.85 -8.89	54.12 2.01 -3.04	56.44 2.18 -4.61	58.81 2.13 -7.03	59.16 1.99 -10.92	62.50 2.00 -12.94	66.68 2.13 -11.25	73.47 2.17 -17.18	88.95 2.89 -20.29	82.61 2.34 -24.56	78.40 2.19 -22.72	73.21 2.09 -18.95	63.43 2.05 -13.56	57.28 2.08 -6.84	52.21 1.80 -6.52
CRICKET__VALLEY_CC2 323757	52.02 2.00 0.00	47.71 1.74 -0.16	47.43 1.59 -2.95	45.37 1.51 -1.89	45.11 1.46 -3.13	46.06 1.51 -4.90	52.62 1.72 -6.75	56.05 1.74 -10.98	54.93 1.83 -9.46	54.83 1.85 -8.89	54.12 2.01 -3.04	56.44 2.18 -4.61	58.81 2.13 -7.03	59.16 1.99 -10.92	62.50 2.00 -12.94	66.68 2.13 -11.25	73.47 2.17 -17.18	88.95 2.89 -20.29	82.61 2.34 -24.56	78.40 2.19 -22.72	73.21 2.09 -18.95	63.43 2.05 -13.56	57.28 2.08 -6.84	52.21 1.80 -6.52
CRICKET__VALLEY_CC3 323758	52.02 2.00 0.00	47.71 1.74 -0.16	47.43 1.59 -2.95	45.37 1.51 -1.89	45.11 1.46 -3.13	46.06 1.51 -4.90	52.62 1.72 -6.75	56.05 1.74 -10.98	54.93 1.83 -9.46	54.83 1.85 -8.89	54.12 2.01 -3.04	56.44 2.18 -4.61	58.81 2.13 -7.03	59.16 1.99 -10.92	62.50 2.00 -12.94	66.68 2.13 -11.25	73.47 2.17 -17.18	88.95 2.89 -20.29	82.61 2.34 -24.56	78.40 2.19 -22.72	73.21 2.09 -18.95	63.43 2.05 -13.56	57.28 2.08 -6.84	52.21 1.80 -6.52
CRUCIBLE__METL_DRP 24180	49.17 -0.85 0.00	45.00 -0.82 -0.02	42.38 -0.81 -0.30	41.41 -0.76 -0.19	40.12 -0.73 -0.32	39.48 -0.67 -0.50	44.13 -0.71 -0.69	43.76 -0.69 -1.12	43.87 -0.74 -0.96	44.19 -0.79 -0.91	48.59 -0.83 -0.36	49.40 -0.79 -0.55	49.74 -0.74 -0.83	46.77 -0.79 -1.30	48.29 -0.81 -1.54	53.78 -0.85 -1.34	55.43 -0.76 -2.06	67.28 -0.92 -2.43	57.87 -0.78 -2.94	55.46 -0.75 -2.72	53.71 -0.73 -2.27	48.44 -0.77 -1.39	48.24 -0.82 -0.70	43.85 -0.70 -0.67
DAHOWA__HYDRO 323763	53.12 3.10 0.00	48.98 2.98 -0.20	49.23 2.70 -3.63	46.94 2.65 -2.33	47.01 2.63 -3.85	48.31 2.62 -6.03	55.38 2.91 -8.32	59.80 2.95 -13.52	58.39 3.10 -11.64	58.12 3.08 -10.95	56.35 3.54 -3.74	58.66 3.33 -5.68	61.53 3.23 -8.66	62.62 2.92 -13.45	66.68 3.19 -15.94	70.88 3.73 -13.86	79.07 3.79 -21.16	95.24 4.47 -24.99	89.63 3.68 -30.24	85.15 3.69 -27.98	79.11 3.60 -23.34	67.67 3.16 -16.69	60.08 3.29 -8.42	54.64 2.72 -8.04
DANC__LFGE 323619	49.47 -0.55 0.00	45.32 -0.50 -0.01	42.61 -0.47 -0.19	41.59 -0.50 -0.12	40.21 -0.53 -0.20	39.34 -0.64 -0.32	43.70 -0.88 -0.44	43.00 -1.04 -0.71	43.12 -1.13 -0.61	43.60 -1.06 -0.57	48.19 -1.08 -0.20	48.86 -1.09 -0.30	49.06 -1.05 -0.45	46.04 -0.92 -0.71	47.54 -0.85 -0.84	53.06 -0.96 -0.73	54.37 -0.87 -1.11	66.30 -0.79 -1.31	56.75 -0.56 -1.59	54.43 -0.53 -1.47	52.98 -0.42 -1.23	48.27 -0.43 -0.88	48.32 -0.48 -0.44	43.65 -0.66 -0.42
DANSKAMMER__1 23586	53.02 3.00 0.00	48.57 2.61 -0.15	48.17 2.44 -2.84	46.09 2.31 -1.82	45.73 2.19 -3.01	46.59 2.22 -4.71	53.20 2.56 -6.50	56.45 2.56 -10.56	55.36 2.62 -9.10	55.33 2.69 -8.56	54.94 2.94 -2.92	57.22 3.13 -4.44	59.49 3.08 -6.76	59.63 2.87 -10.51	62.91 2.90 -12.45	67.31 3.20 -10.82	74.01 3.36 -16.53	89.63 4.34 -19.52	82.91 3.57 -23.62	78.71 3.37 -21.85	73.64 3.24 -18.23	63.88 3.01 -13.04	57.94 3.00 -6.58	52.79 2.63 -6.28
DANSKAMMER__2 23589	53.02 3.00 0.00	48.57 2.61 -0.15	48.17 2.44 -2.84	46.09 2.31 -1.82	45.73 2.19 -3.01	46.59 2.22 -4.71	53.20 2.56 -6.50	56.45 2.56 -10.56	55.36 2.62 -9.10	55.33 2.69 -8.56	54.94 2.94 -2.92	57.22 3.13 -4.44	59.49 3.08 -6.76	59.63 2.87 -10.51	62.91 2.90 -12.45	67.31 3.20 -10.82	74.01 3.36 -16.53	89.63 4.34 -19.52	82.91 3.57 -23.62	78.71 3.37 -21.85	73.64 3.24 -18.23	63.88 3.01 -13.04	57.94 3.00 -6.58	52.79 2.63 -6.28
DANSKAMMER__3 23590	53.02 3.00 0.00	48.57 2.61 -0.15	48.17 2.44 -2.84	46.09 2.31 -1.82	45.73 2.19 -3.01	46.59 2.22 -4.71	53.20 2.56 -6.50	56.45 2.56 -10.56	55.36 2.62 -9.10	55.33 2.69 -8.56	54.94 2.94 -2.92	57.22 3.13 -4.44	59.49 3.08 -6.76	59.63 2.87 -10.51	62.91 2.90 -12.45	67.31 3.20 -10.82	74.01 3.36 -16.53	89.63 4.34 -19.52	82.91 3.57 -23.62	78.71 3.37 -21.85	73.64 3.24 -18.23	63.88 3.01 -13.04	57.94 3.00 -6.58	52.79 2.63 -6.28

DANSKAMMER___4 23591	53.02 3.00 0.00	48.57 2.61 -0.15	48.17 2.44 -2.84	46.09 2.31 -1.82	45.73 2.19 -3.01	46.59 2.22 -4.71	53.20 2.56 -6.50	56.45 2.56 -10.56	55.36 2.62 -9.10	55.33 2.69 -8.56	54.94 2.94 -2.92	57.22 3.13 -4.44	59.49 3.08 -6.76	59.63 2.87 -10.51	62.91 2.90 -12.45	67.31 3.20 -10.82	74.01 3.36 -16.53	89.63 4.34 -19.52	82.91 3.57 -23.62	78.71 3.37 -21.85	73.64 3.24 -18.23	63.88 3.01 -13.04	57.94 3.00 -6.58	52.79 2.63 -6.28
DANSKAMMER___DIESEL 23592	52.97 2.95 0.00	48.57 2.61 -0.15	48.13 2.40 -2.84	46.09 2.31 -1.82	45.73 2.19 -3.01	46.59 2.22 -4.71	53.20 2.56 -6.50	56.45 2.56 -10.56	55.36 2.62 -9.10	55.33 2.69 -8.56	54.94 2.94 -2.92	57.21 3.13 -4.44	59.49 3.08 -6.76	59.63 2.87 -10.51	62.91 2.90 -12.45	67.31 3.20 -10.82	74.01 3.36 -16.53	89.63 4.34 -19.52	82.90 3.57 -23.62	78.71 3.37 -21.85	73.64 3.23 -18.23	63.87 3.01 -13.04	57.94 3.00 -6.58	52.79 2.63 -6.28
DARBY___SOLAR 323810	52.87 2.85 0.00	48.71 2.70 -0.20	49.00 2.49 -3.63	46.72 2.43 -2.32	46.76 2.39 -3.84	48.06 2.38 -6.02	55.14 2.69 -8.30	59.51 2.69 -13.49	58.06 2.80 -11.62	57.79 2.78 -10.93	55.99 3.19 -3.73	58.30 2.98 -5.67	61.22 2.93 -8.64	62.36 2.68 -13.42	66.36 2.90 -15.91	70.53 3.41 -13.83	78.71 3.47 -21.11	94.79 4.08 -24.94	89.24 3.34 -30.18	84.78 3.37 -27.92	78.75 3.29 -23.29	67.35 2.87 -16.66	59.77 3.00 -8.41	54.40 2.50 -8.02
DASHVILLE___HYD 23610	52.37 2.35 0.00	48.03 2.06 -0.16	47.37 1.54 -2.94	45.32 1.47 -1.88	44.98 1.34 -3.11	45.92 1.39 -4.87	52.54 1.68 -6.72	55.91 1.65 -10.93	54.75 1.70 -9.41	54.65 1.72 -8.85	53.91 1.82 -3.02	56.22 1.99 -4.59	58.63 1.99 -7.00	58.98 1.85 -10.87	62.29 1.85 -12.88	66.51 2.03 -11.19	73.44 2.22 -17.09	88.92 2.96 -20.19	82.65 2.51 -24.43	78.45 2.35 -22.60	73.22 2.19 -18.86	63.36 2.06 -13.49	57.20 2.03 -6.81	52.09 1.71 -6.49
DELAWARE___LFGE 323621	51.22 1.20 0.00	46.88 1.01 -0.07	45.14 0.99 -1.26	43.70 0.92 -0.81	42.76 0.89 -1.34	42.62 0.87 -2.10	48.05 1.02 -2.89	48.99 0.95 -4.71	48.70 1.00 -4.05	49.00 1.10 -3.81	51.50 1.13 -1.30	52.87 1.24 -1.98	53.91 1.24 -3.01	52.10 1.16 -4.68	54.30 1.19 -5.55	59.38 1.28 -4.81	62.78 1.30 -7.35	76.16 1.71 -8.68	67.67 1.45 -10.51	64.54 1.34 -9.72	61.59 1.30 -8.11	54.77 1.15 -5.80	52.40 1.11 -2.93	47.64 0.97 -2.79
DERFIELD_115KV_TB7 355931	50.27 0.25 0.00	46.04 0.23 0.00	43.10 0.21 0.00	42.18 0.21 0.00	40.73 0.20 0.00	39.85 0.20 0.00	44.32 0.18 0.00	43.51 0.17 0.00	43.82 0.17 0.00	44.30 0.22 0.00	49.32 0.25 0.00	49.90 0.25 0.00	49.90 0.25 0.00	46.49 0.23 0.00	47.80 0.24 0.00	53.56 0.27 0.00	54.34 0.22 0.00	66.03 0.26 0.00	55.94 0.22 0.00	53.70 0.21 0.00	52.38 0.21 0.00	48.01 0.19 0.00	48.55 0.19 0.00	44.02 0.13 0.00
DOGLEVILLE___HYD 23807	53.37 3.35 0.00	48.88 3.07 0.00	45.76 2.87 0.00	44.74 2.77 0.00	43.21 2.68 0.00	42.27 2.62 0.00	47.01 2.87 0.00	46.06 2.73 0.00	46.39 2.75 0.00	46.95 2.87 0.00	52.21 3.14 0.00	52.88 3.23 0.00	52.88 3.23 0.00	49.21 2.96 0.00	50.55 3.00 0.00	56.54 3.25 0.00	57.27 3.14 0.00	69.52 3.75 0.00	58.78 3.06 0.00	56.22 2.73 0.00	54.68 2.50 0.00	50.16 2.34 0.00	50.68 2.32 0.00	45.95 2.06 0.00
DUNKIRK___115KV_TB_200 55889	47.52 -2.50 0.00	43.18 -2.66 -0.03	40.56 -2.83 -0.50	39.56 -2.73 -0.32	38.31 -2.76 -0.53	37.79 -2.70 -0.83	42.33 -2.96 -1.15	42.31 -2.90 -1.88	41.77 -3.49 -1.62	41.77 -3.84 -1.52	44.47 -4.81 -0.20	45.08 -4.87 -0.30	45.18 -4.92 -0.45	42.21 -4.72 -0.68	43.46 -4.90 -0.80	48.80 -5.17 -0.67	49.84 -5.30 -1.02	61.18 -5.79 -1.20	51.76 -5.40 -1.45	49.86 -4.97 -1.34	48.55 -4.75 -1.12	45.81 -4.30 -2.30	45.41 -4.11 -1.16	42.05 -2.94 -1.11
DUNKIRK___1 23563	47.52 -2.50 0.00	43.18 -2.66 -0.03	40.56 -2.83 -0.50	39.56 -2.73 -0.32	38.31 -2.76 -0.53	37.79 -2.70 -0.83	42.33 -2.96 -1.15	42.31 -2.90 -1.88	41.77 -3.49 -1.62	41.77 -3.84 -1.52	44.47 -4.81 -0.20	45.08 -4.87 -0.30	45.18 -4.92 -0.45	42.21 -4.72 -0.68	43.46 -4.90 -0.80	48.80 -5.17 -0.67	49.84 -5.30 -1.02	61.18 -5.79 -1.20	51.76 -5.40 -1.45	49.86 -4.97 -1.34	48.55 -4.75 -1.12	45.81 -4.30 -2.30	45.41 -4.11 -1.16	42.05 -2.94 -1.11
DUNKIRK___2 23564	47.52 -2.50 0.00	43.18 -2.66 -0.03	40.56 -2.83 -0.50	39.56 -2.73 -0.32	38.31 -2.76 -0.53	37.79 -2.70 -0.83	42.33 -2.96 -1.15	42.31 -2.90 -1.88	41.77 -3.49 -1.62	41.77 -3.84 -1.52	44.47 -4.81 -0.20	45.08 -4.87 -0.30	45.18 -4.92 -0.45	42.21 -4.72 -0.68	43.46 -4.90 -0.80	48.80 -5.17 -0.67	49.84 -5.30 -1.02	61.18 -5.79 -1.20	51.76 -5.40 -1.45	49.86 -4.97 -1.34	48.55 -4.75 -1.12	45.81 -4.30 -2.30	45.41 -4.11 -1.16	42.05 -2.94 -1.11
DUNKIRK___3 23565	47.37 -2.65 0.00	43.04 -2.79 -0.03	40.43 -2.96 -0.50	39.43 -2.85 -0.32	38.22 -2.84 -0.53	37.71 -2.78 -0.83	42.28 -3.00 -1.14	42.26 -2.95 -1.87	41.72 -3.54 -1.61	41.72 -3.88 -1.51	44.47 -4.81 -0.21	45.09 -4.87 -0.30	45.24 -4.87 -0.45	42.31 -4.63 -0.68	43.56 -4.80 -0.81	48.86 -5.12 -0.68	49.91 -5.25 -1.03	61.07 -5.92 -1.22	51.78 -5.40 -1.47	49.88 -4.97 -1.36	48.57 -4.75 -1.14	45.80 -4.30 -2.28	45.35 -4.16 -1.15	42.00 -2.98 -1.10
DUNKIRK___4 23566	47.37 -2.65 0.00	43.04 -2.79 -0.03	40.43 -2.96 -0.50	39.43 -2.85 -0.32	38.22 -2.84 -0.53	37.71 -2.78 -0.83	42.28 -3.00 -1.14	42.26 -2.95 -1.87	41.72 -3.54 -1.61	41.72 -3.88 -1.51	44.47 -4.81 -0.21	45.09 -4.87 -0.30	45.24 -4.87 -0.45	42.31 -4.63 -0.68	43.56 -4.80 -0.81	48.86 -5.12 -0.68	49.91 -5.25 -1.03	61.07 -5.92 -1.22	51.78 -5.40 -1.47	49.88 -4.97 -1.36	48.57 -4.75 -1.14	45.80 -4.30 -2.28	45.35 -4.16 -1.15	42.00 -2.98 -1.10
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	52.97 2.95 0.00	48.57 2.61 -0.15	48.13 2.40 -2.83	46.05 2.27 -1.82	45.72 2.19 -3.00	46.62 2.26 -4.71	53.19 2.56 -6.49	56.48 2.60 -10.55	55.39 2.66 -9.08	55.40 2.78 -8.54	54.98 2.99 -2.92	57.31 3.23 -4.43	59.58 3.18 -6.75	59.71 2.96 -10.49	62.89 2.90 -12.43	67.19 3.09 -10.81	73.87 3.25 -16.50	89.47 4.21 -19.49	82.81 3.51 -23.59	78.57 3.26 -21.82	73.51 3.13 -18.20	63.85 3.01 -13.02	57.98 3.05 -6.57	52.83 2.68 -6.27
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	52.62 2.60 0.00	48.29 2.34 -0.15	47.79 2.14 -2.75	45.79 2.06 -1.76	45.39 1.95 -2.92	46.21 1.98 -4.57	52.74 2.30 -6.30	55.87 2.30 -10.24	54.82 2.36 -8.82	54.76 2.38 -8.30	54.46 2.55 -2.84	56.68 2.73 -4.30	58.94 2.73 -6.56	58.99 2.54 -10.19	62.20 2.57 -12.08	66.56 2.77 -10.50	73.08 2.92 -16.03	88.52 3.81 -18.93	81.80 3.18 -22.91	77.68 3.00 -21.19	72.72 2.87 -17.68	63.14 2.68 -12.65	57.45 2.71 -6.38	52.34 2.37 -6.09
E179THST_138_KV_TB4_REV_LBMP_J 345001	53.22 3.20 0.00	48.76 2.79 -0.15	48.25 2.53 -2.83	46.22 2.43 -1.82	45.84 2.31 -3.00	46.74 2.38 -4.71	53.33 2.69 -6.49	56.61 2.73 -10.55	55.56 2.84 -9.08	55.58 2.95 -8.54	55.18 3.19 -2.92	57.55 3.48 -4.43	59.80 3.38 -6.77	59.94 3.19 -10.49	63.08 3.09 -12.43	67.35 3.25 -10.81	73.98 3.36 -16.50	89.67 4.41 -19.49	82.98 3.68 -23.59	78.73 3.42 -21.82	73.66 3.29 -18.20	64.09 3.25 -13.02	58.22 3.29 -6.57	53.00 2.85 -6.27

E179THST_13_KV_LOAD 356214	53.42 3.40 0.00	48.94 2.98 -0.15	48.43 2.70 -2.83	46.34 2.56 -1.82	46.01 2.47 -3.00	46.90 2.54 -4.71	53.50 2.87 -6.49	56.78 2.90 -10.55	55.74 3.01 -9.08	55.80 3.17 -8.54	55.42 3.43 -2.92	57.75 3.67 -4.43	60.04 3.62 -6.77	60.13 3.38 -10.49	63.32 3.33 -12.43	67.62 3.52 -10.81	74.25 3.63 -16.50	90.00 4.74 -19.49	83.26 3.96 -23.59	79.00 3.69 -21.82	73.92 3.55 -18.20	64.28 3.44 -13.02	58.46 3.53 -6.57	53.18 3.03 -6.27
EAST HAMPTON___GT 23717	55.43 5.10 -0.30	51.03 4.67 -0.55	50.64 4.50 -3.25	48.91 4.62 -2.33	48.60 4.54 -3.53	49.57 4.72 -5.19	56.40 5.47 -6.78	59.33 5.42 -10.58	58.36 5.54 -9.17	57.91 5.29 -8.54	57.88 5.79 -3.02	59.85 5.76 -4.44	61.93 5.51 -6.77	61.77 5.00 -10.51	64.85 4.85 -12.44	69.24 4.96 -11.00	78.35 5.31 -18.91	93.16 6.31 -21.07	85.75 5.12 -24.92	81.36 4.17 -23.69	75.38 3.65 -19.55	65.90 3.59 -14.49	59.38 3.92 -7.11	54.32 3.69 -6.75
EAST RIVER___6 23660	53.12 3.10 0.00	48.62 2.66 -0.15	48.17 2.44 -2.83	46.09 2.31 -1.81	45.72 2.19 -3.00	46.66 2.30 -4.71	53.28 2.65 -6.49	56.61 2.73 -10.55	55.56 2.84 -9.08	55.58 2.95 -8.54	55.18 3.19 -2.92	57.61 3.53 -4.44	59.84 3.42 -6.77	59.94 3.19 -10.50	63.12 3.14 -12.43	67.46 3.36 -10.81	74.14 3.52 -16.50	89.86 4.60 -19.49	83.09 3.79 -23.58	78.84 3.53 -21.82	73.76 3.39 -18.20	64.09 3.25 -13.02	58.12 3.19 -6.57	52.87 2.72 -6.27
EAST RIVER___7 23524	53.12 3.10 0.00	48.62 2.66 -0.15	48.17 2.44 -2.83	46.09 2.31 -1.81	45.72 2.19 -3.00	46.66 2.30 -4.71	53.28 2.65 -6.49	56.61 2.73 -10.55	55.56 2.84 -9.08	55.58 2.95 -8.54	55.18 3.19 -2.92	57.61 3.53 -4.44	59.84 3.42 -6.77	59.94 3.19 -10.50	63.12 3.14 -12.43	67.46 3.36 -10.81	74.14 3.52 -16.50	89.86 4.60 -19.49	83.09 3.79 -23.58	78.84 3.53 -21.82	73.76 3.39 -18.20	64.09 3.25 -13.02	58.12 3.19 -6.57	52.87 2.72 -6.27
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	52.87 2.85 0.00	48.48 2.52 -0.15	48.03 2.32 -2.83	45.96 2.18 -1.81	45.64 2.11 -3.00	46.53 2.18 -4.70	53.09 2.47 -6.47	56.37 2.51 -10.52	55.28 2.57 -9.06	55.25 2.64 -8.52	54.83 2.85 -2.91	57.15 3.08 -4.42	59.42 3.03 -6.74	59.55 2.82 -10.47	62.77 2.81 -12.41	67.06 2.98 -10.78	73.73 3.14 -16.46	89.30 4.08 -19.45	82.65 3.40 -23.53	78.42 3.16 -21.77	73.36 3.03 -18.16	63.73 2.92 -12.99	57.82 2.90 -6.56	52.73 2.59 -6.25
EAST_HAMPTON___DIESEL 23722	55.32 5.00 -0.30	50.98 4.62 -0.55	50.64 4.50 -3.25	48.87 4.58 -2.33	48.60 4.54 -3.53	49.57 4.72 -5.19	56.40 5.47 -6.78	59.33 5.42 -10.58	58.36 5.54 -9.17	57.91 5.29 -8.54	57.88 5.79 -3.02	59.85 5.76 -4.44	61.93 5.51 -6.77	61.77 5.00 -10.51	64.85 4.85 -12.44	69.19 4.90 -11.00	78.29 5.25 -18.91	93.02 6.18 -21.07	85.70 5.07 -24.92	81.24 4.06 -23.69	75.28 3.55 -19.55	65.80 3.49 -14.49	59.29 3.82 -7.11	54.23 3.60 -6.75
EAST_POINT___SOLAR 323840	51.97 1.95 0.00	47.90 1.88 -0.15	48.59 1.67 -4.03	46.14 1.59 -2.58	46.46 1.66 -4.27	48.08 1.74 -6.69	55.39 2.03 -9.22	60.27 1.95 -14.98	58.20 1.66 -12.90	57.45 1.23 -12.14	54.64 1.42 -4.15	57.33 1.39 -6.29	60.68 1.44 -9.59	62.68 1.52 -14.90	67.26 2.04 -17.66	71.36 2.72 -15.35	80.54 2.98 -23.44	97.14 3.68 -27.69	92.23 3.01 -33.51	87.59 3.10 -31.00	80.90 2.87 -25.86	68.85 2.53 -18.50	60.21 2.51 -9.33	54.54 1.76 -8.90
EAST_PULASKI___ESR 323781	48.92 -1.10 0.00	44.81 -1.01 -0.01	42.12 -0.98 -0.22	41.14 -0.96 -0.14	39.83 -0.93 -0.23	39.07 -0.95 -0.36	43.50 -1.15 -0.50	42.93 -1.21 -0.81	43.07 -1.27 -0.70	43.50 -1.23 -0.65	47.97 -1.32 -0.22	48.70 -1.29 -0.34	48.88 -1.29 -0.52	45.86 -1.20 -0.81	47.28 -1.24 -0.96	52.79 -1.33 -0.83	54.10 -1.30 -1.27	65.89 -1.38 -1.50	56.41 -1.11 -1.81	54.10 -1.07 -1.68	52.53 -1.04 -1.40	47.81 -1.01 -1.00	47.85 -1.02 -0.51	43.36 -1.01 -0.48
EAST_RIVER___1 323558	53.27 3.25 0.00	48.76 2.79 -0.15	48.25 2.53 -2.83	46.17 2.39 -1.81	45.84 2.31 -3.00	46.74 2.38 -4.71	53.37 2.74 -6.49	56.69 2.82 -10.55	55.60 2.88 -9.08	55.62 3.00 -8.54	55.23 3.24 -2.92	57.61 3.53 -4.44	59.84 3.42 -6.77	59.94 3.19 -10.50	63.12 3.14 -12.43	67.51 3.41 -10.81	74.14 3.52 -16.50	89.86 4.60 -19.49	83.14 3.84 -23.58	78.84 3.53 -21.82	73.82 3.44 -18.20	64.14 3.30 -13.02	58.22 3.29 -6.57	53.00 2.85 -6.27
EAST_RIVER___2 323559	53.12 3.10 0.00	48.62 2.66 -0.15	48.17 2.44 -2.83	46.09 2.31 -1.81	45.72 2.19 -3.00	46.66 2.30 -4.71	53.28 2.65 -6.49	56.61 2.73 -10.55	55.56 2.84 -9.08	55.58 2.95 -8.54	55.18 3.19 -2.92	57.61 3.53 -4.44	59.84 3.42 -6.77	59.94 3.19 -10.50	63.12 3.14 -12.43	67.46 3.36 -10.81	74.14 3.52 -16.50	89.86 4.60 -19.49	83.09 3.79 -23.58	78.84 3.53 -21.82	73.76 3.39 -18.20	64.09 3.25 -13.02	58.12 3.19 -6.57	52.87 2.72 -6.27
EAST___DELAWARE_HYD 23607	53.12 3.10 0.00	48.60 2.66 -0.14	47.98 2.49 -2.60	46.02 2.39 -1.66	45.51 2.23 -2.75	46.23 2.26 -4.32	52.74 2.65 -5.95	55.61 2.60 -9.67	54.64 2.66 -8.33	54.61 2.69 -7.84	54.59 2.84 -2.68	56.74 3.03 -4.06	58.82 2.98 -6.19	58.65 2.78 -9.62	61.81 2.85 -11.40	66.40 3.20 -9.91	72.73 3.47 -15.13	88.18 4.53 -17.87	81.14 3.79 -21.63	77.09 3.58 -20.01	72.26 3.39 -16.69	62.92 3.16 -11.94	57.48 3.10 -6.03	52.31 2.68 -5.75
EIGHT_POINT___WT_PWR 323820	48.72 -1.30 0.00	44.01 -1.83 -0.03	41.60 -1.93 -0.64	40.49 -1.89 -0.41	39.22 -1.99 -0.68	38.73 -1.98 -1.06	43.44 -2.16 -1.46	43.69 -2.17 -2.52	43.02 -2.79 -2.17	42.77 -3.35 -2.04	44.81 -4.17 0.09	45.11 -4.37 0.17	44.84 -4.52 0.29	41.36 -4.40 0.50	42.35 -4.61 0.60	47.83 -4.95 0.51	48.56 -4.76 0.81	59.09 -5.72 0.96	49.75 -4.79 1.17	47.87 -4.55 1.07	46.75 -4.54 0.89	46.44 -4.30 -2.93	45.58 -4.26 -1.48	41.92 -3.38 -1.41
ELBRIDGE_115KV_TB2 80188	48.87 -1.15 0.00	44.73 -1.10 -0.02	42.18 -1.03 -0.32	41.21 -0.97 -0.20	39.94 -0.93 -0.34	39.31 -0.87 -0.53	43.90 -0.97 -0.73	43.56 -0.95 -1.18	43.70 -0.96 -1.02	43.98 -1.06 -0.96	48.27 -1.18 -0.38	49.09 -1.14 -0.58	49.40 -1.14 -0.89	46.53 -1.11 -1.39	48.06 -1.14 -1.64	53.50 -1.23 -1.43	55.18 -1.14 -2.19	67.04 -1.32 -2.59	57.73 -1.11 -3.13	55.31 -1.07 -2.90	53.49 -1.10 -2.41	48.24 -1.05 -1.47	48.04 -1.06 -0.74	43.67 -0.92 -0.71
ELEC_TRO_TEK 24086	55.96 3.45 -2.49	52.40 3.16 -3.43	52.06 2.87 -6.29	50.81 2.77 -6.07	50.60 2.68 -7.39	51.12 2.70 -8.77	56.09 3.05 -8.90	57.24 3.12 -10.79	56.54 3.14 -9.76	55.94 3.31 -8.56	56.29 3.48 -3.74	57.84 3.72 -4.46	60.06 3.62 -6.79	60.26 3.38 -10.62	63.36 3.28 -12.52	69.21 3.46 -12.45	94.61 3.52 -36.96	103.23 4.54 -32.92	94.36 3.79 -34.86	94.70 3.53 -37.68	85.34 3.50 -29.67	76.61 3.30 -25.49	62.73 3.34 -11.03	57.18 3.03 -10.27
ELLENBURG_WT_PWR 323604	49.52 -0.50 0.00	45.90 0.09 0.00	43.06 0.17 0.00	41.84 -0.13 0.00	40.45 -0.08 0.00	39.22 -0.44 0.00	43.75 -0.40 0.00	43.03 -0.30 0.00	43.16 -0.48 0.00	43.95 -0.13 0.00	49.71 0.64 0.00	49.75 0.10 0.00	49.80 0.15 0.00	47.09 0.83 0.00	48.65 1.09 0.00	53.40 0.11 0.00	53.81 -0.32 0.00	65.18 -0.59 0.00	55.33 -0.39 0.00	53.06 -0.43 0.00	51.91 -0.26 0.00	47.92 0.10 0.00	48.51 0.15 0.00	43.71 -0.17 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	46.97 -3.05 0.00	42.81 -3.02 -0.03	40.31 -3.05 -0.47	39.37 -2.90 -0.30	38.15 -2.88 -0.50	37.66 -2.78 -0.78	42.22 -3.00 -1.07	42.11 -2.99 -1.76	41.58 -3.58 -1.52	41.63 -3.88 -1.43	44.51 -4.76 -0.20	45.08 -4.87 -0.30	45.18 -4.92 -0.45	42.25 -4.67 -0.67	43.55 -4.80 -0.79	49.01 -4.96 -0.68	49.95 -5.20 -1.02	60.60 -6.38 -1.20	51.60 -5.57 -1.46	49.81 -5.03 -1.35	48.50 -4.80 -1.13	45.67 -4.30 -2.16	45.39 -4.06 -1.09	41.98 -2.94 -1.04
EMPIRE_CC_1 323656	51.42 1.40 0.00	47.41 1.42 -0.18	47.55 1.24 -3.42	45.42 1.26 -2.19	45.41 1.26 -3.62	46.52 1.19 -5.68	53.21 1.23 -7.83	57.14 1.08 -12.73	55.74 1.13 -10.96	55.53 1.14 -10.31	53.92 1.33 -3.52	56.24 1.24 -5.35	59.04 1.24 -8.15	60.07 1.16 -12.66	63.75 1.19 -15.00	67.72 1.38 -13.04	75.39 1.35 -19.91	90.74 1.45 -23.52	85.40 1.22 -28.47	81.05 1.23 -26.33	75.39 1.25 -21.97	64.63 1.10 -15.71	57.45 1.16 -7.93	52.63 1.19 -7.56
EMPIRE_CC_2 323658	51.42 1.40 0.00	47.41 1.42 -0.18	47.55 1.24 -3.42	45.42 1.26 -2.19	45.41 1.26 -3.62	46.52 1.19 -5.68	53.21 1.23 -7.83	57.14 1.08 -12.73	55.74 1.13 -10.96	55.53 1.14 -10.31	53.92 1.33 -3.52	56.24 1.24 -5.35	59.04 1.24 -8.15	60.07 1.16 -12.66	63.75 1.19 -15.00	67.72 1.38 -13.04	75.39 1.35 -19.91	90.74 1.45 -23.52	85.40 1.22 -28.47	81.05 1.23 -26.33	75.39 1.25 -21.97	64.63 1.10 -15.71	57.45 1.16 -7.93	52.63 1.19 -7.56
ENORWICH_115KV_TB1 80156	52.87 2.85 0.00	48.24 2.38 -0.05	45.91 2.10 -0.92	44.61 2.06 -0.59	43.45 1.95 -0.97	43.16 1.98 -1.53	48.50 2.25 -2.10	48.64 1.86 -3.44	48.44 1.83 -2.96	48.94 2.07 -2.79	52.37 2.01 -1.29	53.85 2.23 -1.97	54.99 2.33 -3.01	53.17 2.13 -4.79	55.57 2.33 -5.68	60.81 2.61 -4.91	64.62 2.98 -7.51	78.86 4.21 -8.88	69.86 3.40 -10.75	66.64 3.21 -9.94	63.43 2.97 -8.29	54.19 2.15 -4.22	52.47 1.98 -2.13	47.50 1.58 -2.03
ERIE_ST__34_KV_TB1-2 80199	47.37 -2.65 0.00	42.58 -3.25 -0.03	39.82 -3.56 -0.49	38.88 -3.40 -0.31	37.69 -3.36 -0.52	37.22 -3.25 -0.81	41.78 -3.49 -1.12	41.79 -3.38 -1.84	41.25 -3.97 -1.58	41.25 -4.32 -1.49	44.08 -5.20 -0.21	44.99 -4.97 -0.31	45.24 -4.87 -0.46	42.50 -4.44 -0.69	43.76 -4.61 -0.81	48.76 -5.22 -0.69	49.71 -5.47 -1.05	60.82 -6.18 -1.24	51.63 -5.57 -1.49	49.47 -5.40 -1.38	48.11 -5.22 -1.16	45.33 -4.73 -2.24	44.95 -4.55 -1.13	41.50 -3.47 -1.08
ERIE_WT_PWR 323693	47.32 -2.70 0.00	42.72 -3.12 -0.03	40.33 -3.04 -0.48	39.38 -2.90 -0.31	38.12 -2.92 -0.51	37.64 -2.81 -0.80	42.20 -3.05 -1.11	42.16 -3.58 -1.81	41.62 -3.92 -1.56	41.62 -3.92 -1.47	44.52 -4.76 -0.20	45.18 -4.77 -0.30	45.29 -4.82 -0.45	42.38 -4.53 -0.66	43.68 -4.66 -0.78	49.02 -4.95 -0.68	50.01 -5.14 -1.03	60.60 -6.38 -1.21	51.72 -5.46 -1.46	49.81 -5.03 -1.36	48.51 -4.80 -1.13	45.68 -4.35 -2.21	45.37 -4.11 -1.12	41.97 -2.99 -1.07
ESPRGFLD_115KV_TB1 80157	50.72 0.70 0.00	46.41 0.60 0.00	43.54 0.56 -0.09	42.53 0.50 -0.06	41.11 0.49 -0.10	40.36 0.56 -0.15	45.06 0.71 -0.21	44.32 0.65 -0.34	44.46 0.52 -0.29	44.80 0.44 -0.28	49.51 0.34 -0.09	50.29 0.50 -0.14	50.41 0.55 -0.22	47.10 0.51 -0.34	48.67 0.71 -0.40	54.59 0.96 -0.34	55.79 1.14 -0.52	68.03 1.64 -0.62	57.80 1.34 -0.75	55.46 1.28 -0.69	53.95 1.20 -0.58	49.24 1.00 -0.41	49.49 0.92 -0.21	44.65 0.57 -0.20
ETNA_115_KV_TB1_REV_LBMP_C 345029	50.17 0.15 0.00	45.84 0.00 -0.04	43.52 -0.04 -0.68	42.40 0.00 -0.43	41.21 -0.04 -0.72	40.78 0.00 -1.12	45.78 0.09 -1.55	45.92 0.04 -2.54	45.79 -0.04 -2.19	45.97 -0.18 -2.06	50.36 -0.29 -1.58	51.84 -0.25 -2.44	53.19 -0.20 -3.74	52.09 -0.23 -6.07	54.52 -0.24 -7.20	59.40 -0.11 -6.22	63.77 0.11 -9.53	77.37 0.33 -11.27	69.69 0.33 -13.64	66.42 0.32 -12.61	62.89 0.21 -10.51	51.03 0.10 -3.11	49.93 0.00 -1.57	45.43 0.04 -1.50
ETNA____115KV_TB2 80207	50.17 0.15 0.00	45.84 0.00 -0.04	43.52 -0.04 -0.68	42.40 0.00 -0.43	41.21 -0.04 -0.72	40.78 0.00 -1.12	45.78 0.09 -1.55	45.92 0.04 -2.54	45.79 -0.04 -2.19	45.97 -0.18 -2.06	50.36 -0.29 -1.58	51.84 -0.25 -2.44	53.19 -0.20 -3.74	52.09 -0.23 -6.07	54.52 -0.24 -7.20	59.40 -0.11 -6.22	63.77 0.11 -9.53	77.37 0.33 -11.27	69.69 0.33 -13.64	66.42 0.32 -12.61	62.89 0.21 -10.51	51.03 0.10 -3.11	49.93 0.00 -1.57	45.43 0.04 -1.50
EUCLID__115KV_TB2 356179	48.67 -1.35 0.00	44.58 -1.24 -0.01	41.98 -1.16 -0.25	41.03 -1.09 -0.16	39.74 -1.05 -0.26	39.03 -1.03 -0.41	43.56 -1.15 -0.57	43.17 -1.08 -0.92	43.30 -1.13 -0.79	43.63 -1.19 -0.74	48.00 -1.32 -0.25	48.69 -1.34 -0.38	48.90 -1.34 -0.59	45.87 -1.30 -0.91	47.31 -1.33 -1.08	52.85 -1.39 -0.94	54.21 -1.35 -1.44	65.83 -1.64 -1.70	56.38 -1.39 -2.05	54.11 -1.28 -1.90	52.46 -1.30 -1.59	47.71 -1.24 -1.13	47.68 -1.26 -0.57	43.33 -1.10 -0.55
E_CANADA_CAP_HY 24051	50.82 0.80 0.00	46.81 0.78 -0.23	47.77 0.68 -4.19	45.28 0.63 -2.69	45.66 0.69 -4.44	47.37 0.75 -6.96	54.67 0.93 -9.60	59.85 0.91 -15.60	57.73 0.66 -13.44	56.98 0.27 -12.64	53.59 0.20 -4.32	56.40 0.20 -6.55	59.94 0.30 -9.99	62.14 0.37 -15.52	66.70 0.76 -18.39	70.45 1.17 -15.99	79.94 1.40 -24.41	96.38 1.78 -28.83	92.11 1.50 -34.89	87.32 1.55 -32.28	80.51 1.41 -26.93	68.42 1.34 -19.26	59.39 1.31 -9.72	53.90 0.75 -9.27
E_CANADA_MHWK_HY 24050	53.37 3.35 0.00	48.88 3.07 0.00	45.76 2.87 0.00	44.74 2.77 0.00	43.21 2.67 0.00	42.27 2.62 0.00	47.01 2.87 0.00	46.07 2.73 0.00	46.40 2.75 0.00	46.95 2.86 0.00	52.21 3.14 0.00	52.88 3.23 0.00	52.88 3.23 0.00	49.22 2.96 0.00	50.56 3.00 0.00	56.54 3.25 0.00	57.27 3.14 0.00	69.52 3.75 0.00	58.78 3.06 0.00	56.21 2.73 0.00	54.68 2.50 0.00	50.16 2.34 0.00	50.68 2.32 0.00	45.95 2.06 0.00
E_FISHKILL__LBMP 23776	52.42 2.40 0.00	48.12 2.15 -0.16	47.76 1.97 -2.89	45.71 1.89 -1.85	45.38 1.78 -3.06	46.32 1.86 -4.80	52.88 2.12 -6.62	56.22 2.12 -10.76	55.14 2.23 -9.27	55.05 2.25 -8.72	54.50 2.45 -2.98	56.80 2.63 -4.52	59.12 2.58 -6.89	59.37 2.41 -10.71	62.62 2.38 -12.69	66.88 2.56 -11.03	73.62 2.65 -16.84	89.15 3.49 -19.89	82.68 2.90 -24.07	78.43 2.67 -22.27	73.36 2.61 -18.58	63.59 2.49 -13.29	57.58 2.51 -6.71	52.47 2.19 -6.40
FALCON__SEABRD_CC1 323796	49.87 -0.15 0.00	46.27 0.46 0.00	43.41 0.52 0.00	42.14 0.17 0.00	40.78 0.24 0.00	39.50 -0.16 0.00	44.06 -0.09 0.00	43.38 0.04 0.00	43.51 -0.13 0.00	44.30 0.22 0.00	50.15 1.08 0.00	50.20 0.55 0.00	50.20 0.55 0.00	47.50 1.25 0.00	49.12 1.57 0.00	53.88 0.59 0.00	54.29 0.16 0.00	65.77 0.00 0.00	55.83 0.11 0.00	53.54 0.05 0.00	52.38 0.21 0.00	48.35 0.53 0.00	48.94 0.58 0.00	44.11 0.22 0.00
FALCON__SEABRD_CC2 323797	49.87 -0.15 0.00	46.27 0.46 0.00	43.41 0.52 0.00	42.14 0.17 0.00	40.78 0.24 0.00	39.50 -0.16 0.00	44.06 -0.09 0.00	43.38 0.04 0.00	43.51 -0.13 0.00	44.30 0.22 0.00	50.15 1.08 0.00	50.20 0.55 0.00	50.20 0.55 0.00	47.50 1.25 0.00	49.12 1.57 0.00	53.88 0.59 0.00	54.29 0.16 0.00	65.77 0.00 0.00	55.83 0.11 0.00	53.54 0.05 0.00	52.38 0.21 0.00	48.35 0.53 0.00	48.94 0.58 0.00	44.11 0.22 0.00

FAR ROCKAWAY___4 23548	59.32 4.55 -4.75	56.32 4.12 -6.39	56.09 3.77 -9.42	55.55 3.65 -9.93	55.39 3.49 -11.37	55.64 3.53 -12.45	59.19 3.97 -11.07	58.31 3.99 -10.99	58.06 4.06 -10.36	56.85 4.19 -8.58	58.05 4.51 -4.47	58.90 4.77 -4.48	61.13 4.67 -6.81	61.33 4.35 -10.73	64.54 4.38 -12.61	71.99 4.74 -13.96	114.63 4.93 -55.57	117.15 6.25 -45.13	106.07 5.24 -45.12	110.52 4.92 -52.11	97.03 4.75 -40.11	89.15 4.50 -36.84	67.89 4.45 -15.08	61.81 4.04 -13.89
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	53.22 3.20 0.00	48.76 2.79 -0.15	48.30 2.57 -2.83	46.22 2.43 -1.82	45.84 2.31 -3.00	46.78 2.42 -4.71	53.41 2.78 -6.49	56.70 2.82 -10.55	55.65 2.92 -9.08	55.66 3.04 -8.54	55.28 3.29 -2.92	57.60 3.53 -4.43	59.89 3.48 -6.77	59.99 3.24 -10.49	63.18 3.19 -12.43	67.51 3.41 -10.81	74.20 3.57 -16.50	89.86 4.60 -19.49	83.14 3.84 -23.58	78.89 3.58 -21.82	73.82 3.44 -18.20	64.14 3.30 -13.02	58.22 3.29 -6.57	53.00 2.85 -6.27
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	53.22 3.20 0.00	48.80 2.84 -0.15	48.30 2.57 -2.83	46.22 2.43 -1.82	45.88 2.35 -3.00	46.78 2.42 -4.71	53.41 2.78 -6.49	56.70 2.82 -10.55	55.65 2.92 -9.08	55.66 3.04 -8.54	55.28 3.29 -2.92	57.60 3.53 -4.43	59.89 3.48 -6.77	59.99 3.24 -10.49	63.18 3.19 -12.43	67.56 3.46 -10.81	74.20 3.57 -16.50	89.93 4.67 -19.49	83.14 3.84 -23.58	78.89 3.58 -21.82	73.82 3.44 -18.20	64.19 3.35 -13.02	58.27 3.34 -6.57	53.05 2.90 -6.27
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	53.22 3.20 0.00	48.76 2.79 -0.15	48.25 2.53 -2.83	46.22 2.43 -1.82	45.84 2.31 -3.00	46.78 2.42 -4.71	53.37 2.74 -6.49	56.70 2.82 -10.55	55.61 2.88 -9.08	55.62 3.00 -8.54	55.23 3.24 -2.92	57.60 3.53 -4.43	59.84 3.43 -6.77	59.94 3.19 -10.49	63.13 3.14 -12.43	67.51 3.41 -10.81	74.14 3.52 -16.50	89.86 4.60 -19.49	83.09 3.79 -23.58	78.84 3.53 -21.82	73.77 3.39 -18.20	64.14 3.30 -13.02	58.22 3.29 -6.57	53.00 2.85 -6.27
FARRAGUT___LBMP 323566	53.17 3.15 0.00	48.71 2.75 -0.15	48.25 2.53 -2.83	46.17 2.39 -1.82	45.80 2.27 -3.00	46.74 2.38 -4.71	53.37 2.74 -6.49	56.65 2.77 -10.55	55.61 2.88 -9.08	55.58 2.95 -8.54	55.23 3.24 -2.92	57.55 3.48 -4.43	59.84 3.43 -6.77	59.89 3.15 -10.49	63.13 3.14 -12.43	67.45 3.36 -10.81	74.09 3.46 -16.50	89.80 4.54 -19.49	83.09 3.79 -23.58	78.84 3.53 -21.82	73.77 3.39 -18.20	64.09 3.25 -13.02	58.17 3.24 -6.57	53.00 2.85 -6.27
FENNER___WINDPWR 24204	50.57 0.55 0.00	46.24 0.41 -0.02	43.64 0.39 -0.36	42.58 0.38 -0.23	41.28 0.36 -0.38	40.61 0.36 -0.60	45.42 0.44 -0.83	45.00 0.31 -1.36	45.12 0.31 -1.17	45.49 0.31 -1.10	49.96 0.35 -0.55	50.88 0.40 -0.84	51.38 0.45 -1.28	48.71 0.42 -2.04	50.45 0.48 -2.42	55.98 0.59 -2.10	58.00 0.65 -3.22	70.49 0.92 -3.80	61.09 0.78 -4.60	58.44 0.69 -4.25	56.40 0.68 -3.55	50.01 0.53 -1.67	49.69 0.48 -0.84	45.04 0.35 -0.80
FIBERTEK___ENERGY 23856	49.17 -0.85 0.00	45.00 -0.82 -0.02	42.38 -0.81 -0.30	41.41 -0.76 -0.19	40.12 -0.73 -0.32	39.48 -0.67 -0.50	44.13 -0.71 -0.69	43.76 -0.69 -1.12	43.87 -0.74 -0.96	44.19 -0.79 -0.91	48.59 -0.83 -0.36	49.40 -0.79 -0.55	49.74 -0.74 -0.83	46.77 -0.79 -1.30	48.29 -0.81 -1.54	53.78 -0.85 -1.34	55.43 -0.76 -2.06	67.28 -0.92 -2.43	57.87 -0.78 -2.94	55.46 -0.75 -2.72	53.71 -0.73 -2.27	48.44 -0.77 -1.39	48.24 -0.82 -0.70	43.85 -0.70 -0.67
FITZPATRICK___ 23598	48.02 -2.00 0.00	43.98 -1.83 -0.01	41.36 -1.72 -0.19	40.45 -1.64 -0.12	39.15 -1.58 -0.20	38.46 -1.51 -0.31	42.85 -1.72 -0.43	42.34 -1.69 -0.69	42.54 -1.70 -0.60	42.88 -1.76 -0.56	47.30 -1.96 -0.19	47.95 -1.99 -0.29	48.11 -1.99 -0.44	45.05 -1.90 -0.69	46.43 -1.95 -0.82	51.87 -2.13 -0.71	53.11 -2.11 -1.09	64.49 -2.57 -1.29	55.10 -2.17 -1.56	52.84 -2.09 -1.44	51.34 -2.04 -1.20	46.81 -1.87 -0.86	46.86 -1.94 -0.43	42.59 -1.71 -0.41
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	53.07 3.05 0.00	48.66 2.70 -0.15	48.27 2.53 -2.85	46.23 2.43 -1.83	45.82 2.27 -3.02	46.69 2.30 -4.74	53.33 2.65 -6.53	56.60 2.64 -10.62	55.49 2.71 -9.14	55.46 2.78 -8.60	55.05 3.04 -2.94	57.34 3.23 -4.46	59.68 3.23 -6.80	59.83 3.01 -10.57	63.12 3.04 -12.52	67.48 3.30 -10.88	74.26 3.52 -16.61	89.87 4.47 -19.62	83.19 3.73 -23.75	78.99 3.53 -21.97	73.84 3.34 -18.33	64.04 3.11 -13.11	58.12 3.14 -6.62	52.92 2.72 -6.31
FORT ORANGE___ 23900	51.52 1.50 0.00	47.37 1.37 -0.19	47.63 1.24 -3.50	45.46 1.26 -2.24	45.45 1.21 -3.70	46.65 1.19 -5.80	53.38 1.23 -8.00	57.51 1.17 -13.00	56.06 1.22 -11.20	55.76 1.14 -10.53	53.94 1.27 -3.60	56.30 1.19 -5.46	59.17 1.19 -8.33	60.35 1.16 -12.94	64.12 1.23 -15.33	68.11 1.49 -13.33	76.04 1.57 -20.35	91.64 1.84 -24.03	86.36 1.56 -29.08	81.95 1.55 -26.91	76.13 1.51 -22.44	65.21 1.34 -16.06	57.82 1.35 -8.10	52.80 1.19 -7.73
FORT_DRUM_COGEN 23780	50.42 0.40 0.00	46.09 0.27 -0.01	43.26 0.21 -0.15	42.15 0.08 -0.10	40.77 0.08 -0.16	39.75 -0.16 -0.25	44.10 -0.40 -0.35	43.21 -0.69 -0.57	43.30 -0.83 -0.49	43.79 -0.75 -0.46	48.59 -0.64 -0.16	49.19 -0.70 -0.24	49.37 -0.65 -0.36	46.36 -0.46 -0.56	47.94 -0.29 -0.67	53.50 -0.37 -0.58	54.80 -0.22 -0.89	67.02 0.20 -1.05	57.26 0.28 -1.27	54.93 0.27 -1.18	53.62 0.47 -0.98	48.86 0.33 -0.70	48.96 0.24 -0.35	44.05 -0.18 -0.34
FOX_HILLS___ESR 323835	53.93 3.90 -0.01	49.40 3.44 -0.16	48.86 3.13 -2.84	46.81 3.02 -1.82	46.42 2.88 -3.01	47.26 2.89 -4.71	53.81 3.18 -6.49	57.04 3.16 -10.55	55.91 3.19 -9.08	55.97 3.35 -8.54	55.62 3.63 -2.92	58.00 3.92 -4.43	60.29 3.87 -6.77	60.40 3.65 -10.49	63.61 3.61 -12.43	67.99 3.89 -10.81	74.63 4.01 -16.50	90.52 5.26 -19.49	83.70 4.40 -23.59	79.43 4.12 -21.82	74.34 3.97 -18.20	64.72 3.87 -13.03	58.90 3.97 -6.58	53.63 3.47 -6.27
FPL_FAR_ROCK_GT1 24212	59.36 4.60 -4.75	56.32 4.12 -6.39	56.09 3.78 -9.42	55.55 3.65 -9.93	55.39 3.49 -11.37	55.64 3.53 -12.45	59.19 3.97 -11.07	58.31 3.98 -10.99	58.06 4.06 -10.36	56.86 4.19 -8.58	58.05 4.51 -4.47	58.90 4.77 -4.48	61.12 4.67 -6.81	61.33 4.35 -10.73	64.54 4.37 -12.61	71.99 4.74 -13.96	114.63 4.93 -55.57	117.21 6.31 -45.13	106.07 5.24 -45.12	110.52 4.92 -52.11	97.03 4.75 -40.11	89.20 4.55 -36.84	67.89 4.45 -15.08	61.81 4.03 -13.89
FPL_FAR_ROCK_GT2 23815	59.36 4.60 -4.75	56.32 4.12 -6.39	56.09 3.78 -9.42	55.55 3.65 -9.93	55.39 3.49 -11.37	55.64 3.53 -12.45	59.19 3.97 -11.07	58.31 3.98 -10.99	58.06 4.06 -10.36	56.86 4.19 -8.58	58.05 4.51 -4.47	58.90 4.77 -4.48	61.12 4.67 -6.81	61.33 4.35 -10.73	64.54 4.37 -12.61	71.99 4.74 -13.96	114.63 4.93 -55.57	117.21 6.31 -45.13	106.07 5.24 -45.12	110.52 4.92 -52.11	97.03 4.75 -40.11	89.20 4.55 -36.84	67.89 4.45 -15.08	61.81 4.03 -13.89
FRANKLIN_FALL_HYD 24054	50.72 0.70 0.00	46.40 0.60 0.00	43.53 0.64 0.00	42.26 0.29 0.00	40.90 0.36 0.00	39.54 -0.12 0.00	44.10 -0.04 0.00	43.29 -0.04 0.00	43.56 -0.09 0.00	44.39 0.31 0.00	50.49 1.42 0.00	50.39 0.74 0.00	50.35 0.70 0.00	47.64 1.39 0.00	49.27 1.71 0.00	53.98 0.69 0.00	54.29 0.16 0.00	65.77 0.00 0.00	55.88 0.17 0.00	53.65 0.16 0.00	52.54 0.37 0.00	48.54 0.72 0.00	49.18 0.82 0.00	44.28 0.39 0.00

FREEPORT_EQUS_GT1 23764	56.00 3.90 -2.08	52.17 3.48 -2.88	51.78 3.17 -5.72	50.39 3.06 -5.36	50.11 2.92 -6.66	50.72 2.98 -8.09	55.99 3.35 -8.49	57.50 3.42 -10.75	56.74 3.45 -9.65	56.25 3.62 -8.56	56.50 3.83 -3.60	58.18 4.07 -4.46	60.41 3.97 -6.78	60.56 3.70 -10.60	63.67 3.61 -12.50	69.31 3.84 -12.18	91.46 3.79 -33.55	101.38 4.94 -30.68	92.76 4.06 -32.98	92.32 3.80 -35.04	83.79 3.86 -27.76	74.91 3.68 -23.41	62.42 3.77 -10.29	56.86 3.38 -9.60
FREEPORT___CT2 23818	56.00 3.90 -2.08	52.17 3.48 -2.88	51.78 3.17 -5.72	50.39 3.06 -5.36	50.11 2.92 -6.66	50.72 2.98 -8.09	55.99 3.35 -8.49	57.50 3.42 -10.75	56.74 3.45 -9.65	56.25 3.62 -8.56	56.50 3.83 -3.60	58.18 4.07 -4.46	60.41 3.97 -6.78	60.56 3.70 -10.60	63.67 3.61 -12.50	69.31 3.84 -12.18	91.46 3.79 -33.55	101.38 4.94 -30.68	92.76 4.06 -32.98	92.32 3.80 -35.04	83.79 3.86 -27.76	74.91 3.68 -23.41	62.42 3.77 -10.29	56.86 3.38 -9.60
FRESHKLS_33_KV_LOAD 356253	54.18 4.15 -0.01	49.63 3.66 -0.16	49.12 3.39 -2.84	47.02 3.23 -1.82	46.62 3.08 -3.01	47.45 3.09 -4.71	54.03 3.40 -6.49	57.22 3.34 -10.55	56.09 3.36 -9.08	56.15 3.53 -8.54	55.77 3.78 -2.92	58.20 4.12 -4.43	60.49 4.07 -6.77	60.54 3.79 -10.49	63.80 3.80 -12.43	68.20 4.10 -10.81	74.90 4.28 -16.50	90.85 5.59 -19.49	83.98 4.68 -23.59	79.69 4.39 -21.82	74.60 4.23 -18.20	64.96 4.11 -13.03	59.15 4.21 -6.58	53.85 3.69 -6.27
FULTON COGEN____ 23766	48.37 -1.65 0.00	44.31 -1.51 -0.01	41.71 -1.42 -0.24	40.78 -1.34 -0.15	39.48 -1.30 -0.25	38.78 -1.27 -0.39	43.27 -1.41 -0.54	42.82 -1.39 -0.87	43.00 -1.40 -0.75	43.33 -1.45 -0.71	47.74 -1.57 -0.24	48.43 -1.59 -0.37	48.62 -1.59 -0.56	45.60 -1.53 -0.87	47.02 -1.57 -1.03	52.54 -1.65 -0.90	53.88 -1.62 -1.37	65.42 -1.97 -1.62	56.06 -1.62 -1.96	53.75 -1.55 -1.81	52.12 -1.57 -1.51	47.42 -1.48 -1.08	47.36 -1.55 -0.55	43.05 -1.36 -0.52
FULTON___LFGE 323630	51.87 1.85 0.00	47.81 1.78 -0.22	48.51 1.63 -3.99	46.08 1.55 -2.56	46.34 1.58 -4.23	47.91 1.63 -6.62	55.17 1.90 -9.13	60.04 1.86 -14.85	58.04 1.62 -12.78	57.30 1.19 -12.02	54.41 1.23 -4.11	57.03 1.14 -6.23	60.35 1.19 -9.51	62.27 1.25 -14.77	66.76 1.71 -17.50	70.90 2.40 -15.21	80.01 2.65 -23.23	96.49 3.29 -27.43	91.64 2.73 -33.20	86.98 2.78 -30.72	80.40 2.61 -25.62	68.49 2.34 -18.33	59.93 2.32 -9.25	54.37 1.67 -8.82
G.F.CEMENT___DRP 24184	53.57 3.55 0.00	49.44 3.44 -0.20	49.67 3.13 -3.65	47.37 3.06 -2.34	47.43 3.04 -3.86	48.76 3.05 -6.05	55.94 3.44 -8.35	60.41 3.51 -13.57	58.99 3.67 -11.68	58.77 3.70 -10.99	57.09 4.27 -3.76	59.42 4.07 -5.70	62.21 3.87 -8.69	63.22 3.47 -13.50	67.31 3.76 -16.00	71.57 4.37 -13.90	79.80 4.44 -21.23	96.11 5.26 -25.08	90.41 4.35 -30.35	85.90 4.33 -28.07	79.82 4.23 -23.42	68.30 3.73 -16.75	60.68 3.87 -8.45	55.11 3.16 -8.06
GARDENVILLE___LBMP 24039	47.12 -2.90 0.00	42.86 -2.98 -0.03	40.28 -3.09 -0.48	39.34 -2.94 -0.31	38.12 -2.92 -0.51	37.64 -2.82 -0.80	42.20 -3.05 -1.10	42.11 -3.03 -1.81	41.58 -3.62 -1.55	41.58 -3.97 -1.46	44.46 -4.81 -0.20	45.08 -4.87 -0.29	45.18 -4.92 -0.44	42.25 -4.67 -0.66	43.54 -4.80 -0.78	48.89 -5.06 -0.67	49.88 -5.25 -1.00	60.64 -6.31 -1.18	51.52 -5.63 -1.43	49.73 -5.08 -1.33	48.43 -4.85 -1.11	45.63 -4.40 -2.21	45.31 -4.16 -1.11	41.92 -3.03 -1.06
GARDNVLA_35_KV_LD 355827	47.42 -2.60 0.00	43.04 -2.79 -0.03	40.46 -2.92 -0.48	39.47 -2.81 -0.31	38.25 -2.80 -0.51	37.76 -2.70 -0.80	42.34 -2.91 -1.11	42.33 -2.82 -1.81	41.75 -3.45 -1.56	41.80 -3.75 -1.47	44.71 -4.56 -0.21	45.33 -4.62 -0.30	45.49 -4.62 -0.45	42.63 -4.30 -0.68	43.89 -4.47 -0.80	49.28 -4.69 -0.68	50.23 -4.93 -1.03	61.00 -5.99 -1.22	51.89 -5.29 -1.47	50.04 -4.81 -1.36	48.72 -4.59 -1.14	45.92 -4.11 -2.22	45.56 -3.92 -1.12	42.10 -2.85 -1.07
GELCKHM___115KV_LOAD 80723	48.87 -1.15 0.00	44.72 -1.10 -0.01	42.13 -1.03 -0.27	41.17 -0.97 -0.17	39.88 -0.93 -0.28	39.22 -0.87 -0.44	43.78 -0.97 -0.61	43.36 -0.95 -0.98	43.53 -0.96 -0.85	43.86 -1.01 -0.80	48.21 -1.13 -0.27	48.97 -1.09 -0.41	49.19 -1.09 -0.63	46.17 -1.06 -0.98	47.58 -1.14 -1.16	53.13 -1.17 -1.01	54.59 -1.08 -1.54	66.28 -1.32 -1.82	56.81 -1.11 -2.21	54.46 -1.07 -2.04	52.78 -1.10 -1.70	47.99 -1.05 -1.22	47.91 -1.06 -0.61	43.55 -0.92 -0.59
GENERAL___MILLS 23808	47.27 -2.75 0.00	42.90 -2.93 -0.03	40.33 -3.05 -0.48	39.38 -2.90 -0.31	38.12 -2.92 -0.51	37.64 -2.82 -0.80	42.20 -3.05 -1.11	42.20 -2.95 -1.81	41.62 -3.58 -1.56	41.62 -3.92 -1.47	44.52 -4.76 -0.20	45.18 -4.77 -0.30	45.28 -4.82 -0.45	42.44 -4.49 -0.68	43.70 -4.66 -0.80	49.02 -4.96 -0.68	50.01 -5.14 -1.03	60.80 -6.18 -1.21	51.72 -5.46 -1.46	49.87 -4.97 -1.36	48.51 -4.80 -1.13	45.73 -4.30 -2.21	45.37 -4.11 -1.12	41.97 -2.98 -1.07
GE_PLASTICS___DRP 24183	51.22 1.20 0.00	47.14 1.15 -0.19	47.40 1.03 -3.48	45.25 1.05 -2.23	45.24 1.01 -3.69	46.39 0.95 -5.78	53.13 1.02 -7.97	57.25 0.95 -12.96	55.81 1.00 -11.16	55.59 1.01 -10.50	53.79 1.13 -3.59	56.19 1.09 -5.44	59.04 1.09 -8.30	60.17 1.02 -12.90	63.93 1.09 -15.28	67.80 1.23 -13.28	75.65 1.24 -20.28	91.17 1.45 -23.95	85.93 1.23 -28.99	81.48 1.18 -26.82	75.75 1.20 -22.37	64.87 1.05 -16.00	57.55 1.11 -8.08	52.55 0.97 -7.70
GILBOA___1 23756	51.27 1.25 0.00	47.05 1.10 -0.15	46.81 1.16 -2.76	44.87 1.13 -1.77	44.55 1.09 -2.92	45.19 0.95 -4.58	51.52 1.06 -6.32	54.69 1.08 -10.27	53.58 1.09 -8.85	53.50 1.10 -8.32	53.14 1.23 -2.84	55.21 1.24 -4.31	57.47 1.24 -6.58	57.63 1.16 -10.22	60.85 1.19 -12.11	65.09 1.28 -10.52	71.44 1.25 -16.07	86.20 1.45 -18.98	79.97 1.28 -22.97	75.97 1.23 -21.25	71.21 1.30 -17.73	61.70 1.20 -12.68	55.97 1.21 -6.40	51.09 1.10 -6.10
GILBOA___2 23757	51.27 1.25 0.00	47.05 1.10 -0.15	46.81 1.16 -2.76	44.87 1.13 -1.77	44.55 1.09 -2.92	45.19 0.95 -4.58	51.52 1.06 -6.32	54.69 1.08 -10.27	53.58 1.09 -8.85	53.50 1.10 -8.32	53.14 1.23 -2.84	55.21 1.24 -4.31	57.47 1.24 -6.58	57.63 1.16 -10.22	60.85 1.19 -12.11	65.09 1.28 -10.52	71.44 1.25 -16.07	86.20 1.45 -18.98	79.97 1.28 -22.97	75.97 1.23 -21.25	71.21 1.30 -17.73	61.70 1.20 -12.68	55.97 1.21 -6.40	51.09 1.10 -6.10
GILBOA___3 23758	51.27 1.25 0.00	47.05 1.10 -0.15	46.81 1.16 -2.76	44.87 1.13 -1.77	44.55 1.09 -2.92	45.19 0.95 -4.58	51.52 1.06 -6.32	54.69 1.08 -10.27	53.58 1.09 -8.85	53.50 1.10 -8.32	53.14 1.23 -2.84	55.21 1.24 -4.31	57.47 1.24 -6.58	57.63 1.16 -10.22	60.85 1.19 -12.11	65.09 1.28 -10.52	71.44 1.25 -16.07	86.20 1.45 -18.98	79.97 1.28 -22.97	75.97 1.23 -21.25	71.21 1.30 -17.73	61.70 1.20 -12.68	55.97 1.21 -6.40	51.09 1.10 -6.10
GILBOA___4 23759	51.27 1.25 0.00	47.05 1.10 -0.15	46.81 1.16 -2.76	44.87 1.13 -1.77	44.55 1.09 -2.92	45.19 0.95 -4.58	51.52 1.06 -6.32	54.69 1.08 -10.27	53.58 1.09 -8.85	53.50 1.10 -8.32	53.14 1.23 -2.84	55.21 1.24 -4.31	57.47 1.24 -6.58	57.63 1.16 -10.22	60.85 1.19 -12.11	65.09 1.28 -10.52	71.44 1.25 -16.07	86.20 1.45 -18.98	79.97 1.28 -22.97	75.97 1.23 -21.25	71.21 1.30 -17.73	61.70 1.20 -12.68	55.97 1.21 -6.40	51.09 1.10 -6.10

GILBOA____ 23599	51.27 1.25 0.00	47.06 1.10 -0.15	46.81 1.16 -2.76	44.87 1.13 -1.77	44.55 1.09 -2.92	45.19 0.95 -4.58	51.52 1.06 -6.32	54.69 1.08 -10.27	53.58 1.09 -8.85	53.50 1.10 -8.32	53.14 1.23 -2.84	55.21 1.24 -4.31	57.47 1.24 -6.58	57.63 1.16 -10.22	60.86 1.19 -12.11	65.10 1.28 -10.52	71.44 1.24 -16.07	86.20 1.45 -18.98	79.97 1.28 -22.97	75.97 1.23 -21.25	71.21 1.30 -17.73	61.70 1.20 -12.68	55.97 1.21 -6.40	51.08 1.10 -6.10
GINNA____ 23603	46.02 -4.00 0.00	42.25 -3.57 -0.02	39.81 -3.39 -0.31	38.98 -3.19 -0.20	37.74 -3.12 -0.33	37.16 -3.02 -0.52	41.64 -3.22 -0.72	41.31 -3.16 -1.14	41.35 -3.27 -0.98	41.70 -3.31 -0.92	45.63 -3.68 -0.24	46.19 -3.82 -0.36	46.22 -3.97 -0.55	43.28 -3.79 -0.81	44.67 -3.85 -0.96	50.13 -4.00 -0.84	51.46 -3.95 -1.28	62.28 -5.00 -1.51	53.03 -4.51 -1.83	51.28 -3.90 -1.69	49.78 -3.81 -1.41	45.72 -3.54 -1.44	45.51 -3.58 -0.73	41.46 -3.11 -0.69
GLEN PARK____ 23778	50.42 0.40 0.00	46.23 0.41 -0.01	43.35 0.30 -0.16	42.28 0.21 -0.10	40.86 0.16 -0.17	39.88 -0.04 -0.26	44.24 -0.26 -0.36	43.35 -0.56 -0.59	43.41 -0.74 -0.50	43.94 -0.62 -0.47	48.69 -0.54 -0.16	49.25 -0.65 -0.25	49.48 -0.55 -0.38	46.47 -0.37 -0.58	48.06 -0.19 -0.69	53.68 -0.21 -0.60	55.05 0.00 -0.92	67.45 0.59 -1.09	57.64 0.61 -1.31	55.29 0.59 -1.22	53.97 0.78 -1.01	49.12 0.58 -0.73	49.16 0.43 -0.37	44.23 0.00 -0.35
GLENDALE_27_KV_LOAD 356172	53.62 3.60 0.00	49.12 3.16 -0.15	48.60 2.87 -2.83	46.51 2.73 -1.82	46.17 2.63 -3.00	47.06 2.70 -4.71	53.68 3.05 -6.49	56.96 3.08 -10.55	55.91 3.19 -9.08	55.93 3.31 -8.54	55.57 3.58 -2.92	57.95 3.87 -4.43	60.19 3.77 -6.77	60.31 3.56 -10.49	63.51 3.52 -12.43	67.83 3.73 -10.81	74.47 3.84 -16.50	90.26 5.00 -19.49	83.48 4.18 -23.59	79.21 3.90 -21.82	74.13 3.76 -18.20	64.47 3.63 -13.02	58.61 3.68 -6.57	53.35 3.20 -6.27
GLENWOOD_IC_1_G5 23712	55.25 3.50 -1.73	51.34 3.11 -2.42	50.99 2.87 -5.23	49.46 2.73 -4.76	49.21 2.63 -6.04	49.87 2.70 -7.52	55.35 3.05 -8.16	57.13 3.08 -10.72	56.34 3.14 -9.55	55.89 3.26 -8.55	56.09 3.53 -3.49	57.83 3.72 -4.46	60.11 3.67 -6.78	60.26 3.42 -10.59	63.43 3.38 -12.49	68.86 3.62 -11.94	88.52 3.73 -30.65	99.35 4.80 -28.77	91.11 4.01 -31.38	90.02 3.74 -32.79	81.91 3.60 -26.14	72.91 3.44 -21.65	61.50 3.48 -9.66	56.04 3.12 -9.04
GLENWOOD_IC_2_G1 23688	53.22 3.20 0.00	48.80 2.84 -0.15	48.30 2.57 -2.84	46.26 2.48 -1.82	45.88 2.35 -3.00	46.78 2.42 -4.71	53.42 2.78 -6.49	56.70 2.82 -10.55	55.61 2.88 -9.08	55.58 2.95 -8.54	55.18 3.19 -2.92	57.50 3.42 -4.43	59.73 3.33 -6.75	59.89 3.15 -10.49	63.08 3.09 -12.43	67.41 3.31 -10.81	74.04 3.41 -16.50	89.74 4.47 -19.49	82.98 3.68 -23.59	78.74 3.43 -21.82	73.72 3.34 -18.21	64.05 3.20 -13.02	58.12 3.19 -6.57	53.00 2.85 -6.27
GLENWOOD_IC_3_G1 23689	53.22 3.20 0.00	48.80 2.84 -0.15	48.30 2.57 -2.84	46.26 2.48 -1.82	45.88 2.35 -3.00	46.78 2.42 -4.71	53.42 2.78 -6.49	56.70 2.82 -10.55	55.61 2.88 -9.08	55.58 2.95 -8.54	55.18 3.19 -2.92	57.50 3.42 -4.43	59.73 3.33 -6.75	59.89 3.15 -10.49	63.08 3.09 -12.43	67.41 3.31 -10.81	74.04 3.41 -16.50	89.74 4.47 -19.49	82.98 3.68 -23.59	78.74 3.43 -21.82	73.72 3.34 -18.21	64.05 3.20 -13.02	58.12 3.19 -6.57	53.00 2.85 -6.27
GLENWOOD____4 23550	55.25 3.50 -1.73	51.34 3.11 -2.42	50.99 2.87 -5.23	49.46 2.73 -4.76	49.21 2.63 -6.04	49.87 2.70 -7.52	55.35 3.05 -8.16	57.13 3.08 -10.72	56.34 3.14 -9.55	55.89 3.26 -8.55	56.09 3.53 -3.49	57.83 3.72 -4.46	60.11 3.67 -6.78	60.26 3.42 -10.59	63.43 3.38 -12.49	68.86 3.62 -11.94	88.52 3.73 -30.65	99.35 4.80 -28.77	91.11 4.01 -31.38	90.02 3.74 -32.79	81.91 3.60 -26.14	72.91 3.44 -21.65	61.50 3.48 -9.66	56.04 3.12 -9.04
GLENWOOD____5 23614	55.25 3.50 -1.73	51.34 3.11 -2.42	50.99 2.87 -5.23	49.46 2.73 -4.76	49.21 2.63 -6.04	49.87 2.70 -7.52	55.35 3.05 -8.16	57.13 3.08 -10.72	56.34 3.14 -9.55	55.89 3.26 -8.55	56.09 3.53 -3.49	57.83 3.72 -4.46	60.11 3.67 -6.78	60.26 3.42 -10.59	63.43 3.38 -12.49	68.86 3.62 -11.94	88.52 3.73 -30.65	99.35 4.80 -28.77	91.11 4.01 -31.38	90.02 3.74 -32.79	81.91 3.60 -26.14	72.91 3.44 -21.65	61.50 3.48 -9.66	56.04 3.12 -9.04
GLOBAL GREEN_PORT_GT1 23814	55.57 5.25 -0.30	51.12 4.76 -0.55	50.68 4.54 -3.25	48.87 4.58 -2.33	48.56 4.50 -3.53	49.53 4.68 -5.19	56.31 5.38 -6.78	59.25 5.33 -10.58	58.27 5.45 -9.17	57.82 5.20 -8.54	57.78 5.69 -3.02	59.85 5.76 -4.44	61.93 5.51 -6.77	61.81 5.04 -10.51	64.94 4.95 -12.44	69.35 5.07 -11.00	78.51 5.46 -18.92	93.42 6.58 -21.07	86.09 5.46 -24.92	81.68 4.49 -23.69	75.75 4.02 -19.56	66.23 3.92 -14.49	59.72 4.26 -7.11	54.58 3.95 -6.75
GLOBE____DSASP 323697	45.47 -4.55 0.00	42.44 -3.39 -0.02	40.11 -3.22 -0.44	39.18 -3.06 -0.28	38.00 -3.00 -0.46	37.49 -2.89 -0.73	42.01 -3.13 -1.00	41.33 -3.64 -1.63	40.69 -4.32 -1.36	40.78 -4.58 -1.28	43.72 -5.54 -0.19	44.15 -5.81 -0.31	44.16 -5.96 -0.47	41.30 -5.64 -0.69	42.57 -5.80 -0.81	48.12 -5.86 -0.69	49.02 -6.17 -1.07	59.07 -7.96 -1.26	50.44 -6.80 -1.52	48.95 -5.94 -1.40	47.65 -5.69 -1.16	44.81 -4.97 -1.96	44.60 -4.74 -0.98	41.69 -3.16 -0.97
GOETHSLN____LBMP 323567	52.92 2.90 0.00	48.53 2.57 -0.15	48.04 2.32 -2.83	46.01 2.22 -1.82	45.64 2.11 -3.00	46.58 2.22 -4.71	53.19 2.56 -6.49	56.48 2.60 -10.55	55.43 2.71 -9.08	55.44 2.82 -8.54	55.03 3.04 -2.92	57.36 3.28 -4.43	59.65 3.23 -6.77	59.75 3.01 -10.49	62.94 2.95 -12.43	67.24 3.14 -10.81	73.87 3.25 -16.50	89.53 4.28 -19.49	82.86 3.57 -23.58	78.62 3.32 -21.82	73.56 3.18 -18.20	63.90 3.06 -13.02	57.98 3.05 -6.57	52.78 2.63 -6.27
GOLAH____69_KV_TB 1_2 80279	48.27 -1.75 0.00	44.18 -1.65 -0.02	41.69 -1.54 -0.34	40.76 -1.43 -0.22	39.48 -1.42 -0.36	38.92 -1.31 -0.57	43.56 -1.37 -0.79	43.22 -1.34 -1.23	43.05 -1.66 -1.06	43.27 -1.81 -1.00	47.08 -2.21 -0.22	47.60 -2.38 -0.33	47.62 -2.53 -0.50	44.44 -2.50 -0.68	45.79 -2.57 -0.80	51.64 -2.40 -0.75	52.94 -2.33 -1.14	64.02 -3.09 -1.34	54.50 -2.84 -1.62	52.80 -2.19 -1.50	51.34 -2.09 -1.26	47.49 -1.91 -1.58	47.37 -1.79 -0.80	43.46 -1.18 -0.76
GOODYEAR_LAKE_HYD 323669	51.27 1.25 0.00	46.91 1.05 -0.05	44.80 0.99 -0.93	43.48 0.92 -0.59	42.40 0.89 -0.98	42.10 0.91 -1.54	47.32 1.06 -2.12	47.78 1.00 -3.45	47.62 1.00 -2.97	47.98 1.10 -2.80	51.15 1.13 -0.96	52.39 1.29 -1.45	53.20 1.34 -2.21	50.89 1.20 -3.44	52.91 1.28 -4.07	58.26 1.44 -3.53	61.03 1.52 -5.39	74.17 2.04 -6.36	65.14 1.73 -7.70	62.22 1.60 -7.13	59.63 1.51 -5.94	53.36 1.29 -4.25	51.76 1.26 -2.15	46.94 1.01 -2.05
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	49.57 -0.45 0.00	45.31 -0.55 -0.05	43.19 -0.64 -0.95	41.99 -0.59 -0.61	40.97 -0.57 -1.00	40.67 -0.56 -1.57	45.78 -0.53 -2.17	46.36 -0.52 -3.55	46.05 -0.65 -3.06	46.21 -0.75 -2.88	48.94 -0.93 -0.80	49.96 -0.89 -1.21	50.64 -0.84 -1.84	48.29 -0.83 -2.87	50.05 -0.90 -3.39	55.26 -0.96 -2.93	57.72 -0.87 -4.46	70.12 -0.92 -5.27	61.25 -0.84 -6.38	58.59 -0.80 -5.90	56.31 -0.78 -4.92	51.41 -0.77 -4.35	49.74 -0.82 -2.20	45.45 -0.53 -2.10

GOUDEY___7 23579	49.57 -0.45 0.00	45.31 -0.55 -0.05	43.19 -0.64 -0.95	41.99 -0.59 -0.61	40.97 -0.57 -1.00	40.67 -0.56 -1.57	45.78 -0.53 -2.17	46.36 -0.52 -3.55	46.05 -0.65 -3.06	46.21 -0.75 -2.88	48.94 -0.93 -0.80	49.96 -0.89 -1.21	50.64 -0.84 -1.84	48.29 -0.83 -2.87	50.05 -0.90 -3.39	55.26 -0.96 -2.93	57.72 -0.87 -4.46	70.12 -0.92 -5.27	61.25 -0.84 -6.38	58.59 -0.80 -5.90	56.31 -0.78 -4.92	51.41 -0.77 -4.35	49.74 -0.82 -2.20	45.45 -0.53 -2.10
GOUDEY___8 23580	49.57 -0.45 0.00	45.31 -0.55 -0.05	43.19 -0.64 -0.95	41.99 -0.59 -0.61	40.97 -0.57 -1.00	40.67 -0.56 -1.57	45.78 -0.53 -2.17	46.36 -0.52 -3.55	46.05 -0.65 -3.06	46.21 -0.75 -2.88	48.94 -0.93 -0.80	49.96 -0.89 -1.21	50.64 -0.84 -1.84	48.29 -0.83 -2.87	50.05 -0.90 -3.39	55.26 -0.96 -2.93	57.72 -0.87 -4.46	70.12 -0.92 -5.27	61.25 -0.84 -6.38	58.59 -0.80 -5.90	56.31 -0.78 -4.92	51.41 -0.77 -4.35	49.74 -0.82 -2.20	45.45 -0.53 -2.10
GOWANUS_GT1_1 24077	53.78 3.75 -0.01	49.27 3.30 -0.16	48.78 3.05 -2.84	46.69 2.90 -1.82	46.30 2.76 -3.01	47.18 2.82 -4.71	53.72 3.09 -6.49	57.00 3.12 -10.55	55.91 3.19 -9.08	55.97 3.35 -8.54	55.62 3.63 -2.92	58.00 3.92 -4.43	60.29 3.87 -6.77	60.36 3.61 -10.49	63.56 3.57 -12.43	67.94 3.84 -10.81	74.58 3.95 -16.50	90.39 5.13 -19.49	83.59 4.29 -23.59	79.32 4.01 -21.82	74.24 3.86 -18.20	64.63 3.78 -13.03	58.76 3.82 -6.58	53.54 3.38 -6.27
GOWANUS_GT1_2 24078	53.78 3.75 -0.01	49.27 3.30 -0.16	48.78 3.05 -2.84	46.69 2.90 -1.82	46.30 2.76 -3.01	47.18 2.82 -4.71	53.72 3.09 -6.49	57.00 3.12 -10.55	55.91 3.19 -9.08	55.97 3.35 -8.54	55.62 3.63 -2.92	58.00 3.92 -4.43	60.29 3.87 -6.77	60.36 3.61 -10.49	63.56 3.57 -12.43	67.94 3.84 -10.81	74.58 3.95 -16.50	90.39 5.13 -19.49	83.59 4.29 -23.59	79.32 4.01 -21.82	74.24 3.86 -18.20	64.63 3.78 -13.03	58.76 3.82 -6.58	53.54 3.38 -6.27
GOWANUS_GT1_3 24079	53.78 3.75 -0.01	49.27 3.30 -0.16	48.78 3.05 -2.84	46.69 2.90 -1.82	46.30 2.76 -3.01	47.18 2.82 -4.71	53.72 3.09 -6.49	57.00 3.12 -10.55	55.91 3.19 -9.08	55.97 3.35 -8.54	55.62 3.63 -2.92	58.00 3.92 -4.43	60.29 3.87 -6.77	60.36 3.61 -10.49	63.56 3.57 -12.43	67.94 3.84 -10.81	74.58 3.95 -16.50	90.39 5.13 -19.49	83.59 4.29 -23.59	79.32 4.01 -21.82	74.24 3.86 -18.20	64.63 3.78 -13.03	58.76 3.82 -6.58	53.54 3.38 -6.27
GOWANUS_GT1_4 24080	53.78 3.75 -0.01	49.27 3.30 -0.16	48.78 3.05 -2.84	46.69 2.90 -1.82	46.30 2.76 -3.01	47.18 2.82 -4.71	53.72 3.09 -6.49	57.00 3.12 -10.55	55.91 3.19 -9.08	55.97 3.35 -8.54	55.62 3.63 -2.92	58.00 3.92 -4.43	60.29 3.87 -6.77	60.36 3.61 -10.49	63.56 3.57 -12.43	67.94 3.84 -10.81	74.58 3.95 -16.50	90.39 5.13 -19.49	83.59 4.29 -23.59	79.32 4.01 -21.82	74.24 3.86 -18.20	64.63 3.78 -13.03	58.76 3.82 -6.58	53.54 3.38 -6.27
GOWANUS_GT1_5 24084	53.78 3.75 -0.01	49.27 3.30 -0.16	48.78 3.05 -2.84	46.69 2.90 -1.82	46.30 2.76 -3.01	47.18 2.82 -4.71	53.72 3.09 -6.49	57.00 3.12 -10.55	55.91 3.19 -9.08	55.97 3.35 -8.54	55.62 3.63 -2.92	58.00 3.92 -4.43	60.29 3.87 -6.77	60.36 3.61 -10.49	63.56 3.57 -12.43	67.94 3.84 -10.81	74.58 3.95 -16.50	90.39 5.13 -19.49	83.59 4.29 -23.59	79.32 4.01 -21.82	74.24 3.86 -18.20	64.63 3.78 -13.03	58.76 3.82 -6.58	

GOWANUS_GT2_6 24119	53.88 3.85 -0.01	49.31 3.34 -0.16	48.78 3.05 -2.84	46.68 2.89 -1.82	46.30 2.76 -3.01	47.18 2.82 -4.71	53.72 3.09 -6.49	57.00 3.12 -10.55	55.91 3.18 -9.08	55.97 3.35 -8.54	55.62 3.63 -2.92	58.01 3.92 -4.44	60.29 3.88 -6.77	60.36 3.61 -10.50	63.56 3.57 -12.43	67.94 3.84 -10.81	74.58 3.95 -16.50	90.45 5.19 -19.49	83.59 4.29 -23.59	79.32 4.01 -21.82	74.24 3.86 -18.20	64.67 3.83 -13.03	58.76 3.82 -6.58	53.54 3.38 -6.27
GOWANUS_GT2_7 24120	53.88 3.85 -0.01	49.31 3.34 -0.16	48.78 3.05 -2.84	46.68 2.89 -1.82	46.30 2.76 -3.01	47.18 2.82 -4.71	53.72 3.09 -6.49	57.00 3.12 -10.55	55.91 3.18 -9.08	55.97 3.35 -8.54	55.62 3.63 -2.92	58.01 3.92 -4.44	60.29 3.88 -6.77	60.36 3.61 -10.50	63.56 3.57 -12.43	67.94 3.84 -10.81	74.58 3.95 -16.50	90.45 5.19 -19.49	83.59 4.29 -23.59	79.32 4.01 -21.82	74.24 3.86 -18.20	64.67 3.83 -13.03	58.76 3.82 -6.58	53.54 3.38 -6.27
GOWANUS_GT2_8 24121	53.88 3.85 -0.01	49.31 3.34 -0.16	48.78 3.05 -2.84	46.68 2.89 -1.82	46.30 2.76 -3.01	47.18 2.82 -4.71	53.72 3.09 -6.49	57.00 3.12 -10.55	55.91 3.18 -9.08	55.97 3.35 -8.54	55.62 3.63 -2.92	58.01 3.92 -4.44	60.29 3.88 -6.77	60.36 3.61 -10.50	63.56 3.57 -12.43	67.94 3.84 -10.81	74.58 3.95 -16.50	90.45 5.19 -19.49	83.59 4.29 -23.59	79.32 4.01 -21.82	74.24 3.86 -18.20	64.67 3.83 -13.03	58.76 3.82 -6.58	53.54 3.38 -6.27
GOWANUS_GT3_1 24122	53.88 3.85 -0.01	49.31 3.34 -0.16	48.78 3.05 -2.84	46.68 2.89 -1.82	46.30 2.76 -3.01	47.18 2.82 -4.71	53.72 3.09 -6.49	57.00 3.12 -10.55	55.91 3.18 -9.08	55.97 3.35 -8.54	55.62 3.63 -2.92	58.01 3.92 -4.44	60.29 3.88 -6.77	60.36 3.61 -10.50	63.56 3.57 -12.43	67.94 3.84 -10.81	74.58 3.95 -16.50	90.45 5.19 -19.49	83.59 4.29 -23.59	79.32 4.01 -21.82	74.24 3.86 -18.20	64.67 3.83 -13.03	58.76 3.82 -6.58	53.54 3.38 -6.27
GOWANUS_GT3_2 24123	53.88 3.85 -0.01	49.31 3.34 -0.16	48.78 3.05 -2.84	46.68 2.89 -1.82	46.30 2.76 -3.01	47.18 2.82 -4.71	53.72 3.09 -6.49	57.00 3.12 -10.55	55.91 3.18 -9.08	55.97 3.35 -8.54	55.62 3.63 -2.92	58.01 3.92 -4.44	60.29 3.88 -6.77	60.36 3.61 -10.50	63.56 3.57 -12.43	67.94 3.84 -10.81	74.58 3.95 -16.50	90.45 5.19 -19.49	83.59 4.29 -23.59	79.32 4.01 -21.82	74.24 3.86 -18.20	64.67 3.83 -13.03	58.76 3.82 -6.58	53.54 3.38 -6.27
GOWANUS_GT3_3 24124	53.88 3.85 -0.01	49.31 3.34 -0.16	48.78 3.05 -2.84	46.68 2.89 -1.82	46.30 2.76 -3.01	47.18 2.82 -4.71	53.72 3.09 -6.49	57.00 3.12 -10.55	55.91 3.18 -9.08	55.97 3.35 -8.54	55.62 3.63 -2.92	58.01 3.92 -4.44	60.29 3.88 -6.77	60.36 3.61 -10.50	63.56 3.57 -12.43	67.94 3.84 -10.81	74.58 3.95 -16.50	90.45 5.19 -19.49	83.59 4.29 -23.59	79.32 4.01 -21.82	74.24 3.86 -18.20	64.67 3.83 -13.03	58.76 3.82 -6.58	53.54 3.38 -6.27
GOWANUS_GT3_4 24125	53.88 3.85 -0.01	49.31 3.34 -0.16	48.78 3.05 -2.84	46.68 2.89 -1.82	46.30 2.76 -3.01	47.18 2.82 -4.71	53.72 3.09 -6.49	57.00 3.12 -10.55	55.91 3.18 -9.08	55.97 3.35 -8.54	55.62 3.63 -2.92	58.01 3.92 -4.44	60.29 3.88 -6.77	60.36 3.61 -10.50	63.56 3.57 -12.43	67.94 3.84 -10.81	74.58 3.95 -16.50	90.45 5.19 -19.49	83.59 4.29 -23.59	79.32 4.01 -21.82	74.24 3.86 -18.20	64.67 3.83 -13.03	58.76 3.82 -6.58	53.54 3.38 -6.27

GOWANUS_GT4_5 24134	53.78 3.75 -0.01	49.27 3.30 -0.16	48.78 3.05 -2.84	46.69 2.90 -1.82	46.30 2.76 -3.01	47.18 2.82 -4.71	53.72 3.09 -6.49	57.00 3.12 -10.55	55.91 3.19 -9.08	55.97 3.35 -8.54	55.62 3.63 -2.92	58.00 3.92 -4.43	60.29 3.87 -6.77	60.36 3.61 -10.49	63.56 3.57 -12.43	67.94 3.84 -10.81	74.58 3.95 -16.50	90.39 5.13 -19.49	83.59 4.29 -23.59	79.32 4.01 -21.82	74.24 3.86 -18.20	64.63 3.78 -13.03	58.76 3.82 -6.58	53.54 3.38 -6.27
GOWANUS_GT4_6 24135	53.78 3.75 -0.01	49.27 3.30 -0.16	48.78 3.05 -2.84	46.69 2.90 -1.82	46.30 2.76 -3.01	47.18 2.82 -4.71	53.72 3.09 -6.49	57.00 3.12 -10.55	55.91 3.19 -9.08	55.97 3.35 -8.54	55.62 3.63 -2.92	58.00 3.92 -4.43	60.29 3.87 -6.77	60.36 3.61 -10.49	63.56 3.57 -12.43	67.94 3.84 -10.81	74.58 3.95 -16.50	90.39 5.13 -19.49	83.59 4.29 -23.59	79.32 4.01 -21.82	74.24 3.86 -18.20	64.63 3.78 -13.03	58.76 3.82 -6.58	53.54 3.38 -6.27
GOWANUS_GT4_7 24136	53.78 3.75 -0.01	49.27 3.30 -0.16	48.78 3.05 -2.84	46.69 2.90 -1.82	46.30 2.76 -3.01	47.18 2.82 -4.71	53.72 3.09 -6.49	57.00 3.12 -10.55	55.91 3.19 -9.08	55.97 3.35 -8.54	55.62 3.63 -2.92	58.00 3.92 -4.43	60.29 3.87 -6.77	60.36 3.61 -10.49	63.56 3.57 -12.43	67.94 3.84 -10.81	74.58 3.95 -16.50	90.39 5.13 -19.49	83.59 4.29 -23.59	79.32 4.01 -21.82	74.24 3.86 -18.20	64.63 3.78 -13.03	58.76 3.82 -6.58	53.54 3.38 -6.27
GOWANUS_GT4_8 24137	53.78 3.75 -0.01	49.27 3.30 -0.16	48.78 3.05 -2.84	46.69 2.90 -1.82	46.30 2.76 -3.01	47.18 2.82 -4.71	53.72 3.09 -6.49	57.00 3.12 -10.55	55.91 3.19 -9.08	55.97 3.35 -8.54	55.62 3.63 -2.92	58.00 3.92 -4.43	60.29 3.87 -6.77	60.36 3.61 -10.49	63.56 3.57 -12.43	67.94 3.84 -10.81	74.58 3.95 -16.50	90.39 5.13 -19.49	83.59 4.29 -23.59	79.32 4.01 -21.82	74.24 3.86 -18.20	64.63 3.78 -13.03	58.76 3.82 -6.58	53.54 3.38 -6.27
GREATVR_69_KV_BK1 356245	54.54 4.05 -0.47	50.20 3.62 -0.77	49.68 3.30 -3.49	47.77 3.19 -2.61	47.40 3.04 -3.83	48.30 3.17 -5.47	54.71 3.62 -6.94	57.53 3.60 -10.60	56.53 3.67 -9.22	56.98 4.36 -8.54	56.02 3.88 -3.08	59.06 4.97 -4.44	61.28 4.87 -6.77	60.67 3.89 -10.53	64.47 4.47 -12.45	68.29 3.89 -11.11	78.60 4.17 -20.31	93.02 5.26 -21.99	85.85 4.46 -25.68	82.33 4.07 -24.77	76.37 3.86 -20.34	66.94 3.78 -15.34	59.78 4.01 -7.41	54.46 3.55 -7.02
GREENBSH_115KV_TB3 55895	51.22 1.20 0.00	47.19 1.19 -0.19	47.47 1.07 -3.51	45.31 1.09 -2.25	45.30 1.05 -3.72	46.47 0.99 -5.82	53.23 1.06 -8.03	57.34 0.95 -13.05	55.93 1.05 -11.24	55.71 1.06 -10.57	53.91 1.23 -3.61	56.27 1.14 -5.48	59.15 1.14 -8.36	60.30 1.06 -12.99	64.08 1.14 -15.39	68.00 1.33 -13.37	75.85 1.30 -20.42	91.40 1.51 -24.12	86.13 1.23 -29.19	81.72 1.23 -27.00	75.90 1.20 -22.53	65.03 1.10 -16.11	57.60 1.11 -8.13	52.65 1.01 -7.76
GREENDGE_115KV_TB5 80291	49.42 -0.60 0.00	44.93 -0.92 -0.04	42.49 -1.12 -0.71	41.42 -1.01 -0.46	40.23 -1.05 -0.75	39.89 -0.95 -1.18	44.89 -0.88 -1.63	45.18 -0.91 -2.75	44.70 -1.31 -2.37	44.59 -1.72 -2.23	46.52 -2.16 0.39	46.77 -2.23 0.65	46.45 -2.18 1.02	42.44 -2.17 1.64	43.36 -2.24 1.96	49.16 -2.34 1.79	49.40 -1.95 2.78	59.58 -2.89 3.30	50.09 -1.62 4.01	48.24 -1.55 3.69	47.44 -1.67 3.07	49.37 -1.72 -3.27	48.22 -1.79 -1.65	44.14 -1.32 -1.57
GREENIDGE___3 23582	49.42 -0.60 0.00	44.93 -0.92 -0.04	42.49 -1.12 -0.71	41.42 -1.01 -0.46	40.23 -1.05 -0.75	39.89 -0.95 -1.18	44.89 -0.88 -1.63	45.18 -0.91 -2.75	44.70 -1.31 -2.37	44.59 -1.72 -2.23	46.52 -2.16 0.39	46.77 -2.23 0.65	46.45 -2.18 1.02	42.44 -2.17 1.64	43.36 -2.24 1.96	49.16 -2.34 1.79	49.40 -1.95 2.78	59.58 -2.89 3.30	50.09 -1.62 4.01	48.24 -1.55 3.69	47.44 -1.67 3.07	49.37 -1.72 -3.27	48.22 -1.79 -1.65	44.14 -1.32 -1.57
GREENIDGE___4 23583	49.42 -0.60 0.00	44.79 -1.05 -0.04	42.49 -1.12 -0.71	41.42 -1.01 -0.46	40.23 -1.05 -0.75	39.89 -0.95 -1.18	44.89 -0.88 -1.63	45.17 -0.91 -2.75	44.71 -1.31 -2.37	44.59 -1.72 -2.23	46.52 -2.16 0.39	46.82 -2.18 0.65	46.45 -2.18 1.02	42.33 -2.17 1.75	43.24 -2.23 2.08	49.21 -2.29 1.79	49.40 -1.95 2.78	59.97 -2.50 3.30	50.09 -1.62 4.01	48.24 -1.55 3.69	47.43 -1.67 3.07	49.37 -1.72 -3.27	48.22 -1.79 -1.65	44.14 -1.32 -1.57
GREENLWN_69_KV_BK 3 55738	54.02 3.60 -0.40	49.74 3.25 -0.68	49.28 3.00 -3.39	47.36 2.90 -2.50	47.04 2.80 -3.71	47.87 2.86 -5.36	54.25 3.22 -6.88	57.22 3.29 -10.59	56.16 3.32 -9.20	55.93 3.31 -8.54	55.76 3.63 -3.06	57.87 3.77 -4.44	59.94 3.53 -6.77	60.15 3.38 -10.52	63.04 3.04 -12.44	67.55 3.20 -11.06	77.12 3.25 -19.75	91.53 4.14 -21.62	84.60 3.51 -25.37	81.03 3.21 -24.34	75.27 3.08 -20.02	65.88 3.06 -15.00	59.13 3.48 -7.29	53.91 3.12 -6.91
GREENWD_138_KV_38B11_REV_LBMP_J 345004	53.78 3.75 -0.01	49.27 3.30 -0.16	48.78 3.05 -2.84	46.69 2.90 -1.82	46.30 2.76 -3.01	47.18 2.82 -4.71	53.72 3.09 -6.49	57.00 3.12 -10.55	55.91 3.19 -9.08	55.97 3.35 -8.54	55.62 3.63 -2.92	58.00 3.92 -4.43	60.29 3.87 -6.77	60.36 3.61 -10.49	63.56 3.57 -12.43	67.94 3.84 -10.81	74.58 3.95 -16.50	90.39 5.13 -19.49	83.59 4.29 -23.59	79.32 4.01 -21.82	74.24 3.86 -18.20	64.63 3.78 -13.03	58.76 3.82 -6.58	53.54 3.38 -6.27
GRISSOM___SOLAR 323813	52.02 2.00 0.00	47.94 1.92 -0.21	48.60 1.76 -3.95	46.18 1.68 -2.53	46.42 1.70 -4.18	47.95 1.74 -6.55	55.21 2.03 -9.04	60.02 1.99 -14.69	58.04 1.75 -12.65	57.30 1.32 -11.90	54.51 1.37 -4.07	57.06 1.24 -6.17	60.34 1.29 -9.41	62.21 1.34 -14.61	66.68 1.81 -17.31	70.90 2.56 -15.05	79.87 2.76 -22.98	96.27 3.35 -27.14	91.35 2.78 -32.85	86.71 2.83 -30.39	80.24 2.71 -25.35	68.39 2.44 -18.14	59.93 2.42 -9.15	54.41 1.80 -8.73
GROVEVILLE___HYD 323602	53.07 3.05 0.00	48.66 2.70 -0.15	48.27 2.53 -2.85	46.23 2.43 -1.83	45.82 2.27 -3.02	46.69 2.30 -4.74	53.33 2.65 -6.53	56.60 2.64 -10.62	55.49 2.71 -9.14	55.46 2.78 -8.60	55.05 3.04 -2.94	57.34 3.23 -4.46	59.68 3.23 -6.80	59.83 3.01 -10.57	63.12 3.04 -12.52	67.48 3.30 -10.88	74.26 3.52 -16.61	89.87 4.47 -19.62	83.19 3.73 -23.75	78.99 3.53 -21.97	73.84 3.34 -18.33	64.04 3.11 -13.11	58.12 3.14 -6.62	52.92 2.72 -6.31
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	49.17 -0.85 0.00	45.00 -0.82 -0.02	42.38 -0.81 -0.30	41.41 -0.76 -0.19	40.12 -0.73 -0.32	39.48 -0.67 -0.50	44.13 -0.71 -0.69	43.76 -0.69 -1.12	43.87 -0.74 -0.96	44.19 -0.79 -0.91	48.59 -0.83 -0.36	49.40 -0.79 -0.55	49.74 -0.74 -0.83	46.77 -0.79 -1.30	48.29 -0.81 -1.54	53.78 -0.85 -1.34	55.43 -0.76 -2.06	67.28 -0.92 -2.43	57.87 -0.78 -2.94	55.46 -0.75 -2.72	53.71 -0.73 -2.27	48.44 -0.77 -1.39	48.24 -0.82 -0.70	43.85 -0.70 -0.67
HAMLTNNY_34_KV_TB 80303	49.12 -0.90 0.00	44.96 -0.87 -0.02	42.39 -0.81 -0.32	41.42 -0.76 -0.21	40.14 -0.73 -0.34	39.51 -0.67 -0.53	44.17 -0.71 -0.73	43.83 -0.69 -1.18	43.92 -0.74 -1.02	44.20 -0.84 -0.96	48.51 -0.88 -0.33	49.30 -0.84 -0.50	49.56 -0.84 -0.76	46.60 -0.83 -1.18	48.05 -0.90 -1.40	53.61 -0.91 -1.22	55.24 -0.76 -1.87	67.05 -0.92 -2.20	57.60 -0.78 -2.67	55.26 -0.70 -2.47	53.50 -0.73 -2.06	48.57 -0.72 -1.47	48.33 -0.77 -0.74	43.94 -0.66 -0.71

HAMPSHIRE___PAPER_HYD 323593	49.77 -0.25 0.00	45.90 0.09 0.00	43.10 0.13 -0.09	41.90 -0.13 -0.05	40.54 -0.08 -0.09	39.24 -0.56 -0.14	43.33 -1.01 -0.20	42.57 -1.08 -0.32	42.65 -1.27 -0.27	43.28 -1.06 -0.26	48.72 -0.44 -0.09	48.99 -0.80 -0.13	49.11 -0.74 -0.20	46.34 -0.23 -0.32	47.93 0.00 -0.38	52.98 -0.64 -0.33	53.44 -0.19 -0.50	64.91 -1.45 -0.59	55.31 -1.11 -0.71	53.02 -1.13 -0.66	52.20 -0.52 -0.55	47.97 -0.24 -0.39	48.41 -0.14 -0.20	43.68 -0.40 -0.19
HARDSCRABBLE_WT_PWR 323673	52.77 2.75 0.00	48.33 2.52 0.00	45.20 2.31 0.00	44.23 2.26 0.00	42.68 2.15 0.00	41.76 2.10 0.00	46.44 2.29 0.00	45.50 2.17 0.00	45.87 2.22 0.00	46.42 2.33 0.00	51.62 2.55 0.00	52.28 2.63 0.00	52.28 2.63 0.00	48.66 2.40 0.00	49.98 2.42 0.00	55.85 2.56 0.00	56.62 2.49 0.00	68.73 2.96 0.00	58.05 2.34 0.00	55.52 2.03 0.00	54.00 1.83 0.00	49.49 1.67 0.00	50.01 1.65 0.00	45.29 1.40 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	52.72 2.70 0.00	48.33 2.38 -0.14	47.79 2.23 -2.67	45.78 2.10 -1.71	45.35 1.99 -2.83	46.15 2.06 -4.43	52.64 2.38 -6.11	55.65 2.38 -9.93	54.64 2.44 -8.56	54.64 2.51 -8.05	54.57 2.75 -2.75	56.75 2.93 -4.17	58.94 2.93 -6.36	58.87 2.73 -9.89	61.98 2.71 -11.71	66.46 2.98 -10.18	72.81 3.14 -15.54	88.21 4.08 -18.36	81.33 3.40 -22.22	77.20 3.16 -20.55	72.35 3.03 -17.15	62.91 2.82 -12.26	57.36 2.80 -6.19	52.29 2.50 -5.90
HARSNRAD_115KV_TB1 81005	46.82 -3.20 0.00	42.58 -3.25 -0.02	40.15 -3.17 -0.43	39.22 -3.02 -0.28	37.99 -3.00 -0.46	37.52 -2.86 -0.72	42.04 -3.09 -0.99	41.90 -3.03 -1.60	41.31 -3.71 -1.37	41.36 -4.01 -1.29	44.42 -4.86 -0.21	44.94 -5.01 -0.31	44.95 -5.16 -0.47	42.03 -4.90 -0.68	43.37 -4.99 -0.80	48.98 -5.01 -0.70	49.94 -5.25 -1.06	60.31 -6.71 -1.25	51.43 -5.79 -1.51	49.86 -5.03 -1.40	48.54 -4.80 -1.17	45.49 -4.30 -1.97	45.29 -4.06 -1.00	41.90 -2.94 -0.95
HARZA MOOSE___RIVER 24016	50.82 0.80 0.00	46.50 0.69 -0.01	43.63 0.64 -0.10	42.58 0.55 -0.06	41.16 0.53 -0.11	40.10 0.28 -0.17	44.51 0.13 -0.23	43.66 -0.04 -0.37	43.88 -0.09 -0.32	44.43 0.04 -0.30	49.37 0.20 -0.10	49.96 0.15 -0.16	50.14 0.25 -0.24	46.95 0.32 -0.37	48.42 0.43 -0.44	54.05 0.37 -0.38	55.04 0.32 -0.58	66.99 0.53 -0.69	56.94 0.39 -0.83	54.63 0.37 -0.77	53.34 0.52 -0.64	48.71 0.43 -0.46	48.98 0.39 -0.23	44.19 0.09 -0.22
HDSNBRDG_115KV_BRDG_TB1 355580	48.82 -1.20 0.00	44.68 -1.15 -0.02	42.10 -1.07 -0.28	41.14 -1.01 -0.18	39.86 -0.97 -0.30	39.21 -0.91 -0.47	43.78 -1.02 -0.65	43.39 -1.00 -1.05	43.50 -1.05 -0.91	43.83 -1.10 -0.85	48.13 -1.23 -0.29	48.90 -1.19 -0.44	49.18 -1.14 -0.67	46.15 -1.16 -1.05	47.61 -1.19 -1.24	53.15 -1.23 -1.08	54.59 -1.19 -1.65	66.34 -1.38 -1.95	56.90 -1.17 -2.36	54.55 -1.12 -2.18	52.85 -1.15 -1.82	48.02 -1.10 -1.30	47.86 -1.16 -0.66	43.50 -1.01 -0.63
HELLGATE_13_KV_LD 55870	53.62 3.60 0.00	49.12 3.16 -0.15	48.60 2.87 -2.83	46.55 2.77 -1.82	46.17 2.63 -3.00	47.10 2.74 -4.71	53.68 3.05 -6.49	57.00 3.12 -10.55	55.91 3.19 -9.08	55.97 3.35 -8.54	55.62 3.63 -2.92	57.95 3.87 -4.43	60.24 3.82 -6.77	60.31 3.56 -10.49	63.51 3.52 -12.43	67.83 3.73 -10.81	74.47 3.84 -16.50	90.26 5.00 -19.49	83.48 4.18 -23.59	79.16 3.85 -21.82	74.13 3.76 -18.20	64.47 3.63 -13.02	58.61 3.68 -6.57	53.40 3.25 -6.27
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	53.62 3.60 0.00	49.12 3.16 -0.15	48.60 2.87 -2.83	46.55 2.77 -1.82	46.17 2.63 -3.00	47.10 2.74 -4.71	53.68 3.05 -6.49	57.00 3.12 -10.55	55.91 3.19 -9.08	55.97 3.35 -8.54	55.62 3.63 -2.92	57.95 3.87 -4.43	60.24 3.82 -6.77	60.31 3.56 -10.49	63.51 3.52 -12.43	67.83 3.73 -10.81	74.47 3.84 -16.50	90.26 5.00 -19.49	83.48 4.18 -23.59	79.16 3.85 -21.82	74.13 3.76 -18.20	64.47 3.63 -13.02	58.61 3.68 -6.57	53.40 3.25 -6.27
HEMPSTEAD____ 23647	55.30 3.50 -1.78	51.37 3.07 -2.49	51.02 2.83 -5.30	49.55 2.73 -4.86	49.27 2.60 -6.14	49.92 2.66 -7.61	55.36 3.00 -8.21	57.13 3.08 -10.72	56.31 3.10 -9.57	55.85 3.22 -8.55	56.01 3.43 -3.50	57.78 3.67 -4.46	60.01 3.58 -6.78	60.17 3.33 -10.59	63.28 3.24 -12.49	68.73 3.46 -11.98	88.75 3.52 -31.10	99.38 4.53 -29.07	91.14 3.79 -31.63	90.16 3.53 -33.14	82.01 3.44 -26.39	73.04 3.30 -21.92	61.50 3.38 -9.76	56.03 3.03 -9.12
HICKLING___1 23621	48.97 -1.05 0.00	44.57 -1.28 -0.04	42.24 -1.42 -0.77	41.12 -1.34 -0.49	40.01 -1.34 -0.82	39.67 -1.27 -1.28	44.58 -1.32 -1.76	44.96 -1.30 -2.93	44.60 -1.57 -2.52	44.60 -1.85 -2.37	46.76 -2.31 0.00	47.33 -2.28 0.04	47.33 -2.23 0.08	43.86 -2.22 0.18	45.01 -2.33 0.22	50.54 -2.50 0.24	51.34 -2.38 0.41	62.59 -2.70 0.49	52.77 -2.34 0.60	50.70 -2.25 0.55	49.48 -2.24 0.45	49.25 -2.10 -3.54	48.02 -2.13 -1.79	44.10 -1.49 -1.70
HICKLING___2 23622	48.97 -1.05 0.00	44.57 -1.28 -0.04	42.24 -1.42 -0.77	41.12 -1.34 -0.49	40.01 -1.34 -0.82	39.67 -1.27 -1.28	44.58 -1.32 -1.76	44.96 -1.30 -2.93	44.60 -1.57 -2.52	44.60 -1.85 -2.37	46.76 -2.31 0.00	47.33 -2.28 0.04	47.33 -2.23 0.08	43.86 -2.22 0.18	45.01 -2.33 0.22	50.54 -2.50 0.24	51.34 -2.38 0.41	62.59 -2.70 0.49	52.77 -2.34 0.60	50.70 -2.25 0.55	49.48 -2.24 0.45	49.25 -2.10 -3.54	48.02 -2.13 -1.79	44.10 -1.49 -1.70
HIGH FALLS___HY 23754	53.22 3.20 0.00	48.76 2.79 -0.15	48.40 2.66 -2.85	46.31 2.52 -1.83	45.90 2.35 -3.02	46.81 2.42 -4.73	53.50 2.83 -6.53	56.71 2.77 -10.61	55.62 2.84 -9.13	55.54 2.87 -8.59	55.05 3.04 -2.94	57.33 3.23 -4.45	59.62 3.18 -6.79	59.82 3.01 -10.55	63.11 3.04 -12.51	67.52 3.36 -10.87	74.40 3.68 -16.59	90.24 4.87 -19.60	83.50 4.07 -23.72	79.29 3.85 -21.95	74.13 3.65 -18.31	64.31 3.40 -13.10	58.31 3.34 -6.61	53.08 2.90 -6.30
HIGH_RIVER___SOLAR 323847	51.82 1.80 0.00	47.76 1.74 -0.21	48.33 1.54 -3.90	45.98 1.51 -2.50	46.17 1.50 -4.13	47.68 1.55 -6.48	54.85 1.77 -8.93	59.54 1.69 -14.52	57.46 1.31 -12.51	56.64 0.79 -11.76	53.92 0.83 -4.02	56.64 0.89 -6.10	59.94 0.99 -9.30	61.72 1.02 -14.45	66.05 1.38 -17.12	70.20 2.02 -14.88	79.17 2.33 -22.72	95.57 2.96 -26.84	90.70 2.51 -32.48	86.05 2.51 -30.05	79.64 2.40 -25.06	67.85 2.10 -17.93	59.53 2.13 -9.05	54.14 1.62 -8.63
HILLBURN___GT 23639	52.67 2.65 0.00	48.29 2.33 -0.15	47.74 2.14 -2.71	45.72 2.01 -1.73	45.34 1.95 -2.87	46.17 2.02 -4.49	52.63 2.29 -6.20	55.74 2.34 -10.07	54.72 2.40 -8.67	54.71 2.47 -8.16	54.51 2.65 -2.79	56.76 2.88 -4.23	58.93 2.83 -6.45	58.91 2.64 -10.02	62.04 2.61 -11.87	66.43 2.82 -10.32	72.80 2.92 -15.76	88.33 3.95 -18.61	81.47 3.23 -22.52	77.32 2.99 -20.84	72.42 2.87 -17.38	62.98 2.72 -12.43	57.34 2.71 -6.27	52.28 2.41 -5.98
HILLSIDE_115KV_TB1 80332	48.42 -1.60 0.00	44.11 -1.74 -0.04	41.84 -1.84 -0.80	40.71 -1.76 -0.51	39.67 -1.70 -0.84	39.35 -1.63 -1.32	44.20 -1.77 -1.82	44.66 -1.69 -3.01	44.27 -1.96 -2.59	44.32 -2.20 -2.44	46.44 -2.70 -0.07	47.09 -2.63 -0.08	47.11 -2.63 -0.09	43.85 -2.50 -0.09	45.04 -2.62 -0.10	50.46 -2.88 -0.04	51.35 -2.81 -0.03	62.65 -3.16 -0.03	52.96 -2.79 -0.03	50.85 -2.67 -0.04	49.60 -2.61 -0.04	49.03 -2.44 -3.65	47.74 -2.47 -1.84	43.84 -1.80 -1.76

HISHELDN_WT_PWR 323625	47.42 -2.60 0.00	42.90 -2.93 -0.03	40.54 -2.87 -0.53	39.58 -2.73 -0.34	38.33 -2.76 -0.56	37.87 -2.66 -0.87	42.39 -2.96 -1.20	42.35 -2.99 -2.01	41.75 -3.62 -1.73	41.65 -4.05 -1.63	44.33 -4.91 -0.17	44.88 -5.01 -0.24	44.84 -5.16 -0.36	41.87 -4.90 -0.52	43.08 -5.09 -0.61	48.50 -5.33 -0.54	49.52 -5.41 -0.81	60.01 -6.71 -0.95	51.06 -5.80 -1.14	49.25 -5.30 -1.06	47.95 -5.11 -0.89	45.60 -4.64 -2.41	45.13 -4.45 -1.22	41.76 -3.29 -1.16
HOLTSVILLE_IC_1 23690	54.31 4.00 -0.29	49.92 3.58 -0.53	49.43 3.30 -3.24	47.47 3.19 -2.31	47.12 3.08 -3.51	48.01 3.17 -5.18	54.54 3.62 -6.77	57.56 3.64 -10.58	56.48 3.67 -9.17	56.28 3.66 -8.54	56.02 3.93 -3.02	58.21 4.12 -4.44	60.39 3.97 -6.77	60.47 3.70 -10.51	63.56 3.57 -12.43	67.85 3.57 -10.99	76.65 3.68 -18.84	91.39 4.60 -21.02	84.49 3.90 -24.87	80.65 3.53 -23.63	75.03 3.34 -19.51	65.61 3.35 -14.44	59.22 3.77 -7.09	53.95 3.33 -6.73
HOLTSVILLE_IC_10 23699	54.60 4.25 -0.33	50.16 3.76 -0.59	49.66 3.47 -3.30	47.71 3.36 -2.38	47.36 3.24 -3.59	48.23 3.33 -5.25	54.80 3.84 -6.81	57.73 3.81 -10.59	56.66 3.84 -9.18	56.50 3.88 -8.54	56.23 4.12 -3.03	58.46 4.37 -4.44	60.63 4.22 -6.77	60.70 3.93 -10.52	63.84 3.85 -12.44	68.15 3.84 -11.02	77.32 4.01 -19.18	91.96 4.94 -21.25	85.01 4.23 -25.06	81.24 3.85 -23.90	75.48 3.60 -19.71	66.06 3.59 -14.65	59.54 4.01 -7.16	54.24 3.55 -6.80
HOLTSVILLE_IC_2 23691	54.31 4.00 -0.29	49.92 3.58 -0.53	49.43 3.30 -3.24	47.47 3.19 -2.31	47.12 3.08 -3.51	48.01 3.17 -5.18	54.54 3.62 -6.77	57.56 3.64 -10.58	56.48 3.67 -9.17	56.28 3.66 -8.54	56.02 3.93 -3.02	58.21 4.12 -4.44	60.39 3.97 -6.77	60.47 3.70 -10.51	63.56 3.57 -12.43	67.85 3.57 -10.99	76.65 3.68 -18.84	91.39 4.60 -21.02	84.49 3.90 -24.87	80.65 3.53 -23.63	75.03 3.34 -19.51	65.61 3.35 -14.44	59.22 3.77 -7.09	53.95 3.33 -6.73
HOLTSVILLE_IC_3 23692	54.31 4.00 -0.29	49.92 3.58 -0.53	49.43 3.30 -3.24	47.47 3.19 -2.31	47.12 3.08 -3.51	48.01 3.17 -5.18	54.54 3.62 -6.77	57.56 3.64 -10.58	56.48 3.67 -9.17	56.28 3.66 -8.54	56.02 3.93 -3.02	58.21 4.12 -4.44	60.39 3.97 -6.77	60.47 3.70 -10.51	63.56 3.57 -12.43	67.85 3.57 -10.99	76.65 3.68 -18.84	91.39 4.60 -21.02	84.49 3.90 -24.87	80.65 3.53 -23.63	75.03 3.34 -19.51	65.61 3.35 -14.44	59.22 3.77 -7.09	53.95 3.33 -6.73
HOLTSVILLE_IC_4 23693	54.31 4.00 -0.29	49.92 3.58 -0.53	49.43 3.30 -3.24	47.47 3.19 -2.31	47.12 3.08 -3.51	48.01 3.17 -5.18	54.54 3.62 -6.77	57.56 3.64 -10.58	56.48 3.67 -9.17	56.28 3.66 -8.54	56.02 3.93 -3.02	58.21 4.12 -4.44	60.39 3.97 -6.77	60.47 3.70 -10.51	63.56 3.57 -12.43	67.85 3.57 -10.99	76.65 3.68 -18.84	91.39 4.60 -21.02	84.49 3.90 -24.87	80.65 3.53 -23.63	75.03 3.34 -19.51	65.61 3.35 -14.44	59.22 3.77 -7.09	53.95 3.33 -6.73
HOLTSVILLE_IC_5 23694	54.31 4.00 -0.29	49.92 3.58 -0.53	49.43 3.30 -3.24	47.47 3.19 -2.31	47.12 3.08 -3.51	48.01 3.17 -5.18	54.54 3.62 -6.77	57.56 3.64 -10.58	56.48 3.67 -9.17	56.28 3.66 -8.54	56.02 3.93 -3.02	58.21 4.12 -4.44	60.39 3.97 -6.77	60.47 3.70 -10.51	63.56 3.57 -12.43	67.85 3.57 -10.99	76.65 3.68 -18.84	91.39 4.60 -21.02	84.49 3.90 -24.87	80.65 3.53 -23.63	75.03 3.34 -19.51	65.61 3.35 -14.44	59.22 3.77 -7.09	53.95 3.33 -6.73
HOLTSVILLE_IC_6 23695	54.60 4.25 -0.33	50.16 3.76 -0.59	49.66 3.47 -3.30	47.71 3.36 -2.38	47.36 3.24 -3.59	48.23 3.33 -5.25	54.80 3.84 -6.81	57.73 3.81 -10.59	56.66 3.84 -9.18	56.50 3.88 -8.54	56.23 4.12 -3.03	58.46 4.37 -4.44	60.63 4.22 -6.77	60.70 3.93 -10.52	63.84 3.85 -12.44	68.15 3.84 -11.02	77.32 4.01 -19.18	91.96 4.94 -21.25	85.01 4.23 -25.06	81.24 3.85 -23.90	75.48 3.60 -19.71	66.06 3.59 -14.65	59.54 4.01 -7.16	54.24 3.55 -6.80
HOLTSVILLE_IC_7 23696	54.60 4.25 -0.33	50.16 3.76 -0.59	49.66 3.47 -3.30	47.71 3.36 -2.38	47.36 3.24 -3.59	48.23 3.33 -5.25	54.80 3.84 -6.81	57.73 3.81 -10.59	56.66 3.84 -9.18	56.50 3.88 -8.54	56.23 4.12 -3.03	58.46 4.37 -4.44	60.63 4.22 -6.77	60.70 3.93 -10.52	63.84 3.85 -12.44	68.15 3.84 -11.02	77.32 4.01 -19.18	91.96 4.94 -21.25	85.01 4.23 -25.06	81.24 3.85 -23.90	75.48 3.60 -19.71	66.06 3.59 -14.65	59.54 4.01 -7.16	54.24 3.55 -6.80
HOLTSVILLE_IC_8 23697	54.60 4.25 -0.33	50.16 3.76 -0.59	49.66 3.47 -3.30	47.71 3.36 -2.38	47.36 3.24 -3.59	48.23 3.33 -5.25	54.80 3.84 -6.81	57.73 3.81 -10.59	56.66 3.84 -9.18	56.50 3.88 -8.54	56.23 4.12 -3.03	58.46 4.37 -4.44	60.63 4.22 -6.77	60.70 3.93 -10.52	63.84 3.85 -12.44	68.15 3.84 -11.02	77.32 4.01 -19.18	91.96 4.94 -21.25	85.01 4.23 -25.06	81.24 3.85 -23.90	75.48 3.60 -19.71	66.06 3.59 -14.65	59.54 4.01 -7.16	54.24 3.55 -6.80
HOLTSVILLE_IC_9 23698	54.60 4.25 -0.33	50.16 3.76 -0.59	49.66 3.47 -3.30	47.71 3.36 -2.38	47.36 3.24 -3.59	48.23 3.33 -5.25	54.80 3.84 -6.81	57.73 3.81 -10.59	56.66 3.84 -9.18	56.50 3.88 -8.54	56.23 4.12 -3.03	58.46 4.37 -4.44	60.63 4.22 -6.77	60.70 3.93 -10.52	63.84 3.85 -12.44	68.15 3.84 -11.02	77.32 4.01 -19.18	91.96 4.94 -21.25	85.01 4.23 -25.06	81.24 3.85 -23.90	75.48 3.60 -19.71	66.06 3.59 -14.65	59.54 4.01 -7.16	54.24 3.55 -6.80
HOMER_HL_115KV_TB2 355744	47.17 -2.85 0.00	42.22 -3.62 -0.03	39.37 -4.07 -0.55	38.42 -3.90 -0.35	37.31 -3.81 -0.58	36.88 -3.69 -0.92	41.39 -4.02 -1.26	41.61 -3.81 -2.09	41.12 -4.32 -1.80	41.06 -4.72 -1.69	43.52 -5.74 -0.19	44.51 -5.41 -0.27	44.84 -5.21 -0.40	42.15 -4.72 -0.62	43.34 -4.95 -0.73	47.92 -5.97 -0.60	48.96 -6.06 -0.90	60.51 -6.31 -1.06	51.08 -5.91 -1.28	48.68 -5.99 -1.18	47.32 -5.84 -0.99	45.00 -5.36 -2.53	44.37 -5.27 -1.28	41.07 -4.04 -1.22
HOWARD_WT_PWR 323690	48.72 -1.30 0.00	43.96 -1.88 -0.04	41.57 -1.97 -0.65	40.45 -1.93 -0.42	39.23 -1.99 -0.69	38.71 -2.02 -1.08	43.42 -2.21 -1.49	43.68 -2.21 -2.55	43.00 -2.84 -2.20	42.71 -3.44 -2.07	44.71 -4.22 0.14	44.93 -4.47 0.25	44.63 -4.62 0.40	41.02 -4.53 0.70	41.97 -4.76 0.84	47.46 -5.12 0.72	48.13 -4.87 1.13	58.58 -5.85 1.34	49.18 -4.90 1.63	47.28 -4.71 1.50	46.29 -4.64 1.24	46.40 -4.40 -2.98	45.51 -4.35 -1.50	41.81 -3.51 -1.44
HQ_GEN_CEDARS 23644	50.62 0.60 0.00	46.36 0.55 0.00	43.49 0.60 0.00	42.22 0.25 0.00	40.81 0.28 0.00	39.50 -0.16 0.00	43.97 -0.18 0.00	43.07 -0.26 0.00	43.34 -0.31 0.00	44.13 0.04 0.00	50.15 1.08 0.00	50.10 0.45 0.00	50.05 0.40 0.00	47.32 1.06 0.00	48.94 1.38 0.00	53.66 0.37 0.00	53.97 -0.16 0.00	65.31 -0.46 0.00	55.49 -0.22 0.00	53.27 -0.21 0.00	52.23 0.05 0.00	48.30 0.48 0.00	48.99 0.63 0.00	44.19 0.31 0.00
HQ_GEN_CEDARS_PROXY 323590	49.97 -0.05 0.00	46.36 0.55 0.00	43.49 0.60 0.00	42.22 0.25 0.00	40.82 0.29 0.00	39.50 -0.16 0.00	43.97 -0.18 0.00	43.20 -0.13 0.00	43.34 -0.30 0.00	44.13 0.04 0.00	49.95 0.88 0.00	49.95 0.30 0.00	50.00 0.35 0.00	47.32 1.06 0.00	48.94 1.38 0.00	53.67 0.38 0.00	53.97 -0.16 0.00	65.31 -0.46 0.00	55.49 -0.22 0.00	53.28 -0.21 0.00	52.23 0.05 0.00	48.30 0.48 0.00	48.99 0.63 0.00	44.19 0.31 0.00

HQ_GEN_IMPORT 323601	50.02 0.00 0.00	45.81 0.00 0.00	42.89 0.00 0.00	41.97 0.00 0.00	40.53 0.00 0.00	39.66 0.00 0.00	44.14 0.00 0.00	43.33 0.00 0.00	43.64 0.00 0.00	44.08 0.00 0.00	49.07 0.00 0.00	49.65 0.00 0.00	49.65 0.00 0.00	46.25 0.00 0.00	47.56 0.00 0.00	53.29 0.00 0.00	54.13 0.00 0.00	65.77 0.00 0.00	55.71 0.00 0.00	53.49 0.00 0.00	52.17 0.00 0.00	47.82 0.00 0.00	48.36 0.00 0.00	43.88 0.00 0.00
HQ_GEN_WHEEL 23651	50.02 0.00 0.00	45.81 0.00 0.00	42.89 0.00 0.00	41.97 0.00 0.00	40.53 0.00 0.00	39.66 0.00 0.00	44.14 0.00 0.00	43.33 0.00 0.00	43.64 0.00 0.00	44.08 0.00 0.00	49.07 0.00 0.00	49.65 0.00 0.00	49.65 0.00 0.00	46.25 0.00 0.00	47.56 0.00 0.00	53.29 0.00 0.00	54.13 0.00 0.00	65.77 0.00 0.00	55.71 0.00 0.00	53.49 0.00 0.00	52.17 0.00 0.00	47.82 0.00 0.00	48.36 0.00 0.00	43.88 0.00 0.00
HUDSON AVE_GT_3 23810	53.22 3.20 0.00	48.80 2.84 -0.15	48.30 2.57 -2.83	46.22 2.43 -1.82	45.88 2.35 -3.00	46.78 2.42 -4.71	53.41 2.78 -6.49	56.70 2.82 -10.55	55.65 2.92 -9.08	55.66 3.04 -8.54	55.28 3.29 -2.92	57.60 3.53 -4.43	59.89 3.48 -6.77	59.99 3.24 -10.49	63.18 3.19 -12.43	67.56 3.46 -10.81	74.20 3.57 -16.50	89.93 4.67 -19.49	83.14 3.84 -23.58	78.89 3.58 -21.82	73.82 3.44 -18.20	64.19 3.35 -13.02	58.27 3.34 -6.57	53.05 2.90 -6.27
HUDSON AVE_GT_4 23540	53.22 3.20 0.00	48.80 2.84 -0.15	48.30 2.57 -2.83	46.22 2.43 -1.82	45.88 2.35 -3.00	46.78 2.42 -4.71	53.41 2.78 -6.49	56.70 2.82 -10.55	55.65 2.92 -9.08	55.66 3.04 -8.54	55.28 3.29 -2.92	57.60 3.53 -4.43	59.89 3.48 -6.77	59.99 3.24 -10.49	63.18 3.19 -12.43	67.56 3.46 -10.81	74.20 3.57 -16.50	89.93 4.67 -19.49	83.14 3.84 -23.58	78.89 3.58 -21.82	73.82 3.44 -18.20	64.19 3.35 -13.02	58.27 3.34 -6.57	53.05 2.90 -6.27
HUDSON AVE_GT_5 23657	53.22 3.20 0.00	48.80 2.84 -0.15	48.30 2.57 -2.83	46.22 2.43 -1.82	45.88 2.35 -3.00	46.78 2.42 -4.71	53.41 2.78 -6.49	56.70 2.82 -10.55	55.65 2.92 -9.08	55.66 3.04 -8.54	55.28 3.29 -2.92	57.60 3.53 -4.43	59.89 3.48 -6.77	59.99 3.24 -10.49	63.18 3.19 -12.43	67.56 3.46 -10.81	74.20 3.57 -16.50	89.93 4.67 -19.49	83.14 3.84 -23.58	78.89 3.58 -21.82	73.82 3.44 -18.20	64.19 3.35 -13.02	58.27 3.34 -6.57	53.05 2.90 -6.27
HUDSON_AVE_10 24168	53.07 3.05 0.00	48.62 2.66 -0.15	48.13 2.40 -2.83	46.09 2.31 -1.82	45.72 2.19 -3.00	46.66 2.30 -4.71	53.28 2.65 -6.49	56.57 2.69 -10.55	55.52 2.79 -9.08	55.49 2.87 -8.54	55.13 3.14 -2.92	57.46 3.38 -4.43	59.70 3.28 -6.77	59.80 3.05 -10.49	62.99 3.00 -12.43	67.35 3.25 -10.81	74.04 3.41 -16.50	89.73 4.47 -19.49	83.03 3.73 -23.58	78.78 3.48 -21.82	73.71 3.34 -18.20	64.00 3.16 -13.02	58.12 3.19 -6.57	52.87 2.72 -6.27
HUDSON___115KV_TB 4 355613	52.17 2.15 0.00	48.01 2.02 -0.19	48.00 1.67 -3.44	45.85 1.68 -2.20	45.76 1.58 -3.65	46.92 1.55 -5.72	53.79 1.77 -7.88	57.79 1.65 -12.81	56.29 1.61 -11.03	55.91 1.45 -10.37	54.19 1.57 -3.54	56.47 1.44 -5.38	59.29 1.44 -8.20	60.34 1.34 -12.74	64.23 1.57 -15.10	68.39 1.97 -13.13	76.39 2.22 -20.04	92.20 2.76 -23.67	86.70 2.34 -28.65	82.29 2.30 -26.50	76.47 2.19 -22.11	65.55 1.91 -15.81	58.28 1.93 -7.98	53.12 1.62 -7.61
HUNTER MOUNT___DRP 323613	52.27 2.25 0.00	48.14 2.15 -0.18	47.89 1.63 -3.37	45.72 1.59 -2.16	45.60 1.50 -3.57	46.71 1.47 -5.59	53.53 1.68 -7.71	57.42 1.56 -12.53	56.00 1.57 -10.79	55.60 1.37 -10.15	54.01 1.47 -3.47	56.25 1.34 -5.26	59.01 1.34 -8.02	59.97 1.25 -12.47	63.85 1.52 -14.77	68.05 1.92 -12.84	76.01 2.27 -19.60	91.76 2.83 -23.16	86.08 2.34 -28.02	81.77 2.35 -25.93	75.99 2.19 -21.63	65.16 1.86 -15.47	58.05 1.89 -7.81	52.87 1.54 -7.45
HUNTINGTON_RES_REC 323705	54.27 3.90 -0.35	49.90 3.48 -0.61	49.38 3.17 -3.32	47.44 3.06 -2.41	47.10 2.96 -3.62	47.98 3.05 -5.27	54.46 3.49 -6.83	57.43 3.51 -10.59	56.36 3.53 -9.18	56.15 3.53 -8.54	55.89 3.78 -3.04	58.07 3.97 -4.44	60.24 3.82 -6.77	60.38 3.61 -10.52	63.37 3.38 -12.44	67.78 3.46 -11.03	77.02 3.57 -19.32	91.58 4.47 -21.34	84.69 3.84 -25.14	80.97 3.47 -24.00	75.24 3.29 -19.78	65.85 3.30 -14.74	59.28 3.72 -7.19	54.04 3.33 -6.83
HUNTLEY___63 23557	46.82 -3.20 0.00	42.95 -2.89 -0.02	40.46 -2.87 -0.45	39.53 -2.73 -0.29	38.29 -2.72 -0.48	37.82 -2.58 -0.75	42.39 -2.78 -1.03	42.06 -2.95 -1.67	41.45 -3.62 -1.42	41.50 -3.92 -1.34	44.51 -4.76 -0.20	45.04 -4.92 -0.31	45.15 -4.97 -0.46	42.22 -4.72 -0.68	43.51 -4.85 -0.80	49.08 -4.90 -0.69	49.99 -5.20 -1.05	60.44 -6.58 -1.24	51.53 -5.68 -1.50	49.90 -4.97 -1.39	48.58 -4.75 -1.16	45.60 -4.26 -2.04	45.37 -4.01 -1.03	42.11 -2.76 -0.99
HUNTLEY___64 23558	46.82 -3.20 0.00	42.95 -2.89 -0.02	40.46 -2.87 -0.45	39.53 -2.73 -0.29	38.29 -2.72 -0.48	37.82 -2.58 -0.75	42.39 -2.78 -1.03	42.06 -2.95 -1.67	41.45 -3.62 -1.42	41.50 -3.92 -1.34	44.51 -4.76 -0.20	45.04 -4.92 -0.31	45.15 -4.97 -0.46	42.22 -4.72 -0.68	43.51 -4.85 -0.80	49.08 -4.90 -0.69	49.99 -5.20 -1.05	60.44 -6.58 -1.24	51.53 -5.68 -1.50	49.90 -4.97 -1.39	48.58 -4.75 -1.16	45.60 -4.26 -2.04	45.37 -4.01 -1.03	42.11 -2.76 -0.99
HUNTLEY___65 23559	46.82 -3.20 0.00	42.95 -2.89 -0.02	40.46 -2.87 -0.45	39.53 -2.73 -0.29	38.29 -2.72 -0.48	37.82 -2.58 -0.75	42.39 -2.78 -1.03	42.06 -2.95 -1.67	41.45 -3.62 -1.42	41.50 -3.92 -1.34	44.51 -4.76 -0.20	45.04 -4.92 -0.31	45.15 -4.97 -0.46	42.22 -4.72 -0.68	43.51 -4.85 -0.80	49.08 -4.90 -0.69	49.99 -5.20 -1.05	60.44 -6.58 -1.24	51.53 -5.68 -1.50	49.90 -4.97 -1.39	48.58 -4.75 -1.16	45.60 -4.26 -2.04	45.37 -4.01 -1.03	42.11 -2.76 -0.99
HUNTLEY___66 23560	46.82 -3.20 0.00	42.95 -2.89 -0.02	40.46 -2.87 -0.45	39.53 -2.73 -0.29	38.29 -2.72 -0.48	37.82 -2.58 -0.75	42.39 -2.78 -1.03	42.06 -2.95 -1.67	41.45 -3.62 -1.42	41.50 -3.92 -1.34	44.51 -4.76 -0.20	45.04 -4.92 -0.31	45.15 -4.97 -0.46	42.22 -4.72 -0.68	43.51 -4.85 -0.80	49.08 -4.90 -0.69	49.99 -5.20 -1.05	60.44 -6.58 -1.24	51.53 -5.68 -1.50	49.90 -4.97 -1.39	48.58 -4.75 -1.16	45.60 -4.26 -2.04	45.37 -4.01 -1.03	42.11 -2.76 -0.99
HUNTLEY___67 23561	46.72 -3.30 0.00	42.67 -3.16 -0.02	40.22 -3.13 -0.46	39.28 -2.98 -0.29	38.06 -2.96 -0.49	37.60 -2.82 -0.76	42.10 -3.09 -1.05	42.02 -3.03 -1.72	41.46 -3.67 -1.48	41.51 -3.97 -1.39	44.47 -4.81 -0.21	44.99 -4.97 -0.30	45.09 -5.01 -0.45	42.17 -4.76 -0.68	43.46 -4.90 -0.80	48.97 -5.01 -0.69	49.91 -5.25 -1.04	60.42 -6.58 -1.22	51.45 -5.74 -1.48	49.78 -5.08 -1.37	48.47 -4.85 -1.14	45.62 -4.30 -2.11	45.31 -4.11 -1.06	41.96 -2.94 -1.01
HUNTLEY___68 23562	46.72 -3.30 0.00	42.67 -3.16 -0.02	40.22 -3.13 -0.46	39.28 -2.98 -0.29	38.06 -2.96 -0.49	37.60 -2.82 -0.76	42.10 -3.09 -1.05	42.02 -3.03 -1.72	41.46 -3.67 -1.48	41.51 -3.97 -1.39	44.47 -4.81 -0.21	44.99 -4.97 -0.30	45.09 -5.01 -0.45	42.17 -4.76 -0.68	43.46 -4.90 -0.80	48.97 -5.01 -0.69	49.91 -5.25 -1.04	60.42 -6.58 -1.22	51.45 -5.74 -1.48	49.78 -5.08 -1.37	48.47 -4.85 -1.14	45.62 -4.30 -2.11	45.31 -4.11 -1.06	41.96 -2.94 -1.01

HYLAND___LFGE 323620	50.37 0.35 0.00	45.79 -0.05 -0.03	43.24 -0.17 -0.52	42.26 -0.04 -0.33	40.92 -0.16 -0.55	40.44 -0.08 -0.86	45.51 0.18 -1.19	47.06 1.21 -2.51	46.07 0.26 -2.16	44.97 -1.15 -2.03	46.96 -2.11 0.00	47.14 -2.48 0.03	47.06 -2.53 0.06	43.92 -2.54 -0.21	45.38 -2.42 -0.25	51.60 -1.92 -0.22	53.20 -1.24 -0.32	65.36 -0.79 -0.37	55.60 -0.56 -0.45	53.96 0.05 -0.42	52.47 -0.05 -0.35	49.97 -0.24 -2.39	49.28 -0.29 -1.20	44.95 -0.09 -1.15
INDECK___CORINTH 23802	53.47 3.45 0.00	49.31 3.30 -0.20	49.54 3.00 -3.65	47.24 2.94 -2.34	47.32 2.92 -3.87	48.61 2.89 -6.07	55.77 3.27 -8.36	60.26 3.34 -13.59	58.88 3.53 -11.70	58.66 3.57 -11.01	56.95 4.12 -3.76	59.23 3.88 -5.71	62.12 3.77 -8.70	63.11 3.33 -13.52	67.19 3.61 -16.02	71.43 4.21 -13.93	79.62 4.22 -21.27	95.83 4.94 -25.12	90.18 4.06 -30.40	85.68 4.06 -28.13	79.71 4.07 -23.46	68.14 3.54 -16.78	60.55 3.72 -8.47	54.99 3.03 -8.08
INDECK___ILION 23567	51.62 1.60 0.00	47.27 1.47 0.00	44.22 1.33 0.00	43.27 1.30 0.00	41.79 1.26 0.00	40.89 1.23 0.00	45.47 1.32 0.00	44.59 1.26 0.00	44.95 1.31 0.00	45.45 1.37 0.00	50.59 1.52 0.00	51.19 1.54 0.00	51.19 1.54 0.00	47.69 1.43 0.00	49.03 1.47 0.00	54.84 1.55 0.00	55.64 1.52 0.00	67.61 1.84 0.00	57.16 1.45 0.00	54.77 1.28 0.00	53.37 1.20 0.00	48.92 1.10 0.00	49.42 1.06 0.00	44.81 0.92 0.00
INDECK___OLEAN 23982	47.22 -2.80 0.00	41.67 -4.17 -0.03	39.37 -4.08 -0.55	38.42 -3.90 -0.35	37.30 -3.81 -0.58	36.89 -3.69 -0.92	41.39 -4.02 -1.26	41.52 -3.90 -2.09	41.12 -4.32 -1.80	41.06 -4.72 -1.69	43.52 -5.74 -0.19	44.56 -5.36 -0.27	44.84 -5.21 -0.40	42.16 -4.67 -0.58	43.34 -4.90 -0.68	47.97 -5.92 -0.60	49.02 -6.01 -0.90	60.19 -6.64 -1.06	51.14 -5.85 -1.28	48.68 -5.99 -1.18	47.32 -5.84 -0.99	45.00 -5.35 -2.53	44.37 -5.27 -1.28	41.07 -4.04 -1.22
INDECK___OSWEGO 23783	48.32 -1.70 0.00	44.26 -1.56 -0.01	41.66 -1.46 -0.23	40.69 -1.43 -0.15	39.40 -1.38 -0.25	38.73 -1.31 -0.39	43.17 -1.50 -0.53	42.72 -1.47 -0.86	42.90 -1.48 -0.74	43.24 -1.54 -0.70	47.59 -1.72 -0.24	48.32 -1.69 -0.36	48.51 -1.69 -0.55	45.49 -1.62 -0.86	46.91 -1.67 -1.02	52.36 -1.81 -0.89	53.69 -1.78 -1.35	65.26 -2.11 -1.60	55.86 -1.79 -1.93	53.56 -1.71 -1.79	51.99 -1.67 -1.49	47.31 -1.58 -1.07	47.30 -1.59 -0.54	42.95 -1.45 -0.51
INDECK___YERKES 23781	46.92 -3.10 0.00	42.90 -2.93 -0.02	40.51 -2.83 -0.45	39.57 -2.69 -0.29	38.33 -2.68 -0.48	37.82 -2.58 -0.75	42.43 -2.74 -1.03	42.06 -2.95 -1.67	41.49 -3.58 -1.42	41.54 -3.88 -1.34	44.61 -4.66 -0.20	45.14 -4.82 -0.31	45.20 -4.92 -0.46	42.21 -4.72 -0.68	43.50 -4.85 -0.80	49.08 -4.90 -0.69	50.04 -5.14 -1.05	60.31 -6.71 -1.24	51.53 -5.68 -1.50	49.96 -4.92 -1.39	48.64 -4.70 -1.16	45.60 -4.26 -2.04	45.42 -3.96 -1.03	42.16 -2.72 -0.99
INDIAN POINT_GT_1 24139	52.72 2.70 0.00	48.34 2.38 -0.15	47.88 2.19 -2.81	45.86 2.10 -1.80	45.49 1.99 -2.97	46.38 2.06 -4.66	52.95 2.38 -6.42	56.20 2.43 -10.44	55.12 2.49 -8.99	55.05 2.51 -8.46	54.71 2.75 -2.89	56.96 2.93 -4.38	59.22 2.88 -6.69	59.37 2.73 -10.39	62.53 2.66 -12.31	66.87 2.88 -10.70	73.44 2.98 -16.33	89.01 3.95 -19.29	82.29 3.23 -23.35	78.14 3.05 -21.60	73.11 2.92 -18.02	63.48 2.77 -12.89	57.67 2.80 -6.50	52.55 2.46 -6.20
INDIAN POINT_GT_2 23659	52.72 2.70 0.00	48.34 2.38 -0.15	47.88 2.19 -2.81	45.86 2.10 -1.80	45.49 1.99 -2.97	46.38 2.06 -4.66	52.95 2.38 -6.42	56.20 2.43 -10.44	55.12 2.49 -8.99	55.05 2.51 -8.46	54.71 2.75 -2.89	56.96 2.93 -4.38	59.22 2.88 -6.69	59.37 2.73 -10.39	62.53 2.66 -12.31	66.87 2.88 -10.70	73.44 2.98 -16.33	89.01 3.95 -19.29	82.29 3.23 -23.35	78.14 3.05 -21.60	73.11 2.92 -18.02	63.48 2.77 -12.89	57.67 2.80 -6.50	52.55 2.46 -6.20
INDIAN POINT_GT_3 24019	52.72 2.70 0.00	48.34 2.38 -0.15	47.88 2.19 -2.81	45.86 2.10 -1.80	45.49 1.99 -2.97	46.38 2.06 -4.66	52.95 2.38 -6.42	56.20 2.43 -10.44	55.12 2.49 -8.99	55.05 2.51 -8.46	54.71 2.75 -2.89	56.96 2.93 -4.38	59.22 2.88 -6.69	59.37 2.73 -10.39	62.53 2.66 -12.31	66.87 2.88 -10.70	73.44 2.98 -16.33	89.01 3.95 -19.29	82.29 3.23 -23.35	78.14 3.05 -21.60	73.11 2.92 -18.02	63.48 2.77 -12.89	57.67 2.80 -6.50	52.55 2.46 -6.20
INDIAN POINT___2 23530	52.67 2.65 0.00	48.29 2.33 -0.15	47.80 2.14 -2.77	45.76 2.01 -1.77	45.41 1.95 -2.93	46.28 2.02 -4.60	52.78 2.29 -6.34	55.98 2.34 -10.31	54.92 2.40 -8.87	54.90 2.47 -8.35	54.57 2.65 -2.85	56.81 2.83 -4.33	59.03 2.78 -6.60	59.14 2.64 -10.25	62.27 2.57 -12.15	66.62 2.77 -10.56	73.12 2.87 -16.12	88.63 3.81 -19.04	81.93 3.17 -23.05	77.75 2.94 -21.32	72.77 2.82 -17.79	63.27 2.72 -12.72	57.49 2.71 -6.42	52.42 2.41 -6.12
INDIAN POINT___3 23531	52.62 2.60 0.00	48.30 2.34 -0.15	47.84 2.14 -2.81	45.78 2.01 -1.80	45.45 1.95 -2.97	46.34 2.02 -4.66	52.86 2.30 -6.42	56.12 2.34 -10.44	55.04 2.40 -8.99	55.01 2.47 -8.46	54.61 2.65 -2.89	56.92 2.88 -4.39	59.12 2.78 -6.69	59.28 2.64 -10.39	62.44 2.57 -12.31	66.76 2.77 -10.70	73.33 2.87 -16.34	88.88 3.81 -19.30	82.24 3.18 -23.36	78.04 2.94 -21.61	73.02 2.82 -18.02	63.39 2.68 -12.89	57.58 2.71 -6.51	52.50 2.41 -6.21
INGHAM_C_115KV_TB7 356103	53.37 3.35 0.00	48.88 3.07 0.00	45.76 2.87 0.00	44.74 2.77 0.00	43.21 2.68 0.00	42.27 2.62 0.00	47.01 2.87 0.00	46.06 2.73 0.00	46.39 2.75 0.00	46.95 2.87 0.00	52.21 3.14 0.00	52.88 3.23 0.00	52.88 3.23 0.00	49.21 2.96 0.00	50.55 3.00 0.00	56.54 3.25 0.00	57.27 3.14 0.00	69.52 3.75 0.00	58.78 3.06 0.00	56.22 2.73 0.00	54.68 2.50 0.00	50.16 2.34 0.00	50.68 2.32 0.00	45.95 2.06 0.00
IP CORINTH___1 23988	53.42 3.40 0.00	49.30 3.30 -0.20	49.55 3.00 -3.65	47.25 2.94 -2.34	47.32 2.92 -3.87	48.62 2.89 -6.07	55.77 3.27 -8.36	60.26 3.34 -13.59	58.88 3.54 -11.70	58.66 3.57 -11.01	56.95 4.12 -3.76	59.33 3.97 -5.71	62.13 3.77 -8.70	63.11 3.33 -13.52	67.20 3.61 -16.02	71.43 4.21 -13.93	79.62 4.22 -21.27	95.89 5.00 -25.12	90.24 4.12 -30.40	85.68 4.07 -28.13	79.70 4.07 -23.46	68.19 3.59 -16.78	60.55 3.72 -8.47	54.99 3.03 -8.08
IP___TICONDEROGA 23804	55.57 5.55 0.00	51.32 5.31 -0.20	51.39 4.85 -3.65	49.01 4.70 -2.34	49.10 4.70 -3.87	50.47 4.76 -6.06	57.84 5.34 -8.35	62.37 5.46 -13.58	60.97 5.63 -11.69	60.68 5.60 -11.00	59.26 6.43 -3.76	61.51 6.16 -5.70	64.15 5.81 -8.69	64.99 5.23 -13.51	69.22 5.66 -16.01	73.76 6.55 -13.91	82.19 6.82 -21.24	99.08 8.22 -25.09	92.93 6.85 -30.37	88.48 6.90 -28.09	82.34 6.73 -23.44	70.47 5.88 -16.76	62.87 6.05 -8.46	56.78 4.83 -8.07
ISLIP_RES_REC 323679	54.79 4.40 -0.36	50.33 3.89 -0.63	49.83 3.60 -3.34	47.88 3.48 -2.43	47.53 3.36 -3.64	48.40 3.45 -5.29	54.96 3.97 -6.84	57.87 3.94 -10.59	56.80 3.97 -9.19	56.67 4.05 -8.54	56.33 4.22 -3.04	58.66 4.56 -4.44	60.83 4.42 -6.77	60.84 4.07 -10.52	64.03 4.04 -12.44	68.38 4.05 -11.04	77.82 4.28 -19.42	92.44 5.26 -21.40	85.42 4.51 -25.19	81.64 4.06 -24.08	75.82 3.81 -19.84	66.39 3.78 -14.80	59.78 4.21 -7.22	54.46 3.73 -6.85

JAMAICA__27_KV_LOAD 355505	53.07 3.05 0.00	48.57 2.61 -0.15	48.08 2.36 -2.83	46.01 2.22 -1.82	45.68 2.15 -3.00	46.62 2.26 -4.71	53.24 2.60 -6.49	56.61 2.73 -10.55	55.56 2.84 -9.08	55.44 2.82 -8.54	55.08 3.09 -2.92	57.31 3.23 -4.43	59.55 3.13 -6.77	59.66 2.91 -10.49	62.89 2.90 -12.43	67.35 3.25 -10.81	74.20 3.57 -16.50	89.99 4.74 -19.49	83.25 3.96 -23.58	79.00 3.69 -21.82	73.92 3.55 -18.20	64.04 3.20 -13.02	58.22 3.29 -6.57	52.92 2.76 -6.27
JANIS__SOLAR 323808	51.52 1.50 0.00	46.95 1.10 -0.04	44.69 0.99 -0.81	43.45 0.97 -0.52	42.28 0.89 -0.86	41.95 0.95 -1.34	47.14 1.15 -1.85	47.28 0.91 -3.04	47.00 0.74 -2.61	47.16 0.62 -2.46	50.88 0.39 -1.42	52.33 0.50 -2.18	53.59 0.60 -3.34	52.15 0.56 -5.34	54.56 0.67 -6.34	59.75 0.96 -5.50	63.95 1.40 -8.42	77.96 2.24 -9.95	69.60 1.84 -12.05	66.39 1.76 -11.14	63.08 1.62 -9.29	52.64 1.10 -3.72	51.21 0.97 -1.88	46.47 0.79 -1.79
JARVIS____ 23743	50.27 0.25 0.00	46.04 0.23 0.00	43.10 0.22 0.00	42.18 0.21 0.00	40.73 0.20 0.00	39.86 0.20 0.00	44.32 0.18 0.00	43.51 0.17 0.00	43.82 0.18 0.00	44.30 0.22 0.00	49.32 0.25 0.00	49.90 0.25 0.00	49.90 0.25 0.00	46.49 0.23 0.00	47.80 0.24 0.00	53.56 0.27 0.00	54.35 0.22 0.00	66.04 0.26 0.00	55.94 0.22 0.00	53.70 0.21 0.00	52.38 0.21 0.00	48.01 0.19 0.00	48.56 0.19 0.00	44.02 0.13 0.00
JENNISON____1 23625	51.87 1.85 0.00	47.38 1.51 -0.06	45.25 1.33 -1.03	43.93 1.30 -0.66	42.79 1.18 -1.09	42.59 1.23 -1.71	47.86 1.37 -2.35	48.30 1.13 -3.84	48.09 1.13 -3.31	48.51 1.32 -3.11	51.50 1.28 -1.15	52.84 1.44 -1.75	53.92 1.59 -2.68	51.86 1.39 -4.22	54.03 1.47 -5.00	59.22 1.60 -4.33	62.52 1.79 -6.61	76.41 2.83 -7.81	67.45 2.28 -9.45	64.37 2.14 -8.74	61.45 1.98 -7.29	53.78 1.24 -4.72	51.85 1.11 -2.38	47.08 0.92 -2.27
JENNISON____2 23626	51.87 1.85 0.00	47.38 1.51 -0.06	45.25 1.33 -1.03	43.93 1.30 -0.66	42.79 1.18 -1.09	42.59 1.23 -1.71	47.86 1.37 -2.35	48.30 1.13 -3.84	48.09 1.13 -3.31	48.51 1.32 -3.11	51.50 1.28 -1.15	52.84 1.44 -1.75	53.92 1.59 -2.68	51.86 1.39 -4.22	54.03 1.47 -5.00	59.22 1.60 -4.33	62.52 1.79 -6.61	76.41 2.83 -7.81	67.45 2.28 -9.45	64.37 2.14 -8.74	61.45 1.98 -7.29	53.78 1.24 -4.72	51.85 1.11 -2.38	47.08 0.92 -2.27
JERICOHO_RISE_WT_PWR 323719	49.47 -0.55 0.00	45.90 0.09 0.00	43.06 0.17 0.00	41.80 -0.17 0.00	40.45 -0.08 0.00	39.18 -0.47 0.00	43.70 -0.44 0.00	42.99 -0.35 0.00	43.16 -0.48 0.00	43.95 -0.13 0.00	49.76 0.69 0.00	49.75 0.10 0.00	49.80 0.15 0.00	47.09 0.83 0.00	48.65 1.09 0.00	53.40 0.11 0.00	53.81 -0.32 0.00	65.18 -0.59 0.00	55.33 -0.39 0.00	53.06 -0.43 0.00	51.91 -0.26 0.00	47.92 0.10 0.00	48.51 0.15 0.00	43.71 -0.17 0.00
KATONAH__115KV_46KV_TB4 355592	53.07 3.05 0.00	48.67 2.70 -0.15	48.25 2.49 -2.87	46.20 2.39 -1.84	45.80 2.23 -3.04	46.76 2.34 -4.77	53.36 2.65 -6.57	56.74 2.73 -10.68	55.63 2.79 -9.20	55.60 2.87 -8.65	55.17 3.14 -2.96	57.46 3.33 -4.49	59.72 3.23 -6.84	59.98 3.10 -10.63	63.19 3.04 -12.59	67.54 3.30 -10.94	74.19 3.36 -16.71	89.91 4.41 -19.74	83.27 3.68 -23.88	79.01 3.42 -22.10	73.89 3.29 -18.43	64.11 3.11 -13.18	58.16 3.14 -6.65	52.95 2.72 -6.35
KCE_NY_1 323755	52.82 2.80 0.00	48.71 2.70 -0.20	48.98 2.44 -3.64	46.69 2.39 -2.33	46.78 2.39 -3.86	48.08 2.38 -6.05	55.13 2.65 -8.34	59.53 2.64 -13.56	58.11 2.80 -11.67	57.84 2.78 -10.98	56.01 3.19 -3.75	58.37 3.03 -5.69	61.31 2.98 -8.68	62.47 2.73 -13.49	66.48 2.95 -15.98	70.60 3.41 -13.89	78.80 3.47 -21.21	94.84 4.01 -25.05	89.38 3.34 -30.32	84.85 3.32 -28.05	78.81 3.24 -23.40	67.43 2.87 -16.74	59.76 2.95 -8.45	54.44 2.50 -8.06
KCE_NY_6_ESR 323823	47.32 -2.70 0.00	42.72 -3.12 -0.03	40.33 -3.04 -0.48	39.38 -2.90 -0.31	38.12 -2.92 -0.51	37.64 -2.81 -0.80	42.20 -3.05 -1.11	42.16 -2.99 -1.81	41.62 -3.58 -1.56	41.62 -3.92 -1.47	44.52 -4.76 -0.20	45.18 -4.77 -0.30	45.29 -4.82 -0.45	42.38 -4.53 -0.66	43.68 -4.66 -0.78	49.02 -4.95 -0.68	50.01 -5.14 -1.03	60.60 -6.38 -1.21	51.72 -5.46 -1.46	49.81 -5.03 -1.36	48.51 -4.80 -1.13	45.68 -4.35 -2.21	45.37 -4.11 -1.12	41.97 -2.99 -1.07
KEDC_PORT_JEFF_GT2 24210	54.49 4.15 -0.32	50.04 3.67 -0.57	49.55 3.39 -3.28	47.60 3.28 -2.36	47.25 3.16 -3.56	48.13 3.25 -5.22	54.69 3.75 -6.80	57.69 3.77 -10.59	56.61 3.80 -9.18	56.41 3.79 -8.54	56.12 4.02 -3.03	58.36 4.27 -4.44	60.53 4.12 -6.77	60.61 3.84 -10.52	63.66 3.66 -12.44	67.97 3.67 -11.01	76.97 3.79 -19.06	91.21 4.27 -21.17	84.55 3.84 -25.00	80.88 3.58 -23.80	75.15 3.34 -19.63	65.84 3.44 -14.58	59.41 3.92 -7.14	54.13 3.47 -6.78
KEDC_PORT_JEFF_GT3 24211	54.49 4.15 -0.32	50.04 3.67 -0.57	49.55 3.39 -3.28	47.60 3.28 -2.36	47.25 3.16 -3.56	48.13 3.25 -5.22	54.69 3.75 -6.80	57.69 3.77 -10.59	56.61 3.80 -9.18	56.41 3.79 -8.54	56.12 4.02 -3.03	58.36 4.27 -4.44	60.53 4.12 -6.77	60.61 3.84 -10.52	63.66 3.66 -12.44	67.97 3.67 -11.01	76.97 3.79 -19.06	91.21 4.27 -21.17	84.55 3.84 -25.00	80.88 3.58 -23.80	75.15 3.34 -19.63	65.84 3.44 -14.58	59.41 3.92 -7.14	54.13 3.47 -6.78
KEDC_GLWD_GT4 24219	55.30 3.55 -1.73	51.34 3.12 -2.42	50.99 2.87 -5.23	49.46 2.73 -4.76	49.21 2.63 -6.04	49.87 2.70 -7.52	55.34 3.04 -8.16	57.13 3.08 -10.72	56.34 3.14 -9.55	55.90 3.26 -8.55	56.09 3.54 -3.49	57.88 3.77 -4.46	60.11 3.67 -6.78	60.26 3.42 -10.58	63.42 3.38 -12.49	68.86 3.63 -11.94	88.51 3.73 -30.65	99.41 4.87 -28.77	91.11 4.01 -31.38	90.02 3.74 -32.79	81.91 3.60 -26.14	72.95 3.49 -21.65	61.51 3.48 -9.66	56.04 3.12 -9.04
KEDC_GLWD_GT5 24220	55.30 3.55 -1.73	51.34 3.12 -2.42	50.99 2.87 -5.23	49.46 2.73 -4.76	49.21 2.63 -6.04	49.87 2.70 -7.52	55.34 3.04 -8.16	57.13 3.08 -10.72	56.34 3.14 -9.55	55.90 3.26 -8.55	56.09 3.54 -3.49	57.88 3.77 -4.46	60.11 3.67 -6.78	60.26 3.42 -10.58	63.42 3.38 -12.49	68.86 3.63 -11.94	88.51 3.73 -30.65	99.41 4.87 -28.77	91.11 4.01 -31.38	90.02 3.74 -32.79	81.91 3.60 -26.14	72.95 3.49 -21.65	61.51 3.48 -9.66	56.04 3.12 -9.04
KENSICO____ 23655	52.87 2.85 0.00	48.48 2.52 -0.15	48.03 2.32 -2.83	45.96 2.18 -1.81	45.64 2.11 -3.00	46.53 2.18 -4.70	53.09 2.47 -6.47	56.37 2.51 -10.52	55.28 2.57 -9.06	55.25 2.64 -8.52	54.83 2.85 -2.91	57.15 3.08 -4.42	59.42 3.03 -6.74	59.55 2.82 -10.47	62.77 2.81 -12.41	67.06 2.98 -10.78	73.73 3.14 -16.46	89.30 4.08 -19.45	82.65 3.40 -23.53	78.42 3.16 -21.77	73.36 3.03 -18.16	63.73 2.92 -12.99	57.82 2.90 -6.56	52.73 2.59 -6.25
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	53.17 3.15 0.00	48.70 2.75 -0.15	48.20 2.57 -2.73	46.19 2.48 -1.75	45.70 2.27 -2.89	46.53 2.34 -4.54	53.14 2.74 -6.25	56.19 2.69 -10.17	55.15 2.75 -8.76	55.05 2.73 -8.24	54.78 2.90 -2.81	57.00 3.08 -4.27	59.19 3.03 -6.51	59.24 2.87 -10.12	62.45 2.90 -11.99	66.96 3.25 -10.42	73.61 3.57 -15.91	89.23 4.67 -18.79	82.35 3.90 -22.74	78.27 3.74 -21.04	73.22 3.50 -17.55	63.62 3.25 -12.55	57.89 3.19 -6.33	52.73 2.81 -6.04

KIAC_JFK_GT1 23816	52.82 2.80 0.00	48.34 2.38 -0.15	47.87 2.14 -2.83	45.80 2.01 -1.82	45.48 1.95 -3.00	46.42 2.06 -4.71	53.02 2.38 -6.49	56.35 2.47 -10.55	55.30 2.57 -9.08	55.18 2.56 -8.54	54.83 2.85 -2.92	57.06 2.98 -4.43	59.30 2.88 -6.77	59.43 2.68 -10.49	62.61 2.62 -12.43	67.03 2.93 -10.81	73.87 3.25 -16.50	89.60 4.34 -19.49	82.92 3.62 -23.58	78.62 3.32 -21.82	73.61 3.23 -18.20	63.76 2.92 -13.02	57.93 3.00 -6.57	52.65 2.50 -6.27
KIAC_JFK_GT2 23817	52.82 2.80 0.00	48.34 2.38 -0.15	47.87 2.14 -2.83	45.80 2.01 -1.82	45.48 1.95 -3.00	46.42 2.06 -4.71	53.02 2.38 -6.49	56.35 2.47 -10.55	55.30 2.57 -9.08	55.18 2.56 -8.54	54.83 2.85 -2.92	57.06 2.98 -4.43	59.30 2.88 -6.77	59.43 2.68 -10.49	62.61 2.62 -12.43	67.03 2.93 -10.81	73.87 3.25 -16.50	89.60 4.34 -19.49	82.92 3.62 -23.58	78.62 3.32 -21.82	73.61 3.23 -18.20	63.76 2.92 -13.02	57.93 3.00 -6.57	52.65 2.50 -6.27
KIAC_JFK____ 323774	52.87 2.85 0.00	48.34 2.38 -0.15	47.87 2.14 -2.83	45.80 2.01 -1.82	45.48 1.95 -3.00	46.42 2.06 -4.71	53.01 2.38 -6.49	56.39 2.51 -10.55	55.34 2.62 -9.08	55.22 2.60 -8.54	54.83 2.84 -2.92	57.07 2.98 -4.44	59.30 2.88 -6.77	59.43 2.68 -10.50	62.60 2.61 -12.43	67.08 2.98 -10.81	73.87 3.25 -16.50	89.60 4.34 -19.49	82.92 3.62 -23.58	78.62 3.32 -21.82	73.61 3.24 -18.20	63.71 2.87 -13.02	57.93 3.00 -6.57	52.65 2.50 -6.27
KINTIGH__24_KV_GSU 356498	46.87 -3.15 0.00	43.17 -2.66 -0.02	40.74 -2.53 -0.39	39.82 -2.39 -0.25	38.59 -2.35 -0.41	38.08 -2.22 -0.64	42.64 -2.38 -0.88	42.33 -2.43 -1.42	42.04 -2.84 -1.23	42.20 -3.04 -1.15	45.60 -3.68 -0.21	45.99 -3.97 -0.31	46.00 -4.12 -0.47	42.88 -4.07 -0.70	44.24 -4.14 -0.82	50.07 -3.94 -0.72	51.10 -4.12 -1.09	61.60 -5.46 -1.28	52.59 -4.68 -1.55	51.07 -3.85 -1.44	49.67 -3.70 -1.20	46.29 -3.30 -1.77	46.11 -3.14 -0.89	42.50 -2.24 -0.85
KINTIGH____ 23543	46.82 -3.20 0.00	43.08 -2.75 -0.02	40.74 -2.53 -0.39	39.82 -2.39 -0.25	38.59 -2.35 -0.41	38.07 -2.22 -0.64	42.64 -2.38 -0.88	42.37 -2.38 -1.42	42.03 -2.84 -1.23	42.19 -3.04 -1.15	45.55 -3.73 -0.21	45.99 -3.97 -0.31	45.95 -4.17 -0.47	42.92 -4.02 -0.69	44.28 -4.09 -0.81	50.07 -3.94 -0.72	51.10 -4.11 -1.09	61.60 -5.46 -1.28	52.64 -4.62 -1.55	51.07 -3.85 -1.44	49.67 -3.70 -1.20	46.29 -3.30 -1.77	46.11 -3.14 -0.89	42.54 -2.19 -0.85
KNTFSRNC_46_KV_46KV_LOAD 80397	50.67 0.65 0.00	46.36 0.55 0.00	43.49 0.60 0.00	42.22 0.25 0.00	40.86 0.32 0.00	39.58 -0.08 0.00	44.19 0.04 0.00	43.38 0.04 0.00	43.60 -0.04 0.00	44.43 0.35 0.00	50.49 1.42 0.00	50.44 0.79 0.00	50.39 0.74 0.00	47.64 1.39 0.00	49.27 1.71 0.00	54.04 0.75 0.00	54.45 0.32 0.00	66.03 0.26 0.00	56.05 0.33 0.00	53.81 0.32 0.00	52.64 0.47 0.00	48.58 0.77 0.00	49.13 0.77 0.00	44.24 0.35 0.00
LACHUTE____HYDRO 323717	55.57 5.55 0.00	51.32 5.31 -0.20	51.38 4.85 -3.65	49.00 4.70 -2.34	49.10 4.70 -3.87	50.47 4.76 -6.06	57.84 5.34 -8.35	62.37 5.46 -13.58	60.97 5.63 -11.69	60.68 5.60 -11.00	59.25 6.43 -3.76	61.31 5.96 -5.70	64.20 5.86 -8.69	64.99 5.23 -13.51	69.22 5.66 -16.00	73.76 6.55 -13.91	82.19 6.82 -21.24	99.08 8.22 -25.09	92.93 6.85 -30.37	88.48 6.90 -28.09	82.34 6.73 -23.44	70.42 5.83 -16.76	62.86 6.04 -8.46	56.78 4.83 -8.07
LAWRNCALV_115KV_TB1 80681	50.47 0.45 0.00	46.18 0.37 0.00	43.37 0.43 -0.05	42.08 0.08 -0.03	40.71 0.12 -0.05	39.34 -0.40 -0.08	43.60 -0.66 -0.12	42.79 -0.74 -0.19	42.98 -0.83 -0.16	43.75 -0.48 -0.15	49.61 0.49 -0.05	49.63 -0.10 -0.08	49.62 -0.15 -0.12	47.00 0.56 -0.19	48.64 0.86 -0.22	53.27 -0.21 -0.19	53.61 -0.81 -0.30	64.87 -1.25 -0.35	55.24 -0.89 -0.42	53.02 -0.86 -0.39	52.08 -0.42 -0.33	48.15 0.10 -0.23	48.82 0.34 -0.12	44.08 0.09 -0.11
LEDERLE____ 23769	52.82 2.80 0.00	48.48 2.52 -0.15	47.90 2.27 -2.74	45.91 2.18 -1.76	45.54 2.11 -2.90	46.39 2.18 -4.55	52.89 2.47 -6.28	56.05 2.51 -10.20	55.00 2.57 -8.78	54.99 2.64 -8.26	54.74 2.85 -2.82	57.01 3.08 -4.28	59.21 3.03 -6.53	59.23 2.82 -10.15	62.39 2.81 -12.03	66.78 3.04 -10.45	73.28 3.19 -15.96	88.77 4.14 -18.85	81.98 3.45 -22.81	77.80 3.21 -21.11	72.86 3.08 -17.61	63.33 2.92 -12.59	57.67 2.95 -6.36	52.54 2.59 -6.06
LIGHTHSE_115KV_TB6 355974	49.07 -0.95 0.00	44.90 -0.92 -0.01	42.24 -0.86 -0.21	41.26 -0.84 -0.14	39.95 -0.81 -0.23	39.10 -0.91 -0.35	43.53 -1.10 -0.49	42.91 -1.21 -0.79	43.06 -1.27 -0.68	43.53 -1.19 -0.64	48.01 -1.28 -0.22	48.74 -1.24 -0.33	48.91 -1.24 -0.50	45.88 -1.16 -0.78	47.35 -1.14 -0.93	52.82 -1.28 -0.81	54.12 -1.24 -1.46	65.92 -1.32 -1.77	56.42 -1.06 -1.46	54.11 -1.02 -1.64	52.60 -0.94 -1.37	47.94 -0.86 -0.98	47.94 -0.92 -0.49	43.43 -0.92 -0.47
LINDEN COGEN____ 23786	52.97 2.95 0.00	48.52 2.56 -0.15	48.04 2.31 -2.83	45.96 2.18 -1.82	45.64 2.11 -3.00	46.58 2.22 -4.71	53.15 2.51 -6.49	56.48 2.60 -10.55	55.43 2.71 -9.08	55.45 2.82 -8.54	55.03 3.04 -2.92	57.36 3.28 -4.44	59.60 3.18 -6.77	59.72 2.96 -10.50	62.94 2.95 -12.43	67.24 3.14 -10.81	73.87 3.25 -16.50	89.53 4.27 -19.49	82.87 3.57 -23.58	78.57 3.26 -21.82	73.50 3.13 -18.20	63.90 3.06 -13.02	57.98 3.05 -6.57	52.78 2.63 -6.27
LINDHRST_69_KV_BK1 356055	55.30 4.25 -1.03	51.12 3.80 -1.51	50.63 3.47 -4.26	48.90 3.36 -3.57	48.59 3.24 -4.82	49.33 3.29 -6.38	55.38 3.75 -7.48	57.75 3.77 -10.65	56.81 3.80 -9.37	56.68 4.06 -8.54	56.45 4.12 -3.26	58.72 4.62 -4.45	60.94 4.52 -6.77	60.83 4.02 -10.55	64.16 4.14 -12.47	68.93 4.16 -11.48	83.44 4.38 -24.93	96.38 5.59 -25.02	88.62 4.68 -28.23	86.23 4.39 -28.35	79.33 4.23 -22.93	70.04 4.06 -18.16	61.03 4.26 -8.41	55.58 3.77 -7.92
LIPA_MISC_IPP 23656	54.52 4.20 -0.30	50.11 3.76 -0.54	49.61 3.47 -3.25	47.69 3.40 -2.32	47.34 3.28 -3.52	48.26 3.41 -5.19	54.81 3.88 -6.78	57.82 3.90 -10.58	56.74 3.93 -9.17	56.45 3.84 -8.54	56.21 4.12 -3.02	58.41 4.32 -4.44	60.59 4.17 -6.77	60.66 3.89 -10.52	63.75 3.76 -12.44	67.96 3.68 -10.99	77.08 4.06 -18.89	91.83 5.00 -21.06	84.91 4.29 -24.90	80.85 3.69 -23.68	75.16 3.44 -19.54	65.83 3.54 -14.48	59.28 3.82 -7.10	54.05 3.42 -6.74
LISF____SOLAR 323691	54.73 4.40 -0.31	50.25 3.89 -0.55	49.75 3.60 -3.26	47.78 3.48 -2.33	47.43 3.36 -3.54	48.35 3.49 -5.20	54.95 4.02 -6.79	57.90 3.98 -10.58	56.83 4.01 -9.17	56.54 3.92 -8.54	56.32 4.22 -3.02	58.46 4.37 -4.44	60.63 4.22 -6.77	60.75 3.98 -10.52	63.84 3.85 -12.44	68.18 3.89 -11.00	77.25 4.17 -18.96	92.07 5.19 -21.10	85.11 4.46 -24.94	81.01 3.80 -23.72	75.30 3.55 -19.58	65.87 3.54 -14.52	59.44 3.97 -7.12	54.15 3.51 -6.76
LITTLE FALLS____HYD 24013	53.37 3.35 0.00	48.88 3.07 0.00	45.76 2.87 0.00	44.74 2.77 0.00	43.21 2.68 0.00	42.27 2.62 0.00	47.01 2.87 0.00	46.06 2.73 0.00	46.39 2.75 0.00	46.95 2.87 0.00	52.21 3.14 0.00	52.88 3.23 0.00	52.88 3.23 0.00	49.21 2.96 0.00	50.55 3.00 0.00	56.54 3.25 0.00	57.27 3.14 0.00	69.52 3.75 0.00	58.78 3.06 0.00	56.22 2.73 0.00	54.68 2.50 0.00	50.16 2.34 0.00	50.68 2.32 0.00	45.95 2.06 0.00

LITTLRIV_115KV_TB1 356100	51.07 1.05 0.00	46.77 0.96 0.00	43.89 0.94 -0.05	42.55 0.55 -0.03	41.20 0.61 -0.06	39.78 0.04 -0.09	44.13 -0.13 -0.12	43.23 -0.30 -0.20	43.33 -0.48 -0.17	44.02 -0.22 -0.16	49.91 0.79 -0.05	49.93 0.20 -0.08	49.92 0.15 -0.13	47.28 0.83 -0.19	48.98 1.19 -0.23	53.71 0.21 -0.20	54.22 -0.22 -0.31	65.81 -0.33 -0.36	56.10 -0.06 -0.44	53.84 -0.05 -0.41	52.88 0.37 -0.34	48.83 0.77 -0.24	49.50 1.02 -0.12	44.62 0.61 -0.12
LI_NEWBRDGE___DRP 323616	53.44 3.35 -0.07	49.12 3.07 -0.24	48.60 2.79 -2.93	46.58 2.69 -1.93	46.24 2.59 -3.12	47.09 2.62 -4.81	53.66 2.96 -6.56	56.93 3.03 -10.56	55.81 3.06 -9.11	55.83 3.22 -8.53	55.40 3.39 -2.95	57.71 3.62 -4.44	59.89 3.48 -6.76	60.00 3.24 -10.51	63.08 3.09 -12.43	67.38 3.25 -10.84	74.42 3.30 -16.99	89.86 4.28 -19.81	83.14 3.57 -23.86	79.01 3.32 -22.20	73.88 3.23 -18.48	64.24 3.11 -13.32	58.29 3.24 -6.69	53.15 2.90 -6.37
LOCKPORT_115KV_TB60_63_64 80432	46.87 -3.15 0.00	42.53 -3.30 -0.02	40.10 -3.22 -0.43	39.22 -3.02 -0.27	37.98 -3.00 -0.45	37.47 -2.89 -0.71	42.03 -3.09 -0.98	41.84 -3.08 -1.58	41.29 -3.71 -1.36	41.30 -4.06 -1.28	44.42 -4.86 -0.21	44.95 -5.01 -0.31	45.00 -5.11 -0.47	42.03 -4.90 -0.68	43.37 -4.99 -0.80	48.99 -5.01 -0.70	49.95 -5.25 -1.07	60.39 -6.64 -1.26	51.50 -5.74 -1.52	49.92 -4.97 -1.41	48.55 -4.80 -1.18	45.47 -4.30 -1.96	45.28 -4.06 -0.99	41.89 -2.94 -0.94
LOCKPORT___CC1 323769	46.87 -3.15 0.00	42.53 -3.30 -0.02	40.10 -3.22 -0.43	39.22 -3.02 -0.28	37.99 -3.00 -0.46	37.52 -2.86 -0.72	42.04 -3.09 -0.99	41.86 -3.08 -1.60	41.31 -3.71 -1.37	41.36 -4.01 -1.29	44.52 -4.76 -0.21	44.99 -4.96 -0.31	45.00 -5.11 -0.47	42.03 -4.90 -0.68	43.37 -4.99 -0.80	48.98 -5.01 -0.70	49.94 -5.25 -1.06	60.18 -6.84 -1.25	51.43 -5.80 -1.51	49.86 -5.03 -1.40	48.55 -4.80 -1.17	45.44 -4.35 -1.97	45.29 -4.06 -1.00	41.90 -2.94 -0.95
LOCKPORT___CC2 323770	46.87 -3.15 0.00	42.53 -3.30 -0.02	40.10 -3.22 -0.43	39.22 -3.02 -0.28	37.99 -3.00 -0.46	37.52 -2.86 -0.72	42.04 -3.09 -0.99	41.86 -3.08 -1.60	41.31 -3.71 -1.37	41.36 -4.01 -1.29	44.52 -4.76 -0.21	44.99 -4.96 -0.31	45.00 -5.11 -0.47	42.03 -4.90 -0.68	43.37 -4.99 -0.80	48.98 -5.01 -0.70	49.94 -5.25 -1.06	60.18 -6.84 -1.25	51.43 -5.80 -1.51	49.86 -5.03 -1.40	48.55 -4.80 -1.17	45.44 -4.35 -1.97	45.29 -4.06 -1.00	41.90 -2.94 -0.95
LOCKPORT___CC3 323771	46.87 -3.15 0.00	42.53 -3.30 -0.02	40.10 -3.22 -0.43	39.22 -3.02 -0.28	37.99 -3.00 -0.46	37.52 -2.86 -0.72	42.04 -3.09 -0.99	41.86 -3.08 -1.60	41.31 -3.71 -1.37	41.36 -4.01 -1.29	44.52 -4.76 -0.21	44.99 -4.96 -0.31	45.00 -5.11 -0.47	42.03 -4.90 -0.68	43.37 -4.99 -0.80	48.98 -5.01 -0.70	49.94 -5.25 -1.06	60.18 -6.84 -1.25	51.43 -5.80 -1.51	49.86 -5.03 -1.40	48.55 -4.80 -1.17	45.44 -4.35 -1.97	45.29 -4.06 -1.00	41.90 -2.94 -0.95
LOCUSVLY_69_KV_BK2 55797	55.17 3.75 -1.40	51.14 3.34 -1.99	50.75 3.09 -4.78	49.15 2.98 -4.21	48.84 2.84 -5.47	49.54 2.89 -6.99	55.30 3.31 -7.84	57.36 3.34 -10.69	56.51 3.40 -9.47	56.11 3.48 -8.55	56.18 3.73 -3.38	58.08 3.97 -4.45	60.30 3.87 -6.78	60.43 3.61 -10.57	63.56 3.52 -12.48	68.75 3.73 -11.73	86.00 3.90 -27.97	97.78 5.00 -27.01	89.80 4.18 -29.91	88.05 3.85 -30.71	80.56 3.76 -24.63	71.42 3.59 -20.01	61.16 3.72 -9.08	55.73 3.34 -8.51
LONG_LAKE_PHOENIX 24014	48.37 -1.65 0.00	44.31 -1.51 -0.01	41.71 -1.42 -0.24	40.78 -1.34 -0.15	39.48 -1.30 -0.25	38.78 -1.27 -0.39	43.27 -1.41 -0.54	42.82 -1.39 -0.87	43.00 -1.40 -0.75	43.33 -1.45 -0.71	47.74 -1.57 -0.24	48.43 -1.59 -0.37	48.62 -1.59 -0.56	45.60 -1.53 -0.87	47.02 -1.57 -1.03	52.54 -1.65 -0.90	53.88 -1.62 -1.37	65.42 -1.97 -1.62	56.06 -1.62 -1.96	53.75 -1.55 -1.81	52.12 -1.57 -1.51	47.42 -1.48 -1.08	47.36 -1.55 -0.55	43.05 -1.36 -0.52
LOVETT___3 23632	52.62 2.60 0.00	48.25 2.29 -0.15	47.75 2.10 -2.76	45.75 2.01 -1.77	45.36 1.90 -2.92	46.22 1.98 -4.58	52.76 2.30 -6.32	55.90 2.30 -10.27	54.89 2.40 -8.84	54.87 2.47 -8.32	54.56 2.65 -2.84	56.79 2.83 -4.31	59.01 2.78 -6.57	59.06 2.59 -10.22	62.23 2.57 -12.11	66.58 2.77 -10.52	73.06 2.87 -16.06	88.49 3.75 -18.97	81.80 3.12 -22.96	77.67 2.94 -21.24	72.66 2.77 -17.72	63.17 2.68 -12.68	57.47 2.71 -6.40	52.40 2.41 -6.10
LOVETT___4 23642	52.62 2.60 0.00	48.25 2.29 -0.15	47.75 2.10 -2.76	45.75 2.01 -1.77	45.36 1.90 -2.92	46.22 1.98 -4.58	52.76 2.30 -6.32	55.90 2.30 -10.27	54.89 2.40 -8.84	54.87 2.47 -8.32	54.56 2.65 -2.84	56.79 2.83 -4.31	59.01 2.78 -6.57	59.06 2.59 -10.22	62.23 2.57 -12.11	66.58 2.77 -10.52	73.06 2.87 -16.06	88.49 3.75 -18.97	81.80 3.12 -22.96	77.67 2.94 -21.24	72.66 2.77 -17.72	63.17 2.68 -12.68	57.47 2.71 -6.40	52.40 2.41 -6.10
LOVETT___5 23593	52.62 2.60 0.00	48.25 2.29 -0.15	47.75 2.10 -2.76	45.75 2.01 -1.77	45.36 1.90 -2.92	46.22 1.98 -4.58	52.76 2.30 -6.32	55.90 2.30 -10.27	54.89 2.40 -8.84	54.87 2.47 -8.32	54.56 2.65 -2.84	56.79 2.83 -4.31	59.01 2.78 -6.57	59.06 2.59 -10.22	62.23 2.57 -12.11	66.58 2.77 -10.52	73.06 2.87 -16.06	88.49 3.75 -18.97	81.80 3.12 -22.96	77.67 2.94 -21.24	72.66 2.77 -17.72	63.17 2.68 -12.68	57.47 2.71 -6.40	52.40 2.41 -6.10
LOWER RAQUET___HYD 24057	49.82 -0.20 0.00	46.18 0.36 0.00	43.33 0.39 -0.05	42.04 0.04 -0.04	40.67 0.08 -0.06	39.27 -0.47 -0.09	43.48 -0.79 -0.13	42.80 -0.74 -0.20	42.86 -0.96 -0.17	43.59 -0.66 -0.16	49.27 0.15 -0.06	49.34 -0.40 -0.09	49.43 -0.35 -0.13	46.83 0.37 -0.20	48.46 0.67 -0.24	53.13 -0.37 -0.21	53.47 -0.97 -0.32	64.64 -1.51 -0.38	55.06 -1.11 -0.46	52.84 -1.07 -0.42	51.95 -0.57 -0.35	48.02 -0.05 -0.25	48.78 0.29 -0.13	44.05 0.04 -0.12
LOWER___HUDSON 24059	52.07 2.05 0.00	47.93 1.92 -0.19	48.23 1.76 -3.58	45.98 1.72 -2.29	46.03 1.70 -3.79	47.27 1.67 -5.95	54.20 1.85 -8.20	58.43 1.78 -13.32	56.99 1.88 -11.47	56.77 1.89 -10.79	54.91 2.16 -3.69	57.28 2.04 -5.60	60.27 2.08 -8.53	61.41 1.90 -13.25	65.26 2.00 -15.70	69.29 2.34 -13.65	77.35 2.38 -20.85	93.16 2.76 -24.62	87.80 2.29 -29.80	83.30 2.25 -27.57	77.36 2.19 -23.00	66.18 1.91 -16.45	58.65 1.98 -8.30	53.60 1.80 -7.92
LOWVILLE_115KV_TB2 356335	50.77 0.75 0.00	46.46 0.64 -0.01	43.55 0.56 -0.11	42.50 0.46 -0.07	41.05 0.41 -0.11	39.87 0.04 -0.18	44.17 -0.22 -0.25	43.26 -0.48 -0.40	43.42 -0.57 -0.34	43.92 -0.48 -0.32	48.94 -0.25 -0.11	49.47 -0.35 -0.17	49.66 -0.25 -0.26	46.56 -0.09 -0.40	48.08 0.05 -0.47	53.59 -0.11 -0.41	54.54 -0.22 -0.63	66.38 -0.13 -0.74	56.50 -0.11 -0.89	54.15 -0.16 -0.83	53.02 0.16 -0.69	48.41 0.10 -0.49	48.66 0.05 -0.25	43.86 -0.26 -0.24
LUTHERFT_115KV_GLOB_FND_222 355753	52.82 2.80 0.00	48.66 2.66 -0.20	48.98 2.44 -3.64	46.69 2.39 -2.33	46.74 2.35 -3.86	48.04 2.34 -6.05	55.09 2.60 -8.34	59.53 2.64 -13.56	58.07 2.75 -11.67	57.79 2.73 -10.98	55.96 3.14 -3.75	58.37 3.03 -5.69	61.26 2.93 -8.68	62.43 2.68 -13.49	66.44 2.90 -15.98	70.54 3.36 -13.89	78.75 3.41 -21.21	94.84 4.01 -25.05	89.32 3.29 -30.32	84.80 3.26 -28.05	78.75 3.18 -23.40	67.38 2.82 -16.74	59.71 2.90 -8.45	54.40 2.46 -8.06

LUTHERNY_35_KV_BK2 355980	52.82 2.80 0.00	48.71 2.70 -0.20	48.98 2.44 -3.64	46.69 2.39 -2.33	46.78 2.39 -3.86	48.08 2.38 -6.05	55.13 2.65 -8.34	59.53 2.64 -13.56	58.11 2.79 -11.67	57.84 2.78 -10.98	56.01 3.19 -3.75	58.42 3.08 -5.69	61.31 2.98 -8.68	62.47 2.73 -13.49	66.49 2.95 -15.98	70.59 3.41 -13.89	78.80 3.46 -21.21	94.90 4.08 -25.05	89.38 3.34 -30.32	84.85 3.32 -28.05	78.81 3.23 -23.40	67.43 2.87 -16.74	59.76 2.95 -8.45	54.44 2.50 -8.06
LWR___OSWEGATCHIE_HYD 23850	50.17 0.15 0.00	45.90 0.09 0.00	43.10 0.13 -0.09	41.90 -0.13 -0.05	40.54 -0.08 -0.09	39.24 -0.56 -0.14	43.33 -1.02 -0.20	42.48 -1.17 -0.32	42.65 -1.27 -0.27	43.28 -1.06 -0.26	48.81 -0.34 -0.09	49.09 -0.70 -0.13	49.16 -0.70 -0.20	46.34 -0.23 -0.32	47.93 0.00 -0.37	52.98 -0.64 -0.33	53.44 -1.19 -0.50	64.91 -1.45 -0.59	55.31 -1.11 -0.71	53.02 -1.12 -0.66	52.20 -0.52 -0.55	47.97 -0.24 -0.39	48.41 -0.15 -0.20	43.68 -0.39 -0.19
LYONS_FALL_HYD 23570	50.72 0.70 0.00	46.50 0.69 -0.01	43.63 0.64 -0.10	42.58 0.54 -0.06	41.16 0.53 -0.11	40.10 0.28 -0.17	44.51 0.13 -0.23	43.66 -0.04 -0.37	43.88 -0.09 -0.32	44.43 0.04 -0.30	49.32 0.15 -0.10	49.96 0.15 -0.16	50.09 0.20 -0.24	46.95 0.33 -0.37	48.42 0.43 -0.44	54.05 0.38 -0.38	55.04 0.33 -0.58	66.98 0.52 -0.69	56.94 0.39 -0.83	54.64 0.38 -0.77	53.34 0.52 -0.64	48.71 0.43 -0.46	48.98 0.39 -0.23	44.19 0.09 -0.22
MADISON___COUNTY_LFGE 323628	50.97 0.95 0.00	46.64 0.82 -0.01	43.83 0.77 -0.17	42.83 0.76 -0.11	41.40 0.69 -0.18	40.62 0.67 -0.29	45.29 0.75 -0.40	44.59 0.61 -0.65	44.81 0.61 -0.56	45.27 0.66 -0.52	49.94 0.69 -0.18	50.67 0.74 -0.27	50.91 0.84 -0.41	47.68 0.79 -0.64	49.22 0.90 -0.76	54.97 1.01 -0.66	56.28 1.14 -1.01	68.48 1.51 -1.20	58.39 1.23 -1.45	55.95 1.12 -1.34	54.39 1.10 -1.12	49.53 0.91 -0.80	49.63 0.87 -0.40	44.97 0.70 -0.38
MALONE___115KV_TB1 356076	50.72 0.70 0.00	46.40 0.60 0.00	43.53 0.64 0.00	42.26 0.29 0.00	40.90 0.36 0.00	39.54 -0.12 0.00	44.10 -0.04 0.00	43.29 -0.04 0.00	43.56 -0.09 0.00	44.39 0.31 0.00	50.49 1.42 0.00	50.39 0.74 0.00	50.35 0.70 0.00	47.64 1.39 0.00	49.27 1.71 0.00	53.98 0.69 0.00	54.29 0.16 0.00	65.77 0.00 0.00	55.88 0.17 0.00	53.65 0.16 0.00	52.54 0.37 0.00	48.54 0.72 0.00	49.18 0.82 0.00	44.28 0.39 0.00
MAPLEWOD_115KV_TB3 80458	51.72 1.70 0.00	47.65 1.65 -0.19	47.93 1.50 -3.54	45.75 1.51 -2.27	45.74 1.46 -3.75	46.97 1.43 -5.88	53.80 1.55 -8.11	57.99 1.47 -13.18	56.52 1.53 -11.35	56.34 1.59 -10.68	54.53 1.82 -3.65	56.92 1.74 -5.54	59.83 1.74 -8.44	60.99 1.62 -13.12	64.81 1.71 -15.54	68.77 1.97 -13.51	76.75 2.00 -20.62	92.43 2.30 -24.36	87.09 1.89 -29.48	82.63 1.87 -27.27	76.75 1.83 -22.75	65.72 1.63 -16.27	58.27 1.69 -8.21	53.21 1.49 -7.83
MAPLE_RIDGE_WT_1 323574	49.67 -0.35 0.00	45.67 -0.14 0.00	42.76 -0.13 0.00	41.68 -0.29 0.00	40.21 -0.33 0.00	39.14 -0.52 0.00	43.53 -0.62 0.00	42.73 -0.61 0.00	42.99 -0.65 0.00	43.55 -0.53 0.00	48.83 -0.24 0.00	49.20 -0.45 0.00	49.20 -0.45 0.00	46.07 -0.18 0.00	47.46 -0.09 0.00	52.71 -0.59 0.00	53.26 -0.87 0.00	64.52 -1.25 0.00	54.54 -1.17 0.00	52.26 -1.23 0.00	51.03 -1.15 0.00	46.86 -0.96 0.00	47.44 -0.92 0.00	42.92 -0.97 0.00
MAPLE_RIDGE_WT_2 323611	49.67 -0.35 0.00	45.67 -0.14 0.00	42.76 -0.13 0.00	41.68 -0.29 0.00	40.21 -0.33 0.00	39.14 -0.52 0.00	43.53 -0.62 0.00	42.73 -0.61 0.00	42.99 -0.65 0.00	43.55 -0.53 0.00	48.83 -0.24 0.00	49.20 -0.45 0.00	49.20 -0.45 0.00	46.07 -0.18 0.00	47.46 -0.09 0.00	52.71 -0.59 0.00	53.26 -0.87 0.00	64.52 -1.25 0.00	54.54 -1.17 0.00	52.26 -1.23 0.00	51.03 -1.15 0.00	46.86 -0.96 0.00	47.44 -0.92 0.00	42.92 -0.97 0.00
MARBLE_RIVER_WT_PWR 323696	49.52 -0.50 0.00	45.90 0.09 0.00	43.06 0.17 0.00	41.84 -0.13 0.00	40.45 -0.08 0.00	39.22 -0.44 0.00	43.75 -0.40 0.00	43.03 -0.30 0.00	43.16 -0.48 0.00	43.95 -0.13 0.00	49.76 0.69 0.00	49.75 0.10 0.00	49.80 0.15 0.00	47.09 0.83 0.00	48.65 1.09 0.00	53.45 0.16 0.00	53.81 -0.32 0.00	65.18 -0.59 0.00	55.33 -0.39 0.00	53.06 -0.43 0.00	51.91 -0.26 0.00	47.92 0.10 0.00	48.51 0.15 0.00	43.71 -0.17 0.00
MARSHVLE_115KV_TB1 80742	51.07 1.05 0.00	47.09 1.05 -0.22	47.98 0.94 -4.15	45.50 0.88 -2.66	45.86 0.93 -4.39	47.53 0.99 -6.88	54.83 1.19 -9.49	59.93 1.17 -15.43	57.85 0.92 -13.29	57.11 0.53 -12.50	53.83 0.49 -4.27	56.68 0.55 -6.48	60.08 0.55 -9.88	62.21 0.60 -15.35	66.79 1.05 -18.19	70.59 1.49 -15.81	80.05 1.79 -24.14	96.52 2.24 -28.51	92.11 1.89 -34.50	87.34 1.93 -31.92	80.58 1.77 -26.63	68.49 1.63 -19.05	59.57 1.60 -9.61	54.02 0.97 -9.17
MARSH_HILL_WT_PWR 323713	48.72 -1.30 0.00	43.96 -1.88 -0.03	41.60 -1.93 -0.64	40.49 -1.89 -0.41	39.22 -1.99 -0.68	38.73 -1.98 -1.06	43.44 -2.16 -1.46	43.69 -2.17 -2.52	43.02 -2.79 -2.17	42.77 -3.35 -2.04	44.80 -4.17 0.09	45.06 -4.42 0.17	44.84 -4.52 0.29	41.36 -4.40 0.50	42.35 -4.61 0.60	47.83 -4.95 0.51	48.56 -4.76 0.81	59.09 -5.72 0.96	49.75 -4.79 1.17	47.87 -4.55 1.08	46.75 -4.54 0.89	46.44 -4.30 -2.93	45.58 -4.26 -1.48	41.92 -3.38 -1.41
MCINTYRE_115KV_TB2 80467	51.42 1.40 0.00	47.09 1.28 0.00	44.18 1.24 -0.05	42.84 0.84 -0.03	41.43 0.85 -0.05	40.10 0.36 -0.08	44.57 0.31 -0.11	43.60 0.09 -0.18	43.67 -0.13 -0.16	44.27 0.04 -0.15	50.20 1.08 -0.05	50.17 0.45 -0.08	50.17 0.40 -0.12	47.55 1.11 -0.18	49.25 1.47 -0.22	54.07 0.59 -0.19	54.63 0.22 -0.29	66.51 0.39 -0.34	56.74 0.61 -0.41	54.46 0.59 -0.38	53.43 0.94 -0.32	49.29 1.24 -0.23	49.93 1.45 -0.12	44.92 0.92 -0.11
MECO_____69_KV_BK1 80468	52.42 2.40 0.00	48.41 2.38 -0.22	49.03 2.14 -4.00	46.58 2.06 -2.56	46.83 2.07 -4.23	48.39 2.10 -6.64	55.77 2.47 -9.15	60.67 2.47 -14.87	58.59 2.14 -12.81	57.76 1.63 -12.04	54.81 1.62 -4.12	57.53 1.64 -6.25	60.76 1.59 -9.52	62.67 1.62 -14.80	67.28 2.19 -17.53	71.51 2.98 -15.24	80.75 3.36 -23.27	97.46 4.21 -27.48	92.48 3.51 -33.26	87.84 3.58 -30.77	81.18 3.34 -25.67	69.14 2.96 -18.36	60.62 3.00 -9.26	54.92 2.19 -8.84
MENANDS___115KV_TB5 355628	51.52 1.50 0.00	47.46 1.47 -0.19	47.75 1.33 -3.53	45.57 1.34 -2.26	45.57 1.30 -3.74	46.75 1.23 -5.86	53.55 1.32 -8.08	57.69 1.21 -13.14	56.27 1.31 -11.32	56.09 1.37 -10.64	54.28 1.57 -3.64	56.66 1.49 -5.52	59.55 1.49 -8.41	60.72 1.39 -13.08	64.52 1.47 -15.49	68.41 1.65 -13.47	76.37 1.68 -20.56	91.97 1.91 -24.29	86.67 1.56 -29.39	82.23 1.55 -27.19	76.42 1.57 -22.68	65.43 1.39 -16.23	57.95 1.40 -8.19	52.97 1.27 -7.81
MG INDUSTRY___DRP 24185	51.57 1.55 0.00	47.51 1.51 -0.19	47.68 1.33 -3.46	45.53 1.34 -2.22	45.49 1.30 -3.66	46.67 1.27 -5.74	53.43 1.37 -7.92	57.46 1.26 -12.87	56.04 1.31 -11.08	55.78 1.28 -10.42	54.06 1.42 -3.56	56.40 1.34 -5.41	59.23 1.34 -8.24	60.31 1.25 -12.81	64.11 1.38 -15.17	68.08 1.60 -13.19	75.89 1.62 -20.14	91.47 1.91 -23.79	86.06 1.56 -28.79	81.67 1.55 -26.63	75.96 1.57 -22.22	65.10 1.39 -15.89	57.83 1.45 -8.02	52.81 1.27 -7.65

MID___OSWEGATCHIE_HYD 23849	50.17 0.15 0.00	45.90 0.09 0.00	43.10 0.13 -0.09	41.90 -0.13 -0.05	40.54 -0.08 -0.09	39.24 -0.56 -0.14	43.33 -1.02 -0.20	42.48 -1.17 -0.32	42.65 -1.27 -0.27	43.28 -1.06 -0.26	48.81 -0.34 -0.09	49.09 -0.70 -0.13	49.16 -0.70 -0.20	46.34 -0.23 -0.32	47.93 0.00 -0.37	52.98 -0.64 -0.33	53.44 -1.19 -0.50	64.91 -1.45 -0.59	55.31 -1.11 -0.71	53.02 -1.12 -0.66	52.20 -0.52 -0.55	47.97 -0.24 -0.39	48.41 -0.15 -0.20	43.68 -0.39 -0.19
MID___RAQUETTE_HYD 23851	50.42 0.40 0.00	46.18 0.37 0.00	43.33 0.39 -0.05	42.04 0.04 -0.04	40.67 0.08 -0.06	39.27 -0.48 -0.09	43.48 -0.79 -0.13	42.67 -0.87 -0.20	42.86 -0.96 -0.17	43.58 -0.66 -0.16	49.47 0.34 -0.06	49.44 -0.30 -0.09	49.48 -0.30 -0.13	46.83 0.37 -0.20	48.46 0.67 -0.24	53.13 -0.37 -0.21	53.47 -0.97 -0.32	64.63 -1.51 -0.38	55.05 -1.11 -0.46	52.84 -1.07 -0.42	51.95 -0.57 -0.35	48.02 -0.05 -0.25	48.78 0.29 -0.13	44.05 0.04 -0.12
MILLIKEN___1 23584	50.17 0.15 0.00	45.84 0.00 -0.03	43.45 -0.04 -0.61	42.36 0.00 -0.39	41.14 -0.04 -0.64	40.67 0.00 -1.01	45.63 0.09 -1.39	45.66 0.04 -2.28	45.57 -0.04 -1.96	45.75 -0.18 -1.85	50.17 -0.25 -1.35	51.53 -0.20 -2.08	52.69 -0.15 -3.19	51.22 -0.19 -5.15	53.48 -0.19 -6.11	58.47 -0.11 -5.28	62.39 0.16 -8.10	75.67 0.33 -9.57	67.64 0.33 -11.59	64.53 0.32 -10.72	61.37 0.26 -8.93	50.71 0.10 -2.79	49.77 0.00 -1.41	45.27 0.04 -1.34
MILLIKEN___2 23585	50.17 0.15 0.00	45.84 0.00 -0.03	43.45 -0.04 -0.61	42.36 0.00 -0.39	41.14 -0.04 -0.64	40.67 0.00 -1.01	45.63 0.09 -1.39	45.66 0.04 -2.28	45.57 -0.04 -1.96	45.75 -0.18 -1.85	50.17 -0.25 -1.35	51.53 -0.20 -2.08	52.69 -0.15 -3.19	51.22 -0.19 -5.15	53.48 -0.19 -6.11	58.47 -0.11 -5.28	62.39 0.16 -8.10	75.67 0.33 -9.57	67.64 0.33 -11.59	64.53 0.32 -10.72	61.37 0.26 -8.93	50.71 0.10 -2.79	49.77 0.00 -1.41	45.27 0.04 -1.34
MILLIKEN___DIESEL 23629	50.17 0.15 0.00	45.84 0.00 -0.03	43.45 -0.04 -0.61	42.36 0.00 -0.39	41.14 -0.04 -0.64	40.67 0.00 -1.01	45.63 0.09 -1.39	45.66 0.04 -2.28	45.57 -0.04 -1.96	45.75 -0.18 -1.85	50.17 -0.25 -1.35	51.53 -0.20 -2.08	52.69 -0.15 -3.19	51.22 -0.19 -5.15	53.48 -0.19 -6.11	58.47 -0.11 -5.28	62.39 0.16 -8.10	75.67 0.33 -9.57	67.64 0.33 -11.59	64.53 0.32 -10.72	61.37 0.26 -8.93	50.71 0.10 -2.79	49.77 0.00 -1.41	45.27 0.04 -1.34
MILLSEAT___LFGE 323607	47.77 -2.25 0.00	43.31 -2.52 -0.02	40.81 -2.49 -0.41	39.92 -2.31 -0.26	38.66 -2.31 -0.44	38.16 -2.18 -0.68	42.84 -2.25 -0.94	42.60 -2.26 -1.52	42.16 -2.79 -1.31	42.22 -3.09 -1.23	45.60 -3.68 -0.21	46.09 -3.87 -0.32	46.11 -4.02 -0.48	43.06 -3.89 -0.69	44.43 -3.95 -0.82	50.17 -3.84 -0.71	51.37 -3.84 -1.08	62.11 -4.93 -1.27	52.91 -4.35 -1.54	51.38 -3.53 -1.43	49.92 -3.45 -1.19	46.55 -3.16 -1.89	46.36 -2.95 -0.95	42.65 -2.15 -0.91
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	52.77 2.75 0.00	48.39 2.43 -0.15	47.94 2.23 -2.82	45.91 2.14 -1.80	45.54 2.03 -2.98	46.44 2.10 -4.68	52.98 2.38 -6.45	56.24 2.43 -10.48	55.16 2.49 -9.03	55.13 2.56 -8.49	54.72 2.75 -2.90	57.03 2.98 -4.40	59.29 2.93 -6.71	59.42 2.73 -10.43	62.63 2.71 -12.36	66.91 2.88 -10.74	73.56 3.03 -16.40	89.09 3.95 -19.37	82.45 3.29 -23.45	78.23 3.05 -21.69	73.19 2.92 -18.09	63.58 2.82 -12.94	57.70 2.80 -6.53	52.62 2.50 -6.23
MILLWOOD_13_KV_LOAD 356217	52.92 2.90 0.00	48.53 2.57 -0.15	48.07 2.36 -2.82	46.04 2.27 -1.80	45.66 2.15 -2.98	46.55 2.22 -4.68	53.11 2.52 -6.45	56.37 2.56 -10.48	55.29 2.62 -9.03	55.26 2.69 -8.49	54.87 2.90 -2.90	57.18 3.13 -4.40	59.39 3.03 -6.71	59.60 2.91 -10.43	62.77 2.85 -12.36	67.12 3.09 -10.74	73.72 3.19 -16.40	89.29 4.14 -19.37	82.61 3.45 -23.45	78.39 3.21 -21.69	73.35 3.08 -18.09	63.73 2.96 -12.94	57.89 3.00 -6.53	52.75 2.63 -6.23
MODEL_CITY_ENERGY 24167	46.62 -3.40 0.00	42.12 -3.71 -0.02	39.77 -3.56 -0.44	38.85 -3.40 -0.28	37.67 -3.32 -0.46	37.17 -3.21 -0.72	41.65 -3.49 -1.00	41.49 -3.47 -1.62	40.93 -4.10 -1.39	40.98 -4.41 -1.31	44.08 -5.20 -0.21	44.55 -5.41 -0.31	44.60 -5.51 -0.47	41.66 -5.27 -0.68	42.94 -5.42 -0.81	48.56 -5.44 -0.70	49.45 -5.74 -1.07	59.59 -7.43 -1.26	50.94 -6.30 -1.52	49.44 -5.46 -1.41	48.08 -5.27 -1.17	45.03 -4.78 -2.00	44.92 -4.45 -1.01	41.56 -3.29 -0.96
MODERN_LFGE___ 323580	46.62 -3.40 0.00	42.12 -3.71 -0.02	39.77 -3.56 -0.44	38.85 -3.40 -0.28	37.67 -3.32 -0.46	37.17 -3.21 -0.72	41.65 -3.49 -1.00	41.49 -3.47 -1.62	40.93 -4.10 -1.39	40.98 -4.41 -1.31	44.08 -5.20 -0.21	44.55 -5.41 -0.31	44.60 -5.51 -0.47	41.66 -5.27 -0.68	42.94 -5.42 -0.81	48.56 -5.44 -0.70	49.45 -5.74 -1.07	59.59 -7.43 -1.26	50.94 -6.30 -1.52	49.44 -5.46 -1.41	48.08 -5.27 -1.17	45.03 -4.78 -2.00	44.92 -4.45 -1.01	41.56 -3.29 -0.96
MOHAWK_PAPER___DRP 24187	51.72 1.70 0.00	47.65 1.65 -0.19	47.93 1.50 -3.54	45.75 1.51 -2.27	45.74 1.46 -3.75	46.97 1.43 -5.88	53.80 1.55 -8.11	57.99 1.47 -13.18	56.52 1.53 -11.35	56.34 1.59 -10.68	54.53 1.82 -3.65	56.92 1.74 -5.54	59.83 1.74 -8.44	60.99 1.62 -13.12	64.81 1.71 -15.54	68.77 1.97 -13.51	76.75 2.00 -20.62	92.43 2.30 -24.36	87.09 1.89 -29.48	82.63 1.87 -27.27	76.75 1.83 -22.75	65.72 1.63 -16.27	58.27 1.69 -8.21	53.21 1.49 -7.83
MOHICAN___35_KV_115KV_LD 80490	53.57 3.55 0.00	49.44 3.44 -0.20	49.67 3.13 -3.65	47.37 3.06 -2.34	47.43 3.04 -3.86	48.76 3.05 -6.05	55.94 3.44 -8.35	60.41 3.51 -13.57	58.99 3.67 -11.68	58.77 3.70 -10.99	57.09 4.27 -3.76	59.42 4.07 -5.70	62.21 3.87 -8.69	63.22 3.47 -13.50	67.31 3.76 -16.00	71.57 4.37 -13.90	79.80 4.44 -21.23	96.11 5.26 -25.08	90.41 4.35 -30.35	85.90 4.33 -28.07	79.82 4.23 -23.42	68.30 3.73 -16.75	60.68 3.87 -8.45	55.11 3.16 -8.06
MONGAUP___HYD 23641	52.77 2.75 0.00	48.33 2.38 -0.14	47.71 2.23 -2.60	45.77 2.14 -1.66	45.27 1.99 -2.75	46.03 2.06 -4.31	52.47 2.38 -5.94	55.29 2.30 -9.66	54.23 2.27 -8.32	54.02 2.12 -7.82	53.95 2.21 -2.67	56.04 2.33 -4.06	58.17 2.33 -6.19	58.08 2.22 -9.61	61.22 2.28 -11.38	65.80 2.61 -9.90	72.22 2.98 -15.11	87.70 4.08 -17.85	80.72 3.40 -21.60	76.74 3.26 -19.99	71.92 3.08 -16.67	62.57 2.82 -11.93	57.18 2.80 -6.02	52.08 2.46 -5.74
MONTAUK___DIESEL 23721	55.32 5.00 -0.30	51.03 4.67 -0.55	50.64 4.50 -3.25	48.91 4.62 -2.33	48.60 4.54 -3.53	49.57 4.72 -5.19	56.40 5.47 -6.78	59.33 5.42 -10.58	58.36 5.54 -9.17	57.91 5.29 -8.54	57.88 5.79 -3.02	59.85 5.76 -4.44	61.93 5.51 -6.77	61.77 5.00 -10.52	64.85 4.85 -12.44	69.14 4.85 -11.00	78.35 5.30 -18.91	93.09 6.25 -21.07	85.76 5.13 -24.92	81.35 4.17 -23.69	75.38 3.65 -19.55	65.99 3.68 -14.49	59.38 3.92 -7.11	54.32 3.69 -6.75
MOONROAD_115KV_HARTFLD_TB1-2 355988	47.72 -2.30 0.00	43.13 -2.70 -0.03	40.40 -3.00 -0.51	39.36 -2.94 -0.33	38.04 -3.04 -0.54	37.50 -3.01 -0.85	41.83 -3.49 -1.18	41.76 -3.51 -1.94	41.21 -4.10 -1.67	41.15 -4.50 -1.57	43.58 -5.69 -0.20	44.18 -5.76 -0.29	44.23 -5.86 -0.43	41.22 -5.69 -0.66	42.34 -5.99 -0.78	47.50 -6.45 -0.65	48.56 -6.55 -0.99	60.88 -6.05 -1.16	50.49 -6.63 -1.40	48.64 -6.15 -1.30	47.42 -5.84 -1.09	44.87 -5.31 -2.36	44.47 -5.08 -1.19	41.25 -3.77 -1.14

MORRIS_RIDGE___SOLAR 323848	48.07 -1.95 0.00	43.46 -2.38 -0.03	41.13 -2.36 -0.60	40.08 -2.27 -0.38	38.90 -2.27 -0.63	38.43 -2.22 -1.00	43.05 -2.47 -1.37	43.24 -2.43 -2.33	42.64 -3.01 -2.01	42.49 -3.48 -1.89	44.92 -4.27 -0.12	45.40 -4.42 -0.17	45.42 -4.47 -0.24	42.30 -4.30 -0.35	43.49 -4.47 -0.41	48.96 -4.69 -0.36	50.00 -4.66 -0.53	60.74 -5.66 -0.62	51.61 -4.85 -0.75	49.64 -4.55 -0.69	48.38 -4.38 -0.58	46.51 -4.06 -2.75	45.83 -3.92 -1.39	42.22 -2.99 -1.33
MORTIMER_115KV_TB3 55949	48.07 -1.95 0.00	44.09 -1.74 -0.02	41.64 -1.59 -0.34	40.72 -1.47 -0.22	39.43 -1.46 -0.36	38.87 -1.35 -0.57	43.56 -1.37 -0.78	43.21 -1.34 -1.22	43.12 -1.57 -1.05	43.39 -1.68 -0.99	47.28 -2.01 -0.22	47.85 -2.13 -0.33	47.87 -2.28 -0.51	44.71 -2.22 -0.68	46.13 -2.24 -0.80	52.02 -2.03 -0.75	53.32 -1.95 -1.14	64.42 -2.70 -1.35	54.89 -2.45 -1.63	53.12 -1.87 -1.51	51.61 -1.83 -1.26	47.71 -1.67 -1.56	47.51 -1.64 -0.79	43.45 -1.18 -0.75
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	53.12 3.10 0.00	48.66 2.70 -0.15	48.21 2.49 -2.83	46.13 2.35 -1.82	45.80 2.27 -3.00	46.70 2.34 -4.71	53.28 2.65 -6.49	56.61 2.73 -10.55	55.52 2.79 -9.08	55.49 2.87 -8.54	55.13 3.14 -2.92	57.46 3.38 -4.43	59.68 3.28 -6.75	59.85 3.10 -10.49	63.04 3.04 -12.43	67.35 3.25 -10.81	74.04 3.41 -16.50	89.67 4.41 -19.49	82.98 3.68 -23.59	78.73 3.42 -21.82	73.66 3.29 -18.20	64.00 3.16 -13.02	58.12 3.19 -6.57	52.92 2.76 -6.27
MUNSVILLE_WIND_PWR 323609	53.22 3.20 0.00	48.47 2.61 -0.05	46.17 2.36 -0.92	44.86 2.31 -0.59	43.65 2.15 -0.97	43.36 2.18 -1.53	48.76 2.51 -2.10	48.85 2.08 -3.44	48.70 2.09 -2.96	49.25 2.38 -2.79	52.66 2.31 -1.29	54.20 2.58 -1.97	55.34 2.68 -3.01	53.47 2.45 -4.77	55.87 2.66 -5.65	61.13 2.93 -4.91	64.94 3.30 -7.51	79.32 4.67 -8.88	70.19 3.73 -10.75	66.90 3.47 -9.94	63.70 3.24 -8.29	54.43 2.39 -4.22	52.67 2.18 -2.13	47.63 1.71 -2.03
N SALMON___HYD 24042	50.02 0.00 0.00	46.40 0.59 0.00	43.53 0.64 0.00	42.26 0.30 0.00	40.90 0.36 0.00	39.54 -0.12 0.00	44.10 -0.04 0.00	43.42 0.09 0.00	43.56 -0.09 0.00	44.39 0.31 0.00	50.34 1.27 0.00	50.25 0.60 0.00	50.29 0.64 0.00	47.64 1.39 0.00	49.27 1.71 0.00	53.98 0.69 0.00	54.29 0.16 0.00	65.77 0.00 0.00	55.88 0.17 0.00	53.65 0.16 0.00	52.54 0.37 0.00	48.54 0.72 0.00	49.18 0.82 0.00	44.28 0.39 0.00
N.AKRON__115KV_KNAPP 355671	47.62 -2.40 0.00	43.22 -2.61 -0.02	40.77 -2.53 -0.42	39.88 -2.35 -0.27	38.58 -2.39 -0.44	38.09 -2.26 -0.69	42.76 -2.34 -0.95	42.57 -2.30 -1.54	42.08 -2.88 -1.32	42.15 -3.17 -1.24	45.40 -3.88 -0.21	45.94 -4.02 -0.31	45.95 -4.17 -0.47	42.96 -3.98 -0.68	44.32 -4.04 -0.80	50.06 -3.94 -0.71	51.20 -4.01 -1.08	61.98 -5.06 -1.27	52.79 -4.46 -1.54	51.22 -3.69 -1.42	49.82 -3.55 -1.19	46.47 -3.25 -1.90	46.23 -3.10 -0.96	42.61 -2.19 -0.92
N.E_GEN_SANDY PD 24062	53.09 2.10 -0.97	50.80 1.97 -3.02	48.08 1.76 -3.43	47.60 1.80 -3.83	48.80 1.74 -6.53	54.00 1.70 -12.64	55.79 1.85 -9.79	60.38 1.78 -15.27	66.10 1.83 -20.62	59.80 1.85 -13.87	56.65 2.06 -5.52	57.00 1.99 -5.36	59.91 2.08 -8.18	60.85 1.90 -12.70	64.51 1.90 -15.05	71.80 2.24 -16.27	82.00 2.27 -25.60	92.00 2.63 -23.59	86.50 2.23 -28.56	82.10 2.19 -26.42	76.30 2.09 -22.04	65.40 1.82 -15.76	58.20 1.88 -7.95	54.41 1.84 -8.68
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	52.67 2.65 0.00	48.29 2.34 -0.15	47.78 2.14 -2.75	45.78 2.06 -1.76	45.39 1.95 -2.91	46.24 2.02 -4.56	52.77 2.34 -6.29	55.90 2.34 -10.23	54.89 2.44 -8.81	54.88 2.51 -8.28	54.60 2.70 -2.83	56.82 2.88 -4.29	59.03 2.83 -6.55	59.07 2.64 -10.18	62.23 2.62 -12.06	66.59 2.82 -10.48	73.10 2.98 -16.00	88.55 3.88 -18.90	81.81 3.23 -22.87	77.64 3.00 -21.16	72.69 2.87 -17.65	63.17 2.73 -12.62	57.49 2.76 -6.37	52.42 2.46 -6.08
N.QUEENS_27_KV_LOAD 356247	53.27 3.25 0.00	48.80 2.84 -0.15	48.30 2.57 -2.83	46.22 2.43 -1.82	45.88 2.35 -3.00	46.78 2.42 -4.71	53.37 2.74 -6.49	56.70 2.82 -10.55	55.61 2.88 -9.08	55.75 3.13 -8.54	55.33 3.34 -2.92	57.75 3.67 -4.43	60.04 3.62 -6.77	60.13 3.38 -10.49	63.27 3.28 -12.43	67.46 3.36 -10.81	74.04 3.41 -16.50	89.73 4.47 -19.49	83.03 3.73 -23.59	78.79 3.48 -21.82	73.71 3.34 -18.20	64.24 3.40 -13.02	58.32 3.39 -6.57	53.09 2.94 -6.27
N.TROY___115KV_TB1 355778	52.02 2.00 0.00	47.93 1.92 -0.19	48.23 1.76 -3.58	45.98 1.72 -2.29	46.03 1.70 -3.79	47.27 1.67 -5.95	54.20 1.85 -8.20	58.43 1.78 -13.32	56.99 1.88 -11.47	56.77 1.90 -10.79	54.92 2.16 -3.69	57.28 2.04 -5.60	60.27 2.09 -8.53	61.41 1.90 -13.26	65.26 2.00 -15.71	69.29 2.34 -13.65	77.36 2.38 -20.85	93.16 2.76 -24.62	87.80 2.28 -29.80	83.30 2.25 -27.57	77.36 2.19 -23.00	66.18 1.91 -16.45	58.64 1.98 -8.30	53.60 1.80 -7.92
NARROWS_GT1_1 24228	53.88 3.85 -0.01	49.31 3.34 -0.16	48.78 3.05 -2.84	46.68 2.89 -1.82	46.30 2.76 -3.01	47.18 2.82 -4.71	53.72 3.09 -6.49	57.00 3.12 -10.55	55.91 3.18 -9.08	55.97 3.35 -8.54	55.62 3.63 -2.92	58.01 3.92 -4.44	60.29 3.88 -6.77	60.36 3.61 -10.50	63.56 3.57 -12.43	67.94 3.84 -10.81	74.58 3.95 -16.50	90.45 5.19 -19.49	83.59 4.29 -23.59	79.32 4.01 -21.82	74.24 3.86 -18.20	64.67 3.83 -13.03	58.76 3.82 -6.58	53.54 3.38 -6.27
NARROWS_GT1_2 24229	53.88 3.85 -0.01	49.31 3.34 -0.16	48.78 3.05 -2.84	46.68 2.89 -1.82	46.30 2.76 -3.01	47.18 2.82 -4.71	53.72 3.09 -6.49	57.00 3.12 -10.55	55.91 3.18 -9.08	55.97 3.35 -8.54	55.62 3.63 -2.92	58.01 3.92 -4.44	60.29 3.88 -6.77	60.36 3.61 -10.50	63.56 3.57 -12.43	67.94 3.84 -10.81	74.58 3.95 -16.50	90.45 5.19 -19.49	83.59 4.29 -23.59	79.32 4.01 -21.82	74.24 3.86 -18.20	64.67 3.83 -13.03	58.76 3.82 -6.58	53.54 3.38 -6.27
NARROWS_GT1_3 24230	53.88 3.85 -0.01	49.31 3.34 -0.16	48.78 3.05 -2.84	46.68 2.89 -1.82	46.30 2.76 -3.01	47.18 2.82 -4.71	53.72 3.09 -6.49	57.00 3.12 -10.55	55.91 3.18 -9.08	55.97 3.35 -8.54	55.62 3.63 -2.92	58.01 3.92 -4.44	60.29 3.88 -6.77	60.36 3.61 -10.50	63.56 3.57 -12.43	67.94 3.84 -10.81	74.58 3.95 -16.50	90.45 5.19 -19.49	83.59 4.29 -23.59	79.32 4.01 -21.82	74.24 3.86 -18.20	64.67 3.83 -13.03	58.76 3.82 -6.58	53.54 3.38 -6.27
NARROWS_GT1_4 24231	53.88 3.85 -0.01	49.31 3.34 -0.16	48.78 3.05 -2.84	46.68 2.89 -1.82	46.30 2.76 -3.01	47.18 2.82 -4.71	53.72 3.09 -6.49	57.00 3.12 -10.55	55.91 3.18 -9.08	55.97 3.35 -8.54	55.62 3.63 -2.92	58.01 3.92 -4.44	60.29 3.88 -6.77	60.36 3.61 -10.50	63.56 3.57 -12.43	67.94 3.84 -10.81	74.58 3.95 -16.50	90.45 5.19 -19.49	83.59 4.29 -23.59	79.32 4.01 -21.82	74.24 3.86 -18.20	64.67 3.83 -13.03	58.76 3.82 -6.58	53.54 3.38 -6.27
NARROWS_GT1_5 24232	53.88 3.85 -0.01	49.31 3.34 -0.16	48.78 3.05 -2.84	46.68 2.89 -1.82	46.30 2.76 -3.01	47.18 2.82 -4.71	53.72 3.09 -6.49	57.00 3.12 -10.55	55.91 3.18 -9.08	55.97 3.35 -8.54	55.62 3.63 -2.92	58.01 3.92 -4.44	60.29 3.88 -6.77	60.36 3.61 -10.50	63.56 3.57 -12.43	67.94 3.84 -10.81	74.58 3.95 -16.50	90.45 5.19 -19.49	83.59 4.29 -23.59	79.32 4.01 -21.82	74.24 3.86 -18.20	64.67 3.83 -13.03	58.76 3.82 -6.58	53.54 3.38 -6.27

NARROWS_GT1_6 24233	53.88 3.85 -0.01	49.31 3.34 -0.16	48.78 3.05 -2.84	46.68 2.89 -1.82	46.30 2.76 -3.01	47.18 2.82 -4.71	53.72 3.09 -6.49	57.00 3.12 -10.55	55.91 3.18 -9.08	55.97 3.35 -8.54	55.62 3.63 -2.92	58.01 3.92 -4.44	60.29 3.88 -6.77	60.36 3.61 -10.50	63.56 3.57 -12.43	67.94 3.84 -10.81	74.58 3.95 -16.50	90.45 5.19 -19.49	83.59 4.29 -23.59	79.32 4.01 -21.82	74.24 3.86 -18.20	64.67 3.83 -13.03	58.76 3.82 -6.58	53.54 3.38 -6.27
NARROWS_GT1_7 24234	53.88 3.85 -0.01	49.31 3.34 -0.16	48.78 3.05 -2.84	46.68 2.89 -1.82	46.30 2.76 -3.01	47.18 2.82 -4.71	53.72 3.09 -6.49	57.00 3.12 -10.55	55.91 3.18 -9.08	55.97 3.35 -8.54	55.62 3.63 -2.92	58.01 3.92 -4.44	60.29 3.88 -6.77	60.36 3.61 -10.50	63.56 3.57 -12.43	67.94 3.84 -10.81	74.58 3.95 -16.50	90.45 5.19 -19.49	83.59 4.29 -23.59	79.32 4.01 -21.82	74.24 3.86 -18.20	64.67 3.83 -13.03	58.76 3.82 -6.58	53.54 3.38 -6.27
NARROWS_GT1_8 24235	53.88 3.85 -0.01	49.31 3.34 -0.16	48.78 3.05 -2.84	46.68 2.89 -1.82	46.30 2.76 -3.01	47.18 2.82 -4.71	53.72 3.09 -6.49	57.00 3.12 -10.55	55.91 3.18 -9.08	55.97 3.35 -8.54	55.62 3.63 -2.92	58.01 3.92 -4.44	60.29 3.88 -6.77	60.36 3.61 -10.50	63.56 3.57 -12.43	67.94 3.84 -10.81	74.58 3.95 -16.50	90.45 5.19 -19.49	83.59 4.29 -23.59	79.32 4.01 -21.82	74.24 3.86 -18.20	64.67 3.83 -13.03	58.76 3.82 -6.58	53.54 3.38 -6.27
NARROWS_GT2_1 24236	53.88 3.85 -0.01	49.31 3.34 -0.16	48.78 3.05 -2.84	46.68 2.89 -1.82	46.30 2.76 -3.01	47.18 2.82 -4.71	53.72 3.09 -6.49	57.00 3.12 -10.55	55.91 3.18 -9.08	55.97 3.35 -8.54	55.62 3.63 -2.92	58.01 3.92 -4.44	60.29 3.88 -6.77	60.36 3.61 -10.50	63.56 3.57 -12.43	67.94 3.84 -10.81	74.58 3.95 -16.50	90.45 5.19 -19.49	83.59 4.29 -23.59	79.32 4.01 -21.82	74.24 3.86 -18.20	64.67 3.83 -13.03	58.76 3.82 -6.58	53.54 3.38 -6.27
NARROWS_GT2_2 24237	53.88 3.85 -0.01	49.31 3.34 -0.16	48.78 3.05 -2.84	46.68 2.89 -1.82	46.30 2.76 -3.01	47.18 2.82 -4.71	53.72 3.09 -6.49	57.00 3.12 -10.55	55.91 3.18 -9.08	55.97 3.35 -8.54	55.62 3.63 -2.92	58.01 3.92 -4.44	60.29 3.88 -6.77	60.36 3.61 -10.50	63.56 3.57 -12.43	67.94 3.84 -10.81	74.58 3.95 -16.50	90.45 5.19 -19.49	83.59 4.29 -23.59	79.32 4.01 -21.82	74.24 3.86 -18.20	64.67 3.83 -13.03	58.76 3.82 -6.58	53.54 3.38 -6.27
NARROWS_GT2_3 24238	53.88 3.85 -0.01	49.31 3.34 -0.16	48.78 3.05 -2.84	46.68 2.89 -1.82	46.30 2.76 -3.01	47.18 2.82 -4.71	53.72 3.09 -6.49	57.00 3.12 -10.55	55.91 3.18 -9.08	55.97 3.35 -8.54	55.62 3.63 -2.92	58.01 3.92 -4.44	60.29 3.88 -6.77	60.36 3.61 -10.50	63.56 3.57 -12.43	67.94 3.84 -10.81	74.58 3.95 -16.50	90.45 5.19 -19.49	83.59 4.29 -23.59	79.32 4.01 -21.82	74.24 3.86 -18.20	64.67 3.83 -13.03	58.76 3.82 -6.58	53.54 3.38 -6.27
NARROWS_GT2_4 24239	53.88 3.85 -0.01	49.31 3.34 -0.16	48.78 3.05 -2.84	46.68 2.89 -1.82	46.30 2.76 -3.01	47.18 2.82 -4.71	53.72 3.09 -6.49	57.00 3.12 -10.55	55.91 3.18 -9.08	55.97 3.35 -8.54	55.62 3.63 -2.92	58.01 3.92 -4.44	60.29 3.88 -6.77	60.36 3.61 -10.50	63.56 3.57 -12.43	67.94 3.84 -10.81	74.58 3.95 -16.50	90.45 5.19 -19.49	83.59 4.29 -23.59	79.32 4.01 -21.82	74.24 3.86 -18.20	64.67 3.83 -13.03	58.76 3.82 -6.58	53.54 3.38 -6.27
NARROWS_GT2_5 24240	53.88 3.85 -0.01	49.31 3.34 -0.16	48.78 3.05 -2.84	46.68 2.89 -1.82	46.30 2.76 -3.01	47.18 2.82 -4.71	53.72 3.09 -6.49	57.00 3.12 -10.55	55.91 3.18 -9.08	55.97 3.35 -8.54	55.62 3.63 -2.92	58.01 3.92 -4.44	60.29 3.88 -6.77	60.36 3.61 -10.50	63.56 3.57 -12.43	67.94 3.84 -10.81	74.58 3.95 -16.50	90.45 5.19 -19.49	83.59 4.29 -23.59	79.32 4.01 -21.82	74.24 3.86 -18.20	64.67 3.83 -13.03	58.76 3.82 -6.58	53.54 3.38 -6.27
NARROWS_GT2_6 24241	53.88 3.85 -0.01	49.31 3.34 -0.16	48.78 3.05 -2.84	46.68 2.89 -1.82	46.30 2.76 -3.01	47.18 2.82 -4.71	53.72 3.09 -6.49	57.00 3.12 -10.55	55.91 3.18 -9.08	55.97 3.35 -8.54	55.62 3.63 -2.92	58.01 3.92 -4.44	60.29 3.88 -6.77	60.36 3.61 -10.50	63.56 3.57 -12.43	67.94 3.84 -10.81	74.58 3.95 -16.50	90.45 5.19 -19.49	83.59 4.29 -23.59	79.32 4.01 -21.82	74.24 3.86 -18.20	64.67 3.83 -13.03	58.76 3.82 -6.58	53.54 3.38 -6.27
NARROWS_GT2_7 24242	53.88 3.85 -0.01	49.31 3.34 -0.16	48.78 3.05 -2.84	46.68 2.89 -1.82	46.30 2.76 -3.01	47.18 2.82 -4.71	53.72 3.09 -6.49	57.00 3.12 -10.55	55.91 3.18 -9.08	55.97 3.35 -8.54	55.62 3.63 -2.92	58.01 3.92 -4.44	60.29 3.88 -6.77	60.36 3.61 -10.50	63.56 3.57 -12.43	67.94 3.84 -10.81	74.58 3.95 -16.50	90.45 5.19 -19.49	83.59 4.29 -23.59	79.32 4.01 -21.82	74.24 3.86 -18.20	64.67 3.83 -13.03	58.76 3.82 -6.58	53.54 3.38 -6.27
NARROWS_GT2_8 24243	53.88 3.85 -0.01	49.31 3.34 -0.16	48.78 3.05 -2.84	46.68 2.89 -1.82	46.30 2.76 -3.01	47.18 2.82 -4.71	53.72 3.09 -6.49	57.00 3.12 -10.55	55.91 3.18 -9.08	55.97 3.35 -8.54	55.62 3.63 -2.92	58.01 3.92 -4.44	60.29 3.88 -6.77	60.36 3.61 -10.50	63.56 3.57 -12.43	67.94 3.84 -10.81	74.58 3.95 -16.50	90.45 5.19 -19.49	83.59 4.29 -23.59	79.32 4.01 -21.82	74.24 3.86 -18.20	64.67 3.83 -13.03	58.76 3.82 -6.58	53.54 3.38 -6.27
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	52.27 2.25 0.00	48.14 2.15 -0.18	47.89 1.63 -3.37	45.72 1.59 -2.16	45.60 1.50 -3.57	46.71 1.47 -5.59	53.53 1.68 -7.71	57.42 1.56 -12.53	56.00 1.57 -10.79	55.60 1.37 -10.15	54.01 1.47 -3.47	56.25 1.34 -5.26	59.01 1.34 -8.02	59.97 1.25 -12.47	63.85 1.52 -14.77	68.05 1.92 -12.84	76.01 2.27 -19.60	91.76 2.83 -23.16	86.08 2.34 -28.02	81.77 2.35 -25.93	75.99 2.19 -21.63	65.16 1.86 -15.47	58.05 1.89 -7.81	52.87 1.54 -7.45
NCHELSEA_115KV_TR2 355582	52.97 2.95 0.00	48.62 2.66 -0.15	48.18 2.44 -2.85	46.14 2.35 -1.82	45.74 2.19 -3.02	46.64 2.26 -4.73	53.27 2.60 -6.52	56.53 2.60 -10.59	55.43 2.66 -9.12	55.40 2.73 -8.58	55.00 2.99 -2.93	57.28 3.18 -4.45	59.56 3.13 -6.78	59.71 2.91 -10.54	63.00 2.95 -12.49	67.40 3.25 -10.86	74.11 3.41 -16.57	89.76 4.41 -19.58	83.03 3.62 -23.69	78.83 3.42 -21.92	73.69 3.23 -18.28	63.96 3.06 -13.08	58.01 3.05 -6.60	52.86 2.68 -6.30
NEG CAPITAL___MECHNVIL 23645	52.87 2.85 0.00	48.71 2.70 -0.20	48.96 2.44 -3.63	46.68 2.39 -2.32	46.72 2.35 -3.84	48.01 2.34 -6.02	55.05 2.60 -8.30	59.46 2.64 -13.49	58.01 2.75 -11.61	57.78 2.78 -10.92	55.99 3.19 -3.73	58.34 3.03 -5.66	61.31 3.03 -8.64	62.45 2.78 -13.42	66.45 3.00 -15.90	70.57 3.46 -13.82	78.70 3.47 -21.10	94.77 4.08 -24.92	89.22 3.34 -30.16	84.71 3.32 -27.91	78.69 3.24 -23.28	67.29 2.82 -16.65	59.71 2.95 -8.40	54.40 2.50 -8.01
NEG CENTRAL_HIGH_ACRES 23767	47.32 -2.70 0.00	43.44 -2.38 -0.02	40.93 -2.27 -0.32	40.03 -2.14 -0.20	38.76 -2.11 -0.34	38.20 -1.98 -0.53	42.80 -2.07 -0.73	42.46 -2.04 -1.16	42.46 -2.18 -1.00	42.77 -2.25 -0.94	46.84 -2.50 -0.27	47.42 -2.63 -0.40	47.53 -2.73 -0.61	44.50 -2.68 -0.93	45.90 -2.76 -1.10	51.53 -2.72 -0.96	52.93 -2.65 -1.46	64.07 -3.42 -1.72	54.67 -3.12 -2.08	52.85 -2.57 -1.92	51.22 -2.56 -1.61	46.89 -2.39 -1.46	46.73 -2.37 -0.74	42.61 -1.97 -0.70

NEG CENTRAL___DRP 24199	48.87 -1.15 0.00	44.73 -1.10 -0.02	42.18 -1.03 -0.32	41.25 -0.92 -0.21	39.94 -0.93 -0.34	39.36 -0.83 -0.53	44.04 -0.84 -0.74	43.69 -0.82 -1.18	43.75 -0.92 -1.02	44.03 -1.01 -0.96	48.27 -1.13 -0.33	49.00 -1.14 -0.50	49.27 -1.14 -0.76	46.28 -1.16 -1.18	47.76 -1.19 -1.39	53.40 -1.12 -1.23	55.03 -0.97 -1.87	66.80 -1.18 -2.21	57.33 -1.06 -2.68	55.06 -0.91 -2.48	53.30 -0.94 -2.07	48.39 -0.91 -1.48	48.14 -0.97 -0.75	43.81 -0.79 -0.71
NEG CENTRAL___INDECK 23768	49.67 -0.35 0.00	45.24 -0.60 -0.03	42.72 -0.69 -0.52	41.75 -0.55 -0.33	40.43 -0.65 -0.55	39.96 -0.56 -0.86	44.89 -0.44 -1.19	46.50 0.65 -2.51	45.63 -0.17 -2.16	44.88 -1.23 -2.03	47.16 -1.91 0.00	47.44 -2.18 0.03	47.36 -2.23 0.06	44.20 -2.27 -0.21	45.52 -2.28 -0.24	51.54 -1.97 -0.22	52.87 -1.57 -0.32	64.50 -1.64 -0.37	54.71 -1.45 -0.44	53.04 -0.86 -0.41	51.59 -0.94 -0.35	49.20 -1.01 -2.39	48.55 -1.02 -1.21	44.38 -0.66 -1.15
NEG CENTRAL___SENECA 23627	48.67 -1.35 0.00	44.54 -1.28 -0.02	42.05 -1.16 -0.32	41.12 -1.05 -0.20	39.81 -1.05 -0.34	39.19 -0.99 -0.53	43.90 -0.97 -0.73	43.54 -0.95 -1.16	43.60 -1.05 -1.00	43.88 -1.15 -0.94	48.07 -1.32 -0.32	48.80 -1.34 -0.49	49.00 -1.39 -0.74	46.02 -1.39 -1.16	47.50 -1.43 -1.37	53.23 -1.28 -1.21	54.84 -1.14 -1.85	66.51 -1.45 -2.19	56.97 -1.39 -2.65	54.87 -1.07 -2.45	53.12 -1.10 -2.04	48.18 -1.10 -1.46	47.99 -1.11 -0.74	43.71 -0.88 -0.70
NEG CENTRAL___STATE_STREET 24147	49.27 -0.75 0.00	45.09 -0.73 -0.02	42.52 -0.73 -0.36	41.57 -0.63 -0.23	40.27 -0.65 -0.39	39.66 -0.59 -0.60	44.40 -0.57 -0.83	44.12 -0.56 -1.35	44.19 -0.61 -1.16	44.47 -0.71 -1.09	48.75 -0.83 -0.51	49.69 -0.74 -0.78	50.10 -0.74 -1.20	47.40 -0.74 -1.89	49.03 -0.76 -2.23	54.54 -0.69 -1.95	56.56 -0.54 -2.98	68.76 -0.53 -3.52	59.53 -0.45 -4.26	57.05 -0.37 -3.94	54.99 -0.47 -3.28	48.96 -0.53 -1.67	48.58 -0.63 -0.84	44.16 -0.53 -0.80
NEG MILLWOOD___DRP 24198	53.27 3.25 0.00	48.85 2.89 -0.15	48.46 2.70 -2.87	46.41 2.60 -1.84	46.00 2.43 -3.04	46.92 2.50 -4.76	53.54 2.83 -6.57	56.91 2.90 -10.68	55.81 2.97 -9.19	55.77 3.04 -8.65	55.36 3.34 -2.95	57.66 3.53 -4.48	59.91 3.43 -6.84	60.21 3.33 -10.62	63.43 3.28 -12.59	67.86 3.62 -10.94	74.51 3.68 -16.70	90.30 4.80 -19.73	83.55 3.96 -23.88	79.32 3.74 -22.09	74.15 3.55 -18.43	64.35 3.35 -13.18	58.35 3.34 -6.65	53.12 2.90 -6.34
NEG NORTH_FLCN_SEA 23793	50.52 0.50 0.00	46.27 0.46 0.00	43.40 0.51 0.00	42.14 0.17 0.00	40.77 0.24 0.00	39.50 -0.16 0.00	44.06 -0.09 0.00	43.25 -0.09 0.00	43.51 -0.13 0.00	44.30 0.22 0.00	50.35 1.28 0.00	50.30 0.65 0.00	50.25 0.60 0.00	47.50 1.25 0.00	49.08 1.52 0.00	53.88 0.59 0.00	54.29 0.16 0.00	65.77 0.00 0.00	55.83 0.11 0.00	53.54 0.05 0.00	52.38 0.21 0.00	48.35 0.53 0.00	48.94 0.58 0.00	44.10 0.22 0.00
NEG NORTH_KES_CHATEGAY 23792	50.22 0.20 0.00	45.99 0.18 0.00	43.15 0.26 0.00	41.93 -0.04 0.00	40.53 0.00 0.00	39.26 -0.40 0.00	43.79 -0.35 0.00	42.99 -0.35 0.00	43.25 -0.39 0.00	43.99 -0.09 0.00	49.95 0.88 0.00	49.90 0.25 0.00	49.90 0.25 0.00	47.13 0.88 0.00	48.70 1.14 0.00	53.45 0.16 0.00	53.91 -0.22 0.00	65.31 -0.46 0.00	55.49 -0.22 0.00	53.22 -0.27 0.00	52.07 -0.10 0.00	48.06 0.24 0.00	48.60 0.24 0.00	43.80 -0.09 0.00
NEG NORTH___ALICE_FALLS 23915	50.67 0.65 0.00	46.36 0.55 0.00	43.49 0.60 0.00	42.22 0.25 0.00	40.86 0.32 0.00	39.58 -0.08 0.00	44.19 0.04 0.00	43.38 0.04 0.00	43.60 -0.04 0.00	44.43 0.35 0.00	50.49 1.42 0.00	50.44 0.79 0.00	50.39 0.74 0.00	47.64 1.39 0.00	49.27 1.71 0.00	54.04 0.75 0.00	54.45 0.32 0.00	66.03 0.26 0.00	56.05 0.33 0.00	53.81 0.32 0.00	52.64 0.47 0.00	48.58 0.77 0.00	49.13 0.77 0.00	44.24 0.35 0.00
NEG NORTH___LWR_SARANAC 23913	50.67 0.65 0.00	46.36 0.55 0.00	43.49 0.60 0.00	42.22 0.25 0.00	40.86 0.32 0.00	39.58 -0.08 0.00	44.19 0.04 0.00	43.38 0.04 0.00	43.60 -0.04 0.00	44.43 0.35 0.00	50.49 1.42 0.00	50.44 0.79 0.00	50.39 0.74 0.00	47.64 1.39 0.00	49.27 1.71 0.00	54.04 0.75 0.00	54.45 0.32 0.00	66.03 0.26 0.00	56.05 0.33 0.00	53.81 0.32 0.00	52.64 0.47 0.00	48.58 0.77 0.00	49.13 0.77 0.00	44.24 0.35 0.00
NEG NORTH___PLATTSBURG 23628	50.02 0.00 0.00	46.36 0.55 0.00	43.49 0.60 0.00	42.22 0.25 0.00	40.85 0.32 0.00	39.58 -0.08 0.00	44.19 0.04 0.00	43.51 0.17 0.00	43.60 -0.04 0.00	44.43 0.35 0.00	50.34 1.27 0.00	50.29 0.64 0.00	50.34 0.69 0.00	47.64 1.39 0.00	49.27 1.71 0.00	54.04 0.75 0.00	54.45 0.33 0.00	66.04 0.26 0.00	56.05 0.34 0.00	53.81 0.32 0.00	52.64 0.47 0.00	48.58 0.76 0.00	49.13 0.77 0.00	44.23 0.35 0.00
NEG WEST_LEA_LOCKPORT 23791	46.82 -3.20 0.00	42.58 -3.25 -0.02	40.15 -3.17 -0.43	39.22 -3.02 -0.28	37.99 -3.00 -0.46	37.52 -2.86 -0.72	42.04 -3.09 -0.99	41.90 -3.03 -1.60	41.31 -3.71 -1.37	41.36 -4.01 -1.29	44.42 -4.86 -0.21	44.94 -5.01 -0.31	44.95 -5.16 -0.47	42.03 -4.90 -0.68	43.37 -4.99 -0.80	48.98 -5.01 -0.70	49.94 -5.25 -1.06	60.31 -6.71 -1.25	51.43 -5.79 -1.51	49.86 -5.03 -1.40	48.54 -4.80 -1.17	45.49 -4.30 -1.97	45.29 -4.06 -1.00	41.90 -2.94 -0.95
NEG WEST___LANCASTR 23811	47.07 -2.95 0.00	42.03 -3.80 -0.03	39.16 -4.25 -0.51	38.18 -4.11 -0.33	37.06 -4.01 -0.54	36.62 -3.89 -0.85	41.08 -4.24 -1.18	41.19 -4.07 -1.93	40.68 -4.63 -1.66	40.71 -4.94 -1.56	43.40 -5.89 -0.21	44.50 -5.46 -0.31	44.86 -5.26 -0.47	42.29 -4.67 -0.71	43.49 -4.90 -0.83	48.03 -5.97 -0.71	49.03 -6.17 -1.07	60.45 -6.58 -1.26	51.11 -6.13 -1.52	48.69 -6.20 -1.41	47.30 -6.05 -1.18	44.68 -5.50 -2.36	44.18 -5.37 -1.19	40.85 -4.17 -1.14
NEG_PENN_ALLEGHNY 23528	49.72 -0.30 0.00	45.31 -0.55 -0.05	43.33 -0.51 -0.95	42.08 -0.50 -0.61	41.06 -0.48 -1.01	40.77 -0.47 -1.58	45.89 -0.44 -2.18	46.47 -0.43 -3.57	46.20 -0.52 -3.08	46.40 -0.57 -2.89	49.16 -0.73 -0.82	50.24 -0.65 -1.24	50.89 -0.65 -1.89	48.53 -0.65 -2.92	50.31 -0.71 -3.46	55.56 -0.75 -3.01	58.07 -0.65 -4.59	70.54 -0.66 -5.42	61.66 -0.61 -6.56	58.92 -0.64 -6.07	56.62 -0.62 -5.06	51.58 -0.62 -4.38	49.89 -0.68 -2.21	45.55 -0.44 -2.11
NEG___GEN_MONROE 24207	48.27 -1.75 0.00	44.18 -1.65 -0.02	41.69 -1.54 -0.34	40.76 -1.43 -0.22	39.48 -1.42 -0.36	38.92 -1.31 -0.57	43.56 -1.37 -0.79	43.22 -1.34 -1.23	43.05 -1.66 -1.06	43.27 -1.81 -1.00	47.08 -2.21 -0.22	47.60 -2.38 -0.33	47.62 -2.53 -0.50	44.44 -2.50 -0.68	45.79 -2.57 -0.80	51.64 -2.40 -0.75	52.94 -2.33 -1.14	64.02 -3.09 -1.34	54.50 -2.84 -1.62	52.80 -2.19 -1.50	51.34 -2.09 -1.26	47.49 -1.91 -1.58	47.37 -1.79 -0.80	43.46 -1.18 -0.76
NEPA___ENERGY 23901	47.47 -2.55 0.00	43.09 -2.75 -0.03	40.49 -2.92 -0.52	39.49 -2.81 -0.33	38.32 -2.76 -0.55	37.86 -2.66 -0.86	42.41 -2.91 -1.18	42.50 -2.77 -1.94	42.00 -3.32 -1.67	41.99 -3.66 -1.57	44.72 -4.56 -0.22	45.40 -4.57 -0.32	45.56 -4.57 -0.47	42.67 -4.30 -0.72	43.93 -4.47 -0.85	49.21 -4.80 -0.72	50.29 -4.93 -1.08	61.59 -5.46 -1.28	52.18 -5.07 -1.54	50.26 -4.65 -1.43	48.88 -4.49 -1.19	46.12 -4.06 -2.37	45.64 -3.92 -1.20	42.22 -2.81 -1.14

NEVERSINK___HYD 23608	53.12 3.10 0.00	48.60 2.66 -0.14	47.96 2.49 -2.59	46.01 2.39 -1.66	45.50 2.23 -2.74	46.21 2.26 -4.29	52.71 2.65 -5.92	55.55 2.60 -9.62	54.55 2.62 -8.28	54.56 2.69 -7.79	54.58 2.84 -2.66	56.72 3.03 -4.04	58.84 3.03 -6.16	58.65 2.82 -9.57	61.75 2.85 -11.34	66.35 3.20 -9.86	72.64 3.47 -15.05	88.08 4.53 -17.78	81.02 3.79 -21.51	76.98 3.58 -19.90	72.17 3.39 -16.60	62.85 3.16 -11.88	57.45 3.10 -5.99	52.28 2.68 -5.72
NEWKRMKL_115KV_TB1 55635	51.37 1.35 0.00	47.37 1.37 -0.19	47.61 1.20 -3.52	45.44 1.22 -2.25	45.43 1.18 -3.73	46.65 1.15 -5.84	53.39 1.19 -8.05	57.55 1.13 -13.09	56.14 1.22 -11.27	55.92 1.23 -10.60	54.16 1.47 -3.62	56.54 1.39 -5.50	59.42 1.39 -8.38	60.57 1.30 -13.02	64.37 1.38 -15.43	68.25 1.55 -13.41	76.12 1.52 -20.48	91.73 1.78 -24.19	86.43 1.45 -29.27	82.01 1.44 -27.08	76.17 1.41 -22.59	65.22 1.24 -16.16	57.82 1.31 -8.15	52.80 1.14 -7.78
NEWTON___FALLS_HYD 23847	50.17 0.15 0.00	45.90 0.09 0.00	43.10 0.13 -0.09	41.90 -0.13 -0.05	40.54 -0.08 -0.09	39.24 -0.56 -0.14	43.33 -1.02 -0.20	42.48 -1.17 -0.32	42.65 -1.27 -0.27	43.28 -1.06 -0.26	48.81 -0.34 -0.09	49.09 -0.70 -0.13	49.16 -0.70 -0.20	46.34 -0.23 -0.32	47.93 0.00 -0.37	52.98 -0.64 -0.33	53.44 -1.19 -0.50	64.91 -1.45 -0.59	55.31 -1.11 -0.71	53.02 -1.12 -0.66	52.20 -0.52 -0.55	47.97 -0.24 -0.39	48.41 -0.15 -0.20	43.68 -0.39 -0.19
NGRID_A1_DSASP 323792	45.57 -4.45 0.00	42.49 -3.34 -0.02	40.15 -3.17 -0.44	39.23 -3.02 -0.28	38.04 -2.96 -0.46	37.53 -2.86 -0.73	42.06 -3.09 -1.00	41.42 -3.55 -1.64	40.78 -4.23 -1.37	40.87 -4.50 -1.28	43.82 -5.45 -0.19	44.25 -5.71 -0.31	44.26 -5.86 -0.47	41.39 -5.55 -0.69	42.66 -5.71 -0.81	48.23 -5.76 -0.69	49.13 -6.06 -1.07	59.20 -7.83 -1.26	50.55 -6.69 -1.52	49.05 -5.83 -1.40	47.76 -5.58 -1.16	44.91 -4.88 -1.96	44.65 -4.69 -0.98	41.74 -3.12 -0.97
NGRID_A2_DSASP 323793	45.57 -4.45 0.00	42.49 -3.34 -0.02	40.15 -3.17 -0.44	39.23 -3.02 -0.28	38.04 -2.96 -0.46	37.53 -2.86 -0.73	42.06 -3.09 -1.00	41.42 -3.55 -1.64	40.78 -4.23 -1.37	40.87 -4.50 -1.28	43.82 -5.45 -0.19	44.25 -5.71 -0.31	44.26 -5.86 -0.47	41.39 -5.55 -0.69	42.66 -5.71 -0.81	48.23 -5.76 -0.69	49.13 -6.06 -1.07	59.20 -7.83 -1.26	50.55 -6.69 -1.52	49.05 -5.83 -1.40	47.76 -5.58 -1.16	44.91 -4.88 -1.96	44.65 -4.69 -0.98	41.74 -3.12 -0.97
NGRID_A4_DSASP 323807	45.57 -4.45 0.00	42.49 -3.34 -0.02	40.15 -3.17 -0.44	39.23 -3.02 -0.28	38.04 -2.96 -0.46	37.53 -2.86 -0.73	42.06 -3.09 -1.00	41.42 -3.55 -1.64	40.78 -4.23 -1.37	40.87 -4.50 -1.28	43.82 -5.45 -0.19	44.25 -5.71 -0.31	44.26 -5.86 -0.47	41.39 -5.55 -0.69	42.66 -5.71 -0.81	48.23 -5.76 -0.69	49.13 -6.06 -1.07	59.20 -7.83 -1.26	50.55 -6.69 -1.52	49.05 -5.83 -1.40	47.76 -5.58 -1.16	44.91 -4.88 -1.96	44.65 -4.69 -0.98	41.74 -3.12 -0.97
NIAGARA_115E_LBMP 323715	46.42 -3.60 0.00	41.89 -3.94 -0.02	39.55 -3.77 -0.44	38.64 -3.61 -0.28	37.47 -3.53 -0.47	36.98 -3.41 -0.73	41.49 -3.66 -1.01	41.29 -3.68 -1.64	40.73 -4.32 -1.41	40.78 -4.63 -1.32	43.88 -5.40 -0.21	44.35 -5.61 -0.31	44.36 -5.76 -0.47	41.38 -5.55 -0.68	42.70 -5.66 -0.80	48.29 -5.70 -0.70	49.18 -6.01 -1.06	59.20 -7.83 -1.25	50.65 -6.57 -1.51	49.11 -5.78 -1.40	47.82 -5.53 -1.17	44.82 -5.02 -2.02	44.69 -4.69 -1.02	41.34 -3.51 -0.97
NIAGARA_115W_LBMP 323714	45.52 -4.50 0.00	42.44 -3.39 -0.02	40.11 -3.22 -0.44	39.19 -3.06 -0.28	38.00 -3.00 -0.46	37.49 -2.89 -0.73	42.01 -3.13 -1.00	41.28 -3.68 -1.63	40.69 -4.32 -1.36	40.78 -4.59 -1.28	43.77 -5.49 -0.19	44.20 -5.76 -0.31	44.21 -5.91 -0.47	41.25 -5.69 -0.68	42.56 -5.80 -0.81	48.12 -5.86 -0.69	49.02 -6.17 -1.07	58.94 -8.09 -1.26	50.43 -6.80 -1.52	48.95 -5.94 -1.40	47.65 -5.69 -1.16	44.76 -5.02 -1.96	44.55 -4.79 -0.98	41.65 -3.20 -0.97
NIAGARA_230_LBMP 323716	46.32 -3.70 0.00	42.44 -3.39 -0.02	40.06 -3.26 -0.43	39.18 -3.06 -0.28	37.99 -3.00 -0.46	37.48 -2.89 -0.71	42.00 -3.13 -0.99	41.78 -3.16 -1.60	41.32 -3.71 -1.38	41.37 -4.01 -1.30	44.48 -4.81 -0.21	44.95 -5.01 -0.31	44.95 -5.16 -0.47	41.95 -5.00 -0.69	43.28 -5.09 -0.81	48.94 -5.06 -0.71	49.84 -5.36 -1.07	60.00 -7.04 -1.26	51.34 -5.91 -1.53	49.77 -5.14 -1.42	48.45 -4.91 -1.18	45.45 -4.35 -1.98	45.25 -4.11 -1.00	41.90 -2.94 -0.95
NIAGARA___115KV_198_GIBSON 55903	45.47 -4.55 0.00	42.44 -3.39 -0.02	40.11 -3.22 -0.44	39.18 -3.06 -0.28	38.00 -3.00 -0.46	37.49 -2.89 -0.73	42.01 -3.13 -1.00	41.33 -3.64 -1.63	40.69 -4.32 -1.36	40.78 -4.58 -1.28	43.72 -5.54 -0.19	44.15 -5.81 -0.31	44.16 -5.96 -0.47	41.30 -5.64 -0.69	42.57 -5.80 -0.81	48.12 -5.86 -0.69	49.02 -6.17 -1.07	59.07 -7.96 -1.26	50.44 -6.80 -1.52	48.95 -5.94 -1.40	47.65 -5.69 -1.16	44.81 -4.97 -1.96	44.60 -4.74 -0.98	41.69 -3.16 -0.97
NIAGARA____ 23760	46.32 -3.70 0.00	42.44 -3.39 -0.02	40.07 -3.26 -0.44	39.19 -3.06 -0.28	38.00 -3.00 -0.47	37.49 -2.89 -0.73	42.02 -3.13 -1.01	41.81 -3.16 -1.63	41.32 -3.71 -1.39	41.37 -4.01 -1.30	44.47 -4.81 -0.20	44.95 -5.01 -0.31	44.95 -5.16 -0.47	41.94 -5.00 -0.68	43.28 -5.09 -0.81	48.93 -5.06 -0.70	49.84 -5.36 -1.07	59.99 -7.04 -1.26	51.33 -5.91 -1.52	49.76 -5.14 -1.41	48.44 -4.91 -1.17	45.46 -4.35 -1.99	45.25 -4.11 -1.00	41.92 -2.94 -0.97
NINE_MILE_1 23575	48.02 -2.00 0.00	43.99 -1.83 -0.01	41.37 -1.72 -0.19	40.45 -1.64 -0.12	39.16 -1.58 -0.21	38.43 -1.55 -0.32	42.87 -1.72 -0.45	42.36 -1.69 -0.72	42.56 -1.70 -0.62	42.90 -1.76 -0.58	47.31 -1.96 -0.20	47.97 -1.99 -0.30	48.12 -1.99 -0.46	45.08 -1.90 -0.72	46.46 -1.95 -0.85	51.90 -2.13 -0.74	53.15 -2.11 -1.13	64.54 -2.57 -1.34	55.16 -2.17 -1.62	52.90 -2.09 -1.50	51.39 -2.04 -1.25	46.85 -1.87 -0.89	46.88 -1.94 -0.45	42.60 -1.71 -0.43
NINE_MILE_2 23744	48.02 -2.00 0.00	43.98 -1.83 -0.01	41.36 -1.72 -0.19	40.45 -1.64 -0.12	39.15 -1.58 -0.20	38.47 -1.51 -0.32	42.86 -1.72 -0.44	42.36 -1.69 -0.71	42.56 -1.70 -0.61	42.90 -1.76 -0.58	47.30 -1.96 -0.20	47.96 -1.99 -0.30	48.12 -1.99 -0.46	45.07 -1.90 -0.71	46.45 -1.95 -0.84	51.89 -2.13 -0.73	53.14 -2.11 -1.12	64.53 -2.57 -1.32	55.14 -2.17 -1.60	52.88 -2.09 -1.48	51.37 -2.04 -1.24	46.84 -1.87 -0.88	46.87 -1.94 -0.45	42.60 -1.71 -0.43
NM_CAPITAL___DRP 24208	51.42 1.40 0.00	47.37 1.37 -0.19	47.66 1.24 -3.52	45.48 1.26 -2.26	45.48 1.22 -3.73	46.70 1.19 -5.85	53.45 1.24 -8.07	57.57 1.13 -13.11	56.16 1.22 -11.29	55.98 1.28 -10.62	54.17 1.47 -3.63	56.55 1.39 -5.51	59.44 1.39 -8.40	60.59 1.30 -13.05	64.39 1.38 -15.46	68.27 1.55 -13.44	76.21 1.57 -20.51	91.78 1.78 -24.23	86.49 1.45 -29.32	82.06 1.44 -27.13	76.26 1.46 -22.63	65.30 1.29 -16.19	57.84 1.31 -8.17	52.86 1.18 -7.79
NM_CENTRAL___DRP 24181	48.87 -1.15 0.00	44.77 -1.05 -0.01	42.13 -1.03 -0.27	41.17 -0.97 -0.17	39.88 -0.93 -0.28	39.23 -0.87 -0.44	43.83 -0.93 -0.61	43.38 -0.95 -1.00	43.54 -0.96 -0.86	43.87 -1.01 -0.81	48.22 -1.13 -0.28	48.98 -1.09 -0.42	49.24 -1.04 -0.64	46.18 -1.06 -0.99	47.64 -1.09 -1.17	53.19 -1.12 -1.02	54.61 -1.08 -1.56	66.30 -1.32 -1.84	56.83 -1.11 -2.23	54.48 -1.07 -2.06	52.85 -1.04 -1.72	48.05 -1.00 -1.23	47.92 -1.06 -0.62	43.56 -0.92 -0.59

NM_FRONTIER___DRP 24179	45.47 -4.55 0.00	42.44 -3.39 -0.02	40.11 -3.22 -0.44	39.18 -3.06 -0.28	38.00 -3.00 -0.46	37.49 -2.89 -0.73	42.01 -3.13 -1.00	41.33 -3.64 -1.63	40.69 -4.32 -1.36	40.78 -4.58 -1.28	43.72 -5.54 -0.19	44.15 -5.81 -0.31	44.16 -5.96 -0.47	41.30 -5.64 -0.69	42.57 -5.80 -0.81	48.12 -5.86 -0.69	49.02 -6.17 -1.07	59.07 -7.96 -1.26	50.44 -6.80 -1.52	48.95 -5.94 -1.40	47.65 -5.69 -1.16	44.81 -4.97 -1.96	44.60 -4.74 -0.98	41.69 -3.16 -0.97
NM_ST_REGIS___HYD 24053	50.52 0.50 0.00	46.22 0.41 0.00	43.41 0.47 -0.05	42.13 0.13 -0.03	40.75 0.16 -0.05	39.38 -0.36 -0.08	43.69 -0.57 -0.12	42.87 -0.65 -0.19	43.07 -0.74 -0.16	43.84 -0.40 -0.15	49.76 0.64 -0.05	49.73 0.00 -0.08	49.77 0.00 -0.12	47.14 0.69 -0.19	48.78 1.00 -0.22	53.43 -0.05 -0.20	53.78 -0.65 -0.30	65.07 -1.05 -0.35	55.42 -0.72 -0.43	53.13 -0.75 -0.39	52.24 -0.26 -0.33	48.25 0.19 -0.24	48.91 0.44 -0.12	44.13 0.13 -0.11
NORTHPORT___1 23551	54.08 3.80 -0.26	49.69 3.39 -0.49	49.21 3.13 -3.19	47.24 3.02 -2.25	46.90 2.92 -3.45	47.76 2.98 -5.12	54.28 3.40 -6.74	57.34 3.42 -10.58	56.25 3.45 -9.16	56.10 3.48 -8.54	55.81 3.73 -3.01	57.97 3.88 -4.44	60.14 3.73 -6.77	60.24 3.47 -10.51	63.18 3.19 -12.43	67.51 3.25 -10.97	75.99 3.30 -18.56	90.82 4.21 -20.84	84.00 3.57 -24.72	80.11 3.21 -23.42	74.66 3.13 -19.35	65.20 3.11 -14.27	59.02 3.63 -7.03	53.81 3.25 -6.68
NORTHPORT___2 23552	54.08 3.80 -0.26	49.69 3.39 -0.49	49.21 3.13 -3.19	47.24 3.02 -2.25	46.90 2.92 -3.45	47.76 2.98 -5.12	54.28 3.40 -6.74	57.34 3.42 -10.58	56.25 3.45 -9.16	56.10 3.48 -8.54	55.81 3.73 -3.01	57.97 3.88 -4.44	60.14 3.73 -6.77	60.24 3.47 -10.51	63.18 3.19 -12.43	67.51 3.25 -10.97	75.99 3.30 -18.56	90.82 4.21 -20.84	84.00 3.57 -24.72	80.11 3.21 -23.42	74.66 3.13 -19.35	65.20 3.11 -14.27	59.02 3.63 -7.03	53.81 3.25 -6.68
NORTHPORT___3 23553	53.99 3.70 -0.27	49.56 3.25 -0.50	49.09 3.00 -3.20	47.13 2.89 -2.27	46.79 2.79 -3.47	47.69 2.89 -5.14	54.16 3.27 -6.75	57.21 3.29 -10.58	56.17 3.36 -9.16	56.01 3.39 -8.54	55.66 3.58 -3.01	57.86 3.77 -4.44	59.99 3.58 -6.77	60.10 3.33 -10.51	63.04 3.05 -12.43	67.35 3.09 -10.97	75.90 3.14 -18.63	90.67 4.01 -20.89	83.87 3.40 -24.76	80.06 3.10 -23.47	74.54 2.97 -19.40	65.10 2.97 -14.32	58.89 3.48 -7.04	53.69 3.12 -6.69
NORTHPORT___4 23650	53.99 3.70 -0.27	49.56 3.25 -0.50	49.09 3.00 -3.20	47.13 2.89 -2.27	46.79 2.79 -3.47	47.69 2.89 -5.14	54.16 3.27 -6.75	57.21 3.29 -10.58	56.17 3.36 -9.16	56.01 3.39 -8.54	55.66 3.58 -3.01	57.86 3.77 -4.44	59.99 3.58 -6.77	60.10 3.33 -10.51	63.04 3.05 -12.43	67.35 3.09 -10.97	75.90 3.14 -18.63	90.67 4.01 -20.89	83.87 3.40 -24.76	80.06 3.10 -23.47	74.54 2.97 -19.40	65.10 2.97 -14.32	58.89 3.48 -7.04	53.69 3.12 -6.69
NORTHPORT___IC 23718	54.03 3.75 -0.26	49.69 3.39 -0.49	49.21 3.13 -3.19	47.24 3.02 -2.25	46.90 2.92 -3.45	47.75 2.97 -5.12	54.28 3.40 -6.74	57.34 3.42 -10.58	56.25 3.45 -9.16	56.10 3.48 -8.54	55.81 3.73 -3.01	57.96 3.87 -4.44	60.09 3.67 -6.77	60.24 3.47 -10.52	63.18 3.19 -12.44	67.46 3.20 -10.97	75.99 3.30 -18.56	90.82 4.21 -20.84	83.94 3.51 -24.72	80.11 3.21 -23.42	74.66 3.13 -19.35	65.20 3.11 -14.27	59.02 3.63 -7.03	53.81 3.25 -6.68
NORTH___COUNTRY_ESR 323785	49.47 -0.55 0.00	45.90 0.09 0.00	43.06 0.17 0.00	41.80 -0.17 0.00	40.45 -0.08 0.00	39.18 -0.47 0.00	43.70 -0.44 0.00	42.99 -0.35 0.00	43.16 -0.48 0.00	43.95 -0.13 0.00	49.76 0.69 0.00	49.75 0.10 0.00	49.80 0.15 0.00	47.09 0.83 0.00	48.65 1.09 0.00	53.40 0.11 0.00	53.81 -0.32 0.00	65.18 -0.59 0.00	55.33 -0.39 0.00	53.06 -0.43 0.00	51.91 -0.26 0.00	47.92 0.10 0.00	48.51 0.15 0.00	43.71 -0.17 0.00
NPX_GEN_1385_PROXY 323591	54.23 3.95 -0.26	49.83 3.53 -0.49	49.34 3.26 -3.19	47.37 3.15 -2.25	47.15 3.16 -3.45	55.66 3.33 -12.67	64.21 3.75 -16.32	62.15 3.81 -15.00	65.35 3.84 -17.86	56.50 3.88 -8.54	55.81 3.73 -3.01	57.91 3.82 -4.44	60.14 3.73 -6.77	60.14 3.37 -10.51	63.51 3.52 -12.43	70.86 3.67 -13.89	91.13 3.73 -33.27	95.08 4.74 -24.57	92.00 4.01 -32.27	84.21 3.69 -27.03	78.19 3.55 -22.47	71.00 3.49 -19.69	59.21 3.82 -7.03	53.86 3.29 -6.68
NPX_GEN_CSC 323557	54.82 4.50 -0.30	50.34 3.98 -0.54	49.87 3.73 -3.25	47.94 3.65 -2.32	47.58 3.52 -3.53	48.49 3.65 -5.19	55.07 4.15 -6.78	58.08 4.16 -10.58	57.00 4.19 -9.17	56.67 4.05 -8.54	56.46 4.37 -3.02	58.66 4.56 -4.44	60.83 4.42 -6.77	60.88 4.12 -10.51	64.03 4.04 -12.43	68.23 3.94 -11.00	77.47 4.44 -18.90	92.29 5.46 -21.06	85.24 4.62 -24.91	81.02 3.85 -23.68	75.27 3.55 -19.55	65.79 3.49 -14.48	59.38 3.92 -7.10	54.10 3.47 -6.75
NSINS_S_GLNS_FALLS 23858	53.57 3.55 0.00	49.44 3.44 -0.20	49.67 3.13 -3.65	47.37 3.06 -2.34	47.44 3.04 -3.87	48.77 3.05 -6.06	55.90 3.40 -8.35	60.42 3.51 -13.58	59.05 3.71 -11.69	58.78 3.70 -11.00	57.10 4.27 -3.76	59.47 4.12 -5.70	62.27 3.92 -8.69	63.23 3.47 -13.51	67.37 3.80 -16.01	71.58 4.37 -13.91	79.81 4.44 -21.24	96.13 5.26 -25.09	90.37 4.29 -30.37	85.86 4.28 -28.09	79.84 4.23 -23.44	68.31 3.73 -16.76	60.69 3.87 -8.46	55.11 3.16 -8.07
NUCOR_STEEL___DRP 24197	49.42 -0.60 0.00	45.23 -0.60 -0.02	42.65 -0.60 -0.36	41.69 -0.50 -0.23	40.38 -0.53 -0.38	39.77 -0.48 -0.59	44.52 -0.44 -0.82	44.18 -0.48 -1.33	44.26 -0.52 -1.14	44.54 -0.62 -1.07	48.88 -0.69 -0.50	49.76 -0.65 -0.76	50.21 -0.60 -1.16	47.44 -0.65 -1.83	49.06 -0.67 -2.17	54.54 -0.64 -1.89	56.53 -0.49 -2.89	68.66 -0.53 -3.41	59.40 -0.45 -4.13	56.88 -0.43 -3.82	54.89 -0.47 -3.18	48.98 -0.48 -1.64	48.66 -0.53 -0.83	44.24 -0.44 -0.79
NUMBER_THREE_WT_PWR 323818	50.57 0.55 0.00	46.37 0.55 -0.01	43.51 0.52 -0.11	42.46 0.42 -0.07	41.01 0.36 -0.11	39.80 -0.04 -0.18	44.09 -0.31 -0.25	43.22 -0.52 -0.40	43.34 -0.65 -0.35	43.83 -0.57 -0.33	48.79 -0.39 -0.11	49.37 -0.45 -0.17	49.56 -0.35 -0.26	46.52 -0.14 -0.40	48.03 0.00 -0.47	53.49 -0.21 -0.41	54.44 -0.32 -0.63	66.25 -0.26 -0.74	56.34 -0.28 -0.90	54.06 -0.27 -0.83	52.92 0.05 -0.69	48.32 0.00 -0.50	48.56 -0.05 -0.25	43.77 -0.35 -0.24
NYISO_LBMP_REFERENCE 24008	50.02 0.00 0.00	45.81 0.00 0.00	42.89 0.00 0.00	41.97 0.00 0.00	40.53 0.00 0.00	39.66 0.00 0.00	44.14 0.00 0.00	43.33 0.00 0.00	43.64 0.00 0.00	44.08 0.00 0.00	49.07 0.00 0.00	49.65 0.00 0.00	49.65 0.00 0.00	46.25 0.00 0.00	47.56 0.00 0.00	53.29 0.00 0.00	54.13 0.00 0.00	65.77 0.00 0.00	55.71 0.00 0.00	53.49 0.00 0.00	52.17 0.00 0.00	47.82 0.00 0.00	48.36 0.00 0.00	43.88 0.00 0.00
NYPA_BRENTWD____GT 24164	54.29 3.85 -0.42	49.90 3.39 -0.70	49.43 3.13 -3.42	47.52 3.02 -2.53	47.15 2.88 -3.74	48.02 2.98 -5.39	54.44 3.40 -6.89	57.35 3.42 -10.59	56.29 3.45 -9.20	56.72 4.10 -8.54	55.81 3.68 -3.06	58.71 4.62 -4.44	60.89 4.47 -6.77	60.39 3.61 -10.52	64.04 4.04 -12.44	67.88 3.52 -11.07	77.75 3.73 -19.89	92.28 4.80 -21.71	85.18 4.01 -25.45	81.63 3.69 -24.45	75.77 3.50 -20.10	66.35 3.44 -15.09	59.45 3.77 -7.32	54.16 3.33 -6.94

NYPA_GOWANUS____GT5 24156	53.88	49.31	48.78	46.68	46.30	47.18	53.72	57.00	55.91	55.97	55.62	58.01	60.29	60.36	63.56	67.94	74.58	90.45	83.59	79.32	74.24	64.67	58.76	53.54
	3.85	3.34	3.05	2.89	2.76	2.82	3.09	3.12	3.18	3.35	3.63	3.92	3.88	3.61	3.57	3.84	3.95	5.19	4.29	4.01	3.86	3.83	3.82	3.38
	-0.01	-0.16	-2.84	-1.82	-3.01	-4.71	-6.49	-10.55	-9.08	-8.54	-2.92	-4.44	-6.77	-10.50	-12.43	-10.81	-16.50	-19.49	-23.59	-21.82	-18.20	-13.03	-6.58	-6.27
NYPA_GOWANUS____GT6 24157	53.88	49.31	48.78	46.68	46.30	47.18	53.72	57.00	55.91	55.97	55.62	58.01	60.29	60.36	63.56	67.94	74.58	90.45	83.59	79.32	74.24	64.67	58.76	53.54
	3.85	3.34	3.05	2.89	2.76	2.82	3.09	3.12	3.18	3.35	3.63	3.92	3.88	3.61	3.57	3.84	3.95	5.19	4.29	4.01	3.86	3.83	3.82	3.38
	-0.01	-0.16	-2.84	-1.82	-3.01	-4.71	-6.49	-10.55	-9.08	-8.54	-2.92	-4.44	-6.77	-10.50	-12.43	-10.81	-16.50	-19.49	-23.59	-21.82	-18.20	-13.03	-6.58	-6.27
NYPA_HARLEM__RVR__GT1 24160	53.22	48.75	48.25	46.17	45.79	46.73	53.32	56.60	55.55	55.66	55.22	57.66	59.89	60.03	63.17	67.34	73.87	89.59	82.91	78.62	73.55	64.18	58.21	52.99
	3.20	2.79	2.53	2.39	2.27	2.38	2.69	2.73	2.84	3.04	3.24	3.58	3.47	3.28	3.19	3.25	3.25	4.34	3.62	3.32	3.18	3.35	3.29	2.85
	0.01	-0.14	-2.83	-1.81	-2.99	-4.70	-6.48	-10.54	-9.07	-8.53	-2.91	-4.43	-6.76	-10.49	-12.42	-10.80	-16.49	-19.48	-23.58	-21.81	-18.19	-13.01	-6.56	-6.26
NYPA_HARLEM__RVR__GT2 24161	53.22	48.75	48.25	46.17	45.79	46.73	53.32	56.60	55.55	55.66	55.22	57.66	59.89	60.03	63.17	67.34	73.87	89.59	82.91	78.62	73.55	64.18	58.21	52.99
	3.20	2.79	2.53	2.39	2.27	2.38	2.69	2.73	2.84	3.04	3.24	3.58	3.47	3.28	3.19	3.25	3.25	4.34	3.62	3.32	3.18	3.35	3.29	2.85
	0.01	-0.14	-2.83	-1.81	-2.99	-4.70	-6.48	-10.54	-9.07	-8.53	-2.91	-4.43	-6.76	-10.49	-12.42	-10.80	-16.49	-19.48	-23.58	-21.81	-18.19	-13.01	-6.56	-6.26
NYPA_KENT____GT 24152	53.67	49.12	48.60	46.56	46.17	47.06	53.64	56.91	55.82	55.89	55.52	57.91	60.14	60.27	63.46	67.77	74.36	90.20	83.42	79.11	74.03	64.53	58.61	53.36
	3.65	3.16	2.87	2.77	2.63	2.70	3.00	3.03	3.10	3.26	3.54	3.82	3.73	3.51	3.47	3.67	3.73	4.94	4.12	3.80	3.65	3.68	3.67	3.20
	0.00	-0.16	-2.84	-1.82	-3.01	-4.71	-6.49	-10.55	-9.08	-8.54	-2.92	-4.44	-6.77	-10.50	-12.43	-10.81	-16.50	-19.49	-23.59	-21.82	-18.20	-13.02	-6.57	-6.27
NYPA_POUCH1____GT 24155	53.98	49.41	48.86	46.81	46.42	47.25	53.81	57.04	55.91	56.02	55.62	58.06	60.29	60.41	63.60	67.99	74.63	90.59	83.70	79.43	74.34	64.77	58.91	53.63
	3.95	3.44	3.13	3.02	2.88	2.89	3.18	3.16	3.18	3.39	3.63	3.97	3.88	3.65	3.61	3.89	4.01	5.33	4.40	4.12	3.96	3.92	3.97	3.47
	-0.01	-0.16	-2.84	-1.82	-3.01	-4.71	-6.49	-10.55	-9.08	-8.54	-2.92	-4.44	-6.77	-10.50	-12.43	-10.81	-16.50	-19.49	-23.59	-21.82	-18.20	-13.03	-6.58	-6.27
NYPA_VERNON____GT2 24162	53.52	48.99	48.47	46.39	46.05	46.94	53.55	56.83	55.78	55.80	55.42	57.81	60.04	60.13	63.31	67.61	74.25	90.06	83.26	79.00	73.93	64.33	58.46	53.22
	3.50	3.02	2.75	2.60	2.51	2.58	2.91	2.95	3.05	3.18	3.43	3.73	3.62	3.37	3.33	3.52	3.63	4.80	3.96	3.69	3.55	3.49	3.53	3.07
	0.00	-0.15	-2.84	-1.82	-3.00	-4.71	-6.49	-10.55	-9.08	-8.54	-2.92	-4.44	-6.77	-10.50	-12.43	-10.81	-16.50	-19.49	-23.59	-21.82	-18.20	-13.02	-6.57	-6.27
NYPA_VERNON____GT3 24163	53.52	48.99	48.47	46.39	46.05	46.94	53.55	56.83	55.78	55.80	55.42	57.81	60.04	60.13	63.31	67.61	74.25	90.06	83.26	79.00	73.93	64.33	58.46	53.22
	3.50	3.02	2.75	2.60	2.51	2.58	2.91	2.95	3.05	3.18	3.43	3.73	3.62	3.37	3.33	3.52	3.63	4.80	3.96	3.69	3.55	3.49	3.53	3.07
	0.00	-0.15	-2.84	-1.82	-3.00	-4.71	-6.49	-10.55	-9.08	-8.54	-2.92	-4.44	-6.77	-10.50	-12.43	-10.81	-16.50	-19.49	-23.59	-21.82	-18.20	-13.02	-6.57	-6.27
NYPA____ASTORIA_CC1 323568	53.47	48.94	48.47	46.39	46.01	46.94	53.50	56.83	55.73	55.80	55.42	57.76	60.00	60.13	63.27	67.56	74.20	90.00	83.20	78.95	73.87	64.33	58.42	53.22
	3.45	2.98	2.75	2.60	2.47	2.58	2.87	2.95	3.01	3.18	3.43	3.67	3.58	3.37	3.28	3.46	3.57	4.74	3.90	3.64	3.50	3.49	3.48	3.07
	0.00	-0.15	-2.83	-1.82	-3.00	-4.71	-6.49	-10.55	-9.08	-8.54	-2.92	-4.44	-6.77	-10.50	-12.43	-10.81	-16.50	-19.49	-23.59	-21.82	-18.20	-13.02	-6.57	-6.27
NYPA____ASTORIA_CC2 323569	53.47	48.94	48.47	46.39	46.01	46.94	53.50	56.83	55.73	55.80	55.42	57.76	60.00	60.13	63.27	67.56	74.20	90.00	83.20	78.95	73.87	64.33	58.42	53.22
	3.45	2.98	2.75	2.60	2.47	2.58	2.87	2.95	3.01	3.18	3.43	3.67	3.58	3.37	3.28	3.46	3.57	4.74	3.90	3.64	3.50	3.49	3.48	3.07
	0.00	-0.15	-2.83	-1.82	-3.00	-4.71	-6.49	-10.55	-9.08	-8.54	-2.92	-4.44	-6.77	-10.50	-12.43	-10.81	-16.50	-19.49	-23.59	-21.82	-18.20	-13.02	-6.57	-6.27
NYPA____HOLTSVILL 23794	54.31	49.92	49.43	47.47	47.12	48.01	54.54	57.56	56.48	56.28	56.02	58.21	60.39	60.47	63.56	67.85	76.65	91.39	84.49	80.65	75.03	65.61	59.22	53.95
	4.00	3.58	3.30	3.19	3.08	3.17	3.62	3.64	3.67	3.66	3.93	4.12	3.97	3.70	3.57	3.57	3.68	4.60	3.90	3.53	3.34	3.35	3.77	3.33
	-0.29	-0.53	-3.24	-2.31	-3.51	-5.18	-6.77	-10.58	-9.17	-8.54	-3.02	-4.44	-6.77	-10.51	-12.43	-10.99	-18.84	-21.02	-24.87	-23.63	-19.51	-14.44	-7.09	-6.73
NYPA____HELLGATE_GT1 24158	53.22	48.75	48.25	46.17	45.79	46.73	53.32	56.60	55.55	55.66	55.22	57.66	59.89	60.03	63.17	67.34	73.87	89.59	82.91	78.62	73.55	64.18	58.21	52.99
	3.20	2.79	2.53	2.39	2.27	2.38	2.69	2.73	2.84	3.04	3.24	3.58	3.47	3.28	3.19	3.25	3.25	4.34	3.62	3.32	3.18	3.35	3.29	2.85
	0.01	-0.14	-2.83	-1.81	-2.99	-4.70	-6.48	-10.54	-9.07	-8.53	-2.91	-4.43	-6.76	-10.49	-12.42	-10.80	-16.49	-19.48	-23.58	-21.81	-18.19	-13.01	-6.56	-6.26
NYPA____HELLGATE_GT2 24159	53.22	48.75	48.25	46.17	45.79	46.73	53.32	56.60	55.55	55.66	55.22	57.66	59.89	60.03	63.17	67.34	73.87	89.59	82.91	78.62	73.55	64.18	58.21	52.99
	3.20	2.79	2.53	2.39	2.27	2.38	2.69	2.73	2.84	3.04	3.24	3.58	3.47	3.28	3.19	3.25	3.25	4.34	3.62	3.32	3.18	3.35	3.29	2.85
	0.01	-0.14	-2.83	-1.81	-2.99	-4.70	-6.48	-10.54	-9.07	-8.53	-2.91	-4.43	-6.76	-10.49	-12.42	-10.80	-16.49	-19.48	-23.58	-21.81	-18.19	-13.01	-6.56	-6.26
NYS_BARGE____HYD 23848	46.92	42.49	40.10	39.22	37.98	37.47	42.03	41.80	41.29	41.31	44.52	45.00	45.01	42.03	43.37	48.98	49.95	60.26	51.50	49.93	48.60	45.42	45.28	41.89
	-3.10	-3.34	-3.22	-3.02	-3.00	-2.89	-3.09	-3.12	-3.71	-4.05	-4.76	-4.96	-5.11	-4.90	-4.99	-5.01	-5.25	-6.77	-5.74	-4.97	-4.75	-4.35	-4.06	-2.94
	0.00	-0.02	-0.43	-0.27	-0.45	-0.71	-0.98	-1.58	-1.36	-1.28	-0.21	-0.31	-0.47	-0.68	-0.81	-0.70	-1.07	-1.26	-1.52	-1.41	-1.18	-1.96	-0.99	-0.94
OAK ORCHARD____HYD 24046	48.12	44.18	41.64	40.72	39.43	38.87	43.55	43.16	43.12	43.39	47.33	47.85	47.87	44.76	46.18	51.96	53.27	64.42	54.89	53.18	51.66	47.71	47.51	43.45
	-1.90	-1.65	-1.59	-1.47	-1.46	-1.35	-1.37	-1.39	-1.57	-1.68	-1.96	-2.13	-2.28	-2.22	-2.23	-2.08	-2.00	-2.70	-2.45	-1.82	-1.77	-1.68	-1.64	-1.18
	0.00	-0.02	-0.34	-0.22	-0.36	-0.57	-0.78	-1.22	-1.05	-0.99	-0.22	-0.33	-0.51	-0.73	-0.86	-0.75	-1.14	-1.35	-1.63	-1.51	-1.26	-1.56	-0.79	-0.75

OAKDALE___35_KV_LOAD 356122	49.52 -0.50 0.00	45.26 -0.60 -0.05	43.19 -0.64 -0.95	41.94 -0.63 -0.61	40.93 -0.61 -1.00	40.67 -0.56 -1.57	45.74 -0.57 -2.17	46.32 -0.56 -3.55	46.04 -0.65 -3.05	46.21 -0.75 -2.87	48.94 -0.93 -0.80	49.96 -0.89 -1.20	50.63 -0.84 -1.83	48.25 -0.83 -2.83	50.01 -0.90 -3.35	55.22 -0.96 -2.89	57.61 -0.92 -4.40	69.99 -0.99 -5.20	61.11 -0.89 -6.29	58.46 -0.86 -5.82	56.20 -0.83 -4.86	51.36 -0.81 -4.35	49.73 -0.82 -2.19	45.41 -0.57 -2.09
OCC_CHEM___DRP 24175	45.57 -4.45 0.00	42.49 -3.34 -0.02	40.15 -3.17 -0.44	39.23 -3.02 -0.28	38.04 -2.96 -0.46	37.53 -2.86 -0.73	42.06 -3.09 -1.00	41.42 -3.55 -1.64	40.78 -4.23 -1.37	40.87 -4.50 -1.28	43.82 -5.45 -0.19	44.25 -5.71 -0.31	44.26 -5.86 -0.47	41.39 -5.55 -0.69	42.66 -5.71 -0.81	48.23 -5.76 -0.69	49.13 -6.06 -1.07	59.20 -7.83 -1.26	50.55 -6.69 -1.52	49.05 -5.83 -1.40	47.76 -5.58 -1.16	44.91 -4.88 -1.96	44.65 -4.69 -0.98	41.74 -3.12 -0.97
OH_GEN_PROXY 24063	46.32 -3.70 0.00	42.44 -3.39 -0.02	40.06 -3.26 -0.43	39.18 -3.06 -0.28	37.99 -3.00 -0.46	37.48 -2.89 -0.72	42.00 -3.13 -0.99	41.82 -3.12 -1.61	41.36 -3.67 -1.39	41.46 -3.92 -1.30	44.57 -4.71 -0.22	45.05 -4.92 -0.32	45.06 -5.06 -0.48	42.05 -4.90 -0.70	43.39 -4.99 -0.83	49.00 -5.01 -0.72	49.97 -5.25 -1.09	60.22 -6.84 -1.29	51.47 -5.80 -1.56	49.90 -5.03 -1.44	48.58 -4.80 -1.21	45.55 -4.26 -1.99	45.30 -4.06 -1.00	41.90 -2.94 -0.96
OLIN_CORP_DRP 24177	46.42 -3.60 0.00	42.03 -3.80 -0.02	39.64 -3.69 -0.44	38.77 -3.48 -0.28	37.56 -3.45 -0.47	37.10 -3.29 -0.74	41.58 -3.58 -1.01	41.48 -3.51 -1.65	40.83 -4.23 -1.42	40.92 -4.50 -1.34	43.93 -5.35 -0.21	44.40 -5.56 -0.31	44.45 -5.66 -0.46	41.53 -5.41 -0.68	42.85 -5.52 -0.81	48.40 -5.60 -0.70	49.29 -5.90 -1.06	59.53 -7.50 -1.25	50.76 -6.46 -1.51	49.22 -5.67 -1.40	47.92 -5.43 -1.17	44.98 -4.88 -2.03	44.79 -4.59 -1.03	41.44 -3.42 -0.98
OLIN_CORP_DSASP 323712	45.57 -4.45 0.00	42.49 -3.34 -0.02	40.15 -3.17 -0.44	39.23 -3.02 -0.28	38.04 -2.96 -0.46	37.53 -2.86 -0.73	42.06 -3.09 -1.00	41.42 -3.55 -1.64	40.78 -4.23 -1.37	40.87 -4.50 -1.28	43.82 -5.45 -0.19	44.25 -5.71 -0.31	44.26 -5.86 -0.47	41.39 -5.55 -0.69	42.66 -5.71 -0.81	48.23 -5.76 -0.69	49.13 -6.06 -1.07	59.20 -7.83 -1.26	50.55 -6.69 -1.52	49.05 -5.83 -1.40	47.76 -5.58 -1.16	44.91 -4.88 -1.96	44.65 -4.69 -0.98	41.74 -3.12 -0.97
ONEIDA_HERK_LFGE 323681	50.87 0.85 0.00	46.64 0.83 0.00	43.71 0.73 -0.09	42.70 0.67 -0.06	41.28 0.65 -0.10	40.29 0.48 -0.15	44.80 0.44 -0.21	43.94 0.26 -0.34	44.20 0.26 -0.29	44.75 0.40 -0.28	49.66 0.49 -0.09	50.29 0.50 -0.14	50.47 0.60 -0.22	47.20 0.60 -0.34	48.68 0.71 -0.40	54.33 0.69 -0.35	55.37 0.70 -0.54	67.39 0.99 -0.63	57.26 0.78 -0.77	54.89 0.69 -0.71	53.55 0.78 -0.59	48.91 0.67 -0.42	49.20 0.63 -0.21	44.48 0.39 -0.20
ONEIDA___115KV_TB4 55905	50.97 0.95 0.00	46.64 0.82 -0.01	43.83 0.77 -0.17	42.83 0.76 -0.11	41.40 0.69 -0.18	40.62 0.67 -0.29	45.29 0.75 -0.40	44.59 0.61 -0.65	44.81 0.61 -0.56	45.27 0.66 -0.52	49.94 0.69 -0.18	50.67 0.74 -0.27	50.91 0.84 -0.41	47.68 0.79 -0.64	49.22 0.90 -0.76	54.97 1.01 -0.66	56.28 1.14 -1.01	68.48 1.51 -1.20	58.39 1.23 -1.45	55.95 1.12 -1.34	54.39 1.10 -1.12	49.53 0.91 -0.80	49.63 0.87 -0.40	44.97 0.70 -0.38
ONONDAGA_REF_OCCRA 23987	49.12 -0.90 0.00	44.96 -0.87 -0.02	42.41 -0.81 -0.33	41.38 -0.80 -0.21	40.11 -0.77 -0.35	39.50 -0.71 -0.55	44.16 -0.75 -0.76	43.84 -0.74 -1.24	43.93 -0.79 -1.07	44.25 -0.84 -1.01	48.57 -0.93 -0.43	49.41 -0.89 -0.65	49.80 -0.84 -1.00	46.99 -0.83 -1.57	48.52 -0.90 -1.86	54.00 -0.91 -1.62	55.79 -0.81 -2.47	67.77 -0.92 -2.92	58.47 -0.78 -3.54	56.01 -0.75 -3.27	54.12 -0.78 -2.73	48.59 -0.77 -1.53	48.31 -0.82 -0.77	43.88 -0.75 -0.74
ONONDAGA___COGEN 23986	49.17 -0.85 0.00	45.00 -0.82 -0.02	42.38 -0.81 -0.30	41.41 -0.76 -0.19	40.12 -0.73 -0.32	39.48 -0.67 -0.50	44.13 -0.71 -0.69	43.76 -0.69 -1.12	43.87 -0.74 -0.96	44.19 -0.79 -0.91	48.59 -0.83 -0.36	49.40 -0.79 -0.55	49.74 -0.74 -0.83	46.77 -0.79 -1.30	48.29 -0.81 -1.54	53.78 -0.85 -1.34	55.43 -0.76 -2.06	67.28 -0.92 -2.43	57.87 -0.78 -2.94	55.46 -0.75 -2.72	53.71 -0.73 -2.27	48.44 -0.77 -1.39	48.24 -0.82 -0.70	43.85 -0.70 -0.67
ONTARIO___LFGE 23819	48.67 -1.35 0.00	44.59 -1.23 -0.02	42.05 -1.16 -0.32	41.12 -1.05 -0.20	39.81 -1.05 -0.34	39.19 -0.99 -0.53	43.90 -0.97 -0.73	43.54 -0.95 -1.16	43.60 -1.05 -1.00	43.84 -1.19 -0.94	48.12 -1.28 -0.32	48.85 -1.29 -0.49	49.06 -1.34 -0.74	46.05 -1.39 -1.18	47.53 -1.43 -1.39	53.17 -1.33 -1.21	54.79 -1.19 -1.85	66.45 -1.51 -2.19	56.97 -1.39 -2.65	54.87 -1.07 -2.45	53.12 -1.10 -2.04	48.18 -1.10 -1.46	47.99 -1.11 -0.74	43.71 -0.88 -0.70
ORANGEVILLE_WT_PWR 323706	47.57 -2.45 0.00	43.04 -2.80 -0.03	40.69 -2.75 -0.55	39.68 -2.64 -0.35	38.48 -2.63 -0.58	37.99 -2.58 -0.91	42.53 -2.87 -1.25	42.53 -2.90 -2.10	41.92 -3.53 -1.81	41.77 -4.01 -1.70	44.37 -4.86 -0.16	44.90 -4.96 -0.22	44.86 -5.11 -0.32	41.87 -4.86 -0.47	43.07 -5.04 -0.55	48.50 -5.28 -0.49	49.50 -5.36 -0.73	59.99 -6.64 -0.85	51.06 -5.68 -1.03	49.21 -5.24 -0.96	47.92 -5.06 -0.80	45.69 -4.64 -2.51	45.18 -4.45 -1.27	41.76 -3.34 -1.21
ORANGEVILLE___ESR 323794	47.57 -2.45 0.00	43.04 -2.80 -0.03	40.69 -2.75 -0.55	39.68 -2.64 -0.35	38.48 -2.63 -0.58	37.99 -2.58 -0.91	42.53 -2.87 -1.25	42.53 -2.90 -2.10	41.92 -3.53 -1.81	41.77 -4.01 -1.70	44.37 -4.86 -0.16	44.90 -4.96 -0.22	44.86 -5.11 -0.32	41.87 -4.86 -0.47	43.07 -5.04 -0.55	48.50 -5.28 -0.49	49.50 -5.36 -0.73	59.99 -6.64 -0.85	51.06 -5.68 -1.03	49.21 -5.24 -0.96	47.92 -5.06 -0.80	45.69 -4.64 -2.51	45.18 -4.45 -1.27	41.76 -3.34 -1.21
OSWEGATCHIE___HYD 24044	49.77 -0.25 0.00	45.90 0.09 0.00	43.10 0.13 -0.09	41.90 -0.13 -0.05	40.54 -0.08 -0.09	39.24 -0.56 -0.14	43.33 -1.01 -0.20	42.57 -1.08 -0.32	42.65 -1.27 -0.27	43.28 -1.06 -0.26	48.72 -0.44 -0.09	48.99 -0.80 -0.13	49.11 -0.74 -0.20	46.34 -0.23 -0.32	47.93 0.00 -0.38	52.98 -0.64 -0.33	53.44 -1.19 -0.50	64.91 -1.45 -0.59	55.31 -1.11 -0.71	53.02 -1.13 -0.66	52.20 -0.52 -0.55	47.97 -0.24 -0.39	48.41 -0.14 -0.20	43.68 -0.40 -0.19
OSWEGO___5 23606	48.37 -1.65 0.00	44.31 -1.51 -0.01	41.70 -1.41 -0.22	40.76 -1.34 -0.14	39.47 -1.30 -0.23	38.79 -1.23 -0.37	43.23 -1.41 -0.50	42.76 -1.39 -0.82	42.95 -1.40 -0.70	43.29 -1.45 -0.66	47.68 -1.62 -0.23	48.36 -1.64 -0.34	48.54 -1.64 -0.52	45.50 -1.57 -0.82	46.91 -1.62 -0.97	52.37 -1.76 -0.84	53.68 -1.73 -1.28	65.18 -2.11 -1.51	55.82 -1.73 -1.83	53.53 -1.66 -1.70	51.97 -1.62 -1.41	47.30 -1.53 -1.01	47.32 -1.55 -0.51	43.01 -1.36 -0.49
OSWEGO___6 23613	48.37 -1.65 0.00	44.31 -1.51 -0.01	41.70 -1.41 -0.22	40.76 -1.34 -0.14	39.47 -1.30 -0.23	38.79 -1.23 -0.37	43.23 -1.41 -0.50	42.76 -1.39 -0.82	42.95 -1.40 -0.70	43.29 -1.45 -0.66	47.68 -1.62 -0.23	48.36 -1.64 -0.34	48.54 -1.64 -0.52	45.50 -1.57 -0.82	46.91 -1.62 -0.97	52.37 -1.76 -0.84	53.68 -1.73 -1.28	65.18 -2.11 -1.51	55.82 -1.73 -1.83	53.53 -1.66 -1.70	51.97 -1.62 -1.41	47.30 -1.53 -1.01	47.32 -1.55 -0.51	43.01 -1.36 -0.49

OUTOKUMPU-AB___DRP 24206	46.82 -3.20 0.00	42.95 -2.89 -0.02	40.46 -2.87 -0.45	39.53 -2.73 -0.29	38.29 -2.72 -0.48	37.82 -2.58 -0.75	42.39 -2.78 -1.03	42.06 -2.95 -1.67	41.45 -3.62 -1.42	41.50 -3.92 -1.34	44.51 -4.76 -0.20	45.04 -4.92 -0.31	45.15 -4.97 -0.46	42.22 -4.72 -0.68	43.51 -4.85 -0.80	49.08 -4.90 -0.69	49.99 -5.20 -1.05	60.44 -6.58 -1.24	51.53 -5.68 -1.50	49.90 -4.97 -1.39	48.58 -4.75 -1.16	45.60 -4.26 -2.04	45.37 -4.01 -1.03	42.11 -2.76 -0.99
OXBOW___BTM 323836	46.32 -3.70 0.00	42.76 -3.07 -0.02	40.37 -2.96 -0.44	39.44 -2.81 -0.28	38.21 -2.80 -0.47	37.69 -2.70 -0.74	42.29 -2.87 -1.02	41.74 -3.25 -1.66	41.15 -3.88 -1.40	41.25 -4.15 -1.31	44.26 -5.01 -0.20	44.75 -5.21 -0.31	44.80 -5.31 -0.46	41.85 -5.09 -0.68	43.13 -5.23 -0.80	48.71 -5.28 -0.69	49.61 -5.57 -1.06	59.79 -7.24 -1.25	51.09 -6.13 -1.51	49.58 -5.30 -1.39	48.22 -5.11 -1.16	45.28 -4.54 -2.00	45.06 -4.30 -1.00	41.97 -2.90 -0.98
OXBOW___ 24026	46.27 -3.75 0.00	42.76 -3.07 -0.02	40.37 -2.96 -0.44	39.44 -2.81 -0.28	38.20 -2.80 -0.47	37.70 -2.70 -0.74	42.29 -2.87 -1.02	41.78 -3.21 -1.66	41.15 -3.88 -1.40	41.25 -4.14 -1.31	44.21 -5.05 -0.20	44.75 -5.21 -0.31	44.75 -5.36 -0.46	41.85 -5.09 -0.68	43.13 -5.23 -0.81	48.71 -5.28 -0.69	49.61 -5.58 -1.06	59.92 -7.10 -1.25	51.09 -6.13 -1.51	49.53 -5.35 -1.39	48.22 -5.11 -1.16	45.33 -4.50 -2.00	45.11 -4.26 -1.00	41.97 -2.90 -0.98
OXY_CHEM_DSASP 323612	45.57 -4.45 0.00	42.49 -3.34 -0.02	40.15 -3.17 -0.44	39.23 -3.02 -0.28	38.04 -2.96 -0.46	37.53 -2.86 -0.73	42.06 -3.09 -1.00	41.42 -3.55 -1.64	40.78 -4.23 -1.37	40.87 -4.50 -1.28	43.82 -5.45 -0.19	44.25 -5.71 -0.31	44.26 -5.86 -0.47	41.39 -5.55 -0.69	42.66 -5.71 -0.81	48.23 -5.76 -0.69	49.13 -6.06 -1.07	59.20 -7.83 -1.26	50.55 -6.69 -1.52	49.05 -5.83 -1.40	47.76 -5.58 -1.16	44.91 -4.88 -1.96	44.65 -4.69 -0.98	41.74 -3.12 -0.97
OZONE_PARK_ESR 323760	53.52 3.50 0.00	49.03 3.07 -0.15	48.51 2.79 -2.83	46.47 2.69 -1.82	46.09 2.55 -3.00	47.02 2.66 -4.71	53.63 3.00 -6.49	56.96 3.08 -10.55	55.91 3.19 -9.08	55.93 3.31 -8.54	55.57 3.58 -2.92	57.95 3.87 -4.43	60.19 3.77 -6.77	60.26 3.52 -10.49	63.46 3.47 -12.43	67.88 3.78 -10.81	74.58 3.95 -16.50	90.39 5.13 -19.49	83.53 4.23 -23.58	79.27 3.96 -21.82	74.18 3.81 -18.20	64.52 3.68 -13.02	58.56 3.63 -6.57	53.31 3.16 -6.27
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	45.57 -4.45 0.00	42.49 -3.34 -0.02	40.15 -3.17 -0.44	39.23 -3.02 -0.28	38.04 -2.96 -0.46	37.53 -2.86 -0.73	42.06 -3.09 -1.00	41.42 -3.55 -1.64	40.78 -4.23 -1.37	40.87 -4.50 -1.28	43.82 -5.45 -0.19	44.25 -5.71 -0.31	44.26 -5.86 -0.47	41.39 -5.55 -0.69	42.66 -5.71 -0.81	48.23 -5.76 -0.69	49.13 -6.06 -1.07	59.20 -7.83 -1.26	50.55 -6.69 -1.52	49.05 -5.83 -1.40	47.76 -5.58 -1.16	44.91 -4.88 -1.96	44.65 -4.69 -0.98	41.74 -3.12 -0.97
PACKARD__115KV_DUPONT_184 80571	45.62 -4.40 0.00	42.49 -3.34 -0.02	40.15 -3.17 -0.44	39.23 -3.02 -0.28	38.04 -2.96 -0.46	37.53 -2.86 -0.73	42.06 -3.09 -1.00	41.37 -3.60 -1.64	40.78 -4.23 -1.37	40.87 -4.50 -1.28	43.86 -5.40 -0.19	44.30 -5.66 -0.31	44.31 -5.81 -0.47	41.34 -5.60 -0.68	42.65 -5.71 -0.81	48.22 -5.76 -0.69	49.13 -6.06 -1.07	59.07 -7.96 -1.26	50.54 -6.69 -1.52	49.06 -5.83 -1.40	47.76 -5.58 -1.16	44.86 -4.92 -1.96	44.65 -4.69 -0.98	41.74 -3.11 -0.97
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	53.22 3.20 0.00	48.76 2.79 -0.15	48.25 2.53 -2.83	46.18 2.39 -1.82	45.84 2.31 -3.00	46.74 2.38 -4.71	53.33 2.69 -6.49	56.61 2.73 -10.55	55.52 2.79 -9.08	55.58 2.95 -8.54	55.18 3.19 -2.92	57.51 3.43 -4.43	59.80 3.38 -6.77	59.89 3.15 -10.49	63.03 3.04 -12.43	67.35 3.25 -10.81	73.98 3.36 -16.50	89.67 4.41 -19.49	82.98 3.68 -23.59	78.68 3.37 -21.82	73.66 3.29 -18.20	64.04 3.20 -13.02	58.22 3.29 -6.57	53.00 2.85 -6.27
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	53.87 3.85 0.00	49.35 3.39 -0.15	48.85 3.13 -2.83	46.76 2.98 -1.82	46.41 2.88 -3.00	47.30 2.93 -4.71	53.90 3.27 -6.49	57.17 3.29 -10.55	56.09 3.36 -9.08	56.11 3.48 -8.54	55.77 3.78 -2.92	58.10 4.02 -4.43	60.34 3.92 -6.77	60.40 3.65 -10.49	63.61 3.61 -12.43	67.99 3.89 -10.81	74.63 4.01 -16.50	90.46 5.20 -19.49	83.65 4.35 -23.59	79.37 4.07 -21.82	74.29 3.91 -18.20	64.62 3.78 -13.02	58.80 3.87 -6.57	53.53 3.38 -6.27
PATROON__115KV_TB1 80586	51.52 1.50 0.00	47.46 1.47 -0.19	47.74 1.33 -3.52	45.57 1.34 -2.26	45.56 1.30 -3.73	46.73 1.23 -5.85	53.53 1.32 -8.06	57.66 1.21 -13.11	56.28 1.35 -11.29	56.07 1.37 -10.62	54.32 1.62 -3.63	56.69 1.54 -5.51	59.58 1.54 -8.39	60.73 1.43 -13.04	64.53 1.52 -15.45	68.48 1.76 -13.43	76.37 1.73 -20.51	91.97 1.97 -24.23	86.65 1.62 -29.32	82.22 1.60 -27.12	76.37 1.57 -22.63	65.39 1.39 -16.18	57.98 1.45 -8.17	52.90 1.23 -7.79
PATTRSNVILLE___SOLAR 323815	51.72 1.70 0.00	47.62 1.60 -0.20	48.15 1.46 -3.80	45.83 1.43 -2.43	45.97 1.42 -4.02	47.39 1.43 -6.30	54.47 1.63 -8.69	59.06 1.60 -14.13	57.25 1.44 -12.17	56.71 1.19 -11.44	54.25 1.27 -3.91	56.82 1.24 -5.93	59.98 1.29 -9.05	61.56 1.25 -14.05	65.68 1.48 -16.65	69.68 1.92 -14.48	78.34 2.11 -22.10	94.44 2.56 -26.11	89.48 2.17 -31.60	84.91 2.19 -29.23	78.65 2.09 -24.38	67.13 1.86 -17.44	59.05 1.88 -8.80	53.81 1.54 -8.39
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	47.22 -2.80 0.00	42.40 -3.44 -0.03	39.61 -3.77 -0.50	38.68 -3.61 -0.32	37.49 -3.57 -0.52	37.03 -3.45 -0.82	41.57 -3.71 -1.13	41.60 -3.60 -1.86	41.05 -4.19 -1.60	41.09 -4.50 -1.50	43.88 -5.40 -0.21	44.79 -5.16 -0.31	45.10 -5.01 -0.46	42.41 -4.53 -0.69	43.62 -4.76 -0.82	48.50 -5.49 -0.70	49.50 -5.68 -1.05	60.63 -6.38 -1.24	51.42 -5.79 -1.50	49.21 -5.67 -1.39	47.86 -5.48 -1.16	45.12 -4.97 -2.27	44.72 -4.79 -1.15	41.29 -3.69 -1.09
PAWLING_115_KV_BK3_REV_LBMP_H 345028	53.27 3.25 0.00	48.85 2.89 -0.15	48.46 2.70 -2.87	46.41 2.60 -1.84	46.00 2.43 -3.04	46.92 2.50 -4.76	53.54 2.83 -6.57	56.91 2.90 -10.68	55.81 2.97 -9.19	55.77 3.04 -8.65	55.36 3.34 -2.95	57.66 3.53 -4.48	59.91 3.43 -6.84	60.21 3.33 -10.62	63.43 3.28 -12.59	67.86 3.62 -10.94	74.51 3.68 -16.70	90.30 4.80 -19.73	83.55 3.96 -23.88	79.32 3.74 -22.09	74.15 3.55 -18.43	64.35 3.35 -13.18	58.35 3.34 -6.65	53.12 2.90 -6.34
PEEKSKILL___ 23653	52.77 2.75 0.00	48.39 2.43 -0.15	47.88 2.19 -2.81	45.86 2.10 -1.80	45.49 1.99 -2.97	46.38 2.06 -4.66	52.95 2.38 -6.42	56.20 2.43 -10.44	55.12 2.49 -8.99	55.05 2.51 -8.46	54.71 2.75 -2.89	56.96 2.93 -4.38	59.21 2.88 -6.69	59.37 2.73 -10.39	62.52 2.66 -12.30	66.87 2.88 -10.70	73.44 2.98 -16.33	89.01 3.95 -19.29	82.29 3.23 -23.35	78.14 3.05 -21.60	73.11 2.92 -18.02	63.53 2.82 -12.89	57.67 2.80 -6.50	52.54 2.46 -6.20
PGE MADISON___WINDPWR 24146	53.22 3.20 0.00	48.56 2.70 -0.05	46.17 2.36 -0.92	44.86 2.31 -0.59	43.65 2.15 -0.97	43.36 2.18 -1.53	48.76 2.52 -2.10	48.85 2.08 -3.44	48.70 2.09 -2.96	49.25 2.38 -2.79	52.66 2.31 -1.29	54.20 2.58 -1.97	55.34 2.68 -3.01	53.50 2.45 -4.79	55.90 2.66 -5.68	61.13 2.93 -4.91	64.94 3.30 -7.51	79.32 4.67 -8.88	70.19 3.73 -10.75	66.90 3.48 -9.94	63.70 3.23 -8.29	54.43 2.39 -4.22	52.67 2.18 -2.13	47.63 1.71 -2.03

PIERCEFIELD___HYD 23852	50.42 0.40 0.00	46.18 0.37 0.00	43.33 0.39 -0.05	42.04 0.04 -0.04	40.67 0.08 -0.06	39.27 -0.48 -0.09	43.48 -0.79 -0.13	42.67 -0.87 -0.20	42.86 -0.96 -0.17	43.58 -0.66 -0.16	49.47 0.34 -0.06	49.44 -0.30 -0.09	49.48 -0.30 -0.13	46.83 0.37 -0.20	48.46 0.67 -0.24	53.13 -0.37 -0.21	53.47 -0.97 -0.32	64.63 -1.51 -0.38	55.05 -1.11 -0.46	52.84 -1.07 -0.42	51.95 -0.57 -0.35	48.02 -0.05 -0.25	48.78 0.29 -0.13	44.05 0.04 -0.12
PINELAWN_CC_1 323563	54.74 3.95 -0.77	50.46 3.48 -1.17	50.02 3.22 -3.91	48.17 3.06 -3.14	47.85 2.96 -4.36	48.68 3.05 -5.97	54.83 3.45 -7.24	57.43 3.47 -10.63	56.43 3.49 -9.30	56.28 3.66 -8.54	56.03 3.78 -3.18	58.21 4.12 -4.45	60.39 3.97 -6.77	60.45 3.65 -10.54	63.62 3.61 -12.45	68.28 3.67 -11.31	80.79 3.84 -22.81	94.34 4.94 -23.63	86.96 4.18 -27.06	84.06 3.85 -26.72	77.62 3.70 -21.74	68.28 3.59 -16.87	60.14 3.82 -7.95	54.82 3.43 -7.51
PJM_GEN_HTTP_PROXY 323702	53.17 3.15 0.00	48.66 2.70 -0.15	48.21 2.49 -2.83	46.13 2.35 -1.81	45.76 2.23 -3.00	46.66 2.30 -4.70	53.28 2.65 -6.49	56.61 2.73 -10.54	55.52 2.80 -9.08	55.49 2.86 -8.54	55.08 3.09 -2.92	57.46 3.38 -4.43	59.68 3.28 -6.75	59.80 3.05 -10.49	62.98 3.00 -12.43	67.35 3.25 -10.80	73.98 3.36 -16.50	89.66 4.41 -19.49	82.97 3.68 -23.58	78.73 3.43 -21.82	73.66 3.29 -18.20	63.99 3.16 -13.02	58.07 3.14 -6.57	52.92 2.77 -6.27
PJM_GEN_KEystone 24065	49.56 -0.25 0.21	45.40 -0.50 -0.09	44.08 -0.56 -1.75	42.54 -0.55 -1.12	41.86 -0.53 -1.86	42.13 -0.44 -2.91	47.76 -0.40 -4.01	49.52 -0.35 -6.53	48.79 -0.48 -5.63	48.80 -0.57 -5.29	49.83 -0.88 -1.64	50.34 -0.80 -1.48	50.77 -0.84 -1.96	49.63 -0.79 -4.16	51.35 -0.85 -4.65	58.38 -0.96 -6.05	62.43 -0.92 -9.22	75.74 -0.92 -10.89	68.00 -0.89 -13.18	64.83 -0.86 -12.19	61.51 -0.84 -10.17	55.21 -0.67 -8.06	51.80 -0.63 -4.06	47.50 -0.26 -3.88
PJM_GEN_NEPTUNE_PROXY 323594	53.44 3.35 -0.07	49.07 3.02 -0.24	48.60 2.79 -2.93	46.54 2.65 -1.93	46.20 2.56 -3.12	47.09 2.62 -4.81	53.66 2.96 -6.56	56.93 3.03 -10.56	55.81 3.05 -9.11	55.79 3.18 -8.54	55.40 3.38 -2.95	57.67 3.58 -4.44	59.84 3.42 -6.76	59.95 3.19 -10.50	63.07 3.09 -12.43	67.33 3.20 -10.84	74.37 3.25 -16.99	89.79 4.21 -19.81	83.08 3.51 -23.86	78.95 3.26 -22.20	73.83 3.18 -18.48	64.24 3.11 -13.32	58.24 3.19 -6.69	53.15 2.90 -6.37
PJM_GEN_VFT_PROXY 323633	52.97 2.95 0.00	48.52 2.56 -0.15	48.04 2.31 -2.83	45.96 2.18 -1.82	45.64 2.11 -3.00	46.58 2.22 -4.71	53.15 2.51 -6.49	56.48 2.60 -10.55	55.43 2.71 -9.08	55.45 2.82 -8.54	55.03 3.04 -2.92	57.36 3.28 -4.44	59.60 3.18 -6.77	59.72 2.96 -10.50	62.94 2.95 -12.43	67.24 3.14 -10.81	73.87 3.25 -16.50	89.53 4.27 -19.49	82.87 3.57 -23.58	78.57 3.26 -21.82	73.50 3.13 -18.20	63.90 3.06 -13.02	57.98 3.05 -6.57	52.78 2.63 -6.27
PLATSBURG_115KV_PMLD1 355749	50.47 0.45 0.00	46.22 0.41 0.00	43.36 0.47 0.00	42.09 0.13 0.00	40.73 0.20 0.00	39.46 -0.20 0.00	44.06 -0.09 0.00	43.20 -0.13 0.00	43.47 -0.17 0.00	44.30 0.22 0.00	50.30 1.23 0.00	50.30 0.65 0.00	50.25 0.60 0.00	47.46 1.20 0.00	49.08 1.52 0.00	53.82 0.53 0.00	54.24 0.11 0.00	65.71 -0.07 0.00	55.77 0.06 0.00	53.49 0.00 0.00	52.38 0.21 0.00	48.30 0.48 0.00	48.89 0.53 0.00	44.06 0.18 0.00
PLEASANTVLY___LBMP 24000	52.37 2.35 0.00	48.07 2.11 -0.16	47.77 1.93 -2.95	45.70 1.85 -1.89	45.40 1.74 -3.13	46.34 1.78 -4.90	52.97 2.07 -6.75	56.39 2.08 -10.98	55.24 2.14 -9.46	55.18 2.20 -8.89	54.51 2.40 -3.04	56.84 2.58 -4.61	59.21 2.53 -7.03	59.54 2.36 -10.93	62.83 2.33 -12.95	67.05 2.50 -11.25	73.90 2.60 -17.18	89.42 3.35 -20.29	83.06 2.79 -24.56	78.83 2.62 -22.72	73.63 2.50 -18.95	63.77 2.39 -13.56	57.62 2.42 -6.84	52.56 2.15 -6.52
PLSNTVLE_13_KV_13.8KVDIST 80602	52.87 2.85 0.00	48.48 2.52 -0.15	48.06 2.32 -2.86	46.02 2.22 -1.83	45.66 2.11 -3.02	46.58 2.18 -4.74	53.15 2.47 -6.53	56.47 2.51 -10.62	55.37 2.57 -9.15	55.33 2.64 -8.60	54.86 2.85 -2.94	57.19 3.08 -4.46	59.48 3.03 -6.80	59.65 2.82 -10.57	62.84 2.76 -12.52	67.16 2.98 -10.89	73.89 3.14 -16.62	89.48 4.08 -19.63	82.87 3.40 -23.76	78.62 3.16 -21.98	73.59 3.08 -18.33	63.85 2.92 -13.11	57.88 2.90 -6.62	52.74 2.55 -6.31
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	52.87 2.85 0.00	48.48 2.52 -0.15	48.06 2.32 -2.86	46.02 2.22 -1.83	45.66 2.11 -3.02	46.58 2.18 -4.74	53.15 2.47 -6.53	56.47 2.51 -10.62	55.37 2.57 -9.15	55.33 2.64 -8.60	54.86 2.85 -2.94	57.19 3.08 -4.46	59.48 3.03 -6.80	59.65 2.82 -10.57	62.84 2.76 -12.52	67.16 2.98 -10.89	73.89 3.14 -16.62	89.48 4.08 -19.63	82.87 3.40 -23.76	78.62 3.16 -21.98	73.59 3.08 -18.33	63.85 2.92 -13.11	57.88 2.90 -6.62	52.74 2.55 -6.31
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	52.77 2.75 0.00	48.39 2.43 -0.16	48.05 2.23 -2.93	46.03 2.18 -1.88	45.66 2.03 -3.11	46.59 2.06 -4.87	53.24 2.38 -6.71	56.63 2.38 -10.91	55.49 2.44 -9.40	55.39 2.47 -8.84	54.79 2.70 -3.02	57.11 2.88 -4.58	59.47 2.83 -6.99	59.80 2.68 -10.86	63.09 2.66 -12.87	67.40 2.93 -11.18	74.34 3.14 -17.07	89.95 4.01 -20.17	83.46 3.34 -24.41	79.22 3.16 -22.58	73.98 2.97 -18.83	64.07 2.77 -13.47	57.96 2.80 -6.80	52.83 2.46 -6.48
POLETTI_____ 23519	52.57 2.55 0.00	48.21 2.24 -0.15	47.74 2.02 -2.83	45.67 1.89 -1.82	45.36 1.82 -3.00	46.27 1.90 -4.71	52.80 2.16 -6.49	56.09 2.21 -10.55	55.04 2.31 -9.08	55.18 2.56 -8.54	54.69 2.70 -2.92	57.11 3.03 -4.43	59.40 2.98 -6.77	59.52 2.78 -10.49	62.65 2.66 -12.43	66.76 2.66 -10.81	73.28 2.65 -16.50	88.88 3.62 -19.49	82.31 3.01 -23.59	78.04 2.73 -21.82	72.98 2.61 -18.20	63.57 2.73 -13.02	57.69 2.76 -6.57	52.48 2.33 -6.27
POMONA___ESR 323819	52.72 2.70 0.00	48.29 2.33 -0.15	47.78 2.14 -2.75	45.78 2.06 -1.76	45.39 1.95 -2.91	46.24 2.02 -4.56	52.77 2.34 -6.29	55.90 2.34 -10.23	54.89 2.44 -8.81	54.88 2.51 -8.28	54.60 2.70 -2.83	56.82 2.88 -4.29	59.03 2.83 -6.55	59.06 2.64 -10.17	62.22 2.61 -12.05	66.59 2.82 -10.48	73.10 2.98 -16.00	88.61 3.95 -18.90	81.81 3.23 -22.87	77.64 2.99 -21.16	72.69 2.87 -17.65	63.22 2.77 -12.62	57.49 2.76 -6.37	52.42 2.46 -6.08
PORT_JEFF_3 23555	54.37 4.05 -0.30	49.97 3.62 -0.54	49.44 3.30 -3.25	47.52 3.23 -2.32	47.18 3.12 -3.52	48.06 3.21 -5.19	54.58 3.66 -6.78	57.56 3.64 -10.58	56.52 3.71 -9.17	56.32 3.70 -8.54	56.02 3.93 -3.02	58.26 4.17 -4.44	60.44 4.02 -6.77	60.51 3.74 -10.51	63.56 3.57 -12.43	67.80 3.52 -10.99	76.59 3.57 -18.89	91.10 4.27 -21.06	84.35 3.73 -24.90	80.59 3.43 -23.67	74.90 3.18 -19.54	65.64 3.35 -14.47	59.28 3.82 -7.10	54.01 3.38 -6.74
PORT_JEFF_4 23616	54.37 4.05 -0.30	49.97 3.62 -0.54	49.44 3.30 -3.25	47.52 3.23 -2.32	47.18 3.12 -3.52	48.06 3.21 -5.19	54.58 3.66 -6.78	57.56 3.64 -10.58	56.52 3.71 -9.17	56.32 3.70 -8.54	56.02 3.93 -3.02	58.26 4.17 -4.44	60.44 4.02 -6.77	60.51 3.74 -10.51	63.56 3.57 -12.43	67.80 3.52 -10.99	76.59 3.57 -18.89	91.10 4.27 -21.06	84.35 3.73 -24.90	80.59 3.43 -23.67	74.90 3.18 -19.54	65.64 3.35 -14.47	59.28 3.82 -7.10	54.01 3.38 -6.74

PORT_JEFF_IC 23713	54.44 4.10 -0.32	50.04 3.66 -0.57	49.55 3.39 -3.28	47.60 3.27 -2.36	47.25 3.16 -3.56	48.13 3.25 -5.22	54.69 3.75 -6.80	57.69 3.77 -10.59	56.62 3.80 -9.18	56.37 3.75 -8.54	56.12 4.02 -3.03	58.31 4.22 -4.44	60.54 4.12 -6.77	60.61 3.84 -10.52	63.66 3.66 -12.44	67.92 3.62 -11.01	76.98 3.79 -19.06	91.21 4.28 -21.17	84.55 3.84 -25.00	80.88 3.58 -23.80	75.15 3.34 -19.63	65.94 3.54 -14.58	59.42 3.92 -7.14	54.13 3.47 -6.78
PPL PILGRIM_ST_GT1 24216	54.29 3.85 -0.42	49.90 3.39 -0.70	49.43 3.13 -3.42	47.52 3.02 -2.53	47.15 2.88 -3.74	48.02 2.98 -5.39	54.44 3.40 -6.89	57.35 3.42 -10.59	56.29 3.45 -9.20	56.72 4.10 -8.54	55.81 3.68 -3.06	58.71 4.62 -4.44	60.89 4.47 -6.77	60.39 3.61 -10.52	64.04 4.04 -12.44	67.88 3.52 -11.07	77.75 3.73 -19.89	92.28 4.80 -21.71	85.18 4.01 -25.45	81.63 3.69 -24.45	75.77 3.50 -20.10	66.35 3.44 -15.09	59.45 3.77 -7.32	54.16 3.33 -6.94
PPL PILGRIM_ST_GT2 24217	54.29 3.85 -0.42	49.90 3.39 -0.70	49.43 3.13 -3.42	47.52 3.02 -2.53	47.15 2.88 -3.74	48.02 2.98 -5.39	54.44 3.40 -6.89	57.35 3.42 -10.59	56.29 3.45 -9.20	56.72 4.10 -8.54	55.81 3.68 -3.06	58.71 4.62 -4.44	60.89 4.47 -6.77	60.39 3.61 -10.52	64.04 4.04 -12.44	67.88 3.52 -11.07	77.75 3.73 -19.89	92.28 4.80 -21.71	85.18 4.01 -25.45	81.63 3.69 -24.45	75.77 3.50 -20.10	66.35 3.44 -15.09	59.45 3.77 -7.32	54.16 3.33 -6.94
PPL_SHRM_GT3 24213	54.88 4.55 -0.31	50.40 4.03 -0.56	49.88 3.73 -3.26	47.96 3.65 -2.34	47.60 3.52 -3.54	48.51 3.65 -5.21	55.13 4.20 -6.79	58.08 4.16 -10.58	57.01 4.19 -9.17	56.67 4.05 -8.54	56.46 4.37 -3.03	58.61 4.52 -4.44	60.79 4.37 -6.77	60.88 4.12 -10.52	64.03 4.04 -12.44	68.29 4.00 -11.00	77.49 4.38 -18.98	92.34 5.46 -21.11	85.34 4.68 -24.95	81.08 3.85 -23.74	75.31 3.55 -19.59	65.89 3.54 -14.53	59.45 3.97 -7.12	54.16 3.51 -6.76
PPL_SHRM_GT4 24214	54.88 4.55 -0.31	50.40 4.03 -0.56	49.88 3.73 -3.26	47.96 3.65 -2.34	47.60 3.52 -3.54	48.51 3.65 -5.21	55.13 4.20 -6.79	58.08 4.16 -10.58	57.01 4.19 -9.17	56.67 4.05 -8.54	56.46 4.37 -3.03	58.61 4.52 -4.44	60.79 4.37 -6.77	60.88 4.12 -10.52	64.03 4.04 -12.44	68.29 4.00 -11.00	77.49 4.38 -18.98	92.34 5.46 -21.11	85.34 4.68 -24.95	81.08 3.85 -23.74	75.31 3.55 -19.59	65.89 3.54 -14.53	59.45 3.97 -7.12	54.16 3.51 -6.76
PROJECT___ORANGE 1 24174	48.87 -1.15 0.00	44.77 -1.05 -0.01	42.13 -1.03 -0.27	41.18 -0.97 -0.18	39.89 -0.93 -0.29	39.24 -0.87 -0.45	43.84 -0.93 -0.63	43.44 -0.91 -1.02	43.56 -0.96 -0.87	43.89 -1.01 -0.82	48.27 -1.08 -0.28	49.03 -1.04 -0.43	49.26 -1.04 -0.65	46.25 -1.02 -1.01	47.66 -1.09 -1.20	53.21 -1.12 -1.04	54.69 -1.03 -1.59	66.40 -1.25 -1.88	56.87 -1.11 -2.28	54.58 -1.02 -2.11	52.89 -1.04 -1.76	48.07 -1.00 -1.26	47.93 -1.06 -0.63	43.57 -0.92 -0.60
PROJECT___ORANGE 2 24166	48.87 -1.15 0.00	44.77 -1.05 -0.01	42.13 -1.03 -0.27	41.18 -0.97 -0.18	39.89 -0.93 -0.29	39.24 -0.87 -0.45	43.84 -0.93 -0.63	43.44 -0.91 -1.02	43.56 -0.96 -0.87	43.89 -1.01 -0.82	48.27 -1.08 -0.28	49.03 -1.04 -0.43	49.26 -1.04 -0.65	46.25 -1.02 -1.01	47.66 -1.09 -1.20	53.21 -1.12 -1.04	54.69 -1.03 -1.59	66.40 -1.25 -1.88	56.87 -1.11 -2.28	54.58 -1.02 -2.11	52.89 -1.04 -1.76	48.07 -1.00 -1.26	47.93 -1.06 -0.63	43.57 -0.92 -0.60
PUCKETT___SOLAR 323809	50.47 0.45 0.00	46.00 0.14 -0.05	43.95 0.09 -0.98	42.72 0.13 -0.63	41.65 0.08 -1.03	41.40 0.12 -1.62	46.60 0.22 -2.24	47.12 0.13 -3.66	46.79 0.00 -3.15	47.00 -0.04 -2.96	49.80 -0.20 -0.93	50.95 -0.10 -1.40	51.73 -0.05 -2.13	49.48 -0.09 -3.32	51.44 -0.05 -3.93	56.71 0.00 -3.42	59.51 0.16 -5.22	72.46 0.52 -6.16	63.56 0.39 -7.46	60.71 0.32 -6.90	58.24 0.31 -5.76	52.35 0.05 -4.49	50.62 0.00 -2.26	46.09 0.04 -2.16
PYRITES___HYD 24023	51.32 1.30 0.00	46.96 1.15 0.00	44.06 1.12 -0.05	42.76 0.76 -0.03	41.36 0.77 -0.06	39.98 0.24 -0.09	44.35 0.09 -0.12	43.44 -0.09 -0.19	43.51 -0.31 -0.17	44.19 -0.04 -0.16	50.06 0.93 -0.05	50.03 0.30 -0.08	50.02 0.25 -0.12	47.42 0.97 -0.19	49.12 1.33 -0.23	53.92 0.43 -0.20	54.43 0.00 -0.30	66.20 0.07 -0.36	56.43 0.28 -0.43	54.21 0.32 -0.40	53.19 0.68 -0.34	49.11 1.05 -0.24	49.74 1.26 -0.12	44.79 0.79 -0.12
QUAKERRD_115KV_BK1 80622	47.12 -2.90 0.00	43.26 -2.57 -0.02	40.84 -2.36 -0.31	39.90 -2.27 -0.20	38.67 -2.19 -0.33	38.08 -2.10 -0.52	42.61 -2.25 -0.72	42.31 -2.17 -1.14	42.31 -2.31 -0.98	42.58 -2.42 -0.92	46.51 -2.80 -0.24	47.13 -2.88 -0.36	47.17 -3.03 -0.55	44.14 -2.91 -0.80	45.55 -2.95 -0.95	51.21 -2.93 -0.85	52.50 -2.92 -1.29	63.55 -3.75 -1.53	54.22 -3.34 -1.85	52.36 -2.83 -1.71	50.84 -2.77 -1.43	46.73 -2.53 -1.44	46.52 -2.56 -0.73	42.47 -2.11 -0.69
QUENSBRY_115KV_TB8 356137	53.67 3.65 0.00	49.53 3.53 -0.20	49.76 3.22 -3.65	47.41 3.11 -2.34	47.52 3.12 -3.87	48.85 3.13 -6.06	56.03 3.53 -8.36	60.52 3.60 -13.59	59.14 3.80 -11.70	58.92 3.84 -11.00	57.25 4.42 -3.76	59.58 4.22 -5.71	62.37 4.02 -8.70	63.38 3.61 -13.52	67.47 3.90 -16.02	71.74 4.53 -13.92	79.99 4.60 -21.26	96.27 5.39 -25.11	90.56 4.46 -30.39	86.04 4.44 -28.11	80.01 4.38 -23.45	68.42 3.83 -16.77	60.79 3.97 -8.46	55.21 3.25 -8.07
RAMAPO___LBMP 323565	52.47 2.45 0.00	48.11 2.15 -0.15	47.59 1.97 -2.73	45.60 1.89 -1.75	45.20 1.78 -2.89	46.05 1.86 -4.53	52.55 2.16 -6.25	55.65 2.17 -10.15	54.66 2.27 -8.74	54.60 2.29 -8.22	54.33 2.45 -2.81	56.55 2.63 -4.26	58.73 2.58 -6.50	58.81 2.45 -10.10	61.90 2.38 -11.97	66.25 2.56 -10.40	72.72 2.71 -15.88	88.08 3.55 -18.76	81.37 2.95 -22.70	77.22 2.73 -21.00	72.30 2.61 -17.52	62.89 2.53 -12.53	57.20 2.51 -6.32	52.20 2.28 -6.03
RANKINE____ 23646	47.27 -2.75 0.00	42.90 -2.93 -0.03	40.33 -3.05 -0.48	39.38 -2.90 -0.31	38.12 -2.92 -0.51	37.64 -2.82 -0.80	42.20 -3.05 -1.11	42.20 -2.95 -1.81	41.62 -3.58 -1.56	41.62 -3.92 -1.47	44.52 -4.76 -0.20	45.18 -4.77 -0.30	45.28 -4.82 -0.45	42.44 -4.49 -0.68	43.70 -4.66 -0.80	49.02 -4.96 -0.68	50.01 -5.14 -1.03	60.80 -6.18 -1.21	51.72 -5.46 -1.46	49.87 -4.97 -1.36	48.51 -4.80 -1.13	45.73 -4.30 -2.21	45.37 -4.11 -1.12	41.97 -2.98 -1.07
RAVENSWOOD_GT2_1 24244	53.17 3.15 0.00	48.76 2.79 -0.15	48.25 2.53 -2.83	46.18 2.39 -1.82	45.84 2.31 -3.00	46.74 2.38 -4.71	53.37 2.74 -6.49	56.65 2.77 -10.55	55.61 2.88 -9.08	55.58 2.95 -8.54	55.18 3.19 -2.92	57.55 3.48 -4.43	59.80 3.38 -6.77	59.89 3.15 -10.49	63.08 3.09 -12.43	67.46 3.36 -10.81	74.09 3.46 -16.50	89.80 4.54 -19.49	83.03 3.73 -23.59	78.79 3.48 -21.82	73.71 3.34 -18.20	64.09 3.25 -13.02	58.17 3.24 -6.57	53.00 2.85 -6.27
RAVENSWOOD_GT2_2 24245	53.17 3.15 0.00	48.76 2.79 -0.15	48.25 2.53 -2.83	46.18 2.39 -1.82	45.84 2.31 -3.00	46.74 2.38 -4.71	53.37 2.74 -6.49	56.65 2.77 -10.55	55.61 2.88 -9.08	55.58 2.95 -8.54	55.18 3.19 -2.92	57.55 3.48 -4.43	59.80 3.38 -6.77	59.89 3.15 -10.49	63.08 3.09 -12.43	67.46 3.36 -10.81	74.09 3.46 -16.50	89.80 4.54 -19.49	83.03 3.73 -23.59	78.79 3.48 -21.82	73.71 3.34 -18.20	64.09 3.25 -13.02	58.17 3.24 -6.57	53.00 2.85 -6.27

RAVENSWOOD_GT2_3 24246	53.22 3.20 0.00	48.76 2.79 -0.15	48.25 2.53 -2.83	46.22 2.43 -1.82	45.84 2.31 -3.00	46.78 2.42 -4.71	53.37 2.74 -6.49	56.65 2.77 -10.55	55.61 2.88 -9.08	55.62 3.00 -8.54	55.23 3.24 -2.92	57.55 3.48 -4.43	59.85 3.43 -6.77	59.94 3.19 -10.49	63.13 3.14 -12.43	67.46 3.36 -10.81	74.09 3.46 -16.50	89.80 4.54 -19.49	83.09 3.79 -23.59	78.84 3.53 -21.82	73.77 3.39 -18.20	64.09 3.25 -13.02	58.22 3.29 -6.57	53.00 2.85 -6.27
RAVENSWOOD_GT2_4 24247	53.22 3.20 0.00	48.76 2.79 -0.15	48.25 2.53 -2.83	46.22 2.43 -1.82	45.84 2.31 -3.00	46.78 2.42 -4.71	53.37 2.74 -6.49	56.65 2.77 -10.55	55.61 2.88 -9.08	55.62 3.00 -8.54	55.23 3.24 -2.92	57.55 3.48 -4.43	59.85 3.43 -6.77	59.94 3.19 -10.49	63.13 3.14 -12.43	67.46 3.36 -10.81	74.09 3.46 -16.50	89.80 4.54 -19.49	83.09 3.79 -23.59	78.84 3.53 -21.82	73.77 3.39 -18.20	64.09 3.25 -13.02	58.22 3.29 -6.57	53.00 2.85 -6.27
RAVENSWOOD_GT3_1 24248	53.17 3.15 0.00	48.76 2.79 -0.15	48.25 2.53 -2.83	46.18 2.39 -1.82	45.84 2.31 -3.00	46.74 2.38 -4.71	53.37 2.74 -6.49	56.65 2.77 -10.55	55.61 2.88 -9.08	55.58 2.95 -8.54	55.23 3.24 -2.92	57.55 3.48 -4.43	59.80 3.38 -6.77	59.89 3.15 -10.49	63.08 3.09 -12.43	67.46 3.36 -10.81	74.09 3.46 -16.50	89.80 4.54 -19.49	83.09 3.79 -23.59	78.84 3.53 -21.82	73.77 3.39 -18.20	64.09 3.25 -13.02	58.17 3.24 -6.57	53.00 2.85 -6.27
RAVENSWOOD_GT3_2 24249	53.17 3.15 0.00	48.76 2.79 -0.15	48.25 2.53 -2.83	46.18 2.39 -1.82	45.84 2.31 -3.00	46.74 2.38 -4.71	53.37 2.74 -6.49	56.65 2.77 -10.55	55.61 2.88 -9.08	55.58 2.95 -8.54	55.23 3.24 -2.92	57.55 3.48 -4.43	59.80 3.38 -6.77	59.89 3.15 -10.49	63.08 3.09 -12.43	67.46 3.36 -10.81	74.09 3.46 -16.50	89.80 4.54 -19.49	83.09 3.79 -23.59	78.84 3.53 -21.82	73.77 3.39 -18.20	64.09 3.25 -13.02	58.17 3.24 -6.57	53.00 2.85 -6.27
RAVENSWOOD_GT3_3 24250	53.22 3.20 0.00	48.80 2.84 -0.15	48.30 2.57 -2.83	46.26 2.48 -1.82	45.88 2.35 -3.00	46.78 2.42 -4.71	53.41 2.78 -6.49	56.70 2.82 -10.55	55.65 2.92 -9.08	55.67 3.04 -8.54	55.28 3.29 -2.92	57.60 3.53 -4.43	59.89 3.48 -6.77	59.99 3.24 -10.49	63.18 3.19 -12.43	67.51 3.41 -10.81	74.15 3.52 -16.50	89.86 4.60 -19.49	83.14 3.84 -23.59	78.89 3.58 -21.82	73.82 3.44 -18.20	64.14 3.30 -13.02	58.27 3.34 -6.57	53.05 2.90 -6.27
RAVENSWOOD_GT3_4 24251	53.22 3.20 0.00	48.80 2.84 -0.15	48.30 2.57 -2.83	46.26 2.48 -1.82	45.88 2.35 -3.00	46.78 2.42 -4.71	53.41 2.78 -6.49	56.70 2.82 -10.55	55.65 2.92 -9.08	55.67 3.04 -8.54	55.28 3.29 -2.92	57.60 3.53 -4.43	59.89 3.48 -6.77	59.99 3.24 -10.49	63.18 3.19 -12.43	67.51 3.41 -10.81	74.15 3.52 -16.50	89.86 4.60 -19.49	83.14 3.84 -23.59	78.89 3.58 -21.82	73.82 3.44 -18.20	64.14 3.30 -13.02	58.27 3.34 -6.57	53.05 2.90 -6.27
RAVENSWOOD_GT_1 23729	53.47 3.45 0.00	48.99 3.02 -0.15	48.47 2.74 -2.84	46.39 2.60 -1.82	46.05 2.51 -3.00	46.94 2.58 -4.71	53.55 2.91 -6.49	56.83 2.95 -10.55	55.78 3.06 -9.08	55.80 3.17 -8.54	55.42 3.43 -2.92	57.75 3.67 -4.43	60.04 3.62 -6.77	60.13 3.38 -10.49	63.32 3.33 -12.43	67.67 3.57 -10.81	74.25 3.63 -16.50	90.00 4.74 -19.49	83.26 3.96 -23.59	79.00 3.69 -21.82	73.92 3.55 -18.20	64.33 3.49 -13.02	58.46 3.53 -6.57	53.22 3.07 -6.27
RAVENSWOOD_GT_10 24258	53.17 3.15 0.00	48.76 2.79 -0.15	48.25 2.53 -2.83	46.18 2.39 -1.82	45.84 2.31 -3.00	46.74 2.38 -4.71	53.37 2.74 -6.49	56.65 2.77 -10.55	55.61 2.88 -9.08	55.58 2.95 -8.54	55.18 3.19 -2.92	57.55 3.48 -4.43	59.80 3.38 -6.77	59.89 3.15 -10.49	63.08 3.09 -12.43	67.46 3.36 -10.81	74.09 3.46 -16.50	89.80 4.54 -19.49	83.03 3.73 -23.59	78.79 3.48 -21.82	73.77 3.39 -18.20	64.09 3.25 -13.02	58.17 3.24 -6.57	53.00 2.85 -6.27
RAVENSWOOD_GT_11 24259	53.17 3.15 0.00	48.76 2.79 -0.15	48.25 2.53 -2.83	46.18 2.39 -1.82	45.84 2.31 -3.00	46.74 2.38 -4.71	53.37 2.74 -6.49	56.65 2.77 -10.55	55.61 2.88 -9.08	55.58 2.95 -8.54	55.18 3.19 -2.92	57.55 3.48 -4.43	59.80 3.38 -6.77	59.89 3.15 -10.49	63.08 3.09 -12.43	67.46 3.36 -10.81	74.09 3.46 -16.50	89.80 4.54 -19.49	83.03 3.73 -23.59	78.79 3.48 -21.82	73.77 3.39 -18.20	64.09 3.25 -13.02	58.17 3.24 -6.57	53.00 2.85 -6.27
RAVENSWOOD_GT_4 24252	53.27 3.25 0.00	48.80 2.84 -0.15	48.30 2.57 -2.83	46.26 2.48 -1.81	45.88 2.35 -3.00	46.82 2.46 -4.71	53.41 2.78 -6.49	56.70 2.82 -10.55	55.65 2.92 -9.08	55.67 3.04 -8.54	55.28 3.29 -2.92	57.60 3.53 -4.43	59.85 3.43 -6.77	59.99 3.24 -10.49	63.18 3.19 -12.43	67.51 3.41 -10.81	74.15 3.52 -16.50	89.86 4.60 -19.49	83.09 3.79 -23.59	78.84 3.53 -21.82	73.77 3.39 -18.20	64.14 3.30 -13.02	58.27 3.34 -6.57	53.05 2.90 -6.27
RAVENSWOOD_GT_5 24254	53.27 3.25 0.00	48.80 2.84 -0.15	48.30 2.57 -2.83	46.26 2.48 -1.81	45.88 2.35 -3.00	46.82 2.46 -4.71	53.41 2.78 -6.49	56.70 2.82 -10.55	55.65 2.92 -9.08	55.67 3.04 -8.54	55.28 3.29 -2.92	57.60 3.53 -4.43	59.85 3.43 -6.77	59.99 3.24 -10.49	63.18 3.19 -12.43	67.51 3.41 -10.81	74.15 3.52 -16.50	89.86 4.60 -19.49	83.09 3.79 -23.59	78.84 3.53 -21.82	73.77 3.39 -18.20	64.14 3.30 -13.02	58.27 3.34 -6.57	53.05 2.90 -6.27
RAVENSWOOD_GT_6 24253	53.27 3.25 0.00	48.80 2.84 -0.15	48.30 2.57 -2.83	46.26 2.48 -1.81	45.88 2.35 -3.00	46.82 2.46 -4.71	53.41 2.78 -6.49	56.70 2.82 -10.55	55.65 2.92 -9.08	55.67 3.04 -8.54	55.28 3.29 -2.92	57.60 3.53 -4.43	59.85 3.43 -6.77	59.99 3.24 -10.49	63.18 3.19 -12.43	67.51 3.41 -10.81	74.15 3.52 -16.50	89.86 4.60 -19.49	83.09 3.79 -23.59	78.84 3.53 -21.82	73.77 3.39 -18.20	64.14 3.30 -13.02	58.27 3.34 -6.57	53.05 2.90 -6.27
RAVENSWOOD_GT_7 24255	53.27 3.25 0.00	48.80 2.84 -0.15	48.30 2.57 -2.83	46.26 2.48 -1.81	45.88 2.35 -3.00	46.82 2.46 -4.71	53.41 2.78 -6.49	56.70 2.82 -10.55	55.65 2.92 -9.08	55.67 3.04 -8.54	55.28 3.29 -2.92	57.60 3.53 -4.43	59.85 3.43 -6.77	59.99 3.24 -10.49	63.18 3.19 -12.43	67.51 3.41 -10.81	74.15 3.52 -16.50	89.86 4.60 -19.49	83.09 3.79 -23.59	78.84 3.53 -21.82	73.77 3.39 -18.20	64.14 3.30 -13.02	58.27 3.34 -6.57	53.05 2.90 -6.27
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	53.17 3.15 0.00	48.76 2.79 -0.15	48.25 2.53 -2.83	46.18 2.39 -1.82	45.84 2.31 -3.00	46.74 2.38 -4.71	53.37 2.74 -6.49	56.65 2.77 -10.55	55.61 2.88 -9.08	55.58 2.95 -8.54	55.18 3.19 -2.92	57.55 3.48 -4.43	59.80 3.38 -6.77	59.89 3.15 -10.49	63.08 3.09 -12.43	67.46 3.36 -10.81	74.09 3.46 -16.50	89.80 4.54 -19.49	83.03 3.73 -23.59	78.79 3.48 -21.82	73.77 3.39 -18.20	64.09 3.25 -13.02	58.17 3.24 -6.57	53.00 2.85 -6.27
RAVENSWOOD_GT_9 24257	53.17 3.15 0.00	48.76 2.79 -0.15	48.25 2.53 -2.83	46.18 2.39 -1.82	45.84 2.31 -3.00	46.74 2.38 -4.71	53.37 2.74 -6.49	56.65 2.77 -10.55	55.61 2.88 -9.08	55.58 2.95 -8.54	55.18 3.19 -2.92	57.55 3.48 -4.43	59.80 3.38 -6.77	59.89 3.15 -10.49	63.08 3.09 -12.43	67.46 3.36 -10.81	74.09 3.46 -16.50	89.80 4.54 -19.49	83.03 3.73 -23.59	78.79 3.48 -21.82	73.77 3.39 -18.20	64.09 3.25 -13.02	58.17 3.24 -6.57	53.00 2.85 -6.27

RAVENSWOOD___1 23533	53.47 3.45 0.00	48.98 3.02 -0.15	48.47 2.75 -2.83	46.39 2.60 -1.82	46.01 2.47 -3.00	46.94 2.58 -4.71	53.50 2.87 -6.49	56.83 2.95 -10.55	55.73 3.01 -9.08	55.80 3.18 -8.54	55.42 3.43 -2.92	57.76 3.67 -4.44	60.00 3.58 -6.77	60.13 3.37 -10.50	63.31 3.33 -12.43	67.61 3.52 -10.81	74.25 3.63 -16.50	90.00 4.74 -19.49	83.26 3.96 -23.59	78.95 3.64 -21.82	73.87 3.50 -18.20	64.33 3.49 -13.02	58.42 3.48 -6.57	53.22 3.07 -6.27
RAVENSWOOD___2 23534	53.47 3.45 0.00	48.94 2.98 -0.15	48.43 2.70 -2.83	46.39 2.60 -1.82	46.01 2.47 -3.00	46.90 2.54 -4.71	53.50 2.87 -6.49	56.83 2.95 -10.55	55.73 3.01 -9.08	55.75 3.13 -8.54	55.37 3.38 -2.92	57.71 3.62 -4.44	60.00 3.58 -6.77	60.09 3.33 -10.50	63.27 3.28 -12.43	67.61 3.52 -10.81	74.20 3.57 -16.50	90.00 4.74 -19.49	83.20 3.90 -23.59	78.95 3.64 -21.82	73.87 3.50 -18.20	64.33 3.49 -13.02	58.42 3.48 -6.57	53.18 3.03 -6.27
RAVENSWOOD___3 23535	53.22 3.20 0.00	48.76 2.79 -0.15	48.25 2.53 -2.83	46.17 2.39 -1.82	45.84 2.31 -3.00	46.74 2.38 -4.71	53.37 2.74 -6.49	56.66 2.78 -10.55	55.61 2.88 -9.08	55.58 2.95 -8.54	55.23 3.24 -2.92	57.56 3.47 -4.44	59.80 3.38 -6.77	59.90 3.15 -10.50	63.12 3.14 -12.43	67.46 3.36 -10.81	74.09 3.47 -16.50	89.79 4.53 -19.49	83.09 3.79 -23.59	78.84 3.53 -21.82	73.77 3.39 -18.20	64.09 3.25 -13.02	58.17 3.24 -6.57	53.00 2.85 -6.27
RAVENSWOOD___4 23820	53.47 3.45 0.00	48.94 2.98 -0.15	48.43 2.70 -2.83	46.34 2.56 -1.81	46.01 2.47 -3.00	46.90 2.54 -4.71	53.50 2.87 -6.49	56.78 2.90 -10.55	55.73 3.01 -9.08	55.75 3.13 -8.54	55.37 3.38 -2.92	57.71 3.62 -4.44	60.00 3.58 -6.77	60.09 3.33 -10.50	63.27 3.28 -12.43	67.61 3.52 -10.81	74.20 3.57 -16.50	90.00 4.74 -19.49	83.20 3.90 -23.59	78.95 3.64 -21.82	73.87 3.50 -18.20	64.28 3.44 -13.02	58.41 3.48 -6.57	53.18 3.03 -6.27
RCPL_TRUST___DRP 24196	53.17 3.15 0.00	48.71 2.75 -0.15	48.21 2.49 -2.83	46.17 2.39 -1.81	45.80 2.27 -3.00	46.74 2.38 -4.70	53.37 2.74 -6.49	56.65 2.77 -10.54	55.56 2.84 -9.08	55.58 2.95 -8.54	55.18 3.19 -2.92	57.55 3.48 -4.43	59.78 3.38 -6.75	59.89 3.15 -10.49	63.08 3.09 -12.43	67.40 3.30 -10.80	74.09 3.46 -16.50	89.73 4.47 -19.49	83.03 3.73 -23.58	78.78 3.48 -21.82	73.71 3.34 -18.20	64.04 3.20 -13.02	58.12 3.19 -6.57	52.96 2.81 -6.27
RED___ROCHESTER 323720	48.42 -1.60 0.00	44.41 -1.42 -0.02	41.85 -1.37 -0.34	40.93 -1.26 -0.22	39.63 -1.26 -0.36	39.03 -1.19 -0.56	43.77 -1.15 -0.78	43.42 -1.13 -1.21	43.38 -1.31 -1.04	43.65 -1.41 -0.98	47.67 -1.62 -0.22	48.24 -1.74 -0.33	48.27 -1.89 -0.50	45.13 -1.85 -0.72	46.56 -1.86 -0.86	52.39 -1.65 -0.75	53.75 -1.52 -1.13	65.00 -2.11 -1.34	55.33 -2.00 -1.62	53.59 -1.39 -1.50	52.07 -1.36 -1.25	48.04 -1.34 -1.56	47.84 -1.30 -0.79	43.67 -0.97 -0.75
REGAN___SOLAR 323812	52.37 2.35 0.00	48.27 2.24 -0.21	48.91 2.06 -3.96	46.48 1.97 -2.54	46.72 1.99 -4.20	48.26 2.02 -6.58	55.56 2.34 -9.07	60.42 2.34 -14.75	58.35 2.01 -12.70	57.53 1.50 -11.95	54.62 1.47 -4.08	57.19 1.34 -6.19	60.48 1.39 -9.45	62.41 1.48 -14.67	66.99 2.04 -17.39	71.28 2.88 -15.12	80.40 3.19 -23.08	96.98 3.95 -27.26	92.05 3.34 -32.99	87.38 3.37 -30.52	80.82 3.18 -25.46	68.85 2.82 -18.21	60.35 2.80 -9.19	54.76 2.11 -8.76
RENSSELAER___COGEN 23796	51.27 1.25 0.00	47.19 1.19 -0.19	47.47 1.07 -3.51	45.30 1.09 -2.25	45.30 1.05 -3.72	46.47 0.99 -5.82	53.23 1.06 -8.03	57.34 0.95 -13.05	55.93 1.05 -11.24	55.71 1.06 -10.57	53.91 1.23 -3.61	56.27 1.14 -5.48	59.15 1.14 -8.36	60.30 1.06 -12.98	64.08 1.14 -15.38	68.00 1.33 -13.37	75.84 1.30 -20.42	91.40 1.51 -24.12	86.13 1.22 -29.19	81.72 1.23 -27.00	75.90 1.20 -22.53	64.98 1.05 -16.11	57.61 1.11 -8.13	52.65 1.01 -7.76
REPUBLIC_115KV_BARTNBRK 55605	56.02 6.00 0.00	51.78 5.77 -0.20	51.77 5.23 -3.65	49.38 5.08 -2.34	49.50 5.11 -3.87	50.87 5.16 -6.06	58.28 5.78 -8.35	62.85 5.94 -13.58	61.53 6.20 -11.69	61.25 6.17 -11.00	59.94 7.12 -3.76	62.15 6.80 -5.70	64.75 6.40 -8.69	65.50 5.74 -13.51	69.79 6.23 -16.01	74.40 7.19 -13.91	82.84 7.47 -21.24	99.81 8.94 -25.09	93.55 7.47 -30.37	89.07 7.49 -28.09	82.86 7.25 -23.44	70.94 6.36 -16.76	63.35 6.53 -8.46	57.18 5.22 -8.07
REVERE_CPPR_DRP 24186	51.37 1.35 0.00	47.01 1.19 -0.01	44.15 1.12 -0.15	43.11 1.05 -0.09	41.66 0.97 -0.16	40.81 0.91 -0.25	45.50 1.02 -0.34	44.67 0.78 -0.55	44.90 0.79 -0.47	45.41 0.88 -0.45	50.20 0.98 -0.15	50.92 1.04 -0.23	51.19 1.19 -0.35	47.91 1.11 -0.55	49.44 1.24 -0.65	55.24 1.39 -0.57	56.51 1.52 -0.86	68.76 1.97 -1.02	58.62 1.67 -1.23	56.18 1.55 -1.14	54.64 1.51 -0.95	49.79 1.29 -0.68	49.91 1.21 -0.34	45.18 0.97 -0.33
REYNLDPA_13_KV_LD 356490	49.72 -0.30 0.00	46.08 0.28 0.00	43.27 0.39 0.00	41.97 0.00 0.00	40.61 0.08 0.00	39.30 0.00 0.00	43.84 -0.31 0.00	43.12 -0.22 0.00	43.25 -0.39 0.00	44.08 0.00 0.00	49.90 0.83 0.00	49.90 0.25 0.00	49.90 0.25 0.00	47.23 0.97 0.00	48.84 1.28 0.00	53.56 0.27 0.00	53.86 -0.27 0.00	65.18 -0.59 0.00	55.33 -0.39 0.00	53.17 -0.32 0.00	52.07 -0.10 0.00	48.11 0.29 0.00	48.75 0.39 0.00	43.93 0.04 0.00
REYNOLDS_115KV_TB3 80639	51.52 1.50 0.00	47.46 1.47 -0.19	47.74 1.33 -3.52	45.57 1.34 -2.25	45.56 1.30 -3.73	46.73 1.23 -5.84	53.53 1.32 -8.06	57.65 1.21 -13.10	56.23 1.31 -11.28	56.01 1.32 -10.61	54.22 1.52 -3.63	56.59 1.44 -5.50	59.53 1.49 -8.39	60.63 1.34 -13.03	64.43 1.43 -15.44	68.37 1.65 -13.42	76.25 1.62 -20.49	91.82 1.84 -24.21	86.51 1.50 -29.30	82.14 1.55 -27.10	76.30 1.51 -22.61	65.33 1.34 -16.17	57.88 1.35 -8.16	52.94 1.27 -7.78
RIVERBAY____ 323610	53.87 3.85 0.00	49.35 3.39 -0.15	48.85 3.13 -2.83	46.76 2.98 -1.82	46.41 2.88 -3.00	47.30 2.93 -4.71	53.90 3.27 -6.49	57.17 3.29 -10.55	56.09 3.36 -9.08	56.11 3.48 -8.54	55.77 3.78 -2.92	58.10 4.02 -4.43	60.34 3.92 -6.77	60.40 3.65 -10.49	63.61 3.61 -12.43	67.99 3.89 -10.81	74.63 4.01 -16.50	90.46 5.20 -19.49	83.65 4.35 -23.59	79.37 4.07 -21.82	74.29 3.91 -18.20	64.62 3.78 -13.02	58.80 3.87 -6.57	53.53 3.38 -6.27
RIVERSDE_115KV_TB3 55908	51.42 1.40 0.00	47.37 1.37 -0.19	47.66 1.24 -3.52	45.48 1.26 -2.26	45.48 1.22 -3.73	46.70 1.19 -5.85	53.45 1.24 -8.07	57.57 1.13 -13.11	56.16 1.22 -11.29	55.98 1.28 -10.62	54.17 1.47 -3.63	56.55 1.39 -5.51	59.44 1.39 -8.40	60.59 1.30 -13.05	64.39 1.38 -15.46	68.27 1.55 -13.44	76.21 1.57 -20.51	91.78 1.78 -24.23	86.49 1.45 -29.32	82.06 1.44 -27.13	76.26 1.46 -22.63	65.30 1.29 -16.19	57.84 1.31 -8.17	52.86 1.18 -7.79
ROARING___BROOK_WT_PWR 323790	49.67 -0.35 0.00	45.67 -0.14 0.00	42.76 -0.13 0.00	41.68 -0.29 0.00	40.21 -0.33 0.00	39.14 -0.52 0.00	43.53 -0.62 0.00	42.73 -0.61 0.00	42.99 -0.65 0.00	43.55 -0.53 0.00	48.83 -0.24 0.00	49.20 -0.45 0.00	49.20 -0.45 0.00	46.07 -0.18 0.00	47.46 -0.09 0.00	52.71 -0.59 0.00	53.26 -0.87 0.00	64.52 -1.25 0.00	54.54 -1.17 0.00	52.26 -1.23 0.00	51.03 -1.15 0.00	46.86 -0.96 0.00	47.44 -0.92 0.00	42.92 -0.97 0.00

ROCHESRG_115KV_T4 355643	47.87 -2.15 0.00	43.95 -1.88 -0.02	41.47 -1.76 -0.33	40.55 -1.64 -0.21	39.30 -1.58 -0.35	38.70 -1.51 -0.56	43.32 -1.59 -0.77	43.02 -1.52 -1.20	42.89 -1.79 -1.04	43.16 -1.90 -0.97	47.03 -2.26 -0.22	47.54 -2.43 -0.33	47.61 -2.53 -0.49	44.43 -2.50 -0.68	45.88 -2.47 -0.80	51.69 -2.34 -0.74	52.98 -2.27 -1.12	64.01 -3.09 -1.33	54.59 -2.73 -1.60	52.83 -2.14 -1.48	51.33 -2.09 -1.24	47.44 -1.91 -1.54	47.25 -1.89 -0.78	43.22 -1.40 -0.74
ROCHESTER_9_IC 23652	48.17 -1.85 0.00	44.18 -1.65 -0.02	41.73 -1.50 -0.34	40.80 -1.38 -0.22	39.51 -1.38 -0.36	38.91 -1.31 -0.56	43.60 -1.32 -0.78	43.29 -1.26 -1.21	43.21 -1.48 -1.05	43.48 -1.59 -0.98	47.43 -1.86 -0.22	47.95 -2.04 -0.33	48.02 -2.13 -0.50	44.85 -2.08 -0.68	46.26 -2.09 -0.80	52.12 -1.92 -0.75	53.42 -1.84 -1.13	64.68 -2.43 -1.34	55.05 -2.28 -1.62	53.27 -1.71 -1.50	51.76 -1.67 -1.25	47.85 -1.53 -1.56	47.65 -1.50 -0.79	43.54 -1.10 -0.75
ROCKVIEW_13_KV_LD 356306	53.12 3.10 0.00	48.71 2.75 -0.15	48.25 2.53 -2.83	46.18 2.39 -1.82	45.80 2.27 -3.00	46.74 2.38 -4.71	53.32 2.69 -6.49	56.61 2.73 -10.55	55.52 2.79 -9.08	55.49 2.87 -8.54	55.13 3.14 -2.92	57.46 3.38 -4.43	59.73 3.33 -6.75	59.85 3.10 -10.49	63.03 3.04 -12.43	67.35 3.25 -10.81	74.09 3.46 -16.50	89.73 4.47 -19.49	83.03 3.73 -23.59	78.78 3.48 -21.82	73.71 3.34 -18.20	64.04 3.20 -13.02	58.07 3.14 -6.57	52.96 2.81 -6.27
ROME____115KV_TB2 80656	51.37 1.35 0.00	47.01 1.19 -0.01	44.15 1.12 -0.15	43.11 1.05 -0.09	41.66 0.97 -0.16	40.81 0.91 -0.25	45.50 1.02 -0.34	44.67 0.78 -0.55	44.90 0.79 -0.47	45.41 0.88 -0.45	50.20 0.98 -0.15	50.92 1.04 -0.23	51.19 1.19 -0.35	47.91 1.11 -0.55	49.44 1.24 -0.65	55.24 1.39 -0.57	56.51 1.52 -0.86	68.76 1.97 -1.02	58.62 1.67 -1.23	56.18 1.55 -1.14	54.64 1.51 -0.95	49.79 1.29 -0.68	49.91 1.21 -0.34	45.18 0.97 -0.33
ROSETON___1 23587	52.42 2.40 0.00	48.02 2.06 -0.15	47.66 1.93 -2.84	45.63 1.84 -1.82	45.28 1.74 -3.00	46.15 1.79 -4.71	52.67 2.03 -6.49	55.97 2.08 -10.55	54.87 2.14 -9.09	54.79 2.16 -8.55	54.35 2.36 -2.92	56.61 2.53 -4.43	58.89 2.48 -6.76	59.06 2.31 -10.50	62.28 2.28 -12.44	66.61 2.51 -10.81	73.23 2.60 -16.51	88.62 3.35 -19.50	82.10 2.78 -23.60	77.94 2.62 -21.83	72.89 2.50 -18.21	63.24 2.39 -13.03	57.35 2.42 -6.57	52.26 2.11 -6.27
ROSETON___2 23588	52.42 2.40 0.00	48.02 2.06 -0.15	47.66 1.93 -2.84	45.63 1.84 -1.82	45.28 1.74 -3.00	46.15 1.79 -4.71	52.67 2.03 -6.49	55.97 2.08 -10.55	54.87 2.14 -9.09	54.79 2.16 -8.55	54.35 2.36 -2.92	56.61 2.53 -4.43	58.89 2.48 -6.76	59.06 2.31 -10.50	62.28 2.28 -12.44	66.61 2.51 -10.81	73.23 2.60 -16.51	88.62 3.35 -19.50	82.10 2.78 -23.60	77.94 2.62 -21.83	72.89 2.50 -18.21	63.24 2.39 -13.03	57.35 2.42 -6.57	52.26 2.11 -6.27
ROTRDAM_115KV_TB3 80664	51.62 1.60 0.00	47.52 1.51 -0.20	47.95 1.37 -3.69	45.67 1.34 -2.36	45.78 1.34 -3.91	47.09 1.31 -6.12	54.05 1.46 -8.44	58.53 1.47 -13.73	56.95 1.48 -11.82	56.65 1.45 -11.12	54.49 1.62 -3.80	57.00 1.59 -5.76	60.03 1.59 -8.79	61.39 1.48 -13.66	65.31 1.57 -16.18	69.22 1.87 -14.07	77.50 1.89 -21.48	93.37 2.24 -25.37	88.25 1.84 -30.70	83.71 1.82 -28.40	77.64 1.77 -23.69	66.39 1.63 -16.95	58.56 1.64 -8.55	53.45 1.40 -8.16
RUSSELL___1 23602	48.37 -1.65 0.00	44.31 -1.51 -0.02	41.86 -1.37 -0.34	40.93 -1.26 -0.22	39.63 -1.26 -0.36	39.03 -1.19 -0.56	43.77 -1.15 -0.78	43.42 -1.13 -1.21	43.38 -1.31 -1.04	43.65 -1.41 -0.98	47.62 -1.67 -0.22	48.19 -1.79 -0.33	48.27 -1.89 -0.50	45.08 -1.85 -0.68	46.50 -1.85 -0.80	52.44 -1.60 -0.75	53.75 -1.52 -1.13	65.07 -2.04 -1.34	55.32 -2.01 -1.62	53.59 -1.39 -1.50	52.02 -1.41 -1.25	48.09 -1.29 -1.56	47.84 -1.31 -0.79	43.67 -0.97 -0.75
RUSSELL___2 23532	48.37 -1.65 0.00	44.31 -1.51 -0.02	41.86 -1.37 -0.34	40.93 -1.26 -0.22	39.63 -1.26 -0.36	39.03 -1.19 -0.56	43.77 -1.15 -0.78	43.42 -1.13 -1.21	43.38 -1.31 -1.04	43.65 -1.41 -0.98	47.62 -1.67 -0.22	48.19 -1.79 -0.33	48.27 -1.89 -0.50	45.08 -1.85 -0.68	46.50 -1.85 -0.80	52.44 -1.60 -0.75	53.75 -1.52 -1.13	65.07 -2.04 -1.34	55.32 -2.01 -1.62	53.59 -1.39 -1.50	52.02 -1.41 -1.25	48.09 -1.29 -1.56	47.84 -1.31 -0.79	43.67 -0.97 -0.75
RUSSELL___3 23549	48.37 -1.65 0.00	44.31 -1.51 -0.02	41.86 -1.37 -0.34	40.93 -1.26 -0.22	39.63 -1.26 -0.36	39.03 -1.19 -0.56	43.77 -1.15 -0.78	43.42 -1.13 -1.21	43.38 -1.31 -1.04	43.65 -1.41 -0.98	47.62 -1.67 -0.22	48.19 -1.79 -0.33	48.27 -1.89 -0.50	45.08 -1.85 -0.68	46.50 -1.85 -0.80	52.44 -1.60 -0.75	53.75 -1.52 -1.13	65.07 -2.04 -1.34	55.32 -2.01 -1.62	53.59 -1.39 -1.50	52.02 -1.41 -1.25	48.09 -1.29 -1.56	47.84 -1.31 -0.79	43.67 -0.97 -0.75
RUSSELL___4 23556	48.37 -1.65 0.00	44.31 -1.51 -0.02	41.86 -1.37 -0.34	40.93 -1.26 -0.22	39.63 -1.26 -0.36	39.03 -1.19 -0.56	43.77 -1.15 -0.78	43.42 -1.13 -1.21	43.38 -1.31 -1.04	43.65 -1.41 -0.98	47.62 -1.67 -0.22	48.19 -1.79 -0.33	48.27 -1.89 -0.50	45.08 -1.85 -0.68	46.50 -1.85 -0.80	52.44 -1.60 -0.75	53.75 -1.52 -1.13	65.07 -2.04 -1.34	55.32 -2.01 -1.62	53.59 -1.39 -1.50	52.02 -1.41 -1.25	48.09 -1.29 -1.56	47.84 -1.31 -0.79	43.67 -0.97 -0.75
RUSSELL___STATION 23914	48.37 -1.65 0.00	44.31 -1.51 -0.02	41.86 -1.37 -0.34	40.93 -1.26 -0.22	39.63 -1.26 -0.36	39.03 -1.19 -0.56	43.77 -1.15 -0.78	43.42 -1.13 -1.21	43.38 -1.31 -1.04	43.65 -1.41 -0.98	47.62 -1.67 -0.22	48.19 -1.79 -0.33	48.27 -1.89 -0.50	45.08 -1.85 -0.68	46.50 -1.85 -0.80	52.44 -1.60 -0.75	53.75 -1.52 -1.13	65.07 -2.04 -1.34	55.32 -2.01 -1.62	53.59 -1.39 -1.50	52.02 -1.41 -1.25	48.09 -1.29 -1.56	47.84 -1.31 -0.79	43.67 -0.97 -0.75
S SALMON___HYD 24043	49.02 -1.00 0.00	44.90 -0.92 -0.01	42.24 -0.86 -0.21	41.26 -0.84 -0.14	39.95 -0.81 -0.23	39.10 -0.91 -0.35	43.53 -1.10 -0.49	42.95 -1.17 -0.79	43.06 -1.27 -0.68	43.53 -1.19 -0.64	48.01 -1.28 -0.22	48.74 -1.24 -0.33	48.92 -1.24 -0.50	45.89 -1.15 -0.79	47.35 -1.14 -0.93	52.82 -1.28 -0.81	54.12 -1.24 -1.24	65.92 -1.31 -1.46	56.42 -1.06 -1.77	54.11 -1.02 -1.64	52.60 -0.94 -1.37	47.94 -0.86 -0.98	47.93 -0.92 -0.49	43.43 -0.92 -0.47
S.PERRY__115KV_TB1 80734	49.67 -0.35 0.00	45.24 -0.60 -0.03	42.72 -0.69 -0.52	41.76 -0.55 -0.33	40.43 -0.65 -0.55	39.96 -0.56 -0.86	44.89 -0.44 -1.19	46.54 0.69 -2.51	45.63 -0.17 -2.16	44.92 -1.19 -2.03	47.11 -1.96 0.00	47.39 -2.23 0.03	47.36 -2.23 0.06	44.77 -2.27 -0.78	46.20 -2.28 -0.92	51.54 -1.97 -0.22	52.87 -1.57 -0.32	64.56 -1.58 -0.37	54.76 -1.39 -0.44	52.99 -0.91 -0.41	51.58 -0.94 -0.35	49.25 -0.96 -2.39	48.55 -1.02 -1.21	44.38 -0.66 -1.15
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	46.82 -3.20 0.00	42.76 -3.07 -0.02	40.30 -3.05 -0.46	39.37 -2.90 -0.29	38.14 -2.88 -0.49	37.64 -2.78 -0.76	42.19 -3.00 -1.05	42.11 -2.95 -1.72	41.54 -3.58 -1.48	41.59 -3.88 -1.39	44.57 -4.71 -0.21	45.09 -4.87 -0.30	45.19 -4.92 -0.45	42.26 -4.67 -0.68	43.55 -4.80 -0.80	49.08 -4.90 -0.69	50.02 -5.14 -1.04	60.55 -6.45 -1.22	51.56 -5.63 -1.48	49.88 -4.97 -1.37	48.57 -4.75 -1.14	45.72 -4.21 -2.11	45.41 -4.01 -1.06	42.05 -2.85 -1.01

SAWYER___23_KV_LOAD 55526	46.82 -3.20 0.00	42.76 -3.07 -0.02	40.30 -3.05 -0.46	39.37 -2.90 -0.29	38.14 -2.88 -0.49	37.64 -2.78 -0.76	42.19 -3.00 -1.05	42.11 -2.95 -1.72	41.54 -3.58 -1.48	41.59 -3.88 -1.39	44.57 -4.71 -0.21	45.09 -4.87 -0.30	45.19 -4.92 -0.45	42.26 -4.67 -0.68	43.55 -4.80 -0.80	49.08 -4.90 -0.69	50.02 -5.14 -1.04	60.55 -6.45 -1.22	51.56 -5.63 -1.48	49.88 -4.97 -1.37	48.57 -4.75 -1.14	45.72 -4.21 -2.11	45.41 -4.01 -1.06	42.05 -2.85 -1.01
SELKIRK___I 23801	51.57 1.55 0.00	47.42 1.42 -0.19	47.68 1.33 -3.46	45.53 1.34 -2.22	45.49 1.30 -3.66	46.67 1.27 -5.74	53.43 1.37 -7.92	57.46 1.26 -12.87	56.04 1.31 -11.08	55.79 1.28 -10.42	54.06 1.42 -3.56	56.40 1.34 -5.41	59.23 1.34 -8.24	60.31 1.25 -12.80	64.11 1.38 -15.17	68.08 1.60 -13.19	75.89 1.62 -20.14	91.47 1.91 -23.79	86.06 1.56 -28.79	81.67 1.55 -26.63	75.95 1.56 -22.22	65.10 1.39 -15.89	57.83 1.45 -8.02	52.81 1.27 -7.65
SELKIRK___II 23799	51.22 1.20 0.00	47.09 1.10 -0.19	47.40 1.03 -3.48	45.25 1.05 -2.23	45.24 1.01 -3.69	46.39 0.95 -5.78	53.13 1.02 -7.97	57.25 0.95 -12.96	55.81 1.00 -11.16	55.59 1.01 -10.50	53.79 1.13 -3.59	56.18 1.09 -5.44	59.04 1.09 -8.30	60.16 1.02 -12.89	63.93 1.09 -15.28	67.80 1.23 -13.28	75.65 1.25 -20.28	91.17 1.45 -23.95	85.93 1.22 -28.99	81.48 1.18 -26.82	75.75 1.20 -22.37	64.87 1.05 -16.00	57.55 1.11 -8.08	52.55 0.96 -7.70
SENECA OSWGO___HYD 24041	48.37 -1.65 0.00	44.31 -1.51 -0.01	41.71 -1.41 -0.24	40.77 -1.34 -0.15	39.48 -1.30 -0.25	38.78 -1.27 -0.39	43.27 -1.41 -0.54	42.82 -1.39 -0.87	43.00 -1.40 -0.75	43.34 -1.45 -0.71	47.74 -1.57 -0.24	48.43 -1.59 -0.37	48.67 -1.54 -0.56	45.60 -1.53 -0.87	47.02 -1.57 -1.03	52.54 -1.65 -0.90	53.88 -1.62 -1.37	65.42 -1.97 -1.62	56.06 -1.62 -1.96	53.75 -1.55 -1.81	52.12 -1.56 -1.51	47.42 -1.48 -1.08	47.36 -1.55 -0.55	43.05 -1.36 -0.52
SENECA___115KV_TB3 355854	47.37 -2.65 0.00	42.77 -3.07 -0.03	40.37 -3.00 -0.48	39.42 -2.86 -0.31	38.17 -2.88 -0.51	37.72 -2.74 -0.80	42.29 -2.96 -1.11	42.20 -2.95 -1.81	41.67 -3.53 -1.56	41.71 -3.84 -1.47	44.61 -4.66 -0.20	45.28 -4.67 -0.30	45.38 -4.72 -0.45	42.47 -4.44 -0.66	43.77 -4.57 -0.78	49.12 -4.85 -0.68	50.07 -5.09 -1.03	60.67 -6.31 -1.21	51.77 -5.40 -1.46	49.92 -4.92 -1.36	48.61 -4.70 -1.13	45.78 -4.26 -2.21	45.42 -4.06 -1.12	42.01 -2.94 -1.07
SENECA___ENERGY 23797	48.72 -1.30 0.00	44.59 -1.23 -0.02	42.03 -1.20 -0.34	41.09 -1.09 -0.22	39.84 -1.05 -0.36	39.23 -0.99 -0.57	43.91 -1.01 -0.78	43.60 -0.99 -1.26	43.64 -1.09 -1.08	43.91 -1.19 -1.02	48.16 -1.32 -0.42	48.95 -1.34 -0.63	49.28 -1.34 -0.97	46.43 -1.34 -1.52	47.98 -1.38 -1.80	53.52 -1.33 -1.56	55.33 -1.19 -2.39	67.15 -1.45 -2.82	57.85 -1.28 -3.42	55.58 -1.07 -3.16	53.66 -1.15 -2.64	48.29 -1.10 -1.56	47.99 -1.16 -0.79	43.67 -0.97 -0.75
SHOEMAKER___GT 23640	52.27 2.25 0.00	47.87 1.92 -0.14	47.29 1.80 -2.60	45.35 1.72 -1.66	44.90 1.62 -2.75	45.63 1.67 -4.31	52.03 1.94 -5.94	54.90 1.90 -9.66	53.88 1.92 -8.32	53.84 1.94 -7.82	53.80 2.06 -2.67	55.94 2.24 -4.06	58.02 2.18 -6.19	57.90 2.03 -9.61	60.99 2.04 -11.38	65.43 2.24 -9.90	71.68 2.44 -15.11	86.84 3.22 -17.85	79.99 2.67 -21.60	75.99 2.51 -19.99	71.25 2.40 -16.67	61.99 2.25 -11.93	56.60 2.23 -6.02	51.60 1.98 -5.74
SHOEMAKR_138KV_BK 111 55601	52.17 2.15 0.00	47.87 1.92 -0.14	47.23 1.76 -2.58	45.34 1.72 -1.65	44.88 1.62 -2.73	45.60 1.67 -4.28	51.95 1.90 -5.90	54.84 1.91 -9.60	53.83 1.92 -8.26	53.79 1.94 -7.77	53.84 2.11 -2.66	55.91 2.23 -4.03	58.03 2.23 -6.14	57.88 2.08 -9.55	60.96 2.09 -11.31	65.36 2.24 -9.83	71.52 2.38 -15.01	86.66 3.16 -17.73	79.79 2.62 -21.46	75.80 2.46 -19.85	71.08 2.35 -16.56	61.91 2.25 -11.85	56.56 2.22 -5.98	51.56 1.97 -5.70
SHOREHAM_IC_1 23715	54.88 4.55 -0.31	50.40 4.03 -0.56	49.88 3.73 -3.26	47.96 3.65 -2.34	47.60 3.52 -3.54	48.51 3.65 -5.21	55.13 4.20 -6.79	58.08 4.16 -10.58	57.01 4.19 -9.17	56.67 4.05 -8.54	56.46 4.37 -3.03	58.61 4.52 -4.44	60.79 4.37 -6.77	60.88 4.12 -10.52	64.03 4.04 -12.44	68.29 4.00 -11.00	77.49 4.38 -18.98	92.34 5.46 -21.11	85.34 4.68 -24.95	81.08 3.85 -23.74	75.31 3.55 -19.59	65.89 3.54 -14.53	59.45 3.97 -7.12	54.16 3.51 -6.76
SHOREHAM_IC_2 23716	54.78 4.45 -0.31	50.40 4.03 -0.56	49.88 3.73 -3.26	47.96 3.65 -2.34	47.60 3.53 -3.54	48.51 3.65 -5.21	55.13 4.19 -6.79	58.08 4.16 -10.58	57.01 4.19 -9.17	56.63 4.01 -8.54	56.46 4.37 -3.03	58.61 4.52 -4.44	60.78 4.37 -6.77	60.89 4.12 -10.52	63.99 3.99 -12.44	68.18 3.89 -11.00	77.49 4.38 -18.98	92.34 5.46 -21.11	85.29 4.62 -24.95	81.08 3.85 -23.74	75.31 3.55 -19.59	66.03 3.68 -14.53	59.45 3.97 -7.12	54.16 3.51 -6.76
SISSONVILLE____ 23735	50.42 0.40 0.00	46.18 0.37 0.00	43.33 0.39 -0.05	42.04 0.04 -0.04	40.67 0.08 -0.06	39.27 -0.48 -0.09	43.48 -0.79 -0.13	42.67 -0.87 -0.20	42.86 -0.96 -0.17	43.58 -0.66 -0.16	49.47 0.34 -0.06	49.44 -0.30 -0.09	49.48 -0.30 -0.13	46.83 0.37 -0.20	48.46 0.67 -0.24	53.13 -0.37 -0.21	53.47 -0.97 -0.32	64.63 -1.51 -0.38	55.05 -1.11 -0.46	52.84 -1.07 -0.42	51.95 -0.57 -0.35	48.02 -0.05 -0.25	48.78 0.29 -0.13	44.05 0.04 -0.12
SITHE_IND_GS1 24169	47.97 -2.05 0.00	43.94 -1.88 -0.01	41.32 -1.76 -0.19	40.41 -1.68 -0.12	39.11 -1.62 -0.20	38.43 -1.55 -0.32	42.81 -1.77 -0.44	42.35 -1.69 -0.71	42.51 -1.75 -0.61	42.85 -1.81 -0.57	47.25 -2.01 -0.20	47.91 -2.04 -0.30	48.07 -2.04 -0.45	45.02 -1.94 -0.71	46.40 -2.00 -0.84	51.83 -2.19 -0.73	53.07 -2.17 -1.11	64.45 -2.63 -1.31	55.07 -2.23 -1.59	52.87 -2.09 -1.47	51.31 -2.09 -1.23	46.78 -1.91 -0.88	46.87 -1.94 -0.44	42.59 -1.71 -0.42
SITHE_IND_GS2 24170	47.97 -2.05 0.00	43.94 -1.88 -0.01	41.32 -1.76 -0.19	40.41 -1.68 -0.12	39.11 -1.62 -0.20	38.43 -1.55 -0.32	42.81 -1.77 -0.44	42.35 -1.69 -0.71	42.51 -1.75 -0.61	42.85 -1.81 -0.57	47.25 -2.01 -0.20	47.91 -2.04 -0.30	48.07 -2.04 -0.45	45.02 -1.94 -0.71	46.40 -2.00 -0.84	51.83 -2.19 -0.73	53.07 -2.17 -1.11	64.45 -2.63 -1.31	55.07 -2.23 -1.59	52.87 -2.09 -1.47	51.31 -2.09 -1.23	46.78 -1.91 -0.88	46.87 -1.94 -0.44	42.59 -1.71 -0.42
SITHE_IND_GS3 24171	47.97 -2.05 0.00	43.94 -1.88 -0.01	41.32 -1.76 -0.19	40.41 -1.68 -0.12	39.11 -1.62 -0.20	38.43 -1.55 -0.32	42.81 -1.77 -0.44	42.35 -1.69 -0.71	42.51 -1.75 -0.61	42.85 -1.81 -0.57	47.25 -2.01 -0.20	47.91 -2.04 -0.30	48.07 -2.04 -0.45	45.02 -1.94 -0.71	46.40 -2.00 -0.84	51.83 -2.19 -0.73	53.07 -2.17 -1.11	64.45 -2.63 -1.31	55.07 -2.23 -1.59	52.87 -2.09 -1.47	51.31 -2.09 -1.23	46.78 -1.91 -0.88	46.87 -1.94 -0.44	42.59 -1.71 -0.42
SITHE_IND_GS4 24172	47.97 -2.05 0.00	43.94 -1.88 -0.01	41.32 -1.76 -0.19	40.41 -1.68 -0.12	39.11 -1.62 -0.20	38.43 -1.55 -0.32	42.81 -1.77 -0.44	42.35 -1.69 -0.71	42.51 -1.75 -0.61	42.85 -1.81 -0.57	47.25 -2.01 -0.20	47.91 -2.04 -0.30	48.07 -2.04 -0.45	45.02 -1.94 -0.71	46.40 -2.00 -0.84	51.83 -2.19 -0.73	53.07 -2.17 -1.11	64.45 -2.63 -1.31	55.07 -2.23 -1.59	52.87 -2.09 -1.47	51.31 -2.09 -1.23	46.78 -1.91 -0.88	46.87 -1.94 -0.44	42.59 -1.71 -0.42

SITHE___BATAVIA 24024	48.17 -1.85 0.00	43.72 -2.11 -0.02	41.23 -2.06 -0.40	40.34 -1.89 -0.26	39.05 -1.90 -0.42	38.50 -1.82 -0.66	43.25 -1.81 -0.92	42.99 -1.82 -1.47	42.59 -2.31 -1.26	42.67 -2.60 -1.19	46.19 -3.09 -0.21	46.69 -3.28 -0.32	46.65 -3.48 -0.48	43.62 -3.33 -0.70	45.01 -3.38 -0.82	50.81 -3.20 -0.72	52.08 -3.14 -1.09	63.04 -4.01 -1.29	53.70 -3.57 -1.56	52.14 -2.78 -1.44	50.66 -2.72 -1.20	47.12 -2.54 -1.83	46.92 -2.37 -0.93	43.10 -1.67 -0.88
SITHE___INDEPEND 23800	47.97 -2.05 0.00	43.94 -1.88 -0.01	41.32 -1.76 -0.19	40.41 -1.68 -0.12	39.11 -1.62 -0.20	38.43 -1.55 -0.32	42.82 -1.77 -0.44	42.35 -1.69 -0.71	42.51 -1.75 -0.61	42.85 -1.81 -0.57	47.25 -2.01 -0.20	47.91 -2.04 -0.30	48.07 -2.04 -0.45	45.02 -1.94 -0.70	46.39 -2.00 -0.83	51.89 -2.13 -0.73	53.07 -2.17 -1.11	64.45 -2.63 -1.31	55.13 -2.17 -1.59	52.87 -2.09 -1.47	51.31 -2.09 -1.23	46.78 -1.91 -0.88	46.87 -1.93 -0.44	42.60 -1.71 -0.42
SITHE___MASSENA 23902	49.92 -0.10 0.00	46.27 0.46 0.00	43.41 0.52 0.00	42.14 0.17 0.00	40.73 0.20 0.00	39.42 -0.24 0.00	43.92 -0.22 0.00	43.16 -0.17 0.00	43.29 -0.35 0.00	44.08 0.00 0.00	49.95 0.88 0.00	49.95 0.30 0.00	49.95 0.30 0.00	47.27 1.02 0.00	48.89 1.33 0.00	53.61 0.32 0.00	53.91 -0.22 0.00	65.31 -0.46 0.00	55.44 -0.28 0.00	53.22 -0.27 0.00	52.17 0.00 0.00	48.25 0.43 0.00	48.89 0.53 0.00	44.11 0.22 0.00
SITHE___OGDNSBRG 24021	51.32 1.30 0.00	46.96 1.15 0.00	44.09 1.16 -0.05	42.75 0.76 -0.03	41.35 0.77 -0.05	40.01 0.28 -0.08	44.47 0.22 -0.11	43.55 0.04 -0.18	43.62 -0.17 -0.15	44.27 0.04 -0.14	50.15 1.03 -0.05	50.17 0.45 -0.07	50.16 0.40 -0.11	47.49 1.06 -0.17	49.24 1.47 -0.21	54.00 0.53 -0.18	54.57 0.16 -0.28	66.36 0.26 -0.33	56.61 0.50 -0.39	54.33 0.48 -0.36	53.31 0.83 -0.30	49.18 1.15 -0.22	49.78 1.31 -0.11	44.82 0.83 -0.10
SITHE___STERLING 23777	50.97 0.95 0.00	46.64 0.83 -0.01	43.84 0.77 -0.17	42.84 0.76 -0.11	41.40 0.69 -0.18	40.62 0.67 -0.29	45.29 0.75 -0.40	44.59 0.61 -0.65	44.81 0.61 -0.56	45.27 0.66 -0.52	49.94 0.69 -0.18	50.67 0.75 -0.27	50.91 0.84 -0.41	47.68 0.79 -0.64	49.22 0.90 -0.76	54.96 1.01 -0.66	56.28 1.14 -1.01	68.48 1.51 -1.20	58.38 1.22 -1.45	55.95 1.13 -1.34	54.39 1.10 -1.12	49.52 0.91 -0.80	49.64 0.87 -0.40	44.97 0.70 -0.38
SLEIGHT__34_KV_TB1 80719	48.17 -1.85 0.00	44.13 -1.69 -0.02	41.67 -1.54 -0.32	40.75 -1.43 -0.21	39.46 -1.42 -0.34	38.84 -1.35 -0.54	43.52 -1.37 -0.74	43.22 -1.30 -1.18	43.22 -1.44 -1.02	43.50 -1.54 -0.96	47.68 -1.72 -0.33	48.36 -1.79 -0.50	48.57 -1.84 -0.76	45.58 -1.85 -1.18	47.10 -1.85 -1.39	52.77 -1.76 -1.23	54.33 -1.68 -1.88	65.82 -2.17 -2.22	56.40 -2.01 -2.69	54.37 -1.60 -2.49	52.63 -1.62 -2.08	47.78 -1.53 -1.49	47.56 -1.55 -0.75	43.33 -1.27 -0.72
SMITHTWN_69_KV_BK 1 55830	54.56 4.20 -0.33	50.16 3.76 -0.59	49.62 3.43 -3.30	47.67 3.32 -2.38	47.32 3.20 -3.59	48.20 3.29 -5.25	54.75 3.80 -6.81	57.73 3.81 -10.59	56.66 3.84 -9.18	56.41 3.79 -8.54	56.23 4.12 -3.03	58.41 4.32 -4.44	60.59 4.17 -6.77	60.71 3.93 -10.52	63.75 3.76 -12.44	68.15 3.84 -11.02	77.32 4.01 -19.19	91.83 4.80 -21.25	84.96 4.18 -25.07	81.24 3.85 -23.91	75.48 3.60 -19.71	66.16 3.68 -14.66	59.54 4.01 -7.17	54.28 3.60 -6.80
SOUTH CAIRO___GT 23612	52.82 2.80 0.00	48.60 2.61 -0.18	48.32 2.06 -3.37	46.18 2.06 -2.16	46.00 1.90 -3.57	47.11 1.86 -5.59	54.02 2.16 -7.71	57.90 2.04 -12.53	56.44 2.01 -10.79	55.95 1.72 -10.15	54.30 1.77 -3.47	56.55 1.64 -5.26	59.31 1.64 -8.02	60.25 1.53 -12.47	64.18 1.85 -14.77	68.53 2.40 -12.84	76.60 2.87 -19.60	92.61 3.68 -23.16	86.80 3.06 -28.02	82.46 3.05 -25.93	76.67 2.87 -21.63	65.73 2.44 -15.47	58.59 2.42 -7.81	53.31 1.97 -7.45
SOUTH HAMPTN___IC 23720	55.17 4.85 -0.30	50.71 4.35 -0.55	50.22 4.08 -3.25	48.32 4.03 -2.33	47.99 3.93 -3.53	48.90 4.05 -5.19	55.60 4.68 -6.78	58.56 4.64 -10.58	57.53 4.71 -9.17	57.16 4.54 -8.54	57.00 4.91 -3.02	59.16 5.07 -4.44	61.28 4.87 -6.77	61.30 4.54 -10.51	64.46 4.47 -12.44	68.76 4.48 -11.00	77.91 4.87 -18.91	92.83 5.98 -21.07	85.65 5.02 -24.92	81.40 4.22 -23.69	75.59 3.86 -19.55	66.09 3.78 -14.49	59.63 4.16 -7.11	54.41 3.77 -6.75
SOUTHDOW_115KV_TB1 355954	48.17 -1.85 0.00	43.55 -2.29 -0.03	40.71 -2.70 -0.53	39.66 -2.64 -0.34	38.41 -2.68 -0.56	37.87 -2.66 -0.88	42.39 -2.96 -1.21	42.46 -2.86 -1.99	41.91 -3.45 -1.71	41.86 -3.84 -1.61	44.41 -4.86 -0.20	45.12 -4.82 -0.28	45.26 -4.82 -0.42	42.32 -4.58 -0.64	43.47 -4.85 -0.76	48.60 -5.33 -0.63	49.67 -5.41 -0.96	61.64 -5.26 -1.13	51.61 -5.46 -1.36	49.61 -5.13 -1.26	48.32 -4.90 -1.05	45.79 -4.45 -2.42	45.33 -4.26 -1.22	41.93 -3.12 -1.17
SOUTHOLD_69_KV_BK 2 55809	55.47 5.15 -0.30	51.12 4.76 -0.55	50.69 4.55 -3.25	48.87 4.57 -2.33	48.56 4.50 -3.53	49.53 4.68 -5.19	56.31 5.39 -6.78	59.25 5.33 -10.58	58.27 5.46 -9.17	57.82 5.20 -8.54	57.79 5.69 -3.02	59.80 5.71 -4.44	61.93 5.51 -6.77	61.81 5.04 -10.52	64.94 4.95 -12.44	69.24 4.96 -11.00	78.51 5.47 -18.92	93.42 6.58 -21.07	86.09 5.46 -24.92	81.68 4.49 -23.69	75.75 4.02 -19.56	66.33 4.02 -14.49	59.72 4.26 -7.11	54.58 3.95 -6.75
SOUTHOLD___IC 23719	55.57 5.25 -0.30	51.12 4.76 -0.55	50.68 4.54 -3.25	48.87 4.58 -2.33	48.56 4.50 -3.53	49.53 4.68 -5.19	56.31 5.38 -6.78	59.25 5.33 -10.58	58.27 5.45 -9.17	57.82 5.20 -8.54	57.78 5.69 -3.02	59.85 5.76 -4.44	61.93 5.51 -6.77	61.81 5.04 -10.51	64.94 4.95 -12.44	69.35 5.07 -11.00	78.51 5.46 -18.92	93.42 6.58 -21.07	86.09 5.46 -24.92	81.68 4.49 -23.69	75.75 4.02 -19.56	66.23 3.92 -14.49	59.72 4.26 -7.11	54.58 3.95 -6.75
SOUTH_FORK_WT_PWR 323839	55.32 5.00 -0.30	50.98 4.62 -0.55	50.64 4.50 -3.25	48.87 4.58 -2.33	48.60 4.54 -3.53	49.57 4.72 -5.19	56.40 5.47 -6.78	59.33 5.42 -10.58	58.36 5.54 -9.17	57.91 5.29 -8.54	57.88 5.79 -3.02	59.85 5.76 -4.44	61.93 5.51 -6.77	61.77 5.00 -10.51	64.85 4.85 -12.44	69.19 4.90 -11.00	78.29 5.25 -18.91	93.02 6.18 -21.07	85.70 5.07 -24.92	81.24 4.06 -23.69	75.28 3.55 -19.55	65.80 3.49 -14.49	59.29 3.82 -7.11	54.23 3.60 -6.75
SPIERFLS_115KV_TB 1 80737	53.42 3.40 0.00	49.30 3.30 -0.20	49.55 3.00 -3.65	47.25 2.94 -2.34	47.32 2.92 -3.87	48.62 2.89 -6.07	55.77 3.27 -8.36	60.26 3.34 -13.59	58.88 3.54 -11.70	58.66 3.57 -11.01	56.95 4.12 -3.76	59.33 3.97 -5.71	62.13 3.77 -8.70	63.11 3.33 -13.52	67.20 3.61 -16.02	71.43 4.21 -13.93	79.62 4.22 -21.27	95.89 5.00 -25.12	90.24 4.12 -30.40	85.68 4.07 -28.13	79.70 4.07 -23.46	68.19 3.59 -16.78	60.55 3.72 -8.47	54.99 3.03 -8.08
ST LAWRENCE____ 23600	49.27 -0.75 0.00	45.67 -0.14 0.00	42.85 -0.04 0.00	41.59 -0.38 0.00	40.25 -0.28 0.00	38.98 -0.67 0.00	43.44 -0.71 0.00	42.73 -0.61 0.00	42.86 -0.78 0.00	43.64 -0.44 0.00	49.32 0.25 0.00	49.40 -0.25 0.00	49.40 -0.25 0.00	46.67 0.42 0.00	48.22 0.67 0.00	53.03 -0.27 0.00	53.37 -0.76 0.00	64.65 -1.12 0.00	54.88 -0.83 0.00	52.69 -0.80 0.00	51.55 -0.62 0.00	47.58 -0.24 0.00	48.22 -0.14 0.00	43.49 -0.40 0.00

STATE_CA_115KV_115_LB 55624	51.52 1.50 0.00	47.46 1.47 -0.19	47.74 1.33 -3.52	45.57 1.34 -2.26	45.56 1.30 -3.73	46.78 1.27 -5.85	53.54 1.32 -8.07	57.66 1.21 -13.11	56.29 1.35 -11.29	56.07 1.37 -10.62	54.32 1.62 -3.63	56.74 1.59 -5.51	59.58 1.54 -8.40	60.73 1.43 -13.05	64.54 1.52 -15.46	68.49 1.76 -13.44	76.37 1.73 -20.51	91.97 1.97 -24.23	86.65 1.62 -29.32	82.22 1.60 -27.13	76.37 1.57 -22.63	65.39 1.39 -16.19	57.98 1.45 -8.17	52.90 1.23 -7.79
STATE_ST_34_KV_LOAD 55959	49.27 -0.75 0.00	45.09 -0.73 -0.02	42.52 -0.73 -0.36	41.57 -0.63 -0.23	40.27 -0.65 -0.39	39.66 -0.59 -0.60	44.40 -0.57 -0.83	44.12 -0.56 -1.35	44.19 -0.61 -1.16	44.47 -0.71 -1.09	48.75 -0.83 -0.51	49.69 -0.74 -0.78	50.10 -0.74 -1.20	47.40 -0.74 -1.89	49.03 -0.76 -2.23	54.54 -0.69 -1.95	56.56 -0.54 -2.98	68.76 -0.53 -3.52	59.53 -0.45 -4.26	57.05 -0.37 -3.94	54.99 -0.47 -3.28	48.96 -0.53 -1.67	48.58 -0.63 -0.84	44.16 -0.53 -0.80
STATION_5_MISC_HYD 23604	48.22 -1.80 0.00	44.27 -1.56 -0.02	41.73 -1.50 -0.34	40.80 -1.38 -0.22	39.51 -1.38 -0.36	38.91 -1.31 -0.56	43.60 -1.32 -0.78	43.25 -1.30 -1.21	43.20 -1.48 -1.05	43.48 -1.59 -0.98	47.43 -1.86 -0.22	47.99 -1.99 -0.33	48.02 -2.13 -0.50	44.85 -2.13 -0.72	46.27 -2.14 -0.86	52.12 -1.92 -0.75	53.42 -1.84 -1.13	64.61 -2.50 -1.34	55.04 -2.29 -1.62	53.27 -1.71 -1.50	51.75 -1.67 -1.25	47.85 -1.53 -1.56	47.65 -1.50 -0.79	43.54 -1.10 -0.75
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	48.37 -1.65 0.00	44.31 -1.51 -0.02	41.79 -1.42 -0.32	40.87 -1.30 -0.21	39.57 -1.30 -0.34	39.00 -1.19 -0.53	43.69 -1.19 -0.73	43.33 -1.17 -1.16	43.38 -1.27 -1.00	43.66 -1.37 -0.94	47.76 -1.57 -0.26	48.41 -1.64 -0.40	48.51 -1.74 -0.60	45.42 -1.71 -0.88	46.88 -1.71 -1.04	52.62 -1.60 -0.93	54.03 -1.52 -1.42	65.47 -1.97 -1.67	55.90 -1.84 -2.03	53.92 -1.44 -1.88	52.28 -1.46 -1.56	47.91 -1.39 -1.47	47.70 -1.40 -0.74	43.50 -1.10 -0.71
STA_56_34_KV_BUS2_REV_LBMP_B 345033	47.87 -2.15 0.00	43.90 -1.92 -0.02	41.46 -1.76 -0.33	40.54 -1.64 -0.21	39.26 -1.62 -0.35	38.70 -1.51 -0.55	43.31 -1.59 -0.75	43.00 -1.52 -1.19	42.96 -1.70 -1.02	43.23 -1.81 -0.96	47.14 -2.16 -0.23	47.71 -2.28 -0.34	47.78 -2.38 -0.51	44.65 -2.31 -0.71	46.07 -2.33 -0.84	51.88 -2.18 -0.77	53.19 -2.11 -1.18	64.33 -2.83 -1.39	54.78 -2.62 -1.68	53.01 -2.03 -1.56	51.49 -1.98 -1.30	47.52 -1.82 -1.51	47.29 -1.84 -0.76	43.21 -1.40 -0.73
STA_56___34_KV_BUS2 355983	47.87 -2.15 0.00	43.90 -1.92 -0.02	41.46 -1.76 -0.33	40.54 -1.64 -0.21	39.26 -1.62 -0.35	38.70 -1.51 -0.55	43.31 -1.59 -0.75	43.00 -1.52 -1.19	42.96 -1.70 -1.02	43.23 -1.81 -0.96	47.14 -2.16 -0.23	47.71 -2.28 -0.34	47.78 -2.38 -0.51	44.65 -2.31 -0.71	46.07 -2.33 -0.84	51.88 -2.18 -0.77	53.19 -2.11 -1.18	64.33 -2.83 -1.39	54.78 -2.62 -1.68	53.01 -2.03 -1.56	51.49 -1.98 -1.30	47.52 -1.82 -1.51	47.29 -1.84 -0.76	43.21 -1.40 -0.73
STA_67___115KV_BK2 355882	48.12 -1.90 0.00	44.13 -1.69 -0.02	41.68 -1.54 -0.34	40.76 -1.43 -0.22	39.47 -1.42 -0.36	38.87 -1.35 -0.56	43.55 -1.37 -0.78	43.20 -1.34 -1.21	43.12 -1.57 -1.04	43.39 -1.68 -0.98	47.28 -2.01 -0.22	47.85 -2.13 -0.33	47.92 -2.23 -0.50	44.71 -2.22 -0.68	46.12 -2.24 -0.80	52.01 -2.03 -0.75	53.31 -1.95 -1.13	64.48 -2.63 -1.34	54.94 -2.40 -1.62	53.17 -1.82 -1.50	51.65 -1.77 -1.25	47.75 -1.63 -1.56	47.55 -1.60 -0.79	43.45 -1.18 -0.75
STA_7___115KV_9TRANS 80674	48.37 -1.65 0.00	44.31 -1.51 -0.02	41.86 -1.37 -0.34	40.93 -1.26 -0.22	39.63 -1.26 -0.36	39.03 -1.19 -0.56	43.77 -1.15 -0.78	43.42 -1.13 -1.21	43.38 -1.31 -1.04	43.65 -1.41 -0.98	47.62 -1.67 -0.22	48.19 -1.79 -0.33	48.27 -1.89 -0.50	45.08 -1.85 -0.68	46.50 -1.85 -0.80	52.44 -1.60 -0.75	53.75 -1.52 -1.13	65.07 -2.04 -1.34	55.32 -2.01 -1.62	53.59 -1.39 -1.50	52.02 -1.41 -1.25	48.09 -1.29 -1.56	47.84 -1.31 -0.79	43.67 -0.97 -0.75
STA_82___115KV_TB1 80780	48.07 -1.95 0.00	44.09 -1.74 -0.02	41.64 -1.59 -0.34	40.72 -1.47 -0.22	39.43 -1.46 -0.36	38.87 -1.35 -0.56	43.51 -1.41 -0.78	43.21 -1.34 -1.22	43.12 -1.57 -1.05	43.35 -1.72 -0.98	47.28 -2.01 -0.22	47.80 -2.18 -0.33	47.87 -2.28 -0.50	44.71 -2.22 -0.68	46.12 -2.24 -0.80	52.01 -2.03 -0.75	53.26 -2.00 -1.14	64.42 -2.70 -1.34	54.88 -2.45 -1.62	53.12 -1.87 -1.50	51.60 -1.83 -1.25	47.71 -1.67 -1.56	47.51 -1.64 -0.79	43.41 -1.23 -0.75
STEEL___WIND 323596	47.32 -2.70 0.00	42.72 -3.12 -0.03	40.33 -3.04 -0.48	39.38 -2.90 -0.31	38.12 -2.92 -0.51	37.64 -2.81 -0.80	42.20 -3.05 -1.11	42.16 -2.99 -1.81	41.62 -3.58 -1.56	41.62 -3.92 -1.47	44.52 -4.76 -0.20	45.18 -4.77 -0.30	45.29 -4.82 -0.45	42.38 -4.53 -0.66	43.68 -4.66 -0.78	49.02 -4.95 -0.68	50.01 -5.14 -1.03	60.60 -6.38 -1.21	51.72 -5.46 -1.46	49.81 -5.03 -1.36	48.51 -4.80 -1.13	45.68 -4.35 -2.21	45.37 -4.11 -1.12	41.97 -2.99 -1.07
STEPHTWN_115KV_BK_2 55603	51.77 1.75 0.00	47.69 1.69 -0.19	47.90 1.50 -3.51	45.72 1.51 -2.25	45.75 1.50 -3.72	46.91 1.43 -5.82	53.72 1.55 -8.03	57.90 1.52 -13.05	56.54 1.66 -11.24	56.33 1.68 -10.57	54.60 1.91 -3.61	56.97 1.84 -5.48	59.79 1.79 -8.36	60.91 1.67 -12.99	64.70 1.76 -15.39	68.69 2.03 -13.37	76.60 2.06 -20.42	92.26 2.37 -24.12	86.85 1.95 -29.19	82.47 1.98 -27.00	76.58 1.88 -22.53	65.61 1.67 -16.11	58.23 1.74 -8.13	53.09 1.45 -7.76
STEBEN_REC_LFGE 323667	48.77 -1.25 0.00	44.15 -1.69 -0.04	41.64 -1.93 -0.68	40.52 -1.89 -0.44	39.31 -1.95 -0.73	38.85 -1.94 -1.14	43.59 -2.12 -1.57	43.91 -2.08 -2.66	43.23 -2.71 -2.29	42.93 -3.31 -2.15	44.66 -4.12 0.29	44.85 -4.32 0.48	44.53 -4.37 0.76	40.76 -4.30 1.19	41.62 -4.52 1.42	47.11 -4.85 1.34	47.45 -4.60 2.08	57.84 -5.46 2.47	48.15 -4.57 3.00	46.34 -4.39 2.76	45.55 -4.33 2.29	46.85 -4.11 -3.14	45.84 -4.11 -1.59	42.15 -3.25 -1.51
STILLWATER___SOLAR 323814	52.77 2.75 0.00	48.61 2.61 -0.20	48.93 2.40 -3.64	46.64 2.35 -2.33	46.69 2.31 -3.85	47.99 2.30 -6.04	55.03 2.56 -8.32	59.46 2.60 -13.53	58.00 2.71 -11.65	57.73 2.69 -10.95	55.91 3.09 -3.74	58.21 2.88 -5.68	61.19 2.88 -8.66	62.30 2.59 -13.46	66.35 2.85 -15.94	70.46 3.31 -13.86	78.65 3.36 -21.16	94.65 3.88 -25.00	89.20 3.23 -30.25	84.68 3.21 -27.99	78.65 3.13 -23.35	67.29 2.77 -16.70	59.64 2.85 -8.43	54.33 2.41 -8.04
STONY___BROOK 24151	54.55 4.20 -0.32	50.09 3.71 -0.58	49.60 3.43 -3.28	47.65 3.31 -2.37	47.30 3.20 -3.57	48.18 3.29 -5.23	54.70 3.75 -6.80	57.69 3.77 -10.59	56.66 3.84 -9.18	56.41 3.79 -8.54	56.17 4.07 -3.03	58.36 4.27 -4.44	60.59 4.17 -6.77	60.66 3.89 -10.52	63.75 3.76 -12.44	68.09 3.78 -11.01	77.13 3.90 -19.11	91.50 4.53 -21.20	84.75 4.01 -25.02	81.02 3.69 -23.84	75.33 3.50 -19.66	65.96 3.54 -14.61	59.48 3.97 -7.15	54.18 3.51 -6.78
STURGEON_POOL_HYD 23609	52.57 2.55 0.00	48.21 2.24 -0.16	47.74 1.93 -2.92	45.69 1.85 -1.87	45.33 1.70 -3.10	46.26 1.74 -4.85	52.91 2.07 -6.69	56.25 2.04 -10.88	55.11 2.09 -9.37	55.05 2.16 -8.81	54.39 2.31 -3.01	56.70 2.48 -4.57	59.10 2.48 -6.97	59.39 2.31 -10.83	62.67 2.28 -12.83	66.95 2.50 -11.15	73.86 2.71 -17.02	89.43 3.55 -20.11	83.00 2.95 -24.33	78.78 2.78 -22.51	73.56 2.61 -18.78	63.74 2.49 -13.43	57.61 2.47 -6.78	52.50 2.15 -6.47

ST_LAW_115_BK7_LBMP 345037	49.27 -0.75 0.00	45.67 -0.14 0.00	42.85 -0.04 0.00	41.63 -0.34 0.00	40.25 -0.28 0.00	38.98 -0.67 0.00	43.44 -0.71 0.00	42.73 -0.61 0.00	42.86 -0.78 0.00	43.64 -0.44 0.00	49.37 0.30 0.00	49.40 -0.25 0.00	49.40 -0.25 0.00	46.72 0.46 0.00	48.27 0.71 0.00	53.03 -0.27 0.00	53.37 -0.76 0.00	64.65 -1.12 0.00	54.88 -0.83 0.00	52.63 -0.86 0.00	51.60 -0.57 0.00	47.63 -0.19 0.00	48.22 -0.14 0.00	43.49 -0.40 0.00
ST_LAW_115_BK8_LBMP 345038	49.27 -0.75 0.00	45.67 -0.14 0.00	42.85 -0.04 0.00	41.63 -0.34 0.00	40.25 -0.28 0.00	38.98 -0.67 0.00	43.44 -0.71 0.00	42.73 -0.61 0.00	42.86 -0.78 0.00	43.64 -0.44 0.00	49.37 0.30 0.00	49.40 -0.25 0.00	49.40 -0.25 0.00	46.72 0.46 0.00	48.27 0.71 0.00	53.03 -0.27 0.00	53.37 -0.76 0.00	64.65 -1.12 0.00	54.88 -0.83 0.00	52.63 -0.86 0.00	51.60 -0.57 0.00	47.63 -0.19 0.00	48.22 -0.14 0.00	43.49 -0.40 0.00
ST_LAW_230_BK5_LBMP 345035	49.27 -0.75 0.00	45.67 -0.14 0.00	42.85 -0.04 0.00	41.59 -0.38 0.00	40.25 -0.28 0.00	38.98 -0.67 0.00	43.44 -0.71 0.00	42.73 -0.61 0.00	42.86 -0.78 0.00	43.64 -0.44 0.00	49.32 0.25 0.00	49.40 -0.25 0.00	49.40 -0.25 0.00	46.67 0.42 0.00	48.22 0.67 0.00	53.03 -0.27 0.00	53.37 -0.76 0.00	64.65 -1.12 0.00	54.88 -0.83 0.00	52.69 -0.80 0.00	51.55 -0.62 0.00	47.58 -0.24 0.00	48.22 -0.14 0.00	43.49 -0.40 0.00
ST_LAW_230_BK6_LBMP 345036	49.27 -0.75 0.00	45.67 -0.14 0.00	42.85 -0.04 0.00	41.59 -0.38 0.00	40.25 -0.28 0.00	38.98 -0.67 0.00	43.44 -0.71 0.00	42.73 -0.61 0.00	42.86 -0.78 0.00	43.64 -0.44 0.00	49.32 0.25 0.00	49.40 -0.25 0.00	49.40 -0.25 0.00	46.67 0.42 0.00	48.22 0.67 0.00	53.03 -0.27 0.00	53.37 -0.76 0.00	64.65 -1.12 0.00	54.88 -0.83 0.00	52.69 -0.80 0.00	51.55 -0.62 0.00	47.58 -0.24 0.00	48.22 -0.14 0.00	43.49 -0.40 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	52.37 2.35 0.00	48.06 2.11 -0.14	47.47 1.93 -2.65	45.51 1.85 -1.70	45.09 1.74 -2.81	45.89 1.82 -4.41	52.29 2.07 -6.07	55.29 2.08 -9.88	54.29 2.14 -8.50	54.28 2.20 -8.00	54.16 2.36 -2.73	56.33 2.53 -4.15	58.51 2.53 -6.32	58.44 2.36 -9.83	61.53 2.33 -11.64	65.91 2.50 -10.12	72.23 2.65 -15.45	87.51 3.49 -18.25	80.70 2.90 -22.08	76.65 2.73 -20.43	71.77 2.56 -17.04	62.45 2.44 -12.19	56.98 2.47 -6.15	51.95 2.19 -5.87
SWANROAD_115KV_TB1 355699	46.52 -3.50 0.00	42.03 -3.80 -0.02	39.64 -3.69 -0.44	38.76 -3.48 -0.28	37.55 -3.45 -0.46	37.05 -3.33 -0.72	41.57 -3.58 -1.00	41.45 -3.51 -1.62	40.81 -4.23 -1.40	40.85 -4.54 -1.31	43.88 -5.40 -0.21	44.40 -5.56 -0.31	44.41 -5.71 -0.47	41.53 -5.52 -0.68	42.85 -5.60 -0.81	48.40 -5.90 -0.70	49.29 -5.90 -1.06	59.53 -7.50 -1.26	50.77 -6.46 -1.52	49.22 -5.67 -1.40	47.92 -5.43 -1.17	44.94 -4.88 -2.00	44.78 -4.59 -1.01	41.43 -3.42 -0.96
SYNERGY___BIOGAS 323694	48.12 -1.90 0.00	43.72 -2.11 -0.02	41.23 -2.06 -0.40	40.34 -1.89 -0.26	39.05 -1.90 -0.42	38.54 -1.78 -0.66	43.25 -1.81 -0.92	43.03 -1.78 -1.47	42.59 -2.31 -1.26	42.67 -2.60 -1.19	46.14 -3.14 -0.21	46.64 -3.33 -0.32	46.65 -3.48 -0.48	43.60 -3.33 -0.68	44.98 -3.38 -0.80	50.81 -3.20 -0.72	52.08 -3.14 -1.09	63.18 -3.88 -1.29	53.70 -3.57 -1.56	52.15 -2.78 -1.44	50.66 -2.71 -1.20	47.12 -2.53 -1.83	46.92 -2.37 -0.93	43.10 -1.67 -0.88
SYRACUSE___ENERGY_ST1 323597	49.17 -0.85 0.00	45.00 -0.82 -0.02	42.38 -0.81 -0.30	41.41 -0.76 -0.19	40.12 -0.73 -0.32	39.48 -0.67 -0.50	44.13 -0.71 -0.69	43.76 -0.69 -1.12	43.87 -0.74 -0.96	44.19 -0.79 -0.91	48.59 -0.83 -0.36	49.40 -0.79 -0.55	49.74 -0.74 -0.83	46.77 -0.79 -1.30	48.29 -0.81 -1.54	53.78 -0.85 -1.34	55.43 -0.76 -2.06	67.28 -0.92 -2.43	57.87 -0.78 -2.94	55.46 -0.75 -2.72	53.71 -0.73 -2.27	48.44 -0.77 -1.39	48.24 -0.82 -0.70	43.85 -0.67 -0.67
SYRACUSE___ENERGY_ST2 323598	49.17 -0.85 0.00	45.00 -0.82 -0.02	42.38 -0.81 -0.30	41.41 -0.76 -0.19	40.12 -0.73 -0.32	39.48 -0.67 -0.50	44.13 -0.71 -0.69	43.76 -0.69 -1.12	43.87 -0.74 -0.96	44.19 -0.79 -0.91	48.59 -0.83 -0.36	49.40 -0.79 -0.55	49.74 -0.74 -0.83	46.77 -0.79 -1.30	48.29 -0.81 -1.54	53.78 -0.85 -1.34	55.43 -0.76 -2.06	67.28 -0.92 -2.43	57.87 -0.78 -2.94	55.46 -0.75 -2.72	53.71 -0.73 -2.27	48.44 -0.77 -1.39	48.24 -0.82 -0.70	43.85 -0.67 -0.67
SYRACUSE___POWER 24017	49.07 -0.95 0.00	44.91 -0.92 -0.02	42.36 -0.86 -0.32	41.38 -0.80 -0.21	40.10 -0.77 -0.34	39.44 -0.75 -0.54	44.09 -0.79 -0.74	43.76 -0.78 -1.20	43.85 -0.83 -1.04	44.17 -0.88 -0.97	48.54 -0.93 -0.41	49.38 -0.89 -0.62	49.70 -0.89 -0.95	46.87 -0.88 -1.49	48.42 -0.90 -1.77	53.92 -0.91 -1.53	55.66 -0.81 -2.35	67.56 -0.99 -2.77	58.23 -0.84 -3.35	55.79 -0.80 -3.10	53.93 -0.83 -2.59	48.49 -0.81 -1.49	48.24 -0.87 -0.75	43.85 -0.75 -0.72
TALLMAN_138KV_BK151 55660	52.57 2.55 0.00	48.25 2.29 -0.15	47.12 2.10 -2.73	45.69 1.97 -1.75	45.33 1.90 -2.89	46.17 1.98 -4.53	52.64 2.25 -6.24	55.78 2.30 -10.15	54.74 2.36 -8.74	54.73 2.42 -8.22	54.48 2.60 -2.81	56.74 2.83 -4.26	58.93 2.78 -6.50	58.94 2.59 -10.10	62.09 2.57 -11.97	66.46 2.77 -10.40	72.88 2.87 -15.88	88.34 3.81 -18.76	81.53 3.12 -22.70	77.43 2.94 -21.00	72.46 2.77 -17.52	63.03 2.68 -12.53	57.34 2.66 -6.32	52.33 2.41 -6.03
TEALLAVE_115KV_TB7 355573	48.87 -1.15 0.00	44.77 -1.05 -0.01	42.13 -1.03 -0.27	41.17 -0.97 -0.17	39.88 -0.93 -0.28	39.23 -0.87 -0.44	43.83 -0.93 -0.61	43.38 -0.95 -1.00	43.54 -0.96 -0.86	43.87 -1.01 -0.81	48.22 -1.13 -0.28	48.98 -1.09 -0.42	49.24 -1.04 -0.64	46.18 -1.06 -0.99	47.64 -1.09 -1.17	53.19 -1.12 -1.02	54.61 -1.08 -1.56	66.30 -1.32 -1.84	56.83 -1.11 -2.23	54.48 -1.07 -2.06	52.85 -1.04 -1.72	48.05 -1.00 -1.23	47.92 -1.06 -0.62	43.56 -0.92 -0.59
TELGRAPH_34_KV_EAST 80808	47.37 -2.65 0.00	43.04 -2.79 -0.02	40.60 -2.70 -0.41	39.67 -2.56 -0.27	38.42 -2.55 -0.44	37.93 -2.42 -0.69	42.53 -2.56 -0.95	42.35 -2.51 -1.53	41.86 -3.10 -1.32	41.92 -3.39 -1.24	45.21 -4.07 -0.21	45.74 -4.22 -0.31	45.75 -4.37 -0.47	42.77 -4.16 -0.68	44.13 -4.23 -0.80	49.79 -4.21 -0.71	50.88 -4.33 -1.08	61.58 -5.46 -1.27	52.46 -4.79 -1.54	50.85 -4.07 -1.42	49.45 -3.91 -1.19	46.18 -3.54 -1.90	45.98 -3.34 -0.96	42.39 -2.41 -0.92
TEMPLE___115KV_TB 2 55572	48.87 -1.15 0.00	44.77 -1.05 -0.01	42.13 -1.03 -0.27	41.18 -0.97 -0.18	39.89 -0.93 -0.29	39.24 -0.87 -0.45	43.84 -0.93 -0.63	43.44 -0.91 -1.02	43.56 -0.96 -0.87	43.89 -1.01 -0.82	48.27 -1.08 -0.28	49.03 -1.04 -0.43	49.26 -1.04 -0.65	46.25 -1.02 -1.01	47.66 -1.09 -1.20	53.21 -1.12 -1.04	54.69 -1.03 -1.59	66.40 -1.25 -1.88	56.87 -1.11 -2.28	54.58 -1.02 -2.11	52.89 -1.04 -1.76	48.07 -1.00 -1.26	47.93 -1.06 -0.63	43.57 -0.92 -0.60
TIANA___69_KV_BK 1 55817	55.02 4.70 -0.30	50.62 4.26 -0.55	50.13 3.99 -3.25	48.20 3.90 -2.33	47.87 3.81 -3.53	48.78 3.93 -5.19	55.43 4.50 -6.78	58.38 4.46 -10.58	57.35 4.54 -9.17	56.98 4.36 -8.54	56.85 4.76 -3.02	58.96 4.87 -4.44	61.13 4.72 -6.77	61.17 4.39 -10.52	64.32 4.33 -12.44	68.55 4.26 -11.00	77.81 4.76 -18.92	92.70 5.85 -21.07	85.59 4.96 -24.92	81.35 4.17 -23.69	75.59 3.86 -19.56	66.23 3.92 -14.49	59.63 4.16 -7.11	54.36 3.73 -6.75

TILDEN___115KV_TB1 80814	49.07 -0.95 0.00	44.91 -0.92 -0.02	42.36 -0.86 -0.32	41.38 -0.80 -0.21	40.10 -0.77 -0.34	39.44 -0.75 -0.54	44.09 -0.79 -0.74	43.76 -0.78 -1.20	43.85 -0.83 -1.04	44.17 -0.88 -0.97	48.54 -0.93 -0.41	49.38 -0.89 -0.62	49.70 -0.89 -0.95	46.87 -0.88 -1.49	48.42 -0.90 -1.77	53.92 -0.91 -1.53	55.66 -0.81 -2.35	67.56 -0.99 -2.77	58.23 -0.84 -3.35	55.79 -0.80 -3.10	53.93 -0.83 -2.59	48.49 -0.81 -1.49	48.24 -0.87 -0.75	43.85 -0.75 -0.72
TRIGEN___CC 323695	55.96 3.45 -2.49	52.40 3.16 -3.43	52.06 2.87 -6.29	50.81 2.77 -6.07	50.60 2.68 -7.39	51.12 2.70 -8.77	56.09 3.05 -8.90	57.24 3.12 -10.79	56.54 3.14 -9.76	55.94 3.31 -8.56	56.29 3.48 -3.74	57.84 3.72 -4.46	60.06 3.62 -6.79	60.26 3.38 -10.62	63.36 3.28 -12.52	69.21 3.46 -12.45	94.61 3.52 -36.96	103.23 4.54 -32.92	94.36 3.79 -34.86	94.70 3.53 -37.68	85.34 3.50 -29.67	76.61 3.30 -25.49	62.73 3.34 -11.03	57.18 3.03 -10.27
TRINITY__115KV__4 BK 55933	51.32 1.30 0.00	47.28 1.28 -0.19	47.56 1.16 -3.51	45.39 1.18 -2.25	45.39 1.13 -3.72	46.56 1.07 -5.83	53.34 1.15 -8.04	57.45 1.04 -13.07	56.04 1.13 -11.26	55.82 1.15 -10.59	54.01 1.32 -3.62	56.43 1.29 -5.49	59.31 1.29 -8.37	60.47 1.20 -13.01	64.21 1.24 -15.41	68.13 1.44 -13.40	75.99 1.41 -20.46	91.58 1.64 -24.16	86.29 1.34 -29.24	81.88 1.34 -27.05	76.05 1.30 -22.57	65.11 1.15 -16.14	57.72 1.21 -8.15	52.75 1.10 -7.77
UNION___PROCESSING_DRP 323587	48.07 -1.95 0.00	44.09 -1.74 -0.02	41.64 -1.59 -0.34	40.72 -1.47 -0.22	39.43 -1.46 -0.36	38.87 -1.35 -0.57	43.56 -1.37 -0.78	43.21 -1.34 -1.22	43.12 -1.57 -1.05	43.39 -1.68 -0.99	47.28 -2.01 -0.22	47.85 -2.13 -0.33	47.87 -2.28 -0.51	44.71 -2.22 -0.68	46.13 -2.24 -0.80	52.02 -2.03 -0.75	53.32 -1.95 -1.14	64.42 -2.70 -1.35	54.89 -2.45 -1.63	53.12 -1.87 -1.51	51.61 -1.83 -1.26	47.71 -1.67 -1.56	47.51 -1.64 -0.79	43.45 -1.18 -0.75
UPPER HUDSON___HYD 24058	53.47 3.45 0.00	49.31 3.30 -0.20	49.54 3.00 -3.65	47.24 2.94 -2.34	47.32 2.92 -3.87	48.61 2.89 -6.07	55.77 3.27 -8.36	60.26 3.34 -13.59	58.88 3.53 -11.70	58.66 3.57 -11.01	56.95 4.12 -3.76	59.23 3.88 -5.71	62.12 3.77 -8.70	63.11 3.33 -13.52	67.19 3.61 -16.02	71.43 4.21 -13.93	79.62 4.22 -21.27	95.83 4.94 -25.12	90.18 4.06 -30.40	85.68 4.06 -28.13	79.71 4.07 -23.46	68.14 3.54 -16.78	60.55 3.72 -8.47	54.99 3.03 -8.08
UPPER RAQUET___HYD 24056	49.82 -0.20 0.00	46.18 0.36 0.00	43.33 0.39 -0.05	42.04 0.04 -0.04	40.67 0.08 -0.06	39.27 -0.47 -0.09	43.48 -0.79 -0.13	42.80 -0.74 -0.20	42.86 -0.96 -0.17	43.59 -0.66 -0.16	49.27 0.15 -0.06	49.34 -0.40 -0.09	49.43 -0.35 -0.13	46.83 0.37 -0.20	48.46 0.67 -0.24	53.13 -0.37 -0.21	53.47 -0.97 -0.32	64.64 -1.51 -0.38	55.06 -1.11 -0.46	52.84 -1.07 -0.42	51.95 -0.57 -0.35	48.02 -0.05 -0.25	48.78 0.29 -0.13	44.05 0.04 -0.12
VALLEY44_115KV_TB2 355964	47.17 -2.85 0.00	42.26 -3.57 -0.03	39.49 -3.95 -0.55	38.50 -3.82 -0.35	37.42 -3.69 -0.58	36.99 -3.57 -0.91	41.51 -3.88 -1.25	41.67 -3.73 -2.06	41.18 -4.23 -1.77	41.16 -4.58 -1.67	43.73 -5.54 -0.20	44.68 -5.26 -0.29	45.02 -5.06 -0.44	42.34 -4.58 -0.66	43.54 -4.80 -0.78	48.19 -5.76 -0.65	49.21 -5.90 -0.98	60.68 -6.25 -1.16	51.32 -5.79 -1.40	48.95 -5.83 -1.30	47.57 -5.69 -1.08	45.16 -5.16 -2.50	44.55 -5.08 -1.26	41.23 -3.86 -1.21
VALLEY___115KV_TB 1-4 80826	52.27 2.25 0.00	47.87 2.06 0.00	44.82 1.93 0.00	43.81 1.85 0.00	42.31 1.78 0.00	41.40 1.74 0.00	46.04 1.90 0.00	45.11 1.78 0.00	45.48 1.83 0.00	46.02 1.94 0.00	51.23 2.16 0.00	51.83 2.18 0.00	51.88 2.23 0.00	48.29 2.04 0.00	49.60 2.04 0.00	55.48 2.18 0.00	56.24 2.11 0.00	68.27 2.50 0.00	57.72 2.01 0.00	55.25 1.77 0.00	53.74 1.57 0.00	49.25 1.43 0.00	49.76 1.40 0.00	45.11 1.23 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	52.07 2.05 0.00	47.66 1.79 -0.07	45.82 1.67 -1.26	44.41 1.64 -0.81	43.41 1.54 -1.34	43.30 1.55 -2.10	48.80 1.77 -2.89	49.69 1.65 -4.71	49.44 1.75 -4.05	49.97 2.07 -3.81	52.53 2.16 -1.30	53.96 2.33 -1.98	55.05 2.38 -3.01	53.07 2.13 -4.68	55.30 2.19 -5.55	60.45 2.34 -4.81	63.91 2.44 -7.35	77.48 3.03 -8.68	68.73 2.51 -10.51	65.56 2.35 -9.72	62.58 2.30 -8.11	55.68 2.06 -5.80	53.27 1.98 -2.93	48.34 1.67 -2.79
VISCHER___FERRY HYD 24020	52.07 2.05 0.00	47.93 1.92 -0.19	48.23 1.76 -3.58	45.98 1.72 -2.29	46.03 1.70 -3.79	47.27 1.67 -5.95	54.20 1.85 -8.20	58.43 1.78 -13.32	56.99 1.88 -11.47	56.77 1.89 -10.79	54.91 2.16 -3.69	57.28 2.04 -5.60	60.27 2.08 -8.53	61.41 1.90 -13.25	65.26 2.00 -15.70	69.29 2.34 -13.65	77.35 2.38 -20.85	93.16 2.76 -24.62	87.80 2.29 -29.80	83.30 2.25 -27.57	77.36 2.19 -23.00	66.18 1.91 -16.45	58.65 1.98 -8.30	53.60 1.80 -7.92
V_A_10_SYNC_DSASP 323832	46.82 -3.20 0.00	43.08 -2.75 -0.02	40.74 -2.53 -0.39	39.82 -2.39 -0.25	38.59 -2.35 -0.41	38.07 -2.22 -0.64	42.64 -2.38 -0.88	42.37 -2.38 -1.42	42.03 -2.84 -1.23	42.19 -3.04 -1.15	45.55 -3.73 -0.21	45.99 -3.97 -0.31	45.95 -4.17 -0.47	42.92 -4.02 -0.69	44.28 -4.09 -0.81	50.07 -3.94 -0.72	51.10 -4.11 -1.09	61.60 -5.46 -1.28	52.64 -4.62 -1.55	51.07 -3.85 -1.44	49.67 -3.70 -1.20	46.29 -3.30 -1.77	46.11 -3.14 -0.89	42.54 -2.19 -0.85
V_CMM_10_SYNC_DSASP 323787	50.07 0.05 0.00	45.90 0.09 0.00	43.06 0.17 0.00	41.80 -0.17 0.00	40.41 -0.12 0.00	39.14 -0.52 0.00	43.66 -0.49 0.00	42.77 -0.56 0.00	43.03 -0.61 0.00	43.86 -0.22 0.00	49.76 0.69 0.00	49.75 0.10 0.00	49.75 0.10 0.00	46.99 0.74 0.00	48.56 1.00 0.00	53.29 0.00 0.00	53.64 -0.49 0.00	64.92 -0.86 0.00	55.10 -0.61 0.00	52.90 -0.59 0.00	51.81 -0.37 0.00	47.87 0.05 0.00	48.51 0.15 0.00	43.71 -0.18 0.00
V_CMP_10_SYNC_DSASP 323788	50.47 0.45 0.00	46.22 0.41 0.00	43.36 0.47 0.00	42.09 0.13 0.00	40.73 0.20 0.00	39.46 -0.20 0.00	44.06 -0.09 0.00	43.20 -0.13 0.00	43.47 -0.17 0.00	44.30 0.22 0.00	50.30 1.23 0.00	50.30 0.65 0.00	50.25 0.60 0.00	47.46 1.20 0.00	49.08 1.52 0.00	53.82 0.53 0.00	54.24 0.11 0.00	65.71 -0.07 0.00	55.77 0.06 0.00	53.49 0.00 0.00	52.38 0.21 0.00	48.30 0.48 0.00	48.89 0.53 0.00	44.06 0.18 0.00
V_D_10_SYNC_DSASP 323841	50.52 0.50 0.00	46.27 0.46 0.00	43.40 0.51 0.00	42.14 0.17 0.00	40.73 0.20 0.00	39.42 -0.24 0.00	43.92 -0.22 0.00	43.03 -0.30 0.00	43.29 -0.35 0.00	44.08 0.00 0.00	50.10 1.03 0.00	50.05 0.40 0.00	50.00 0.35 0.00	47.27 1.02 0.00	48.89 1.33 0.00	53.61 0.32 0.00	53.91 -0.22 0.00	65.31 -0.46 0.00	55.44 -0.28 0.00	53.22 -0.27 0.00	52.17 0.00 0.00	48.20 0.38 0.00	48.89 0.53 0.00	44.10 0.22 0.00
V_E_10_SYNC_DSASP 323830	53.22 3.20 0.00	48.56 2.70 -0.05	46.17 2.36 -0.92	44.86 2.31 -0.59	43.65 2.15 -0.97	43.36 2.18 -1.53	48.76 2.52 -2.10	48.85 2.08 -3.44	48.70 2.09 -2.96	49.25 2.38 -2.79	52.66 2.31 -1.29	54.20 2.58 -1.97	55.34 2.68 -3.01	53.50 2.45 -4.79	55.90 2.66 -5.68	61.13 2.93 -4.91	64.94 3.30 -7.51	79.32 4.67 -8.88	70.19 3.73 -10.75	66.90 3.48 -9.94	63.70 3.23 -8.29	54.43 2.39 -4.22	52.67 2.18 -2.13	47.63 1.71 -2.03

V_F_30_NSYNC___DSASP 323816	52.82 2.80 0.00	48.66 2.66 -0.20	48.98 2.44 -3.64	46.69 2.39 -2.33	46.74 2.35 -3.86	48.04 2.34 -6.05	55.09 2.60 -8.34	59.53 2.64 -13.56	58.07 2.75 -11.67	57.79 2.73 -10.98	55.96 3.14 -3.75	58.37 3.03 -5.69	61.26 2.93 -8.68	62.43 2.68 -13.49	66.44 2.90 -15.98	70.54 3.36 -13.89	78.75 3.41 -21.21	94.84 4.01 -25.05	89.32 3.29 -30.32	84.80 3.26 -28.05	78.75 3.18 -23.40	67.38 2.82 -16.74	59.71 2.90 -8.45	54.40 2.46 -8.06
V_F_30_SYNC_DSASP 323786	51.52 1.50 0.00	47.46 1.47 -0.19	47.74 1.33 -3.52	45.57 1.34 -2.26	45.56 1.30 -3.73	46.73 1.23 -5.85	53.53 1.32 -8.06	57.66 1.21 -13.11	56.28 1.35 -11.29	56.07 1.37 -10.62	54.32 1.62 -3.63	56.69 1.54 -5.51	59.58 1.54 -8.39	60.73 1.43 -13.04	64.53 1.52 -15.45	68.48 1.76 -13.43	76.37 1.73 -20.51	91.97 1.97 -24.23	86.65 1.62 -29.32	82.22 1.60 -27.12	76.37 1.57 -22.63	65.39 1.39 -16.18	57.98 1.45 -8.17	52.90 1.23 -7.79
V_XM_10_SYNC_DSASP 323789	50.47 0.45 0.00	46.22 0.41 0.00	43.36 0.47 0.00	42.09 0.13 0.00	40.73 0.20 0.00	39.46 -0.20 0.00	44.06 -0.09 0.00	43.20 -0.13 0.00	43.47 -0.17 0.00	44.30 0.22 0.00	50.30 1.23 0.00	50.30 0.65 0.00	50.25 0.60 0.00	47.46 1.20 0.00	49.08 1.52 0.00	53.82 0.53 0.00	54.24 0.11 0.00	65.71 -0.07 0.00	55.77 0.06 0.00	53.49 0.00 0.00	52.38 0.21 0.00	48.30 0.48 0.00	48.89 0.53 0.00	44.06 0.18 0.00
W.BABYLN_69_KV_BK1 56697	55.10 4.25 -0.83	50.85 3.80 -1.24	50.35 3.47 -3.99	48.56 3.36 -3.23	48.20 3.20 -4.46	49.00 3.29 -6.06	55.19 3.75 -7.29	57.74 3.77 -10.63	56.75 3.80 -9.31	56.77 4.14 -8.54	56.34 4.07 -3.19	58.81 4.72 -4.45	61.04 4.62 -6.77	60.82 4.02 -10.54	64.25 4.23 -12.46	68.74 4.10 -11.35	81.73 4.33 -23.27	95.23 5.52 -23.93	87.71 4.68 -27.32	84.89 4.33 -27.07	78.29 4.12 -22.00	68.98 4.02 -17.15	60.62 4.21 -8.05	55.21 3.73 -7.60
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	52.82 2.80 0.00	48.48 2.52 -0.15	47.96 2.32 -2.75	45.91 2.18 -1.76	45.55 2.11 -2.91	46.40 2.18 -4.57	52.91 2.47 -6.29	56.08 2.51 -10.23	55.03 2.57 -8.81	55.01 2.64 -8.29	54.75 2.85 -2.83	57.03 3.08 -4.30	59.23 3.03 -6.55	59.26 2.82 -10.18	62.43 2.81 -12.06	66.81 3.04 -10.48	73.33 3.19 -16.01	88.82 4.14 -18.91	82.05 3.45 -22.88	77.87 3.21 -21.17	72.91 3.08 -17.66	63.37 2.92 -12.63	57.69 2.95 -6.37	52.55 2.59 -6.08
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	53.17 3.15 0.00	48.71 2.75 -0.15	48.21 2.49 -2.83	46.17 2.39 -1.81	45.80 2.27 -3.00	46.74 2.38 -4.70	53.37 2.74 -6.49	56.65 2.77 -10.54	55.56 2.84 -9.08	55.58 2.95 -8.54	55.18 3.19 -2.92	57.55 3.48 -4.43	59.78 3.38 -6.75	59.89 3.15 -10.49	63.08 3.09 -12.43	67.40 3.30 -10.80	74.09 3.46 -16.50	89.73 4.47 -19.49	83.03 3.73 -23.58	78.78 3.48 -21.82	73.71 3.34 -18.20	64.04 3.20 -13.02	58.12 3.19 -6.57	52.96 2.81 -6.27
W50THST__13_KV_LOAD 356117	53.32 3.30 0.00	48.89 2.93 -0.15	48.38 2.66 -2.83	46.30 2.52 -1.81	45.97 2.43 -3.00	46.86 2.50 -4.70	53.50 2.87 -6.49	56.83 2.95 -10.54	55.74 3.01 -9.08	55.75 3.13 -8.54	55.37 3.39 -2.92	57.80 3.72 -4.43	60.08 3.67 -6.75	60.08 3.33 -10.49	63.27 3.28 -12.43	67.61 3.52 -10.80	74.31 3.68 -16.50	90.06 4.80 -19.49	83.25 3.96 -23.58	79.00 3.69 -21.82	73.92 3.55 -18.20	64.23 3.40 -13.02	58.32 3.39 -6.57	53.09 2.94 -6.27
WADING RIVER_IC_1 23522	54.87 4.55 -0.30	50.38 4.03 -0.54	49.87 3.73 -3.25	47.94 3.65 -2.32	47.58 3.52 -3.53	48.49 3.65 -5.19	55.12 4.20 -6.78	58.08 4.16 -10.58	57.00 4.19 -9.17	56.72 4.10 -8.54	56.51 4.42 -3.02	58.66 4.56 -4.44	60.83 4.42 -6.77	60.88 4.12 -10.51	64.08 4.09 -12.43	68.29 4.00 -10.99	77.47 4.44 -18.90	92.29 5.46 -21.06	85.30 4.68 -24.91	81.02 3.85 -23.68	75.27 3.55 -19.55	65.84 3.54 -14.48	59.38 3.92 -7.10	54.14 3.51 -6.74
WADING RIVER_IC_2 23547	54.87 4.55 -0.30	50.38 4.03 -0.54	49.87 3.73 -3.25	47.94 3.65 -2.32	47.58 3.52 -3.53	48.49 3.65 -5.19	55.12 4.20 -6.78	58.08 4.16 -10.58	57.00 4.19 -9.17	56.72 4.10 -8.54	56.51 4.42 -3.02	58.66 4.56 -4.44	60.83 4.42 -6.77	60.88 4.12 -10.51	64.08 4.09 -12.43	68.29 4.00 -10.99	77.47 4.44 -18.90	92.29 5.46 -21.06	85.30 4.68 -24.91	81.02 3.85 -23.68	75.27 3.55 -19.55	65.84 3.54 -14.48	59.38 3.92 -7.10	54.14 3.51 -6.74
WADING RIVER_IC_3 23601	54.87 4.55 -0.30	50.38 4.03 -0.54	49.87 3.73 -3.25	47.94 3.65 -2.32	47.58 3.52 -3.53	48.49 3.65 -5.19	55.12 4.20 -6.78	58.08 4.16 -10.58	57.00 4.19 -9.17	56.72 4.10 -8.54	56.51 4.42 -3.02	58.66 4.56 -4.44	60.83 4.42 -6.77	60.88 4.12 -10.51	64.08 4.09 -12.43	68.29 4.00 -10.99	77.47 4.44 -18.90	92.29 5.46 -21.06	85.30 4.68 -24.91	81.02 3.85 -23.68	75.27 3.55 -19.55	65.84 3.54 -14.48	59.38 3.92 -7.10	54.14 3.51 -6.74
WALDENNY_12_KV_BK2 80841	47.32 -2.70 0.00	42.95 -2.89 -0.03	40.36 -3.00 -0.48	39.42 -2.85 -0.31	38.16 -2.88 -0.51	37.71 -2.74 -0.79	42.28 -2.96 -1.09	42.22 -2.90 -1.79	41.65 -3.54 -1.54	41.70 -3.84 -1.45	44.61 -4.66 -0.21	45.24 -4.72 -0.30	45.39 -4.72 -0.45	42.49 -4.44 -0.68	43.74 -4.61 -0.80	49.18 -4.80 -0.68	50.13 -5.03 -1.03	60.87 -6.12 -1.22	51.78 -5.40 -1.47	49.98 -4.87 -1.36	48.62 -4.70 -1.14	45.80 -4.21 -2.19	45.45 -4.01 -1.11	42.05 -2.90 -1.06
WALDEN___HYDRO 24148	52.67 2.65 0.00	48.29 2.34 -0.15	47.79 2.14 -2.75	45.79 2.06 -1.76	45.39 1.95 -2.92	46.21 1.98 -4.57	52.74 2.30 -6.30	55.87 2.30 -10.24	54.82 2.36 -8.82	54.76 2.38 -8.30	54.51 2.60 -2.84	56.73 2.78 -4.30	58.94 2.73 -6.56	58.99 2.54 -10.19	62.20 2.57 -12.08	66.61 2.82 -10.50	73.13 2.98 -16.03	88.58 3.88 -18.93	81.85 3.23 -22.91	77.73 3.05 -21.19	72.72 2.87 -17.68	63.19 2.73 -12.65	57.45 2.71 -6.38	52.38 2.41 -6.09
WARRENSBURG____ 23737	53.42 3.40 0.00	49.30 3.30 -0.20	49.55 3.00 -3.65	47.25 2.94 -2.34	47.32 2.92 -3.87	48.62 2.89 -6.07	55.77 3.27 -8.36	60.26 3.34 -13.59	58.88 3.54 -11.70	58.66 3.57 -11.01	56.95 4.12 -3.76	59.33 3.97 -5.71	62.13 3.77 -8.70	63.11 3.33 -13.52	67.20 3.61 -16.02	71.43 4.21 -13.93	79.62 4.22 -21.27	95.89 5.00 -25.12	90.24 4.12 -30.40	85.68 4.07 -28.13	79.70 4.07 -23.46	68.19 3.59 -16.78	60.55 3.72 -8.47	54.99 3.03 -8.08
WATERSIDE___6 8 9 23538	53.42 3.40 0.00	48.94 2.98 -0.15	48.42 2.70 -2.83	46.34 2.56 -1.81	46.01 2.47 -3.00	46.90 2.54 -4.71	53.50 2.87 -6.49	56.78 2.90 -10.55	55.74 3.01 -9.08	55.75 3.13 -8.54	55.37 3.39 -2.92	57.70 3.62 -4.43	59.99 3.57 -6.77	60.08 3.33 -10.49	63.27 3.28 -12.43	67.62 3.52 -10.81	74.20 3.57 -16.50	89.93 4.67 -19.49	83.20 3.90 -23.59	78.95 3.64 -21.82	73.87 3.50 -18.20	64.28 3.44 -13.02	58.41 3.48 -6.57	53.18 3.03 -6.27
WATKINRD_115KV_LN8_ILLION 55919	51.62 1.60 0.00	47.27 1.47 0.00	44.22 1.33 0.00	43.27 1.30 0.00	41.79 1.26 0.00	40.89 1.23 0.00	45.47 1.32 0.00	44.59 1.26 0.00	44.95 1.31 0.00	45.45 1.37 0.00	50.59 1.52 0.00	51.19 1.54 0.00	51.19 1.54 0.00	47.69 1.43 0.00	49.03 1.47 0.00	54.84 1.55 0.00	55.64 1.52 0.00	67.61 1.84 0.00	57.16 1.45 0.00	54.77 1.28 0.00	53.37 1.20 0.00	48.92 1.10 0.00	49.42 1.06 0.00	44.81 0.92 0.00

WDELAWARE___HYD 323627	53.12 3.10 0.00	48.60 2.66 -0.14	47.97 2.49 -2.60	46.02 2.39 -1.66	45.51 2.23 -2.75	46.23 2.26 -4.31	52.74 2.65 -5.94	55.60 2.60 -9.66	54.63 2.66 -8.32	54.60 2.69 -7.83	54.59 2.84 -2.67	56.74 3.03 -4.06	58.82 2.98 -6.19	58.64 2.78 -9.61	61.80 2.85 -11.39	66.39 3.20 -9.90	72.71 3.47 -15.12	88.16 4.53 -17.86	81.12 3.79 -21.61	77.07 3.58 -19.99	72.24 3.39 -16.68	62.91 3.16 -11.93	57.48 3.10 -6.02	52.30 2.68 -5.74
WEST BABYLON___IC 23714	55.10 4.25 -0.83	50.85 3.80 -1.24	50.35 3.47 -3.99	48.56 3.36 -3.23	48.20 3.20 -4.46	49.00 3.29 -6.06	55.19 3.75 -7.29	57.74 3.77 -10.63	56.75 3.80 -9.31	56.77 4.14 -8.54	56.34 4.07 -3.19	58.81 4.72 -4.45	61.04 4.62 -6.77	60.82 4.02 -10.54	64.25 4.23 -12.46	68.74 4.10 -11.35	81.73 4.33 -23.27	95.23 5.52 -23.93	87.71 4.68 -27.32	84.89 4.33 -27.07	78.29 4.12 -22.00	68.98 4.02 -17.15	60.62 4.21 -8.05	55.21 3.73 -7.60
WEST CANADA___HYD 24049	50.27 0.25 0.00	46.04 0.23 0.00	43.10 0.22 0.00	42.18 0.21 0.00	40.73 0.20 0.00	39.86 0.20 0.00	44.32 0.18 0.00	43.51 0.17 0.00	43.82 0.18 0.00	44.30 0.22 0.00	49.32 0.25 0.00	49.90 0.25 0.00	49.90 0.25 0.00	46.49 0.23 0.00	47.80 0.24 0.00	53.56 0.27 0.00	54.35 0.22 0.00	66.04 0.26 0.00	55.94 0.22 0.00	53.70 0.21 0.00	52.38 0.21 0.00	48.01 0.19 0.00	48.56 0.19 0.00	44.02 0.13 0.00
WESTERN_NY_WIND 24143	48.07 -1.95 0.00	43.63 -2.20 -0.02	41.15 -2.14 -0.41	40.26 -1.97 -0.26	38.98 -1.99 -0.43	38.47 -1.86 -0.67	43.18 -1.90 -0.93	42.97 -1.86 -1.49	42.53 -2.40 -1.28	42.60 -2.69 -1.21	46.00 -3.29 -0.21	46.54 -3.43 -0.32	46.55 -3.57 -0.48	43.51 -3.42 -0.68	44.89 -3.47 -0.80	50.70 -3.30 -0.72	51.97 -3.25 -1.09	62.97 -4.08 -1.28	53.59 -3.68 -1.55	51.98 -2.94 -1.43	50.55 -2.82 -1.20	47.05 -2.63 -1.86	46.83 -2.47 -0.94	43.03 -1.76 -0.90
WESTOVER___LESR 323668	49.57 -0.45 0.00	45.31 -0.55 -0.05	43.19 -0.64 -0.95	41.99 -0.59 -0.61	40.97 -0.57 -1.00	40.67 -0.56 -1.57	45.78 -0.53 -2.17	46.36 -0.52 -3.55	46.05 -0.65 -3.06	46.21 -0.75 -2.88	48.94 -0.93 -0.80	49.96 -0.89 -1.21	50.64 -0.84 -1.84	48.29 -0.83 -2.87	50.05 -0.90 -3.39	55.26 -0.96 -2.93	57.72 -0.87 -4.46	70.12 -0.92 -5.27	61.25 -0.84 -6.38	58.59 -0.80 -5.90	56.31 -0.78 -4.92	51.41 -0.77 -4.35	49.74 -0.82 -2.20	45.45 -0.53 -2.10
WETHRSFD_WT_PWR 323626	47.62 -2.40 0.00	43.09 -2.75 -0.03	40.74 -2.70 -0.55	39.72 -2.60 -0.35	38.52 -2.59 -0.59	38.03 -2.54 -0.92	42.54 -2.87 -1.26	42.60 -2.86 -2.13	41.98 -3.49 -1.83	41.84 -3.97 -1.72	44.41 -4.81 -0.15	44.90 -4.96 -0.21	44.90 -5.06 -0.31	41.86 -4.86 -0.46	43.05 -5.04 -0.54	48.49 -5.28 -0.47	49.53 -5.30 -0.71	60.02 -6.58 -0.83	51.09 -5.62 -1.00	49.23 -5.19 -0.93	47.89 -5.06 -0.78	45.77 -4.59 -2.54	45.24 -4.40 -1.28	41.77 -3.34 -1.22
WHAVSTOR_138KV_BK127 55557	52.57 2.55 0.00	48.25 2.29 -0.15	47.74 2.10 -2.75	45.70 1.97 -1.76	45.35 1.90 -2.92	46.21 1.98 -4.57	52.70 2.25 -6.30	55.88 2.30 -10.25	54.82 2.36 -8.82	54.81 2.42 -8.30	54.51 2.60 -2.84	56.73 2.78 -4.30	58.94 2.73 -6.56	59.04 2.59 -10.20	62.16 2.52 -12.08	66.51 2.72 -10.50	73.03 2.87 -16.03	88.45 3.75 -18.93	81.75 3.12 -22.91	77.58 2.89 -21.20	72.62 2.77 -17.68	63.10 2.63 -12.65	57.40 2.66 -6.38	52.34 2.37 -6.09
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	52.57 2.55 0.00	48.25 2.29 -0.15	47.74 2.10 -2.75	45.70 1.97 -1.76	45.35 1.90 -2.92	46.21 1.98 -4.57	52.70 2.25 -6.30	55.88 2.30 -10.25	54.82 2.36 -8.82	54.81 2.42 -8.30	54.51 2.60 -2.84	56.73 2.78 -4.30	58.94 2.73 -6.56	59.04 2.59 -10.20	62.16 2.52 -12.08	66.51 2.72 -10.50	73.03 2.87 -16.03	88.45 3.75 -18.93	81.75 3.12 -22.91	77.58 2.89 -21.20	72.62 2.77 -17.68	63.10 2.63 -12.65	57.40 2.66 -6.38	52.34 2.37 -6.09
WHITEHAL_115KV_TB1 80871	54.32 4.30 0.00	50.17 4.17 -0.20	50.31 3.77 -3.65	47.96 3.65 -2.34	48.05 3.65 -3.87	49.40 3.69 -6.06	56.65 4.15 -8.35	61.16 4.25 -13.58	59.79 4.45 -11.69	59.49 4.41 -11.00	57.88 5.05 -3.76	60.17 4.82 -5.70	62.91 4.57 -8.69	63.83 4.07 -13.51	68.03 4.47 -16.01	72.43 5.22 -13.91	80.78 5.41 -21.24	97.31 6.45 -25.09	91.43 5.35 -30.37	86.93 5.35 -28.09	80.88 5.27 -23.44	69.17 4.59 -16.76	61.56 4.74 -8.46	55.77 3.82 -8.07
WHITEPLN_13_KV_LOAD 356215	53.32 3.30 0.00	48.94 2.98 -0.15	48.42 2.70 -2.83	46.34 2.56 -1.81	45.96 2.43 -3.00	46.89 2.54 -4.70	53.44 2.83 -6.47	56.72 2.86 -10.52	55.67 2.97 -9.06	55.60 3.00 -8.52	55.27 3.29 -2.91	57.59 3.53 -4.42	59.81 3.43 -6.74	59.96 3.24 -10.47	63.20 3.23 -12.41	67.54 3.46 -10.78	74.33 3.73 -16.46	90.09 4.87 -19.45	83.26 4.01 -23.53	79.01 3.74 -21.77	73.99 3.65 -18.16	64.21 3.40 -12.99	58.21 3.29 -6.56	53.08 2.94 -6.25
WM_FLOYD_69_KV_BK2 356380	54.73 4.40 -0.31	50.31 3.94 -0.56	49.80 3.65 -3.26	47.88 3.57 -2.34	47.52 3.45 -3.55	48.40 3.53 -5.21	55.00 4.06 -6.79	57.95 4.03 -10.58	56.88 4.06 -9.17	56.54 3.92 -8.54	56.37 4.27 -3.03	58.51 4.42 -4.44	60.74 4.32 -6.77	60.80 4.02 -10.52	63.94 3.95 -12.44	68.18 3.89 -11.00	77.40 4.28 -19.00	92.22 5.33 -21.13	85.19 4.51 -24.96	81.20 3.96 -23.76	75.43 3.65 -19.60	66.14 3.78 -14.54	59.55 4.06 -7.12	54.25 3.60 -6.76
WOODARD___115KV_TB2 355635	48.82 -1.20 0.00	44.72 -1.10 -0.01	42.13 -1.03 -0.27	41.17 -0.97 -0.17	39.88 -0.93 -0.28	39.23 -0.87 -0.44	43.79 -0.97 -0.61	43.37 -0.95 -0.99	43.50 -1.00 -0.85	43.87 -1.01 -0.80	48.22 -1.13 -0.27	48.97 -1.09 -0.42	49.19 -1.09 -0.64	46.18 -1.06 -0.99	47.63 -1.09 -1.17	53.14 -1.17 -1.02	54.60 -1.08 -1.56	66.30 -1.32 -1.84	56.83 -1.11 -2.23	54.48 -1.07 -2.06	52.80 -1.10 -1.72	48.00 -1.05 -1.23	47.92 -1.06 -0.62	43.51 -0.97 -0.59
WOODMERE_69_KV_BK1 55827	59.02 4.25 -4.75	56.05 3.85 -6.39	55.87 3.56 -9.42	55.34 3.44 -9.93	55.19 3.28 -11.37	55.44 3.33 -12.45	58.92 3.71 -11.07	58.10 3.77 -10.99	57.80 3.80 -10.36	56.63 3.97 -8.58	57.81 4.27 -4.47	58.65 4.52 -4.48	60.88 4.42 -6.81	61.10 4.12 -10.73	64.26 4.09 -12.61	71.67 4.42 -13.96	114.25 4.55 -55.57	116.75 5.85 -45.13	105.73 4.90 -45.12	110.20 4.60 -52.11	96.72 4.43 -40.11	88.87 4.21 -36.84	67.60 4.16 -15.08	61.55 3.77 -13.89
YORK___WARBASSE 23770	53.78 3.75 -0.01	49.27 3.30 -0.16	48.78 3.05 -2.84	46.69 2.90 -1.82	46.30 2.76 -3.01	47.18 2.82 -4.71	53.72 3.09 -6.49	57.00 3.12 -10.55	55.91 3.19 -9.08	55.97 3.35 -8.54	55.62 3.63 -2.92	58.00 3.92 -4.43	60.29 3.87 -6.77	60.36 3.61 -10.49	63.56 3.57 -12.43	67.94 3.84 -10.81	74.58 3.95 -16.50	90.39 5.13 -19.49	83.59 4.29 -23.59	79.32 4.01 -21.82	74.24 3.86 -18.20	64.63 3.78 -13.03	58.76 3.82 -6.58	53.54 3.38 -6.27