

Day Ahead Market Generator LBMP

Generator Data		--- Marginal Cost of Losses															--- Marginal Cost of Congestion										01/03/2025		
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	44.04	41.87	41.14	41.87	43.14	49.34	57.55	60.17	64.50	66.97	60.02	59.92	58.58	60.08	64.42	66.49	67.56	82.47	76.77	64.41	62.64	58.86	58.12	58.14				
		2.65	2.45	2.37	2.45	2.52	2.79	3.61	4.51	4.84	4.49	4.25	4.39	4.17	4.46	5.00	5.25	5.26	5.63	5.51	5.00	4.92	4.21	3.91	3.60				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.68	-4.62	-8.33	-3.27	-3.28	-3.56	-3.74	-4.43	-5.97	-6.98	-18.23	-13.34	-3.91	-2.45	0.00	0.00	0.00				
74TH STREET_GT_1	24260	44.12	41.99	41.18	41.99	43.22	49.48	57.88	60.50	64.38	66.95	59.91	59.70	58.51	59.76	63.86	66.14	67.57	82.37	76.72	64.52	62.70	58.81	58.01	58.25				
		2.73	2.56	2.40	2.56	2.60	2.93	3.94	4.84	4.73	4.49	4.15	4.18	4.12	4.15	4.45	4.92	5.20	5.51	5.45	5.11	4.97	4.15	3.80	3.71				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.68	-4.61	-8.31	-3.26	-3.27	-3.55	-3.73	-4.42	-5.96	-7.05	-18.25	-13.35	-3.92	-2.45	0.00	0.00	0.00				
74TH STREET_GT_2	24261	44.12	41.99	41.18	41.99	43.22	49.48	57.88	60.50	64.38	66.95	59.91	59.70	58.51	59.76	63.86	66.14	67.57	82.37	76.72	64.52	62.70	58.81	58.01	58.25				
		2.73	2.56	2.40	2.56	2.60	2.93	3.94	4.84	4.73	4.49	4.15	4.18	4.12	4.15	4.45	4.92	5.20	5.51	5.45	5.11	4.97	4.15	3.80	3.71				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.68	-4.61	-8.31	-3.26	-3.27	-3.55	-3.73	-4.42	-5.96	-7.05	-18.25	-13.35	-3.92	-2.45	0.00	0.00	0.00				
ADK HUDSON___FALLS	24011	44.12	42.06	41.30	42.03	43.30	49.76	56.74	59.03	58.92	58.69	55.91	55.76	54.23	55.30	58.76	59.82	68.11	86.90	79.69	64.28	61.95	57.66	58.23	58.53				
		2.73	2.64	2.52	2.60	2.68	3.21	2.80	3.13	2.92	2.82	2.73	2.82	2.64	2.65	2.86	3.32	3.32	3.69	3.77	3.50	3.37	3.01	4.01	3.98				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.91	-0.96	-1.73	-0.68	-0.68	-0.74	-0.78	-0.92	-1.24	-9.47	-24.60	-17.99	-5.29	-3.31	0.00	0.00	0.00				
ADK RESOURCE___RCVRY	23798	44.33	42.22	41.49	42.18	43.46	49.99	58.26	60.34	60.40	60.10	57.28	57.12	55.44	55.56	59.09	59.92	68.33	87.14	79.92	64.34	62.12	59.03	58.56	58.80				
		2.94	2.80	2.71	2.76	2.84	3.44	4.32	4.45	4.41	4.23	4.10	4.18	3.86	2.90	3.19	3.43	3.59	3.93	3.99	3.56	3.54	4.37	4.34	4.26				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.91	-0.95	-1.72	-0.67	-0.68	-0.74	-0.77	-0.92	-1.23	-9.41	-24.60	-18.00	-5.29	-3.31	0.00	0.00	0.00				
ADK S GLENS___FALLS	24028	44.12	42.06	41.30	42.03	43.30	49.76	56.74	59.03	58.92	58.69	55.91	55.76	54.23	55.30	58.76	59.82	68.11	86.90	79.69	64.28	61.95	57.66	58.23	58.53				
		2.73	2.64	2.52	2.60	2.68	3.21	2.80	3.13	2.92	2.82	2.73	2.82	2.64	2.65	2.86	3.32	3.32	3.69	3.77	3.50	3.37	3.01	4.01	3.98				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.91	-0.96	-1.73	-0.68	-0.68	-0.74	-0.78	-0.92	-1.24	-9.47	-24.60	-17.99	-5.29	-3.31	0.00	0.00	0.00				
ADK_NYS___DAM	23527	44.00	41.87	41.14	41.83	43.14	49.48	57.44	59.71	60.22	60.01	56.93	56.77	55.24	56.39	60.05	60.86	68.43	86.65	79.67	64.65	62.44	58.32	57.74	57.98				
		2.61	2.45	2.37	2.41	2.52	2.93	3.50	3.85	3.97	3.68	3.57	3.66	3.46	3.53	3.90	4.03	4.04	4.34	4.40	4.05	3.98	3.66	3.52	3.44				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.88	-1.21	-2.18	-0.86	-0.86	-0.93	-0.98	-1.16	-1.57	-9.07	-23.71	-17.34	-5.10	-3.19	0.00	0.00	0.00				
AIR_PRODUCTS___DRP	24190	42.84	40.76	40.02	40.72	41.96	48.13	55.77	58.01	58.13	57.96	55.21	55.00	53.60	54.66	57.98	58.87	66.85	84.97	77.90	62.97	60.81	56.68	56.17	56.40				
		1.45	1.34	1.24	1.30	1.34	1.58	1.83	2.14	2.09	2.00	2.00	2.04	1.98	1.97	2.03	2.32	2.32	2.46	2.49	2.33	2.32	2.02	1.95	1.85				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.88	-1.00	-1.80	-0.71	-0.71	-0.77	-0.81	-0.96	-1.29	-9.21	-23.90	-17.48	-5.14	-3.22	0.00	0.00	0.00				
AKWESSNE_115KV_BK	355683	41.60	39.62	39.01	39.62	40.82	46.55	53.78	54.38	54.66	53.93	52.40	52.15	50.79	51.78	54.65	54.49	54.44	57.49	56.94	54.61	54.50	54.44	54.32	54.76				
		0.21	0.20	0.23	0.20	0.20	0.00	-0.16	-0.60	-0.39	-0.22	-0.11	-0.10	-0.05	-0.10	-0.33	-0.77	-0.89	-1.11	-0.98	-0.89	-0.77	-0.22	0.11	0.22				
		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	43.26	41.20	40.52	41.20	42.40	48.64	56.37	58.38	58.35	57.86	55.19	55.04	53.52	54.73	58.25	58.99	66.91	84.90	77.97	63.19	61.23	57.28	56.77	57.06				
		1.86	1.78	1.75	1.78	1.79	2.10	2.43	2.53	2.48	2.22	2.10	2.19	2.04	2.18	2.48	2.65	2.66	2.93	2.95	2.66	2.82	2.62	2.55	2.51				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.86	-0.83	-1.49	-0.59	-0.59	-0.64	-0.67	-0.80	-1.07	-8.94	-23.36	-17.09	-5.02	-3.14	0.00	0.00	0.00				
ALBANY_2_SOLAR	323834	43.26	41.20	40.48	41.16	42.40	48.64	56.37	58.38	58.35	57.87	55.19	54.99	53.52	54.73	58.26	58.93	66.92	84.90	77.91	63.19	61.18	57.22	56.77	57.06				
		1.86	1.78	1.70	1.73	1.79	2.10	2.43	2.53	2.48	2.22	2.10	2.14	2.04	2.18	2.48	2.60	2.66	2.93	2.90	2.66	2.76	2.57	2.55	2.51				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.86	-0.83	-1.50	-0.59	-0.59	-0.64	-0.67	-0.80	-1.07	-8.94	-23.36	-17.09	-5.02	-3.14	0.00	0.00	0.00				
ALBANY___1	23571	42.84	40.76	40.02	40.72	41.96	48.13	55.77	58.01	58.13	57.96	55.21	55.00	53.60	54.66	57.98	58.87	66.85	84.97	77.90	62.97	60.81	56.68	56.17	56.40				
		1.45	1.34	1.24	1.30	1.34	1.58	1.83	2.14	2.09	2.00	2.00	2.04	1.98	1.97	2.03	2.32	2.32	2.46	2.49	2.33	2.32	2.02	1.95	1.85				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.88	-1.00	-1.80	-0.71	-0.71	-0.77	-0.81	-0.96	-1.29	-9.21	-23.90	-17.48	-5.14	-3.22	0.00	0.00	0.00				

ALBANY___2 23572	42.84 1.45 0.00	40.76 1.34 0.00	40.02 1.24 0.00	40.72 1.30 0.00	41.96 1.34 0.00	48.13 1.58 0.00	55.77 1.83 0.00	58.01 2.14 -0.88	58.13 2.09 -1.00	57.96 2.00 -1.80	55.21 2.00 -0.71	55.00 2.04 -0.71	53.60 1.98 -0.77	54.66 1.97 -0.81	57.98 2.03 -0.96	58.87 2.32 -1.29	66.85 2.32 -9.21	84.97 2.46 -23.90	77.90 2.49 -17.48	62.97 2.33 -5.14	60.81 2.32 -3.22	56.68 2.02 0.00	56.17 1.95 0.00	56.40 1.85 0.00
ALBANY___3 23573	42.84 1.45 0.00	40.76 1.34 0.00	40.02 1.24 0.00	40.72 1.30 0.00	41.96 1.34 0.00	48.13 1.58 0.00	55.77 1.83 0.00	58.01 2.14 -0.88	58.13 2.09 -1.00	57.96 2.00 -1.80	55.21 2.00 -0.71	55.00 2.04 -0.71	53.60 1.98 -0.77	54.66 1.97 -0.81	57.98 2.03 -0.96	58.87 2.32 -1.29	66.85 2.32 -9.21	84.97 2.46 -23.90	77.90 2.49 -17.48	62.97 2.33 -5.14	60.81 2.32 -3.22	56.68 2.02 0.00	56.17 1.95 0.00	56.40 1.85 0.00
ALBANY___4 23574	42.84 1.45 0.00	40.76 1.34 0.00	40.02 1.24 0.00	40.72 1.30 0.00	41.96 1.34 0.00	48.13 1.58 0.00	55.77 1.83 0.00	58.01 2.14 -0.88	58.13 2.09 -1.00	57.96 2.00 -1.80	55.21 2.00 -0.71	55.00 2.04 -0.71	53.60 1.98 -0.77	54.66 1.97 -0.81	57.98 2.03 -0.96	58.87 2.32 -1.29	66.85 2.32 -9.21	84.97 2.46 -23.90	77.90 2.49 -17.48	62.97 2.33 -5.14	60.81 2.32 -3.22	56.68 2.02 0.00	56.17 1.95 0.00	56.40 1.85 0.00
ALBANY___LFGE 323615	43.09 1.70 0.00	41.00 1.58 0.00	40.29 1.51 0.00	40.96 1.54 0.00	42.20 1.58 0.00	48.41 1.86 0.00	56.15 2.21 0.00	58.35 2.48 -0.89	58.57 2.53 -0.99	58.32 2.38 -1.79	55.51 2.31 -0.70	55.42 2.46 -0.70	53.90 2.29 -0.77	55.07 2.39 -0.80	58.52 2.58 -0.95	59.25 2.71 -1.28	67.25 2.71 -9.22	85.63 2.93 -24.09	78.45 2.90 -17.62	63.34 2.66 -5.18	61.17 2.65 -3.24	57.12 2.46 0.00	56.55 2.33 0.00	56.78 2.24 0.00
ALCOA_PA_115KV_PL-6C 55860	41.72 0.33 0.00	39.70 0.28 0.00	39.13 0.35 0.00	39.74 0.32 0.00	40.94 0.32 0.00	46.50 -0.05 0.00	53.72 -0.22 0.00	54.38 -0.60 0.00	54.60 -0.44 0.00	53.93 -0.22 0.00	52.40 -0.11 0.00	52.15 -0.10 0.00	50.74 -0.10 0.00	51.72 -0.16 0.00	54.65 -0.33 0.00	54.49 -0.77 0.00	54.44 -0.89 0.00	57.43 -1.17 0.00	56.94 -0.98 0.00	54.61 -0.89 0.00	54.50 -0.77 0.00	54.38 -0.27 0.00	54.32 0.11 0.00	54.76 0.22 0.00
ALCOA_RYNLDS___DRP 24188	41.72 0.33 0.00	39.70 0.28 0.00	39.13 0.35 0.00	39.74 0.32 0.00	40.94 0.32 0.00	46.50 -0.05 0.00	53.72 -0.22 0.00	54.38 -0.60 0.00	54.60 -0.44 0.00	53.93 -0.22 0.00	52.40 -0.11 0.00	52.15 -0.10 0.00	50.74 -0.10 0.00	51.72 -0.16 0.00	54.65 -0.33 0.00	54.49 -0.77 0.00	54.44 -0.89 0.00	57.43 -1.17 0.00	56.94 -0.98 0.00	54.61 -0.89 0.00	54.50 -0.77 0.00	54.38 -0.27 0.00	54.32 0.11 0.00	54.76 0.22 0.00
ALCOA___DSASP 323711	41.72 0.33 0.00	39.70 0.28 0.00	39.12 0.35 0.00	39.74 0.31 0.00	40.94 0.32 0.00	46.50 -0.05 0.00	53.78 -0.16 0.00	54.49 -0.50 0.00	54.55 -0.50 0.00	53.93 -0.22 0.00	52.35 -0.16 0.00	52.15 -0.10 0.00	50.74 -0.10 0.00	51.78 -0.10 0.00	54.49 -0.50 0.00	54.43 -0.83 0.00	54.49 -0.83 0.00	57.55 -1.05 0.00	56.94 -0.99 0.00	55.05 -0.45 0.00	54.55 -0.72 0.00	54.65 0.00 0.00	54.33 0.11 0.00	54.76 0.22 0.00
ALLEGHENY___COGEN 23514	40.19 -1.20 0.00	38.36 -1.06 0.00	37.85 -0.93 0.00	38.48 -0.95 0.00	39.76 -0.85 0.00	46.17 -0.37 0.00	53.35 -0.59 0.00	54.00 -1.10 -0.12	53.61 -1.43 0.00	53.20 -1.95 -1.00	57.50 -2.00 -6.99	51.03 -2.72 -1.49	50.14 -2.54 -1.84	63.15 -2.64 -13.92	72.24 -2.47 -19.74	74.43 -1.27 -20.44	67.54 -1.05 -13.27	87.46 -0.18 -29.03	84.42 -0.06 -26.55	77.86 -1.22 -23.58	90.23 -0.38 -35.35	78.61 -1.97 -25.92	52.48 -1.74 0.00	53.13 -1.42 0.00
ALTAMONT_115KV_TB 2 55880	42.72 1.32 0.00	40.68 1.26 0.00	39.98 1.20 0.00	40.65 1.22 0.00	41.88 1.26 0.00	48.04 1.49 0.00	55.72 1.78 0.00	57.90 2.03 -0.88	58.00 1.98 -0.98	57.75 1.84 -1.76	54.98 1.79 -0.69	54.73 1.78 -0.69	53.32 1.73 -0.75	54.43 1.76 -0.79	57.79 1.87 -0.94	58.68 2.16 -1.26	66.68 2.16 -9.20	84.83 2.34 -23.88	77.71 2.32 -17.47	62.80 2.16 -5.13	60.64 2.16 -3.21	56.51 1.86 0.00	56.01 1.79 0.00	56.29 1.75 0.00
ALTONA_WT_PWR 323606	40.98 -0.41 0.00	39.03 -0.39 0.00	38.46 -0.31 0.00	39.03 -0.39 0.00	40.21 -0.41 0.00	45.94 -0.61 0.00	52.80 -1.14 0.00	53.61 -1.37 0.00	53.67 -1.37 0.00	53.07 -1.08 0.00	51.61 -0.89 0.00	51.42 -0.84 0.00	50.13 -0.71 0.00	51.10 -0.78 0.00	53.82 -1.16 0.00	53.82 -1.44 0.00	54.05 -1.27 0.00	57.26 -1.35 0.00	56.71 -1.22 0.00	54.78 -0.72 0.00	54.22 -1.05 0.00	54.22 -0.44 0.00	53.84 -0.38 0.00	54.60 0.05 0.00
AMERICAN_REF_FUEL 24010	36.38 -5.01 0.00	34.65 -4.77 0.00	34.16 -4.62 0.00	34.77 -4.65 0.00	35.82 -4.79 0.00	41.52 -5.03 0.00	47.09 -6.85 0.00	46.66 -8.41 -0.09	46.23 -8.81 0.00	45.64 -8.28 0.23	43.65 -7.30 1.55	43.61 -8.31 0.34	42.60 -7.83 0.42	40.18 -8.61 3.09	41.37 -9.24 4.38	42.99 -7.74 4.54	45.29 -8.52 1.51	47.51 -8.38 2.71	46.52 -8.29 3.12	41.51 -9.38 4.60	40.69 -7.13 7.45	39.34 -9.56 5.75	45.98 -8.24 0.00	47.18 -7.36 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	37.05 -4.35 0.00	35.21 -4.22 0.00	34.90 -3.88 0.00	35.60 -3.82 0.00	36.92 -3.70 0.00	43.10 -3.44 0.00	48.98 -4.96 0.00	48.93 -6.16 -0.10	48.71 -6.33 0.00	47.58 -6.34 0.23	44.99 -5.88 1.64	45.69 -6.22 0.35	43.85 -6.56 0.43	42.03 -6.59 3.26	43.21 -7.15 4.63	43.89 -6.58 4.80	47.24 -6.64 1.44	48.91 -7.03 2.67	48.27 -6.66 3.00	42.60 -8.10 4.80	40.52 -6.91 7.84	40.27 -8.31 6.08	47.12 -7.10 0.00	47.83 -6.71 0.00
ARTHUR KILL_GT_1 23520	67.28 2.90 -22.99	66.32 2.72 -24.18	66.31 2.67 -24.87	66.32 2.80 -24.09	66.32 2.88 -22.82	66.29 3.02 -16.72	67.32 3.77 -9.61	72.94 4.56 -13.40	71.94 4.51 -12.38	71.93 4.06 -13.72	71.06 4.10 -14.46	71.06 4.18 -14.62	71.00 3.97 -16.19	71.05 4.41 -14.77	70.06 4.89 -10.19	71.07 4.36 -11.44	180.36 5.15 -119.89	236.17 5.45 -172.12	180.17 5.39 -116.85	175.70 4.94 -115.26	179.94 4.86 -119.81	78.53 4.32 -19.56	71.06 4.07 -12.78	68.94 3.87 -10.52
ARTHUR_KILL_2 23512	67.16 2.77 -22.99	66.20 2.60 -24.18	66.20 2.56 -24.87	66.20 2.68 -24.09	66.20 2.76 -22.82	66.20 2.93 -16.72	67.16 3.61 -9.61	72.78 4.40 -13.40	71.77 4.35 -12.38	71.77 3.90 -13.72	70.90 3.94 -14.46	70.90 4.02 -14.62	70.89 3.86 -16.19	70.90 4.25 -14.77	69.90 4.73 -10.19	70.90 4.20 -11.44	180.20 4.98 -119.89	236.00 5.28 -172.12	180.00 5.22 -116.85	175.53 4.77 -115.26	179.77 4.70 -119.81	78.32 4.10 -19.56	70.90 3.91 -12.78	68.78 3.71 -10.52
ARTHUR_KILL_3 23513	66.53 2.15 -22.99	65.60 2.01 -24.17	65.53 1.90 -24.86	65.52 2.01 -24.09	65.46 2.03 -22.81	65.51 2.23 -16.73	66.46 2.91 -9.61	72.18 3.79 -13.41	71.57 4.13 -12.39	71.68 3.79 -13.74	70.54 3.57 -14.47	70.60 3.71 -14.63	70.55 3.51 -16.20	70.44 3.79 -14.78	69.48 4.29 -10.20	71.08 4.36 -11.46	179.76 4.54 -119.90	235.59 4.86 -172.12	179.54 4.75 -116.86	175.10 4.33 -115.26	179.34 4.26 -119.82	77.83 3.61 -19.57	70.31 3.31 -12.79	68.08 3.00 -10.53

ARTHUR_KILL_COGEN 323718	67.28 2.90 -22.99	66.32 2.72 -24.18	66.31 2.67 -24.87	66.32 2.80 -24.09	66.32 2.88 -22.82	66.29 3.02 -16.72	67.32 3.77 -9.61	72.94 4.56 -13.40	71.94 4.51 -12.38	71.93 4.06 -13.72	71.06 4.10 -14.46	71.06 4.18 -14.62	71.00 3.97 -16.19	71.05 4.41 -14.77	70.06 4.89 -10.19	71.07 4.36 -11.44	180.36 5.15 -119.89	236.17 5.45 -172.12	180.17 5.39 -116.85	175.70 4.94 -115.26	179.94 4.86 -119.81	78.53 4.32 -19.56	71.06 4.07 -12.78	68.94 3.87 -10.52
ASHOKAN____ 23654	44.87 3.48 0.00	42.85 3.43 0.00	42.11 3.34 0.00	42.89 3.47 0.00	44.19 3.58 0.00	50.55 4.00 0.00	58.58 4.64 0.00	60.99 5.23 -0.78	60.49 5.45 0.00	58.81 4.66 0.00	56.75 4.25 0.00	56.54 4.29 0.00	54.76 3.92 0.00	56.24 4.36 0.00	60.04 5.06 0.00	59.35 4.09 0.00	68.08 4.65 -8.11	85.13 5.33 -21.20	78.70 5.27 -15.50	64.60 4.55 -4.55	64.15 6.03 -2.85	60.07 5.41 0.00	59.10 4.88 0.00	59.51 4.96 0.00
ASTORIA_EAST_ENERGY_CC1 323581	44.04 2.65 0.00	41.83 2.41 0.00	41.26 2.48 0.00	42.15 2.72 -0.01	43.42 2.80 -0.01	49.58 3.02 -0.01	57.78 3.83 -0.01	60.34 4.67 -0.68	63.82 4.18 -4.60	66.24 3.79 -8.30	59.43 3.67 -3.25	59.33 3.81 -3.26	58.00 3.61 -3.55	59.54 3.94 -3.72	63.80 4.40 -4.42	65.47 4.26 -5.95	67.05 4.76 -6.97	81.81 4.98 -18.23	76.18 4.92 -13.33	63.90 4.49 -3.91	62.19 4.47 -2.44	58.70 4.04 0.00	58.01 3.79 0.00	58.20 3.65 0.00
ASTORIA_EAST_ENERGY_CC2 323582	44.04 2.65 0.00	41.83 2.41 0.00	41.26 2.48 0.00	42.19 2.76 -0.01	43.42 2.80 -0.01	49.58 3.02 -0.01	57.78 3.83 -0.01	60.40 4.73 -0.68	63.82 4.18 -4.60	66.24 3.79 -8.30	59.43 3.67 -3.25	59.33 3.81 -3.26	58.00 3.61 -3.55	59.54 3.94 -3.72	63.80 4.40 -4.42	65.47 4.26 -5.95	67.05 4.76 -6.97	81.81 4.98 -18.23	76.18 4.92 -13.33	63.90 4.49 -3.91	62.19 4.47 -2.44	58.70 4.04 0.00	58.01 3.79 0.00	58.20 3.65 0.00
ASTORIA_GT2_1 24094	44.08 2.69 0.00	41.91 2.48 0.00	41.18 2.40 0.00	42.26 2.84 0.00	43.46 2.84 0.00	49.67 3.12 0.00	58.15 4.21 0.00	60.72 5.06 -0.68	63.78 4.13 -4.61	66.35 3.90 -8.31	59.38 3.62 -3.26	59.18 3.66 -3.27	58.06 3.66 -3.55	59.24 3.63 -3.73	63.25 3.85 -4.42	65.53 4.31 -5.96	66.96 4.59 -7.05	81.78 4.92 -18.25	76.08 4.81 -13.35	63.97 4.55 -3.92	62.20 4.48 -2.45	58.48 3.83 0.00	57.79 3.58 0.00	58.20 3.65 0.00
ASTORIA_GT2_2 24095	44.08 2.69 0.00	41.91 2.48 0.00	41.18 2.40 0.00	42.26 2.84 0.00	43.46 2.84 0.00	49.67 3.12 0.00	58.15 4.21 0.00	60.72 5.06 -0.68	63.78 4.13 -4.61	66.35 3.90 -8.31	59.38 3.62 -3.26	59.18 3.66 -3.27	58.06 3.66 -3.55	59.24 3.63 -3.73	63.25 3.85 -4.42	65.53 4.31 -5.96	66.96 4.59 -7.05	81.78 4.92 -18.25	76.08 4.81 -13.35	63.97 4.55 -3.92	62.20 4.48 -2.45	58.48 3.83 0.00	57.79 3.58 0.00	58.20 3.65 0.00
ASTORIA_GT2_3 24096	44.08 2.69 0.00	41.91 2.48 0.00	41.18 2.40 0.00	42.26 2.84 0.00	43.46 2.84 0.00	49.67 3.12 0.00	58.15 4.21 0.00	60.72 5.06 -0.68	63.78 4.13 -4.61	66.35 3.90 -8.31	59.38 3.62 -3.26	59.18 3.66 -3.27	58.06 3.66 -3.55	59.24 3.63 -3.73	63.25 3.85 -4.42	65.53 4.31 -5.96	66.96 4.59 -7.05	81.78 4.92 -18.25	76.08 4.81 -13.35	63.97 4.55 -3.92	62.20 4.48 -2.45	58.48 3.83 0.00	57.79 3.58 0.00	58.20 3.65 0.00
ASTORIA_GT2_4 24097	44.08 2.69 0.00	41.91 2.48 0.00	41.18 2.40 0.00	42.26 2.84 0.00	43.46 2.84 0.00	49.67 3.12 0.00	58.15 4.21 0.00	60.72 5.06 -0.68	63.78 4.13 -4.61	66.35 3.90 -8.31	59.38 3.62 -3.26	59.18 3.66 -3.27	58.06 3.66 -3.55	59.24 3.63 -3.73	63.25 3.85 -4.42	65.53 4.31 -5.96	66.96 4.59 -7.05	81.78 4.92 -18.25	76.08 4.81 -13.35	63.97 4.55 -3.92	62.20 4.48 -2.45	58.48 3.83 0.00	57.79 3.58 0.00	58.20 3.65 0.00
ASTORIA_GT3_1 24098	44.08 2.69 0.00	41.91 2.48 0.00	41.18 2.40 0.00	42.26 2.84 0.00	43.46 2.84 0.00	49.67 3.12 0.00	58.15 4.21 0.00	60.72 5.06 -0.68	63.78 4.13 -4.61	66.35 3.90 -8.31	59.38 3.62 -3.26	59.18 3.66 -3.27	58.06 3.66 -3.55	59.24 3.63 -3.73	63.25 3.85 -4.42	65.53 4.31 -5.96	66.96 4.59 -7.05	81.78 4.92 -18.25	76.08 4.81 -13.35	63.97 4.55 -3.92	62.20 4.48 -2.45	58.48 3.83 0.00	57.79 3.58 0.00	58.20 3.65 0.00
ASTORIA_GT3_2 24099	44.08 2.69 0.00	41.91 2.48 0.00	41.18 2.40 0.00	42.26 2.84 0.00	43.46 2.84 0.00	49.67 3.12 0.00	58.15 4.21 0.00	60.72 5.06 -0.68	63.78 4.13 -4.61	66.35 3.90 -8.31	59.38 3.62 -3.26	59.18 3.66 -3.27	58.06 3.66 -3.55	59.24 3.63 -3.73	63.25 3.85 -4.42	65.53 4.31 -5.96	66.96 4.59 -7.05	81.78 4.92 -18.25	76.08 4.81 -13.35	63.97 4.55 -3.92	62.20 4.48 -2.45	58.48 3.83 0.00	57.79 3.58 0.00	58.20 3.65 0.00
ASTORIA_GT3_3 24100	44.08 2.69 0.00	41.91 2.48 0.00	41.18 2.40 0.00	42.26 2.84 0.00	43.46 2.84 0.00	49.67 3.12 0.00	58.15 4.21 0.00	60.72 5.06 -0.68	63.78 4.13 -4.61	66.35 3.90 -8.31	59.38 3.62 -3.26	59.18 3.66 -3.27	58.06 3.66 -3.55	59.24 3.63 -3.73	63.25 3.85 -4.42	65.53 4.31 -5.96	66.96 4.59 -7.05	81.78 4.92 -18.25	76.08 4.81 -13.35	63.97 4.55 -3.92	62.20 4.48 -2.45	58.48 3.83 0.00	57.79 3.58 0.00	58.20 3.65 0.00
ASTORIA_GT3_4 24101	44.08 2.69 0.00	41.91 2.48 0.00	41.18 2.40 0.00	42.26 2.84 0.00	43.46 2.84 0.00	49.67 3.12 0.00	58.15 4.21 0.00	60.72 5.06 -0.68	63.78 4.13 -4.61	66.35 3.90 -8.31	59.38 3.62 -3.26	59.18 3.66 -3.27	58.06 3.66 -3.55	59.24 3.63 -3.73	63.25 3.85 -4.42	65.53 4.31 -5.96	66.96 4.59 -7.05	81.78 4.92 -18.25	76.08 4.81 -13.35	63.97 4.55 -3.92	62.20 4.48 -2.45	58.48 3.83 0.00	57.79 3.58 0.00	58.20 3.65 0.00
ASTORIA_GT4_1 24102	44.08 2.69 0.00	41.91 2.48 0.00	41.18 2.40 0.00	42.26 2.84 0.00	43.46 2.84 0.00	49.67 3.12 0.00	58.15 4.21 0.00	60.72 5.06 -0.68	63.78 4.13 -4.61	66.35 3.90 -8.31	59.38 3.62 -3.26	59.18 3.66 -3.27	58.06 3.66 -3.55	59.24 3.63 -3.73	63.25 3.85 -4.42	65.53 4.31 -5.96	66.96 4.59 -7.05	81.78 4.92 -18.25	76.08 4.81 -13.35	63.97 4.55 -3.92	62.20 4.48 -2.45	58.48 3.83 0.00	57.79 3.58 0.00	58.20 3.65 0.00
ASTORIA_GT4_2 24103	44.08 2.69 0.00	41.91 2.48 0.00	41.18 2.40 0.00	42.26 2.84 0.00	43.46 2.84 0.00	49.67 3.12 0.00	58.15 4.21 0.00	60.72 5.06 -0.68	63.78 4.13 -4.61	66.35 3.90 -8.31	59.38 3.62 -3.26	59.18 3.66 -3.27	58.06 3.66 -3.55	59.24 3.63 -3.73	63.25 3.85 -4.42	65.53 4.31 -5.96	66.96 4.59 -7.05	81.78 4.92 -18.25	76.08 4.81 -13.35	63.97 4.55 -3.92	62.20 4.48 -2.45	58.48 3.83 0.00	57.79 3.58 0.00	58.20 3.65 0.00
ASTORIA_GT4_3 24104	44.08 2.69 0.00	41.91 2.48 0.00	41.18 2.40 0.00	42.26 2.84 0.00	43.46 2.84 0.00	49.67 3.12 0.00	58.15 4.21 0.00	60.72 5.06 -0.68	63.78 4.13 -4.61	66.35 3.90 -8.31	59.38 3.62 -3.26	59.18 3.66 -3.27	58.06 3.66 -3.55	59.24 3.63 -3.73	63.25 3.85 -4.42	65.53 4.31 -5.96	66.96 4.59 -7.05	81.78 4.92 -18.25	76.08 4.81 -13.35	63.97 4.55 -3.92	62.20 4.48 -2.45	58.48 3.83 0.00	57.79 3.58 0.00	58.20 3.65 0.00

ASTORIA_GT4_4 24105	44.08 2.69 0.00	41.91 2.48 0.00	41.18 2.40 0.00	42.26 2.84 0.00	43.46 2.84 0.00	49.67 3.12 0.00	58.15 4.21 0.00	60.72 5.06 -0.68	63.78 4.13 -4.61	66.35 3.90 -8.31	59.38 3.62 -3.26	59.18 3.66 -3.27	58.06 3.66 -3.55	59.24 3.63 -3.73	63.25 3.85 -4.42	65.53 4.31 -5.96	66.96 4.59 -7.05	81.78 4.92 -18.25	76.08 4.81 -13.35	63.97 4.55 -3.92	62.20 4.48 -2.45	58.48 3.83 0.00	57.79 3.58 0.00	58.20 3.65 0.00
ASTORIA_GT_1 23523	44.12 2.73 0.00	41.91 2.49 0.00	41.33 2.56 0.00	42.23 2.80 -0.01	43.51 2.88 -0.01	49.67 3.12 -0.01	57.88 3.94 -0.01	60.51 4.84 -0.68	63.99 4.35 -4.60	66.40 3.95 -8.30	59.58 3.83 -3.25	59.49 3.97 -3.26	58.10 3.71 -3.55	59.65 4.05 -3.72	63.91 4.51 -4.42	65.63 4.42 -5.95	67.16 4.87 -6.97	81.99 5.16 -18.23	76.36 5.10 -13.33	64.07 4.66 -3.91	62.30 4.58 -2.44	58.81 4.15 0.00	58.12 3.91 0.00	58.36 3.82 0.00
ASTORIA_GT_10 24110	44.04 2.65 0.00	41.91 2.48 0.00	41.10 2.33 0.00	41.99 2.56 0.00	43.17 2.56 0.00	49.34 2.79 0.00	57.72 3.78 0.00	60.33 4.67 -0.68	64.00 4.35 -4.61	66.63 4.17 -8.31	59.65 3.89 -3.26	59.44 3.92 -3.27	58.26 3.86 -3.55	59.55 3.94 -3.73	63.58 4.18 -4.42	65.86 4.64 -5.96	67.29 4.92 -7.05	82.07 5.22 -18.25	76.37 5.10 -13.35	64.25 4.83 -3.92	62.42 4.70 -2.45	58.59 3.94 0.00	57.90 3.69 0.00	58.20 3.65 0.00
ASTORIA_GT_11 24225	44.04 2.65 0.00	41.91 2.48 0.00	41.10 2.33 0.00	41.99 2.56 0.00	43.17 2.56 0.00	49.34 2.79 0.00	57.72 3.78 0.00	60.33 4.67 -0.68	64.00 4.35 -4.61	66.63 4.17 -8.31	59.65 3.89 -3.26	59.44 3.92 -3.27	58.26 3.86 -3.55	59.55 3.94 -3.73	63.58 4.18 -4.42	65.86 4.64 -5.96	67.29 4.92 -7.05	82.07 5.22 -18.25	76.37 5.10 -13.35	64.25 4.83 -3.92	62.42 4.70 -2.45	58.59 3.94 0.00	57.90 3.69 0.00	58.20 3.65 0.00
ASTORIA_GT_12 24226	44.04 2.65 0.00	41.91 2.48 0.00	41.10 2.33 0.00	41.99 2.56 0.00	43.17 2.56 0.00	49.34 2.79 0.00	57.72 3.78 0.00	60.33 4.67 -0.68	64.00 4.35 -4.61	66.63 4.17 -8.31	59.65 3.89 -3.26	59.44 3.92 -3.27	58.26 3.86 -3.55	59.55 3.94 -3.73	63.58 4.18 -4.42	65.86 4.64 -5.96	67.29 4.92 -7.05	82.07 5.22 -18.25	76.37 5.10 -13.35	64.25 4.83 -3.92	62.42 4.70 -2.45	58.59 3.94 0.00	57.90 3.69 0.00	58.20 3.65 0.00
ASTORIA_GT_13 24227	44.04 2.65 0.00	41.91 2.48 0.00	41.10 2.33 0.00	41.99 2.56 0.00	43.17 2.56 0.00	49.34 2.79 0.00	57.72 3.78 0.00	60.33 4.67 -0.68	64.00 4.35 -4.61	66.63 4.17 -8.31	59.65 3.89 -3.26	59.44 3.92 -3.27	58.26 3.86 -3.55	59.55 3.94 -3.73	63.58 4.18 -4.42	65.86 4.64 -5.96	67.29 4.92 -7.05	82.07 5.22 -18.25	76.37 5.10 -13.35	64.25 4.83 -3.92	62.42 4.70 -2.45	58.59 3.94 0.00	57.90 3.69 0.00	58.20 3.65 0.00
ASTORIA_GT_5 24106	44.17 2.77 0.00	41.99 2.56 0.00	41.22 2.44 0.00	42.30 2.88 0.00	43.50 2.88 0.00	49.76 3.21 0.00	58.20 4.26 0.00	60.83 5.17 -0.68	63.89 4.24 -4.61	66.46 4.01 -8.31	59.49 3.73 -3.26	59.29 3.76 -3.27	58.16 3.76 -3.55	59.35 3.74 -3.73	63.36 3.96 -4.42	65.64 4.42 -5.96	67.07 4.70 -7.05	81.90 5.04 -18.25	76.20 4.92 -13.35	64.08 4.66 -3.92	62.31 4.59 -2.45	58.59 3.94 0.00	57.90 3.69 0.00	58.31 3.76 0.00
ASTORIA_GT_7 24107	44.17 2.77 0.00	41.99 2.56 0.00	41.22 2.44 0.00	42.30 2.88 0.00	43.50 2.88 0.00	49.76 3.21 0.00	58.20 4.26 0.00	60.83 5.17 -0.68	63.89 4.24 -4.61	66.46 4.01 -8.31	59.49 3.73 -3.26	59.29 3.76 -3.27	58.16 3.76 -3.55	59.35 3.74 -3.73	63.36 3.96 -4.42	65.64 4.42 -5.96	67.07 4.70 -7.05	81.90 5.04 -18.25	76.20 4.92 -13.35	64.08 4.66 -3.92	62.31 4.59 -2.45	58.59 3.94 0.00	57.90 3.69 0.00	58.31 3.76 0.00
ASTORIA_GT_8 24108	44.17 2.77 0.00	41.99 2.56 0.00	41.22 2.44 0.00	42.30 2.88 0.00	43.50 2.88 0.00	49.76 3.21 0.00	58.20 4.26 0.00	60.83 5.17 -0.68	63.89 4.24 -4.61	66.46 4.01 -8.31	59.49 3.73 -3.26	59.29 3.76 -3.27	58.16 3.76 -3.55	59.35 3.74 -3.73	63.36 3.96 -4.42	65.64 4.42 -5.96	67.07 4.70 -7.05	81.90 5.04 -18.25	76.20 4.92 -13.35	64.08 4.66 -3.92	62.31 4.59 -2.45	58.59 3.94 0.00	57.90 3.69 0.00	58.31 3.76 0.00
ASTORIA___2 24149	44.08 2.69 0.00	41.87 2.45 0.00	41.30 2.52 0.00	42.19 2.76 -0.01	43.42 2.80 -0.01	49.58 3.02 -0.01	57.78 3.83 -0.01	60.40 4.73 -0.68	63.82 4.18 -4.60	66.29 3.85 -8.30	59.48 3.73 -3.25	59.38 3.87 -3.26	58.00 3.61 -3.55	59.54 3.94 -3.72	63.80 4.40 -4.42	65.52 4.31 -5.95	67.05 4.76 -6.97	81.88 5.04 -18.23	76.24 4.98 -13.33	63.96 4.55 -3.91	62.19 4.47 -2.44	58.70 4.04 0.00	58.01 3.79 0.00	58.26 3.71 0.00
ASTORIA___3 23516	44.00 2.61 0.00	41.87 2.45 0.00	41.14 2.37 0.00	41.91 2.49 0.00	43.18 2.56 0.00	49.25 2.70 0.00	57.40 3.46 0.00	60.00 4.34 -0.68	64.05 4.41 -4.61	66.52 4.06 -8.31	59.70 3.94 -3.26	59.60 4.08 -3.27	58.26 3.86 -3.55	59.76 4.15 -3.73	64.08 4.67 -4.42	65.75 4.53 -5.96	67.28 4.98 -6.98	82.12 5.28 -18.24	76.48 5.22 -13.34	64.13 4.71 -3.91	62.42 4.70 -2.45	58.81 4.15 0.00	58.07 3.85 0.00	58.20 3.65 0.00
ASTORIA___4 23517	44.04 2.65 0.00	41.91 2.48 0.00	41.10 2.33 0.00	41.99 2.56 0.00	43.17 2.56 0.00	49.34 2.79 0.00	57.72 3.78 0.00	60.33 4.67 -0.68	64.00 4.35 -4.61	66.63 4.17 -8.31	59.65 3.89 -3.26	59.44 3.92 -3.27	58.26 3.86 -3.55	59.55 3.94 -3.73	63.58 4.18 -4.42	65.86 4.64 -5.96	67.29 4.92 -7.05	82.07 5.22 -18.25	76.37 5.10 -13.35	64.25 4.83 -3.92	62.42 4.70 -2.45	58.59 3.94 0.00	57.90 3.69 0.00	58.20 3.65 0.00
ASTORIA___5 23518	44.00 2.61 0.00	41.87 2.45 0.00	41.14 2.37 0.00	41.91 2.49 0.00	43.18 2.56 0.00	49.25 2.70 0.00	57.40 3.46 0.00	60.00 4.34 -0.68	64.05 4.41 -4.61	66.52 4.06 -8.31	59.70 3.94 -3.26	59.60 4.08 -3.27	58.26 3.86 -3.55	59.76 4.15 -3.73	64.08 4.67 -4.42	65.75 4.53 -5.96	67.28 4.98 -6.98	82.12 5.28 -18.24	76.48 5.22 -13.34	64.13 4.71 -3.91	62.42 4.70 -2.45	58.81 4.15 0.00	58.07 3.85 0.00	58.20 3.65 0.00
AST_ENERGY_2_CC3 323677	43.71 2.32 0.00	41.59 2.17 0.00	40.83 2.05 0.00	41.59 2.17 0.00	42.77 2.15 0.00	48.87 2.33 0.00	57.01 3.07 0.00	59.56 3.90 -0.68	64.06 4.41 -4.61	66.53 4.06 -8.32	59.58 3.83 -3.25	59.43 3.92 -3.26	58.11 3.71 -3.56	59.58 4.05 -3.65	59.57 4.51 -0.08	59.58 4.58 0.26	59.58 4.81 0.55	60.20 5.10 3.50	63.58 5.04 -0.61	59.58 4.55 0.47	59.58 4.47 0.17	58.48 3.82 0.00	57.74 3.52 0.00	57.82 3.27 0.00
AST_ENERGY_2_CC4 323678	43.71 2.32 0.00	41.59 2.17 0.00	40.83 2.05 0.00	41.59 2.17 0.00	42.77 2.15 0.00	48.87 2.33 0.00	57.01 3.07 0.00	59.56 3.90 -0.68	64.06 4.41 -4.61	66.53 4.06 -8.32	59.58 3.83 -3.25	59.43 3.92 -3.26	58.11 3.71 -3.56	59.58 4.05 -3.65	59.57 4.51 -0.08	59.58 4.58 0.26	59.58 4.81 0.55	60.20 5.10 3.50	63.58 5.04 -0.61	59.58 4.55 0.47	59.58 4.47 0.17	58.48 3.82 0.00	57.74 3.52 0.00	57.82 3.27 0.00

ATHENS_STG_1 23668	42.92 1.53 0.00	40.84 1.42 0.00	40.17 1.39 0.00	40.84 1.42 0.00	42.08 1.46 0.00	48.22 1.67 0.00	55.99 2.05 0.00	58.19 2.42 -0.79	59.29 2.59 -1.66	59.47 2.33 -2.99	55.93 2.26 -1.17	55.73 2.30 -1.18	54.31 2.18 -1.28	55.56 2.34 -1.34	59.21 2.64 -1.59	60.17 2.76 -2.15	66.15 2.71 -8.12	82.69 2.87 -21.21	76.34 2.90 -15.51	62.66 2.61 -4.55	60.72 2.60 -2.85	56.90 2.24 0.00	56.33 2.11 0.00	56.51 1.96 0.00
ATHENS_STG_2 23670	42.92 1.53 0.00	40.84 1.42 0.00	40.17 1.39 0.00	40.84 1.42 0.00	42.08 1.46 0.00	48.22 1.67 0.00	55.99 2.05 0.00	58.19 2.42 -0.79	59.29 2.59 -1.66	59.47 2.33 -2.99	55.93 2.26 -1.17	55.73 2.30 -1.18	54.31 2.18 -1.28	55.56 2.34 -1.34	59.21 2.64 -1.59	60.17 2.76 -2.15	66.15 2.71 -8.12	82.69 2.87 -21.21	76.34 2.90 -15.51	62.66 2.61 -4.55	60.72 2.60 -2.85	56.90 2.24 0.00	56.33 2.11 0.00	56.51 1.96 0.00
ATHENS_STG_3 23677	42.92 1.53 0.00	40.84 1.42 0.00	40.17 1.39 0.00	40.84 1.42 0.00	42.08 1.46 0.00	48.22 1.67 0.00	55.99 2.05 0.00	58.19 2.42 -0.79	59.29 2.59 -1.66	59.47 2.33 -2.99	55.93 2.26 -1.17	55.73 2.30 -1.18	54.31 2.18 -1.28	55.56 2.34 -1.34	59.21 2.64 -1.59	60.17 2.76 -2.15	66.15 2.71 -8.12	82.69 2.87 -21.21	76.34 2.90 -15.51	62.66 2.61 -4.55	60.72 2.60 -2.85	56.90 2.24 0.00	56.33 2.11 0.00	56.51 1.96 0.00
AUBURN___LFGE 323710	40.73 -0.66 0.00	38.79 -0.63 0.00	38.19 -0.58 0.00	38.83 -0.59 0.00	40.01 -0.61 0.00	46.13 -0.42 0.00	53.56 -0.38 0.00	54.74 -0.33 -0.09	54.60 -0.44 0.00	53.50 -0.65 0.00	51.93 -0.58 0.00	51.68 -0.57 0.00	50.23 -0.61 0.00	51.20 -0.67 0.00	54.43 -0.55 0.00	54.98 -0.28 0.00	55.98 -0.22 -0.88	61.06 0.12 -2.33	59.69 0.06 -1.71	55.89 -0.11 -0.50	55.36 -0.22 -0.31	54.16 -0.49 0.00	53.46 -0.76 0.00	53.73 -0.82 0.00
BABYLON_RES_REC 323704	45.13 3.73 -0.01	42.94 3.51 -0.01	42.20 3.41 -0.01	42.93 3.51 0.00	44.27 3.66 0.00	50.69 4.14 0.00	60.66 4.96 -1.76	72.53 5.61 -11.94	68.09 5.89 -7.16	67.58 5.15 -8.29	60.59 4.83 -3.26	60.54 5.02 -3.27	59.33 4.93 -3.55	61.82 5.29 -4.65	68.46 6.27 -7.21	71.50 5.75 -10.50	83.12 5.81 -21.99	102.53 5.86 -38.07	89.47 5.85 -25.69	88.21 5.60 -27.11	72.82 5.75 -11.80	71.04 5.08 -11.30	66.40 5.37 -6.82	64.51 5.13 -4.84
BABYLON__69_KV_BK2 356345	45.67 4.26 -0.01	43.41 3.98 -0.01	42.62 3.84 -0.01	43.29 3.86 0.00	44.35 3.74 0.00	51.06 4.52 0.00	61.67 5.99 -1.74	73.52 6.71 -11.83	68.73 6.55 -7.13	68.56 6.12 -8.29	61.59 5.83 -3.26	61.33 5.80 -3.27	60.04 5.64 -3.55	62.38 5.86 -4.64	68.76 6.60 -7.18	72.74 7.02 -10.46	84.48 7.25 -21.91	103.99 7.50 -37.88	91.04 7.53 -25.58	89.64 7.27 -26.87	74.18 7.19 -11.72	72.25 6.39 -11.20	67.10 6.13 -6.76	65.18 5.84 -4.79
BALL_HILL_WT_PWR 323825	37.50 -3.89 0.00	35.68 -3.75 0.00	35.25 -3.53 0.00	35.88 -3.55 0.00	37.08 -3.53 0.00	43.10 -3.44 0.00	48.98 -4.96 0.00	48.87 -6.21 -0.10	48.60 -6.44 0.00	47.45 -6.39 0.31	44.38 -5.93 2.20	45.52 -6.27 0.47	43.76 -6.51 0.58	41.07 -6.43 4.38	41.90 -6.87 6.21	42.70 -6.14 6.43	46.75 -6.14 2.43	47.38 -6.39 4.84	47.04 -5.91 4.98	41.46 -7.38 6.66	38.48 -6.14 10.65	38.90 -7.60 8.16	47.76 -6.45 0.00	48.71 -5.84 0.00
BARON_WINDS___WT_PWR 323822	38.70 -2.69 0.00	36.86 -2.56 0.00	36.41 -2.37 0.00	37.06 -2.36 0.00	38.26 -2.36 0.00	44.36 -2.19 0.00	51.13 -2.81 0.00	51.72 -3.41 -0.14	51.41 -3.63 0.00	48.63 -3.90 1.62	37.32 -3.78 11.40	46.06 -3.76 2.43	43.67 -4.17 3.00	25.40 -3.79 22.70	18.95 -3.85 32.18	18.56 -3.37 33.33	34.40 -3.10 17.83	17.88 -3.17 37.56	19.18 -2.78 35.97	14.97 -4.00 36.53	-4.65 -3.48 56.44	8.00 -4.37 42.28	50.26 -3.96 0.00	50.83 -3.71 0.00
BARRETT_IC_1 23704	44.43 3.02 -0.02	42.43 2.99 -0.02	41.70 2.91 -0.02	42.46 3.04 0.00	43.70 3.09 0.00	50.04 3.49 0.00	59.69 4.05 -1.71	71.05 4.45 -11.62	66.92 4.79 -7.09	66.93 4.49 -8.29	59.91 4.15 -3.26	59.86 4.33 -3.27	58.67 4.27 -3.55	61.04 4.57 -4.59	67.24 5.23 -7.03	70.71 5.25 -10.20	81.97 5.09 -21.57	101.44 5.33 -37.50	88.60 5.33 -25.34	86.83 4.89 -26.44	71.48 5.03 -11.18	69.58 4.37 -10.55	64.92 4.34 -6.36	63.16 4.09 -4.52
BARRETT_IC_10 23701	44.43 3.02 -0.02	42.43 2.99 -0.02	41.70 2.91 -0.02	42.46 3.04 0.00	43.70 3.09 0.00	50.04 3.49 0.00	59.69 4.05 -1.71	71.05 4.45 -11.62	66.92 4.79 -7.09	66.93 4.49 -8.29	59.91 4.15 -3.26	59.86 4.33 -3.27	58.67 4.27 -3.55	61.04 4.57 -4.59	67.24 5.23 -7.03	70.71 5.25 -10.20	81.97 5.09 -21.57	101.44 5.33 -37.50	88.60 5.33 -25.34	86.83 4.89 -26.44	71.48 5.03 -11.18	69.58 4.37 -10.55	64.92 4.34 -6.36	63.16 4.09 -4.52
BARRETT_IC_11 23702	44.43 3.02 -0.02	42.43 2.99 -0.02	41.70 2.91 -0.02	42.46 3.04 0.00	43.70 3.09 0.00	50.04 3.49 0.00	59.69 4.05 -1.71	71.05 4.45 -11.62	66.92 4.79 -7.09	66.93 4.49 -8.29	59.91 4.15 -3.26	59.86 4.33 -3.27	58.67 4.27 -3.55	61.04 4.57 -4.59	67.24 5.23 -7.03	70.71 5.25 -10.20	81.97 5.09 -21.57	101.44 5.33 -37.50	88.60 5.33 -25.34	86.83 4.89 -26.44	71.48 5.03 -11.18	69.58 4.37 -10.55	64.92 4.34 -6.36	63.16 4.09 -4.52
BARRETT_IC_12 23703	44.43 3.02 -0.02	42.43 2.99 -0.02	41.70 2.91 -0.02	42.46 3.04 0.00	43.70 3.09 0.00	50.04 3.49 0.00	59.69 4.05 -1.71	71.05 4.45 -11.62	66.92 4.79 -7.09	66.93 4.49 -8.29	59.91 4.15 -3.26	59.86 4.33 -3.27	58.67 4.27 -3.55	61.04 4.57 -4.59	67.24 5.23 -7.03	70.71 5.25 -10.20	81.97 5.09 -21.57	101.44 5.33 -37.50	88.60 5.33 -25.34	86.83 4.89 -26.44	71.48 5.03 -11.18	69.58 4.37 -10.55	64.92 4.34 -6.36	63.16 4.09 -4.52
BARRETT_IC_2 23705	44.43 3.02 -0.02	42.43 2.99 -0.02	41.70 2.91 -0.02	42.46 3.04 0.00	43.70 3.09 0.00	50.04 3.49 0.00	59.69 4.05 -1.71	71.05 4.45 -11.62	66.92 4.79 -7.09	66.93 4.49 -8.29	59.91 4.15 -3.26	59.86 4.33 -3.27	58.67 4.27 -3.55	61.04 4.57 -4.59	67.24 5.23 -7.03	70.71 5.25 -10.20	81.97 5.09 -21.57	101.44 5.33 -37.50	88.60 5.33 -25.34	86.83 4.89 -26.44	71.48 5.03 -11.18	69.58 4.37 -10.55	64.92 4.34 -6.36	63.16 4.09 -4.52
BARRETT_IC_3 23706	44.43 3.02 -0.02	42.43 2.99 -0.02	41.70 2.91 -0.02	42.46 3.04 0.00	43.70 3.09 0.00	50.04 3.49 0.00	59.69 4.05 -1.71	71.05 4.45 -11.62	66.92 4.79 -7.09	66.93 4.49 -8.29	59.91 4.15 -3.26	59.86 4.33 -3.27	58.67 4.27 -3.55	61.04 4.57 -4.59	67.24 5.23 -7.03	70.71 5.25 -10.20	81.97 5.09 -21.57	101.44 5.33 -37.50	88.60 5.33 -25.34	86.83 4.89 -26.44	71.48 5.03 -11.18	69.58 4.37 -10.55	64.92 4.34 -6.36	63.16 4.09 -4.52
BARRETT_IC_4 23707	44.43 3.02 -0.02	42.43 2.99 -0.02	41.70 2.91 -0.02	42.46 3.04 0.00	43.70 3.09 0.00	50.04 3.49 0.00	59.69 4.05 -1.71	71.05 4.45 -11.62	66.92 4.79 -7.09	66.93 4.49 -8.29	59.91 4.15 -3.26	59.86 4.33 -3.27	58.67 4.27 -3.55	61.04 4.57 -4.59	67.24 5.23 -7.03	70.71 5.25 -10.20	81.97 5.09 -21.57	101.44 5.33 -37.50	88.60 5.33 -25.34	86.83 4.89 -26.44	71.48 5.03 -11.18	69.58 4.37 -10.55	64.92 4.34 -6.36	63.16 4.09 -4.52

BARRETT_IC_5 23708	44.43 3.02 -0.02	42.43 2.99 -0.02	41.70 2.91 -0.02	42.46 3.04 0.00	43.70 3.09 0.00	50.04 3.49 0.00	59.69 4.05 -1.71	71.05 4.45 -11.62	66.92 4.79 -7.09	66.93 4.49 -8.29	59.91 4.15 -3.26	59.86 4.33 -3.27	58.67 4.27 -3.55	61.04 4.57 -4.59	67.24 5.23 -7.03	70.71 5.25 -10.20	81.97 5.09 -21.57	101.44 5.33 -37.50	88.60 5.33 -25.34	86.83 4.89 -26.44	71.48 5.03 -11.18	69.58 4.37 -10.55	64.92 4.34 -6.36	63.16 4.09 -4.52
BARRETT_IC_6 23709	44.43 3.02 -0.02	42.43 2.99 -0.02	41.70 2.91 -0.02	42.46 3.04 0.00	43.70 3.09 0.00	50.04 3.49 0.00	59.69 4.05 -1.71	71.05 4.45 -11.62	66.92 4.79 -7.09	66.93 4.49 -8.29	59.91 4.15 -3.26	59.86 4.33 -3.27	58.67 4.27 -3.55	61.04 4.57 -4.59	67.24 5.23 -7.03	70.71 5.25 -10.20	81.97 5.09 -21.57	101.44 5.33 -37.50	88.60 5.33 -25.34	86.83 4.89 -26.44	71.48 5.03 -11.18	69.58 4.37 -10.55	64.92 4.34 -6.36	63.16 4.09 -4.52
BARRETT_IC_7 23710	44.60 3.19 -0.02	42.51 3.08 -0.02	41.70 2.91 -0.02	42.42 3.00 0.00	43.50 2.88 0.00	49.99 3.44 0.00	59.91 4.26 -1.71	71.38 4.78 -11.62	66.86 4.73 -7.09	67.15 4.71 -8.29	60.17 4.41 -3.26	59.92 4.39 -3.27	58.77 4.37 -3.55	60.62 4.15 -4.59	66.68 4.67 -7.03	70.49 5.03 -10.20	82.05 5.09 -21.64	101.45 5.33 -37.51	88.61 5.33 -25.35	87.00 5.05 -26.45	71.59 5.14 -11.18	69.52 4.32 -10.55	64.81 4.23 -6.36	63.05 3.98 -4.52
BARRETT_IC_8 23711	44.43 3.02 -0.02	42.43 2.99 -0.02	41.70 2.91 -0.02	42.46 3.04 0.00	43.70 3.09 0.00	50.04 3.49 0.00	59.69 4.05 -1.71	71.05 4.45 -11.62	66.92 4.79 -7.09	66.93 4.49 -8.29	59.91 4.15 -3.26	59.86 4.33 -3.27	58.67 4.27 -3.55	61.04 4.57 -4.59	67.24 5.23 -7.03	70.71 5.25 -10.20	81.97 5.09 -21.57	101.44 5.33 -37.50	88.60 5.33 -25.34	86.83 4.89 -26.44	71.48 5.03 -11.18	69.58 4.37 -10.55	64.92 4.34 -6.36	63.16 4.09 -4.52
BARRETT_IC_9 23700	44.43 3.02 -0.02	42.43 2.99 -0.02	41.70 2.91 -0.02	42.46 3.04 0.00	43.70 3.09 0.00	50.04 3.49 0.00	59.69 4.05 -1.71	71.05 4.45 -11.62	66.92 4.79 -7.09	66.93 4.49 -8.29	59.91 4.15 -3.26	59.86 4.33 -3.27	58.67 4.27 -3.55	61.04 4.57 -4.59	67.24 5.23 -7.03	70.71 5.25 -10.20	81.97 5.09 -21.57	101.44 5.33 -37.50	88.60 5.33 -25.34	86.83 4.89 -26.44	71.48 5.03 -11.18	69.58 4.37 -10.55	64.92 4.34 -6.36	63.16 4.09 -4.52
BARRETT___1 23545	44.43 3.02 -0.02	42.43 2.99 -0.02	41.70 2.91 -0.02	42.46 3.04 0.00	43.70 3.09 0.00	50.04 3.49 0.00	59.69 4.05 -1.71	71.05 4.45 -11.62	66.92 4.79 -7.09	66.93 4.49 -8.29	59.91 4.15 -3.26	59.86 4.33 -3.27	58.67 4.27 -3.55	61.04 4.57 -4.59	67.24 5.23 -7.03	70.71 5.25 -10.20	81.97 5.09 -21.57	101.44 5.33 -37.50	88.60 5.33 -25.34	86.83 4.89 -26.44	71.48 5.03 -11.18	69.58 4.37 -10.55	64.92 4.34 -6.36	63.16 4.09 -4.52
BARRETT___2 23546	44.43 3.02 -0.02	42.43 2.99 -0.02	41.70 2.91 -0.02	42.46 3.04 0.00	43.70 3.09 0.00	50.04 3.49 0.00	59.69 4.05 -1.71	71.05 4.45 -11.62	66.92 4.79 -7.09	66.93 4.49 -8.29	59.91 4.15 -3.26	59.86 4.33 -3.27	58.67 4.27 -3.55	61.04 4.57 -4.59	67.24 5.23 -7.03	70.71 5.25 -10.20	81.97 5.09 -21.57	101.44 5.33 -37.50	88.60 5.33 -25.34	86.83 4.89 -26.44	71.48 5.03 -11.18	69.58 4.37 -10.55	64.92 4.34 -6.36	63.16 4.09 -4.52
BATAVIA___115KV_TB1 55881	38.12 -3.27 0.00	36.47 -2.96 0.00	35.95 -2.83 0.00	36.35 -3.08 0.00	37.69 -2.92 0.00	43.80 -2.75 0.00	49.57 -4.37 0.00	50.01 -5.06 -0.09	49.76 -5.28 0.00	48.68 -5.31 0.16	46.67 -4.73 1.11	46.89 -5.12 0.24	45.51 -5.03 0.30	44.85 -4.82 2.21	46.90 -4.95 3.13	47.27 -4.75 3.24	49.54 -4.92 0.85	52.90 -4.40 1.31	51.49 -4.63 1.80	48.31 -4.05 3.14	45.67 -4.37 5.23	46.06 -4.48 4.11	48.96 -5.26 0.00	49.64 -4.91 0.00
BAYONEEC___CTG1 323682	43.75 2.36 0.00	41.63 2.21 0.00	40.87 2.09 0.00	41.63 2.21 0.00	42.85 2.23 0.00	49.01 2.47 0.00	57.12 3.18 0.00	59.73 4.07 -0.68	64.06 4.41 -4.61	66.53 4.06 -8.32	59.60 3.83 -3.26	59.50 3.97 -3.27	58.16 3.76 -3.56	59.66 4.05 -3.74	63.97 4.56 -4.43	65.87 4.64 -5.96	67.11 4.81 -6.98	82.00 5.16 -18.24	76.37 5.10 -13.34	64.02 4.60 -3.91	62.25 4.53 -2.45	58.53 3.88 0.00	57.79 3.58 0.00	57.82 3.27 0.00
BAYONEEC___CTG10 323750	43.75 2.36 0.00	41.63 2.21 0.00	40.87 2.09 0.00	41.63 2.21 0.00	42.85 2.23 0.00	49.01 2.47 0.00	57.12 3.18 0.00	59.73 4.07 -0.68	64.06 4.41 -4.61	66.53 4.06 -8.32	59.60 3.83 -3.26	59.50 3.97 -3.27	58.16 3.76 -3.56	59.66 4.05 -3.74	63.97 4.56 -4.43	65.87 4.64 -5.96	67.11 4.81 -6.98	82.00 5.16 -18.24	76.37 5.10 -13.34	64.02 4.60 -3.91	62.25 4.53 -2.45	58.53 3.88 0.00	57.79 3.58 0.00	57.82 3.27 0.00
BAYONEEC___CTG2 323683	43.75 2.36 0.00	41.63 2.21 0.00	40.87 2.09 0.00	41.63 2.21 0.00	42.85 2.23 0.00	49.01 2.47 0.00	57.12 3.18 0.00	59.73 4.07 -0.68	64.06 4.41 -4.61	66.53 4.06 -8.32	59.60 3.83 -3.26	59.50 3.97 -3.27	58.16 3.76 -3.56	59.66 4.05 -3.74	63.97 4.56 -4.43	65.87 4.64 -5.96	67.11 4.81 -6.98	82.00 5.16 -18.24	76.37 5.10 -13.34	64.02 4.60 -3.91	62.25 4.53 -2.45	58.53 3.88 0.00	57.79 3.58 0.00	57.82 3.27 0.00
BAYONEEC___CTG3 323684	43.75 2.36 0.00	41.63 2.21 0.00	40.87 2.09 0.00	41.63 2.21 0.00	42.85 2.23 0.00	49.01 2.47 0.00	57.12 3.18 0.00	59.73 4.07 -0.68	64.06 4.41 -4.61	66.53 4.06 -8.32	59.60 3.83 -3.26	59.50 3.97 -3.27	58.16 3.76 -3.56	59.66 4.05 -3.74	63.97 4.56 -4.43	65.87 4.64 -5.96	67.11 4.81 -6.98	82.00 5.16 -18.24	76.37 5.10 -13.34	64.02 4.60 -3.91	62.25 4.53 -2.45	58.53 3.88 0.00	57.79 3.58 0.00	57.82 3.27 0.00
BAYONEEC___CTG4 323685	43.75 2.36 0.00	41.63 2.21 0.00	40.87 2.09 0.00	41.63 2.21 0.00	42.85 2.23 0.00	49.01 2.47 0.00	57.12 3.18 0.00	59.73 4.07 -0.68	64.06 4.41 -4.61	66.53 4.06 -8.32	59.60 3.83 -3.26	59.50 3.97 -3.27	58.16 3.76 -3.56	59.66 4.05 -3.74	63.97 4.56 -4.43	65.87 4.64 -5.96	67.11 4.81 -6.98	82.00 5.16 -18.24	76.37 5.10 -13.34	64.02 4.60 -3.91	62.25 4.53 -2.45	58.53 3.88 0.00	57.79 3.58 0.00	57.82 3.27 0.00
BAYONEEC___CTG5 323686	43.75 2.36 0.00	41.63 2.21 0.00	40.87 2.09 0.00	41.63 2.21 0.00	42.85 2.23 0.00	49.01 2.47 0.00	57.12 3.18 0.00	59.73 4.07 -0.68	64.06 4.41 -4.61	66.53 4.06 -8.32	59.60 3.83 -3.26	59.50 3.97 -3.27	58.16 3.76 -3.56	59.66 4.05 -3.74	63.97 4.56 -4.43	65.87 4.64 -5.96	67.11 4.81 -6.98	82.00 5.16 -18.24	76.37 5.10 -13.34	64.02 4.60 -3.91	62.25 4.53 -2.45	58.53 3.88 0.00	57.79 3.58 0.00	57.82 3.27 0.00
BAYONEEC___CTG6 323687	43.75 2.36 0.00	41.63 2.21 0.00	40.87 2.09 0.00	41.63 2.21 0.00	42.85 2.23 0.00	49.01 2.47 0.00	57.12 3.18 0.00	59.73 4.07 -0.68	64.06 4.41 -4.61	66.53 4.06 -8.32	59.60 3.83 -3.26	59.50 3.97 -3.27	58.16 3.76 -3.56	59.66 4.05 -3.74	63.97 4.56 -4.43	65.87 4.64 -5.96	67.11 4.81 -6.98	82.00 5.16 -18.24	76.37 5.10 -13.34	64.02 4.60 -3.91	62.25 4.53 -2.45	58.53 3.88 0.00	57.79 3.58 0.00	57.82 3.27 0.00

BAYONEEC___CTG7 323688	43.75 2.36 0.00	41.63 2.21 0.00	40.87 2.09 0.00	41.63 2.21 0.00	42.85 2.23 0.00	49.01 2.47 0.00	57.12 3.18 0.00	59.73 4.07 -0.68	64.06 4.41 -4.61	66.53 4.06 -8.32	59.60 3.83 -3.26	59.50 3.97 -3.27	58.16 3.76 -3.56	59.66 4.05 -3.74	63.97 4.56 -4.43	65.87 4.64 -5.96	67.11 4.81 -6.98	82.00 5.16 -18.24	76.37 5.10 -13.34	64.02 4.60 -3.91	62.25 4.53 -2.45	58.53 3.88 0.00	57.79 3.58 0.00	57.82 3.27 0.00
BAYONEEC___CTG8 323689	43.75 2.36 0.00	41.63 2.21 0.00	40.87 2.09 0.00	41.63 2.21 0.00	42.85 2.23 0.00	49.01 2.47 0.00	57.12 3.18 0.00	59.73 4.07 -0.68	64.06 4.41 -4.61	66.53 4.06 -8.32	59.60 3.83 -3.26	59.50 3.97 -3.27	58.16 3.76 -3.56	59.66 4.05 -3.74	63.97 4.56 -4.43	65.87 4.64 -5.96	67.11 4.81 -6.98	82.00 5.16 -18.24	76.37 5.10 -13.34	64.02 4.60 -3.91	62.25 4.53 -2.45	58.53 3.88 0.00	57.79 3.58 0.00	57.82 3.27 0.00
BAYONEEC___CTG9 323749	43.75 2.36 0.00	41.63 2.21 0.00	40.87 2.09 0.00	41.63 2.21 0.00	42.85 2.23 0.00	49.01 2.47 0.00	57.12 3.18 0.00	59.73 4.07 -0.68	64.06 4.41 -4.61	66.53 4.06 -8.32	59.60 3.83 -3.26	59.50 3.97 -3.27	58.16 3.76 -3.56	59.66 4.05 -3.74	63.97 4.56 -4.43	65.87 4.64 -5.96	67.11 4.81 -6.98	82.00 5.16 -18.24	76.37 5.10 -13.34	64.02 4.60 -3.91	62.25 4.53 -2.45	58.53 3.88 0.00	57.79 3.58 0.00	57.82 3.27 0.00
BEACON___LESR 323632	43.42 2.03 0.00	41.32 1.89 0.00	40.60 1.82 0.00	41.28 1.85 0.00	42.57 1.95 0.00	48.83 2.28 0.00	56.69 2.75 0.00	58.83 2.97 -0.88	59.07 3.03 -1.00	58.82 2.87 -1.81	55.94 2.73 -0.71	55.84 2.87 -0.71	54.31 2.69 -0.77	55.49 2.80 -0.81	58.97 3.02 -0.96	59.76 3.20 -1.30	67.66 3.21 -9.13	85.99 3.52 -23.87	78.92 3.53 -17.46	63.85 3.22 -5.13	61.69 3.20 -3.21	57.60 2.95 0.00	57.09 2.87 0.00	57.27 2.73 0.00
BEAVER RIVER___HYD 24048	40.73 -0.66 0.00	38.83 -0.59 0.00	38.08 -0.70 0.00	38.75 -0.67 0.00	39.96 -0.65 0.00	45.90 -0.65 0.00	53.57 -0.37 0.00	54.90 -0.11 -0.03	54.88 -0.16 0.00	53.77 -0.38 0.00	52.08 -0.42 0.00	51.73 -0.52 0.00	50.43 -0.41 0.00	51.36 -0.52 0.00	54.60 -0.38 0.00	54.88 -0.38 0.00	55.31 -0.28 -0.26	59.13 -0.18 -0.69	58.26 -0.17 -0.51	55.43 -0.22 -0.15	54.98 -0.38 -0.09	54.16 -0.49 0.00	53.57 -0.65 0.00	53.83 -0.71 0.00
BEEBEE_GT_13 23619	38.74 -2.65 0.00	37.02 -2.40 0.00	36.49 -2.29 0.00	36.90 -2.52 0.00	38.18 -2.44 0.00	44.13 -2.42 0.00	50.49 -3.45 0.00	51.44 -3.63 -0.09	51.02 -4.02 0.00	50.09 -4.06 0.00	48.83 -3.68 0.00	48.39 -3.87 0.00	46.93 -3.91 0.00	48.10 -3.79 -0.01	51.09 -3.90 -0.01	51.57 -3.70 -0.01	52.27 -3.93 -0.88	57.58 -3.34 -2.32	55.91 -3.71 -1.69	52.85 -3.16 -0.52	52.23 -3.37 -0.33	51.16 -3.50 0.00	50.15 -4.07 0.00	50.73 -3.82 0.00
BENSHRST_27_KV_BENSHRST_1 355998	67.45 3.06 -22.99	66.48 2.88 -24.18	66.36 2.71 -24.87	66.47 2.96 -24.09	66.40 2.96 -22.82	66.52 3.26 -16.72	67.86 4.32 -9.61	73.60 5.22 -13.40	72.32 4.90 -12.38	72.58 4.71 -13.72	71.42 4.46 -14.46	71.37 4.49 -14.62	71.45 4.42 -16.19	71.16 4.51 -14.77	69.95 4.78 -10.19	72.01 5.31 -11.44	180.82 5.53 -119.97	236.66 5.92 -172.13	180.59 5.79 -116.86	176.26 5.49 -115.26	180.50 5.42 -119.81	78.75 4.54 -19.56	71.22 4.23 -12.78	69.27 4.20 -10.52
BETHLEHEM___GRP 23843	42.84 1.45 0.00	40.76 1.34 0.00	40.02 1.24 0.00	40.72 1.30 0.00	41.96 1.34 0.00	48.13 1.58 0.00	55.77 1.83 0.00	58.01 2.14 -0.88	58.13 2.09 -1.00	57.96 2.00 -1.80	55.21 2.00 -0.71	55.00 2.04 -0.71	53.60 1.98 -0.77	54.66 1.97 -0.81	57.98 2.03 -0.96	58.87 2.32 -1.29	66.85 2.32 -9.21	84.97 2.46 -23.90	77.90 2.49 -17.48	62.97 2.33 -5.14	60.81 2.32 -3.22	56.68 2.02 0.00	56.17 1.95 0.00	56.40 1.85 0.00
BETHLEHEM___GS1 323560	42.84 1.45 0.00	40.72 1.30 0.00	40.02 1.24 0.00	40.72 1.30 0.00	41.95 1.34 0.00	48.08 1.53 0.00	55.77 1.83 0.00	57.96 2.09 -0.88	58.19 2.14 -1.00	57.96 2.00 -1.80	55.15 1.94 -0.71	55.06 2.09 -0.71	53.55 1.93 -0.77	54.77 2.08 -0.81	58.20 2.26 -0.96	58.87 2.32 -1.29	66.78 2.32 -9.14	84.95 2.46 -23.89	77.89 2.49 -17.47	62.91 2.28 -5.13	60.75 2.27 -3.21	56.73 2.08 0.00	56.22 2.01 0.00	56.40 1.86 0.00
BETHLEHEM___GS2 323561	42.84 1.45 0.00	40.72 1.30 0.00	40.02 1.24 0.00	40.72 1.30 0.00	41.95 1.34 0.00	48.08 1.53 0.00	55.77 1.83 0.00	57.96 2.09 -0.88	58.19 2.14 -1.00	57.96 2.00 -1.80	55.15 1.94 -0.71	55.06 2.09 -0.71	53.55 1.93 -0.77	54.77 2.08 -0.81	58.20 2.26 -0.96	58.87 2.32 -1.29	66.78 2.32 -9.14	84.95 2.46 -23.89	77.89 2.49 -17.47	62.91 2.28 -5.13	60.75 2.27 -3.21	56.73 2.08 0.00	56.22 2.01 0.00	56.40 1.86 0.00
BETHLEHEM___GS3 323562	42.84 1.45 0.00	40.72 1.30 0.00	40.02 1.24 0.00	40.72 1.30 0.00	41.95 1.34 0.00	48.08 1.53 0.00	55.77 1.83 0.00	57.96 2.09 -0.88	58.19 2.14 -1.00	57.96 2.00 -1.80	55.15 1.94 -0.71	55.06 2.09 -0.71	53.55 1.93 -0.77	54.77 2.08 -0.81	58.20 2.26 -0.96	58.87 2.32 -1.29	66.78 2.32 -9.14	84.95 2.46 -23.89	77.89 2.49 -17.47	62.91 2.28 -5.13	60.75 2.27 -3.21	56.73 2.08 0.00	56.22 2.01 0.00	56.40 1.86 0.00
BETHLEHEM___STEEL 23779	37.50 -3.89 0.00	35.76 -3.67 0.00	35.33 -3.45 0.00	35.76 -3.67 0.00	37.08 -3.53 0.00	43.06 -3.49 0.00	48.55 -5.39 0.00	48.37 -6.71 -0.10	48.60 -6.44 0.00	47.41 -6.44 0.29	44.33 -6.14 2.03	45.86 -5.96 0.44	44.20 -6.10 0.54	41.75 -6.07 4.06	43.01 -6.21 5.76	43.10 -6.19 5.97	47.21 -5.92 2.19	48.19 -6.15 4.27	47.71 -5.73 4.48	43.42 -5.94 6.15	39.16 -6.25 9.86	40.80 -6.29 7.57	47.98 -6.23 0.00	48.65 -5.89 0.00
BETHLHEM_115KV_TB1 79974	42.84 1.45 0.00	40.72 1.30 0.00	40.02 1.24 0.00	40.72 1.30 0.00	41.96 1.34 0.00	48.08 1.54 0.00	55.77 1.83 0.00	57.95 2.09 -0.88	58.13 2.09 -1.00	57.90 1.95 -1.80	55.15 1.94 -0.71	54.95 1.99 -0.71	53.54 1.93 -0.77	54.66 1.97 -0.81	57.97 2.03 -0.96	58.87 2.32 -1.29	66.84 2.32 -9.20	84.95 2.46 -23.88	77.83 2.43 -17.47	62.96 2.33 -5.13	60.75 2.27 -3.21	56.68 2.02 0.00	56.11 1.90 0.00	56.40 1.85 0.00
BETHPAGE_CC_5 323564	44.96 3.56 -0.01	42.78 3.35 -0.01	42.04 3.26 -0.01	42.77 3.35 0.00	44.11 3.49 0.00	50.46 3.91 0.00	60.23 4.47 -1.81	72.27 5.00 -12.28	67.62 5.34 -7.24	67.15 4.71 -8.29	60.17 4.41 -3.26	60.13 4.60 -3.27	59.02 4.63 -3.56	61.54 4.98 -4.68	67.93 5.66 -7.28	71.52 5.64 -10.62	83.47 5.70 -22.45	103.20 5.92 -38.67	89.91 5.91 -26.07	88.81 5.50 -27.82	72.85 5.53 -12.05	71.18 4.92 -11.60	65.99 4.77 -7.00	64.15 4.63 -4.97
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	37.63 -3.77 0.00	35.88 -3.55 0.00	35.48 -3.30 0.00	35.91 -3.51 0.00	37.24 -3.37 0.00	43.24 -3.30 0.00	48.82 -5.12 0.00	48.48 -6.60 -0.10	48.88 -6.16 0.00	47.70 -6.17 0.27	44.61 -5.99 1.91	46.15 -5.70 0.41	44.49 -5.85 0.51	42.20 -5.86 3.81	43.58 -5.99 5.41	43.69 -5.97 5.60	47.88 -5.48 1.96	48.99 -5.86 3.76	48.63 -5.27 4.03	44.01 -5.77 5.72	39.96 -6.08 9.23	41.37 -6.18 7.11	48.25 -5.96 0.00	48.87 -5.67 0.00

BINGHAMTON___COGEN 23790	40.90 -0.50 0.00	38.95 -0.47 0.00	38.35 -0.43 0.00	38.95 -0.47 0.00	40.17 -0.45 0.00	46.22 -0.33 0.00	53.62 -0.32 0.00	54.76 -0.44 -0.22	54.16 -0.44 0.44	52.76 -0.60 0.79	51.51 -0.68 0.31	51.32 -0.63 0.31	49.84 -0.66 0.34	50.84 -0.67 0.36	54.00 -0.55 0.43	54.41 -0.28 0.58	57.61 -0.06 -2.35	64.79 0.00 -6.18	62.59 0.12 -4.54	56.52 -0.28 -1.29	55.74 -0.33 -0.80	53.99 -0.66 0.01	53.51 -0.70 0.00	53.89 -0.65 0.00
BIXINCNT_115KV_LOAD 355685	37.17 -4.22 0.00	35.44 -3.98 0.00	35.36 -3.41 0.00	35.95 -3.47 0.00	37.24 -3.37 0.00	43.24 -3.30 0.00	49.14 -4.80 0.00	48.60 -6.49 -0.11	49.54 -5.50 0.00	48.39 -5.58 0.18	45.49 -5.78 1.24	46.56 -5.43 0.27	44.77 -5.75 0.33	43.53 -5.86 2.49	45.68 -5.77 3.53	45.97 -5.64 3.65	49.86 -4.70 0.76	51.87 -5.63 1.11	51.63 -4.69 1.61	46.36 -5.66 3.48	43.27 -6.14 5.86	43.57 -6.45 4.63	48.47 -5.75 0.00	48.65 -5.89 0.00
BLACK RIVER___HYD 24047	40.94 -0.45 0.00	39.03 -0.39 0.00	38.23 -0.54 0.00	38.95 -0.47 0.00	40.17 -0.45 0.00	46.22 -0.32 0.00	54.10 0.16 0.00	55.57 0.55 -0.04	55.54 0.49 0.00	54.31 0.16 0.00	52.61 0.11 0.00	52.15 -0.10 0.00	50.94 0.10 0.00	51.83 -0.05 0.00	55.15 0.17 0.00	55.59 0.33 0.00	56.18 0.50 -0.36	60.28 0.71 -0.97	59.33 0.70 -0.71	56.15 0.44 -0.21	55.73 0.33 -0.13	54.60 -0.05 0.00	54.00 -0.22 0.00	54.22 -0.33 0.00
BLACKRVR_115KV_TB2 79977	40.94 -0.46 0.00	39.03 -0.39 0.00	38.23 -0.54 0.00	38.95 -0.47 0.00	40.17 -0.45 0.00	46.22 -0.33 0.00	54.05 0.11 0.00	55.57 0.55 -0.04	55.54 0.50 0.00	54.31 0.16 0.00	52.61 0.11 0.00	52.20 -0.05 0.00	50.94 0.10 0.00	51.88 0.00 0.00	55.26 0.27 0.00	55.59 0.33 0.00	56.24 0.55 -0.37	60.26 0.70 -0.95	59.32 0.70 -0.70	56.26 0.56 -0.21	55.68 0.28 -0.13	54.71 0.05 0.00	54.05 -0.16 0.00	54.22 -0.33 0.00
BLISS_WT_PWR 323608	36.96 -4.43 0.00	35.13 -4.30 0.00	35.13 -3.65 0.00	35.95 -3.47 0.00	37.04 -3.57 0.00	43.06 -3.49 0.00	49.19 -4.75 0.00	49.32 -5.77 -0.11	49.21 -5.84 0.00	48.12 -5.85 0.18	45.43 -5.83 1.25	46.55 -5.44 0.27	43.60 -6.91 0.33	43.63 -5.76 2.49	45.57 -5.88 3.53	45.86 -5.75 3.65	49.59 -4.98 0.75	51.58 -5.92 1.11	51.28 -5.04 1.61	45.35 -6.66 3.48	43.16 -6.25 5.86	42.86 -7.16 4.63	48.15 -6.07 0.00	48.49 -6.06 0.00
BLUESTONE___WT_PWR 323821	42.68 1.28 0.00	40.72 1.30 0.00	39.90 1.13 0.00	40.68 1.26 0.00	41.92 1.30 0.00	48.46 1.91 0.00	56.64 2.70 0.00	60.02 4.78 -0.26	59.05 4.51 0.50	57.14 3.90 0.91	55.66 3.52 0.36	55.25 3.35 0.36	53.71 3.26 0.39	54.89 3.42 0.41	58.78 4.29 0.49	59.25 4.64 0.66	63.42 5.31 -2.79	69.03 3.81 -6.61	66.66 3.88 -4.85	59.95 3.05 -1.40	59.12 2.98 -0.87	57.00 2.35 0.01	56.44 2.22 0.00	56.73 2.18 0.00
BLUE_CIRC_CHEM_DRP 24182	42.97 1.57 0.00	40.88 1.46 0.00	40.17 1.40 0.00	40.88 1.46 0.00	42.08 1.46 0.00	48.27 1.72 0.00	55.94 2.00 0.00	57.99 2.14 -0.87	57.94 2.04 -0.86	57.59 1.90 -1.55	54.95 1.84 -0.61	54.75 1.88 -0.61	53.34 1.83 -0.66	54.44 1.87 -0.70	57.84 2.03 -0.82	58.69 2.32 -1.11	66.62 2.27 -9.03	84.52 2.46 -23.45	77.52 2.43 -17.15	62.82 2.28 -5.04	60.69 2.27 -3.16	56.73 2.08 0.00	56.28 2.06 0.00	56.56 2.02 0.00
BOC_GAS_DRP 24189	42.63 1.24 0.00	40.57 1.14 0.00	39.86 1.09 0.00	40.57 1.14 0.00	41.75 1.14 0.00	47.90 1.35 0.00	55.56 1.62 0.00	57.73 1.87 -0.88	57.84 1.82 -0.98	57.66 1.73 -1.77	54.88 1.68 -0.70	54.63 1.67 -0.70	53.28 1.68 -0.76	54.39 1.71 -0.80	57.74 1.81 -0.94	58.58 2.04 -1.27	66.53 2.05 -9.16	84.57 2.17 -23.79	77.47 2.14 -17.40	62.67 2.05 -5.11	60.46 1.99 -3.20	56.40 1.75 0.00	55.84 1.63 0.00	56.13 1.58 0.00
BOONVILLE_115KV_TB1 79983	41.81 0.41 0.00	39.86 0.43 0.00	39.09 0.31 0.00	39.78 0.35 0.00	41.02 0.41 0.00	47.20 0.65 0.00	54.96 1.02 0.00	56.32 1.32 -0.02	56.31 1.27 0.00	55.23 1.08 0.00	53.34 0.84 0.00	53.20 0.94 0.00	51.81 0.97 0.00	52.81 0.93 0.00	56.14 1.15 0.00	56.48 1.22 0.00	56.83 1.27 -0.23	60.59 1.41 -0.58	59.75 1.39 -0.43	56.85 1.22 -0.13	56.40 1.05 -0.08	55.53 0.87 0.00	54.98 0.76 0.00	55.20 0.65 0.00
BORALEX_4TH_BRANCH 23824	44.00 2.61 0.00	41.87 2.44 0.00	41.14 2.37 0.00	41.87 2.44 0.00	43.13 2.52 0.00	49.53 2.98 0.00	57.45 3.51 0.00	59.76 3.90 -0.88	60.10 3.85 -1.21	60.01 3.68 -2.18	56.82 3.47 -0.86	56.62 3.50 -0.86	55.18 3.41 -0.93	56.28 3.42 -0.98	59.83 3.68 -1.16	60.80 3.98 -1.57	68.56 4.09 -9.15	86.72 4.40 -23.72	79.68 4.40 -17.35	64.76 4.16 -5.10	62.55 4.09 -3.19	58.26 3.61 0.00	57.74 3.52 0.00	58.04 3.49 0.00
BOWLINE___1 23526	43.46 2.07 0.00	41.35 1.93 0.00	40.60 1.82 0.00	41.35 1.93 0.00	42.61 1.99 0.00	48.74 2.19 0.00	56.74 2.80 0.00	59.03 3.41 -0.64	50.68 3.63 7.99	43.03 3.30 14.42	49.94 3.10 5.66	49.83 3.24 5.67	47.72 3.05 6.17	48.72 3.32 6.48	51.09 3.79 7.68	48.78 3.87 10.35	65.90 3.81 -6.76	80.38 4.10 -17.67	74.91 4.05 -12.92	62.90 3.61 -3.79	61.19 3.54 -2.37	57.66 3.00 0.00	56.98 2.76 0.00	57.06 2.51 0.00
BOWLINE___2 23595	43.46 2.07 0.00	41.35 1.93 0.00	40.60 1.82 0.00	41.35 1.93 0.00	42.61 1.99 0.00	48.74 2.19 0.00	56.74 2.80 0.00	58.97 3.35 -0.64	50.62 3.58 8.00	42.97 3.25 14.43	49.89 3.04 5.66	49.77 3.19 5.67	47.67 3.00 6.17	48.72 3.32 6.48	51.09 3.79 7.68	48.72 3.81 10.35	65.90 3.81 -6.76	80.38 4.10 -17.67	74.91 4.05 -12.93	62.90 3.61 -3.79	61.19 3.54 -2.37	57.66 3.00 0.00	56.98 2.76 0.00	57.06 2.51 0.00
BRADY___115KV_TB2 356060	41.89 0.50 0.00	39.90 0.47 0.00	39.28 0.50 0.00	39.90 0.47 0.00	41.10 0.49 0.00	46.73 0.19 0.00	54.10 0.16 0.00	54.76 -0.22 0.00	54.99 -0.06 0.00	54.20 0.05 0.00	52.61 0.11 0.00	52.36 0.10 0.00	51.00 0.15 0.00	51.98 0.10 0.00	54.93 -0.05 0.00	54.71 -0.55 0.00	54.77 -0.55 0.00	57.79 -0.82 0.00	57.23 -0.70 0.00	54.95 -0.56 0.00	54.72 -0.55 0.00	54.65 0.00 0.00	54.54 0.33 0.00	54.98 0.44 0.00
BRANSCOMB___SOLAR 323811	43.71 2.32 0.00	41.63 2.21 0.00	40.91 2.13 0.00	41.59 2.17 0.00	42.89 2.27 0.00	49.20 2.65 0.00	57.23 3.29 0.00	59.35 3.47 -0.90	59.50 3.47 -0.99	59.18 3.25 -1.78	56.30 3.10 -0.70	56.14 3.19 -0.70	54.55 2.95 -0.76	55.27 2.59 -0.80	58.84 2.91 -0.95	59.69 3.15 -1.28	67.88 3.21 -9.36	86.57 3.52 -24.45	79.35 3.53 -17.88	63.97 3.22 -5.26	61.77 3.20 -3.29	58.04 3.39 0.00	57.52 3.31 0.00	57.82 3.27 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	45.54 4.14 -0.01	43.30 3.86 -0.01	42.47 3.68 -0.01	43.17 3.75 0.00	44.23 3.61 0.00	50.92 4.38 0.00	61.45 5.83 -1.69	73.03 6.54 -11.50	68.49 6.38 -7.06	68.34 5.90 -8.29	61.43 5.67 -3.26	61.17 5.64 -3.27	59.89 5.49 -3.55	62.26 5.76 -4.62	68.58 6.49 -7.11	72.51 6.91 -10.34	83.94 7.14 -21.48	103.24 7.33 -37.31	90.51 7.36 -25.22	88.87 7.16 -26.21	73.89 7.13 -11.49	71.81 6.23 -10.92	66.77 5.96 -6.59	64.89 5.67 -4.67

BRISTLHL_115KV_TB1 79998	40.11 -1.28 0.00	38.16 -1.26 0.00	37.61 -1.16 0.00	38.20 -1.22 0.00	39.36 -1.26 0.00	45.24 -1.30 0.00	52.48 -1.46 0.00	53.72 -1.32 -0.05	53.61 -1.43 0.00	52.63 -1.52 0.00	51.09 -1.42 0.00	50.85 -1.41 0.00	49.42 -1.42 0.00	50.48 -1.40 0.00	53.55 -1.43 0.00	54.04 -1.22 0.00	54.67 -1.22 -0.57	59.04 -1.05 -1.49	57.86 -1.16 -1.09	54.66 -1.17 -0.32	54.26 -1.22 -0.20	53.29 -1.37 0.00	52.64 -1.57 0.00	52.91 -1.64 0.00
BROOKHAVEN___DRP 24191	45.66 4.26 -0.01	43.37 3.94 -0.01	42.58 3.80 -0.01	43.25 3.82 0.00	44.31 3.70 0.00	51.02 4.47 0.00	61.60 5.99 -1.68	73.11 6.71 -11.42	68.63 6.55 -7.04	68.50 6.06 -8.29	61.54 5.78 -3.26	61.22 5.70 -3.27	59.99 5.59 -3.55	62.30 5.81 -4.61	68.73 6.65 -7.10	72.70 7.13 -10.31	83.88 7.19 -21.37	103.21 7.44 -37.16	90.47 7.41 -25.13	89.02 7.49 -26.03	74.05 7.35 -11.43	71.95 6.45 -10.85	66.99 6.23 -6.54	65.08 5.89 -4.64
BROOKLYN_NAVY_YARD 23515	43.75 2.36 0.00	41.63 2.21 0.00	40.87 2.09 0.00	41.63 2.21 0.00	42.85 2.23 0.00	49.01 2.47 0.00	57.18 3.24 0.00	59.78 4.13 -0.68	64.11 4.46 -4.61	66.58 4.11 -8.32	59.65 3.89 -3.26	59.55 4.02 -3.27	58.16 3.76 -3.56	59.71 4.10 -3.74	64.03 4.62 -4.43	65.92 4.69 -5.96	67.22 4.92 -6.98	82.06 5.21 -18.24	76.48 5.22 -13.34	64.08 4.66 -3.91	62.31 4.58 -2.45	58.59 3.94 0.00	57.85 3.63 0.00	57.87 3.33 0.00
BROOKLYN___ARMY_DRP 323595	67.33 2.94 -22.99	66.36 2.76 -24.18	66.24 2.60 -24.87	66.32 2.80 -24.09	66.28 2.84 -22.82	66.38 3.12 -16.72	67.70 4.15 -9.61	73.38 5.00 -13.40	72.10 4.68 -12.38	72.31 4.44 -13.72	71.16 4.20 -14.46	71.11 4.23 -14.62	71.20 4.17 -16.19	70.95 4.31 -14.77	69.73 4.56 -10.19	71.73 5.03 -11.44	180.54 5.26 -119.97	236.36 5.63 -172.13	180.24 5.45 -116.86	175.98 5.22 -115.26	180.22 5.14 -119.81	78.53 4.32 -19.56	71.01 4.01 -12.78	69.05 3.98 -10.52
BROOKVLE_69_KV_TB1 55790	44.72 3.31 -0.01	42.51 3.08 -0.01	41.74 2.95 -0.01	42.50 3.08 0.00	43.62 3.01 0.00	50.04 3.49 0.00	60.72 4.64 -2.14	74.78 5.39 -14.41	68.05 5.28 -7.72	67.47 5.04 -8.29	60.44 4.67 -3.26	60.23 4.70 -3.27	59.03 4.63 -3.56	61.43 4.72 -4.83	67.74 5.00 -7.75	72.05 5.42 -11.38	86.26 5.59 -25.36	106.95 5.92 -42.42	92.25 5.91 -28.41	93.18 5.49 -32.19	74.30 5.42 -13.61	72.78 4.65 -13.48	66.74 4.39 -8.13	64.63 4.31 -5.77
BROOME_2_LFGE 323671	40.90 -0.49 0.00	38.95 -0.47 0.00	38.35 -0.43 0.00	38.99 -0.43 0.00	40.17 -0.45 0.00	46.22 -0.32 0.00	53.62 -0.32 0.00	54.82 -0.38 -0.22	54.16 -0.44 0.44	52.71 -0.65 0.79	51.56 -0.63 0.31	51.37 -0.57 0.31	49.69 -0.82 0.34	50.95 -0.57 0.36	54.11 -0.44 0.43	54.46 -0.22 0.58	57.58 -0.11 -2.37	64.67 -0.06 -6.12	62.54 0.12 -4.50	56.28 -0.50 -1.28	55.68 -0.38 -0.79	53.88 -0.77 0.01	53.51 -0.71 0.00	53.89 -0.65 0.00
BROOME___LFGE 323600	40.90 -0.49 0.00	38.95 -0.47 0.00	38.35 -0.43 0.00	38.99 -0.43 0.00	40.17 -0.45 0.00	46.22 -0.32 0.00	53.62 -0.32 0.00	54.82 -0.38 -0.22	54.16 -0.44 0.44	52.71 -0.65 0.79	51.56 -0.63 0.31	51.37 -0.57 0.31	49.69 -0.82 0.34	50.95 -0.57 0.36	54.11 -0.44 0.43	54.46 -0.22 0.58	57.58 -0.11 -2.37	64.67 -0.06 -6.12	62.54 0.12 -4.50	56.28 -0.50 -1.28	55.68 -0.38 -0.79	53.88 -0.77 0.01	53.51 -0.71 0.00	53.89 -0.65 0.00
BROWNFLS_115KV_TB_3_5 80003	40.52 -0.87 0.00	38.60 -0.83 0.00	37.92 -0.85 0.00	38.56 -0.87 0.00	39.76 -0.85 0.00	45.38 -1.16 0.00	52.81 -1.13 0.00	53.85 -1.15 -0.02	53.94 -1.10 0.00	53.01 -1.14 0.00	51.40 -1.10 0.00	51.11 -1.15 0.00	49.83 -1.02 0.00	50.74 -1.14 0.00	53.77 -1.21 0.00	53.88 -1.38 0.00	54.12 -1.38 -0.19	57.62 -1.47 -0.48	56.89 -1.39 -0.35	54.27 -1.33 -0.10	53.95 -1.38 -0.06	53.40 -1.26 0.00	53.08 -1.14 0.00	53.40 -1.15 0.00
BROWNSV1_27_KV_LOAD 356125	44.21 2.81 0.00	42.03 2.60 0.00	41.22 2.44 0.00	42.03 2.60 0.00	43.26 2.64 0.00	49.53 2.98 0.00	57.99 4.05 0.00	60.61 4.95 -0.68	64.50 4.84 -4.61	67.12 4.66 -8.32	60.02 4.25 -3.26	59.81 4.29 -3.27	58.62 4.22 -3.56	59.87 4.25 -3.74	63.97 4.56 -4.43	66.25 5.03 -5.97	67.73 5.37 -7.05	82.54 5.68 -18.25	76.95 5.68 -13.35	64.69 5.27 -3.92	62.86 5.14 -2.45	58.92 4.26 0.00	58.17 3.96 0.00	58.36 3.82 0.00
BURROWS___LYONSDAL 23803	41.52 0.12 0.00	39.58 0.16 0.00	38.85 0.08 0.00	39.54 0.12 0.00	40.78 0.16 0.00	46.87 0.33 0.00	54.64 0.70 0.00	55.99 0.99 -0.02	55.98 0.94 0.00	54.85 0.70 0.00	53.03 0.53 0.00	52.83 0.57 0.00	51.50 0.66 0.00	52.45 0.57 0.00	55.75 0.77 0.00	56.09 0.83 0.00	56.44 0.89 -0.24	60.26 1.05 -0.60	59.35 0.98 -0.44	56.52 0.89 -0.13	56.07 0.72 -0.08	55.20 0.55 0.00	54.60 0.38 0.00	54.87 0.33 0.00
CAITHNESS_CC_1 323624	45.46 4.06 -0.01	43.25 3.82 -0.01	42.51 3.72 -0.01	43.25 3.82 0.00	44.60 3.98 0.00	51.06 4.51 0.00	61.01 5.39 -1.68	72.50 6.10 -11.41	68.41 6.33 -7.04	67.85 5.41 -8.29	60.96 5.20 -3.26	60.91 5.38 -3.27	59.68 5.29 -3.55	62.20 5.71 -4.61	68.89 6.82 -7.10	72.37 6.80 -10.31	83.53 6.91 -21.29	102.84 7.09 -37.14	90.17 7.12 -25.12	88.46 6.94 -26.02	73.60 6.91 -11.43	71.62 6.12 -10.84	66.77 6.02 -6.54	64.91 5.73 -4.64
CALPINE BETH_PAGE_GT4 24209	44.96 3.56 -0.01	42.78 3.35 -0.01	41.97 3.18 -0.01	42.70 3.27 0.00	43.74 3.13 0.00	50.13 3.58 0.00	60.51 4.69 -1.87	73.00 5.33 -12.68	67.60 5.23 -7.33	67.37 4.93 -8.29	60.38 4.62 -3.26	60.39 4.86 -3.27	59.13 4.73 -3.56	61.41 4.82 -4.70	67.52 5.17 -7.37	71.60 5.58 -10.76	84.02 5.64 -23.05	103.91 5.92 -39.38	90.36 5.91 -26.52	89.74 5.61 -28.64	73.25 5.64 -12.34	71.47 4.86 -11.95	66.25 4.83 -7.21	64.30 4.64 -5.12
CALPINE_BETH_PAGE_GT_4 323586	44.92 3.52 -0.01	42.75 3.31 -0.01	42.00 3.22 -0.01	42.77 3.35 0.00	44.07 3.45 0.00	50.41 3.86 0.00	60.24 4.42 -1.87	72.67 5.00 -12.68	67.71 5.34 -7.33	67.10 4.66 -8.29	60.17 4.41 -3.26	60.07 4.54 -3.27	59.07 4.67 -3.56	61.61 5.03 -4.70	67.96 5.61 -7.37	71.60 5.58 -10.76	83.95 5.65 -22.98	103.89 5.92 -39.37	90.35 5.91 -26.51	89.58 5.44 -28.63	73.14 5.53 -12.34	71.47 4.86 -11.95	66.14 4.71 -7.21	64.35 4.69 -5.12
CALPINE_BP_GT1 23823	44.92 3.52 -0.01	42.75 3.31 -0.01	42.00 3.22 -0.01	42.77 3.35 0.00	44.07 3.45 0.00	50.41 3.86 0.00	60.24 4.42 -1.87	72.67 5.00 -12.68	67.71 5.34 -7.33	67.10 4.66 -8.29	60.17 4.41 -3.26	60.07 4.54 -3.27	59.07 4.67 -3.56	61.61 5.03 -4.70	67.96 5.61 -7.37	71.60 5.58 -10.76	83.95 5.65 -22.98	103.89 5.92 -39.37	90.35 5.91 -26.51	89.58 5.44 -28.63	73.14 5.53 -12.34	71.47 4.86 -11.95	66.14 4.71 -7.21	64.35 4.69 -5.12
CALSPAN___DRP 24200	37.50 -3.89 0.00	35.76 -3.67 0.00	35.33 -3.45 0.00	35.76 -3.67 0.00	37.08 -3.53 0.00	43.06 -3.49 0.00	48.55 -5.39 0.00	48.37 -6.71 -0.10	48.60 -6.44 0.00	47.41 -6.44 0.29	44.33 -6.14 2.03	45.86 -5.96 0.44	44.20 -6.10 0.54	41.75 -6.07 4.06	43.01 -6.21 5.76	43.10 -6.19 5.97	47.21 -5.92 2.19	48.19 -6.15 4.27	47.71 -5.73 4.48	43.42 -5.94 6.15	39.16 -6.25 9.86	40.80 -6.29 7.57	47.98 -6.23 0.00	48.65 -5.89 0.00

CALVERTON___SOLAR 323806	45.67 4.26 -0.01	43.46 4.02 -0.01	42.70 3.91 -0.01	43.45 4.02 0.00	44.80 4.18 0.00	51.30 4.75 0.00	61.33 5.71 -1.68	72.83 6.43 -11.42	68.74 6.66 -7.04	68.07 5.63 -8.29	61.17 5.41 -3.26	61.06 5.54 -3.27	59.89 5.49 -3.55	62.40 5.91 -4.61	69.17 7.10 -7.10	72.65 7.08 -10.31	83.81 7.19 -21.30	103.20 7.44 -37.15	90.53 7.48 -25.12	88.86 7.33 -26.03	73.99 7.30 -11.43	71.95 6.45 -10.85	67.10 6.34 -6.54	65.24 6.05 -4.64
CANDIGU_WT_PWR 323617	38.70 -2.69 0.00	36.86 -2.56 0.00	36.41 -2.37 0.00	37.06 -2.36 0.00	38.26 -2.36 0.00	44.36 -2.19 0.00	51.13 -2.81 0.00	51.72 -3.41 -0.14	51.41 -3.63 0.00	48.63 -3.90 1.62	37.32 -3.78 11.40	46.06 -3.76 2.43	43.67 -4.17 3.00	25.40 -3.79 22.70	18.95 -3.85 32.18	18.56 -3.37 33.33	34.40 -3.10 17.83	17.88 -3.17 37.56	19.18 -2.78 35.97	14.97 -4.00 36.53	-4.65 -3.48 56.44	8.00 -4.37 42.28	50.26 -3.96 0.00	50.83 -3.71 0.00
CARR STREET_E_SYR 24060	40.36 -1.03 0.00	38.44 -0.98 0.00	37.85 -0.93 0.00	38.48 -0.95 0.00	39.60 -1.01 0.00	45.57 -0.98 0.00	52.75 -1.19 0.00	53.89 -1.16 -0.06	53.78 -1.26 0.00	52.80 -1.35 0.00	51.24 -1.26 0.00	50.85 -1.41 0.00	49.52 -1.32 0.00	50.48 -1.40 0.00	53.61 -1.37 0.00	54.21 -1.05 0.00	54.87 -1.11 -0.65	59.34 -1.00 -1.73	58.21 -0.99 -1.26	54.60 -1.27 -0.37	54.40 -1.10 -0.23	53.12 -1.53 0.00	52.76 -1.46 0.00	53.08 -1.47 0.00
CARTHAGE___PAPER 23857	40.77 -0.62 0.00	38.87 -0.55 0.00	38.12 -0.66 0.00	38.79 -0.63 0.00	40.01 -0.61 0.00	45.99 -0.56 0.00	53.73 -0.21 0.00	55.12 0.11 -0.03	55.10 0.06 0.00	53.99 -0.16 0.00	52.29 -0.21 0.00	51.89 -0.36 0.00	50.64 -0.20 0.00	51.52 -0.36 0.00	54.76 -0.22 0.00	55.10 -0.17 0.00	55.65 0.00 -0.32	59.59 0.12 -0.86	58.68 0.12 -0.63	55.74 0.06 -0.19	55.22 -0.17 -0.12	54.33 -0.33 0.00	53.73 -0.49 0.00	53.95 -0.60 0.00
CASSADAGA_WT_PWR 323784	37.13 -4.26 0.00	35.28 -4.14 0.00	35.02 -3.76 0.00	35.76 -3.67 0.00	37.16 -3.45 0.00	43.43 -3.12 0.00	49.41 -4.53 0.00	49.48 -5.61 -0.10	49.26 -5.78 0.00	48.14 -5.79 0.22	45.58 -5.41 1.52	46.34 -5.59 0.32	44.19 -6.26 0.40	42.78 -6.07 3.03	44.09 -6.60 4.30	44.57 -6.24 4.45	47.94 -6.14 1.23	49.66 -6.74 2.21	49.09 -6.26 2.58	43.22 -7.88 4.40	41.17 -6.86 7.24	40.92 -8.09 5.65	47.33 -6.89 0.00	47.94 -6.60 0.00
CE_DUNWOOD___DRP 24194	43.83 2.44 0.00	41.71 2.29 0.00	40.91 2.13 0.00	41.71 2.29 0.00	42.93 2.32 0.00	49.15 2.61 0.00	57.50 3.56 0.00	59.94 4.29 -0.67	63.97 4.18 -4.74	66.65 3.95 -8.55	59.48 3.62 -3.35	59.28 3.66 -3.36	58.11 3.61 -3.66	59.40 3.68 -3.84	63.49 3.96 -4.55	65.81 4.42 -6.13	66.92 4.59 -7.01	81.74 4.92 -18.21	76.12 4.87 -13.32	63.96 4.55 -3.91	62.14 4.42 -2.45	58.32 3.66 0.00	57.58 3.36 0.00	57.76 3.22 0.00
CE_MILLWOOD___DRP 24193	43.75 2.36 0.00	41.63 2.21 0.00	40.87 2.09 0.00	41.63 2.21 0.00	42.85 2.23 0.00	49.06 2.51 0.00	57.34 3.40 0.00	59.77 4.12 -0.67	63.88 4.02 -4.82	66.64 3.79 -8.70	59.38 3.47 -3.41	59.18 3.50 -3.42	58.02 3.46 -3.72	59.32 3.53 -3.91	63.41 3.79 -4.63	65.76 4.26 -6.24	66.75 4.48 -6.95	81.50 4.75 -18.14	75.89 4.69 -13.27	63.78 4.38 -3.89	62.02 4.31 -2.44	58.21 3.55 0.00	57.47 3.25 0.00	57.65 3.11 0.00
CE_NYC2_DRP 24202	44.04 2.65 0.00	41.95 2.52 0.00	41.14 2.37 0.00	42.03 2.60 0.00	43.22 2.60 0.00	49.39 2.84 0.00	57.77 3.83 0.00	60.39 4.73 -0.68	64.05 4.40 -4.61	66.68 4.22 -8.31	59.70 3.94 -3.26	59.50 3.97 -3.27	58.31 3.91 -3.55	59.61 3.99 -3.73	63.64 4.23 -4.42	65.92 4.70 -5.96	67.35 4.98 -7.05	82.13 5.27 -18.25	76.43 5.16 -13.35	64.30 4.88 -3.92	62.48 4.75 -2.45	58.64 3.99 0.00	57.90 3.69 0.00	58.20 3.65 0.00
CE_NYC_DRP 24195	43.92 2.52 0.00	41.79 2.37 0.00	40.99 2.21 0.00	41.79 2.37 0.00	43.01 2.40 0.00	49.25 2.70 0.00	57.66 3.72 0.00	60.22 4.56 -0.68	64.11 4.46 -4.61	66.74 4.28 -8.32	59.65 3.89 -3.26	59.45 3.92 -3.27	58.27 3.86 -3.56	59.55 3.94 -3.73	63.25 4.18 -4.09	65.38 4.64 -5.48	66.71 4.92 -6.46	80.38 5.22 -16.55	75.44 5.16 -12.36	63.91 4.83 -3.58	62.22 4.70 -2.25	58.53 3.88 0.00	57.74 3.52 0.00	57.93 3.38 0.00
CHAFFEE___LFGE 323603	37.79 -3.60 0.00	35.91 -3.51 0.00	35.44 -3.34 0.00	36.11 -3.31 0.00	37.29 -3.33 0.00	43.29 -3.26 0.00	49.14 -4.80 0.00	49.04 -6.05 -0.10	48.77 -6.28 0.00	47.69 -6.23 0.23	44.99 -5.88 1.64	45.95 -5.96 0.35	44.00 -6.41 0.43	42.54 -6.07 3.27	43.86 -6.49 4.64	44.60 -5.86 4.80	48.22 -5.64 1.46	49.95 -5.98 2.68	49.57 -5.33 3.03	43.76 -6.94 4.80	41.62 -5.80 7.85	41.41 -7.16 6.09	48.20 -6.02 0.00	49.20 -5.34 0.00
CHATEAUG_35_KV_LOAD 355732	40.98 -0.41 0.00	38.99 -0.43 0.00	38.43 -0.35 0.00	38.99 -0.43 0.00	40.17 -0.45 0.00	45.85 -0.70 0.00	52.86 -1.08 0.00	53.55 -1.43 0.00	53.78 -1.27 0.00	53.12 -1.03 0.00	51.72 -0.79 0.00	51.37 -0.89 0.00	50.08 -0.76 0.00	51.10 -0.78 0.00	53.94 -1.04 0.00	53.82 -1.44 0.00	53.94 -1.38 0.00	57.02 -1.58 0.00	56.54 -1.39 0.00	54.28 -1.22 0.00	54.05 -1.22 0.00	53.94 -0.71 0.00	53.84 -0.38 0.00	54.44 -0.11 0.00
CHATEAUG_WT_PWR 323614	40.81 -0.58 0.00	38.87 -0.55 0.00	38.31 -0.46 0.00	38.83 -0.59 0.00	40.05 -0.57 0.00	45.71 -0.84 0.00	52.64 -1.30 0.00	53.44 -1.54 0.00	53.44 -1.60 0.00	52.85 -1.30 0.00	51.40 -1.11 0.00	51.16 -1.10 0.00	49.88 -0.97 0.00	50.89 -0.99 0.00	53.61 -1.37 0.00	53.60 -1.66 0.00	53.83 -1.49 0.00	57.03 -1.58 0.00	56.48 -1.45 0.00	54.61 -0.89 0.00	54.00 -1.27 0.00	54.00 -0.65 0.00	53.67 -0.54 0.00	54.33 -0.22 0.00
CHAT_HIGH_FALL_HYD 323578	40.98 -0.41 0.00	38.99 -0.43 0.00	38.43 -0.35 0.00	38.99 -0.43 0.00	40.17 -0.45 0.00	45.85 -0.70 0.00	52.86 -1.08 0.00	53.55 -1.43 0.00	53.78 -1.27 0.00	53.12 -1.03 0.00	51.72 -0.79 0.00	51.37 -0.89 0.00	50.08 -0.76 0.00	51.10 -0.78 0.00	53.94 -1.04 0.00	53.82 -1.44 0.00	53.94 -1.38 0.00	57.02 -1.58 0.00	56.54 -1.39 0.00	54.28 -1.22 0.00	54.05 -1.22 0.00	53.94 -0.71 0.00	53.84 -0.38 0.00	54.44 -0.11 0.00
CHAUTAUQUA___LFGE 323629	37.50 -3.89 0.00	35.64 -3.78 0.00	35.25 -3.53 0.00	35.91 -3.51 0.00	37.20 -3.41 0.00	43.34 -3.21 0.00	49.19 -4.75 0.00	49.14 -5.94 -0.10	48.88 -6.16 0.00	47.76 -6.12 0.27	44.88 -5.72 1.90	45.79 -6.06 0.41	43.98 -6.36 0.50	41.75 -6.33 3.80	42.83 -6.76 5.38	43.61 -6.08 5.58	47.31 -6.09 1.92	48.51 -6.39 3.71	48.01 -5.97 3.96	42.43 -7.38 5.69	39.90 -6.19 9.18	39.93 -7.65 7.07	47.76 -6.45 0.00	48.60 -5.94 0.00
CHERRYST_13_KV_LD 356241	44.00 2.61 0.00	41.87 2.44 0.00	41.06 2.29 0.00	41.91 2.48 0.00	43.09 2.48 0.00	49.34 2.79 0.00	57.77 3.83 0.00	60.39 4.73 -0.68	64.33 4.68 -4.61	66.91 4.44 -8.32	59.81 4.04 -3.26	59.60 4.08 -3.27	58.42 4.02 -3.56	59.71 4.10 -3.73	63.47 4.40 -4.09	65.61 4.86 -5.48	66.93 5.14 -6.46	80.61 5.45 -16.55	75.67 5.39 -12.36	64.07 5.00 -3.58	62.38 4.86 -2.25	58.64 3.99 0.00	57.90 3.69 0.00	58.09 3.55 0.00

CHESTROR_138KV_BK263 355645	43.17 1.78 0.00	41.08 1.66 0.00	40.33 1.55 0.00	41.08 1.66 0.00	42.32 1.71 0.00	48.46 1.91 0.00	56.48 2.54 0.00	58.66 3.08 -0.59	51.64 3.03 6.43	45.31 2.76 11.60	50.47 2.52 4.55	50.20 2.51 4.56	48.37 2.49 4.96	49.21 2.54 5.21	51.61 2.80 6.18	50.14 3.21 8.32	65.23 3.71 -6.20	79.53 3.99 -16.94	74.26 3.94 -12.39	62.80 3.66 -3.64	61.08 3.54 -2.28	57.55 2.90 0.00	56.87 2.66 0.00	57.11 2.56 0.00
CH_MIDHUDSON___DRP 24192	44.00 2.61 0.00	41.87 2.44 0.00	41.10 2.33 0.00	41.91 2.48 0.00	43.09 2.48 0.00	49.39 2.84 0.00	57.55 3.61 0.00	60.01 4.34 -0.69	60.48 4.24 -1.20	60.32 4.01 -2.16	57.03 3.68 -0.85	56.82 3.71 -0.85	55.43 3.66 -0.92	56.59 3.74 -0.97	60.20 4.07 -1.15	61.34 4.53 -1.55	67.19 4.70 -7.17	82.19 5.10 -18.48	76.43 4.98 -13.52	64.13 4.66 -3.97	62.34 4.59 -2.48	58.42 3.77 0.00	57.74 3.52 0.00	57.93 3.38 0.00
CH_MISC_IPPS 23765	44.04 2.65 0.00	41.95 2.53 0.00	41.22 2.44 0.00	41.95 2.53 0.00	43.22 2.60 0.00	49.48 2.93 0.00	57.44 3.50 0.00	59.83 4.18 -0.67	59.50 4.46 0.00	58.16 4.01 0.00	56.33 3.83 0.00	56.12 3.87 0.00	54.51 3.66 0.00	55.87 3.99 0.00	59.54 4.56 0.00	60.01 4.75 0.00	67.25 4.98 -6.95	82.15 5.39 -18.15	76.53 5.33 -13.28	64.17 4.77 -3.90	62.40 4.70 -2.44	58.75 4.10 0.00	57.95 3.74 0.00	58.09 3.54 0.00
CH_RES_BVR_FALLS 23983	41.02 -0.37 0.00	39.07 -0.36 0.00	38.46 -0.31 0.00	39.11 -0.32 0.00	40.29 -0.33 0.00	46.08 -0.47 0.00	53.35 -0.59 0.00	54.32 -0.66 0.00	54.44 -0.60 0.00	53.66 -0.49 0.00	52.03 -0.47 0.00	51.79 -0.47 0.00	50.33 -0.51 0.00	51.36 -0.52 0.00	54.32 -0.66 0.00	54.43 -0.83 0.00	54.55 -0.77 0.00	57.73 -0.88 0.00	57.06 -0.87 0.00	54.89 -0.61 0.00	54.61 -0.66 0.00	54.27 -0.38 0.00	53.89 -0.32 0.00	54.27 -0.27 0.00
CH_RES_NIAGARA 23895	36.26 -5.13 0.00	34.65 -4.77 0.00	34.20 -4.58 0.00	34.53 -4.89 0.00	35.82 -4.79 0.00	41.52 -5.03 0.00	46.60 -7.34 0.00	46.71 -8.36 -0.09	46.35 -8.70 0.00	45.37 -8.56 0.22	43.53 -7.40 1.57	43.98 -7.94 0.33	42.45 -7.98 0.41	41.32 -7.42 3.14	42.72 -7.81 4.46	42.97 -7.68 4.61	45.47 -8.35 1.49	48.13 -7.85 2.62	46.57 -8.28 3.08	43.60 -7.22 4.69	40.22 -7.46 7.59	41.47 -7.32 5.86	45.98 -8.24 0.00	46.85 -7.69 0.00
CH_RES_SYRACUSE 23985	40.65 -0.74 0.00	38.71 -0.71 0.00	38.12 -0.66 0.00	38.71 -0.71 0.00	39.89 -0.73 0.00	45.85 -0.70 0.00	53.30 -0.64 0.00	54.39 -0.66 -0.07	54.27 -0.77 0.00	53.28 -0.87 0.00	51.72 -0.79 0.00	51.37 -0.89 0.00	49.98 -0.86 0.00	51.00 -0.88 0.00	54.16 -0.82 0.00	54.76 -0.50 0.00	55.49 -0.55 -0.73	60.13 -0.41 -1.93	58.94 -0.40 -1.41	55.19 -0.72 -0.42	54.98 -0.55 -0.26	53.73 -0.93 0.00	53.29 -0.92 0.00	53.62 -0.93 0.00
CLINTON_WT_PWR 323605	40.81 -0.58 0.00	38.87 -0.55 0.00	38.31 -0.46 0.00	38.83 -0.59 0.00	40.05 -0.57 0.00	45.71 -0.84 0.00	52.64 -1.30 0.00	53.44 -1.54 0.00	53.44 -1.60 0.00	52.85 -1.30 0.00	51.40 -1.11 0.00	51.16 -1.10 0.00	49.88 -0.97 0.00	50.89 -0.99 0.00	53.61 -1.37 0.00	53.60 -1.66 0.00	53.83 -1.49 0.00	57.03 -1.58 0.00	56.48 -1.45 0.00	54.61 -0.89 0.00	54.00 -1.27 0.00	54.00 -0.65 0.00	53.67 -0.54 0.00	54.33 -0.22 0.00
CLINTON___LFGE 323618	41.48 0.08 0.00	39.46 0.04 0.00	38.89 0.12 0.00	39.46 0.04 0.00	40.66 0.04 0.00	46.45 -0.09 0.00	53.35 -0.59 0.00	54.16 -0.82 0.00	54.22 -0.82 0.00	53.66 -0.49 0.00	52.19 -0.31 0.00	52.00 -0.26 0.00	50.64 -0.20 0.00	51.67 -0.21 0.00	54.32 -0.66 0.00	54.37 -0.89 0.00	54.66 -0.66 0.00	57.91 -0.70 0.00	57.41 -0.52 0.00	55.50 0.00 0.00	54.89 -0.38 0.00	54.82 0.16 0.00	54.43 0.22 0.00	55.25 0.71 0.00
COBBLENY_34_KV_TB1 80064	37.67 -3.73 0.00	35.91 -3.51 0.00	35.48 -3.30 0.00	35.91 -3.51 0.00	37.24 -3.37 0.00	43.29 -3.26 0.00	48.76 -5.18 0.00	48.54 -6.54 -0.10	48.88 -6.16 0.00	47.74 -6.17 0.23	44.94 -5.93 1.63	46.21 -5.70 0.35	44.56 -5.85 0.43	42.75 -5.86 3.27	44.35 -5.99 4.64	44.55 -5.91 4.80	48.32 -5.53 1.47	50.13 -5.80 2.67	49.62 -5.27 3.04	44.98 -5.72 4.80	41.46 -5.97 7.85	42.50 -6.07 6.09	48.31 -5.91 0.00	48.93 -5.62 0.00
COFFEEN___115KV_TB3 355620	41.14 -0.25 0.00	39.27 -0.16 0.00	38.43 -0.35 0.00	39.15 -0.28 0.00	40.37 -0.24 0.00	46.50 -0.05 0.00	54.43 0.49 0.00	56.01 0.99 -0.04	55.92 0.88 0.00	54.64 0.49 0.00	52.92 0.42 0.00	52.52 0.26 0.00	51.25 0.41 0.00	52.14 0.26 0.00	55.59 0.60 0.00	55.98 0.72 0.00	56.64 0.94 -0.37	60.81 1.23 -0.97	59.80 1.16 -0.71	56.71 1.00 -0.21	56.12 0.72 -0.13	55.09 0.44 0.00	54.38 0.16 0.00	54.55 0.00 0.00
COLDSPRG_115KV_BK1 355956	38.45 -2.94 0.00	36.58 -2.84 0.00	36.18 -2.60 0.00	36.74 -2.68 0.00	38.22 -2.40 0.00	44.59 -1.95 0.00	50.43 -3.51 0.00	49.98 -5.11 -0.11	50.91 -4.13 0.00	49.74 -4.28 0.13	47.19 -4.41 0.91	48.09 -3.97 0.19	46.43 -4.17 0.24	45.65 -4.41 1.82	47.95 -4.45 2.58	48.06 -4.53 2.67	51.51 -3.65 0.16	54.38 -4.40 -0.17	54.10 -3.42 0.41	48.30 -4.83 2.37	46.01 -5.08 4.18	45.91 -5.36 3.39	49.55 -4.66 0.00	49.91 -4.64 0.00
COLONIE_LFGE___ 323577	43.34 1.95 0.00	41.28 1.85 0.00	40.56 1.78 0.00	41.24 1.81 0.00	42.49 1.87 0.00	48.74 2.19 0.00	56.58 2.64 0.00	58.79 2.91 -0.89	59.05 2.97 -1.04	58.79 2.76 -1.88	55.92 2.68 -0.74	55.76 2.77 -0.74	54.24 2.59 -0.80	55.32 2.59 -0.84	58.84 2.86 -1.00	59.65 3.04 -1.35	67.60 3.04 -9.24	86.05 3.28 -24.16	78.90 3.30 -17.67	63.69 2.99 -5.19	61.50 2.98 -3.25	57.44 2.79 0.00	56.93 2.71 0.00	57.16 2.62 0.00
COOPERNY_115KV_TB1 80082	42.59 1.20 0.00	40.57 1.14 0.00	39.82 1.05 0.00	40.57 1.14 0.00	41.75 1.14 0.00	47.85 1.30 0.00	55.72 1.78 0.00	57.72 2.25 -0.49	53.33 2.15 3.86	49.14 1.95 6.96	51.51 1.73 2.73	51.29 1.78 2.74	49.64 1.78 2.98	50.51 1.76 3.13	53.20 1.92 3.71	52.53 2.27 5.00	63.10 2.71 -5.07	75.39 2.87 -13.91	70.94 2.84 -10.17	61.09 2.61 -2.98	59.68 2.54 -1.87	56.68 2.02 0.00	56.06 1.84 0.00	56.29 1.75 0.00
COPENHAGEN_WT_PWR 323753	40.85 -0.54 0.00	38.95 -0.47 0.00	38.20 -0.58 0.00	38.87 -0.55 0.00	40.09 -0.53 0.00	46.13 -0.42 0.00	53.94 0.00 0.00	55.35 0.33 -0.04	55.32 0.28 0.00	54.10 -0.05 0.00	52.45 -0.05 0.00	52.00 -0.26 0.00	50.79 -0.05 0.00	51.62 -0.26 0.00	54.98 0.00 0.00	55.43 0.17 0.00	56.04 0.33 -0.38	60.09 0.47 -1.02	59.14 0.46 -0.75	56.00 0.28 -0.22	55.57 0.17 -0.14	54.44 -0.22 0.00	53.89 -0.32 0.00	54.11 -0.44 0.00
CORNELL_____ 23752	41.52 0.12 0.00	39.50 0.08 0.00	38.89 0.12 0.00	39.54 0.12 0.00	40.74 0.12 0.00	46.97 0.42 0.00	54.64 0.70 0.00	55.68 0.55 -0.15	55.48 0.44 0.00	54.37 0.22 0.00	52.61 0.11 0.00	52.41 0.16 0.00	50.94 0.10 0.00	51.98 0.10 0.00	55.26 0.27 0.00	55.92 0.66 0.00	57.53 0.77 -1.43	63.79 1.41 -3.78	62.09 1.39 -2.77	57.30 1.00 -0.80	56.65 0.88 -0.50	55.20 0.55 0.00	54.54 0.33 0.00	54.82 0.27 0.00

CORONA__69_KV_TB1 355595	44.80 3.39 -0.02	42.63 3.19 -0.02	41.86 3.06 -0.02	42.58 3.15 0.00	43.66 3.05 0.00	50.18 3.63 0.00	61.08 4.69 -2.45	76.67 5.33 -16.35	68.44 5.23 -8.16	67.47 5.04 -8.29	60.49 4.73 -3.26	60.28 4.76 -3.27	59.03 4.63 -3.56	61.48 4.62 -4.98	68.34 5.17 -8.19	72.87 5.53 -12.08	89.02 5.75 -27.95	110.55 6.10 -45.85	94.56 6.08 -30.54	97.41 5.72 -36.19	76.02 5.69 -15.05	74.74 4.86 -15.23	68.07 4.66 -9.19	65.49 4.42 -6.52
CORTLAND__115KV_TB3 80093	41.23 -0.17 0.00	39.27 -0.16 0.00	38.66 -0.12 0.00	39.30 -0.12 0.00	40.49 -0.12 0.00	46.64 0.09 0.00	54.16 0.22 0.00	55.43 0.33 -0.12	55.26 0.22 0.00	54.20 0.05 0.00	52.45 -0.05 0.00	52.26 0.00 0.00	50.79 -0.05 0.00	51.83 -0.05 0.00	55.09 0.11 0.00	55.65 0.39 0.00	57.07 0.50 -1.25	62.59 0.70 -3.28	61.08 0.75 -2.40	56.64 0.44 -0.70	56.09 0.39 -0.43	54.71 0.05 0.00	54.11 -0.11 0.00	54.44 -0.11 0.00
COXSACKIE__GT 23611	44.62 3.23 0.00	42.62 3.19 0.00	41.88 3.10 0.00	42.62 3.19 0.00	43.90 3.29 0.00	50.36 3.82 0.00	58.36 4.42 0.00	60.48 4.67 -0.83	60.16 4.62 -0.50	59.05 4.01 -0.89	56.47 3.62 -0.35	56.26 3.66 -0.35	54.58 3.35 -0.38	55.96 3.68 -0.40	59.63 4.18 -0.48	60.21 4.31 -0.64	68.66 4.76 -8.59	86.38 5.33 -22.44	79.61 5.27 -16.41	64.98 4.66 -4.82	63.43 5.14 -3.02	59.46 4.81 0.00	58.66 4.45 0.00	59.13 4.58 0.00
CPV_VALLEY__CC1 323721	42.80 1.41 0.00	40.72 1.30 0.00	40.02 1.24 0.00	40.72 1.30 0.00	41.95 1.34 0.00	48.04 1.49 0.00	55.83 1.89 0.00	57.89 2.36 -0.55	52.11 2.53 5.46	46.57 2.27 9.85	50.74 2.10 3.87	50.58 2.19 3.88	48.66 2.04 4.22	49.73 2.28 4.43	52.37 2.64 5.25	50.95 2.76 7.07	64.42 3.04 -6.06	77.71 3.28 -15.82	72.74 3.24 -11.57	61.78 2.88 -3.39	60.21 2.82 -2.12	57.00 2.35 0.00	56.39 2.17 0.00	56.45 1.91 0.00
CPV_VALLEY__CC2 323722	42.80 1.41 0.00	40.72 1.30 0.00	40.02 1.24 0.00	40.72 1.30 0.00	41.95 1.34 0.00	48.04 1.49 0.00	55.83 1.89 0.00	57.89 2.36 -0.55	52.11 2.53 5.46	46.57 2.27 9.85	50.74 2.10 3.87	50.58 2.19 3.88	48.66 2.04 4.22	49.73 2.28 4.43	52.37 2.64 5.25	50.95 2.76 7.07	64.42 3.04 -6.06	77.71 3.28 -15.82	72.74 3.24 -11.57	61.78 2.88 -3.39	60.21 2.82 -2.12	57.00 2.35 0.00	56.39 2.17 0.00	56.45 1.91 0.00
CRESCENT__HYD 24018	43.34 1.95 0.00	41.28 1.85 0.00	40.56 1.78 0.00	41.24 1.81 0.00	42.49 1.87 0.00	48.74 2.19 0.00	56.58 2.64 0.00	58.79 2.91 -0.89	59.05 2.97 -1.04	58.79 2.76 -1.88	55.92 2.77 -0.74	55.76 2.68 -0.74	54.24 2.59 -0.80	55.32 2.59 -0.84	58.84 2.86 -1.00	59.65 3.04 -1.35	67.60 3.04 -9.24	86.05 3.28 -24.16	78.90 3.30 -17.67	63.69 2.99 -5.19	61.50 2.98 -3.25	57.44 2.79 0.00	56.93 2.71 0.00	57.16 2.62 0.00
CRICKET__VALLEY_CC1 323756	43.67 2.28 0.00	41.55 2.13 0.00	40.83 2.05 0.00	41.55 2.13 0.00	42.81 2.19 0.00	49.01 2.47 0.00	56.90 2.96 0.00	59.28 3.57 -0.73	61.90 3.80 -3.06	63.18 3.52 -5.52	58.13 3.46 -2.16	57.98 3.56 -2.17	56.56 3.35 -2.36	57.99 3.63 -2.48	61.99 4.07 -2.94	63.36 4.15 -3.96	66.88 4.15 -7.41	82.36 4.40 -19.35	76.48 4.40 -14.16	63.60 3.94 -4.16	61.80 3.92 -2.60	58.04 3.39 0.00	57.41 3.20 0.00	57.49 2.94 0.00
CRICKET__VALLEY_CC2 323757	43.67 2.28 0.00	41.55 2.13 0.00	40.83 2.05 0.00	41.55 2.13 0.00	42.81 2.19 0.00	49.01 2.47 0.00	56.90 2.96 0.00	59.28 3.57 -0.73	61.90 3.80 -3.06	63.18 3.52 -5.52	58.13 3.46 -2.16	57.98 3.56 -2.17	56.56 3.35 -2.36	57.99 3.63 -2.48	61.99 4.07 -2.94	63.36 4.15 -3.96	66.88 4.15 -7.41	82.36 4.40 -19.35	76.48 4.40 -14.16	63.60 3.94 -4.16	61.80 3.92 -2.60	58.04 3.39 0.00	57.41 3.20 0.00	57.49 2.94 0.00
CRICKET__VALLEY_CC3 323758	43.67 2.28 0.00	41.55 2.13 0.00	40.83 2.05 0.00	41.55 2.13 0.00	42.81 2.19 0.00	49.01 2.47 0.00	56.90 2.96 0.00	59.28 3.57 -0.73	61.90 3.80 -3.06	63.18 3.52 -5.52	58.13 3.46 -2.16	57.98 3.56 -2.17	56.56 3.35 -2.36	57.99 3.63 -2.48	61.99 4.07 -2.94	63.36 4.15 -3.96	66.88 4.15 -7.41	82.36 4.40 -19.35	76.48 4.40 -14.16	63.60 3.94 -4.16	61.80 3.92 -2.60	58.04 3.39 0.00	57.41 3.20 0.00	57.49 2.94 0.00
CRUCIBLE__METL_DRP 24180	40.61 -0.79 0.00	38.67 -0.75 0.00	38.12 -0.66 0.00	38.71 -0.71 0.00	39.88 -0.73 0.00	45.85 -0.70 0.00	53.24 -0.70 0.00	54.45 -0.60 -0.07	54.27 -0.77 0.00	53.28 -0.87 0.00	51.72 -0.79 0.00	51.47 -0.78 0.00	50.03 -0.81 0.00	51.05 -0.83 0.00	54.21 -0.77 0.00	54.71 -0.55 0.00	55.49 -0.55 -0.72	60.15 -0.35 -1.90	58.91 -0.41 -1.39	55.46 -0.44 -0.41	54.97 -0.55 -0.26	53.89 -0.77 0.00	53.29 -0.92 0.00	53.56 -0.98 0.00
DAHOWA__HYDRO 323763	43.83 2.44 0.00	41.75 2.33 0.00	41.02 2.25 0.00	41.71 2.29 0.00	43.01 2.40 0.00	49.39 2.84 0.00	57.44 3.50 0.00	59.57 3.68 -0.91	59.71 3.69 -0.98	59.38 3.47 -1.76	56.50 3.31 -0.69	56.34 3.39 -0.69	54.75 3.15 -0.75	55.31 2.64 -0.79	58.89 2.97 -0.94	59.73 3.20 -1.26	68.01 3.32 -9.38	86.74 3.63 -24.50	79.50 3.65 -17.92	64.04 3.27 -5.27	61.83 3.26 -3.30	58.26 3.61 0.00	57.74 3.52 0.00	58.04 3.49 0.00
DANC__LFGE 323619	40.52 -0.87 0.00	38.64 -0.79 0.00	37.92 -0.85 0.00	38.59 -0.83 0.00	39.76 -0.85 0.00	45.71 -0.84 0.00	53.30 -0.64 0.00	54.58 -0.44 -0.04	54.55 -0.50 0.00	53.44 -0.71 0.00	51.88 -0.63 0.00	51.47 -0.78 0.00	50.18 -0.66 0.00	51.10 -0.78 0.00	54.32 -0.66 0.00	54.82 -0.44 0.00	55.39 -0.38 -0.45	59.58 -0.23 -1.20	58.58 -0.23 -0.88	55.31 -0.45 -0.26	54.99 -0.44 -0.16	53.89 -0.77 0.00	53.35 -0.87 0.00	53.62 -0.93 0.00
DANSKAMMER__1 23586	44.04 2.65 0.00	41.95 2.53 0.00	41.22 2.44 0.00	41.95 2.53 0.00	43.22 2.60 0.00	49.48 2.93 0.00	57.44 3.50 0.00	59.83 4.18 -0.67	59.50 4.46 0.00	58.16 4.01 0.00	56.33 3.83 0.00	56.12 3.87 0.00	54.51 3.66 0.00	55.87 3.99 0.00	59.54 4.56 0.00	60.01 4.75 0.00	67.25 4.98 -6.95	82.15 5.39 -18.15	76.53 5.33 -13.28	64.17 4.77 -3.90	62.40 4.70 -2.44	58.75 4.10 0.00	57.95 3.74 0.00	58.09 3.54 0.00
DANSKAMMER__2 23589	44.04 2.65 0.00	41.95 2.53 0.00	41.22 2.44 0.00	41.95 2.53 0.00	43.22 2.60 0.00	49.48 2.93 0.00	57.44 3.50 0.00	59.83 4.18 -0.67	59.50 4.46 0.00	58.16 4.01 0.00	56.33 3.83 0.00	56.12 3.87 0.00	54.51 3.66 0.00	55.87 3.99 0.00	59.54 4.56 0.00	60.01 4.75 0.00	67.25 4.98 -6.95	82.15 5.39 -18.15	76.53 5.33 -13.28	64.17 4.77 -3.90	62.40 4.70 -2.44	58.75 4.10 0.00	57.95 3.74 0.00	58.09 3.54 0.00
DANSKAMMER__3 23590	44.04 2.65 0.00	41.95 2.53 0.00	41.22 2.44 0.00	41.95 2.53 0.00	43.22 2.60 0.00	49.48 2.93 0.00	57.44 3.50 0.00	59.83 4.18 -0.67	59.50 4.46 0.00	58.16 4.01 0.00	56.33 3.83 0.00	56.12 3.87 0.00	54.51 3.66 0.00	55.87 3.99 0.00	59.54 4.56 0.00	60.01 4.75 0.00	67.25 4.98 -6.95	82.15 5.39 -18.15	76.53 5.33 -13.28	64.17 4.77 -3.90	62.40 4.70 -2.44	58.75 4.10 0.00	57.95 3.74 0.00	58.09 3.54 0.00

DANSKAMMER___4 23591	44.04 2.65 0.00	41.95 2.53 0.00	41.22 2.44 0.00	41.95 2.53 0.00	43.22 2.60 0.00	49.48 2.93 0.00	57.44 3.50 0.00	59.83 4.18 -0.67	59.50 4.46 0.00	58.16 4.01 0.00	56.33 3.83 0.00	56.12 3.87 0.00	54.51 3.66 0.00	55.87 3.99 0.00	59.54 4.56 0.00	60.01 4.75 0.00	67.25 4.98 -6.95	82.15 5.39 -18.15	76.53 5.33 -13.28	64.17 4.77 -3.90	62.40 4.70 -2.44	58.75 4.10 0.00	57.95 3.74 0.00	58.09 3.54 0.00
DANSKAMMER___DIESEL 23592	44.08 2.69 0.00	41.99 2.56 0.00	41.22 2.44 0.00	42.03 2.60 0.00	43.22 2.60 0.00	49.48 2.93 0.00	57.72 3.78 0.00	60.11 4.45 -0.67	59.45 4.40 0.00	58.26 4.12 0.00	56.23 3.73 0.00	56.02 3.76 0.00	54.50 3.66 0.00	55.67 3.79 0.00	59.10 4.12 0.00	59.90 4.64 0.00	67.34 5.03 -6.98	82.16 5.39 -18.17	76.54 5.33 -13.29	64.34 4.94 -3.90	62.57 4.86 -2.44	58.64 3.99 0.00	57.96 3.74 0.00	58.20 3.65 0.00
DARBY___SOLAR 323810	43.75 2.36 0.00	41.67 2.25 0.00	40.95 2.17 0.00	41.63 2.21 0.00	42.89 2.27 0.00	49.25 2.70 0.00	57.29 3.35 0.00	59.41 3.52 -0.90	59.55 3.53 -0.99	59.23 3.30 -1.78	56.35 3.15 -0.70	56.20 3.24 -0.70	54.60 3.00 -0.76	55.27 2.59 -0.80	58.84 2.91 -0.95	59.68 3.15 -1.28	67.88 3.21 -9.36	86.58 3.52 -24.45	79.35 3.53 -17.88	63.97 3.22 -5.26	61.77 3.20 -3.29	58.10 3.45 0.00	57.58 3.36 0.00	57.87 3.33 0.00
DASHVILLE___HYD 23610	44.66 3.27 0.00	42.62 3.19 0.00	41.80 3.02 0.00	42.66 3.23 0.00	43.91 3.29 0.00	50.22 3.68 0.00	58.58 4.64 0.00	60.89 5.22 -0.69	59.56 5.34 0.82	57.55 4.87 1.47	56.28 4.36 0.58	56.07 4.39 0.58	54.43 4.22 0.63	55.63 4.41 0.66	59.09 4.89 0.79	59.73 5.53 1.06	68.45 5.97 -7.15	83.96 6.56 -18.79	78.05 6.37 -13.75	65.47 5.94 -4.03	63.65 5.86 -2.53	59.63 4.97 0.00	58.77 4.55 0.00	59.13 4.58 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	46.95 5.55 -0.01	44.64 5.20 -0.01	43.83 5.04 -0.01	44.51 5.09 0.00	45.53 4.91 0.00	52.50 5.96 0.00	63.44 7.82 -1.68	75.03 8.63 -11.42	70.51 8.42 -7.04	70.24 7.80 -8.29	63.17 7.40 -3.26	62.74 7.21 -3.27	61.52 7.12 -3.55	63.91 7.42 -4.61	70.66 8.58 -7.10	74.75 9.17 -10.31	85.93 9.24 -21.37	105.56 9.79 -37.16	92.80 9.73 -25.13	91.31 9.77 -26.04	76.21 9.51 -11.43	73.97 8.47 -10.85	68.89 8.13 -6.54	66.99 7.80 -4.64
DELAWARE___LFGE 323621	42.47 1.08 0.00	40.45 1.03 0.00	39.71 0.93 0.00	40.45 1.03 0.00	41.67 1.06 0.00	47.85 1.30 0.00	55.72 1.78 0.00	57.37 2.09 -0.30	56.51 2.04 0.57	54.91 1.79 1.03	53.73 1.63 0.40	53.42 1.57 0.41	51.98 1.58 0.44	53.02 1.61 0.46	56.24 1.81 0.55	56.62 2.10 0.74	60.83 2.32 -3.19	69.48 2.46 -8.41	66.58 2.49 -6.16	59.51 2.22 -1.79	58.55 2.16 -1.12	56.40 1.75 0.00	55.84 1.63 0.00	56.07 1.53 0.00
DERFIELD_115KV_TB7 355931	41.52 0.12 0.00	39.54 0.12 0.00	38.89 0.12 0.00	39.54 0.12 0.00	40.74 0.12 0.00	46.73 0.19 0.00	54.16 0.22 0.00	55.31 0.33 0.00	55.32 0.28 0.00	54.42 0.27 0.00	52.77 0.26 0.00	52.52 0.26 0.00	51.10 0.25 0.00	52.14 0.26 0.00	55.26 0.27 0.00	55.59 0.33 0.00	55.71 0.39 0.00	59.08 0.47 0.00	58.39 0.46 0.00	55.89 0.39 0.00	55.66 0.39 0.00	54.93 0.27 0.00	54.49 0.27 0.00	54.76 0.22 0.00
DOGLEVILLE___HYD 23807	41.85 0.46 0.00	39.90 0.47 0.00	39.24 0.47 0.00	39.93 0.51 0.00	41.18 0.57 0.00	47.29 0.74 0.00	54.86 0.92 0.00	56.02 1.04 0.00	56.14 1.10 0.00	55.18 1.03 0.00	53.50 1.00 0.00	53.25 0.99 0.00	51.81 0.96 0.00	52.86 0.98 0.00	56.08 1.10 0.00	56.42 1.16 0.00	56.54 1.22 0.00	59.89 1.29 0.00	59.20 1.27 0.00	56.55 1.05 0.00	56.27 1.00 0.00	55.53 0.87 0.00	55.08 0.86 0.00	55.36 0.82 0.00
DUNKIRK___115KV_TB_200 55889	37.38 -4.02 0.00	35.64 -3.78 0.00	35.29 -3.49 0.00	35.72 -3.71 0.00	37.16 -3.45 0.00	43.29 -3.26 0.00	48.82 -5.12 0.00	48.76 -6.32 -0.10	48.99 -6.05 0.00	47.81 -6.06 0.28	44.79 -5.78 1.94	46.20 -5.64 0.41	44.48 -5.85 0.51	42.10 -5.91 3.87	43.34 -6.16 5.49	43.44 -6.13 5.68	47.41 -5.92 2.00	48.60 -6.15 3.85	47.93 -5.91 4.09	43.64 -6.05 5.81	39.55 -6.36 9.37	41.05 -6.39 7.21	47.87 -6.34 0.00	48.38 -6.16 0.00
DUNKIRK___1 23563	37.38 -4.02 0.00	35.64 -3.78 0.00	35.29 -3.49 0.00	35.72 -3.71 0.00	37.16 -3.45 0.00	43.29 -3.26 0.00	48.82 -5.12 0.00	48.76 -6.32 -0.10	48.99 -6.05 0.00	47.81 -6.06 0.28	44.79 -5.78 1.94	46.20 -5.64 0.41	44.48 -5.85 0.51	42.10 -5.91 3.87	43.34 -6.16 5.49	43.44 -6.13 5.68	47.41 -5.92 2.00	48.60 -6.15 3.85	47.93 -5.91 4.09	43.64 -6.05 5.81	39.55 -6.36 9.37	41.05 -6.39 7.21	47.87 -6.34 0.00	48.38 -6.16 0.00
DUNKIRK___2 23564	37.38 -4.02 0.00	35.64 -3.78 0.00	35.29 -3.49 0.00	35.72 -3.71 0.00	37.16 -3.45 0.00	43.29 -3.26 0.00	48.82 -5.12 0.00	48.76 -6.32 -0.10	48.99 -6.05 0.00	47.81 -6.06 0.28	44.79 -5.78 1.94	46.20 -5.64 0.41	44.48 -5.85 0.51	42.10 -5.91 3.87	43.34 -6.16 5.49	43.44 -6.13 5.68	47.41 -5.92 2.00	48.60 -6.15 3.85	47.93 -5.91 4.09	43.64 -6.05 5.81	39.55 -6.36 9.37	41.05 -6.39 7.21	47.87 -6.34 0.00	48.38 -6.16 0.00
DUNKIRK___3 23565	37.42 -3.97 0.00	35.68 -3.75 0.00	35.29 -3.49 0.00	35.72 -3.71 0.00	37.12 -3.49 0.00	43.20 -3.35 0.00	48.71 -5.23 0.00	48.59 -6.49 -0.10	48.82 -6.22 0.00	47.62 -6.23 0.31	44.49 -5.88 2.14	46.05 -5.75 0.46	44.33 -5.95 0.56	41.65 -5.97 4.27	42.77 -6.16 6.05	42.86 -6.13 6.27	47.06 -5.92 2.34	47.83 -6.15 4.63	47.35 -5.79 4.79	43.03 -5.99 6.48	38.65 -6.25 10.37	40.36 -6.34 7.95	47.93 -6.29 0.00	48.44 -6.11 0.00
DUNKIRK___4 23566	37.42 -3.97 0.00	35.68 -3.75 0.00	35.29 -3.49 0.00	35.72 -3.71 0.00	37.12 -3.49 0.00	43.20 -3.35 0.00	48.71 -5.23 0.00	48.59 -6.49 -0.10	48.82 -6.22 0.00	47.62 -6.23 0.31	44.49 -5.88 2.14	46.05 -5.75 0.46	44.33 -5.95 0.56	41.65 -5.97 4.27	42.77 -6.16 6.05	42.86 -6.13 6.27	47.06 -5.92 2.34	47.83 -6.15 4.63	47.35 -5.79 4.79	43.03 -5.99 6.48	38.65 -6.25 10.37	40.36 -6.34 7.95	47.93 -6.29 0.00	48.44 -6.11 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	43.96 2.57 0.00	41.79 2.37 0.00	41.03 2.25 0.00	41.83 2.40 0.00	43.01 2.40 0.00	49.29 2.75 0.00	57.61 3.67 0.00	60.11 4.45 -0.68	64.00 4.35 -4.61	66.58 4.12 -8.31	59.55 3.78 -3.26	59.34 3.81 -3.27	58.16 3.76 -3.56	59.45 3.84 -3.73	63.53 4.12 -4.43	65.81 4.59 -5.96	67.13 4.76 -7.05	81.95 5.10 -18.25	76.32 5.04 -13.35	64.14 4.72 -3.92	62.31 4.59 -2.45	58.48 3.83 0.00	57.74 3.52 0.00	57.93 3.38 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	43.63 2.24 0.00	41.55 2.13 0.00	40.79 2.02 0.00	41.55 2.13 0.00	42.77 2.15 0.00	48.97 2.42 0.00	57.12 3.18 0.00	59.46 3.85 -0.63	56.15 3.74 2.64	52.85 3.47 4.76	53.73 3.10 1.87	53.52 3.14 1.87	51.86 3.05 2.04	52.90 3.16 2.14	55.91 3.46 2.54	55.77 3.92 3.42	66.39 4.48 -6.59	81.02 4.81 -17.61	75.56 4.75 -12.88	63.72 4.44 -3.78	61.95 4.31 -2.36	58.15 3.50 0.00	57.47 3.25 0.00	57.71 3.16 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	44.08 2.69 0.00	41.91 2.48 0.00	41.14 2.37 0.00	42.14 2.72 0.00	43.34 2.72 0.00	49.48 2.93 0.00	57.93 3.99 0.00	60.50 4.84 -0.68	63.78 4.13 -4.61	66.35 3.90 -8.31	59.38 3.62 -3.26	59.18 3.66 -3.27	58.06 3.66 -3.55	59.29 3.68 -3.73	63.31 3.90 -4.42	65.58 4.37 -5.96	67.02 4.65 -7.05	81.84 4.98 -18.25	76.14 4.87 -13.35	64.02 4.61 -3.92	62.20 4.48 -2.45	58.48 3.83 0.00	57.79 3.58 0.00	58.20 3.65 0.00
E179THST_13_KV_LOAD 356214	44.25 2.86 0.00	42.06 2.64 0.00	41.30 2.52 0.00	42.26 2.84 0.00	43.46 2.84 0.00	49.67 3.12 0.00	58.15 4.21 0.00	60.77 5.11 -0.68	64.00 4.35 -4.61	66.63 4.17 -8.31	59.65 3.89 -3.26	59.44 3.92 -3.27	58.26 3.86 -3.55	59.55 3.94 -3.73	63.58 4.18 -4.42	65.86 4.64 -5.96	67.29 4.92 -7.05	82.13 5.27 -18.25	76.49 5.21 -13.35	64.30 4.88 -3.92	62.53 4.81 -2.45	58.75 4.10 0.00	58.07 3.85 0.00	58.47 3.93 0.00
EAST HAMPTON___GT 23717	47.44 6.04 -0.01	45.11 5.68 -0.01	44.37 5.59 -0.01	45.10 5.68 0.00	46.55 5.93 0.00	53.25 6.70 0.00	63.76 8.15 -1.68	75.47 9.07 -11.42	71.22 9.14 -7.04	70.45 8.01 -8.29	63.33 7.56 -3.26	63.15 7.63 -3.27	61.92 7.52 -3.55	64.58 8.09 -4.61	71.70 9.62 -7.10	75.41 9.84 -10.31	86.64 10.02 -21.30	106.43 10.67 -37.15	93.71 10.66 -25.12	91.86 10.32 -26.04	76.87 10.17 -11.43	74.68 9.18 -10.85	69.65 8.89 -6.54	67.80 8.62 -4.64
EAST RIVER___6 23660	43.79 2.40 0.00	41.67 2.25 0.00	40.91 2.13 0.00	41.63 2.21 0.00	42.89 2.27 0.00	49.06 2.51 0.00	57.23 3.29 0.00	59.89 4.23 -0.68	64.28 4.62 -4.61	66.74 4.28 -8.32	59.81 4.04 -3.26	59.71 4.18 -3.27	58.37 3.97 -3.56	59.91 4.30 -3.73	63.85 4.78 -4.09	65.61 4.86 -5.48	66.86 5.15 -6.39	80.54 5.39 -16.54	75.60 5.33 -12.35	63.90 4.83 -3.57	62.27 4.75 -2.25	58.70 4.04 0.00	57.91 3.69 0.00	57.93 3.38 0.00
EAST RIVER___7 23524	43.79 2.40 0.00	41.67 2.25 0.00	40.91 2.13 0.00	41.63 2.21 0.00	42.89 2.27 0.00	49.06 2.51 0.00	57.23 3.29 0.00	59.89 4.23 -0.68	64.28 4.62 -4.61	66.74 4.28 -8.32	59.81 4.04 -3.26	59.71 4.18 -3.27	58.37 3.97 -3.56	59.91 4.30 -3.73	63.85 4.78 -4.09	65.61 4.86 -5.48	66.86 5.15 -6.39	80.54 5.39 -16.54	75.60 5.33 -12.35	63.90 4.83 -3.57	62.27 4.75 -2.25	58.70 4.04 0.00	57.91 3.69 0.00	57.93 3.38 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	43.83 2.44 0.00	41.71 2.29 0.00	40.91 2.13 0.00	41.71 2.29 0.00	42.93 2.32 0.00	49.15 2.61 0.00	57.50 3.56 0.00	59.94 4.29 -0.67	63.97 4.18 -4.74	66.65 3.95 -8.55	59.48 3.62 -3.35	59.28 3.66 -3.36	58.11 3.61 -3.66	59.40 3.68 -3.84	63.49 3.96 -4.55	65.81 4.42 -6.13	66.92 4.59 -7.01	81.74 4.92 -18.21	76.12 4.87 -13.32	63.96 4.55 -3.91	62.14 4.42 -2.45	58.32 3.66 0.00	57.58 3.36 0.00	57.76 3.22 0.00
EAST_HAMPTON___DIESEL 23722	47.44 6.04 -0.01	45.11 5.68 -0.01	44.37 5.59 -0.01	45.10 5.68 0.00	46.55 5.93 0.00	53.25 6.70 0.00	63.76 8.15 -1.68	75.47 9.07 -11.42	71.28 9.19 -7.04	70.45 8.01 -8.29	63.33 7.56 -3.26	63.15 7.63 -3.27	61.92 7.52 -3.55	64.58 8.09 -4.61	71.76 9.68 -7.10	75.46 9.89 -10.31	86.69 10.07 -21.30	106.48 10.73 -37.15	93.71 10.66 -25.12	91.86 10.32 -26.04	76.87 10.17 -11.43	74.68 9.18 -10.85	69.65 8.89 -6.54	67.86 8.67 -4.64
EAST_POINT___SOLAR 323840	44.12 2.73 0.00	42.06 2.64 0.00	41.30 2.52 0.00	41.98 2.56 0.00	43.34 2.72 0.00	49.94 3.40 0.00	58.47 4.53 0.00	60.37 4.40 -0.99	59.65 3.91 -0.70	58.50 3.08 -1.26	55.73 2.73 -0.50	54.69 1.93 -0.50	52.91 1.52 -0.54	54.42 1.97 -0.57	57.69 2.04 -0.67	59.65 3.48 -0.91	69.89 4.32 -10.25	90.30 4.92 -26.77	82.61 5.10 -19.58	65.80 4.55 -5.75	63.34 4.47 -3.60	58.92 4.27 0.00	58.33 4.12 0.00	58.58 4.04 0.00
EAST_PULASKI___ESR 323781	40.28 -1.12 0.00	38.40 -1.03 0.00	37.73 -1.05 0.00	38.36 -1.06 0.00	39.52 -1.09 0.00	45.43 -1.12 0.00	52.80 -1.14 0.00	53.99 -1.05 -0.05	53.94 -1.10 0.00	52.91 -1.24 0.00	51.40 -1.11 0.00	51.00 -1.25 0.00	49.72 -1.12 0.00	50.63 -1.25 0.00	53.77 -1.21 0.00	54.32 -0.94 0.00	54.90 -0.94 -0.52	59.22 -0.76 -1.38	58.18 -0.75 -1.01	54.80 -1.00 -0.30	54.52 -0.94 -0.19	53.40 -1.25 0.00	52.91 -1.30 0.00	53.24 -1.31 0.00
EAST_RIVER___1 323558	43.83 2.44 0.00	41.71 2.29 0.00	40.95 2.17 0.00	41.67 2.25 0.00	42.93 2.31 0.00	49.11 2.56 0.00	57.23 3.29 0.00	59.84 4.18 -0.68	64.17 4.51 -4.61	66.64 4.17 -8.32	59.75 3.99 -3.26	59.61 4.08 -3.27	58.26 3.86 -3.56	59.81 4.20 -3.73	63.80 4.73 -4.09	65.50 4.75 -5.48	66.69 4.98 -6.39	80.42 5.28 -16.54	75.49 5.22 -12.35	63.79 4.71 -3.57	62.16 4.64 -2.25	58.64 3.99 0.00	57.91 3.69 0.00	57.93 3.38 0.00
EAST_RIVER___2 323559	43.79 2.40 0.00	41.67 2.25 0.00	40.91 2.13 0.00	41.63 2.21 0.00	42.89 2.27 0.00	49.06 2.51 0.00	57.23 3.29 0.00	59.89 4.23 -0.68	64.28 4.62 -4.61	66.74 4.28 -8.32	59.81 4.04 -3.26	59.71 4.18 -3.27	58.37 3.97 -3.56	59.91 4.30 -3.73	63.85 4.78 -4.09	65.61 4.86 -5.48	66.86 5.15 -6.39	80.54 5.39 -16.54	75.60 5.33 -12.35	63.90 4.83 -3.57	62.27 4.75 -2.25	58.70 4.04 0.00	57.91 3.69 0.00	57.93 3.38 0.00
EAST___DELAWARE_HYD 23607	43.79 2.40 0.00	41.79 2.37 0.00	41.02 2.25 0.00	41.79 2.37 0.00	43.05 2.44 0.00	49.34 2.79 0.00	57.29 3.35 0.00	59.54 3.96 -0.60	56.92 4.18 2.30	53.62 3.63 4.16	54.24 3.36 1.63	54.02 3.39 1.63	52.22 3.15 1.78	53.49 3.48 1.87	56.84 4.07 2.21	56.70 4.42 2.98	66.61 4.92 -6.37	80.63 5.39 -16.64	75.42 5.33 -12.17	63.79 4.71 -3.57	62.09 4.58 -2.23	58.64 3.99 0.00	57.79 3.58 0.00	58.04 3.49 0.00
EIGHT_POINT___WT_PWR 323820	38.29 -3.11 0.00	36.51 -2.92 0.00	36.14 -2.64 0.00	36.82 -2.60 0.00	38.22 -2.40 0.00	44.36 -2.19 0.00	51.35 -2.59 0.00	51.99 -3.13 -0.13	51.63 -3.41 0.00	51.35 -3.79 -0.99	55.82 -3.62 -6.94	50.03 -3.71 -1.48	48.40 -4.27 -1.83	62.10 -3.58 -13.80	70.92 -3.63 -19.57	72.55 -2.98 -20.27	66.13 -2.65 -13.46	85.44 -2.69 -29.53	82.64 -2.20 -26.91	75.34 -3.66 -23.50	87.30 -3.09 -35.12	76.15 -4.21 -25.71	50.15 -4.07 0.00	50.62 -3.93 0.00
ELBRIDGE_115KV_TB2 80188	40.40 -0.99 0.00	38.48 -0.95 0.00	37.88 -0.89 0.00	38.48 -0.95 0.00	39.64 -0.97 0.00	45.62 -0.93 0.00	52.86 -1.08 0.00	54.07 -0.99 -0.07	53.94 -1.10 0.00	52.96 -1.19 0.00	51.35 -1.16 0.00	51.11 -1.15 0.00	49.67 -1.17 0.00	50.69 -1.19 0.00	53.83 -1.15 0.00	54.32 -0.94 0.00	55.14 -0.94 -0.76	59.86 -0.76 -2.01	58.59 -0.81 -1.47	55.10 -0.83 -0.43	54.60 -0.94 -0.27	53.51 -1.15 0.00	52.92 -1.30 0.00	53.18 -1.36 0.00
ELEC_TRO_TEK 24086	44.55 3.15 -0.01	42.39 2.96 -0.01	41.62 2.83 -0.01	42.34 2.92 0.00	43.42 2.80 0.00	49.90 3.35 0.00	60.77 4.42 -2.40	76.12 5.06 -16.08	68.10 4.95 -8.10	67.15 4.71 -8.29	60.18 4.41 -3.26	59.97 4.44 -3.27	58.77 4.37 -3.56	61.25 4.41 -4.96	68.01 4.89 -8.13	72.56 5.31 -11.99	88.33 5.42 -27.59	109.66 5.68 -45.37	93.85 5.68 -30.25	96.52 5.38 -35.64	75.50 5.36 -14.87	74.25 4.59 -15.01	67.66 4.39 -9.05	65.12 4.15 -6.43

ELLENBURG_WT_PWR 323604	40.81 -0.58 0.00	38.87 -0.55 0.00	38.31 -0.46 0.00	38.83 -0.59 0.00	40.05 -0.57 0.00	45.71 -0.84 0.00	52.64 -1.30 0.00	53.44 -1.54 0.00	53.44 -1.60 0.00	52.85 -1.30 0.00	51.40 -1.11 0.00	51.16 -1.10 0.00	49.88 -0.97 0.00	50.89 -0.99 0.00	53.61 -1.37 0.00	53.60 -1.66 0.00	53.83 -1.49 0.00	57.03 -1.58 0.00	56.48 -1.45 0.00	54.61 -0.89 0.00	54.00 -1.27 0.00	54.00 -0.65 0.00	53.67 -0.54 0.00	54.33 -0.22 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	37.21 -4.18 0.00	35.56 -3.86 0.00	35.09 -3.68 0.00	35.48 -3.94 0.00	36.84 -3.78 0.00	42.78 -3.77 0.00	48.17 -5.77 0.00	48.09 -6.98 -0.09	48.16 -6.88 0.00	47.02 -6.82 0.31	43.95 -6.41 2.15	45.47 -6.32 0.46	43.82 -6.46 0.57	41.20 -6.38 4.30	42.28 -6.60 6.10	42.42 -6.52 6.32	46.48 -6.47 2.37	47.26 -6.56 4.78	46.78 -6.31 4.84	42.73 -6.22 6.56	38.27 -6.52 10.48	40.13 -6.50 8.02	47.55 -6.67 0.00	48.27 -6.27 0.00
EMPIRE_CC_1 323656	42.97 1.57 0.00	40.88 1.46 0.00	40.17 1.39 0.00	40.88 1.46 0.00	42.12 1.50 0.00	48.27 1.72 0.00	55.83 1.89 0.00	58.05 2.20 -0.86	58.59 2.31 -1.24	58.49 2.11 -2.23	55.42 2.05 -0.88	55.28 2.14 -0.88	53.83 2.04 -0.95	55.01 2.13 -1.00	58.53 2.36 -1.19	59.35 2.49 -1.60	66.71 2.49 -8.89	84.43 2.58 -23.25	77.48 2.55 -17.00	62.88 2.38 -5.00	60.77 2.38 -3.13	56.78 2.13 0.00	56.22 2.01 0.00	56.45 1.91 0.00
EMPIRE_CC_2 323658	42.97 1.57 0.00	40.88 1.46 0.00	40.17 1.39 0.00	40.88 1.46 0.00	42.12 1.50 0.00	48.27 1.72 0.00	55.83 1.89 0.00	58.05 2.20 -0.86	58.59 2.31 -1.24	58.49 2.11 -2.23	55.42 2.05 -0.88	55.28 2.14 -0.88	53.83 2.04 -0.95	55.01 2.13 -1.00	58.53 2.36 -1.19	59.35 2.49 -1.60	66.71 2.49 -8.89	84.43 2.58 -23.25	77.48 2.55 -17.00	62.88 2.38 -5.00	60.77 2.38 -3.13	56.78 2.13 0.00	56.22 2.01 0.00	56.45 1.91 0.00
ENORWICH_115KV_TB1 80156	43.34 1.95 0.00	41.39 1.97 0.00	40.52 1.74 0.00	41.32 1.89 0.00	42.61 1.99 0.00	49.39 2.84 0.00	57.82 3.88 -0.21	63.88 8.69 0.50	62.79 8.26 0.50	60.55 7.31 0.91	58.71 6.56 0.36	58.06 6.17 0.36	56.66 6.20 0.39	57.59 6.12 0.41	62.03 7.53 0.49	62.84 8.23 0.66	67.48 9.40 -2.76	71.22 5.33 -7.28	68.59 5.33 -5.33	61.71 4.66 -1.54	60.60 4.37 -0.96	58.42 3.77 0.00	57.58 3.36 0.00	57.82 3.27 0.00
ERIE_ST__34_KV_TB1-2 80199	38.04 -3.35 0.00	36.27 -3.15 0.00	35.83 -2.95 0.00	36.27 -3.15 0.00	37.61 -3.01 0.00	43.71 -2.84 0.00	49.36 -4.58 0.00	48.70 -6.38 -0.10	49.54 -5.50 0.00	48.37 -5.52 0.25	45.16 -5.57 1.77	46.75 -5.12 0.38	45.13 -5.24 0.47	42.99 -5.34 3.54	44.57 -5.39 5.03	44.64 -5.42 5.21	49.09 -4.48 1.75	50.07 -5.27 3.26	50.23 -4.11 3.59	44.73 -5.49 5.28	40.97 -5.75 8.55	42.15 -5.90 6.61	48.90 -5.31 0.00	49.47 -5.07 0.00
ERIE_WT_PWR 323693	37.63 -3.77 0.00	35.76 -3.67 0.00	35.29 -3.49 0.00	35.95 -3.47 0.00	37.12 -3.49 0.00	43.10 -3.44 0.00	48.93 -5.01 0.00	48.76 -6.32 -0.10	48.44 -6.61 0.00	47.36 -6.50 0.29	44.38 -6.09 2.04	45.50 -6.32 0.44	43.70 -6.61 0.54	41.38 -6.43 4.06	42.34 -6.87 5.76	43.16 -6.14 5.97	47.05 -6.09 2.18	48.01 -6.33 4.27	47.71 -5.74 4.48	42.08 -7.27 6.15	39.38 -6.02 9.86	39.60 -7.49 7.57	47.93 -6.29 0.00	48.93 -5.62 0.00
ESPRGFLD_115KV_TB1 80157	42.76 1.37 0.00	40.76 1.34 0.00	40.02 1.24 0.00	40.72 1.30 0.00	41.96 1.34 0.00	48.36 1.82 0.00	56.42 2.48 0.00	57.73 2.75 0.00	57.52 2.48 0.00	56.26 2.11 0.00	54.34 1.84 0.00	53.88 1.62 0.00	52.37 1.53 0.00	53.49 1.61 0.00	56.85 1.87 0.00	57.69 2.43 0.00	58.25 2.93 0.00	61.77 3.16 0.00	61.17 3.24 0.00	58.38 2.89 0.01	57.97 2.71 0.01	57.06 2.40 0.00	56.44 2.22 0.00	56.67 2.13 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	41.43 0.04 0.00	39.46 0.04 0.00	38.85 0.08 0.00	39.50 0.08 0.00	40.70 0.08 0.00	46.92 0.37 0.00	54.53 0.59 0.00	55.57 0.44 -0.15	55.37 0.33 0.00	54.26 0.11 0.00	52.50 0.00 0.00	52.31 0.05 0.00	50.84 0.00 0.00	51.88 0.00 0.00	55.15 0.16 0.00	55.76 0.50 0.00	57.42 0.66 -1.43	63.62 1.23 -3.78	61.98 1.27 -2.77	57.19 0.89 -0.80	56.54 0.77 -0.50	55.09 0.44 0.00	54.43 0.22 0.00	54.71 0.16 0.00
ETNA____115KV_TB2 80207	41.43 0.04 0.00	39.46 0.04 0.00	38.85 0.08 0.00	39.50 0.08 0.00	40.70 0.08 0.00	46.92 0.37 0.00	54.53 0.59 0.00	55.57 0.44 -0.15	55.37 0.33 0.00	54.26 0.11 0.00	52.50 0.00 0.00	52.31 0.05 0.00	50.84 0.00 0.00	51.88 0.00 0.00	55.15 0.16 0.00	55.76 0.50 0.00	57.42 0.66 -1.43	63.62 1.23 -3.78	61.98 1.27 -2.77	57.19 0.89 -0.80	56.54 0.77 -0.50	55.09 0.44 0.00	54.43 0.22 0.00	54.71 0.16 0.00
EUCLID__115KV_TB2 356179	40.15 -1.24 0.00	38.24 -1.18 0.00	37.65 -1.12 0.00	38.24 -1.18 0.00	39.40 -1.22 0.00	45.34 -1.21 0.00	52.48 -1.46 0.00	53.72 -1.32 -0.06	53.56 -1.49 0.00	52.58 -1.57 0.00	51.03 -1.47 0.00	50.79 -1.46 0.00	49.37 -1.47 0.00	50.43 -1.45 0.00	53.50 -1.48 0.00	53.99 -1.27 0.00	54.60 -1.33 -0.61	59.02 -1.17 -1.59	57.87 -1.22 -1.16	54.62 -1.22 -0.34	54.21 -1.27 -0.21	53.18 -1.48 0.00	52.59 -1.63 0.00	52.85 -1.69 0.00
E_CANADA_CAP_HY 24051	43.26 1.86 0.00	41.24 1.81 0.00	40.48 1.70 0.00	41.20 1.78 0.00	42.49 1.87 0.00	48.92 2.37 0.00	57.23 3.29 0.00	59.14 3.13 -1.03	58.50 2.86 -0.59	57.55 2.33 -1.07	54.97 2.05 -0.42	54.46 1.78 -0.42	52.83 1.52 -0.46	54.07 1.71 -0.48	57.48 1.92 -0.57	58.74 2.71 -0.77	69.17 3.21 -10.64	90.03 3.63 -27.79	82.01 3.76 -20.32	64.74 3.27 -5.97	62.21 3.20 -3.73	57.77 3.11 0.00	57.20 2.98 0.00	57.43 2.89 0.00
E_CANADA_MHWK_HY 24050	41.85 0.46 0.00	39.90 0.47 0.00	39.24 0.47 0.00	39.93 0.51 0.00	41.18 0.57 0.00	47.29 0.74 0.00	54.86 0.92 0.00	56.02 1.04 0.00	56.14 1.10 0.00	55.18 1.03 0.00	53.50 1.00 0.00	53.25 0.99 0.00	51.81 0.96 0.00	52.86 0.98 0.00	56.08 1.10 0.00	56.42 1.16 0.00	56.54 1.22 0.00	59.89 1.29 0.00	59.20 1.27 0.00	56.55 1.05 0.00	56.27 1.00 0.00	55.53 0.87 0.00	55.08 0.86 0.00	55.36 0.82 0.00
E_FISHKILL__LBMP 23776	43.75 2.36 0.00	41.63 2.21 0.00	40.87 2.09 0.00	41.63 2.21 0.00	42.85 2.23 0.00	49.11 2.56 0.00	57.28 3.34 0.00	59.71 4.01 -0.71	62.37 3.96 -3.37	63.96 3.74 -6.07	58.35 3.47 -2.38	58.15 3.50 -2.39	56.90 3.46 -2.60	58.13 3.53 -2.73	62.01 3.79 -3.23	63.82 4.20 -4.35	66.99 4.26 -7.41	81.71 4.51 -18.59	75.99 4.46 -13.60	63.65 4.16 -3.99	61.86 4.09 -2.50	58.04 3.39 0.00	57.36 3.14 0.00	57.55 3.00 0.00
FALCON___SEABRD_CC1 323796	41.31 -0.08 0.00	39.31 -0.12 0.00	38.74 -0.04 0.00	39.31 -0.12 0.00	40.53 -0.08 0.00	46.27 -0.28 0.00	52.97 -0.97 0.00	53.77 -1.21 0.00	53.83 -1.21 0.00	53.28 -0.87 0.00	51.82 -0.68 0.00	51.58 -0.68 0.00	50.28 -0.56 0.00	51.31 -0.57 0.00	53.99 -0.99 0.00	53.99 -1.27 0.00	54.27 -1.05 0.00	57.49 -1.12 0.00	56.94 -0.99 0.00	55.05 -0.45 0.00	54.44 -0.83 0.00	54.38 -0.27 0.00	54.05 -0.16 0.00	55.04 0.49 0.00

FALCON___SEABRD_CC2 323797	41.31 -0.08 0.00	39.31 -0.12 0.00	38.74 -0.04 0.00	39.31 -0.12 0.00	40.53 -0.08 0.00	46.27 -0.28 0.00	52.97 -0.97 0.00	53.77 -1.21 0.00	53.83 -1.21 0.00	53.28 -0.87 0.00	51.82 -0.68 0.00	51.58 -0.68 0.00	50.28 -0.56 0.00	51.31 -0.57 0.00	53.99 -0.99 0.00	53.99 -1.27 0.00	54.27 -1.05 0.00	57.49 -1.12 0.00	56.94 -0.99 0.00	55.05 -0.45 0.00	54.44 -0.83 0.00	54.38 -0.27 0.00	54.05 -0.16 0.00	55.04 0.49 0.00
FAR ROCKAWAY___4 23548	45.13 3.73 -0.02	42.99 3.55 -0.02	42.17 3.37 -0.02	42.89 3.47 0.00	43.95 3.33 0.00	50.55 4.00 0.00	61.34 5.12 -2.28	76.09 5.83 -15.28	68.69 5.72 -7.92	67.96 5.52 -8.29	60.91 5.15 -3.26	60.70 5.17 -3.27	59.48 5.08 -3.56	61.85 5.08 -4.89	68.62 5.72 -7.92	73.04 6.13 -11.65	88.20 6.36 -26.51	109.24 6.68 -43.95	94.01 6.72 -29.36	95.80 6.33 -33.98	75.68 6.25 -14.17	74.22 5.41 -14.15	67.91 5.15 -8.54	65.52 4.91 -6.06
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	43.96 2.57 0.00	41.79 2.37 0.00	40.99 2.21 0.00	41.83 2.40 0.00	43.01 2.40 0.00	49.29 2.75 0.00	57.66 3.72 0.00	60.28 4.62 -0.68	64.17 4.51 -4.61	66.74 4.28 -8.32	59.65 3.89 -3.26	59.45 3.92 -3.27	58.26 3.86 -3.56	59.56 3.94 -3.74	63.59 4.18 -4.43	65.87 4.64 -5.97	67.29 4.92 -7.05	82.07 5.22 -18.25	76.49 5.21 -13.35	64.25 4.83 -3.92	62.42 4.70 -2.45	58.53 3.88 0.00	57.79 3.58 0.00	57.98 3.44 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	43.96 2.57 0.00	41.79 2.37 0.00	41.03 2.25 0.00	41.83 2.40 0.00	43.05 2.44 0.00	49.29 2.75 0.00	57.66 3.72 0.00	60.28 4.62 -0.68	64.17 4.51 -4.61	66.74 4.28 -8.32	59.65 3.89 -3.26	59.45 3.92 -3.27	58.26 3.86 -3.56	59.56 3.94 -3.74	63.59 4.18 -4.43	65.92 4.70 -5.97	67.29 4.92 -7.05	82.13 5.27 -18.25	76.49 5.21 -13.35	64.25 4.83 -3.92	62.48 4.75 -2.45	58.53 3.88 0.00	57.79 3.58 0.00	57.98 3.44 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	43.92 2.52 0.00	41.79 2.37 0.00	40.99 2.21 0.00	41.83 2.40 0.00	43.01 2.40 0.00	49.25 2.70 0.00	57.66 3.72 0.00	60.22 4.56 -0.68	64.11 4.46 -4.61	66.69 4.22 -8.32	59.60 3.83 -3.26	59.39 3.87 -3.27	58.26 3.86 -3.56	59.51 3.89 -3.74	63.59 4.18 -4.43	65.87 4.64 -5.97	67.24 4.87 -7.05	82.07 5.22 -18.25	76.43 5.16 -13.35	64.19 4.77 -3.92	62.42 4.70 -2.45	58.48 3.83 0.00	57.74 3.52 0.00	57.93 3.38 0.00
FARRAGUT___LBMP 323566	43.88 2.48 0.00	41.75 2.33 0.00	40.95 2.17 0.00	41.79 2.37 0.00	42.97 2.36 0.00	49.20 2.65 0.00	57.61 3.67 0.00	60.17 4.51 -0.68	64.06 4.40 -4.61	66.63 4.17 -8.32	59.60 3.83 -3.26	59.39 3.87 -3.27	58.21 3.81 -3.56	59.45 3.84 -3.74	63.53 4.12 -4.43	65.81 4.59 -5.97	67.24 4.87 -7.05	82.01 5.16 -18.25	76.37 5.10 -13.35	64.19 4.77 -3.92	62.37 4.64 -2.45	58.48 3.83 0.00	57.74 3.52 0.00	57.93 3.38 0.00
FENNER___WINDPWR 24204	41.76 0.37 0.00	39.82 0.39 0.00	39.12 0.35 0.00	39.82 0.39 0.00	41.02 0.41 0.00	47.25 0.70 0.00	54.96 1.02 0.00	56.38 1.32 -0.08	56.31 1.27 0.00	55.18 1.03 0.00	53.45 0.95 0.00	53.14 0.89 0.00	51.71 0.86 0.00	52.76 0.88 0.00	56.14 1.16 0.00	56.58 1.32 0.00	57.37 1.22 -0.84	62.22 1.35 -2.26	60.92 1.33 -1.66	56.93 0.94 -0.48	56.57 1.00 -0.30	55.31 0.66 0.00	54.81 0.60 0.00	55.15 0.60 0.00
FIBERTEK___ENERGY 23856	40.61 -0.79 0.00	38.67 -0.75 0.00	38.12 -0.66 0.00	38.71 -0.71 0.00	39.88 -0.73 0.00	45.85 -0.70 0.00	53.24 -0.70 0.00	54.45 -0.60 -0.07	54.27 -0.77 0.00	53.28 -0.87 0.00	51.72 -0.79 0.00	51.47 -0.78 0.00	50.03 -0.81 0.00	51.05 -0.83 0.00	54.21 -0.77 0.00	54.71 -0.55 0.00	55.49 -0.55 -0.72	60.15 -0.35 -1.90	58.91 -0.41 -1.39	55.46 -0.44 -0.41	54.97 -0.55 -0.26	53.89 -0.77 0.00	53.29 -0.92 0.00	53.56 -0.98 0.00
FITZPATRICK____ 23598	39.66 -1.74 0.00	37.77 -1.65 0.00	37.18 -1.59 0.00	37.77 -1.65 0.00	38.91 -1.70 0.00	44.68 -1.86 0.00	51.78 -2.16 0.00	52.82 -2.20 -0.04	52.78 -2.26 0.00	51.82 -2.33 0.00	50.30 -2.20 0.00	49.96 -2.30 0.00	48.66 -2.18 0.00	49.60 -2.28 0.00	52.62 -2.36 0.00	53.11 -2.16 0.00	53.54 -2.21 -0.43	57.52 -2.23 -1.14	56.56 -2.20 -0.83	53.47 -2.28 -0.25	53.27 -2.16 -0.16	52.25 -2.40 0.00	51.83 -2.38 0.00	52.20 -2.34 0.00
FLOWRFLD_69_KV_BK1 356044	45.58 4.18 -0.01	43.33 3.90 -0.01	42.51 3.72 -0.01	43.21 3.78 0.00	44.23 3.61 0.00	50.92 4.38 0.00	61.50 5.88 -1.68	73.02 6.60 -11.44	68.58 6.49 -7.05	68.45 6.01 -8.29	61.49 5.72 -3.26	61.22 5.70 -3.27	59.94 5.54 -3.55	62.30 5.81 -4.61	68.68 6.60 -7.10	72.60 7.02 -10.32	83.92 7.19 -21.40	102.96 7.15 -37.21	90.27 7.18 -25.16	88.91 7.33 -26.09	73.96 7.24 -11.45	71.86 6.34 -10.87	66.85 6.07 -6.56	64.98 5.78 -4.65
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	44.17 2.77 0.00	42.06 2.64 0.00	41.30 2.52 0.00	42.06 2.64 0.00	43.30 2.68 0.00	49.57 3.03 0.00	57.82 3.88 0.00	60.22 4.56 -0.68	60.18 4.51 -0.62	59.50 4.22 -1.12	56.78 3.83 -0.44	56.57 3.87 -0.44	55.09 3.76 -0.48	56.27 3.89 -0.50	59.81 4.23 -0.60	60.82 4.75 -0.81	67.46 5.09 -7.05	82.36 5.51 -18.25	76.66 5.39 -13.34	64.47 5.05 -3.92	62.64 4.92 -2.45	58.75 4.10 0.00	58.01 3.80 0.00	58.25 3.71 0.00
FORT ORANGE____ 23900	43.17 1.78 0.00	41.08 1.66 0.00	40.37 1.59 0.00	41.04 1.62 0.00	42.28 1.67 0.00	48.50 1.95 0.00	56.26 2.32 0.00	58.39 2.53 -0.88	58.58 2.59 -0.95	58.25 2.38 -1.72	55.49 2.31 -0.68	55.34 2.41 -0.68	53.81 2.23 -0.74	55.04 2.39 -0.77	58.54 2.64 -0.92	59.26 2.76 -1.24	67.17 2.76 -9.08	85.33 2.99 -23.73	78.30 3.01 -17.36	63.32 2.72 -5.10	61.28 2.82 -3.19	57.22 2.57 0.00	56.66 2.44 0.00	56.89 2.34 0.00
FORT_DRUM_COGEN 23780	40.85 -0.54 0.00	38.99 -0.43 0.00	38.19 -0.58 0.00	38.87 -0.55 0.00	40.13 -0.49 0.00	46.17 -0.37 0.00	53.99 0.05 0.00	55.51 0.49 -0.03	55.48 0.44 0.00	54.26 0.11 0.00	52.56 0.05 0.00	52.20 -0.05 0.00	50.89 0.05 0.00	51.83 -0.05 0.00	55.20 0.22 0.00	55.54 0.28 0.00	56.12 0.44 -0.36	60.13 0.59 -0.93	59.19 0.58 -0.68	56.15 0.44 -0.20	55.62 0.22 -0.13	54.60 -0.05 0.00	53.95 -0.27 0.00	54.11 -0.44 0.00
FOX_HILLS___ESR 323835	67.28 2.90 -22.99	66.32 2.72 -24.18	66.24 2.60 -24.87	66.32 2.80 -24.09	66.24 2.80 -22.82	66.34 3.07 -16.72	67.65 4.10 -9.61	73.27 4.89 -13.40	71.94 4.51 -12.38	72.09 4.22 -13.72	71.00 4.04 -14.46	70.95 4.08 -14.62	71.04 4.02 -16.19	70.80 4.15 -14.77	69.57 4.40 -10.19	71.62 4.92 -11.44	180.38 5.09 -119.97	236.19 5.45 -172.13	180.06 5.27 -116.86	175.81 5.05 -115.26	180.05 4.97 -119.81	78.37 4.15 -19.56	70.90 3.90 -12.78	68.94 3.87 -10.52
FPL FAR_ROCK_GT1 24212	45.05 3.64 -0.02	42.91 3.47 -0.02	42.16 3.37 -0.02	42.93 3.51 0.00	44.19 3.58 0.00	50.59 4.05 0.00	61.07 4.86 -2.28	75.76 5.50 -15.28	68.74 5.78 -7.92	67.75 5.31 -8.29	60.70 4.93 -3.26	60.65 5.12 -3.27	59.43 5.03 -3.56	62.17 5.40 -4.89	69.11 6.21 -7.92	73.21 6.30 -11.65	88.12 6.36 -26.44	109.22 6.68 -43.94	93.94 6.66 -29.35	95.58 6.11 -33.97	75.57 6.13 -14.17	74.27 5.46 -14.15	68.01 5.26 -8.54	65.57 4.96 -6.06

FPL FAR_ROCK_GT2 23815	45.05 3.64 -0.02	42.91 3.47 -0.02	42.16 3.37 -0.02	42.93 3.51 0.00	44.19 3.58 0.00	50.59 4.05 0.00	61.07 4.86 -2.28	75.76 5.50 -15.28	68.74 5.78 -7.92	67.75 5.31 -8.29	60.70 4.93 -3.26	60.65 5.12 -3.27	59.43 5.03 -3.56	62.17 5.40 -4.89	69.11 6.21 -7.92	73.21 6.30 -11.65	88.12 6.36 -26.44	109.22 6.68 -43.94	93.94 6.66 -29.35	95.58 6.11 -33.97	75.57 6.13 -14.17	74.27 5.46 -14.15	68.01 5.26 -8.54	65.57 4.96 -6.06
FRANKLIN_FALL_HYD 24054	41.39 0.00 0.00	39.38 -0.04 0.00	38.81 0.04 0.00	39.38 -0.04 0.00	40.62 0.00 0.00	46.27 -0.28 0.00	53.45 -0.49 0.00	54.16 -0.82 0.00	54.44 -0.61 0.00	53.77 -0.38 0.00	52.40 -0.11 0.00	52.05 -0.21 0.00	50.69 -0.15 0.00	51.67 -0.21 0.00	54.43 -0.55 0.00	54.38 -0.88 0.00	54.49 -0.83 0.00	57.67 -0.94 0.00	57.29 -0.64 0.00	54.95 -0.56 0.00	54.72 -0.55 0.00	54.49 -0.16 0.00	54.38 0.16 0.00	54.87 0.33 0.00
FREEPORT_EQUS_GT1 23764	44.88 3.48 -0.01	42.71 3.27 -0.01	41.93 3.14 -0.01	42.69 3.27 0.00	43.99 3.37 0.00	50.36 3.82 0.00	60.43 4.53 -1.96	73.37 5.17 -13.22	67.94 5.45 -7.45	67.31 4.88 -8.29	60.33 4.57 -3.26	60.28 4.75 -3.27	59.07 4.67 -3.56	61.65 5.03 -4.74	68.23 5.77 -7.48	72.00 5.80 -10.93	84.72 5.70 -23.70	104.90 5.98 -40.31	90.99 5.97 -27.10	90.73 5.50 -29.74	73.50 5.53 -12.70	72.12 5.08 -12.38	66.57 4.88 -7.47	64.54 4.69 -5.30
FREEPORT___CT2 23818	44.88 3.48 -0.01	42.71 3.27 -0.01	41.93 3.14 -0.01	42.69 3.27 0.00	43.99 3.37 0.00	50.36 3.82 0.00	60.43 4.53 -1.96	73.37 5.17 -13.22	67.94 5.45 -7.45	67.31 4.88 -8.29	60.33 4.57 -3.26	60.28 4.75 -3.27	59.07 4.67 -3.56	61.65 5.03 -4.74	68.23 5.77 -7.48	72.00 5.80 -10.93	84.72 5.70 -23.70	104.90 5.98 -40.31	90.99 5.97 -27.10	90.73 5.50 -29.74	73.50 5.53 -12.70	72.12 5.08 -12.38	66.57 4.88 -7.47	64.54 4.69 -5.30
FRESHKLS_33_KV_LOAD 356253	67.33 2.94 -22.99	66.40 2.80 -24.18	66.32 2.68 -24.87	66.40 2.88 -24.09	66.32 2.88 -22.82	66.43 3.17 -16.72	67.70 4.15 -9.61	73.27 4.89 -13.40	71.88 4.46 -12.38	71.98 4.12 -13.72	70.90 3.94 -14.46	70.85 3.97 -14.62	70.99 3.97 -16.19	70.74 4.10 -14.77	69.57 4.40 -10.19	71.57 4.86 -11.44	180.32 5.03 -119.97	236.13 5.39 -172.13	179.95 5.16 -116.86	175.76 5.00 -115.26	180.00 4.92 -119.81	78.31 4.10 -19.56	70.84 3.85 -12.78	68.94 3.87 -10.52
FULTON COGEN____ 23766	40.11 -1.28 0.00	38.16 -1.26 0.00	37.61 -1.16 0.00	38.20 -1.22 0.00	39.36 -1.26 0.00	45.24 -1.30 0.00	52.48 -1.46 0.00	53.72 -1.32 -0.05	53.61 -1.43 0.00	52.63 -1.52 0.00	51.09 -1.42 0.00	50.85 -1.41 0.00	49.42 -1.42 0.00	50.48 -1.40 0.00	53.55 -1.43 0.00	54.04 -1.22 0.00	54.67 -1.22 -0.57	59.04 -1.05 -1.49	57.86 -1.16 -1.09	54.66 -1.17 -0.32	54.26 -1.22 -0.20	53.29 -1.37 0.00	52.64 -1.57 0.00	52.91 -1.64 0.00
FULTON___LFGE 323630	43.83 2.44 0.00	41.79 2.37 0.00	41.06 2.29 0.00	41.75 2.33 0.00	43.05 2.44 0.00	49.57 3.02 0.00	57.93 3.99 0.00	59.87 3.90 -0.98	59.40 3.63 -0.73	58.60 3.14 -1.31	55.90 2.89 -0.51	55.44 2.66 -0.52	53.79 2.39 -0.56	55.01 2.54 -0.59	58.48 2.80 -0.70	59.68 3.48 -0.94	69.40 3.93 -10.15	89.51 4.40 -26.51	81.84 4.52 -19.39	65.24 4.05 -5.69	62.82 3.98 -3.56	58.48 3.82 0.00	57.91 3.69 0.00	58.14 3.60 0.00
G.F.CEMENT___DRP 24184	44.12 2.73 0.00	42.06 2.64 0.00	41.30 2.52 0.00	42.03 2.60 0.00	43.30 2.68 0.00	49.76 3.21 0.00	56.74 2.80 0.00	59.03 3.13 -0.91	58.92 2.92 -0.96	58.69 2.82 -1.73	55.91 2.73 -0.68	55.76 2.82 -0.68	54.23 2.64 -0.74	55.30 2.65 -0.78	58.76 2.86 -0.92	59.82 3.32 -1.24	68.11 3.32 -9.47	86.90 3.69 -24.60	79.69 3.77 -17.99	64.28 3.50 -5.29	61.95 3.37 -3.31	57.66 3.01 0.00	58.23 4.01 0.00	58.53 3.98 0.00
GARDENVILLE___LBMP 24039	37.34 -4.06 0.00	35.64 -3.78 0.00	35.21 -3.57 0.00	35.64 -3.78 0.00	36.96 -3.66 0.00	42.96 -3.58 0.00	48.44 -5.50 0.00	48.32 -6.76 -0.10	48.44 -6.61 0.00	47.26 -6.55 0.34	43.93 -6.20 2.38	45.69 -6.06 0.51	44.01 -6.20 0.63	40.95 -6.17 4.75	41.86 -6.38 6.74	41.98 -6.30 6.98	46.47 -6.09 2.77	46.78 -6.27 5.56	46.38 -5.91 5.64	42.17 -6.05 7.29	37.37 -6.30 11.60	39.40 -6.39 8.86	47.82 -6.40 0.00	48.49 -6.05 0.00
GARDNVLA_35_KV_LD 355827	37.54 -3.85 0.00	35.84 -3.59 0.00	35.36 -3.41 0.00	35.80 -3.63 0.00	37.12 -3.49 0.00	43.15 -3.40 0.00	48.60 -5.34 0.00	48.43 -6.65 -0.10	48.66 -6.38 0.00	47.49 -6.39 0.27	44.51 -6.09 1.91	45.99 -5.85 0.41	44.29 -6.05 0.51	42.05 -6.02 3.81	43.37 -6.21 5.40	43.53 -6.13 5.59	47.48 -5.86 1.98	48.73 -6.10 3.78	48.20 -5.68 4.05	43.90 -5.88 5.72	39.86 -6.19 9.22	41.33 -6.23 7.10	48.04 -6.18 0.00	48.71 -5.84 0.00
GELCKHM___115KV_LOAD 80723	40.32 -1.08 0.00	38.40 -1.03 0.00	37.81 -0.97 0.00	38.44 -0.99 0.00	39.60 -1.02 0.00	45.52 -1.02 0.00	52.75 -1.19 0.00	54.00 -1.04 -0.06	53.83 -1.21 0.00	52.85 -1.30 0.00	51.30 -1.21 0.00	51.05 -1.20 0.00	49.62 -1.22 0.00	50.63 -1.25 0.00	53.77 -1.21 0.00	54.27 -0.99 0.00	54.97 -1.00 -0.65	59.49 -0.82 -1.70	58.25 -0.93 -1.24	54.92 -0.94 -0.37	54.50 -0.99 -0.23	53.45 -1.20 0.00	52.86 -1.36 0.00	53.13 -1.42 0.00
GENERAL___MILLS 23808	37.50 -3.89 0.00	35.76 -3.67 0.00	35.33 -3.45 0.00	35.76 -3.67 0.00	37.08 -3.53 0.00	43.06 -3.49 0.00	48.55 -5.39 0.00	48.37 -6.71 -0.10	48.60 -6.44 0.00	47.41 -6.44 0.29	44.33 -6.14 2.03	45.86 -5.96 0.44	44.20 -6.10 0.54	41.75 -6.07 4.06	43.01 -6.21 5.76	43.10 -6.19 5.97	47.21 -5.92 2.19	48.19 -6.15 4.27	47.71 -5.73 4.48	43.42 -5.94 6.15	39.16 -6.25 9.86	40.80 -6.29 7.57	47.98 -6.23 0.00	48.65 -5.89 0.00
GE_PLASTICS___DRP 24183	42.80 1.41 0.00	40.72 1.30 0.00	40.02 1.24 0.00	40.72 1.30 0.00	41.96 1.34 0.00	48.08 1.54 0.00	55.77 1.83 0.00	57.95 2.09 -0.88	58.05 2.04 -0.97	57.84 1.95 -1.74	55.08 1.89 -0.68	54.88 1.93 -0.69	53.47 1.88 -0.75	54.58 1.92 -0.78	57.95 2.03 -0.93	58.78 2.27 -1.25	66.74 2.27 -9.15	84.77 2.40 -23.76	77.74 2.43 -17.38	62.88 2.28 -5.11	60.73 2.27 -3.20	56.62 1.97 0.00	56.11 1.90 0.00	56.40 1.85 0.00
GILBOA___1 23756	42.55 1.16 0.00	40.49 1.06 0.00	39.82 1.05 0.00	40.49 1.06 0.00	41.71 1.10 0.00	47.85 1.30 0.00	55.51 1.57 0.00	57.54 1.87 -0.69	57.56 1.93 -0.59	56.94 1.73 -1.06	54.60 1.68 -0.42	54.40 1.72 -0.42	52.87 1.58 -0.45	54.06 1.71 -0.48	57.52 1.98 -0.56	58.12 2.10 -0.76	64.46 1.99 -7.15	79.39 2.11 -18.68	73.74 2.14 -13.66	61.50 2.00 -4.01	59.77 1.99 -2.51	56.35 1.70 0.00	55.79 1.57 0.00	56.02 1.47 0.00
GILBOA___2 23757	42.55 1.16 0.00	40.49 1.06 0.00	39.82 1.05 0.00	40.49 1.06 0.00	41.71 1.10 0.00	47.85 1.30 0.00	55.51 1.57 0.00	57.54 1.87 -0.69	57.56 1.93 -0.59	56.94 1.73 -1.06	54.60 1.68 -0.42	54.40 1.72 -0.42	52.87 1.58 -0.45	54.06 1.71 -0.48	57.52 1.98 -0.56	58.12 2.10 -0.76	64.46 1.99 -7.15	79.39 2.11 -18.68	73.74 2.14 -13.66	61.50 2.00 -4.01	59.77 1.99 -2.51	56.35 1.70 0.00	55.79 1.57 0.00	56.02 1.47 0.00

GILBOA___3 23758	42.55	40.49	39.82	40.49	41.71	47.85	55.51	57.54	57.56	56.94	54.60	54.40	52.87	54.06	57.52	58.12	64.46	79.39	73.74	61.50	59.77	56.35	55.79	56.02
	1.16	1.06	1.05	1.06	1.10	1.30	1.57	1.87	1.93	1.73	1.68	1.72	1.58	1.71	1.98	2.10	1.99	2.11	2.14	2.00	1.99	1.70	1.57	1.47
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.69	-0.59	-1.06	-0.42	-0.42	-0.45	-0.48	-0.56	-0.76	-7.15	-18.68	-13.66	-4.01	-2.51	0.00	0.00	0.00
GILBOA___4 23759	42.55	40.49	39.82	40.49	41.71	47.85	55.51	57.54	57.56	56.94	54.60	54.40	52.87	54.06	57.52	58.12	64.46	79.39	73.74	61.50	59.77	56.35	55.79	56.02
	1.16	1.06	1.05	1.06	1.10	1.30	1.57	1.87	1.93	1.73	1.68	1.72	1.58	1.71	1.98	2.10	1.99	2.11	2.14	2.00	1.99	1.70	1.57	1.47
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.69	-0.59	-1.06	-0.42	-0.42	-0.45	-0.48	-0.56	-0.76	-7.15	-18.68	-13.66	-4.01	-2.51	0.00	0.00	0.00
GILBOA___ 23599	42.55	40.53	39.78	40.53	41.71	47.85	55.56	57.60	57.50	56.94	54.55	54.35	52.92	54.01	57.31	58.06	64.56	79.47	73.75	61.51	59.83	56.35	55.79	56.07
	1.16	1.10	1.01	1.10	1.10	1.30	1.62	1.92	1.87	1.73	1.63	1.67	1.63	1.66	1.76	2.04	2.05	2.17	2.14	2.00	2.05	1.69	1.57	1.53
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.69	-0.59	-1.06	-0.42	-0.42	-0.45	-0.48	-0.56	-0.76	-7.19	-18.70	-13.67	-4.01	-2.51	0.00	0.00	0.00
GINNA___ 23603	37.42	35.72	35.17	35.72	36.84	42.54	48.98	49.57	49.43	48.52	47.20	46.25	45.55	45.97	48.83	49.96	50.47	55.52	54.12	50.34	50.62	48.59	48.47	49.14
	-3.97	-3.71	-3.61	-3.71	-3.78	-4.00	-4.96	-5.50	-5.61	-5.63	-5.30	-6.01	-5.29	-5.92	-6.16	-5.31	-5.70	-5.33	-5.45	-5.66	-4.97	-6.07	-5.75	-5.40
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.85	-2.25	-1.64	-0.50	-0.32	-0.01	0.00	0.00
GLEN PARK___ 23778	41.06	39.15	38.35	39.07	40.29	46.41	54.32	55.84	55.76	54.48	52.77	52.31	51.10	51.93	55.37	55.81	56.46	60.58	59.63	56.43	55.96	54.82	54.22	54.44
	-0.33	-0.27	-0.43	-0.36	-0.33	-0.14	0.38	0.83	0.71	0.33	0.26	0.05	0.26	0.05	0.39	0.55	0.77	1.00	0.98	0.72	0.55	0.16	0.00	-0.11
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.37	-0.98	-0.72	-0.21	-0.13	0.00	0.00	0.00
GLENDALE_27_KV_LOAD 356172	44.21	42.06	41.26	42.14	43.34	49.53	57.99	60.61	64.33	66.95	59.96	59.76	58.57	59.86	63.91	66.19	67.63	82.48	76.78	64.58	62.81	58.86	58.17	58.47
	2.81	2.64	2.48	2.72	2.72	2.98	4.05	4.95	4.68	4.49	4.20	4.23	4.17	4.25	4.51	4.97	5.26	5.63	5.50	5.16	5.08	4.21	3.96	3.93
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.68	-4.61	-8.31	-3.26	-3.27	-3.55	-3.73	-4.42	-5.96	-7.05	-18.25	-13.35	-3.92	-2.45	0.00	0.00	0.00
GLENWOOD_IC_1_G5 23712	44.47	42.31	41.54	42.30	43.42	49.81	60.50	74.84	67.85	67.20	60.18	59.97	58.77	61.20	67.32	71.68	86.21	107.01	92.10	93.43	74.11	72.59	66.44	64.38
	3.06	2.88	2.75	2.88	2.80	3.26	4.37	5.11	5.01	4.77	4.41	4.44	4.37	4.46	4.51	4.92	5.09	5.39	5.39	5.05	4.97	4.15	3.90	3.93
	-0.01	-0.01	-0.01	0.00	0.00	0.00	-2.19	-14.74	-7.80	-8.29	-3.26	-3.27	-3.56	-4.86	-7.83	-11.50	-25.80	-43.02	-28.78	-32.88	-13.86	-13.78	-8.32	-5.90
GLENWOOD_IC_2_G1 23688	44.12	41.98	41.26	41.98	43.25	49.48	57.73	60.85	64.49	66.71	59.80	59.70	58.41	59.97	64.42	66.43	68.38	83.56	77.40	65.81	63.11	59.57	58.58	58.47
	2.73	2.56	2.48	2.56	2.64	2.93	3.67	4.40	4.68	4.28	4.04	4.18	4.02	4.30	4.84	4.92	5.03	5.33	5.27	4.77	4.75	4.15	3.91	3.60
	0.00	0.00	0.00	0.00	0.00	0.00	-0.12	-1.46	-4.77	-8.29	-3.25	-3.26	-3.55	-3.79	-4.60	-6.25	-8.03	-19.62	-14.20	-5.53	-3.08	-0.76	-0.46	-0.33
GLENWOOD_IC_3_G1 23689	44.12	41.98	41.26	41.98	43.25	49.48	57.73	60.85	64.49	66.71	59.80	59.70	58.41	59.97	64.42	66.43	68.38	83.56	77.40	65.81	63.11	59.57	58.58	58.47
	2.73	2.56	2.48	2.56	2.64	2.93	3.67	4.40	4.68	4.28	4.04	4.18	4.02	4.30	4.84	4.92	5.03	5.33	5.27	4.77	4.75	4.15	3.91	3.60
	0.00	0.00	0.00	0.00	0.00	0.00	-0.12	-1.46	-4.77	-8.29	-3.25	-3.26	-3.55	-3.79	-4.60	-6.25	-8.03	-19.62	-14.20	-5.53	-3.08	-0.76	-0.46	-0.33
GLENWOOD___4 23550	44.47	42.31	41.54	42.30	43.42	49.81	60.50	74.84	67.85	67.20	60.18	59.97	58.77	61.20	67.43	71.84	86.38	107.19	92.21	93.55	74.22	72.76	66.60	64.43
	3.06	2.88	2.75	2.88	2.80	3.26	4.37	5.11	5.01	4.77	4.41	4.44	4.37	4.46	4.62	5.08	5.26	5.57	5.50	5.16	5.08	4.32	4.07	3.98
	-0.01	-0.01	-0.01	0.00	0.00	0.00	-2.19	-14.74	-7.80	-8.29	-3.26	-3.27	-3.56	-4.86	-7.83	-11.50	-25.80	-43.02	-28.78	-32.88	-13.86	-13.78	-8.32	-5.90
GLENWOOD___5 23614	44.47	42.31	41.54	42.30	43.42	49.81	60.50	74.84	67.85	67.20	60.18	59.97	58.77	61.20	67.43	71.84	86.38	107.19	92.21	93.55	74.22	72.76	66.60	64.43
	3.06	2.88	2.75	2.88	2.80	3.26	4.37	5.11	5.01	4.77	4.41	4.44	4.37	4.46	4.62	5.08	5.26	5.57	5.50	5.16	5.08	4.32	4.07	3.98
	-0.01	-0.01	-0.01	0.00	0.00	0.00	-2.19	-14.74	-7.80	-8.29	-3.26	-3.27	-3.56	-4.86	-7.83	-11.50	-25.80	-43.02	-28.78	-32.88	-13.86	-13.78	-8.32	-5.90
GLOBAL GREEN_PORT_GT1 23814	47.36	45.03	44.29	45.02	46.47	53.15	63.65	75.37	71.16	70.40	63.27	63.10	61.82	64.48	71.59	75.30	86.52	106.30	93.54	91.75	76.71	74.58	69.54	67.69
	5.96	5.60	5.50	5.60	5.85	6.61	8.04	8.97	9.08	7.96	7.51	7.57	7.42	7.99	9.51	9.73	9.90	10.55	10.49	10.21	10.01	9.08	8.78	8.51
	-0.01	-0.01	-0.01	0.00	0.00	0.00	-1.68	-11.42	-7.04	-8.29	-3.26	-3.27	-3.55	-4.61	-7.10	-10.31	-21.30	-37.15	-25.12	-26.04	-11.43	-10.85	-6.54	-4.64
GLOBE___DSASP 323697	36.18	34.61	34.16	34.46	35.74	41.43	46.50	46.60	46.24	45.26	43.49	43.93	42.40	41.28	42.74	42.93	45.42	48.10	46.51	43.62	40.20	41.44	45.87	46.75
	-5.22	-4.81	-4.61	-4.97	-4.87	-5.12	-7.44	-8.47	-8.81	-8.66	-7.46	-8.00	-8.03	-7.47	-7.81	-7.74	-8.41	-7.91	-8.34	-7.22	-7.52	-7.38	-8.35	-7.80
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	0.00	0.22	1.56	0.33	0.41	3.13	4.44	4.59	1.49	2.59	3.08	4.67	7.56	5.83	0.00	0.00
GOETHSLN___LBMP 323567	42.76	40.60	39.77	40.60	41.86	48.30	56.88	59.37	61.48	61.59	58.82	58.61	57.39	58.74	63.00	65.28	62.61	75.82	72.14	59.62	57.57	57.37	56.89	57.16
	2.24	2.09	1.94	2.09	2.11	2.37	3.29	4.18	4.07	3.84	3.47	3.50	3.46	3.53	3.79	4.26	4.48	4.75	4.75	4.38	4.26	3.44	3.14	3.00
	0.87	0.92	0.94	0.91	0.87	0.62	0.35	-0.21	-2.36	-3.60	-2.85	-2.85	-3.09	-3.33	-4.22	-5.77	-2.81	-12.47	-9.46	0.26	1.95	0.73	0.47	0.39
GOLAH___69_KV_TB 1_2 80279	38.62	36.94	36.41	36.78	38.10	44.08	50.33	51.06	50.64	49.66	48.31	47.87	46.47	47.69	50.60	51.02	51.74	56.99	55.42	52.31	51.64	50.57	49.61	50.24
	-2.77	-2.48	-2.37	-2.64	-2.52	-2.47	-3.61	-4.01	-4.40	-4.49	-4.20	-4.39	-4.37	-4.20	-4.40	-4.26	-4.48	-3.99	-4.23	-3.72	-3.98	-4.10	-4.61	-4.31
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01	-0.90	-2.37	-1.72	-0.53	-0.34	-0.02	0.00	0.00

GOODYEAR_LAKE_HYD 323669	42.63 1.24 0.00	40.65 1.22 0.00	39.90 1.12 0.00	40.61 1.18 0.00	41.88 1.26 0.00	48.18 1.63 0.00	56.15 2.21 0.00	57.72 2.53 -0.21	57.46 2.42 0.00	56.32 2.17 0.00	54.45 1.94 0.00	54.09 1.83 0.00	52.67 1.83 0.00	53.69 1.82 0.00	57.07 2.09 0.00	57.69 2.43 0.00	60.37 2.77 -2.29	67.56 2.93 -6.03	65.30 2.95 -4.41	59.45 2.66 -1.28	58.61 2.54 -0.80	56.78 2.13 0.00	56.17 1.95 0.00	56.45 1.91 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	40.90 -0.50 0.00	38.95 -0.47 0.00	38.35 -0.43 0.00	38.95 -0.47 0.00	40.17 -0.45 0.00	46.27 -0.28 0.00	53.56 -0.38 0.00	54.70 -0.49 -0.22	54.11 -0.50 0.44	52.71 -0.65 0.79	51.46 -0.74 0.31	51.27 -0.68 0.31	49.79 -0.71 0.34	50.79 -0.73 0.36	53.95 -0.60 0.43	54.36 -0.33 0.57	57.54 -0.11 -2.33	64.69 -0.06 -6.14	62.56 0.12 -4.51	56.45 -0.33 -1.28	55.68 -0.39 -0.80	53.94 -0.71 0.01	53.51 -0.70 0.00	53.84 -0.71 0.00
GOUDEY___7 23579	40.90 -0.50 0.00	38.95 -0.47 0.00	38.35 -0.43 0.00	38.95 -0.47 0.00	40.17 -0.45 0.00	46.27 -0.28 0.00	53.56 -0.38 0.00	54.70 -0.49 -0.22	54.11 -0.50 0.44	52.71 -0.65 0.79	51.46 -0.74 0.31	51.27 -0.68 0.31	49.79 -0.71 0.34	50.79 -0.73 0.36	53.95 -0.60 0.43	54.36 -0.33 0.57	57.54 -0.11 -2.33	64.69 -0.06 -6.14	62.56 0.12 -4.51	56.45 -0.33 -1.28	55.68 -0.39 -0.80	53.94 -0.71 0.01	53.51 -0.70 0.00	53.84 -0.71 0.00
GOUDEY___8 23580	40.90 -0.50 0.00	38.95 -0.47 0.00	38.35 -0.43 0.00	38.95 -0.47 0.00	40.17 -0.45 0.00	46.27 -0.28 0.00	53.56 -0.38 0.00	54.70 -0.49 -0.22	54.11 -0.50 0.44	52.71 -0.65 0.79	51.46 -0.74 0.31	51.27 -0.68 0.31	49.79 -0.71 0.34	50.79 -0.73 0.36	53.95 -0.60 0.43	54.36 -0.33 0.57	57.54 -0.11 -2.33	64.69 -0.06 -6.14	62.56 0.12 -4.51	56.45 -0.33 -1.28	55.68 -0.39 -0.80	53.94 -0.71 0.01	53.51 -0.70 0.00	53.84 -0.71 0.00
GOWANUS_GT1_1 24077	67.33 2.94 -22.99	66.36 2.76 -24.18	66.24 2.60 -24.87	66.32 2.80 -24.09	66.28 2.84 -22.82	66.38 3.12 -16.72	67.70 4.15 -9.61	73.38 5.00 -13.40	72.10 4.68 -12.38	72.31 4.44 -13.72	71.16 4.20 -14.46	71.11 4.23 -14.62	71.20 4.17 -16.19	70.95 4.31 -14.77	69.73 4.56 -10.19	71.73 5.03 -11.44	180.54 5.26 -119.97	236.36 5.63 -172.13	180.24 5.45 -116.86	175.98 5.22 -115.26	180.22 5.14 -119.81	78.53 4.32 -19.56	71.01 4.01 -12.78	69.05 3.98 -10.52
GOWANUS_GT1_2 24078	67.33 2.94 -22.99	66.36 2.76 -24.18	66.24 2.60 -24.87	66.32 2.80 -24.09	66.28 2.84 -22.82	66.38 3.12 -16.72	67.70 4.15 -9.61	73.38 5.00 -13.40	72.10 4.68 -12.38	72.31 4.44 -13.72	71.16 4.20 -14.46	71.11 4.23 -14.62	71.20 4.17 -16.19	70.95 4.31 -14.77	69.73 4.56 -10.19	71.73 5.03 -11.44	180.54 5.26 -119.97	236.36 5.63 -172.13	180.24 5.45 -116.86	175.98 5.22 -115.26	180.22 5.14 -119.81	78.53 4.32 -19.56	71.01 4.01 -12.78	69.05 3.98 -10.52
GOWANUS_GT1_3 24079	67.33 2.94 -22.99	66.36 2.76 -24.18	66.24 2.60 -24.87	66.32 2.80 -24.09	66.28 2.84 -22.82	66.38 3.12 -16.72	67.70 4.15 -9.61	73.38 5.00 -13.40	72.10 4.68 -12.38	72.31 4.44 -13.72	71.16 4.20 -14.46	71.11 4.23 -14.62	71.20 4.17 -16.19	70.95 4.31 -14.77	69.73 4.56 -10.19	71.73 5.03 -11.44	180.54 5.26 -119.97	236.36 5.63 -172.13	180.24 5.45 -116.86	175.98 5.22 -115.26	180.22 5.14 -119.81	78.53 4.32 -19.56	71.01 4.01 -12.78	69.05 3.98 -10.52
GOWANUS_GT1_4 24080	67.33 2.94 -22.99	66.36 2.76 -24.18	66.24 2.60 -24.87	66.32 2.80 -24.09	66.28 2.84 -22.82	66.38 3.12 -16.72	67.70 4.15 -9.61	73.38 5.00 -13.40	72.10 4.68 -12.38	72.31 4.44 -13.72	71.16 4.20 -14.46	71.11 4.23 -14.62	71.20 4.17 -16.19	70.95 4.31 -14.77	69.73 4.56 -10.19	71.73 5.03 -11.44	180.54 5.26 -119.97	236.36 5.63 -172.13	180.24 5.45 -116.86	175.98 5.22 -115.26	180.22 5.14 -119.81	78.53 4.32 -19.56	71.01 4.01 -12.78	69.05 3.98 -10.52
GOWANUS_GT1_5 24084	67.33 2.94 -22.99	66.36 2.76 -24.18	66.24 2.60 -24.87	66.32 2.80 -24.09	66.28 2.84 -22.82	66.38 3.12 -16.72	67.70 4.15 -9.61	73.38 5.00 -13.40	72.10 4.68 -12.38	72.31 4.44 -13.72	71.16 4.20 -14.46	71.11 4.23 -14.62	71.20 4.17 -16.19	70.95 4.31 -14.77	69.73 4.56 -10.19	71.73 5.03 -11.44	180.54 5.26 -119.97	236.36 5.63 -172.13	180.24 5.45 -116.86	175.98 5.22 -115.26	180.22 5.14 -119.81	78.53 4.32 -19.56	71.01 4.01 -12.78	69.05 3.98 -10.52
GOWANUS_GT1_6 24111	67.33 2.94 -22.99	66.36 2.76 -24.18	66.24 2.60 -24.87	66.32 2.80 -24.09	66.28 2.84 -22.82	66.38 3.12 -16.72	67.70 4.15 -9.61	73.38 5.00 -13.40	72.10 4.68 -12.38	72.31 4.44 -13.72	71.16 4.20 -14.46	71.11 4.23 -14.62	71.20 4.17 -16.19	70.95 4.31 -14.77	69.73 4.56 -10.19	71.73 5.03 -11.44	180.54 5.26 -119.97	236.36 5.63 -172.13	180.24 5.45 -116.86	175.98 5.22 -115.26	180.22 5.14 -119.81	78.53 4.32 -19.56	71.01 4.01 -12.78	69.05 3.98 -10.52
GOWANUS_GT1_7 24112	67.33 2.94 -22.99	66.36 2.76 -24.18	66.24 2.60 -24.87	66.32 2.80 -24.09	66.28 2.84 -22.82	66.38 3.12 -16.72	67.70 4.15 -9.61	73.38 5.00 -13.40	72.10 4.68 -12.38	72.31 4.44 -13.72	71.16 4.20 -14.46	71.11 4.23 -14.62	71.20 4.17 -16.19	70.95 4.31 -14.77	69.73 4.56 -10.19	71.73 5.03 -11.44	180.54 5.26 -119.97	236.36 5.63 -172.13	180.24 5.45 -116.86	175.98 5.22 -115.26	180.22 5.14 -119.81	78.53 4.32 -19.56	71.01 4.01 -12.78	69.05 3.98 -10.52
GOWANUS_GT1_8 24113	67.33 2.94 -22.99	66.36 2.76 -24.18	66.24 2.60 -24.87	66.32 2.80 -24.09	66.28 2.84 -22.82	66.38 3.12 -16.72	67.70 4.15 -9.61	73.38 5.00 -13.40	72.10 4.68 -12.38	72.31 4.44 -13.72	71.16 4.20 -14.46	71.11 4.23 -14.62	71.20 4.17 -16.19	70.95 4.31 -14.77	69.73 4.56 -10.19	71.73 5.03 -11.44	180.54 5.26 -119.97	236.36 5.63 -172.13	180.24 5.45 -116.86	175.98 5.22 -115.26	180.22 5.14 -119.81	78.53 4.32 -19.56	71.01 4.01 -12.78	69.05 3.98 -10.52
GOWANUS_GT2_1 24114	67.28 2.90 -22.99	66.28 2.68 -24.18	66.24 2.60 -24.87	66.24 2.72 -24.09	66.24 2.80 -22.82	66.25 2.98 -16.72	67.32 3.77 -9.61	73.05 4.67 -13.40	72.16 4.73 -12.38	72.25 4.38 -13.72	71.27 4.31 -14.46	71.27 4.39 -14.62	71.20 4.17 -16.19	71.16 4.51 -14.77	70.23 5.06 -10.19	71.51 4.81 -11.44	180.58 5.36 -119.89	236.41 5.68 -172.12	180.40 5.62 -116.85	175.92 5.16 -115.26	180.16 5.08 -119.81	78.70 4.48 -19.56	71.17 4.17 -12.78	69.05 3.98 -10.52
GOWANUS_GT2_2 24115	67.28 2.90 -22.99	66.28 2.68 -24.18	66.24 2.60 -24.87	66.24 2.72 -24.09	66.24 2.80 -22.82	66.25 2.98 -16.72	67.32 3.77 -9.61	73.05 4.67 -13.40	72.16 4.73 -12.38	72.25 4.38 -13.72	71.27 4.31 -14.46	71.27 4.39 -14.62	71.20 4.17 -16.19	71.16 4.51 -14.77	70.23 5.06 -10.19	71.51 4.81 -11.44	180.58 5.36 -119.89	236.41 5.68 -172.12	180.40 5.62 -116.85	175.92 5.16 -115.26	180.16 5.08 -119.81	78.70 4.48 -19.56	71.17 4.17 -12.78	69.05 3.98 -10.52
GOWANUS_GT2_3 24116	67.28 2.90 -22.99	66.28 2.68 -24.18	66.24 2.60 -24.87	66.24 2.72 -24.09	66.24 2.80 -22.82	66.25 2.98 -16.72	67.32 3.77 -9.61	73.05 4.67 -13.40	72.16 4.73 -12.38	72.25 4.38 -13.72	71.27 4.31 -14.46	71.27 4.39 -14.62	71.20 4.17 -16.19	71.16 4.51 -14.77	70.23 5.06 -10.19	71.51 4.81 -11.44	180.58 5.36 -119.89	236.41 5.68 -172.12	180.40 5.62 -116.85	175.92 5.16 -115.26	180.16 5.08 -119.81	78.70 4.48 -19.56	71.17 4.17 -12.78	69.05 3.98 -10.52

GOWANUS_GT2_4 24117	67.28 2.90 -22.99	66.28 2.68 -24.18	66.24 2.60 -24.87	66.24 2.72 -24.09	66.24 2.80 -22.82	66.25 2.98 -16.72	67.32 3.77 -9.61	73.05 4.67 -13.40	72.16 4.73 -12.38	72.25 4.38 -13.72	71.27 4.31 -14.46	71.27 4.39 -14.62	71.20 4.17 -16.19	71.16 4.51 -14.77	70.23 5.06 -10.19	71.51 4.81 -11.44	180.58 5.36 -119.89	236.41 5.68 -172.12	180.40 5.62 -116.85	175.92 5.16 -115.26	180.16 5.08 -119.81	78.70 4.48 -19.56	71.17 4.17 -12.78	69.05 3.98 -10.52
GOWANUS_GT2_5 24118	67.28 2.90 -22.99	66.28 2.68 -24.18	66.24 2.60 -24.87	66.24 2.72 -24.09	66.24 2.80 -22.82	66.25 2.98 -16.72	67.32 3.77 -9.61	73.05 4.67 -13.40	72.16 4.73 -12.38	72.25 4.38 -13.72	71.27 4.31 -14.46	71.27 4.39 -14.62	71.20 4.17 -16.19	71.16 4.51 -14.77	70.23 5.06 -10.19	71.51 4.81 -11.44	180.58 5.36 -119.89	236.41 5.68 -172.12	180.40 5.62 -116.85	175.92 5.16 -115.26	180.16 5.08 -119.81	78.70 4.48 -19.56	71.17 4.17 -12.78	69.05 3.98 -10.52
GOWANUS_GT2_6 24119	67.28 2.90 -22.99	66.28 2.68 -24.18	66.24 2.60 -24.87	66.24 2.72 -24.09	66.24 2.80 -22.82	66.25 2.98 -16.72	67.32 3.77 -9.61	73.05 4.67 -13.40	72.16 4.73 -12.38	72.25 4.38 -13.72	71.27 4.31 -14.46	71.27 4.39 -14.62	71.20 4.17 -16.19	71.16 4.51 -14.77	70.23 5.06 -10.19	71.51 4.81 -11.44	180.58 5.36 -119.89	236.41 5.68 -172.12	180.40 5.62 -116.85	175.92 5.16 -115.26	180.16 5.08 -119.81	78.70 4.48 -19.56	71.17 4.17 -12.78	69.05 3.98 -10.52
GOWANUS_GT2_7 24120	67.28 2.90 -22.99	66.28 2.68 -24.18	66.24 2.60 -24.87	66.24 2.72 -24.09	66.24 2.80 -22.82	66.25 2.98 -16.72	67.32 3.77 -9.61	73.05 4.67 -13.40	72.16 4.73 -12.38	72.25 4.38 -13.72	71.27 4.31 -14.46	71.27 4.39 -14.62	71.20 4.17 -16.19	71.16 4.51 -14.77	70.23 5.06 -10.19	71.51 4.81 -11.44	180.58 5.36 -119.89	236.41 5.68 -172.12	180.40 5.62 -116.85	175.92 5.16 -115.26	180.16 5.08 -119.81	78.70 4.48 -19.56	71.17 4.17 -12.78	69.05 3.98 -10.52
GOWANUS_GT2_8 24121	67.28 2.90 -22.99	66.28 2.68 -24.18	66.24 2.60 -24.87	66.24 2.72 -24.09	66.24 2.80 -22.82	66.25 2.98 -16.72	67.32 3.77 -9.61	73.05 4.67 -13.40	72.16 4.73 -12.38	72.25 4.38 -13.72	71.27 4.31 -14.46	71.27 4.39 -14.62	71.20 4.17 -16.19	71.16 4.51 -14.77	70.23 5.06 -10.19	71.51 4.81 -11.44	180.58 5.36 -119.89	236.41 5.68 -172.12	180.40 5.62 -116.85	175.92 5.16 -115.26	180.16 5.08 -119.81	78.70 4.48 -19.56	71.17 4.17 -12.78	69.05 3.98 -10.52
GOWANUS_GT3_1 24122	67.28 2.90 -22.99	66.28 2.68 -24.18	66.24 2.60 -24.87	66.24 2.72 -24.09	66.24 2.80 -22.82	66.25 2.98 -16.72	67.32 3.77 -9.61	73.05 4.67 -13.40	72.16 4.73 -12.38	72.25 4.38 -13.72	71.27 4.31 -14.46	71.27 4.39 -14.62	71.20 4.17 -16.19	71.16 4.51 -14.77	70.23 5.06 -10.19	71.51 4.81 -11.44	180.58 5.36 -119.89	236.41 5.68 -172.12	180.40 5.62 -116.85	175.92 5.16 -115.26	180.16 5.08 -119.81	78.70 4.48 -19.56	71.17 4.17 -12.78	69.05 3.98 -10.52
GOWANUS_GT3_2 24123	67.28 2.90 -22.99	66.28 2.68 -24.18	66.24 2.60 -24.87	66.24 2.72 -24.09	66.24 2.80 -22.82	66.25 2.98 -16.72	67.32 3.77 -9.61	73.05 4.67 -13.40	72.16 4.73 -12.38	72.25 4.38 -13.72	71.27 4.31 -14.46	71.27 4.39 -14.62	71.20 4.17 -16.19	71.16 4.51 -14.77	70.23 5.06 -10.19	71.51 4.81 -11.44	180.58 5.36 -119.89	236.41 5.68 -172.12	180.40 5.62 -116.85	175.92 5.16 -115.26	180.16 5.08 -119.81	78.70 4.48 -19.56	71.17 4.17 -12.78	69.05 3.98 -10.52
GOWANUS_GT3_3 24124	67.28 2.90 -22.99	66.28 2.68 -24.18	66.24 2.60 -24.87	66.24 2.72 -24.09	66.24 2.80 -22.82	66.25 2.98 -16.72	67.32 3.77 -9.61	73.05 4.67 -13.40	72.16 4.73 -12.38	72.25 4.38 -13.72	71.27 4.31 -14.46	71.27 4.39 -14.62	71.20 4.17 -16.19	71.16 4.51 -14.77	70.23 5.06 -10.19	71.51 4.81 -11.44	180.58 5.36 -119.89	236.41 5.68 -172.12	180.40 5.62 -116.85	175.92 5.16 -115.26	180.16 5.08 -119.81	78.70 4.48 -19.56	71.17 4.17 -12.78	69.05 3.98 -10.52
GOWANUS_GT3_4 24125	67.28 2.90 -22.99	66.28 2.68 -24.18	66.24 2.60 -24.87	66.24 2.72 -24.09	66.24 2.80 -22.82	66.25 2.98 -16.72	67.32 3.77 -9.61	73.05 4.67 -13.40	72.16 4.73 -12.38	72.25 4.38 -13.72	71.27 4.31 -14.46	71.27 4.39 -14.62	71.20 4.17 -16.19	71.16 4.51 -14.77	70.23 5.06 -10.19	71.51 4.81 -11.44	180.58 5.36 -119.89	236.41 5.68 -172.12	180.40 5.62 -116.85	175.92 5.16 -115.26	180.16 5.08 -119.81	78.70 4.48 -19.56	71.17 4.17 -12.78	69.05 3.98 -10.52
GOWANUS_GT3_5 24126	67.28 2.90 -22.99	66.28 2.68 -24.18	66.24 2.60 -24.87	66.24 2.72 -24.09	66.24 2.80 -22.82	66.25 2.98 -16.72	67.32 3.77 -9.61	73.05 4.67 -13.40	72.16 4.73 -12.38	72.25 4.38 -13.72	71.27 4.31 -14.46	71.27 4.39 -14.62	71.20 4.17 -16.19	71.16 4.51 -14.77	70.23 5.06 -10.19	71.51 4.81 -11.44	180.58 5.36 -119.89	236.41 5.68 -172.12	180.40 5.62 -116.85	175.92 5.16 -115.26	180.16 5.08 -119.81	78.70 4.48 -19.56	71.17 4.17 -12.78	69.05 3.98 -10.52
GOWANUS_GT3_6 24127	67.28 2.90 -22.99	66.28 2.68 -24.18	66.24 2.60 -24.87	66.24 2.72 -24.09	66.24 2.80 -22.82	66.25 2.98 -16.72	67.32 3.77 -9.61	73.05 4.67 -13.40	72.16 4.73 -12.38	72.25 4.38 -13.72	71.27 4.31 -14.46	71.27 4.39 -14.62	71.20 4.17 -16.19	71.16 4.51 -14.77	70.23 5.06 -10.19	71.51 4.81 -11.44	180.58 5.36 -119.89	236.41 5.68 -172.12	180.40 5.62 -116.85	175.92 5.16 -115.26	180.16 5.08 -119.81	78.70 4.48 -19.56	71.17 4.17 -12.78	69.05 3.98 -10.52
GOWANUS_GT3_7 24128	67.28 2.90 -22.99	66.28 2.68 -24.18	66.24 2.60 -24.87	66.24 2.72 -24.09	66.24 2.80 -22.82	66.25 2.98 -16.72	67.32 3.77 -9.61	73.05 4.67 -13.40	72.16 4.73 -12.38	72.25 4.38 -13.72	71.27 4.31 -14.46	71.27 4.39 -14.62	71.20 4.17 -16.19	71.16 4.51 -14.77	70.23 5.06 -10.19	71.51 4.81 -11.44	180.58 5.36 -119.89	236.41 5.68 -172.12	180.40 5.62 -116.85	175.92 5.16 -115.26	180.16 5.08 -119.81	78.70 4.48 -19.56	71.17 4.17 -12.78	69.05 3.98 -10.52
GOWANUS_GT3_8 24129	67.28 2.90 -22.99	66.28 2.68 -24.18	66.24 2.60 -24.87	66.24 2.72 -24.09	66.24 2.80 -22.82	66.25 2.98 -16.72	67.32 3.77 -9.61	73.05 4.67 -13.40	72.16 4.73 -12.38	72.25 4.38 -13.72	71.27 4.31 -14.46	71.27 4.39 -14.62	71.20 4.17 -16.19	71.16 4.51 -14.77	70.23 5.06 -10.19	71.51 4.81 -11.44	180.58 5.36 -119.89	236.41 5.68 -172.12	180.40 5.62 -116.85	175.92 5.16 -115.26	180.16 5.08 -119.81	78.70 4.48 -19.56	71.17 4.17 -12.78	69.05 3.98 -10.52
GOWANUS_GT4_1 24130	67.33 2.94 -22.99	66.36 2.76 -24.18	66.24 2.60 -24.87	66.32 2.80 -24.09	66.28 2.84 -22.82	66.38 3.12 -16.72	67.70 4.15 -9.61	73.38 5.00 -13.40	72.10 4.68 -12.38	72.31 4.44 -13.72	71.16 4.20 -14.46	71.11 4.23 -14.62	71.20 4.17 -16.19	70.95 4.31 -14.77	69.73 4.56 -10.19	71.73 5.03 -11.44	180.54 5.26 -119.97	236.36 5.63 -172.13	180.24 5.45 -116.86	175.98 5.22 -115.26	180.22 5.14 -119.81	78.53 4.32 -19.56	71.01 4.01 -12.78	69.05 3.98 -10.52
GOWANUS_GT4_2 24131	67.33 2.94 -22.99	66.36 2.76 -24.18	66.24 2.60 -24.87	66.32 2.80 -24.09	66.28 2.84 -22.82	66.38 3.12 -16.72	67.70 4.15 -9.61	73.38 5.00 -13.40	72.10 4.68 -12.38	72.31 4.44 -13.72	71.16 4.20 -14.46	71.11 4.23 -14.62	71.20 4.17 -16.19	70.95 4.31 -14.77	69.73 4.56 -10.19	71.73 5.03 -11.44	180.54 5.26 -119.97	236.36 5.63 -172.13	180.24 5.45 -116.86	175.98 5.22 -115.26	180.22 5.14 -119.81	78.53 4.32 -19.56	71.01 4.01 -12.78	69.05 3.98 -10.52

GOWANUS_GT4_3 24132	67.33 2.94 -22.99	66.36 2.76 -24.18	66.24 2.60 -24.87	66.32 2.80 -24.09	66.28 2.84 -22.82	66.38 3.12 -16.72	67.70 4.15 -9.61	73.38 5.00 -13.40	72.10 4.68 -12.38	72.31 4.44 -13.72	71.16 4.20 -14.46	71.11 4.23 -14.62	71.20 4.17 -16.19	70.95 4.31 -14.77	69.73 4.56 -10.19	71.73 5.03 -11.44	180.54 5.26 -119.97	236.36 5.63 -172.13	180.24 5.45 -116.86	175.98 5.22 -115.26	180.22 5.14 -119.81	78.53 4.32 -19.56	71.01 4.01 -12.78	69.05 3.98 -10.52
GOWANUS_GT4_4 24133	67.33 2.94 -22.99	66.36 2.76 -24.18	66.24 2.60 -24.87	66.32 2.80 -24.09	66.28 2.84 -22.82	66.38 3.12 -16.72	67.70 4.15 -9.61	73.38 5.00 -13.40	72.10 4.68 -12.38	72.31 4.44 -13.72	71.16 4.20 -14.46	71.11 4.23 -14.62	71.20 4.17 -16.19	70.95 4.31 -14.77	69.73 4.56 -10.19	71.73 5.03 -11.44	180.54 5.26 -119.97	236.36 5.63 -172.13	180.24 5.45 -116.86	175.98 5.22 -115.26	180.22 5.14 -119.81	78.53 4.32 -19.56	71.01 4.01 -12.78	69.05 3.98 -10.52
GOWANUS_GT4_5 24134	67.33 2.94 -22.99	66.36 2.76 -24.18	66.24 2.60 -24.87	66.32 2.80 -24.09	66.28 2.84 -22.82	66.38 3.12 -16.72	67.70 4.15 -9.61	73.38 5.00 -13.40	72.10 4.68 -12.38	72.31 4.44 -13.72	71.16 4.20 -14.46	71.11 4.23 -14.62	71.20 4.17 -16.19	70.95 4.31 -14.77	69.73 4.56 -10.19	71.73 5.03 -11.44	180.54 5.26 -119.97	236.36 5.63 -172.13	180.24 5.45 -116.86	175.98 5.22 -115.26	180.22 5.14 -119.81	78.53 4.32 -19.56	71.01 4.01 -12.78	69.05 3.98 -10.52
GOWANUS_GT4_6 24135	67.33 2.94 -22.99	66.36 2.76 -24.18	66.24 2.60 -24.87	66.32 2.80 -24.09	66.28 2.84 -22.82	66.38 3.12 -16.72	67.70 4.15 -9.61	73.38 5.00 -13.40	72.10 4.68 -12.38	72.31 4.44 -13.72	71.16 4.20 -14.46	71.11 4.23 -14.62	71.20 4.17 -16.19	70.95 4.31 -14.77	69.73 4.56 -10.19	71.73 5.03 -11.44	180.54 5.26 -119.97	236.36 5.63 -172.13	180.24 5.45 -116.86	175.98 5.22 -115.26	180.22 5.14 -119.81	78.53 4.32 -19.56	71.01 4.01 -12.78	69.05 3.98 -10.52
GOWANUS_GT4_7 24136	67.33 2.94 -22.99	66.36 2.76 -24.18	66.24 2.60 -24.87	66.32 2.80 -24.09	66.28 2.84 -22.82	66.38 3.12 -16.72	67.70 4.15 -9.61	73.38 5.00 -13.40	72.10 4.68 -12.38	72.31 4.44 -13.72	71.16 4.20 -14.46	71.11 4.23 -14.62	71.20 4.17 -16.19	70.95 4.31 -14.77	69.73 4.56 -10.19	71.73 5.03 -11.44	180.54 5.26 -119.97	236.36 5.63 -172.13	180.24 5.45 -116.86	175.98 5.22 -115.26	180.22 5.14 -119.81	78.53 4.32 -19.56	71.01 4.01 -12.78	69.05 3.98 -10.52
GOWANUS_GT4_8 24137	67.33 2.94 -22.99	66.36 2.76 -24.18	66.24 2.60 -24.87	66.32 2.80 -24.09	66.28 2.84 -22.82	66.38 3.12 -16.72	67.70 4.15 -9.61	73.38 5.00 -13.40	72.10 4.68 -12.38	72.31 4.44 -13.72	71.16 4.20 -14.46	71.11 4.23 -14.62	71.20 4.17 -16.19	70.95 4.31 -14.77	69.73 4.56 -10.19	71.73 5.03 -11.44	180.54 5.26 -119.97	236.36 5.63 -172.13	180.24 5.45 -116.86	175.98 5.22 -115.26	180.22 5.14 -119.81	78.53 4.32 -19.56	71.01 4.01 -12.78	69.05 3.98 -10.52
GREENBSH_115KV_TB3 55895	42.97 1.57 0.00	40.84 1.42 0.00	40.13 1.36 0.00	40.84 1.42 0.00	42.04 1.42 0.00	48.22 1.68 0.00	55.94 2.00 0.00	58.12 2.25 -0.88	58.25 2.20 -1.00	58.07 2.11 -1.81	55.31 2.10 -0.71	55.11 2.14 -0.71	53.70 2.08 -0.77	54.77 2.08 -0.81	58.14 2.20 -0.96	59.04 2.49 -1.30	67.01 2.49 -9.20	85.12 2.64 -23.88	78.00 2.61 -17.46	63.13 2.50 -5.13	60.92 2.43 -3.21	56.84 2.19 0.00	56.28 2.06 0.00	56.56 2.02 0.00
GREENDGE_115KV_TB5 80291	40.03 -1.37 0.00	38.12 -1.30 0.00	37.65 -1.12 0.00	38.20 -1.22 0.00	39.48 -1.14 0.00	45.71 -0.84 0.00	52.43 -1.51 0.00	53.41 -1.70 -0.13	53.17 -1.87 0.00	52.44 -2.17 -0.45	53.91 -1.79 -3.19	51.21 -1.72 -0.68	49.85 -1.83 -0.84	56.05 -2.18 -6.35	61.95 -2.03 -9.00	62.93 -1.66 -9.32	60.86 -1.44 -6.98	73.14 -1.11 -15.65	70.86 -0.98 -13.91	65.34 -1.39 -11.23	70.09 -1.60 -16.42	64.51 -1.97 -11.83	52.43 -1.79 0.00	52.75 -1.80 0.00
GREENIDGE___3 23582	40.03 -1.37 0.00	38.12 -1.30 0.00	37.65 -1.12 0.00	38.20 -1.22 0.00	39.48 -1.14 0.00	45.71 -0.84 0.00	52.43 -1.51 0.00	53.41 -1.70 -0.13	53.17 -1.87 0.00	52.44 -2.17 -0.45	53.91 -1.79 -3.19	51.21 -1.72 -0.68	49.85 -1.83 -0.84	56.05 -2.18 -6.35	61.95 -2.03 -9.00	62.93 -1.66 -9.32	60.86 -1.44 -6.98	73.14 -1.11 -15.65	70.86 -0.98 -13.91	65.34 -1.39 -11.23	70.09 -1.60 -16.42	64.51 -1.97 -11.83	52.43 -1.79 0.00	52.75 -1.80 0.00
GREENIDGE___4 23583	40.07 -1.33 0.00	38.16 -1.26 0.00	37.65 -1.13 0.00	38.32 -1.10 0.00	39.52 -1.09 0.00	45.71 -0.84 0.00	53.02 -0.92 0.00	53.52 -1.60 -0.13	53.17 -1.87 0.00	52.38 -2.22 -0.45	53.54 -2.15 -3.19	51.06 -1.88 -0.68	49.24 -2.44 -0.84	55.95 -2.28 -6.35	61.78 -2.20 -9.00	62.98 -1.60 -9.32	60.82 -1.49 -6.99	73.02 -1.23 -15.65	70.80 -1.04 -13.91	64.79 -1.94 -11.23	70.09 -1.60 -16.42	64.46 -2.02 -11.83	52.37 -1.84 0.00	52.85 -1.69 0.00
GREENLWN_69_KV_BK 3 55738	44.75 3.35 -0.01	42.59 3.15 -0.01	41.81 3.02 -0.01	42.50 3.08 0.00	43.58 2.96 0.00	50.08 3.54 0.00	60.38 4.75 -1.69	71.90 5.39 -11.53	67.45 5.34 -7.07	67.47 5.04 -8.29	60.49 4.73 -3.26	60.28 4.76 -3.27	59.02 4.63 -3.55	61.27 4.77 -4.62	67.44 5.33 -7.12	71.20 5.58 -10.35	82.27 5.42 -21.52	101.59 5.63 -37.36	88.81 5.62 -25.26	87.15 5.38 -26.27	72.37 5.58 -11.51	70.47 4.86 -10.95	65.65 4.83 -6.60	63.81 4.58 -4.69
GREENWD_138_KV_38B11_REV_LBMP_J 345004	67.33 2.94 -22.99	66.36 2.76 -24.18	66.24 2.60 -24.87	66.32 2.80 -24.09	66.28 2.84 -22.82	66.38 3.12 -16.72	67.70 4.15 -9.61	73.38 5.00 -13.40	72.10 4.68 -12.38	72.31 4.44 -13.72	71.16 4.20 -14.46	71.11 4.23 -14.62	71.20 4.17 -16.19	70.95 4.31 -14.77	69.73 4.56 -10.19	71.73 5.03 -11.44	180.54 5.26 -119.97	236.36 5.63 -172.13	180.24 5.45 -116.86	175.98 5.22 -115.26	180.22 5.14 -119.81	78.53 4.32 -19.56	71.01 4.01 -12.78	69.05 3.98 -10.52
GRISSOM___SOLAR 323813	43.79 2.40 0.00	41.75 2.33 0.00	41.02 2.25 0.00	41.71 2.29 0.00	43.01 2.40 0.00	49.48 2.93 0.00	57.77 3.83 0.00	59.74 3.79 -0.97	59.32 3.53 -0.75	58.59 3.08 -1.35	55.92 2.89 -0.53	55.51 2.72 -0.53	53.86 2.44 -0.58	55.03 2.54 -0.61	58.56 2.86 -0.72	59.66 3.43 -0.97	69.14 3.76 -10.06	89.10 4.22 -26.28	81.49 4.35 -19.22	65.08 3.94 -5.64	62.67 3.87 -3.53	58.37 3.72 0.00	57.79 3.58 0.00	58.04 3.49 0.00
GROVEVILLE___HYD 323602	44.17 2.77 0.00	42.06 2.64 0.00	41.30 2.52 0.00	42.06 2.64 0.00	43.30 2.68 0.00	49.57 3.03 0.00	57.82 3.88 0.00	60.22 4.56 -0.68	60.18 4.51 -0.62	59.50 4.22 -1.12	56.78 3.83 -0.44	56.57 3.87 -0.44	55.09 3.76 -0.48	56.27 3.89 -0.50	59.81 4.23 -0.60	60.82 4.75 -0.81	67.46 5.09 -7.05	82.36 5.51 -18.25	76.66 5.39 -13.34	64.47 5.05 -3.92	62.64 4.92 -2.45	58.75 4.10 0.00	58.01 3.80 0.00	58.25 3.71 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	40.61 -0.79 0.00	38.67 -0.75 0.00	38.12 -0.66 0.00	38.71 -0.71 0.00	39.88 -0.73 0.00	45.85 -0.70 0.00	53.24 -0.70 0.00	54.45 -0.60 -0.07	54.27 -0.77 0.00	53.28 -0.87 0.00	51.72 -0.79 0.00	51.47 -0.78 0.00	50.03 -0.81 0.00	51.05 -0.83 0.00	54.21 -0.77 0.00	54.71 -0.55 0.00	55.49 -0.55 -0.72	60.15 -0.35 -1.90	58.91 -0.41 -1.39	55.46 -0.44 -0.41	54.97 -0.55 -0.26	53.89 -0.77 0.00	53.29 -0.92 0.00	53.56 -0.98 0.00

HAMLTNNY_34_KV_TB 80303	40.61 -0.79 0.00	38.67 -0.75 0.00	38.08 -0.70 0.00	38.67 -0.75 0.00	39.84 -0.77 0.00	45.90 -0.65 0.00	53.24 -0.70 0.00	54.45 -0.60 -0.07	54.27 -0.77 0.00	53.23 -0.92 0.00	51.66 -0.84 0.00	51.42 -0.84 0.00	49.98 -0.86 0.00	51.00 -0.88 0.00	54.16 -0.82 0.00	54.71 -0.55 0.00	55.48 -0.61 -0.77	60.33 -0.29 -2.02	59.00 -0.41 -1.48	55.49 -0.44 -0.43	54.99 -0.55 -0.27	53.83 -0.82 0.00	53.19 -1.03 0.00	53.51 -1.04 0.00
HAMPSHIRE___PAPER_HYD 323593	40.52 -0.87 0.00	38.59 -0.83 0.00	37.92 -0.85 0.00	38.56 -0.87 0.00	39.76 -0.85 0.00	45.43 -1.12 0.00	52.80 -1.14 0.00	53.90 -1.10 -0.02	53.88 -1.16 0.00	53.01 -1.14 0.00	51.40 -1.11 0.00	51.11 -1.15 0.00	49.83 -1.02 0.00	50.74 -1.14 0.00	53.72 -1.26 0.00	53.82 -1.44 0.00	54.18 -1.33 -0.18	57.69 -1.41 -0.49	56.89 -1.39 -0.36	54.50 -1.11 -0.10	53.96 -1.38 -0.07	53.56 -1.09 0.00	53.08 -1.14 0.00	53.40 -1.15 0.00
HARDSCRABBLE_WT_PWR 323673	41.43 0.04 0.00	39.50 0.08 0.00	38.81 0.04 0.00	39.54 0.12 0.00	40.78 0.16 0.00	46.83 0.28 0.00	54.32 0.38 0.00	55.48 0.49 0.00	55.65 0.61 0.00	54.69 0.54 0.00	53.08 0.58 0.00	52.83 0.58 0.00	51.40 0.56 0.00	52.40 0.52 0.00	55.64 0.66 0.00	55.93 0.67 0.00	56.04 0.72 0.00	59.37 0.76 0.00	58.63 0.70 0.00	56.06 0.55 0.00	55.77 0.50 0.00	54.98 0.33 0.00	54.54 0.33 0.00	54.87 0.33 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	43.50 2.11 0.00	41.39 1.97 0.00	40.64 1.86 0.00	41.43 2.01 0.00	42.65 2.03 0.00	48.83 2.28 0.00	56.96 3.02 0.00	59.22 3.63 -0.60	51.76 3.52 6.81	45.18 3.30 12.28	50.68 2.99 4.82	50.46 3.03 4.83	48.59 3.00 5.25	49.42 3.06 5.52	51.74 3.30 6.54	50.21 3.76 8.81	65.83 4.20 -6.31	80.31 4.57 -17.13	74.92 4.46 -12.53	63.34 4.16 -3.68	61.66 4.09 -2.30	57.99 3.33 0.00	57.25 3.04 0.00	57.49 2.95 0.00
HARSNRAD_115KV_TB1 81005	36.84 -4.55 0.00	35.20 -4.22 0.00	34.74 -4.03 0.00	35.09 -4.34 0.00	36.39 -4.22 0.00	42.26 -4.28 0.00	47.52 -6.42 0.00	47.59 -7.48 -0.09	47.39 -7.65 0.00	46.35 -7.58 0.22	44.15 -6.83 1.53	44.87 -7.05 0.33	43.42 -7.02 0.41	41.97 -6.85 3.06	43.50 -7.15 4.34	43.75 -7.02 4.49	46.55 -7.25 1.52	48.79 -7.09 2.72	47.60 -7.18 3.15	44.46 -6.49 4.54	41.10 -6.80 7.37	42.23 -6.72 5.70	46.90 -7.32 0.00	47.67 -6.87 0.00
HARZA MOOSE___RIVER 24016	41.52 0.12 0.00	39.58 0.16 0.00	38.85 0.08 0.00	39.54 0.12 0.00	40.78 0.16 0.00	46.87 0.33 0.00	54.64 0.70 0.00	55.99 0.99 -0.02	55.98 0.94 0.00	54.85 0.70 0.00	53.03 0.53 0.00	52.83 0.57 0.00	51.50 0.66 0.00	52.45 0.57 0.00	55.75 0.77 0.00	56.09 0.83 0.00	56.44 0.89 -0.24	60.26 1.05 -0.60	59.35 0.98 -0.44	56.52 0.89 -0.13	56.07 0.72 -0.08	55.20 0.55 0.00	54.60 0.38 0.00	54.87 0.33 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	40.32 -1.08 0.00	38.40 -1.03 0.00	37.81 -0.97 0.00	38.44 -0.99 0.00	39.60 -1.02 0.00	45.52 -1.02 0.00	52.75 -1.19 0.00	53.95 -1.10 -0.06	53.83 -1.21 0.00	52.85 -1.30 0.00	51.24 -1.26 0.00	51.00 -1.25 0.00	49.62 -1.22 0.00	50.63 -1.25 0.00	53.77 -1.21 0.00	54.27 -0.99 0.00	54.98 -1.00 -0.66	59.45 -0.88 -1.72	58.26 -0.93 -1.26	54.93 -0.94 -0.37	54.45 -1.05 -0.23	53.40 -1.26 0.00	52.81 -1.41 0.00	53.13 -1.42 0.00
HELLGATE_13_KV_LD 55870	44.04 2.65 0.00	41.95 2.52 0.00	41.14 2.37 0.00	42.03 2.60 0.00	43.22 2.60 0.00	49.39 2.84 0.00	57.77 3.83 0.00	60.39 4.73 -0.68	64.00 4.35 -4.61	66.63 4.17 -8.31	59.65 3.89 -3.26	59.44 3.92 -3.27	58.26 3.86 -3.55	59.55 3.94 -3.73	63.58 4.18 -4.42	65.86 4.64 -5.96	67.29 4.92 -7.05	82.07 5.22 -18.25	76.37 5.10 -13.35	64.25 4.83 -3.92	62.42 4.70 -2.45	58.59 3.94 0.00	57.90 3.69 0.00	58.25 3.71 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	44.04 2.65 0.00	41.95 2.52 0.00	41.14 2.37 0.00	42.03 2.60 0.00	43.22 2.60 0.00	49.39 2.84 0.00	57.77 3.83 0.00	60.39 4.73 -0.68	64.00 4.35 -4.61	66.63 4.17 -8.31	59.65 3.89 -3.26	59.44 3.92 -3.27	58.26 3.86 -3.55	59.55 3.94 -3.73	63.58 4.18 -4.42	65.86 4.64 -5.96	67.29 4.92 -7.05	82.07 5.22 -18.25	76.37 5.10 -13.35	64.25 4.83 -3.92	62.42 4.70 -2.45	58.59 3.94 0.00	57.90 3.69 0.00	58.25 3.71 0.00
HEMPSTEAD____ 23647	44.51 3.11 -0.01	42.35 2.92 -0.01	41.62 2.83 -0.01	42.34 2.92 0.00	43.62 3.01 0.00	49.94 3.40 0.00	60.10 4.10 -2.06	73.58 4.73 -13.87	67.70 5.06 -7.60	66.93 4.49 -8.29	60.02 4.25 -3.26	59.92 4.39 -3.27	58.72 4.32 -3.56	61.34 4.67 -4.79	67.89 5.28 -7.63	71.75 5.31 -11.18	85.20 5.31 -24.57	105.70 5.63 -41.46	91.30 5.56 -27.81	91.68 5.10 -31.08	73.62 5.14 -13.21	72.19 4.53 -13.00	66.40 4.34 -7.84	64.21 4.09 -5.57
HEWLETT_69_KV_BK3 55828	44.93 3.52 -0.02	42.79 3.35 -0.02	41.97 3.18 -0.02	42.70 3.27 0.00	43.78 3.17 0.00	50.32 3.77 0.00	61.07 4.85 -2.28	75.76 5.50 -15.28	68.41 5.45 -7.92	67.69 5.25 -8.29	60.65 4.88 -3.26	60.44 4.91 -3.27	59.23 4.83 -3.56	61.59 4.82 -4.89	68.35 5.44 -7.92	72.71 5.80 -11.65	87.86 6.03 -26.51	108.89 6.33 -43.95	93.61 6.31 -29.36	95.42 5.94 -33.98	75.35 5.91 -14.17	73.89 5.08 -14.15	67.64 4.88 -8.54	65.24 4.64 -6.06
HICKLING___1 23621	39.94 -1.45 0.00	38.04 -1.38 0.00	37.54 -1.24 0.00	38.12 -1.30 0.00	39.36 -1.26 0.00	45.52 -1.02 0.00	52.54 -1.40 0.00	53.17 -1.98 -0.17	53.17 -1.87 0.00	52.20 -2.11 -0.16	51.49 -2.15 -1.14	50.51 -1.99 -0.24	49.06 -2.08 -0.30	52.02 -2.13 -2.27	56.22 -1.98 -3.21	56.93 -1.66 -3.33	58.25 -1.27 -4.20	67.19 -1.29 -9.88	65.30 -0.93 -8.30	58.55 -1.67 -4.72	59.81 -1.77 -6.30	56.64 -2.24 -4.22	52.10 -2.11 0.00	52.53 -2.02 0.00
HICKLING___2 23622	39.94 -1.45 0.00	38.04 -1.38 0.00	37.54 -1.24 0.00	38.12 -1.30 0.00	39.36 -1.26 0.00	45.52 -1.02 0.00	52.54 -1.40 0.00	53.17 -1.98 -0.17	53.17 -1.87 0.00	52.20 -2.11 -0.16	51.49 -2.15 -1.14	50.51 -1.99 -0.24	49.06 -2.08 -0.30	52.02 -2.13 -2.27	56.22 -1.98 -3.21	56.93 -1.66 -3.33	58.25 -1.27 -4.20	67.19 -1.29 -9.88	65.30 -0.93 -8.30	58.55 -1.67 -4.72	59.81 -1.77 -6.30	56.64 -2.24 -4.22	52.10 -2.11 0.00	52.53 -2.02 0.00
HIGH FALLS___HY 23754	44.46 3.06 0.00	42.42 3.00 0.00	41.61 2.83 0.00	42.46 3.04 0.00	43.70 3.09 0.00	50.04 3.49 0.00	58.36 4.42 0.00	61.09 5.44 -0.66	59.01 5.17 1.20	56.64 4.66 2.17	55.80 4.15 0.85	55.53 4.13 0.85	53.88 3.97 0.93	55.05 4.15 0.98	58.44 4.62 1.16	58.95 5.25 1.56	68.43 6.20 -6.91	83.63 6.80 -18.23	77.86 6.60 -13.33	65.63 6.22 -3.91	63.80 6.08 -2.45	59.46 4.81 0.00	58.61 4.39 0.00	58.91 4.36 0.00
HIGH_RIVER___SOLAR 323847	43.09 1.70 0.00	41.08 1.66 0.00	40.37 1.59 0.00	41.04 1.62 0.00	42.28 1.67 0.00	48.55 2.00 0.00	56.53 2.59 0.00	58.56 2.64 -0.94	58.41 2.53 -0.84	57.77 2.11 -1.51	54.98 1.89 -0.59	54.63 1.78 -0.59	53.12 1.63 -0.65	54.22 1.66 -0.68	57.71 1.92 -0.80	58.83 2.49 -1.08	67.82 2.76 -9.73	87.09 3.05 -25.43	79.60 3.07 -18.60	63.74 2.77 -5.46	61.40 2.71 -3.42	57.22 2.57 0.00	56.71 2.50 0.00	57.00 2.46 0.00

HILLBURN___GT 23639	43.50 2.11 0.00	41.39 1.97 0.00	40.64 1.86 0.00	41.39 1.97 0.00	42.65 2.03 0.00	48.78 2.23 0.00	56.80 2.86 0.00	59.07 3.47 -0.62	51.43 3.69 7.30	44.33 3.36 13.18	50.54 3.20 5.17	50.37 3.29 5.18	48.31 3.10 5.64	49.38 3.42 5.92	51.81 3.85 7.02	49.73 3.92 9.45	66.00 4.04 -6.64	80.30 4.34 -17.35	74.91 4.29 -12.69	63.05 3.83 -3.72	61.36 3.76 -2.33	57.88 3.22 0.00	57.20 2.98 0.00	57.22 2.67 0.00
HILLSIDE_115KV_TB1 80332	39.65 -1.74 0.00	37.77 -1.66 0.00	37.26 -1.51 0.00	37.81 -1.62 0.00	39.03 -1.58 0.00	45.10 -1.44 0.00	52.00 -1.94 0.00	52.63 -2.53 -0.17	52.73 -2.31 0.00	51.75 -2.55 -0.14	50.95 -2.57 -1.01	50.07 -2.40 -0.22	48.62 -2.49 -0.27	51.35 -2.54 -2.01	55.31 -2.53 -2.85	56.01 -2.21 -2.96	57.22 -1.83 -3.72	65.56 -1.93 -8.89	63.76 -1.51 -7.34	57.56 -2.28 -4.34	58.64 -2.32 -5.69	55.67 -2.73 -3.75	51.72 -2.49 0.00	52.15 -2.40 0.00
HISHELDN_WT_PWR 323625	37.38 -4.01 0.00	35.60 -3.82 0.00	35.17 -3.61 0.00	35.80 -3.63 0.00	37.00 -3.61 0.00	43.01 -3.54 0.00	49.09 -4.85 0.00	49.10 -5.99 -0.11	48.77 -6.28 0.00	47.10 -6.28 0.77	41.20 -5.88 5.42	44.88 -6.22 1.16	43.06 -6.36 1.43	34.75 -6.33 10.80	33.02 -6.65 15.31	33.60 -5.80 15.86	41.62 -5.81 7.89	36.25 -5.92 16.44	36.40 -5.56 15.97	31.51 -6.83 17.16	22.86 -5.69 26.71	27.33 -7.22 20.11	47.93 -6.29 0.00	48.82 -5.73 0.00
HOLTSVILLE_IC_1 23690	45.34 3.93 -0.01	43.14 3.70 -0.01	42.39 3.61 -0.01	43.13 3.70 0.00	44.48 3.86 0.00	50.92 4.37 0.00	60.85 5.23 -1.67	72.28 5.89 -11.41	68.25 6.16 -7.04	67.69 5.25 -8.29	60.80 5.04 -3.26	60.75 5.23 -3.27	59.53 5.13 -3.55	62.04 5.55 -4.61	68.67 6.59 -7.09	72.14 6.57 -10.31	83.36 6.75 -21.29	102.59 6.85 -37.13	89.93 6.89 -25.11	88.17 6.66 -26.02	73.38 6.69 -11.42	71.40 5.90 -10.84	66.56 5.80 -6.54	64.69 5.51 -4.64
HOLTSVILLE_IC_10 23699	45.63 4.22 -0.01	43.41 3.98 -0.01	42.62 3.84 -0.01	43.37 3.94 0.00	44.76 4.14 0.00	51.20 4.65 0.00	61.23 5.61 -1.68	72.75 6.32 -11.45	68.64 6.55 -7.05	68.07 5.63 -8.29	61.17 5.41 -3.26	61.12 5.59 -3.27	59.89 5.49 -3.55	62.41 5.91 -4.61	69.12 7.04 -7.10	72.60 7.02 -10.32	83.85 7.19 -21.34	103.19 7.38 -37.20	90.44 7.36 -25.16	88.76 7.16 -26.09	73.90 7.18 -11.45	71.86 6.34 -10.87	67.01 6.23 -6.56	65.15 5.95 -4.65
HOLTSVILLE_IC_2 23691	45.34 3.93 -0.01	43.14 3.70 -0.01	42.39 3.61 -0.01	43.13 3.70 0.00	44.48 3.86 0.00	50.92 4.37 0.00	60.85 5.23 -1.67	72.28 5.89 -11.41	68.25 6.16 -7.04	67.69 5.25 -8.29	60.80 5.04 -3.26	60.75 5.23 -3.27	59.53 5.13 -3.55	62.04 5.55 -4.61	68.67 6.59 -7.09	72.14 6.57 -10.31	83.36 6.75 -21.29	102.59 6.85 -37.13	89.93 6.89 -25.11	88.17 6.66 -26.02	73.38 6.69 -11.42	71.40 5.90 -10.84	66.56 5.80 -6.54	64.69 5.51 -4.64
HOLTSVILLE_IC_3 23692	45.34 3.93 -0.01	43.14 3.70 -0.01	42.39 3.61 -0.01	43.13 3.70 0.00	44.48 3.86 0.00	50.92 4.37 0.00	60.85 5.23 -1.67	72.28 5.89 -11.41	68.25 6.16 -7.04	67.69 5.25 -8.29	60.80 5.04 -3.26	60.75 5.23 -3.27	59.53 5.13 -3.55	62.04 5.55 -4.61	68.67 6.59 -7.09	72.14 6.57 -10.31	83.36 6.75 -21.29	102.59 6.85 -37.13	89.93 6.89 -25.11	88.17 6.66 -26.02	73.38 6.69 -11.42	71.40 5.90 -10.84	66.56 5.80 -6.54	64.69 5.51 -4.64
HOLTSVILLE_IC_4 23693	45.34 3.93 -0.01	43.14 3.70 -0.01	42.39 3.61 -0.01	43.13 3.70 0.00	44.48 3.86 0.00	50.92 4.37 0.00	60.85 5.23 -1.67	72.28 5.89 -11.41	68.25 6.16 -7.04	67.69 5.25 -8.29	60.80 5.04 -3.26	60.75 5.23 -3.27	59.53 5.13 -3.55	62.04 5.55 -4.61	68.67 6.59 -7.09	72.14 6.57 -10.31	83.36 6.75 -21.29	102.59 6.85 -37.13	89.93 6.89 -25.11	88.17 6.66 -26.02	73.38 6.69 -11.42	71.40 5.90 -10.84	66.56 5.80 -6.54	64.69 5.51 -4.64
HOLTSVILLE_IC_5 23694	45.34 3.93 -0.01	43.14 3.70 -0.01	42.39 3.61 -0.01	43.13 3.70 0.00	44.48 3.86 0.00	50.92 4.37 0.00	60.85 5.23 -1.67	72.28 5.89 -11.41	68.25 6.16 -7.04	67.69 5.25 -8.29	60.80 5.04 -3.26	60.75 5.23 -3.27	59.53 5.13 -3.55	62.04 5.55 -4.61	68.67 6.59 -7.09	72.14 6.57 -10.31	83.36 6.75 -21.29	102.59 6.85 -37.13	89.93 6.89 -25.11	88.17 6.66 -26.02	73.38 6.69 -11.42	71.40 5.90 -10.84	66.56 5.80 -6.54	64.69 5.51 -4.64
HOLTSVILLE_IC_6 23695	45.63 4.22 -0.01	43.41 3.98 -0.01	42.62 3.84 -0.01	43.37 3.94 0.00	44.76 4.14 0.00	51.20 4.65 0.00	61.23 5.61 -1.68	72.75 6.32 -11.45	68.64 6.55 -7.05	68.07 5.63 -8.29	61.17 5.41 -3.26	61.12 5.59 -3.27	59.89 5.49 -3.55	62.41 5.91 -4.61	69.12 7.04 -7.10	72.60 7.02 -10.32	83.85 7.19 -21.34	103.19 7.38 -37.20	90.44 7.36 -25.16	88.76 7.16 -26.09	73.90 7.18 -11.45	71.86 6.34 -10.87	67.01 6.23 -6.56	65.15 5.95 -4.65
HOLTSVILLE_IC_7 23696	45.63 4.22 -0.01	43.41 3.98 -0.01	42.62 3.84 -0.01	43.37 3.94 0.00	44.76 4.14 0.00	51.20 4.65 0.00	61.23 5.61 -1.68	72.75 6.32 -11.45	68.64 6.55 -7.05	68.07 5.63 -8.29	61.17 5.41 -3.26	61.12 5.59 -3.27	59.89 5.49 -3.55	62.41 5.91 -4.61	69.12 7.04 -7.10	72.60 7.02 -10.32	83.85 7.19 -21.34	103.19 7.38 -37.20	90.44 7.36 -25.16	88.76 7.16 -26.09	73.90 7.18 -11.45	71.86 6.34 -10.87	67.01 6.23 -6.56	65.15 5.95 -4.65
HOLTSVILLE_IC_8 23697	45.63 4.22 -0.01	43.41 3.98 -0.01	42.62 3.84 -0.01	43.37 3.94 0.00	44.76 4.14 0.00	51.20 4.65 0.00	61.23 5.61 -1.68	72.75 6.32 -11.45	68.64 6.55 -7.05	68.07 5.63 -8.29	61.17 5.41 -3.26	61.12 5.59 -3.27	59.89 5.49 -3.55	62.41 5.91 -4.61	69.12 7.04 -7.10	72.60 7.02 -10.32	83.85 7.19 -21.34	103.19 7.38 -37.20	90.44 7.36 -25.16	88.76 7.16 -26.09	73.90 7.18 -11.45	71.86 6.34 -10.87	67.01 6.23 -6.56	65.15 5.95 -4.65
HOLTSVILLE_IC_9 23698	45.63 4.22 -0.01	43.41 3.98 -0.01	42.62 3.84 -0.01	43.37 3.94 0.00	44.76 4.14 0.00	51.20 4.65 0.00	61.23 5.61 -1.68	72.75 6.32 -11.45	68.64 6.55 -7.05	68.07 5.63 -8.29	61.17 5.41 -3.26	61.12 5.59 -3.27	59.89 5.49 -3.55	62.41 5.91 -4.61	69.12 7.04 -7.10	72.60 7.02 -10.32	83.85 7.19 -21.34	103.19 7.38 -37.20	90.44 7.36 -25.16	88.76 7.16 -26.09	73.90 7.18 -11.45	71.86 6.34 -10.87	67.01 6.23 -6.56	65.15 5.95 -4.65
HOMER_HL_115KV_TB2 355744	38.62 -2.77 0.00	36.78 -2.64 0.00	36.33 -2.44 0.00	36.86 -2.56 0.00	38.18 -2.44 0.00	44.31 -2.23 0.00	50.43 -3.51 0.00	49.49 -5.61 -0.12	50.86 -4.18 0.00	49.71 -4.39 0.05	47.24 -4.88 0.38	48.05 -4.13 0.08	46.47 -4.27 0.10	46.55 -4.57 0.76	49.39 -4.51 1.08	49.61 -4.53 1.12	53.06 -3.04 -0.78	56.51 -4.34 -2.24	56.85 -2.55 -1.47	49.90 -5.00 0.60	48.62 -5.14 1.51	47.71 -5.52 1.43	49.93 -4.28 0.00	50.40 -4.15 0.00
HOWARD_WT_PWR 323690	38.24 -3.15 0.00	36.51 -2.92 0.00	36.14 -2.64 0.00	36.82 -2.60 0.00	38.22 -2.40 0.00	44.36 -2.19 0.00	51.35 -2.59 0.00	51.99 -3.13 -0.14	51.68 -3.36 0.00	51.27 -3.79 -0.91	55.29 -3.62 -6.41	49.91 -3.71 -1.37	48.26 -4.27 -1.69	61.05 -3.58 -12.75	69.43 -3.63 -18.07	71.00 -2.98 -18.72	65.19 -2.71 -12.58	83.56 -2.69 -27.65	80.81 -2.26 -25.14	73.56 -3.72 -21.78	84.61 -3.15 -32.48	74.13 -4.26 -23.74	50.09 -4.12 0.00	50.57 -3.98 0.00

HQ_GEN_CEDARS 23644	41.72 0.33 0.00	39.70 0.28 0.00	39.13 0.35 0.00	39.74 0.32 0.00	40.94 0.32 0.00	46.36 -0.19 0.00	53.62 -0.32 0.00	54.27 -0.71 0.00	54.49 -0.55 0.00	53.82 -0.32 0.00	52.29 -0.21 0.00	52.00 -0.26 0.00	50.64 -0.20 0.00	51.62 -0.26 0.00	54.49 -0.49 0.00	54.32 -0.94 0.00	54.27 -1.05 0.00	57.26 -1.35 0.00	56.77 -1.16 0.00	54.50 -1.00 0.00	54.33 -0.94 0.00	54.27 -0.38 0.00	54.16 -0.05 0.00	54.60 0.05 0.00
HQ_GEN_CEDARS_PROXY 323590	41.72 0.33 0.00	39.70 0.28 0.00	39.12 0.35 0.00	39.74 0.31 0.00	40.94 0.32 0.00	46.41 -0.14 0.00	53.62 -0.32 0.00	54.38 -0.60 0.00	54.38 -0.66 0.00	53.83 -0.32 0.00	52.19 -0.31 0.00	52.00 -0.26 0.00	50.64 -0.20 0.00	51.62 -0.26 0.00	54.38 -0.60 0.00	54.27 -0.99 0.00	54.33 -0.99 0.00	57.37 -1.23 0.00	56.77 -1.16 0.00	54.95 -0.55 0.00	54.44 -0.83 0.00	54.49 -0.16 0.00	54.16 -0.05 0.00	54.65 0.11 0.00
HQ_GEN_IMPORT 323601	41.48 0.08 0.00	39.50 0.08 0.00	38.85 0.08 0.00	39.50 0.08 0.00	40.70 0.08 0.00	46.50 -0.05 0.00	53.78 -0.16 0.00	54.60 -0.38 0.00	54.60 -0.44 0.00	53.99 -0.16 0.00	52.29 -0.21 0.00	52.10 -0.16 0.00	50.74 -0.10 0.00	51.72 -0.16 0.00	54.60 -0.38 0.00	54.60 -0.66 0.00	54.60 -0.72 0.00	57.73 -0.88 0.00	57.00 -0.93 0.00	55.00 -0.50 0.00	54.61 -0.66 0.00	54.60 -0.05 0.00	54.22 0.00 0.00	54.60 0.05 0.00
HQ_GEN_WHEEL 23651	41.48 0.08 0.00	39.50 0.08 0.00	38.85 0.08 0.00	39.50 0.08 0.00	40.70 0.08 0.00	46.50 -0.05 0.00	53.78 -0.16 0.00	54.60 -0.38 0.00	54.60 -0.44 0.00	53.99 -0.16 0.00	52.29 -0.21 0.00	52.10 -0.16 0.00	50.74 -0.10 0.00	51.72 -0.16 0.00	54.60 -0.38 0.00	54.60 -0.66 0.00	54.60 -0.72 0.00	57.73 -0.88 0.00	57.00 -0.93 0.00	55.00 -0.50 0.00	54.61 -0.66 0.00	54.60 -0.05 0.00	54.22 0.00 0.00	54.60 0.05 0.00
HUDSON_AVE_GT_3 23810	43.96 2.57 0.00	41.79 2.37 0.00	40.99 2.21 0.00	41.83 2.40 0.00	43.01 2.40 0.00	49.29 2.75 0.00	57.66 3.72 0.00	60.28 4.62 -0.68	64.17 4.51 -4.61	66.74 4.28 -8.32	59.65 3.89 -3.26	59.45 3.92 -3.27	58.26 3.86 -3.56	59.56 3.94 -3.74	63.64 4.23 -4.43	65.92 4.70 -5.97	67.29 4.92 -7.05	82.13 5.27 -18.25	76.49 5.21 -13.35	64.30 4.88 -3.92	62.48 4.75 -2.45	58.53 3.88 0.00	57.79 3.58 0.00	57.98 3.44 0.00
HUDSON_AVE_GT_4 23540	43.96 2.57 0.00	41.79 2.37 0.00	40.99 2.21 0.00	41.83 2.40 0.00	43.01 2.40 0.00	49.29 2.75 0.00	57.66 3.72 0.00	60.28 4.62 -0.68	64.17 4.51 -4.61	66.74 4.28 -8.32	59.65 3.89 -3.26	59.45 3.92 -3.27	58.26 3.86 -3.56	59.56 3.94 -3.74	63.64 4.23 -4.43	65.92 4.70 -5.97	67.29 4.92 -7.05	82.13 5.27 -18.25	76.49 5.21 -13.35	64.30 4.88 -3.92	62.48 4.75 -2.45	58.53 3.88 0.00	57.79 3.58 0.00	57.98 3.44 0.00
HUDSON_AVE_GT_5 23657	43.96 2.57 0.00	41.79 2.37 0.00	40.99 2.21 0.00	41.83 2.40 0.00	43.01 2.40 0.00	49.29 2.75 0.00	57.66 3.72 0.00	60.28 4.62 -0.68	64.17 4.51 -4.61	66.74 4.28 -8.32	59.65 3.89 -3.26	59.45 3.92 -3.27	58.26 3.86 -3.56	59.56 3.94 -3.74	63.64 4.23 -4.43	65.92 4.70 -5.97	67.29 4.92 -7.05	82.13 5.27 -18.25	76.49 5.21 -13.35	64.30 4.88 -3.92	62.48 4.75 -2.45	58.53 3.88 0.00	57.79 3.58 0.00	57.98 3.44 0.00
HUDSON_AVE_10 24168	43.83 2.44 0.00	41.71 2.29 0.00	40.91 2.13 0.00	41.71 2.29 0.00	42.93 2.32 0.00	49.15 2.61 0.00	57.55 3.61 0.00	60.17 4.51 -0.68	64.06 4.40 -4.61	66.63 4.17 -8.32	59.55 3.78 -3.26	59.34 3.81 -3.27	58.16 3.76 -3.56	59.40 3.79 -3.74	63.48 4.07 -4.43	65.76 4.53 -5.97	67.18 4.81 -7.05	82.01 5.16 -18.25	76.37 5.10 -13.35	64.19 4.77 -3.92	62.37 4.64 -2.45	58.48 3.83 0.00	57.69 3.47 0.00	57.82 3.27 0.00
HUDSON___115KV_TB 4 355613	43.75 2.36 0.00	41.67 2.25 0.00	40.95 2.17 0.00	41.67 2.25 0.00	42.93 2.32 0.00	49.25 2.70 0.00	57.07 3.13 0.00	59.03 3.19 -0.86	59.11 3.30 -0.76	58.55 3.03 -1.37	55.88 2.84 -0.54	55.67 2.87 -0.54	54.18 2.75 -0.59	55.35 2.85 -0.62	58.79 3.08 -0.73	59.84 3.59 -0.98	67.73 3.49 -8.92	85.67 3.87 -23.19	78.66 3.77 -16.96	64.04 3.55 -4.99	61.93 3.54 -3.12	57.99 3.33 0.00	57.47 3.25 0.00	57.82 3.27 0.00
HUNTER MOUNT___DRP 323613	44.00 2.61 0.00	41.91 2.48 0.00	41.18 2.40 0.00	41.91 2.48 0.00	43.17 2.56 0.00	49.53 2.98 0.00	57.34 3.40 0.00	59.05 3.24 -0.83	59.12 3.58 -0.50	58.29 3.25 -0.89	55.85 2.99 -0.35	55.64 3.03 -0.35	54.07 2.85 -0.38	55.29 3.01 -0.40	58.76 3.30 -0.48	59.71 3.81 -0.64	67.54 3.60 -8.62	85.10 4.04 -22.45	78.23 3.88 -16.42	63.99 3.66 -4.82	61.94 3.65 -3.02	58.32 3.66 0.00	57.74 3.52 0.00	58.15 3.60 0.00
HUNTINGTON_RES_REC 323705	45.13 3.73 -0.01	42.94 3.51 -0.01	42.16 3.37 -0.01	42.93 3.51 0.00	44.27 3.66 0.00	50.64 4.10 0.00	60.58 4.96 -1.68	72.06 5.61 -11.47	68.04 5.95 -7.05	67.58 5.15 -8.29	60.65 4.88 -3.26	60.59 5.07 -3.27	59.38 4.99 -3.55	61.84 5.34 -4.62	68.46 6.38 -7.11	71.78 6.19 -10.33	82.93 6.25 -21.36	102.23 6.39 -37.23	89.48 6.37 -25.17	87.73 6.11 -26.13	73.03 6.30 -11.46	71.17 5.63 -10.89	66.32 5.53 -6.57	64.44 5.24 -4.66
HUNTLEY___63 23557	37.13 -4.26 0.00	35.44 -3.98 0.00	34.98 -3.80 0.00	35.36 -4.06 0.00	36.72 -3.90 0.00	42.59 -3.96 0.00	47.90 -6.04 0.00	47.93 -7.15 -0.09	47.78 -7.27 0.00	46.71 -7.20 0.24	44.49 -6.35 1.66	45.26 -6.64 0.36	43.74 -6.66 0.44	42.17 -6.38 3.33	43.61 -6.65 4.72	43.85 -6.52 4.89	46.86 -6.80 1.66	49.07 -6.51 3.03	47.85 -6.66 3.42	44.48 -6.05 4.98	40.87 -6.36 8.04	42.11 -6.34 6.20	47.33 -6.89 0.00	48.05 -6.49 0.00
HUNTLEY___64 23558	37.13 -4.26 0.00	35.44 -3.98 0.00	34.98 -3.80 0.00	35.36 -4.06 0.00	36.72 -3.90 0.00	42.59 -3.96 0.00	47.90 -6.04 0.00	47.93 -7.15 -0.09	47.78 -7.27 0.00	46.71 -7.20 0.24	44.49 -6.35 1.66	45.26 -6.64 0.36	43.74 -6.66 0.44	42.17 -6.38 3.33	43.61 -6.65 4.72	43.85 -6.52 4.89	46.86 -6.80 1.66	49.07 -6.51 3.03	47.85 -6.66 3.42	44.48 -6.05 4.98	40.87 -6.36 8.04	42.11 -6.34 6.20	47.33 -6.89 0.00	48.05 -6.49 0.00
HUNTLEY___65 23559	37.13 -4.26 0.00	35.44 -3.98 0.00	34.98 -3.80 0.00	35.36 -4.06 0.00	36.72 -3.90 0.00	42.59 -3.96 0.00	47.90 -6.04 0.00	47.93 -7.15 -0.09	47.78 -7.27 0.00	46.71 -7.20 0.24	44.49 -6.35 1.66	45.26 -6.64 0.36	43.74 -6.66 0.44	42.17 -6.38 3.33	43.61 -6.65 4.72	43.85 -6.52 4.89	46.86 -6.80 1.66	49.07 -6.51 3.03	47.85 -6.66 3.42	44.48 -6.05 4.98	40.87 -6.36 8.04	42.11 -6.34 6.20	47.33 -6.89 0.00	48.05 -6.49 0.00
HUNTLEY___66 23560	37.13 -4.26 0.00	35.44 -3.98 0.00	34.98 -3.80 0.00	35.36 -4.06 0.00	36.72 -3.90 0.00	42.59 -3.96 0.00	47.90 -6.04 0.00	47.93 -7.15 -0.09	47.78 -7.27 0.00	46.71 -7.20 0.24	44.49 -6.35 1.66	45.26 -6.64 0.36	43.74 -6.66 0.44	42.17 -6.38 3.33	43.61 -6.65 4.72	43.85 -6.52 4.89	46.86 -6.80 1.66	49.07 -6.51 3.03	47.85 -6.66 3.42	44.48 -6.05 4.98	40.87 -6.36 8.04	42.11 -6.34 6.20	47.33 -6.89 0.00	48.05 -6.49 0.00

HUNTLEY___67 23561	37.00 -4.39 0.00	35.32 -4.10 0.00	34.90 -3.88 0.00	35.24 -4.18 0.00	36.55 -4.06 0.00	42.40 -4.14 0.00	47.79 -6.15 0.00	47.76 -7.31 -0.09	47.67 -7.38 0.00	46.56 -7.31 0.28	43.77 -6.77 1.97	45.10 -6.74 0.42	43.41 -6.91 0.52	41.20 -6.74 3.93	42.37 -7.04 5.58	42.52 -6.96 5.78	46.25 -7.03 2.05	47.41 -7.03 4.16	46.80 -6.95 4.17	42.93 -6.60 5.97	38.86 -6.85 9.56	40.49 -6.83 7.33	47.17 -7.05 0.00	47.89 -6.65 0.00
HUNTLEY___68 23562	37.00 -4.39 0.00	35.32 -4.10 0.00	34.90 -3.88 0.00	35.24 -4.18 0.00	36.55 -4.06 0.00	42.40 -4.14 0.00	47.79 -6.15 0.00	47.76 -7.31 -0.09	47.67 -7.38 0.00	46.56 -7.31 0.28	43.77 -6.77 1.97	45.10 -6.74 0.42	43.41 -6.91 0.52	41.20 -6.74 3.93	42.37 -7.04 5.58	42.52 -6.96 5.78	46.25 -7.03 2.05	47.41 -7.03 4.16	46.80 -6.95 4.17	42.93 -6.60 5.97	38.86 -6.85 9.56	40.49 -6.83 7.33	47.17 -7.05 0.00	47.89 -6.65 0.00
HYLAND___LFGE 323620	40.36 -1.03 0.00	38.52 -0.91 0.00	38.00 -0.78 0.00	38.64 -0.79 0.00	39.93 -0.69 0.00	46.36 -0.19 0.00	53.57 -0.37 0.00	54.33 -0.77 -0.12	53.88 -1.16 0.00	53.41 -1.73 -1.00	57.66 -1.84 -6.99	51.14 -2.61 -1.49	50.24 -2.44 -1.84	63.26 -2.54 -13.92	72.41 -2.31 -19.74	74.65 -1.05 -20.44	67.82 -0.77 -13.27	87.81 0.18 -29.03	84.77 0.29 -26.55	78.19 -0.89 -23.58	90.56 -0.06 -35.35	78.94 -1.64 -25.92	52.76 -1.46 0.00	53.35 -1.20 0.00
INDECK___CORINTH 23802	43.96 2.57 0.00	41.91 2.49 0.00	41.18 2.40 0.00	41.83 2.41 0.00	43.14 2.52 0.00	49.57 3.02 0.00	57.77 3.83 0.00	59.85 3.96 -0.91	59.90 3.91 -0.95	59.59 3.73 -1.71	56.79 3.62 -0.67	56.64 3.71 -0.67	55.03 3.46 -0.73	54.67 2.02 -0.77	58.15 2.26 -0.91	58.92 2.43 -1.23	67.35 2.60 -9.42	86.11 2.87 -24.63	78.84 2.90 -18.02	63.35 2.55 -5.29	61.13 2.54 -3.31	58.54 3.88 0.00	58.01 3.79 0.00	58.31 3.76 0.00
INDECK___ILION 23567	41.72 0.33 0.00	39.78 0.35 0.00	39.09 0.31 0.00	39.78 0.35 0.00	40.98 0.37 0.00	47.06 0.51 0.00	54.59 0.65 0.00	55.75 0.77 0.00	55.81 0.77 0.00	54.85 0.70 0.00	53.13 0.63 0.00	52.94 0.68 0.00	51.50 0.66 0.00	52.55 0.67 0.00	55.75 0.77 0.00	56.09 0.83 0.00	56.21 0.89 0.00	59.60 1.00 0.00	58.86 0.93 0.00	56.39 0.89 0.00	56.10 0.83 0.00	55.31 0.66 0.00	54.87 0.65 0.00	55.15 0.60 0.00
INDECK___OLEAN 23982	38.70 -2.69 0.00	36.78 -2.64 0.00	36.33 -2.44 0.00	36.98 -2.44 0.00	38.22 -2.40 0.00	44.36 -2.19 0.00	50.60 -3.34 0.00	50.92 -4.18 -0.12	50.81 -4.24 0.00	49.66 -4.44 0.05	47.50 -4.62 0.38	48.78 -3.40 0.08	45.30 -5.44 0.10	47.64 -3.48 0.76	50.27 -3.63 1.08	49.77 -4.37 1.12	53.18 -2.93 -0.79	56.74 -4.10 -2.24	56.80 -2.61 -1.47	49.68 -5.22 0.60	48.73 -5.03 1.51	48.15 -5.08 1.43	49.88 -4.34 0.00	50.57 -3.98 0.00
INDECK___OSWEGO 23783	39.90 -1.49 0.00	38.01 -1.42 0.00	37.42 -1.36 0.00	38.04 -1.38 0.00	39.16 -1.46 0.00	45.01 -1.53 0.00	52.21 -1.73 0.00	53.33 -1.70 -0.05	53.28 -1.76 0.00	52.31 -1.84 0.00	50.77 -1.73 0.00	50.38 -1.88 0.00	49.11 -1.73 0.00	50.01 -1.87 0.00	53.11 -1.87 0.00	53.66 -1.60 0.00	54.22 -1.66 -0.55	58.49 -1.58 -1.46	57.44 -1.56 -1.07	54.09 -1.72 -0.31	53.86 -1.60 -0.20	52.74 -1.91 0.00	52.32 -1.90 0.00	52.63 -1.91 0.00
INDECK___YERKES 23781	37.34 -4.05 0.00	35.48 -3.94 0.00	35.02 -3.76 0.00	35.64 -3.78 0.00	36.76 -3.86 0.00	42.64 -3.91 0.00	48.33 -5.61 0.00	48.04 -7.04 -0.09	47.67 -7.37 0.00	46.98 -6.93 0.24	44.53 -6.30 1.67	44.64 -7.26 0.36	43.64 -6.76 0.44	41.24 -7.31 3.33	42.45 -7.81 4.72	43.91 -6.47 4.89	46.59 -7.08 1.65	48.78 -6.80 3.03	47.86 -6.66 3.41	42.64 -7.88 4.98	41.15 -6.08 8.04	40.25 -8.20 6.20	47.28 -6.94 0.00	48.44 -6.11 0.00
INDIAN POINT_GT_1 24139	43.71 2.32 0.00	41.55 2.13 0.00	40.79 2.02 0.00	41.59 2.17 0.00	42.81 2.19 0.00	49.01 2.47 0.00	57.23 3.29 0.00	59.66 4.01 -0.66	63.90 3.91 -4.95	66.76 3.68 -8.93	59.37 3.36 -3.50	59.17 3.40 -3.51	58.07 3.41 -3.82	59.32 3.42 -4.01	63.42 3.68 -4.76	65.81 4.14 -6.41	66.64 4.43 -6.90	81.36 4.69 -18.06	75.77 4.63 -13.21	63.71 4.33 -3.88	61.90 4.20 -2.43	58.10 3.44 0.00	57.42 3.20 0.00	57.60 3.05 0.00
INDIAN POINT_GT_2 23659	43.71 2.32 0.00	41.55 2.13 0.00	40.79 2.02 0.00	41.59 2.17 0.00	42.81 2.19 0.00	49.01 2.47 0.00	57.23 3.29 0.00	59.66 4.01 -0.66	63.90 3.91 -4.95	66.76 3.68 -8.93	59.37 3.36 -3.50	59.17 3.40 -3.51	58.07 3.41 -3.82	59.32 3.42 -4.01	63.42 3.68 -4.76	65.81 4.14 -6.41	66.64 4.43 -6.90	81.36 4.69 -18.06	75.77 4.63 -13.21	63.71 4.33 -3.88	61.90 4.20 -2.43	58.10 3.44 0.00	57.42 3.20 0.00	57.60 3.05 0.00
INDIAN POINT_GT_3 24019	43.71 2.32 0.00	41.55 2.13 0.00	40.79 2.02 0.00	41.59 2.17 0.00	42.81 2.19 0.00	49.01 2.47 0.00	57.23 3.29 0.00	59.66 4.01 -0.66	63.90 3.91 -4.95	66.76 3.68 -8.93	59.37 3.36 -3.50	59.17 3.40 -3.51	58.07 3.41 -3.82	59.32 3.42 -4.01	63.42 3.68 -4.76	65.81 4.14 -6.41	66.64 4.43 -6.90	81.36 4.69 -18.06	75.77 4.63 -13.21	63.71 4.33 -3.88	61.90 4.20 -2.43	58.10 3.44 0.00	57.42 3.20 0.00	57.60 3.05 0.00
INDIAN POINT___2 23530	43.54 2.15 0.00	41.43 2.01 0.00	40.71 1.94 0.00	41.43 2.01 0.00	42.69 2.07 0.00	48.83 2.28 0.00	56.85 2.91 0.00	59.20 3.57 -0.65	64.79 3.85 -5.90	68.26 3.47 -10.64	59.99 3.31 -4.17	59.84 3.39 -4.18	58.60 3.21 -4.55	60.19 3.53 -4.78	64.66 4.01 -5.66	66.98 4.09 -7.63	66.28 4.15 -6.81	80.85 4.45 -17.79	75.34 4.40 -13.01	63.26 3.94 -3.82	61.53 3.87 -2.39	57.99 3.33 0.00	57.25 3.03 0.00	57.33 2.78 0.00
INDIAN POINT___3 23531	43.67 2.28 0.00	41.51 2.09 0.00	40.75 1.98 0.00	41.55 2.13 0.00	42.77 2.15 0.00	48.97 2.42 0.00	57.18 3.24 0.00	59.60 3.96 -0.66	63.91 3.85 -5.01	66.82 3.63 -9.04	59.36 3.31 -3.55	59.16 3.34 -3.56	58.02 3.30 -3.87	59.31 3.37 -4.06	63.43 3.63 -4.81	65.78 4.03 -6.48	66.48 4.26 -6.90	81.25 4.57 -18.08	75.67 4.52 -13.22	63.60 4.22 -3.88	61.79 4.09 -2.43	58.04 3.39 0.00	57.31 3.09 0.00	57.49 2.95 0.00
INGHAM_C_115KV_TB7 356103	41.85 0.46 0.00	39.90 0.47 0.00	39.20 0.43 0.00	39.94 0.51 0.00	41.18 0.57 0.00	47.29 0.74 0.00	54.86 0.92 0.00	56.03 1.04 0.00	56.09 1.05 0.00	55.18 1.03 0.00	53.50 1.00 0.00	53.25 0.99 0.00	51.81 0.97 0.00	52.86 0.99 0.00	56.03 1.04 0.00	56.42 1.16 0.00	56.54 1.22 0.00	59.90 1.29 0.00	59.20 1.27 0.00	56.61 1.11 0.00	56.32 1.05 0.00	55.53 0.87 0.00	55.08 0.87 0.00	55.42 0.87 0.00
IP CORINTH___1 23988	44.00 2.61 0.00	41.91 2.48 0.00	41.18 2.40 0.00	41.87 2.44 0.00	43.13 2.52 0.00	49.57 3.03 0.00	56.26 2.32 0.00	58.53 2.64 -0.91	58.47 2.48 -0.95	58.24 2.38 -1.71	55.43 2.26 -0.67	55.33 2.40 -0.67	53.76 2.19 -0.73	54.88 2.23 -0.77	58.31 2.42 -0.91	59.31 2.82 -1.23	67.63 2.82 -9.49	86.42 3.16 -24.64	79.14 3.19 -18.03	63.79 3.00 -5.30	61.46 2.87 -3.32	57.17 2.51 0.00	58.01 3.80 0.00	58.31 3.76 0.00

IP__TICONDEROGA 23804	45.20 3.81 0.00	43.13 3.71 0.00	42.30 3.53 0.00	43.01 3.59 0.00	44.35 3.74 0.00	51.06 4.52 0.00	58.20 4.26 0.00	60.51 4.62 -0.91	60.34 4.35 -0.95	60.15 4.28 -1.72	57.27 4.10 -0.67	57.27 4.34 -0.68	55.60 4.02 -0.74	56.65 3.99 -0.77	60.19 4.29 -0.92	61.36 4.86 -1.23	69.72 4.92 -9.48	88.73 5.51 -24.62	81.49 5.56 -18.00	65.90 5.11 -5.29	63.50 4.92 -3.31	59.19 4.54 0.00	59.86 5.64 0.00	60.22 5.67 0.00
ISLIP_RES_REC 323679	45.79 4.39 -0.01	43.57 4.14 -0.01	42.82 4.03 -0.01	43.52 4.10 0.00	44.92 4.30 0.00	51.43 4.89 0.00	61.50 5.88 -1.68	73.10 6.65 -11.47	68.98 6.88 -7.05	68.34 5.90 -8.29	61.44 5.67 -3.26	61.33 5.80 -3.27	60.14 5.74 -3.55	62.67 6.17 -4.62	69.46 7.37 -7.11	72.94 7.35 -10.33	84.27 7.58 -21.37	103.64 7.80 -37.24	90.88 7.77 -25.18	89.13 7.49 -26.14	74.20 7.46 -11.47	72.21 6.67 -10.89	67.29 6.50 -6.57	65.42 6.22 -4.66
JAMAICA__27_KV_LOAD 355505	44.00 2.61 0.00	41.87 2.44 0.00	41.03 2.25 0.00	41.87 2.44 0.00	43.09 2.48 0.00	49.43 2.89 0.00	57.82 3.88 0.00	60.55 4.89 -0.68	64.44 4.79 -4.61	67.01 4.55 -8.32	59.86 4.10 -3.26	59.66 4.13 -3.27	58.52 4.12 -3.56	59.66 4.05 -3.74	63.75 4.34 -4.43	66.09 4.86 -5.97	67.62 5.26 -7.05	82.48 5.63 -18.25	76.89 5.62 -13.35	64.69 5.27 -3.92	62.86 5.14 -2.45	58.86 4.21 0.00	58.01 3.80 0.00	58.09 3.55 0.00
JANIS__SOLAR 323808	42.51 1.12 0.00	40.49 1.06 0.00	39.78 1.01 0.00	40.49 1.06 0.00	41.71 1.10 0.00	48.27 1.72 0.00	56.42 2.48 0.00	65.08 9.84 -0.26	63.68 9.14 0.50	61.15 7.91 0.91	59.23 7.09 0.36	58.48 6.58 0.36	56.81 6.35 0.39	58.00 6.54 0.41	62.69 8.19 0.49	63.67 9.06 0.66	68.45 10.34 -2.79	67.10 3.40 -5.10	65.14 3.48 -3.74	59.19 2.61 -1.08	58.65 2.71 -0.67	56.67 2.02 0.00	56.11 1.90 0.00	56.40 1.86 0.00
JARVIS____ 23743	41.52 0.12 0.00	39.54 0.12 0.00	38.89 0.12 0.00	39.54 0.12 0.00	40.74 0.12 0.00	46.73 0.19 0.00	54.16 0.22 0.00	55.31 0.33 0.00	55.37 0.33 0.00	54.42 0.27 0.00	52.77 0.26 0.00	52.52 0.26 0.00	51.10 0.26 0.00	52.14 0.26 0.00	55.31 0.33 0.00	55.65 0.39 0.00	55.71 0.39 0.00	59.02 0.41 0.00	58.39 0.46 0.00	55.84 0.34 0.00	55.66 0.39 0.00	54.93 0.27 0.00	54.49 0.27 0.00	54.76 0.22 0.00
JENNISON__1 23625	42.63 1.24 0.00	40.68 1.26 0.00	39.90 1.12 0.00	40.65 1.22 0.00	41.92 1.30 0.00	48.41 1.86 0.00	56.53 2.59 0.00	59.78 4.56 -0.24	58.89 4.35 0.50	57.03 3.79 0.91	55.51 3.36 0.36	55.14 3.24 0.36	53.71 3.25 0.39	54.68 3.22 0.41	58.45 3.96 0.49	59.02 4.42 0.66	63.17 5.09 -2.76	69.52 3.63 -7.28	66.91 3.65 -5.33	60.15 3.11 -1.54	59.10 2.87 -0.96	57.00 2.35 0.01	56.33 2.11 0.00	56.62 2.07 0.00
JENNISON__2 23626	42.63 1.24 0.00	40.68 1.26 0.00	39.90 1.12 0.00	40.65 1.22 0.00	41.92 1.30 0.00	48.41 1.86 0.00	56.53 2.59 0.00	59.78 4.56 -0.24	58.89 4.35 0.50	57.03 3.79 0.91	55.51 3.36 0.36	55.14 3.24 0.36	53.71 3.25 0.39	54.68 3.22 0.41	58.45 3.96 0.49	59.02 4.42 0.66	63.17 5.09 -2.76	69.52 3.63 -7.28	66.91 3.65 -5.33	60.15 3.11 -1.54	59.10 2.87 -0.96	57.00 2.35 0.01	56.33 2.11 0.00	56.62 2.07 0.00
JERICHO_RISE_WT_PWR 323719	40.85 -0.54 0.00	38.87 -0.55 0.00	38.31 -0.46 0.00	38.87 -0.55 0.00	40.05 -0.57 0.00	45.71 -0.84 0.00	52.70 -1.24 0.00	53.50 -1.48 0.00	53.50 -1.54 0.00	52.96 -1.19 0.00	51.45 -1.05 0.00	51.26 -0.99 0.00	49.93 -0.91 0.00	50.95 -0.93 0.00	53.66 -1.32 0.00	53.60 -1.66 0.00	53.83 -1.49 0.00	56.97 -1.64 0.00	56.37 -1.56 0.00	54.56 -0.94 0.00	53.94 -1.33 0.00	54.00 -0.65 0.00	53.67 -0.54 0.00	54.27 -0.27 0.00
KATONAH__115KV_46KV_TB4 355592	44.12 2.73 0.00	41.95 2.52 0.00	41.18 2.40 0.00	41.99 2.56 0.00	43.17 2.56 0.00	49.43 2.89 0.00	57.77 3.83 0.00	60.29 4.62 -0.69	63.17 4.62 -3.50	64.75 4.28 -6.32	58.92 3.94 -2.48	58.71 3.97 -2.49	57.46 3.91 -2.70	58.76 4.05 -2.84	62.69 4.34 -3.36	64.66 4.86 -4.53	67.57 5.03 -7.21	82.47 5.39 -18.47	76.83 5.39 -13.51	64.41 4.94 -3.97	62.56 4.81 -2.48	58.64 3.99 0.00	57.90 3.69 0.00	58.04 3.49 0.00
KCE_NY_1 323755	43.75 2.36 0.00	41.67 2.25 0.00	40.95 2.17 0.00	41.63 2.21 0.00	42.89 2.27 0.00	49.25 2.70 0.00	57.23 3.29 0.00	59.36 3.47 -0.91	59.47 3.47 -0.96	59.13 3.25 -1.74	56.33 3.15 -0.68	56.18 3.24 -0.68	54.58 3.00 -0.74	55.41 2.75 -0.78	58.93 3.02 -0.92	59.77 3.26 -1.25	68.04 3.32 -9.40	86.81 3.63 -24.57	79.55 3.65 -17.97	64.11 3.33 -5.28	61.84 3.26 -3.31	58.04 3.39 0.00	57.58 3.36 0.00	57.82 3.27 0.00
KCE_NY_6_ESR 323823	37.63 -3.77 0.00	35.76 -3.67 0.00	35.29 -3.49 0.00	35.95 -3.47 0.00	37.12 -3.49 0.00	43.10 -3.44 0.00	48.93 -5.01 0.00	48.76 -6.32 -0.10	48.44 -6.61 0.00	47.36 -6.50 0.29	44.38 -6.09 2.04	45.50 -6.32 0.44	43.70 -6.61 0.54	41.38 -6.43 4.06	42.34 -6.87 5.76	43.16 -6.14 5.97	47.05 -6.09 2.18	48.01 -6.33 4.27	47.71 -5.74 4.48	42.08 -7.27 6.15	39.38 -6.02 9.86	39.60 -7.49 7.57	47.93 -6.29 0.00	48.93 -5.62 0.00
KEDC_PORT_JEFF_GT2 24210	45.58 4.18 -0.01	43.37 3.94 -0.01	42.59 3.80 -0.01	43.33 3.90 0.00	44.72 4.10 0.00	51.16 4.61 0.00	61.18 5.56 -1.68	72.68 6.27 -11.44	68.58 6.49 -7.05	68.02 5.58 -8.29	61.12 5.36 -3.26	61.06 5.54 -3.27	59.84 5.44 -3.55	62.35 5.86 -4.61	69.07 6.98 -7.10	72.54 6.96 -10.32	83.78 7.14 -21.32	102.70 6.91 -37.18	90.02 6.95 -25.14	88.62 7.05 -26.07	73.79 7.08 -11.44	71.80 6.28 -10.86	66.95 6.18 -6.55	65.09 5.89 -4.65
KEDC_PORT_JEFF_GT3 24211	45.58 4.18 -0.01	43.37 3.94 -0.01	42.59 3.80 -0.01	43.33 3.90 0.00	44.72 4.10 0.00	51.16 4.61 0.00	61.18 5.56 -1.68	72.68 6.27 -11.44	68.58 6.49 -7.05	68.02 5.58 -8.29	61.12 5.36 -3.26	61.06 5.54 -3.27	59.84 5.44 -3.55	62.35 5.86 -4.61	69.07 6.98 -7.10	72.54 6.96 -10.32	83.78 7.14 -21.32	102.70 6.91 -37.18	90.02 6.95 -25.14	88.62 7.05 -26.07	73.79 7.08 -11.44	71.80 6.28 -10.86	66.95 6.18 -6.55	65.09 5.89 -4.65
KEDC_GLWD_GT4 24219	44.47 3.06 -0.01	42.28 2.84 -0.01	41.54 2.75 -0.01	42.26 2.84 0.00	43.54 2.93 0.00	49.85 3.31 0.00	60.18 4.05 -2.19	74.51 4.78 -14.74	67.90 5.06 -7.80	67.04 4.60 -8.29	60.12 4.36 -3.26	60.02 4.49 -3.27	58.72 4.32 -3.56	61.41 4.67 -4.86	67.76 4.95 -7.83	71.79 5.03 -11.50	86.14 5.09 -25.73	107.00 5.39 -43.00	92.09 5.39 -28.77	93.27 4.89 -32.88	73.94 4.81 -13.86	72.65 4.21 -13.78	66.49 3.96 -8.32	64.16 3.71 -5.90
KEDC_GLWD_GT5 24220	44.47 3.06 -0.01	42.28 2.84 -0.01	41.54 2.75 -0.01	42.26 2.84 0.00	43.54 2.93 0.00	49.85 3.31 0.00	60.18 4.05 -2.19	74.51 4.78 -14.74	67.90 5.06 -7.80	67.04 4.60 -8.29	60.12 4.36 -3.26	60.02 4.49 -3.27	58.72 4.32 -3.56	61.41 4.67 -4.86	67.76 4.95 -7.83	71.79 5.03 -11.50	86.14 5.09 -25.73	107.00 5.39 -43.00	92.09 5.39 -28.77	93.27 4.89 -32.88	73.94 4.81 -13.86	72.65 4.21 -13.78	66.49 3.96 -8.32	64.16 3.71 -5.90

KENSICO____ 23655	43.83 2.44 0.00	41.71 2.29 0.00	40.91 2.13 0.00	41.71 2.29 0.00	42.93 2.32 0.00	49.15 2.61 0.00	57.50 3.56 0.00	59.94 4.29 -0.67	63.97 4.18 -4.74	66.65 3.95 -8.55	59.48 3.62 -3.35	59.28 3.66 -3.36	58.11 3.61 -3.66	59.40 3.68 -3.84	63.49 3.96 -4.55	65.81 4.42 -6.13	66.92 4.59 -7.01	81.74 4.92 -18.21	76.12 4.87 -13.32	63.96 4.55 -3.91	62.14 4.42 -2.45	58.32 3.66 0.00	57.58 3.36 0.00	57.76 3.22 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	44.33 2.94 0.00	42.26 2.84 0.00	41.49 2.71 0.00	42.30 2.88 0.00	43.54 2.92 0.00	49.85 3.30 0.00	58.15 4.21 0.00	60.67 5.06 -0.63	58.12 4.84 1.77	55.35 4.39 3.19	55.14 3.89 1.25	54.87 3.87 1.25	53.24 3.76 1.36	54.39 3.94 1.43	57.63 4.34 1.70	57.95 4.97 2.29	67.66 5.75 -6.59	82.42 6.33 -17.48	76.85 6.14 -12.78	65.02 5.77 -3.75	63.26 5.64 -2.35	59.19 4.54 0.00	58.39 4.17 0.00	58.75 4.20 0.00
KIAC_JFK_GT1 23816	43.75 2.36 0.00	41.63 2.21 0.00	40.79 2.02 0.00	41.67 2.25 0.00	42.85 2.23 0.00	49.15 2.61 0.00	57.28 3.34 0.00	60.00 4.34 -0.68	63.89 4.24 -4.61	66.47 4.01 -8.32	59.34 3.57 -3.26	59.13 3.61 -3.27	58.01 3.61 -3.56	59.19 3.58 -3.74	63.20 3.79 -4.43	65.54 4.31 -5.97	67.07 4.70 -7.05	81.84 4.98 -18.25	76.32 5.04 -13.35	64.08 4.66 -3.92	62.25 4.53 -2.45	58.32 3.66 0.00	57.47 3.25 0.00	57.55 3.00 0.00
KIAC_JFK_GT2 23817	43.75 2.36 0.00	41.63 2.21 0.00	40.79 2.02 0.00	41.67 2.25 0.00	42.85 2.23 0.00	49.15 2.61 0.00	57.28 3.34 0.00	60.00 4.34 -0.68	63.89 4.24 -4.61	66.47 4.01 -8.32	59.34 3.57 -3.26	59.13 3.61 -3.27	58.01 3.61 -3.56	59.19 3.58 -3.74	63.20 3.79 -4.43	65.54 4.31 -5.97	67.07 4.70 -7.05	81.84 4.98 -18.25	76.32 5.04 -13.35	64.08 4.66 -3.92	62.25 4.53 -2.45	58.32 3.66 0.00	57.47 3.25 0.00	57.55 3.00 0.00
KIAC_JFK____ 323774	43.67 2.28 0.00	41.55 2.13 0.00	40.79 2.02 0.00	41.55 2.13 0.00	42.81 2.19 0.00	49.01 2.47 0.00	56.90 2.96 0.00	59.62 3.96 -0.68	63.95 4.30 -4.61	66.42 3.95 -8.32	59.49 3.73 -3.26	59.34 3.81 -3.27	58.01 3.61 -3.56	59.51 3.89 -3.74	63.81 4.40 -4.43	65.70 4.47 -5.96	67.11 4.81 -6.98	82.00 5.16 -18.24	76.42 5.15 -13.34	64.02 4.60 -3.91	62.25 4.53 -2.45	58.42 3.77 0.00	57.74 3.52 0.00	57.87 3.33 0.00
KINTIGH____ 23543	37.25 -4.14 0.00	35.64 -3.78 0.00	35.13 -3.64 0.00	35.52 -3.90 0.00	36.80 -3.82 0.00	42.59 -3.96 0.00	48.22 -5.72 0.00	48.82 -6.27 0.00	48.27 -6.77 0.00	47.30 -6.71 0.14	45.44 -6.09 0.97	45.83 -6.22 0.21	44.18 -6.41 0.25	43.78 -6.17 1.92	45.77 -6.49 2.73	46.14 -6.30 2.82	47.89 -6.75 0.68	51.33 -6.33 0.94	49.76 -6.72 1.45	47.20 -5.77 2.53	44.82 -6.02 4.42	45.12 -5.96 3.58	47.66 -6.56 0.00	48.38 -6.16 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	41.48 0.08 0.00	39.46 0.04 0.00	38.89 0.12 0.00	39.46 0.04 0.00	40.66 0.04 0.00	46.45 -0.09 0.00	53.35 -0.59 0.00	54.05 -0.93 0.00	54.33 -0.72 0.00	53.66 -0.49 0.00	52.29 -0.21 0.00	51.94 -0.31 0.00	50.64 -0.20 0.00	51.62 -0.26 0.00	54.43 -0.55 0.00	54.43 -0.83 0.00	54.55 -0.77 0.00	57.79 -0.82 0.00	57.41 -0.52 0.00	55.06 -0.44 0.00	54.77 -0.50 0.00	54.55 -0.11 0.00	54.43 0.22 0.00	55.25 0.71 0.00
LACHUTE__HYDRO 323717	45.20 3.81 0.00	43.09 3.67 0.00	42.30 3.53 0.00	43.01 3.59 0.00	44.35 3.73 0.00	51.06 4.51 0.00	59.65 5.71 0.00	61.66 5.77 -0.91	61.61 5.62 -0.95	61.28 5.41 -1.72	58.48 5.30 -0.67	58.42 5.49 -0.68	56.66 5.08 -0.74	56.75 4.10 -0.77	60.30 4.40 -0.92	61.30 4.81 -1.23	69.72 4.98 -9.41	88.72 5.51 -24.60	81.49 5.56 -18.00	65.73 4.94 -5.29	63.50 4.92 -3.31	60.34 5.68 0.00	59.85 5.64 0.00	60.22 5.67 0.00
LAWRNCV_115KV_TB1 80681	40.98 -0.41 0.00	39.03 -0.39 0.00	38.43 -0.35 0.00	39.03 -0.39 0.00	40.21 -0.41 0.00	45.57 -0.98 0.00	52.81 -1.13 0.00	53.44 -1.54 0.00	53.72 -1.32 0.00	53.01 -1.14 0.00	51.51 -1.00 0.00	51.21 -1.05 0.00	49.88 -0.97 0.00	50.84 -1.04 0.00	53.66 -1.32 0.00	53.49 -1.77 0.00	53.50 -1.83 0.00	56.44 -2.17 0.00	55.96 -1.97 0.00	53.67 -1.83 0.00	53.50 -1.77 0.00	53.45 -1.20 0.00	53.35 -0.87 0.00	53.78 -0.76 0.00
LEDERLE____ 23769	43.67 2.28 0.00	41.55 2.13 0.00	40.75 1.98 0.00	41.55 2.13 0.00	42.77 2.15 0.00	48.97 2.42 0.00	57.23 3.29 0.00	59.57 3.96 -0.63	51.13 3.80 7.71	43.82 3.57 13.90	50.31 3.26 5.45	50.08 3.29 5.47	48.15 3.25 5.95	48.95 3.32 6.25	51.15 3.57 7.40	49.32 4.03 9.97	66.19 4.32 -6.55	80.79 4.63 -17.55	75.34 4.58 -12.84	63.54 4.27 -3.77	61.77 4.15 -2.36	58.04 3.39 0.00	57.36 3.14 0.00	57.55 3.00 0.00
LIGHTHSE_115KV_TB6 355974	40.32 -1.08 0.00	38.40 -1.03 0.00	37.77 -1.01 0.00	38.40 -1.03 0.00	39.56 -1.06 0.00	45.48 -1.07 0.00	52.81 -1.13 0.00	54.15 -0.88 -0.05	54.00 -1.05 0.00	53.01 -1.14 0.00	51.51 -1.00 0.00	51.16 -1.10 0.00	49.83 -1.02 0.00	50.79 -1.09 0.00	53.94 -1.04 0.00	54.38 -0.88 0.00	55.00 -0.83 -0.51	59.29 -0.64 -1.33	58.26 -0.64 -0.97	55.06 -0.72 -0.29	54.62 -0.83 -0.18	53.67 -0.98 0.00	53.02 -1.19 0.00	53.29 -1.25 0.00
LINDEN COGEN____ 23786	42.63 2.11 0.87	40.48 1.97 0.92	39.73 1.90 0.94	40.48 1.97 0.91	41.78 2.03 0.87	48.11 2.19 0.62	56.50 2.91 0.35	58.93 3.74 -0.21	61.48 4.07 -2.36	61.48 3.73 -3.60	58.92 3.57 -2.85	58.77 3.66 -2.85	57.39 3.46 -3.09	58.99 3.79 -3.33	63.44 4.23 -4.22	65.39 4.36 -5.77	62.60 4.54 -2.74	75.87 4.81 -12.46	72.13 4.75 -9.45	59.51 4.27 0.26	57.51 4.20 1.95	57.48 3.55 0.73	57.00 3.25 0.47	57.10 2.94 0.39
LINDHRST_69_KV_BK1 356055	45.38 3.97 -0.01	43.14 3.71 -0.01	42.35 3.57 -0.01	43.05 3.63 0.00	44.11 3.49 0.00	50.74 4.19 0.00	61.27 5.56 -1.77	73.24 6.21 -12.04	68.34 6.11 -7.18	68.18 5.74 -8.29	61.17 5.41 -3.26	60.96 5.43 -3.27	59.69 5.29 -3.55	62.04 5.50 -4.66	68.37 6.16 -7.23	72.31 6.52 -10.53	84.22 6.69 -22.20	103.84 6.97 -38.26	90.75 7.01 -25.81	89.53 6.72 -27.32	73.84 6.69 -11.88	71.94 5.90 -11.39	66.72 5.64 -6.87	64.82 5.40 -4.87
LIPA_MISC_IPP 23656	45.66 4.26 -0.01	43.37 3.94 -0.01	42.58 3.80 -0.01	43.25 3.82 0.00	44.31 3.70 0.00	51.02 4.47 0.00	61.60 5.99 -1.68	73.11 6.71 -11.42	68.63 6.55 -7.04	68.50 6.06 -8.29	61.54 5.78 -3.26	61.22 5.70 -3.27	59.99 5.59 -3.55	62.30 5.81 -4.61	68.73 6.65 -7.10	72.70 7.13 -10.31	83.88 7.19 -21.37	103.21 7.44 -37.16	90.47 7.41 -25.13	89.02 7.49 -26.03	74.05 7.35 -11.43	71.95 6.45 -10.85	66.99 6.23 -6.54	65.08 5.89 -4.64
LISF__SOLAR 323691	45.79 4.39 -0.01	43.53 4.10 -0.01	42.78 3.99 -0.01	43.52 4.10 0.00	44.88 4.26 0.00	51.39 4.84 0.00	61.44 5.83 -1.68	72.95 6.54 -11.42	68.85 6.77 -7.04	68.23 5.80 -8.29	61.27 5.51 -3.26	61.17 5.65 -3.27	59.99 5.59 -3.55	62.51 6.02 -4.61	69.34 7.26 -7.10	72.81 7.24 -10.32	83.99 7.36 -21.31	103.44 7.68 -37.16	90.70 7.65 -25.13	89.03 7.49 -26.04	74.16 7.46 -11.43	72.12 6.61 -10.85	67.27 6.50 -6.55	65.41 6.22 -4.65

LITTLE FALLS___HYD 24013	41.85 0.46 0.00	39.90 0.47 0.00	39.20 0.43 0.00	39.94 0.51 0.00	41.18 0.57 0.00	47.29 0.74 0.00	54.86 0.92 0.00	56.03 1.04 0.00	56.09 1.05 0.00	55.18 1.03 0.00	53.50 1.00 0.00	53.25 0.99 0.00	51.81 0.97 0.00	52.86 0.99 0.00	56.03 1.04 0.00	56.42 1.16 0.00	56.54 1.22 0.00	59.90 1.29 0.00	59.20 1.27 0.00	56.61 1.11 0.00	56.32 1.05 0.00	55.53 0.87 0.00	55.08 0.87 0.00	55.42 0.87 0.00
LITTLRIV_115KV_TB1 356100	41.52 0.12 0.00	39.54 0.12 0.00	38.89 0.12 0.00	39.54 0.12 0.00	40.74 0.12 0.00	46.27 -0.28 0.00	53.62 -0.32 0.00	54.27 -0.71 0.00	54.55 -0.50 0.00	53.77 -0.38 0.00	52.19 -0.32 0.00	51.89 -0.37 0.00	50.64 -0.20 0.00	51.57 -0.31 0.00	54.49 -0.49 0.00	54.21 -1.05 0.00	54.27 -1.05 0.00	57.26 -1.35 0.00	56.71 -1.22 0.00	54.45 -1.05 0.00	54.22 -1.05 0.00	54.11 -0.55 0.00	54.05 -0.16 0.00	54.49 -0.05 0.00
LI_NEWBRDGE___DRP 323616	44.51 3.10 -0.01	42.35 2.92 -0.01	41.58 2.79 -0.01	42.30 2.88 0.00	43.34 2.72 0.00	49.81 3.26 0.00	59.98 4.42 -1.62	71.10 5.06 -11.06	66.96 4.95 -6.96	67.09 4.66 -8.29	60.17 4.41 -3.26	59.97 4.44 -3.27	58.72 4.32 -3.55	60.88 4.41 -4.59	66.90 4.89 -7.02	70.75 5.31 -10.19	81.59 5.37 -20.90	100.71 5.57 -36.54	88.29 5.62 -24.74	86.19 5.38 -25.30	71.81 5.36 -11.17	69.78 4.59 -10.54	64.96 4.39 -6.36	63.20 4.15 -4.51
LOCKPORT_115KV_TB60_63_64 80432	36.84 -4.55 0.00	35.20 -4.22 0.00	34.74 -4.03 0.00	35.09 -4.34 0.00	36.43 -4.18 0.00	42.26 -4.28 0.00	47.52 -6.42 0.00	47.65 -7.42 -0.09	47.45 -7.60 0.00	46.42 -7.53 0.21	44.42 -6.67 1.41	44.95 -7.00 0.31	43.55 -6.91 0.38	42.32 -6.74 2.82	43.95 -7.04 3.99	44.22 -6.91 4.14	46.80 -7.19 1.33	49.33 -6.97 2.30	48.05 -7.13 2.75	44.97 -6.38 4.15	41.88 -6.63 6.76	42.79 -6.61 5.25	46.95 -7.27 0.00	47.73 -6.82 0.00
LOCKPORT___CC1 323769	37.00 -4.39 0.00	35.21 -4.22 0.00	34.71 -4.07 0.00	35.32 -4.10 0.00	36.43 -4.18 0.00	42.27 -4.28 0.00	47.95 -5.99 0.00	47.59 -7.48 -0.09	47.23 -7.82 0.00	46.46 -7.47 0.22	44.25 -6.72 1.54	44.29 -7.63 0.33	43.21 -7.22 0.41	40.98 -7.84 3.06	42.29 -8.36 4.34	43.80 -6.96 4.49	46.23 -7.58 1.52	48.44 -7.44 2.72	47.55 -7.24 3.14	42.58 -8.38 4.54	41.44 -6.47 7.37	40.32 -8.63 5.70	46.84 -7.37 0.00	48.00 -6.55 0.00
LOCKPORT___CC2 323770	37.00 -4.39 0.00	35.21 -4.22 0.00	34.71 -4.07 0.00	35.32 -4.10 0.00	36.43 -4.18 0.00	42.27 -4.28 0.00	47.95 -5.99 0.00	47.59 -7.48 -0.09	47.23 -7.82 0.00	46.46 -7.47 0.22	44.25 -6.72 1.54	44.29 -7.63 0.33	43.21 -7.22 0.41	40.98 -7.84 3.06	42.29 -8.36 4.34	43.80 -6.96 4.49	46.23 -7.58 1.52	48.44 -7.44 2.72	47.55 -7.24 3.14	42.58 -8.38 4.54	41.44 -6.47 7.37	40.32 -8.63 5.70	46.84 -7.37 0.00	48.00 -6.55 0.00
LOCKPORT___CC3 323771	37.00 -4.39 0.00	35.21 -4.22 0.00	34.71 -4.07 0.00	35.32 -4.10 0.00	36.43 -4.18 0.00	42.27 -4.28 0.00	47.95 -5.99 0.00	47.59 -7.48 -0.09	47.23 -7.82 0.00	46.46 -7.47 0.22	44.25 -6.72 1.54	44.29 -7.63 0.33	43.21 -7.22 0.41	40.98 -7.84 3.06	42.29 -8.36 4.34	43.80 -6.96 4.49	46.23 -7.58 1.52	48.44 -7.44 2.72	47.55 -7.24 3.14	42.58 -8.38 4.54	41.44 -6.47 7.37	40.32 -8.63 5.70	46.84 -7.37 0.00	48.00 -6.55 0.00
LONG_LAKE_PHOENIX 24014	40.11 -1.28 0.00	38.16 -1.26 0.00	37.61 -1.16 0.00	38.20 -1.22 0.00	39.36 -1.26 0.00	45.24 -1.30 0.00	52.48 -1.46 0.00	53.72 -1.32 -0.05	53.61 -1.43 0.00	52.63 -1.52 0.00	51.09 -1.42 0.00	50.85 -1.41 0.00	49.42 -1.42 0.00	50.48 -1.40 0.00	53.55 -1.43 0.00	54.04 -1.22 0.00	54.67 -1.22 -0.57	59.04 -1.05 -1.49	57.86 -1.16 -1.09	54.66 -1.17 -0.32	54.26 -1.22 -0.20	53.29 -1.37 0.00	52.64 -1.57 0.00	52.91 -1.64 0.00
LOVETT___3 23632	43.50 2.11 0.00	41.39 1.97 0.00	40.64 1.86 0.00	41.43 2.01 0.00	42.65 2.03 0.00	48.83 2.28 0.00	57.01 3.07 0.00	59.35 3.74 -0.63	50.77 3.58 7.85	43.35 3.36 14.16	50.00 3.05 5.55	49.77 3.08 5.57	47.89 3.10 6.06	48.63 3.11 6.36	50.79 3.35 7.54	48.91 3.81 10.16	65.95 4.04 -6.59	80.56 4.34 -17.62	75.10 4.29 -12.89	63.28 4.00 -3.78	61.51 3.87 -2.37	57.82 3.17 0.00	57.09 2.87 0.00	57.27 2.73 0.00
LOVETT___4 23642	43.50 2.11 0.00	41.39 1.97 0.00	40.64 1.86 0.00	41.43 2.01 0.00	42.65 2.03 0.00	48.83 2.28 0.00	57.01 3.07 0.00	59.35 3.74 -0.63	50.77 3.58 7.85	43.35 3.36 14.16	50.00 3.05 5.55	49.77 3.08 5.57	47.89 3.10 6.06	48.63 3.11 6.36	50.79 3.35 7.54	48.91 3.81 10.16	65.95 4.04 -6.59	80.56 4.34 -17.62	75.10 4.29 -12.89	63.28 4.00 -3.78	61.51 3.87 -2.37	57.82 3.17 0.00	57.09 2.87 0.00	57.27 2.73 0.00
LOVETT___5 23593	43.50 2.11 0.00	41.39 1.97 0.00	40.64 1.86 0.00	41.43 2.01 0.00	42.65 2.03 0.00	48.83 2.28 0.00	57.01 3.07 0.00	59.35 3.74 -0.63	50.77 3.58 7.85	43.35 3.36 14.16	50.00 3.05 5.55	49.77 3.08 5.57	47.89 3.10 6.06	48.63 3.11 6.36	50.79 3.35 7.54	48.91 3.81 10.16	65.95 4.04 -6.59	80.56 4.34 -17.62	75.10 4.29 -12.89	63.28 4.00 -3.78	61.51 3.87 -2.37	57.82 3.17 0.00	57.09 2.87 0.00	57.27 2.73 0.00
LOWER RAQUET___HYD 24057	40.73 -0.66 0.00	38.79 -0.63 0.00	38.20 -0.58 0.00	38.79 -0.63 0.00	39.96 -0.65 0.00	45.38 -1.16 0.00	52.54 -1.40 0.00	53.33 -1.65 0.00	53.34 -1.71 0.00	52.74 -1.41 0.00	51.19 -1.31 0.00	51.00 -1.25 0.00	49.68 -1.17 0.00	50.58 -1.29 0.00	53.28 -1.70 0.00	53.16 -2.10 0.00	53.33 -1.99 0.00	56.32 -2.29 0.00	55.73 -2.20 0.00	53.95 -1.55 0.00	53.39 -1.88 0.00	53.45 -1.20 0.00	53.08 -1.14 0.00	53.51 -1.04 0.00
LOWER___HUDSON 24059	43.34 1.95 0.00	41.28 1.85 0.00	40.56 1.78 0.00	41.24 1.81 0.00	42.49 1.87 0.00	48.74 2.19 0.00	56.58 2.64 0.00	58.79 2.91 -0.89	59.05 2.97 -1.04	58.79 2.76 -1.88	55.92 2.68 -0.74	55.76 2.77 -0.74	54.24 2.59 -0.80	55.32 2.59 -0.84	58.84 2.86 -1.00	59.65 3.04 -1.35	67.60 3.04 -9.24	86.05 3.28 -24.16	78.90 3.30 -17.67	63.69 2.99 -5.19	61.50 2.98 -3.25	57.44 2.79 0.00	56.93 2.71 0.00	57.16 2.62 0.00
LOWVILLE_115KV_TB2 356335	41.10 -0.29 0.00	39.19 -0.24 0.00	38.43 -0.35 0.00	39.11 -0.32 0.00	40.33 -0.28 0.00	46.36 -0.19 0.00	54.10 0.16 0.00	55.45 0.44 -0.02	55.43 0.39 0.00	54.31 0.16 0.00	52.56 0.05 0.00	52.26 0.00 0.00	50.94 0.10 0.00	51.88 0.00 0.00	55.20 0.22 0.00	55.48 0.22 0.00	55.90 0.33 -0.25	59.72 0.47 -0.64	58.80 0.41 -0.47	55.97 0.33 -0.14	55.52 0.17 -0.09	54.65 0.00 0.00	54.11 -0.11 0.00	54.33 -0.22 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	43.71 2.32 0.00	41.63 2.21 0.00	40.91 2.13 0.00	41.59 2.17 0.00	42.85 2.23 0.00	49.20 2.65 0.00	56.74 2.80 0.00	58.97 3.08 -0.91	58.92 2.92 -0.96	58.70 2.82 -1.74	55.86 2.68 -0.68	55.71 2.77 -0.68	54.18 2.59 -0.74	55.30 2.65 -0.78	58.77 2.86 -0.92	59.77 3.26 -1.25	68.05 3.26 -9.46	86.76 3.57 -24.58	79.50 3.59 -17.98	64.17 3.39 -5.28	61.84 3.26 -3.31	57.61 2.95 0.00	57.52 3.31 0.00	57.82 3.27 0.00

LUTHERNY_35_KV_BK2 355980	43.75 2.36 0.00	41.67 2.25 0.00	40.95 2.17 0.00	41.63 2.21 0.00	42.89 2.27 0.00	49.25 2.70 0.00	56.80 2.86 0.00	58.97 3.08 -0.91	58.98 2.97 -0.96	58.75 2.87 -1.74	55.91 2.73 -0.68	55.71 2.77 -0.68	54.23 2.64 -0.74	55.36 2.70 -0.78	58.82 2.91 -0.92	59.77 3.26 -1.25	68.10 3.32 -9.46	86.82 3.63 -24.58	79.55 3.65 -17.98	64.22 3.44 -5.28	61.89 3.32 -3.31	57.66 3.01 0.00	57.52 3.31 0.00	57.87 3.33 0.00
LWR___OSWEGATCHIE_HYD 23850	40.52 -0.87 0.00	38.60 -0.83 0.00	37.92 -0.85 0.00	38.56 -0.87 0.00	39.76 -0.85 0.00	45.38 -1.16 0.00	52.81 -1.13 0.00	53.85 -1.15 -0.02	53.94 -1.10 0.00	53.01 -1.14 0.00	51.40 -1.10 0.00	51.11 -1.15 0.00	49.83 -1.02 0.00	50.74 -1.14 0.00	53.77 -1.21 0.00	53.88 -1.38 0.00	54.12 -1.38 -0.19	57.62 -1.47 -0.48	56.89 -1.39 -0.35	54.27 -1.33 -0.10	53.95 -1.38 -0.06	53.40 -1.26 0.00	53.08 -1.14 0.00	53.40 -1.15 0.00
LYONS_FALL_HYD 23570	41.52 0.12 0.00	39.58 0.16 0.00	38.85 0.08 0.00	39.54 0.12 0.00	40.78 0.16 0.00	46.87 0.33 0.00	54.64 0.70 0.00	56.00 0.99 -0.02	55.98 0.93 0.00	54.85 0.70 0.00	53.08 0.58 0.00	52.83 0.58 0.00	51.50 0.66 0.00	52.45 0.57 0.00	55.75 0.77 0.00	56.09 0.83 0.00	56.43 0.88 -0.23	60.22 1.00 -0.61	59.36 0.98 -0.45	56.47 0.83 -0.13	56.07 0.72 -0.08	55.15 0.49 0.00	54.60 0.38 0.00	54.87 0.33 0.00
MADISON___COUNTY_LFGE 323628	42.14 0.75 0.00	40.17 0.75 0.00	39.47 0.70 0.00	40.17 0.75 0.00	41.43 0.81 0.00	47.71 1.16 0.00	55.56 1.62 0.00	57.11 2.09 -0.04	57.02 1.98 0.00	55.88 1.73 0.00	54.08 1.58 0.00	53.82 1.57 0.00	52.42 1.58 0.00	53.44 1.56 0.00	56.85 1.87 0.00	57.25 1.99 0.00	57.59 1.83 -0.44	61.66 1.99 -1.06	60.62 1.91 -0.78	57.45 1.72 -0.23	56.96 1.55 -0.14	55.97 1.31 0.00	55.36 1.14 0.00	55.64 1.09 0.00
MALONE___115KV_TB1 356076	41.39 0.00 0.00	39.38 -0.04 0.00	38.81 0.04 0.00	39.38 -0.04 0.00	40.62 0.00 0.00	46.27 -0.28 0.00	53.45 -0.49 0.00	54.16 -0.82 0.00	54.44 -0.61 0.00	53.77 -0.38 0.00	52.40 -0.11 0.00	52.05 -0.21 0.00	50.69 -0.15 0.00	51.67 -0.21 0.00	54.43 -0.55 0.00	54.38 -0.88 0.00	54.49 -0.83 0.00	57.67 -0.94 0.00	57.29 -0.64 0.00	54.95 -0.56 0.00	54.72 -0.55 0.00	54.49 -0.16 0.00	54.38 0.16 0.00	54.87 0.33 0.00
MAPLEWOD_115KV_TB3 80458	43.21 1.82 0.00	41.12 1.70 0.00	40.37 1.59 0.00	41.08 1.66 0.00	42.32 1.71 0.00	48.55 2.00 0.00	56.26 2.32 0.00	58.51 2.64 -0.89	58.64 2.59 -1.01	58.46 2.49 -1.82	55.63 2.42 -0.71	55.43 2.46 -0.72	54.01 2.39 -0.78	55.13 2.44 -0.82	58.48 2.53 -0.97	59.44 2.87 -1.30	67.47 2.88 -9.27	85.73 3.05 -24.08	78.61 3.07 -17.61	63.56 2.89 -5.18	61.33 2.82 -3.24	57.17 2.51 0.00	56.66 2.44 0.00	56.95 2.40 0.00
MAPLE_RIDGE_WT_1 323574	40.73 -0.66 0.00	38.83 -0.59 0.00	38.20 -0.58 0.00	38.87 -0.55 0.00	40.05 -0.57 0.00	45.85 -0.70 0.00	53.13 -0.81 0.00	54.16 -0.82 0.00	54.27 -0.77 0.00	53.50 -0.65 0.00	51.88 -0.63 0.00	51.58 -0.68 0.00	50.13 -0.71 0.00	51.10 -0.78 0.00	54.10 -0.88 0.00	54.32 -0.94 0.00	54.38 -0.94 0.00	57.61 -1.00 0.00	57.00 -0.93 0.00	54.78 -0.72 0.00	54.50 -0.77 0.00	54.11 -0.55 0.00	53.67 -0.54 0.00	54.05 -0.49 0.00
MAPLE_RIDGE_WT_2 323611	40.73 -0.66 0.00	38.83 -0.59 0.00	38.20 -0.58 0.00	38.87 -0.55 0.00	40.05 -0.57 0.00	45.85 -0.70 0.00	53.13 -0.81 0.00	54.16 -0.82 0.00	54.27 -0.77 0.00	53.50 -0.65 0.00	51.88 -0.63 0.00	51.58 -0.68 0.00	50.13 -0.71 0.00	51.10 -0.78 0.00	54.10 -0.88 0.00	54.32 -0.94 0.00	54.38 -0.94 0.00	57.61 -1.00 0.00	57.00 -0.93 0.00	54.78 -0.72 0.00	54.50 -0.77 0.00	54.11 -0.55 0.00	53.67 -0.54 0.00	54.05 -0.49 0.00
MARBLE_RIVER_WT_PWR 323696	40.81 -0.58 0.00	38.87 -0.55 0.00	38.27 -0.51 0.00	38.87 -0.55 0.00	40.05 -0.57 0.00	45.71 -0.84 0.00	52.64 -1.30 0.00	53.44 -1.54 0.00	53.50 -1.54 0.00	52.91 -1.24 0.00	51.40 -1.11 0.00	51.21 -1.04 0.00	49.93 -0.91 0.00	50.95 -0.93 0.00	53.66 -1.32 0.00	53.66 -1.60 0.00	53.83 -1.49 0.00	57.03 -1.58 0.00	56.42 -1.51 0.00	54.56 -0.94 0.00	54.00 -1.27 0.00	54.00 -0.65 0.00	53.62 -0.60 0.00	54.27 -0.27 0.00
MARSHVLE_115KV_TB1 80742	43.50 2.11 0.00	41.47 2.05 0.00	40.71 1.94 0.00	41.39 1.97 0.00	42.73 2.11 0.00	49.20 2.65 0.00	57.34 3.40 0.00	59.46 3.46 -1.01	58.75 3.08 -0.63	57.83 2.55 -1.13	55.20 2.26 -0.44	54.63 1.93 -0.44	53.06 1.73 -0.48	54.25 1.87 -0.51	57.62 2.03 -0.60	59.11 3.04 -0.81	69.43 3.54 -10.56	90.17 4.04 -27.52	82.23 4.17 -20.13	65.18 3.77 -5.91	62.62 3.65 -3.70	58.10 3.44 0.00	57.52 3.31 0.00	57.76 3.22 0.00
MARSH_HILL_WT_PWR 323713	38.29 -3.11 0.00	36.51 -2.92 0.00	36.14 -2.64 0.00	36.82 -2.60 0.00	38.22 -2.40 0.00	44.36 -2.19 0.00	51.35 -2.59 0.00	51.99 -3.13 -0.13	51.63 -3.41 0.00	51.35 -3.79 -0.99	55.82 -3.62 -6.94	50.03 -3.71 -1.48	48.40 -4.27 -1.83	62.11 -3.58 -13.81	70.93 -3.63 -19.58	72.55 -2.98 -20.28	66.13 -2.65 -13.47	85.44 -2.69 -29.53	82.58 -2.26 -26.92	75.34 -3.66 -23.51	87.31 -3.09 -35.13	76.16 -4.21 -25.71	50.15 -4.07 0.00	50.62 -3.93 0.00
MCINTYRE_115KV_TB2 80467	42.05 0.66 0.00	40.09 0.67 0.00	39.44 0.66 0.00	40.05 0.63 0.00	41.31 0.69 0.00	46.92 0.37 0.00	54.37 0.43 0.00	54.98 0.00 0.00	55.26 0.22 0.00	54.42 0.27 0.00	52.82 0.32 0.00	52.57 0.31 0.00	51.25 0.41 0.00	52.19 0.31 0.00	55.15 0.16 0.00	54.87 -0.39 0.00	54.93 -0.39 0.00	57.96 -0.64 0.00	57.47 -0.46 0.00	55.11 -0.39 0.00	54.88 -0.39 0.00	54.87 0.22 0.00	54.76 0.54 0.00	55.20 0.65 0.00
MECO_____69_KV_BK1 80468	44.46 3.06 0.00	42.38 2.96 0.00	41.65 2.87 0.00	42.34 2.92 0.00	43.66 3.05 0.00	50.27 3.72 0.00	58.52 4.58 0.00	60.69 4.73 -0.98	60.07 4.29 -0.73	59.31 3.84 -1.32	56.54 3.52 -0.52	56.17 3.40 -0.52	54.56 3.15 -0.56	55.74 3.27 -0.59	59.20 3.52 -0.70	60.57 4.37 -0.95	70.26 4.76 -10.18	90.50 5.39 -26.50	82.81 5.50 -19.38	66.30 5.11 -5.69	63.75 4.92 -3.56	59.30 4.65 0.00	58.77 4.55 0.00	59.02 4.47 0.00
MENANDS___115KV_TB5 355628	43.09 1.70 0.00	41.00 1.58 0.00	40.29 1.51 0.00	41.00 1.58 0.00	42.20 1.58 0.00	48.41 1.86 0.00	56.15 2.21 0.00	58.35 2.47 -0.89	58.48 2.42 -1.01	58.30 2.33 -1.82	55.53 2.31 -0.72	55.33 2.35 -0.72	53.91 2.29 -0.78	54.98 2.28 -0.82	58.37 2.42 -0.97	59.28 2.71 -1.31	67.29 2.71 -9.26	85.51 2.87 -24.03	78.35 2.84 -17.58	63.39 2.72 -5.17	61.16 2.65 -3.23	57.00 2.35 0.00	56.49 2.28 0.00	56.78 2.24 0.00
MG INDUSTRY___DRP 24185	42.97 1.57 0.00	40.88 1.46 0.00	40.17 1.40 0.00	40.88 1.46 0.00	42.08 1.46 0.00	48.27 1.72 0.00	55.94 2.00 0.00	57.99 2.14 -0.87	57.94 2.04 -0.86	57.59 1.90 -1.55	54.95 1.84 -0.61	54.75 1.88 -0.61	53.34 1.83 -0.66	54.44 1.87 -0.70	57.84 2.03 -0.82	58.69 2.32 -1.11	66.62 2.27 -9.03	84.52 2.46 -23.45	77.52 2.43 -17.15	62.82 2.28 -5.04	60.69 2.27 -3.16	56.73 2.08 0.00	56.28 2.06 0.00	56.56 2.02 0.00

MID___OSWEGATCHIE_HYD 23849	40.52 -0.87 0.00	38.60 -0.83 0.00	37.92 -0.85 0.00	38.56 -0.87 0.00	39.76 -0.85 0.00	45.38 -1.16 0.00	52.81 -1.13 0.00	53.85 -1.15 -0.02	53.94 -1.10 0.00	53.01 -1.14 0.00	51.40 -1.10 0.00	51.11 -1.15 0.00	49.83 -1.02 0.00	50.74 -1.14 0.00	53.77 -1.21 0.00	53.88 -1.38 0.00	54.12 -1.38 -0.19	57.62 -1.47 -0.48	56.89 -1.39 -0.35	54.27 -1.33 -0.10	53.95 -1.38 -0.06	53.40 -1.26 0.00	53.08 -1.14 0.00	53.40 -1.15 0.00
MID___RAQUETTE_HYD 23851	40.73 -0.66 0.00	38.79 -0.63 0.00	38.19 -0.58 0.00	38.79 -0.63 0.00	39.97 -0.65 0.00	45.34 -1.21 0.00	52.54 -1.40 0.00	53.22 -1.76 0.00	53.45 -1.60 0.00	52.74 -1.41 0.00	51.24 -1.26 0.00	50.95 -1.31 0.00	49.67 -1.17 0.00	50.58 -1.30 0.00	53.44 -1.54 0.00	53.22 -2.04 0.00	53.22 -2.10 0.00	56.20 -2.40 0.00	55.67 -2.26 0.00	53.45 -2.05 0.00	53.28 -1.99 0.00	53.18 -1.48 0.00	53.08 -1.14 0.00	53.51 -1.04 0.00
MILLIKEN___1 23584	41.48 0.08 0.00	39.46 0.04 0.00	38.85 0.08 0.00	39.50 0.08 0.00	40.70 0.08 0.00	46.92 0.37 0.00	54.59 0.65 0.00	55.61 0.49 -0.14	55.43 0.39 0.00	54.31 0.16 0.00	52.61 0.11 0.00	52.36 0.10 0.00	50.89 0.05 0.00	51.93 0.05 0.00	55.20 0.22 0.00	55.87 0.61 0.00	57.35 0.72 -1.31	63.34 1.29 -3.45	61.73 1.27 -2.52	57.18 0.94 -0.73	56.56 0.83 -0.46	55.09 0.44 0.00	54.43 0.22 0.00	54.71 0.16 0.00
MILLIKEN___2 23585	41.48 0.08 0.00	39.46 0.04 0.00	38.85 0.08 0.00	39.50 0.08 0.00	40.70 0.08 0.00	46.92 0.37 0.00	54.59 0.65 0.00	55.61 0.49 -0.14	55.43 0.39 0.00	54.31 0.16 0.00	52.61 0.11 0.00	52.36 0.10 0.00	50.89 0.05 0.00	51.93 0.05 0.00	55.20 0.22 0.00	55.87 0.61 0.00	57.35 0.72 -1.31	63.34 1.29 -3.45	61.73 1.27 -2.52	57.18 0.94 -0.73	56.56 0.83 -0.46	55.09 0.44 0.00	54.43 0.22 0.00	54.71 0.16 0.00
MILLIKEN___DIESEL 23629	41.48 0.08 0.00	39.46 0.04 0.00	38.85 0.08 0.00	39.50 0.08 0.00	40.70 0.08 0.00	46.92 0.37 0.00	54.59 0.65 0.00	55.61 0.49 -0.14	55.43 0.39 0.00	54.31 0.16 0.00	52.61 0.11 0.00	52.36 0.10 0.00	50.89 0.05 0.00	51.93 0.05 0.00	55.20 0.22 0.00	55.87 0.61 0.00	57.35 0.72 -1.31	63.34 1.29 -3.45	61.73 1.27 -2.52	57.18 0.94 -0.73	56.56 0.83 -0.46	55.09 0.44 0.00	54.43 0.22 0.00	54.71 0.16 0.00
MILLSEAT___LFGE 323607	37.87 -3.52 0.00	36.11 -3.31 0.00	35.60 -3.18 0.00	36.19 -3.23 0.00	37.37 -3.25 0.00	43.34 -3.21 0.00	49.35 -4.59 0.00	49.24 -5.83 -0.09	48.93 -6.11 0.00	48.13 -5.85 0.17	46.05 -5.25 1.20	45.78 -6.22 0.26	44.78 -5.75 0.32	43.16 -6.33 2.39	44.89 -6.71 3.38	46.40 -5.36 3.50	48.47 -5.87 0.99	51.56 -5.45 1.60	50.47 -5.39 2.07	45.58 -6.49 3.43	44.84 -4.75 5.68	43.27 -6.94 4.44	48.25 -5.96 0.00	49.36 -5.18 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	43.75 2.36 0.00	41.63 2.21 0.00	40.87 2.09 0.00	41.63 2.21 0.00	42.85 2.23 0.00	49.06 2.51 0.00	57.34 3.40 0.00	59.77 4.12 -0.67	63.88 4.02 -4.82	66.64 3.79 -8.70	59.38 3.47 -3.41	59.18 3.50 -3.42	58.02 3.46 -3.72	59.32 3.53 -3.91	63.41 3.79 -4.63	65.76 4.26 -6.24	66.75 4.48 -6.95	81.50 4.75 -18.14	75.89 4.69 -13.27	63.78 4.38 -3.89	62.02 4.31 -2.44	58.21 3.55 0.00	57.47 3.25 0.00	57.65 3.11 0.00
MILLWOOD_13_KV_LOAD 356217	43.83 2.44 0.00	41.71 2.29 0.00	40.91 2.13 0.00	41.71 2.29 0.00	42.93 2.32 0.00	49.15 2.61 0.00	57.45 3.51 0.00	59.88 4.23 -0.67	64.05 4.18 -4.82	66.75 3.90 -8.70	59.49 3.57 -3.41	59.29 3.61 -3.42	58.12 3.56 -3.72	59.42 3.63 -3.91	63.52 3.90 -4.63	65.92 4.42 -6.24	66.92 4.65 -6.95	81.67 4.92 -18.14	76.12 4.92 -13.27	63.95 4.55 -3.89	62.13 4.42 -2.44	58.32 3.66 0.00	57.58 3.36 0.00	57.76 3.22 0.00
MODEL_CITY_ENERGY 24167	36.55 -4.84 0.00	34.81 -4.61 0.00	34.32 -4.46 0.00	34.93 -4.50 0.00	35.98 -4.63 0.00	41.70 -4.84 0.00	47.30 -6.64 0.00	46.93 -8.14 -0.09	46.57 -8.48 0.00	45.97 -7.96 0.22	43.99 -7.03 1.48	43.88 -8.05 0.33	42.87 -7.58 0.40	40.58 -8.35 2.95	41.90 -8.91 4.18	43.47 -7.46 4.33	45.65 -8.24 1.43	48.08 -8.03 2.50	47.03 -7.93 2.97	42.08 -9.04 4.37	41.32 -6.86 7.09	39.88 -9.29 5.49	46.19 -8.02 0.00	47.40 -7.14 0.00
MODERN_LFGE___ 323580	36.55 -4.84 0.00	34.81 -4.61 0.00	34.32 -4.46 0.00	34.93 -4.50 0.00	35.98 -4.63 0.00	41.70 -4.84 0.00	47.30 -6.64 0.00	46.93 -8.14 -0.09	46.57 -8.48 0.00	45.97 -7.96 0.22	43.99 -7.03 1.48	43.88 -8.05 0.33	42.87 -7.58 0.40	40.58 -8.35 2.95	41.90 -8.91 4.18	43.47 -7.46 4.33	45.65 -8.24 1.43	48.08 -8.03 2.50	47.03 -7.93 2.97	42.08 -9.04 4.37	41.32 -6.86 7.09	39.88 -9.29 5.49	46.19 -8.02 0.00	47.40 -7.14 0.00
MOHAWK_PAPER___DRP 24187	43.21 1.82 0.00	41.12 1.70 0.00	40.37 1.59 0.00	41.08 1.66 0.00	42.32 1.71 0.00	48.55 2.00 0.00	56.26 2.32 0.00	58.51 2.64 -0.89	58.64 2.59 -1.01	58.46 2.49 -1.82	55.63 2.42 -0.71	55.43 2.46 -0.72	54.01 2.39 -0.78	55.13 2.44 -0.82	58.48 2.53 -0.97	59.44 2.87 -1.30	67.47 2.88 -9.27	85.73 3.05 -24.08	78.61 3.07 -17.61	63.56 2.89 -5.18	61.33 2.82 -3.24	57.17 2.51 0.00	56.66 2.44 0.00	56.95 2.40 0.00
MOHICAN___35_KV_115KV_LD 80490	44.12 2.73 0.00	42.06 2.64 0.00	41.30 2.52 0.00	42.03 2.60 0.00	43.30 2.68 0.00	49.76 3.21 0.00	56.74 2.80 0.00	59.03 3.13 -0.91	58.92 2.92 -0.96	58.69 2.82 -1.73	55.91 2.73 -0.68	55.76 2.82 -0.68	54.23 2.64 -0.74	55.30 2.65 -0.78	58.76 2.86 -0.92	59.82 3.32 -1.24	68.11 3.32 -9.47	86.90 3.69 -24.60	79.69 3.77 -17.99	64.28 3.50 -5.29	61.95 3.37 -3.31	57.66 3.01 0.00	58.23 4.01 0.00	58.53 3.98 0.00
MONGAUP___HYD 23641	43.46 2.07 0.00	41.43 2.01 0.00	40.68 1.90 0.00	41.39 1.97 0.00	42.65 2.03 0.00	48.83 2.28 0.00	56.69 2.75 0.00	58.48 2.91 -0.58	51.91 3.08 6.21	45.55 2.60 11.20	50.48 2.36 4.39	50.26 2.41 4.41	48.24 2.18 4.79	49.34 2.49 5.03	51.98 2.97 5.97	50.48 3.26 8.04	65.51 3.81 -6.37	79.47 4.22 -16.64	74.33 4.23 -12.17	62.79 3.72 -3.57	61.15 3.65 -2.24	57.77 3.11 0.00	56.98 2.76 0.00	57.54 3.00 0.00
MONTAUK___DIESEL 23721	47.44 6.04 -0.01	45.07 5.64 -0.01	44.25 5.47 -0.01	44.94 5.52 0.00	45.94 5.32 0.00	53.02 6.47 0.00	64.08 8.47 -1.68	75.75 9.35 -11.42	71.17 9.08 -7.04	70.89 8.45 -8.29	63.74 7.98 -3.26	63.31 7.79 -3.27	62.02 7.63 -3.55	64.48 7.99 -4.61	71.32 9.24 -7.10	75.47 9.89 -10.31	86.76 10.07 -21.37	106.50 10.72 -37.16	93.72 10.66 -25.13	92.08 10.55 -26.04	76.93 10.23 -11.43	74.74 9.24 -10.85	69.54 8.78 -6.54	67.70 8.51 -4.64
MOONROAD_115KV_HARTFLD_TB1-2 355988	37.00 -4.39 0.00	35.28 -4.14 0.00	35.01 -3.76 0.00	35.56 -3.86 0.00	37.12 -3.49 0.00	43.43 -3.12 0.00	49.09 -4.85 0.00	48.93 -6.16 -0.10	49.37 -5.67 0.00	48.25 -5.69 0.22	45.48 -5.51 1.51	46.60 -5.33 0.32	44.80 -5.64 0.40	42.99 -5.86 3.03	44.47 -6.21 4.30	44.46 -6.35 4.45	48.05 -6.03 1.24	49.78 -6.62 2.20	49.09 -6.26 2.58	44.33 -6.77 4.40	41.01 -7.02 7.24	41.85 -7.16 5.65	47.39 -6.83 0.00	47.67 -6.87 0.00

MORRIS RIDGE___SOLAR 323848	38.08 -3.31 0.00	36.27 -3.16 0.00	35.87 -2.91 0.00	36.51 -2.92 0.00	37.73 -2.88 0.00	43.80 -2.75 0.00	50.33 -3.61 0.00	50.71 -4.40 -0.13	50.36 -4.68 0.00	47.85 -4.93 1.37	38.11 -4.78 9.62	45.35 -4.86 2.05	43.12 -5.19 2.53	27.84 -4.88 19.16	22.76 -5.06 27.16	22.76 -4.37 28.13	36.24 -4.15 14.93	22.89 -4.28 31.44	23.97 -3.83 30.14	19.58 -5.11 30.81	3.28 -4.37 47.63	13.45 -5.52 35.68	49.28 -4.93 0.00	49.96 -4.58 0.00
MORTIMER_115KV_TB3 55949	38.66 -2.73 0.00	36.98 -2.44 0.00	36.41 -2.37 0.00	36.86 -2.56 0.00	38.14 -2.48 0.00	44.08 -2.47 0.00	50.38 -3.56 0.00	51.33 -3.74 -0.09	50.91 -4.13 0.00	49.98 -4.17 0.00	48.73 -3.78 0.00	48.29 -3.97 0.00	46.83 -4.02 0.00	48.00 -3.89 -0.01	50.98 -4.01 -0.01	51.46 -3.81 -0.01	52.17 -4.04 -0.89	57.49 -3.46 -2.34	55.81 -3.82 -1.71	52.75 -3.27 -0.52	52.13 -3.48 -0.34	51.12 -3.55 -0.01	50.10 -4.12 0.00	50.62 -3.93 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	43.96 2.57 0.00	41.79 2.37 0.00	41.03 2.25 0.00	41.83 2.40 0.00	43.05 2.44 0.00	49.25 2.70 0.00	57.66 3.72 0.00	60.17 4.51 -0.68	64.05 4.40 -4.60	66.62 4.17 -8.30	59.59 3.83 -3.26	59.39 3.87 -3.27	58.21 3.81 -3.55	59.50 3.89 -3.73	63.53 4.12 -4.42	65.80 4.59 -5.96	67.18 4.81 -7.05	82.01 5.16 -18.25	76.38 5.10 -13.35	64.19 4.77 -3.92	62.37 4.64 -2.45	58.48 3.83 0.00	57.74 3.52 0.00	57.98 3.44 0.00
MUNSVILLE_WIND_PWR 323609	43.50 2.11 0.00	41.55 2.13 0.00	40.64 1.86 0.00	41.47 2.05 0.00	42.77 2.15 0.00	49.62 3.07 0.00	58.15 4.21 0.00	64.31 9.07 -0.26	63.12 8.58 0.50	60.82 7.58 0.91	59.02 6.88 0.36	58.32 6.43 0.36	56.76 6.30 0.39	57.90 6.43 0.41	62.46 7.97 0.49	63.17 8.57 0.66	67.85 9.74 -2.79	70.15 5.68 -5.86	67.96 5.74 -4.29	61.51 4.77 -1.24	60.74 4.70 -0.77	58.59 3.94 0.00	57.79 3.58 0.00	58.14 3.60 0.00
N SALMON___HYD 24042	41.39 0.00 0.00	39.38 -0.04 0.00	38.81 0.04 0.00	39.38 -0.04 0.00	40.62 0.00 0.00	46.32 -0.23 0.00	53.51 -0.43 0.00	54.27 -0.72 0.00	54.33 -0.72 0.00	53.83 -0.32 0.00	52.29 -0.21 0.00	52.10 -0.16 0.00	50.74 -0.10 0.00	51.67 -0.21 0.00	54.32 -0.66 0.00	54.32 -0.94 0.00	54.55 -0.77 0.00	57.79 -0.82 0.00	57.29 -0.64 0.00	55.39 -0.11 0.00	54.77 -0.50 0.00	54.76 0.11 0.00	54.38 0.16 0.00	54.93 0.38 0.00
N.AKRON__115KV_KNAPP 355671	37.67 -3.73 0.00	36.03 -3.39 0.00	35.52 -3.26 0.00	35.88 -3.55 0.00	37.24 -3.37 0.00	43.24 -3.30 0.00	48.82 -5.12 0.00	49.13 -5.94 -0.09	48.93 -6.11 0.00	47.85 -6.12 0.18	45.80 -5.46 1.24	46.19 -5.80 0.27	44.76 -5.75 0.33	43.90 -5.50 2.48	45.74 -5.72 3.52	46.09 -5.53 3.65	48.50 -5.75 1.07	51.52 -5.33 1.76	50.14 -5.56 2.23	46.97 -4.94 3.59	44.16 -5.20 5.92	44.78 -5.25 4.62	48.20 -6.02 0.00	48.93 -5.62 0.00
N.BELMOR_69_KV_BK1 55787	44.84 3.44 -0.01	42.67 3.23 -0.01	41.85 3.06 -0.01	42.58 3.15 0.00	43.66 3.05 0.00	50.13 3.58 0.00	60.68 4.75 -2.00	73.84 5.39 -13.47	67.83 5.28 -7.51	67.42 4.98 -8.29	60.44 4.67 -3.26	60.28 4.76 -3.27	59.03 4.63 -3.56	61.36 4.72 -4.76	67.75 5.22 -7.54	71.93 5.64 -11.03	85.12 5.70 -24.10	105.35 5.98 -40.77	91.28 5.97 -27.38	91.41 5.66 -30.25	73.81 5.64 -12.90	72.20 4.92 -12.63	66.61 4.77 -7.62	64.48 4.53 -5.41
N.E_GEN_SANDY PD 24062	55.06 2.23 -11.43	53.40 2.05 -11.93	51.15 1.98 -10.40	49.63 2.05 -8.16	51.40 2.11 -8.67	59.86 2.42 -10.90	69.21 2.91 -12.36	82.60 3.35 -24.26	74.70 3.53 -16.13	63.07 3.30 -5.62	66.28 3.20 -10.57	61.03 3.29 -5.48	59.15 3.10 -5.21	61.58 3.27 -6.43	62.78 3.68 -4.11	71.53 3.76 -12.51	82.46 3.76 -23.38	96.44 3.99 -33.85	95.80 3.99 -33.88	92.80 3.66 -33.64	78.00 3.59 -19.14	76.52 3.22 -18.64	76.53 3.03 -19.28	71.21 2.89 -13.78
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	43.59 2.19 0.00	41.43 2.01 0.00	40.68 1.90 0.00	41.47 2.05 0.00	42.69 2.07 0.00	48.87 2.33 0.00	57.07 3.13 0.00	59.41 3.79 -0.63	50.90 3.63 7.78	43.53 3.41 14.03	50.10 3.10 5.50	49.87 3.14 5.52	47.99 3.15 6.00	48.79 3.22 6.30	50.92 3.41 7.47	49.06 3.87 10.07	66.04 4.15 -6.57	80.65 4.45 -17.58	75.19 4.40 -12.86	63.38 4.11 -3.77	61.61 3.98 -2.36	57.88 3.22 0.00	57.20 2.98 0.00	57.38 2.84 0.00
N.QUEENS_27_KV_LOAD 356247	44.17 2.77 0.00	41.99 2.56 0.00	41.22 2.44 0.00	42.30 2.88 0.00	43.50 2.88 0.00	49.76 3.21 0.00	58.20 4.26 0.00	60.83 5.17 -0.68	63.89 4.24 -4.61	66.46 4.01 -8.31	59.49 3.73 -3.26	59.29 3.76 -3.27	58.16 3.76 -3.55	59.35 3.74 -3.73	63.36 3.96 -4.42	65.64 4.42 -5.96	67.07 4.70 -7.05	81.90 5.04 -18.25	76.20 4.92 -13.35	64.08 4.66 -3.92	62.31 4.59 -2.45	58.59 3.94 0.00	57.90 3.69 0.00	58.31 3.76 0.00
N.TROY___115KV_TB1 355778	43.38 1.99 0.00	41.28 1.85 0.00	40.56 1.78 0.00	41.28 1.85 0.00	42.48 1.87 0.00	48.78 2.23 0.00	56.48 2.54 0.00	58.74 2.86 -0.89	58.84 2.75 -1.04	58.68 2.65 -1.88	55.76 2.52 -0.74	55.56 2.56 -0.74	54.14 2.49 -0.80	55.27 2.54 -0.84	58.68 2.69 -1.00	59.59 2.98 -1.35	67.68 3.04 -9.31	86.06 3.28 -24.17	78.91 3.30 -17.68	63.80 3.11 -5.20	61.56 3.04 -3.25	57.33 2.68 0.00	56.93 2.71 0.00	57.22 2.67 0.00
NARROWS_GT1_1 24228	67.28 2.90 -22.99	66.28 2.68 -24.18	66.24 2.60 -24.87	66.24 2.72 -24.09	66.24 2.80 -22.82	66.25 2.98 -16.72	67.32 3.77 -9.61	73.05 4.67 -13.40	72.16 4.73 -12.38	72.25 4.38 -13.72	71.27 4.31 -14.46	71.27 4.39 -14.62	71.20 4.17 -16.19	71.16 4.51 -14.77	70.23 5.06 -10.19	71.51 4.81 -11.44	180.58 5.36 -119.89	236.41 5.68 -172.12	180.40 5.62 -116.85	175.92 5.16 -115.26	180.16 5.08 -119.81	78.70 4.48 -19.56	71.17 4.17 -12.78	69.05 3.98 -10.52
NARROWS_GT1_2 24229	67.28 2.90 -22.99	66.28 2.68 -24.18	66.24 2.60 -24.87	66.24 2.72 -24.09	66.24 2.80 -22.82	66.25 2.98 -16.72	67.32 3.77 -9.61	73.05 4.67 -13.40	72.16 4.73 -12.38	72.25 4.38 -13.72	71.27 4.31 -14.46	71.27 4.39 -14.62	71.20 4.17 -16.19	71.16 4.51 -14.77	70.23 5.06 -10.19	71.51 4.81 -11.44	180.58 5.36 -119.89	236.41 5.68 -172.12	180.40 5.62 -116.85	175.92 5.16 -115.26	180.16 5.08 -119.81	78.70 4.48 -19.56	71.17 4.17 -12.78	69.05 3.98 -10.52
NARROWS_GT1_3 24230	67.28 2.90 -22.99	66.28 2.68 -24.18	66.24 2.60 -24.87	66.24 2.72 -24.09	66.24 2.80 -22.82	66.25 2.98 -16.72	67.32 3.77 -9.61	73.05 4.67 -13.40	72.16 4.73 -12.38	72.25 4.38 -13.72	71.27 4.31 -14.46	71.27 4.39 -14.62	71.20 4.17 -16.19	71.16 4.51 -14.77	70.23 5.06 -10.19	71.51 4.81 -11.44	180.58 5.36 -119.89	236.41 5.68 -172.12	180.40 5.62 -116.85	175.92 5.16 -115.26	180.16 5.08 -119.81	78.70 4.48 -19.56	71.17 4.17 -12.78	69.05 3.98 -10.52
NARROWS_GT1_4 24231	67.28 2.90 -22.99	66.28 2.68 -24.18	66.24 2.60 -24.87	66.24 2.72 -24.09	66.24 2.80 -22.82	66.25 2.98 -16.72	67.32 3.77 -9.61	73.05 4.67 -13.40	72.16 4.73 -12.38	72.25 4.38 -13.72	71.27 4.31 -14.46	71.27 4.39 -14.62	71.20 4.17 -16.19	71.16 4.51 -14.77	70.23 5.06 -10.19	71.51 4.81 -11.44	180.58 5.36 -119.89	236.41 5.68 -172.12	180.40 5.62 -116.85	175.92 5.16 -115.26	180.16 5.08 -119.81	78.70 4.48 -19.56	71.17 4.17 -12.78	69.05 3.98 -10.52

NARROWS_GT1_5 24232	67.28 2.90 -22.99	66.28 2.68 -24.18	66.24 2.60 -24.87	66.24 2.72 -24.09	66.24 2.80 -22.82	66.25 2.98 -16.72	67.32 3.77 -9.61	73.05 4.67 -13.40	72.16 4.73 -12.38	72.25 4.38 -13.72	71.27 4.31 -14.46	71.27 4.39 -14.62	71.20 4.17 -16.19	71.16 4.51 -14.77	70.23 5.06 -10.19	71.51 4.81 -11.44	180.58 5.36 -119.89	236.41 5.68 -172.12	180.40 5.62 -116.85	175.92 5.16 -115.26	180.16 5.08 -119.81	78.70 4.48 -19.56	71.17 4.17 -12.78	69.05 3.98 -10.52
NARROWS_GT1_6 24233	67.28 2.90 -22.99	66.28 2.68 -24.18	66.24 2.60 -24.87	66.24 2.72 -24.09	66.24 2.80 -22.82	66.25 2.98 -16.72	67.32 3.77 -9.61	73.05 4.67 -13.40	72.16 4.73 -12.38	72.25 4.38 -13.72	71.27 4.31 -14.46	71.27 4.39 -14.62	71.20 4.17 -16.19	71.16 4.51 -14.77	70.23 5.06 -10.19	71.51 4.81 -11.44	180.58 5.36 -119.89	236.41 5.68 -172.12	180.40 5.62 -116.85	175.92 5.16 -115.26	180.16 5.08 -119.81	78.70 4.48 -19.56	71.17 4.17 -12.78	69.05 3.98 -10.52
NARROWS_GT1_7 24234	67.28 2.90 -22.99	66.28 2.68 -24.18	66.24 2.60 -24.87	66.24 2.72 -24.09	66.24 2.80 -22.82	66.25 2.98 -16.72	67.32 3.77 -9.61	73.05 4.67 -13.40	72.16 4.73 -12.38	72.25 4.38 -13.72	71.27 4.31 -14.46	71.27 4.39 -14.62	71.20 4.17 -16.19	71.16 4.51 -14.77	70.23 5.06 -10.19	71.51 4.81 -11.44	180.58 5.36 -119.89	236.41 5.68 -172.12	180.40 5.62 -116.85	175.92 5.16 -115.26	180.16 5.08 -119.81	78.70 4.48 -19.56	71.17 4.17 -12.78	69.05 3.98 -10.52
NARROWS_GT1_8 24235	67.28 2.90 -22.99	66.28 2.68 -24.18	66.24 2.60 -24.87	66.24 2.72 -24.09	66.24 2.80 -22.82	66.25 2.98 -16.72	67.32 3.77 -9.61	73.05 4.67 -13.40	72.16 4.73 -12.38	72.25 4.38 -13.72	71.27 4.31 -14.46	71.27 4.39 -14.62	71.20 4.17 -16.19	71.16 4.51 -14.77	70.23 5.06 -10.19	71.51 4.81 -11.44	180.58 5.36 -119.89	236.41 5.68 -172.12	180.40 5.62 -116.85	175.92 5.16 -115.26	180.16 5.08 -119.81	78.70 4.48 -19.56	71.17 4.17 -12.78	69.05 3.98 -10.52
NARROWS_GT2_1 24236	67.28 2.90 -22.99	66.28 2.68 -24.18	66.24 2.60 -24.87	66.24 2.72 -24.09	66.24 2.80 -22.82	66.25 2.98 -16.72	67.32 3.77 -9.61	73.05 4.67 -13.40	72.16 4.73 -12.38	72.25 4.38 -13.72	71.27 4.31 -14.46	71.27 4.39 -14.62	71.20 4.17 -16.19	71.16 4.51 -14.77	70.23 5.06 -10.19	71.51 4.81 -11.44	180.58 5.36 -119.89	236.41 5.68 -172.12	180.40 5.62 -116.85	175.92 5.16 -115.26	180.16 5.08 -119.81	78.70 4.48 -19.56	71.17 4.17 -12.78	69.05 3.98 -10.52
NARROWS_GT2_2 24237	67.28 2.90 -22.99	66.28 2.68 -24.18	66.24 2.60 -24.87	66.24 2.72 -24.09	66.24 2.80 -22.82	66.25 2.98 -16.72	67.32 3.77 -9.61	73.05 4.67 -13.40	72.16 4.73 -12.38	72.25 4.38 -13.72	71.27 4.31 -14.46	71.27 4.39 -14.62	71.20 4.17 -16.19	71.16 4.51 -14.77	70.23 5.06 -10.19	71.51 4.81 -11.44	180.58 5.36 -119.89	236.41 5.68 -172.12	180.40 5.62 -116.85	175.92 5.16 -115.26	180.16 5.08 -119.81	78.70 4.48 -19.56	71.17 4.17 -12.78	69.05 3.98 -10.52
NARROWS_GT2_3 24238	67.28 2.90 -22.99	66.28 2.68 -24.18	66.24 2.60 -24.87	66.24 2.72 -24.09	66.24 2.80 -22.82	66.25 2.98 -16.72	67.32 3.77 -9.61	73.05 4.67 -13.40	72.16 4.73 -12.38	72.25 4.38 -13.72	71.27 4.31 -14.46	71.27 4.39 -14.62	71.20 4.17 -16.19	71.16 4.51 -14.77	70.23 5.06 -10.19	71.51 4.81 -11.44	180.58 5.36 -119.89	236.41 5.68 -172.12	180.40 5.62 -116.85	175.92 5.16 -115.26	180.16 5.08 -119.81	78.70 4.48 -19.56	71.17 4.17 -12.78	69.05 3.98 -10.52
NARROWS_GT2_4 24239	67.28 2.90 -22.99	66.28 2.68 -24.18	66.24 2.60 -24.87	66.24 2.72 -24.09	66.24 2.80 -22.82	66.25 2.98 -16.72	67.32 3.77 -9.61	73.05 4.67 -13.40	72.16 4.73 -12.38	72.25 4.38 -13.72	71.27 4.31 -14.46	71.27 4.39 -14.62	71.20 4.17 -16.19	71.16 4.51 -14.77	70.23 5.06 -10.19	71.51 4.81 -11.44	180.58 5.36 -119.89	236.41 5.68 -172.12	180.40 5.62 -116.85	175.92 5.16 -115.26	180.16 5.08 -119.81	78.70 4.48 -19.56	71.17 4.17 -12.78	69.05 3.98 -10.52
NARROWS_GT2_5 24240	67.28 2.90 -22.99	66.28 2.68 -24.18	66.24 2.60 -24.87	66.24 2.72 -24.09	66.24 2.80 -22.82	66.25 2.98 -16.72	67.32 3.77 -9.61	73.05 4.67 -13.40	72.16 4.73 -12.38	72.25 4.38 -13.72	71.27 4.31 -14.46	71.27 4.39 -14.62	71.20 4.17 -16.19	71.16 4.51 -14.77	70.23 5.06 -10.19	71.51 4.81 -11.44	180.58 5.36 -119.89	236.41 5.68 -172.12	180.40 5.62 -116.85	175.92 5.16 -115.26	180.16 5.08 -119.81	78.70 4.48 -19.56	71.17 4.17 -12.78	69.05 3.98 -10.52
NARROWS_GT2_6 24241	67.28 2.90 -22.99	66.28 2.68 -24.18	66.24 2.60 -24.87	66.24 2.72 -24.09	66.24 2.80 -22.82	66.25 2.98 -16.72	67.32 3.77 -9.61	73.05 4.67 -13.40	72.16 4.73 -12.38	72.25 4.38 -13.72	71.27 4.31 -14.46	71.27 4.39 -14.62	71.20 4.17 -16.19	71.16 4.51 -14.77	70.23 5.06 -10.19	71.51 4.81 -11.44	180.58 5.36 -119.89	236.41 5.68 -172.12	180.40 5.62 -116.85	175.92 5.16 -115.26	180.16 5.08 -119.81	78.70 4.48 -19.56	71.17 4.17 -12.78	69.05 3.98 -10.52
NARROWS_GT2_7 24242	67.28 2.90 -22.99	66.28 2.68 -24.18	66.24 2.60 -24.87	66.24 2.72 -24.09	66.24 2.80 -22.82	66.25 2.98 -16.72	67.32 3.77 -9.61	73.05 4.67 -13.40	72.16 4.73 -12.38	72.25 4.38 -13.72	71.27 4.31 -14.46	71.27 4.39 -14.62	71.20 4.17 -16.19	71.16 4.51 -14.77	70.23 5.06 -10.19	71.51 4.81 -11.44	180.58 5.36 -119.89	236.41 5.68 -172.12	180.40 5.62 -116.85	175.92 5.16 -115.26	180.16 5.08 -119.81	78.70 4.48 -19.56	71.17 4.17 -12.78	69.05 3.98 -10.52
NARROWS_GT2_8 24243	67.28 2.90 -22.99	66.28 2.68 -24.18	66.24 2.60 -24.87	66.24 2.72 -24.09	66.24 2.80 -22.82	66.25 2.98 -16.72	67.32 3.77 -9.61	73.05 4.67 -13.40	72.16 4.73 -12.38	72.25 4.38 -13.72	71.27 4.31 -14.46	71.27 4.39 -14.62	71.20 4.17 -16.19	71.16 4.51 -14.77	70.23 5.06 -10.19	71.51 4.81 -11.44	180.58 5.36 -119.89	236.41 5.68 -172.12	180.40 5.62 -116.85	175.92 5.16 -115.26	180.16 5.08 -119.81	78.70 4.48 -19.56	71.17 4.17 -12.78	69.05 3.98 -10.52
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	44.00 2.61 0.00	41.91 2.48 0.00	41.18 2.40 0.00	41.91 2.48 0.00	43.17 2.56 0.00	49.53 2.98 0.00	57.34 3.40 0.00	59.05 3.24 -0.83	59.12 3.58 -0.50	58.29 3.25 -0.89	55.85 2.99 -0.35	55.64 3.03 -0.35	54.07 2.85 -0.38	55.29 3.01 -0.40	58.76 3.30 -0.48	59.71 3.81 -0.64	67.54 3.60 -8.62	85.10 4.04 -22.45	78.23 3.88 -16.42	63.99 3.66 -4.82	61.94 3.65 -3.02	58.32 3.66 0.00	57.74 3.52 0.00	58.15 3.60 0.00
NCHELSEA_115KV_TR2 355582	44.12 2.73 0.00	41.99 2.56 0.00	41.22 2.44 0.00	42.03 2.60 0.00	43.26 2.64 0.00	49.53 2.98 0.00	57.72 3.78 0.00	60.16 4.51 -0.67	59.45 4.40 0.00	58.26 4.12 0.00	56.28 3.78 0.00	56.07 3.81 0.00	54.55 3.71 0.00	55.72 3.84 0.00	59.16 4.18 0.00	59.96 4.70 0.00	67.36 5.03 -7.00	82.25 5.45 -18.19	76.57 5.33 -13.31	64.40 5.00 -3.91	62.58 4.86 -2.44	58.70 4.04 0.00	57.96 3.74 0.00	58.20 3.65 0.00
NEG CAPITAL___MECHNVIL 23645	43.79 2.40 0.00	41.71 2.29 0.00	40.99 2.21 0.00	41.67 2.25 0.00	42.93 2.31 0.00	49.29 2.75 0.00	57.34 3.40 0.00	59.46 3.57 -0.90	59.61 3.58 -0.99	59.29 3.36 -1.78	56.46 3.26 -0.70	56.31 3.35 -0.70	54.76 3.15 -0.76	55.64 2.96 -0.80	59.18 3.24 -0.95	60.02 3.48 -1.28	68.21 3.54 -9.35	86.91 3.87 -24.44	79.69 3.88 -17.87	64.25 3.50 -5.25	62.04 3.48 -3.29	58.16 3.50 0.00	57.63 3.42 0.00	57.93 3.38 0.00

NEG CENTRAL_HIGH_ACRES 23767	38.54 -2.86 0.00	36.78 -2.64 0.00	36.22 -2.56 0.00	36.78 -2.64 0.00	37.93 -2.68 0.00	43.80 -2.75 0.00	50.54 -3.40 0.00	51.11 -3.96 -0.08	50.91 -4.13 0.00	49.98 -4.17 0.00	48.62 -3.88 0.00	47.76 -4.49 0.00	46.93 -3.91 0.00	47.42 -4.46 0.00	50.37 -4.62 0.00	51.50 -3.76 0.00	52.08 -4.09 -0.85	57.11 -3.75 -2.26	55.75 -3.83 -1.64	51.84 -4.16 -0.50	52.11 -3.48 -0.32	50.07 -4.59 0.00	49.99 -4.23 0.00	50.67 -3.87 0.00
NEG CENTRAL___DRP 24199	40.27 -1.12 0.00	38.36 -1.06 0.00	37.85 -0.93 0.00	38.44 -0.99 0.00	39.64 -0.97 0.00	45.76 -0.79 0.00	52.92 -1.02 0.00	54.03 -1.04 -0.09	53.83 -1.21 0.00	52.79 -1.46 -0.10	51.89 -1.31 -0.70	51.10 -1.31 -0.15	49.65 -1.37 -0.18	51.82 -1.45 -1.40	55.59 -1.37 -1.98	56.26 -1.05 -2.05	56.53 -0.94 -2.15	63.04 -0.64 -5.08	61.54 -0.64 -4.25	57.50 -0.83 -2.83	58.11 -0.99 -3.84	55.95 -1.31 -2.60	52.81 -1.41 0.00	53.13 -1.42 0.00
NEG CENTRAL___INDECK 23768	39.86 -1.53 0.00	38.04 -1.38 0.00	37.53 -1.24 0.00	38.16 -1.26 0.00	39.44 -1.18 0.00	45.76 -0.79 0.00	52.80 -1.14 0.00	53.45 -1.65 -0.12	53.06 -1.98 0.00	52.82 -2.33 -1.00	57.27 -2.26 -7.03	50.83 -2.93 -1.50	50.00 -2.70 -1.85	63.01 -2.85 -13.98	72.06 -2.75 -19.83	74.14 -1.66 -20.53	67.04 -1.61 -13.33	86.82 -0.94 -29.15	83.78 -0.81 -26.66	77.30 -1.89 -23.69	89.73 -1.05 -35.51	78.13 -2.57 -26.04	51.94 -2.28 0.00	52.58 -1.96 0.00
NEG CENTRAL___SENECA 23627	40.11 -1.28 0.00	38.20 -1.22 0.00	37.69 -1.09 0.00	38.28 -1.14 0.00	39.56 -1.06 0.00	45.76 -0.79 0.00	52.70 -1.24 0.00	53.71 -1.37 -0.10	53.50 -1.54 0.00	52.47 -1.84 -0.16	52.07 -1.58 -1.14	50.93 -1.57 -0.24	49.47 -1.68 -0.30	52.34 -1.82 -2.27	56.50 -1.70 -3.22	57.27 -1.33 -3.34	57.14 -1.22 -3.03	64.74 -0.88 -7.01	63.13 -0.81 -6.01	58.72 -1.11 -4.33	60.01 -1.33 -6.07	57.19 -1.69 -4.23	52.54 -1.68 0.00	52.85 -1.69 0.00
NEG CENTRAL___STATE_STREET 24147	40.73 -0.66 0.00	38.79 -0.63 0.00	38.19 -0.58 0.00	38.83 -0.59 0.00	40.01 -0.61 0.00	46.13 -0.42 0.00	53.56 -0.38 0.00	54.74 -0.33 -0.09	54.60 -0.44 0.00	53.50 -0.65 0.00	51.93 -0.58 0.00	51.68 -0.57 0.00	50.23 -0.61 0.00	51.20 -0.67 0.00	54.43 -0.55 0.00	54.98 -0.28 0.00	55.98 -0.22 0.00	61.06 0.12 0.06	59.69 0.06 -1.71	55.89 -0.11 -0.50	55.36 -0.22 -0.31	54.16 -0.49 0.00	53.46 -0.76 0.00	53.73 -0.82 0.00
NEG MILLWOOD___DRP 24198	44.29 2.90 0.00	42.14 2.72 0.00	41.37 2.60 0.00	42.18 2.76 0.00	43.38 2.76 0.00	49.67 3.12 0.00	57.93 3.99 0.00	60.51 4.84 -0.69	61.96 4.84 -2.07	62.33 4.44 -3.74	58.07 4.10 -1.47	57.86 4.13 -1.47	56.51 4.07 -1.60	57.76 4.20 -1.68	61.48 4.51 -1.99	63.03 5.08 -2.68	67.85 5.37 -7.16	82.75 5.74 -18.40	77.06 5.68 -13.45	64.72 5.27 -3.95	62.88 5.14 -2.47	58.92 4.26 0.00	58.17 3.96 0.00	58.31 3.76 0.00
NEG NORTH_FLCN_SEA 23793	41.31 -0.08 0.00	39.30 -0.12 0.00	38.74 -0.04 0.00	39.30 -0.12 0.00	40.53 -0.08 0.00	46.27 -0.28 0.00	52.97 -0.97 0.00	53.66 -1.32 0.00	53.94 -1.10 0.00	53.28 -0.87 0.00	51.87 -0.63 0.00	51.58 -0.68 0.00	50.28 -0.56 0.00	51.26 -0.62 0.00	54.10 -0.88 0.00	54.04 -1.22 0.00	54.16 -1.16 0.00	57.38 -1.23 0.00	56.89 -1.04 0.00	54.61 -0.89 0.00	54.39 -0.88 0.00	54.16 -0.49 0.00	54.05 -0.16 0.00	55.04 0.49 0.00
NEG NORTH_KES_CHATEGAY 23792	40.98 -0.41 0.00	38.99 -0.43 0.00	38.43 -0.35 0.00	38.99 -0.43 0.00	40.17 -0.45 0.00	45.85 -0.70 0.00	52.86 -1.08 0.00	53.55 -1.43 0.00	53.78 -1.27 0.00	53.12 -1.03 0.00	51.72 -0.79 0.00	51.37 -0.89 0.00	50.08 -0.76 0.00	51.10 -0.78 0.00	53.94 -1.04 0.00	53.82 -1.44 0.00	53.94 -1.38 0.00	57.02 -1.58 0.00	56.54 -1.39 0.00	54.28 -1.22 0.00	54.05 -1.22 0.00	53.94 -0.71 0.00	53.84 -0.38 0.00	54.44 -0.11 0.00
NEG NORTH___ALICE_FALLS 23915	41.48 0.08 0.00	39.46 0.04 0.00	38.89 0.12 0.00	39.46 0.04 0.00	40.66 0.04 0.00	46.45 -0.09 0.00	53.35 -0.59 0.00	54.05 -0.93 0.00	54.33 -0.72 0.00	53.66 -0.49 0.00	52.29 -0.21 0.00	51.94 -0.31 0.00	50.64 -0.20 0.00	51.62 -0.26 0.00	54.43 -0.55 0.00	54.43 -0.83 0.00	54.55 -0.77 0.00	57.79 -0.82 0.00	57.41 -0.52 0.00	55.06 -0.44 0.00	54.77 -0.50 0.00	54.55 -0.11 0.00	54.43 0.22 0.00	55.25 0.71 0.00
NEG NORTH___LWR_SARANAC 23913	41.48 0.08 0.00	39.46 0.04 0.00	38.89 0.12 0.00	39.46 0.04 0.00	40.66 0.04 0.00	46.45 -0.09 0.00	53.35 -0.59 0.00	54.05 -0.93 0.00	54.33 -0.72 0.00	53.66 -0.49 0.00	52.29 -0.21 0.00	51.94 -0.31 0.00	50.64 -0.20 0.00	51.62 -0.26 0.00	54.43 -0.55 0.00	54.43 -0.83 0.00	54.55 -0.77 0.00	57.79 -0.82 0.00	57.41 -0.52 0.00	55.06 -0.44 0.00	54.77 -0.50 0.00	54.55 -0.11 0.00	54.43 0.22 0.00	55.25 0.71 0.00
NEG NORTH___PLATTSBURG 23628	41.48 0.08 0.00	39.46 0.04 0.00	38.89 0.12 0.00	39.46 0.04 0.00	40.66 0.04 0.00	46.45 -0.09 0.00	53.35 -0.59 0.00	54.16 -0.82 0.00	54.22 -0.82 0.00	53.66 -0.49 0.00	52.19 -0.31 0.00	52.00 -0.26 0.00	50.64 -0.20 0.00	51.67 -0.21 0.00	54.32 -0.66 0.00	54.37 -0.89 0.00	54.66 -0.66 0.00	57.91 -0.70 0.00	57.41 -0.52 0.00	55.50 0.00 0.00	54.89 -0.38 0.00	54.82 0.16 0.00	54.43 0.22 0.00	55.25 0.71 0.00
NEG WEST_LEA_LOCKPORT 23791	36.84 -4.55 0.00	35.20 -4.22 0.00	34.74 -4.03 0.00	35.09 -4.34 0.00	36.39 -4.22 0.00	42.26 -4.28 0.00	47.52 -6.42 0.00	47.59 -7.48 -0.09	47.39 -7.65 0.00	46.35 -7.58 0.22	44.15 -6.83 1.53	44.87 -7.05 0.33	43.42 -7.02 0.41	41.97 -6.85 3.06	43.50 -7.15 4.34	43.75 -7.02 4.49	46.55 -7.25 1.52	48.79 -7.09 2.72	47.60 -7.18 3.15	44.46 -6.49 4.54	41.10 -6.80 7.37	42.23 -6.72 5.70	46.90 -7.32 0.00	47.67 -6.87 0.00
NEG WEST___LANCASTER 23811	38.29 -3.10 0.00	36.51 -2.92 0.00	36.02 -2.75 0.00	36.51 -2.92 0.00	37.81 -2.80 0.00	43.89 -2.65 0.00	49.73 -4.21 0.00	48.55 -6.54 -0.11	50.03 -5.01 0.00	48.84 -5.09 0.22	45.39 -5.57 1.55	47.17 -4.76 0.33	45.55 -4.88 0.41	43.60 -5.19 3.09	45.49 -5.11 4.38	45.47 -5.25 4.54	50.32 -3.71 1.30	51.24 -5.10 2.27	52.05 -3.19 2.69	45.35 -5.66 4.49	42.03 -5.86 7.38	42.78 -6.12 5.76	49.28 -4.93 0.00	49.85 -4.69 0.00
NEG_PENN_ALLEGHNY 23528	40.94 -0.45 0.00	38.99 -0.43 0.00	38.39 -0.39 0.00	39.03 -0.39 0.00	40.21 -0.41 0.00	46.32 -0.23 0.00	53.73 -0.21 0.00	54.93 -0.27 -0.22	54.27 -0.33 0.44	52.82 -0.54 0.79	51.62 -0.58 0.31	51.42 -0.52 0.31	49.79 -0.71 0.34	51.00 -0.52 0.36	54.23 -0.33 0.43	54.58 -0.11 0.58	57.69 0.00 -2.37	64.78 0.06 -6.12	62.65 0.23 -4.49	56.39 -0.39 -1.28	55.79 -0.27 -0.79	53.93 -0.71 0.01	53.62 -0.60 0.00	54.00 -0.55 0.00
NEG___GEN_MONROE 24207	38.62 -2.77 0.00	36.94 -2.48 0.00	36.41 -2.37 0.00	36.78 -2.64 0.00	38.10 -2.52 0.00	44.08 -2.47 0.00	50.33 -3.61 0.00	51.06 -4.01 -0.09	50.64 -4.40 0.00	49.66 -4.49 0.00	48.31 -4.20 0.00	47.87 -4.39 0.00	46.47 -4.37 0.00	47.69 -4.20 -0.01	50.60 -4.40 -0.01	51.02 -4.26 -0.01	51.74 -4.48 -0.90	56.99 -3.99 -2.37	55.42 -4.23 -1.72	52.31 -3.72 -0.53	51.64 -3.98 -0.34	50.57 -4.10 -0.02	49.61 -4.61 0.00	50.24 -4.31 0.00

NEPA___ENERGY 23901	37.42 -3.97 0.00	35.68 -3.75 0.00	35.29 -3.49 0.00	35.72 -3.71 0.00	37.12 -3.49 0.00	43.20 -3.35 0.00	48.71 -5.23 0.00	48.59 -6.49 -0.10	48.82 -6.22 0.00	47.62 -6.23 0.31	44.49 -5.88 2.14	46.05 -5.75 0.46	44.33 -5.95 0.56	41.65 -5.97 4.27	42.77 -6.16 6.05	42.86 -6.13 6.27	47.06 -5.92 2.34	47.83 -6.15 4.63	47.35 -5.79 4.79	43.03 -5.99 6.48	38.65 -6.25 10.37	40.36 -6.34 7.95	47.93 -6.29 0.00	48.44 -6.11 0.00
NEVERSink___HYD 23608	43.88 2.48 0.00	41.83 2.41 0.00	41.06 2.29 0.00	41.83 2.41 0.00	43.09 2.48 0.00	49.43 2.89 0.00	57.40 3.46 0.00	59.59 4.01 -0.59	56.93 4.24 2.35	53.59 3.68 4.25	54.25 3.41 1.67	54.03 3.45 1.67	52.23 3.21 1.82	53.55 3.58 1.91	56.85 4.13 2.26	56.69 4.47 3.05	66.64 4.98 -6.33	80.61 5.45 -16.55	75.42 5.39 -12.10	63.83 4.77 -3.55	62.14 4.64 -2.22	58.70 4.04 0.00	57.85 3.63 0.00	58.09 3.54 0.00
NEWKRMKL_115KV_TB1 55635	43.05 1.66 0.00	40.92 1.50 0.00	40.21 1.43 0.00	40.92 1.50 0.00	42.16 1.54 0.00	48.32 1.77 0.00	56.04 2.10 0.00	58.29 2.42 -0.89	58.40 2.37 -0.99	58.22 2.27 -1.79	55.41 2.21 -0.70	55.26 2.30 -0.71	53.85 2.24 -0.77	54.92 2.23 -0.81	58.25 2.31 -0.96	59.15 2.60 -1.29	67.18 2.60 -9.26	85.45 2.81 -24.03	78.29 2.78 -17.58	63.27 2.61 -5.17	61.10 2.60 -3.23	56.95 2.30 0.00	56.44 2.22 0.00	56.67 2.13 0.00
NEWTON___FALLS_HYD 23847	40.52 -0.87 0.00	38.60 -0.83 0.00	37.92 -0.85 0.00	38.56 -0.87 0.00	39.76 -0.85 0.00	45.38 -1.16 0.00	52.81 -1.13 0.00	53.85 -1.15 -0.02	53.94 -1.10 0.00	53.01 -1.14 0.00	51.40 -1.10 0.00	51.11 -1.15 0.00	49.83 -1.02 0.00	50.74 -1.14 0.00	53.77 -1.21 0.00	53.88 -1.38 0.00	54.12 -1.38 -0.19	57.62 -1.47 -0.48	56.89 -1.39 -0.35	54.27 -1.33 -0.10	53.95 -1.38 -0.06	53.40 -1.26 0.00	53.08 -1.14 0.00	53.40 -1.15 0.00
NGRID_A1_DSASP 323792	36.42 -4.97 0.00	34.69 -4.73 0.00	34.20 -4.58 0.00	34.77 -4.65 0.00	35.82 -4.79 0.00	41.52 -5.03 0.00	47.04 -6.90 0.00	46.55 -8.52 -0.09	46.18 -8.86 0.00	45.80 -8.12 0.22	43.42 -7.51 1.57	42.99 -8.94 0.33	42.65 -7.78 0.41	39.92 -8.82 3.14	41.07 -9.46 4.46	43.02 -7.63 4.61	44.98 -8.85 1.49	47.78 -8.21 2.62	46.57 -8.29 3.08	41.43 -9.38 4.69	40.38 -7.30 7.59	39.12 -9.68 5.86	45.92 -8.29 0.00	47.18 -7.36 0.00
NGRID_A2_DSASP 323793	36.42 -4.97 0.00	34.69 -4.73 0.00	34.20 -4.58 0.00	34.77 -4.65 0.00	35.82 -4.79 0.00	41.52 -5.03 0.00	47.04 -6.90 0.00	46.55 -8.52 -0.09	46.18 -8.86 0.00	45.80 -8.12 0.22	43.42 -7.51 1.57	42.99 -8.94 0.33	42.65 -7.78 0.41	39.92 -8.82 3.14	41.07 -9.46 4.46	43.02 -7.63 4.61	44.98 -8.85 1.49	47.78 -8.21 2.62	46.57 -8.29 3.08	41.43 -9.38 4.69	40.38 -7.30 7.59	39.12 -9.68 5.86	45.92 -8.29 0.00	47.18 -7.36 0.00
NGRID_A4_DSASP 323807	36.42 -4.97 0.00	34.69 -4.73 0.00	34.20 -4.58 0.00	34.77 -4.65 0.00	35.82 -4.79 0.00	41.52 -5.03 0.00	47.04 -6.90 0.00	46.55 -8.52 -0.09	46.18 -8.86 0.00	45.80 -8.12 0.22	43.42 -7.51 1.57	42.99 -8.94 0.33	42.65 -7.78 0.41	39.92 -8.82 3.14	41.07 -9.46 4.46	43.02 -7.63 4.61	44.98 -8.85 1.49	47.78 -8.21 2.62	46.57 -8.29 3.08	41.43 -9.38 4.69	40.38 -7.30 7.59	39.12 -9.68 5.86	45.92 -8.29 0.00	47.18 -7.36 0.00
NIAGARA_115E_LBMP 323715	36.30 -5.09 0.00	34.57 -4.85 0.00	34.08 -4.69 0.00	34.65 -4.77 0.00	35.74 -4.88 0.00	41.43 -5.12 0.00	46.93 -7.01 0.00	46.55 -8.52 -0.09	46.13 -8.92 0.00	45.59 -8.34 0.22	43.69 -7.30 1.52	43.56 -8.36 0.33	42.55 -7.88 0.41	40.15 -8.71 3.01	41.42 -9.29 4.27	43.05 -7.79 4.42	45.21 -8.63 1.48	47.51 -8.50 2.60	46.51 -8.34 3.07	41.47 -9.54 4.48	40.83 -7.18 7.25	39.38 -9.68 5.60	45.81 -8.40 0.00	47.07 -7.47 0.00
NIAGARA_115W_LBMP 323714	36.34 -5.05 0.00	34.61 -4.81 0.00	34.12 -4.65 0.00	34.69 -4.73 0.00	35.78 -4.83 0.00	41.43 -5.12 0.00	46.93 -7.01 0.00	46.49 -8.58 -0.09	46.07 -8.97 0.00	45.75 -8.18 0.22	43.43 -7.51 1.57	42.88 -9.04 0.33	42.65 -7.78 0.41	39.88 -8.87 3.13	41.03 -9.51 4.44	42.99 -7.68 4.59	44.93 -8.91 1.48	47.75 -8.26 2.59	46.46 -8.40 3.07	41.40 -9.43 4.66	40.37 -7.35 7.55	39.11 -9.73 5.82	45.81 -8.40 0.00	47.07 -7.47 0.00
NIAGARA_230_LBMP 323716	36.76 -4.64 0.00	35.01 -4.41 0.00	34.51 -4.27 0.00	35.09 -4.34 0.00	36.19 -4.43 0.00	41.89 -4.65 0.00	47.52 -6.42 0.00	47.15 -7.92 -0.08	46.73 -8.31 0.00	45.87 -8.07 0.21	43.55 -7.46 1.50	43.63 -8.31 0.32	42.73 -7.73 0.39	40.53 -8.35 2.99	41.77 -8.96 4.25	43.23 -7.63 4.40	45.67 -8.19 1.46	47.89 -8.14 2.58	46.94 -7.93 3.05	42.27 -8.77 4.46	40.74 -7.30 7.23	40.00 -9.07 5.58	46.41 -7.81 0.00	47.67 -6.87 0.00
NIAGARA___115KV_198_GIBSON 55903	36.18 -5.22 0.00	34.61 -4.81 0.00	34.16 -4.61 0.00	34.46 -4.97 0.00	35.74 -4.87 0.00	41.43 -5.12 0.00	46.50 -7.44 0.00	46.60 -8.47 -0.09	46.24 -8.81 0.00	45.26 -8.66 0.22	43.49 -7.46 1.56	43.93 -8.00 0.33	42.40 -8.03 0.41	41.28 -7.47 3.13	42.74 -7.81 4.44	42.93 -7.74 4.59	45.42 -8.41 1.49	48.10 -7.91 2.59	46.51 -8.34 3.08	43.62 -7.22 4.67	40.20 -7.52 7.56	41.44 -7.38 5.83	45.87 -8.35 0.00	46.75 -7.80 0.00
NIAGARA___ 23760	36.76 -4.64 0.00	35.01 -4.41 0.00	34.51 -4.27 0.00	35.09 -4.34 0.00	36.19 -4.43 0.00	41.89 -4.65 0.00	47.52 -6.42 0.00	47.15 -7.92 -0.09	46.73 -8.31 0.00	45.86 -8.07 0.22	43.55 -7.46 1.50	43.62 -8.31 0.32	42.72 -7.73 0.40	40.53 -8.35 2.99	41.77 -8.96 4.25	43.23 -7.63 4.40	45.66 -8.19 1.47	47.88 -8.14 2.58	46.94 -7.93 3.06	42.27 -8.77 4.46	40.74 -7.30 7.23	40.00 -9.07 5.59	46.41 -7.81 0.00	47.67 -6.87 0.00
NINE_MILE_1 23575	39.66 -1.74 0.00	37.77 -1.65 0.00	37.18 -1.59 0.00	37.77 -1.65 0.00	38.91 -1.70 0.00	44.68 -1.86 0.00	51.78 -2.16 0.00	52.82 -2.20 -0.04	52.73 -2.31 0.00	51.82 -2.33 0.00	50.30 -2.20 0.00	49.96 -2.30 0.00	48.66 -2.18 0.00	49.55 -2.33 0.00	52.62 -2.36 0.00	53.11 -2.16 0.00	53.55 -2.21 -0.44	57.55 -2.23 -1.17	56.59 -2.20 -0.86	53.48 -2.28 -0.26	53.28 -2.16 -0.16	52.20 -2.46 0.00	51.83 -2.38 0.00	52.20 -2.34 0.00
NINE_MILE_2 23744	39.66 -1.74 0.00	37.77 -1.65 0.00	37.18 -1.59 0.00	37.77 -1.65 0.00	38.91 -1.70 0.00	44.68 -1.86 0.00	51.78 -2.16 0.00	52.82 -2.20 -0.04	52.78 -2.26 0.00	51.82 -2.33 0.00	50.30 -2.20 0.00	49.96 -2.30 0.00	48.66 -2.18 0.00	49.55 -2.33 0.00	52.62 -2.36 0.00	53.11 -2.16 0.00	53.55 -2.21 -0.44	57.55 -2.23 -1.17	56.58 -2.20 -0.86	53.48 -2.28 -0.26	53.28 -2.16 -0.16	52.25 -2.40 0.00	51.83 -2.38 0.00	52.20 -2.34 0.00
NM_CAPITAL___DRP 24208	43.05 1.66 0.00	40.96 1.54 0.00	40.25 1.47 0.00	40.96 1.54 0.00	42.16 1.54 0.00	48.36 1.82 0.00	56.10 2.16 0.00	58.29 2.42 -0.89	58.42 2.37 -1.02	58.26 2.27 -1.83	55.48 2.26 -0.72	55.28 2.30 -0.72	53.86 2.24 -0.78	54.93 2.23 -0.82	58.32 2.36 -0.98	59.23 2.65 -1.31	67.21 2.66 -9.24	85.40 2.81 -23.98	78.25 2.78 -17.54	63.32 2.66 -5.15	61.10 2.60 -3.23	56.95 2.30 0.00	56.44 2.22 0.00	56.67 2.13 0.00

NM_CENTRAL___DRP 24181	40.36 -1.03 0.00	38.44 -0.99 0.00	37.88 -0.89 0.00	38.48 -0.95 0.00	39.64 -0.97 0.00	45.62 -0.93 0.00	52.81 -1.13 0.00	54.05 -0.99 -0.06	53.94 -1.10 0.00	52.96 -1.19 0.00	51.35 -1.16 0.00	51.11 -1.15 0.00	49.72 -1.12 0.00	50.74 -1.14 0.00	53.88 -1.10 0.00	54.38 -0.88 0.00	55.02 -0.94 -0.63	59.50 -0.76 -1.66	58.27 -0.87 -1.21	54.97 -0.89 -0.36	54.55 -0.94 -0.22	53.51 -1.15 0.00	52.86 -1.36 0.00	53.18 -1.36 0.00
NM_FRONTIER___DRP 24179	36.18 -5.22 0.00	34.61 -4.81 0.00	34.16 -4.61 0.00	34.46 -4.97 0.00	35.74 -4.87 0.00	41.43 -5.12 0.00	46.50 -7.44 0.00	46.60 -8.47 -0.09	46.24 -8.81 0.00	45.26 -8.66 0.22	43.49 -7.46 1.56	43.93 -8.00 0.33	42.40 -8.03 0.41	41.28 -7.47 3.13	42.74 -7.81 4.44	42.93 -7.74 4.59	45.42 -8.41 1.49	48.10 -7.91 2.59	46.51 -8.34 3.08	43.62 -7.22 4.67	40.20 -7.52 7.56	41.44 -7.38 5.83	45.87 -8.35 0.00	46.75 -7.80 0.00
NM_ST_REGIS___HYD 24053	40.90 -0.50 0.00	38.95 -0.47 0.00	38.35 -0.43 0.00	38.95 -0.47 0.00	40.13 -0.49 0.00	45.57 -0.98 0.00	52.75 -1.19 0.00	53.44 -1.54 0.00	53.72 -1.32 0.00	53.01 -1.14 0.00	51.56 -0.95 0.00	51.26 -0.99 0.00	49.93 -0.92 0.00	50.89 -0.99 0.00	53.66 -1.32 0.00	53.49 -1.77 0.00	53.55 -1.77 0.00	56.55 -2.05 0.00	56.08 -1.85 0.00	53.84 -1.67 0.00	53.61 -1.66 0.00	53.51 -1.15 0.00	53.40 -0.81 0.00	53.89 -0.65 0.00
NORTHPORT___1 23551	45.13 3.73 -0.01	43.06 3.62 -0.01	42.28 3.49 -0.01	43.05 3.62 0.00	44.39 3.78 0.00	50.83 4.28 0.00	60.62 5.02 -1.66	71.94 5.61 -11.35	67.96 5.89 -7.03	67.36 4.93 -8.29	60.54 4.78 -3.26	60.59 5.07 -3.27	59.28 4.88 -3.55	61.78 5.29 -4.61	68.38 6.32 -7.08	71.79 6.24 -10.29	82.99 6.47 -21.20	102.13 6.50 -37.02	89.57 6.60 -25.04	87.60 6.21 -25.88	73.06 6.41 -11.38	71.02 5.58 -10.78	66.25 5.53 -6.51	64.35 5.18 -4.62
NORTHPORT___2 23552	45.13 3.73 -0.01	43.06 3.62 -0.01	42.28 3.49 -0.01	43.05 3.62 0.00	44.39 3.78 0.00	50.83 4.28 0.00	60.62 5.02 -1.66	71.94 5.61 -11.35	67.96 5.89 -7.03	67.36 4.93 -8.29	60.54 4.78 -3.26	60.59 5.07 -3.27	59.28 4.88 -3.55	61.78 5.29 -4.61	68.38 6.32 -7.08	71.79 6.24 -10.29	82.99 6.47 -21.20	102.13 6.50 -37.02	89.57 6.60 -25.04	87.60 6.21 -25.88	73.06 6.41 -11.38	71.02 5.58 -10.78	66.25 5.53 -6.51	64.35 5.18 -4.62
NORTHPORT___3 23553	44.71 3.31 -0.01	42.51 3.08 -0.01	41.77 2.99 -0.01	42.54 3.11 0.00	43.82 3.21 0.00	50.18 3.63 0.00	59.98 4.37 -1.67	71.32 4.95 -11.38	67.41 5.34 -7.03	67.10 4.66 -8.29	60.17 4.41 -3.26	60.07 4.54 -3.27	58.92 4.52 -3.55	61.31 4.83 -4.61	67.74 5.66 -7.09	70.87 5.31 -10.30	81.66 5.09 -21.25	101.02 5.33 -37.09	88.34 5.33 -25.08	86.40 4.94 -25.96	71.98 5.31 -11.40	70.33 4.86 -10.82	65.51 4.77 -6.53	63.70 4.52 -4.63
NORTHPORT___4 23650	44.71 3.31 -0.01	42.51 3.08 -0.01	41.77 2.99 -0.01	42.54 3.11 0.00	43.82 3.21 0.00	50.18 3.63 0.00	59.98 4.37 -1.67	71.32 4.95 -11.38	67.41 5.34 -7.03	67.10 4.66 -8.29	60.17 4.41 -3.26	60.07 4.54 -3.27	58.92 4.52 -3.55	61.31 4.83 -4.61	67.74 5.66 -7.09	70.87 5.31 -10.30	81.66 5.09 -21.25	101.02 5.33 -37.09	88.34 5.33 -25.08	86.40 4.94 -25.96	71.98 5.31 -11.40	70.33 4.86 -10.82	65.51 4.77 -6.53	63.70 4.52 -4.63
NORTHPORT___IC 23718	45.13 3.73 -0.01	42.90 3.47 -0.01	42.12 3.33 -0.01	42.81 3.39 0.00	43.87 3.25 0.00	50.46 3.91 0.00	60.89 5.29 -1.66	72.27 5.94 -11.35	67.85 5.78 -7.03	67.69 5.25 -8.29	60.96 5.20 -3.26	60.70 5.17 -3.27	59.38 4.98 -3.55	61.73 5.24 -4.61	67.95 5.88 -7.08	71.85 6.30 -10.29	83.07 6.47 -21.28	102.15 6.51 -37.03	89.59 6.60 -25.05	87.83 6.44 -25.89	73.17 6.52 -11.38	71.01 5.57 -10.78	66.14 5.42 -6.51	64.23 5.07 -4.62
NORTH___COUNTRY_ESR 323785	40.85 -0.54 0.00	38.87 -0.55 0.00	38.31 -0.46 0.00	38.87 -0.55 0.00	40.05 -0.57 0.00	45.71 -0.84 0.00	52.70 -1.24 0.00	53.50 -1.48 0.00	53.50 -1.54 0.00	52.96 -1.19 0.00	51.45 -1.05 0.00	51.26 -0.99 0.00	49.93 -0.91 0.00	50.95 -0.93 0.00	53.66 -1.32 0.00	53.60 -1.66 0.00	53.83 -1.49 0.00	56.97 -1.64 0.00	56.37 -1.56 0.00	54.56 -0.94 0.00	53.94 -1.33 0.00	54.00 -0.65 0.00	53.67 -0.54 0.00	54.27 -0.27 0.00
NPX_GEN_1385_PROXY 323591	45.58 4.18 -0.01	43.96 4.53 -0.01	43.17 4.38 -0.01	43.95 4.53 0.00	45.49 4.87 0.00	52.08 5.54 0.00	61.49 5.88 -1.66	72.59 6.27 -11.35	68.50 6.44 -7.03	67.15 4.71 -8.29	60.80 5.04 -3.26	61.17 5.65 -3.27	59.53 5.13 -3.55	61.98 5.50 -4.61	69.10 7.04 -7.08	72.40 6.85 -10.29	84.21 7.69 -21.20	102.66 7.03 -37.02	90.45 7.48 -25.04	88.43 7.05 -25.88	74.33 7.68 -11.38	71.94 6.50 -10.78	67.33 6.61 -6.51	65.11 5.95 -4.62
NPX_GEN_CSC 323557	46.12 4.72 -0.01	43.89 4.45 -0.01	43.13 4.34 -0.01	43.84 4.41 0.00	45.24 4.63 0.00	51.76 5.21 0.00	61.92 6.31 -1.68	73.50 7.10 -11.42	69.35 7.27 -7.04	68.72 6.28 -8.29	61.75 5.98 -3.26	61.64 6.11 -3.27	60.39 6.00 -3.55	62.98 6.48 -4.61	69.83 7.75 -7.10	73.37 7.79 -10.31	84.36 8.09 -21.30	103.84 8.11 -37.15	91.16 8.11 -25.12	89.64 8.10 -26.03	74.77 8.07 -11.43	72.66 7.16 -10.85	67.76 7.00 -6.54	65.90 6.71 -4.64
NSINS_S_GLNS_FALLS 23858	44.12 2.73 0.00	42.03 2.60 0.00	41.30 2.52 0.00	41.99 2.56 0.00	43.26 2.64 0.00	49.71 3.17 0.00	56.64 2.70 0.00	58.86 2.97 -0.91	58.80 2.81 -0.95	58.58 2.71 -1.72	55.75 2.57 -0.67	55.65 2.72 -0.68	54.12 2.54 -0.74	55.19 2.54 -0.77	58.65 2.75 -0.92	59.70 3.21 -1.23	68.01 3.21 -9.48	86.80 3.57 -24.62	79.53 3.59 -18.01	64.12 3.33 -5.29	61.84 3.26 -3.31	57.55 2.90 0.00	58.23 4.01 0.00	58.53 3.98 0.00
NUCOR_STEEL___DRP 24197	40.81 -0.58 0.00	38.87 -0.55 0.00	38.27 -0.50 0.00	38.87 -0.55 0.00	40.09 -0.53 0.00	46.13 -0.42 0.00	53.56 -0.38 0.00	54.74 -0.33 -0.08	54.55 -0.50 0.00	53.50 -0.65 0.00	51.87 -0.63 0.00	51.63 -0.63 0.00	50.23 -0.61 0.00	51.26 -0.62 0.00	54.43 -0.55 0.00	54.98 -0.28 0.00	55.89 -0.28 -0.85	60.96 0.12 -2.23	59.56 0.00 -1.63	55.87 -0.11 -0.48	55.35 -0.22 -0.30	54.16 -0.49 0.00	53.51 -0.70 0.00	53.78 -0.76 0.00
NUMBER_THREE_WT_PWR 323818	41.02 -0.37 0.00	39.11 -0.32 0.00	38.35 -0.43 0.00	39.03 -0.39 0.00	40.25 -0.37 0.00	46.27 -0.28 0.00	53.99 0.05 0.00	55.34 0.33 -0.02	55.32 0.28 0.00	54.20 0.05 0.00	52.45 -0.05 0.00	52.15 -0.10 0.00	50.84 0.00 0.00	51.78 -0.10 0.00	55.04 0.06 0.00	55.37 0.11 0.00	55.79 0.22 -0.25	59.56 0.29 -0.66	58.70 0.29 -0.48	55.87 0.22 -0.14	55.41 0.06 -0.09	54.55 -0.11 0.00	54.00 -0.22 0.00	54.22 -0.33 0.00
NYISO_LBMP_REFERENCE 24008	41.39 0.00 0.00	39.42 0.00 0.00	38.78 0.00 0.00	39.42 0.00 0.00	40.62 0.00 0.00	46.55 0.00 0.00	53.94 0.00 0.00	54.98 0.00 0.00	55.04 0.00 0.00	54.15 0.00 0.00	52.50 0.00 0.00	52.26 0.00 0.00	50.84 0.00 0.00	51.88 0.00 0.00	54.98 0.00 0.00	55.26 0.00 0.00	55.32 0.00 0.00	58.61 0.00 0.00	57.93 0.00 0.00	55.50 0.00 0.00	55.27 0.00 0.00	54.65 0.00 0.00	54.22 0.00 0.00	54.55 0.00 0.00

NYPA_BRENTWD____GT 24164	45.54 4.14 -0.01	43.37 3.94 -0.01	42.59 3.80 -0.01	43.33 3.90 0.00	44.72 4.10 0.00	51.16 4.61 0.00	61.13 5.50 -1.69	72.70 6.21 -11.50	68.59 6.49 -7.06	68.02 5.58 -8.29	61.12 5.36 -3.26	61.06 5.54 -3.27	59.84 5.44 -3.55	62.31 5.81 -4.62	69.02 6.93 -7.11	72.51 6.91 -10.34	83.81 7.08 -21.41	103.23 7.32 -37.30	90.50 7.36 -25.22	88.64 6.94 -26.21	73.72 6.96 -11.49	71.75 6.17 -10.92	66.87 6.07 -6.59	65.00 5.78 -4.67
NYPA_GOWANUS____GT5 24156	67.28 2.90 -22.99	66.28 2.68 -24.18	66.24 2.60 -24.87	66.24 2.72 -24.09	66.24 2.80 -22.82	66.25 2.98 -16.72	67.32 3.77 -9.61	73.05 4.67 -13.40	72.16 4.73 -12.38	72.25 4.38 -13.72	71.27 4.31 -14.46	71.27 4.39 -14.62	71.20 4.17 -16.19	71.16 4.51 -14.77	70.23 5.06 -10.19	71.51 4.81 -11.44	180.58 5.36 -119.89	236.41 5.68 -172.12	180.40 5.62 -116.85	175.92 5.16 -115.26	180.16 5.08 -119.81	78.70 4.48 -19.56	71.17 4.17 -12.78	69.05 3.98 -10.52
NYPA_GOWANUS____GT6 24157	67.28 2.90 -22.99	66.28 2.68 -24.18	66.24 2.60 -24.87	66.24 2.72 -24.09	66.24 2.80 -22.82	66.25 2.98 -16.72	67.32 3.77 -9.61	73.05 4.67 -13.40	72.16 4.73 -12.38	72.25 4.38 -13.72	71.27 4.31 -14.46	71.27 4.39 -14.62	71.20 4.17 -16.19	71.16 4.51 -14.77	70.23 5.06 -10.19	71.51 4.81 -11.44	180.58 5.36 -119.89	236.41 5.68 -172.12	180.40 5.62 -116.85	175.92 5.16 -115.26	180.16 5.08 -119.81	78.70 4.48 -19.56	71.17 4.17 -12.78	69.05 3.98 -10.52
NYPA_HARLEM__RVR__GT1 24160	44.04 2.65 0.00	41.87 2.45 0.00	41.26 2.48 0.00	42.15 2.72 -0.01	43.39 2.76 -0.01	49.54 2.98 -0.01	57.72 3.77 -0.01	60.29 4.62 -0.68	63.82 4.18 -4.60	66.29 3.85 -8.30	59.48 3.73 -3.25	59.38 3.87 -3.26	58.00 3.61 -3.55	59.54 3.94 -3.72	63.80 4.40 -4.42	65.47 4.26 -5.95	67.05 4.76 -6.97	81.88 5.04 -18.23	76.24 4.98 -13.33	63.96 4.55 -3.91	62.19 4.47 -2.44	58.70 4.04 0.00	58.01 3.79 0.00	58.26 3.71 0.00
NYPA_HARLEM__RVR__GT2 24161	44.04 2.65 0.00	41.87 2.45 0.00	41.26 2.48 0.00	42.15 2.72 -0.01	43.39 2.76 -0.01	49.54 2.98 -0.01	57.72 3.77 -0.01	60.29 4.62 -0.68	63.82 4.18 -4.60	66.29 3.85 -8.30	59.48 3.73 -3.25	59.38 3.87 -3.26	58.00 3.61 -3.55	59.54 3.94 -3.72	63.80 4.40 -4.42	65.47 4.26 -5.95	67.05 4.76 -6.97	81.88 5.04 -18.23	76.24 4.98 -13.33	63.96 4.55 -3.91	62.19 4.47 -2.44	58.70 4.04 0.00	58.01 3.79 0.00	58.26 3.71 0.00
NYPA_KENT____GT 24152	57.33 2.77 -13.16	55.82 2.56 -13.84	55.50 2.48 -14.24	55.82 2.60 -13.79	56.36 2.68 -13.07	59.01 2.89 -9.57	63.05 3.61 -5.50	67.45 4.51 -7.96	68.72 4.62 -9.06	69.83 4.28 -11.41	66.32 4.15 -9.67	66.25 4.23 -9.77	65.64 4.02 -10.79	66.29 4.36 -10.05	67.60 4.89 -7.72	69.05 4.69 -9.10	132.14 5.20 -71.62	170.45 5.51 -106.33	135.97 5.44 -72.60	128.10 4.94 -67.66	129.83 4.92 -69.64	70.23 4.37 -11.20	65.60 4.07 -7.32	64.39 3.82 -6.02
NYPA_POUCH1____GT 24155	67.24 2.85 -22.99	66.24 2.64 -24.18	66.24 2.60 -24.87	66.24 2.72 -24.09	66.20 2.76 -22.82	66.25 2.98 -16.72	67.26 3.72 -9.61	72.89 4.51 -13.40	71.99 4.57 -12.38	72.04 4.17 -13.72	71.11 4.15 -14.46	71.11 4.23 -14.62	71.04 4.02 -16.19	71.05 4.41 -14.77	70.06 4.89 -10.19	71.23 4.53 -11.44	180.41 5.20 -119.89	236.23 5.51 -172.12	180.23 5.44 -116.85	175.75 5.00 -115.26	180.00 4.92 -119.81	78.53 4.32 -19.56	71.06 4.07 -12.78	68.94 3.87 -10.52
NYPA_VERNON____GT2 24162	47.38 2.65 -3.33	45.37 2.45 -3.51	44.79 2.40 -3.61	45.44 2.53 -3.49	46.49 2.56 -3.31	51.72 2.75 -2.42	58.84 3.50 -1.39	61.90 4.40 -2.52	65.29 4.51 -5.73	67.41 4.17 -9.09	61.43 4.04 -4.88	61.35 4.18 -4.91	60.14 3.92 -5.39	61.47 4.25 -5.33	65.02 4.78 -5.26	66.66 4.64 -6.75	83.76 5.09 -23.35	104.55 5.39 -40.55	91.61 5.33 -28.35	80.39 4.83 -20.06	79.49 4.75 -19.47	61.70 4.21 -2.84	59.98 3.91 -1.85	59.78 3.71 -1.53
NYPA_VERNON____GT3 24163	47.38 2.65 -3.33	45.37 2.45 -3.51	44.79 2.40 -3.61	45.44 2.53 -3.49	46.49 2.56 -3.31	51.72 2.75 -2.42	58.84 3.50 -1.39	61.90 4.40 -2.52	65.29 4.51 -5.73	67.41 4.17 -9.09	61.43 4.04 -4.88	61.35 4.18 -4.91	60.14 3.92 -5.39	61.47 4.25 -5.33	65.02 4.78 -5.26	66.66 4.64 -6.75	83.76 5.09 -23.35	104.55 5.39 -40.55	91.61 5.33 -28.35	80.39 4.83 -20.06	79.49 4.75 -19.47	61.70 4.21 -2.84	59.98 3.91 -1.85	59.78 3.71 -1.53
NYPA__ASTORIA_CC1 323568	44.00 2.61 0.00	41.87 2.45 0.00	41.14 2.37 0.00	41.91 2.49 0.00	43.18 2.56 0.00	49.25 2.70 0.00	57.40 3.46 0.00	60.00 4.34 -0.68	64.05 4.41 -4.61	66.52 4.06 -8.31	59.70 3.94 -3.26	59.60 4.08 -3.27	58.26 3.86 -3.55	59.76 4.15 -3.73	64.08 4.67 -4.42	65.75 4.53 -5.96	67.28 4.98 -6.98	82.12 5.28 -18.24	76.48 5.22 -13.34	64.13 4.71 -3.91	62.42 4.70 -2.45	58.81 4.15 0.00	58.07 3.85 0.00	58.20 3.65 0.00
NYPA__ASTORIA_CC2 323569	44.00 2.61 0.00	41.87 2.45 0.00	41.14 2.37 0.00	41.91 2.49 0.00	43.18 2.56 0.00	49.25 2.70 0.00	57.40 3.46 0.00	60.00 4.34 -0.68	64.05 4.41 -4.61	66.52 4.06 -8.31	59.70 3.94 -3.26	59.60 4.08 -3.27	58.26 3.86 -3.55	59.76 4.15 -3.73	64.08 4.67 -4.42	65.75 4.53 -5.96	67.28 4.98 -6.98	82.12 5.28 -18.24	76.48 5.22 -13.34	64.13 4.71 -3.91	62.42 4.70 -2.45	58.81 4.15 0.00	58.07 3.85 0.00	58.20 3.65 0.00
NYPA__HOLTSVILL 23794	45.34 3.93 -0.01	43.14 3.70 -0.01	42.39 3.61 -0.01	43.13 3.70 0.00	44.48 3.86 0.00	50.92 4.37 0.00	60.79 5.18 -1.67	72.28 5.89 -11.41	68.19 6.11 -7.04	67.69 5.25 -8.29	60.80 5.04 -3.26	60.75 5.23 -3.27	59.53 5.13 -3.55	62.04 5.55 -4.61	68.67 6.59 -7.09	72.09 6.52 -10.31	83.30 6.69 -21.29	102.59 6.85 -37.13	89.93 6.89 -25.11	88.12 6.60 -26.02	73.32 6.63 -11.42	71.35 5.85 -10.84	66.56 5.80 -6.54	64.69 5.51 -4.64
NYPA__HELLGATE_GT1 24158	44.04 2.65 0.00	41.87 2.45 0.00	41.26 2.48 0.00	42.15 2.72 -0.01	43.39 2.76 -0.01	49.54 2.98 -0.01	57.72 3.77 -0.01	60.29 4.62 -0.68	63.82 4.18 -4.60	66.29 3.85 -8.30	59.48 3.73 -3.25	59.38 3.87 -3.26	58.00 3.61 -3.55	59.54 3.94 -3.72	63.80 4.40 -4.42	65.47 4.26 -5.95	67.05 4.76 -6.97	81.88 5.04 -18.23	76.24 4.98 -13.33	63.96 4.55 -3.91	62.19 4.47 -2.44	58.70 4.04 0.00	58.01 3.79 0.00	58.26 3.71 0.00
NYPA__HELLGATE_GT2 24159	44.04 2.65 0.00	41.87 2.45 0.00	41.26 2.48 0.00	42.15 2.72 -0.01	43.39 2.76 -0.01	49.54 2.98 -0.01	57.72 3.77 -0.01	60.29 4.62 -0.68	63.82 4.18 -4.60	66.29 3.85 -8.30	59.48 3.73 -3.25	59.38 3.87 -3.26	58.00 3.61 -3.55	59.54 3.94 -3.72	63.80 4.40 -4.42	65.47 4.26 -5.95	67.05 4.76 -6.97	81.88 5.04 -18.23	76.24 4.98 -13.33	63.96 4.55 -3.91	62.19 4.47 -2.44	58.70 4.04 0.00	58.01 3.79 0.00	58.26 3.71 0.00
NYS_BARGE__HYD 23848	37.00 -4.39 0.00	35.21 -4.22 0.00	34.74 -4.03 0.00	35.32 -4.10 0.00	36.43 -4.18 0.00	42.27 -4.28 0.00	47.95 -5.99 0.00	47.65 -7.42 -0.09	47.28 -7.76 0.00	46.58 -7.36 0.21	44.52 -6.56 1.42	44.43 -7.52 0.31	43.35 -7.12 0.38	41.33 -7.73 2.82	42.74 -8.25 3.99	44.27 -6.85 4.14	46.48 -7.52 1.32	48.98 -7.33 2.30	48.00 -7.19 2.75	43.03 -8.33 4.15	42.21 -6.30 6.76	40.83 -8.58 5.25	46.84 -7.37 0.00	48.05 -6.49 0.00

OAK ORCHARD___HYD 24046	38.74 -2.65 0.00	36.98 -2.44 0.00	36.41 -2.37 0.00	36.98 -2.44 0.00	38.14 -2.48 0.00	44.08 -2.47 0.00	50.65 -3.29 0.00	51.06 -4.01 -0.09	50.81 -4.24 0.00	49.87 -4.28 0.00	48.62 -3.88 0.00	47.55 -4.70 0.00	46.83 -4.02 0.00	47.22 -4.67 -0.01	50.15 -4.84 -0.01	51.46 -3.81 -0.01	52.01 -4.21 -0.89	57.20 -3.75 -2.35	55.82 -3.83 -1.71	51.75 -4.27 -0.53	52.24 -3.37 -0.34	49.97 -4.70 -0.01	50.04 -4.17 0.00	50.83 -3.71 0.00
OAKDALE___35_KV_LOAD 356122	40.85 -0.54 0.00	38.91 -0.51 0.00	38.31 -0.47 0.00	38.91 -0.51 0.00	40.13 -0.49 0.00	46.22 -0.33 0.00	53.51 -0.43 0.00	54.65 -0.55 -0.22	54.11 -0.50 0.44	52.71 -0.65 0.79	51.46 -0.74 0.31	51.27 -0.68 0.31	49.79 -0.71 0.34	50.79 -0.73 0.36	53.95 -0.60 0.43	54.30 -0.39 0.57	57.49 -0.17 -2.34	64.64 -0.12 -6.15	62.51 0.06 -4.52	56.45 -0.33 -1.28	55.68 -0.39 -0.80	53.88 -0.77 0.01	53.46 -0.76 0.00	53.84 -0.71 0.00
OCC_CHEM___DRP 24175	36.26 -5.13 0.00	34.65 -4.77 0.00	34.20 -4.58 0.00	34.53 -4.89 0.00	35.82 -4.79 0.00	41.52 -5.03 0.00	46.60 -7.34 0.00	46.71 -8.36 -0.09	46.35 -8.70 0.00	45.37 -8.56 0.22	43.53 -7.40 1.57	43.98 -7.94 0.33	42.45 -7.98 0.41	41.32 -7.42 3.14	42.72 -7.81 4.46	42.97 -7.68 4.61	45.47 -8.35 1.49	48.13 -7.85 2.62	46.57 -8.28 3.08	43.60 -7.22 4.69	40.22 -7.46 7.59	41.47 -7.32 5.86	45.98 -8.24 0.00	46.85 -7.69 0.00
OH_GEN_PROXY 24063	36.84 -4.55 0.00	35.13 -4.30 0.00	34.63 -4.15 0.00	35.21 -4.22 0.00	36.27 -4.35 0.00	41.99 -4.56 0.00	47.68 -6.26 0.00	47.37 -7.70 -0.08	47.00 -8.04 0.00	46.11 -7.85 0.19	43.94 -7.25 1.32	43.88 -8.10 0.28	42.97 -7.52 0.34	41.10 -8.14 2.64	42.55 -8.69 3.74	43.98 -7.40 3.88	46.20 -7.97 1.15	48.78 -7.91 1.91	47.80 -7.70 2.42	43.08 -8.55 3.88	41.80 -7.13 6.34	40.93 -8.80 4.92	46.63 -7.59 0.00	47.83 -6.71 0.00
OLIN_CORP_DRP 24177	36.22 -5.17 0.00	34.65 -4.77 0.00	34.20 -4.58 0.00	34.53 -4.89 0.00	35.78 -4.83 0.00	41.52 -5.03 0.00	46.66 -7.28 0.00	46.71 -8.36 -0.09	46.40 -8.64 0.00	45.42 -8.50 0.23	43.50 -7.46 1.55	44.03 -7.89 0.34	42.75 -7.68 0.42	41.27 -7.52 3.09	42.69 -7.92 4.38	42.93 -7.79 4.54	45.62 -8.19 1.52	47.86 -8.03 2.71	46.58 -8.23 3.13	43.62 -7.27 4.61	40.31 -7.52 7.45	41.47 -7.43 5.75	46.03 -8.19 0.00	46.85 -7.69 0.00
OLIN_CORP_DSASP 323712	36.42 -4.97 0.00	34.69 -4.73 0.00	34.20 -4.58 0.00	34.77 -4.65 0.00	35.82 -4.79 0.00	41.52 -5.03 0.00	47.04 -6.90 0.00	46.55 -8.52 -0.09	46.18 -8.86 0.00	45.80 -8.12 0.22	43.42 -7.51 1.57	42.99 -8.94 0.33	42.65 -7.78 0.41	39.92 -8.82 3.14	41.07 -9.46 4.46	43.02 -7.63 4.61	44.98 -8.85 1.49	47.78 -8.21 2.62	46.57 -8.29 3.08	41.43 -9.38 4.69	40.38 -7.30 7.59	39.12 -9.68 5.86	45.92 -8.29 0.00	47.18 -7.36 0.00
ONEIDA_HERK_LFGE 323681	41.81 0.41 0.00	39.86 0.43 0.00	39.12 0.35 0.00	39.82 0.39 0.00	41.02 0.41 0.00	47.20 0.65 0.00	54.96 1.02 0.00	56.32 1.32 -0.02	56.31 1.27 0.00	55.18 1.03 0.00	53.34 0.84 0.00	53.14 0.89 0.00	51.81 0.96 0.00	52.76 0.88 0.00	56.14 1.16 0.00	56.47 1.21 0.00	56.75 1.22 -0.21	60.52 1.35 -0.57	59.68 1.33 -0.42	56.79 1.17 -0.12	56.39 1.05 -0.08	55.48 0.82 0.00	54.98 0.76 0.00	55.20 0.66 0.00
ONEIDA___115KV_TB4 55905	42.14 0.75 0.00	40.17 0.75 0.00	39.47 0.70 0.00	40.17 0.75 0.00	41.43 0.81 0.00	47.71 1.16 0.00	55.56 1.62 0.00	57.11 2.09 -0.04	57.02 1.98 0.00	55.88 1.73 0.00	54.08 1.58 0.00	53.82 1.57 0.00	52.42 1.58 0.00	53.44 1.56 0.00	56.85 1.87 0.00	57.25 1.99 0.00	57.59 1.83 -0.44	61.66 1.99 -1.06	60.62 1.91 -0.78	57.45 1.72 -0.23	56.96 1.55 -0.14	55.97 1.31 0.00	55.36 1.14 0.00	55.64 1.09 0.00
ONONDAGA_REF_OCCRA 23987	40.61 -0.79 0.00	38.67 -0.75 0.00	38.08 -0.70 0.00	38.67 -0.75 0.00	39.84 -0.77 0.00	45.85 -0.70 0.00	53.18 -0.76 0.00	54.45 -0.60 -0.08	54.27 -0.77 0.00	53.28 -0.87 0.00	51.66 -0.84 0.00	51.42 -0.84 0.00	49.98 -0.86 0.00	51.05 -0.83 0.00	54.21 -0.77 0.00	54.71 -0.55 0.00	55.54 -0.55 -0.77	60.29 -0.35 -2.03	59.01 -0.41 -1.49	55.44 -0.50 -0.44	54.99 -0.55 -0.27	53.83 -0.82 0.00	53.24 -0.98 0.00	53.51 -1.04 0.00
ONONDAGA___COGEN 23986	40.61 -0.79 0.00	38.67 -0.75 0.00	38.12 -0.66 0.00	38.71 -0.71 0.00	39.88 -0.73 0.00	45.85 -0.70 0.00	53.24 -0.70 0.00	54.45 -0.60 -0.07	54.27 -0.77 0.00	53.28 -0.87 0.00	51.72 -0.79 0.00	51.47 -0.78 0.00	50.03 -0.81 0.00	51.05 -0.83 0.00	54.21 -0.77 0.00	54.71 -0.55 0.00	55.49 -0.55 -0.72	60.15 -0.35 -1.90	58.91 -0.41 -1.39	55.46 -0.44 -0.41	54.97 -0.55 -0.26	53.89 -0.77 0.00	53.29 -0.92 0.00	53.56 -0.98 0.00
ONTARIO___LFGE 23819	40.15 -1.24 0.00	38.24 -1.18 0.00	37.73 -1.05 0.00	38.36 -1.06 0.00	39.56 -1.06 0.00	45.76 -0.79 0.00	53.07 -0.87 0.00	53.71 -1.37 -0.10	53.44 -1.60 0.00	52.42 -1.90 -0.16	51.81 -1.84 -1.14	50.72 -1.78 -0.24	49.06 -2.09 -0.30	52.13 -2.02 -2.27	56.28 -1.93 -3.22	57.27 -1.33 -3.34	57.09 -1.27 -3.04	64.69 -0.94 -7.03	63.14 -0.81 -6.02	58.17 -1.66 -4.33	60.07 -1.27 -6.07	56.97 -1.91 -4.23	52.48 -1.74 0.00	52.96 -1.58 0.00
ORANGEVILLE_WT_PWR 323706	37.46 -3.93 0.00	35.68 -3.75 0.00	35.25 -3.53 0.00	35.91 -3.51 0.00	37.12 -3.49 0.00	43.15 -3.40 0.00	49.35 -4.59 0.00	49.49 -5.61 -0.11	49.15 -5.89 0.00	47.25 -5.96 0.94	40.21 -5.67 6.63	44.94 -5.91 1.41	43.00 -6.10 1.74	32.72 -5.96 13.19	30.00 -6.27 18.71	30.41 -5.47 19.38	39.99 -5.42 9.91	32.30 -5.57 20.74	32.74 -5.16 20.03	27.99 -6.44 21.08	17.14 -5.41 32.71	23.24 -6.83 24.58	48.15 -6.07 0.00	48.98 -5.56 0.00
ORANGEVILLE___ESR 323794	37.46 -3.93 0.00	35.68 -3.75 0.00	35.25 -3.53 0.00	35.91 -3.51 0.00	37.12 -3.49 0.00	43.15 -3.40 0.00	49.35 -4.59 0.00	49.49 -5.61 -0.11	49.15 -5.89 0.00	47.25 -5.96 0.94	40.21 -5.67 6.63	44.94 -5.91 1.41	43.00 -6.10 1.74	32.72 -5.96 13.19	30.00 -6.27 18.71	30.41 -5.47 19.38	39.99 -5.42 9.91	32.30 -5.57 20.74	32.74 -5.16 20.03	27.99 -6.44 21.08	17.14 -5.41 32.71	23.24 -6.83 24.58	48.15 -6.07 0.00	48.98 -5.56 0.00
OSWEGATCHIE___HYD 24044	40.52 -0.87 0.00	38.59 -0.83 0.00	37.92 -0.85 0.00	38.56 -0.87 0.00	39.76 -0.85 0.00	45.43 -1.12 0.00	52.80 -1.14 0.00	53.90 -1.10 -0.02	53.88 -1.16 0.00	53.01 -1.14 0.00	51.40 -1.11 0.00	51.11 -1.15 0.00	49.83 -1.02 0.00	50.74 -1.14 0.00	53.72 -1.26 0.00	53.82 -1.44 0.00	54.18 -1.33 -0.18	57.69 -1.41 -0.49	56.89 -1.39 -0.36	54.50 -1.11 -0.10	53.96 -1.38 -0.07	53.56 -1.09 0.00	53.08 -1.14 0.00	53.40 -1.15 0.00
OSWEGO___5 23606	39.94 -1.45 0.00	38.04 -1.38 0.00	37.46 -1.32 0.00	38.08 -1.34 0.00	39.19 -1.42 0.00	45.06 -1.49 0.00	52.21 -1.73 0.00	53.27 -1.76 -0.05	53.17 -1.87 0.00	52.25 -1.90 0.00	50.66 -1.84 0.00	50.32 -1.93 0.00	49.01 -1.83 0.00	49.96 -1.92 0.00	53.06 -1.93 0.00	53.55 -1.71 0.00	54.06 -1.77 -0.51	58.26 -1.70 -1.36	57.24 -1.68 -0.99	53.96 -1.83 -0.29	53.74 -1.71 -0.18	52.63 -2.02 0.00	52.27 -1.95 0.00	52.63 -1.91 0.00

OSWEGO___6 23613	39.94 -1.45 0.00	38.04 -1.38 0.00	37.46 -1.32 0.00	38.08 -1.34 0.00	39.19 -1.42 0.00	45.06 -1.49 0.00	52.21 -1.73 0.00	53.27 -1.76 -0.05	53.17 -1.87 0.00	52.25 -1.90 0.00	50.66 -1.84 0.00	50.32 -1.93 0.00	49.01 -1.83 0.00	49.96 -1.92 0.00	53.06 -1.93 0.00	53.55 -1.71 0.00	54.06 -1.77 -0.51	58.26 -1.70 -1.36	57.24 -1.68 -0.99	53.96 -1.83 -0.29	53.74 -1.71 -0.18	52.63 -2.02 0.00	52.27 -1.95 0.00	52.63 -1.91 0.00
OUTOKUMPU-AB___DRP 24206	37.13 -4.26 0.00	35.44 -3.98 0.00	34.98 -3.80 0.00	35.36 -4.06 0.00	36.72 -3.90 0.00	42.59 -3.96 0.00	47.90 -6.04 0.00	47.93 -7.15 -0.09	47.78 -7.27 0.00	46.71 -7.20 0.24	44.49 -6.35 1.66	45.26 -6.64 0.36	43.74 -6.66 0.44	42.17 -6.38 3.33	43.61 -6.65 4.72	43.85 -6.52 4.89	46.86 -6.80 1.66	49.07 -6.51 3.03	47.85 -6.66 3.42	44.48 -6.05 4.98	40.87 -6.36 8.04	42.11 -6.34 6.20	47.33 -6.89 0.00	48.05 -6.49 0.00
OXBOW___BTM 323836	36.92 -4.47 0.00	35.13 -4.30 0.00	34.63 -4.15 0.00	35.24 -4.18 0.00	36.35 -4.26 0.00	42.12 -4.42 0.00	47.74 -6.20 0.00	47.37 -7.70 -0.09	47.00 -8.04 0.00	46.45 -7.47 0.23	44.06 -6.82 1.62	43.86 -8.05 0.35	43.25 -7.17 0.43	40.66 -7.99 3.24	41.82 -8.58 4.59	43.54 -6.96 4.76	45.84 -7.91 1.57	48.33 -7.44 2.83	47.27 -7.42 3.25	42.12 -8.55 4.84	40.82 -6.63 7.82	39.77 -8.85 6.03	46.68 -7.53 0.00	47.83 -6.71 0.00
OXBOW____ 24026	36.76 -4.64 0.00	35.13 -4.30 0.00	34.67 -4.11 0.00	35.01 -4.42 0.00	36.31 -4.31 0.00	42.12 -4.42 0.00	47.31 -6.63 0.00	47.37 -7.70 -0.09	47.17 -7.87 0.00	46.12 -7.80 0.23	44.06 -6.83 1.62	44.70 -7.21 0.35	43.15 -7.27 0.43	41.85 -6.80 3.24	43.24 -7.15 4.59	43.49 -7.02 4.76	46.28 -7.47 1.58	48.68 -7.09 2.83	47.32 -7.36 3.25	44.12 -6.55 4.84	40.60 -6.85 7.82	41.90 -6.72 6.03	46.73 -7.48 0.00	47.51 -7.04 0.00
OXY_CHEM_DSASP 323612	36.26 -5.13 0.00	34.65 -4.77 0.00	34.20 -4.58 0.00	34.53 -4.89 0.00	35.82 -4.79 0.00	41.52 -5.03 0.00	46.60 -7.34 0.00	46.71 -8.36 -0.09	46.35 -8.70 0.00	45.37 -8.56 0.22	43.53 -7.40 1.57	43.98 -7.94 0.33	42.45 -7.98 0.41	41.32 -7.42 3.14	42.72 -7.81 4.46	42.97 -7.68 4.61	45.47 -8.35 1.49	48.13 -7.85 2.62	46.57 -8.28 3.08	43.60 -7.22 4.69	40.22 -7.46 7.59	41.47 -7.32 5.86	45.98 -8.24 0.00	46.85 -7.69 0.00
OZONE_PARK_ESR 323760	44.21 2.81 0.00	42.03 2.60 0.00	41.22 2.44 0.00	42.06 2.64 0.00	43.26 2.64 0.00	49.57 3.03 0.00	58.04 4.10 0.00	60.66 5.00 -0.68	64.55 4.90 -4.61	67.12 4.66 -8.32	60.02 4.25 -3.26	59.81 4.29 -3.27	58.62 4.22 -3.56	59.87 4.25 -3.74	63.97 4.56 -4.43	66.25 5.03 -5.97	67.73 5.37 -7.05	82.54 5.68 -18.25	76.95 5.68 -13.35	64.69 5.27 -3.92	62.92 5.20 -2.45	58.97 4.32 0.00	58.17 3.96 0.00	58.36 3.82 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	36.26 -5.13 0.00	34.65 -4.77 0.00	34.20 -4.58 0.00	34.53 -4.89 0.00	35.82 -4.79 0.00	41.52 -5.03 0.00	46.60 -7.34 0.00	46.71 -8.36 -0.09	46.35 -8.70 0.00	45.37 -8.56 0.22	43.53 -7.40 1.57	43.98 -7.94 0.33	42.45 -7.98 0.41	41.32 -7.42 3.14	42.72 -7.81 4.46	42.97 -7.68 4.61	45.47 -8.35 1.49	48.13 -7.85 2.62	46.57 -8.28 3.08	43.60 -7.22 4.69	40.22 -7.46 7.59	41.47 -7.32 5.86	45.98 -8.24 0.00	46.85 -7.69 0.00
PACKARD__115KV_DUPONT_184 80571	36.26 -5.13 0.00	34.65 -4.77 0.00	34.20 -4.58 0.00	34.53 -4.89 0.00	35.82 -4.79 0.00	41.52 -5.03 0.00	46.60 -7.34 0.00	46.71 -8.36 -0.09	46.35 -8.70 0.00	45.37 -8.56 0.22	43.53 -7.40 1.57	43.98 -7.94 0.33	42.45 -7.98 0.41	41.32 -7.42 3.14	42.72 -7.81 4.46	42.97 -7.68 4.61	45.47 -8.35 1.49	48.13 -7.85 2.62	46.57 -8.28 3.08	43.60 -7.22 4.69	40.22 -7.46 7.59	41.47 -7.32 5.86	45.98 -8.24 0.00	46.85 -7.69 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	44.08 2.69 0.00	41.91 2.48 0.00	41.14 2.37 0.00	42.10 2.68 0.00	43.34 2.72 0.00	49.48 2.93 0.00	57.88 3.94 0.00	60.50 4.84 -0.68	63.72 4.07 -4.61	66.30 3.84 -8.31	59.38 3.62 -3.26	59.18 3.66 -3.27	58.01 3.61 -3.55	59.29 3.68 -3.73	63.31 3.90 -4.42	65.58 4.37 -5.96	66.96 4.59 -7.05	81.78 4.92 -18.25	76.14 4.87 -13.35	63.97 4.55 -3.92	62.20 4.48 -2.45	58.42 3.77 0.00	57.79 3.58 0.00	58.20 3.65 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	44.41 3.02 0.00	42.22 2.80 0.00	41.45 2.68 0.00	42.46 3.04 0.00	43.66 3.05 0.00	49.85 3.30 0.00	58.31 4.37 0.00	60.94 5.28 -0.68	64.16 4.51 -4.61	66.73 4.28 -8.31	59.75 3.99 -3.26	59.50 3.97 -3.27	58.31 3.91 -3.55	59.61 3.99 -3.73	63.64 4.23 -4.42	65.97 4.75 -5.96	67.40 5.03 -7.05	82.19 5.33 -18.25	76.55 5.27 -13.35	64.41 5.00 -3.92	62.59 4.86 -2.45	58.81 4.15 0.00	58.23 4.01 0.00	58.64 4.09 0.00
PATROON__115KV_TB1 80586	43.09 1.70 0.00	41.00 1.58 0.00	40.29 1.51 0.00	40.96 1.54 0.00	42.20 1.58 0.00	48.41 1.86 0.00	56.15 2.21 0.00	58.35 2.47 -0.89	58.46 2.42 -0.99	55.52 2.31 -1.79	55.36 2.40 -0.70	53.90 2.29 -0.77	55.02 2.33 -0.80	58.35 2.42 -0.95	59.25 2.71 -1.28	67.32 2.71 -9.28	85.64 2.93 -24.11	78.46 2.90 -17.63	63.40 2.72 -5.18	61.17 2.65 -3.24	57.06 2.40 0.00	56.55 2.33 0.00	56.78 2.24 0.00	
PATTRSNVILLE___SOLAR 323815	43.01 1.61 0.00	40.96 1.54 0.00	40.25 1.47 0.00	40.92 1.50 0.00	42.20 1.58 0.00	48.46 1.91 0.00	56.31 2.37 0.00	58.45 2.53 -0.93	58.32 2.42 -0.85	57.80 2.11 -1.54	55.10 1.99 -0.60	54.85 1.99 -0.61	53.33 1.83 -0.66	54.39 1.81 -0.69	57.89 2.09 -0.82	58.79 2.43 -1.11	67.59 2.60 -9.67	86.69 2.81 -25.27	79.31 2.90 -18.48	63.48 2.55 -5.43	61.21 2.54 -3.40	57.06 2.40 0.00	56.55 2.33 0.00	56.84 2.29 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	38.04 -3.35 0.00	36.27 -3.15 0.00	35.83 -2.95 0.00	36.27 -3.15 0.00	37.61 -3.01 0.00	43.66 -2.89 0.00	49.36 -4.58 0.00	48.60 -6.49 -0.10	49.59 -5.45 0.00	48.38 -5.52 0.25	45.11 -5.67 1.72	46.77 -5.12 0.37	45.15 -5.24 0.46	43.05 -5.40 3.44	44.72 -5.39 4.87	44.74 -5.47 5.05	49.26 -4.43 1.64	50.24 -5.33 3.03	50.55 -4.00 3.38	44.80 -5.61 5.09	41.14 -5.86 8.28	42.24 -6.01 6.41	48.90 -5.31 0.00	49.47 -5.07 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	44.29 2.90 0.00	42.14 2.72 0.00	41.37 2.60 0.00	42.18 2.76 0.00	43.38 2.76 0.00	49.67 3.12 0.00	57.93 3.99 0.00	60.51 4.84 -0.69	61.96 4.84 -2.07	62.33 4.44 -3.74	58.07 4.10 -1.47	57.86 4.13 -1.47	56.51 4.07 -1.60	57.76 4.20 -1.68	61.48 4.51 -1.99	63.03 5.08 -2.68	67.85 5.37 -7.16	82.75 5.74 -18.40	77.06 5.68 -13.45	64.72 5.27 -3.95	62.88 5.14 -2.47	58.92 4.26 0.00	58.17 3.96 0.00	58.31 3.76 0.00
PEEKSKILL____ 23653	43.67 2.28 0.00	41.51 2.09 0.00	40.79 2.02 0.00	41.51 2.09 0.00	42.77 2.15 0.00	48.97 2.42 0.00	56.96 3.02 0.00	59.38 3.74 -0.66	64.01 4.02 -4.95	66.71 3.63 -8.93	59.47 3.46 -3.50	59.33 3.56 -3.51	58.02 3.35 -3.82	59.58 3.68 -4.01	63.92 4.18 -4.76	65.92 4.26 -6.41	66.55 4.32 -6.91	81.28 4.63 -18.05	75.71 4.58 -13.20	63.48 4.11 -3.87	61.73 4.03 -2.42	58.10 3.45 0.00	57.41 3.20 0.00	57.43 2.89 0.00

PGE MADISON___WINDPWR 24146	43.50 2.11 0.00	41.55 2.13 0.00	40.64 1.86 0.00	41.47 2.05 0.00	42.77 2.15 0.00	49.62 3.07 0.00	58.15 4.21 0.00	64.31 9.07 -0.26	63.12 8.58 0.50	60.82 7.58 0.91	59.02 6.88 0.36	58.32 6.43 0.36	56.76 6.30 0.39	57.90 6.43 0.41	62.46 7.97 0.49	63.17 8.57 0.66	67.85 9.74 -2.79	70.15 5.68 -5.86	67.96 5.74 -4.29	61.51 4.77 -1.24	60.74 4.70 -0.77	58.59 3.94 0.00	57.79 3.58 0.00	58.14 3.60 0.00
PIERCEFIELD___HYD 23852	40.73 -0.66 0.00	38.79 -0.63 0.00	38.19 -0.58 0.00	38.79 -0.63 0.00	39.97 -0.65 0.00	45.34 -1.21 0.00	52.54 -1.40 0.00	53.22 -1.76 0.00	53.45 -1.60 0.00	52.74 -1.41 0.00	51.24 -1.26 0.00	50.95 -1.31 0.00	49.67 -1.17 0.00	50.58 -1.30 0.00	53.44 -1.54 0.00	53.22 -2.04 0.00	53.22 -2.10 0.00	56.20 -2.40 0.00	55.67 -2.26 0.00	53.45 -2.05 0.00	53.28 -1.99 0.00	53.18 -1.48 0.00	53.08 -1.14 0.00	53.51 -1.04 0.00
PINELAWN_CC_1 323563	45.13 3.73 -0.01	42.94 3.51 -0.01	42.20 3.41 -0.01	42.93 3.51 0.00	44.27 3.66 0.00	50.69 4.14 0.00	60.66 4.96 -1.76	72.53 5.61 -11.94	68.09 5.89 -7.16	67.58 5.15 -8.29	60.59 4.83 -3.26	60.54 5.02 -3.27	59.33 4.93 -3.55	61.82 5.29 -4.65	68.46 6.27 -7.21	71.50 5.75 -10.50	83.12 5.81 -21.99	102.53 5.86 -38.07	89.47 5.85 -25.69	88.21 5.60 -27.11	72.82 5.75 -11.80	71.04 5.08 -11.30	66.40 5.37 -6.82	64.51 5.13 -4.84
PJM_GEN_HTP_PROXY 323702	43.83 2.44 0.00	41.71 2.29 0.00	40.95 2.17 0.00	41.67 2.25 0.00	42.93 2.31 0.00	49.11 2.56 0.00	57.23 3.29 0.00	59.78 4.13 -0.68	64.12 4.46 -4.62	66.59 4.11 -8.33	59.66 3.89 -3.27	59.50 3.97 -3.28	58.17 3.76 -3.56	59.72 4.10 -3.74	64.04 4.62 -4.43	65.93 4.69 -5.97	67.17 4.87 -6.98	82.00 5.16 -18.23	76.36 5.10 -13.34	64.02 4.60 -3.91	62.25 4.53 -2.45	58.53 3.88 0.00	57.79 3.58 0.00	57.87 3.33 0.00
PJM_GEN_KEystone 24065	33.92 -0.54 6.94	32.10 -0.55 6.77	30.26 -0.54 7.97	28.70 -0.51 10.21	30.39 -0.53 9.70	36.66 -0.47 9.42	46.25 -0.70 6.99	54.58 -0.77 -0.37	48.21 -0.72 6.12	39.77 -0.92 13.46	42.42 -0.89 9.19	38.15 -0.84 13.27	36.18 -1.12 13.54	37.21 -0.78 13.89	38.17 -0.66 16.15	44.60 -0.44 10.22	49.70 -0.28 5.35	64.03 -0.29 -5.72	53.90 -0.06 3.97	48.60 -0.89 6.01	47.60 -0.61 7.06	45.40 -1.25 8.00	42.67 -1.08 10.46	41.40 -0.98 12.17
PJM_GEN_NEPTUNE_PROXY 323594	44.46 3.06 -0.01	42.31 2.88 -0.01	41.58 2.79 -0.01	42.34 2.92 0.00	43.58 2.96 0.00	49.90 3.35 0.00	59.66 4.10 -1.62	70.72 4.67 -11.06	67.01 5.01 -6.96	66.82 4.38 -8.29	59.91 4.15 -3.26	59.86 4.33 -3.27	58.61 4.22 -3.55	61.00 4.57 -4.56	67.23 5.33 -6.92	70.59 5.31 -10.02	81.46 5.31 -20.83	100.70 5.57 -36.52	88.22 5.56 -24.73	85.96 5.16 -25.30	71.29 5.19 -10.83	69.37 4.59 -10.12	64.77 4.45 -6.11	63.08 4.20 -4.34
PJM_GEN_VFT_PROXY 323633	42.63 2.11 0.87	40.48 1.97 0.92	39.73 1.90 0.94	40.48 1.97 0.91	41.78 2.03 0.87	48.11 2.19 0.62	56.50 2.91 0.35	58.93 3.74 -0.21	61.48 4.07 -2.36	61.48 3.73 -3.60	58.92 3.57 -2.85	58.77 3.66 -2.85	57.39 3.46 -3.09	58.99 3.79 -3.33	63.44 4.23 -4.22	65.39 4.36 -5.77	62.60 4.54 -2.74	75.87 4.81 -12.46	72.13 4.75 -9.45	59.51 4.27 0.26	57.51 4.20 1.95	57.48 3.55 0.73	57.00 3.25 0.47	57.10 2.94 0.39
PLATSBURG_115KV_PMLD1 355749	41.27 -0.12 0.00	39.30 -0.12 0.00	38.74 -0.04 0.00	39.30 -0.12 0.00	40.49 -0.12 0.00	46.22 -0.33 0.00	53.02 -0.92 0.00	53.72 -1.26 0.00	54.00 -1.05 0.00	53.34 -0.81 0.00	51.93 -0.58 0.00	51.63 -0.63 0.00	50.33 -0.51 0.00	51.36 -0.52 0.00	54.16 -0.82 0.00	54.10 -1.16 0.00	54.21 -1.11 0.00	57.43 -1.17 0.00	56.94 -0.98 0.00	54.67 -0.83 0.00	54.44 -0.83 0.00	54.22 -0.44 0.00	54.11 -0.11 0.00	54.98 0.44 0.00
PLEASANTVLY___LBMP 24000	43.71 2.32 0.00	41.59 2.17 0.00	40.83 2.06 0.00	41.59 2.17 0.00	42.81 2.19 0.00	49.06 2.51 0.00	57.23 3.29 0.00	59.66 3.96 -0.72	62.08 3.85 -3.18	63.57 3.68 -5.74	58.17 3.41 -2.25	57.96 3.45 -2.26	56.70 3.41 -2.46	57.93 3.48 -2.58	61.72 3.68 -3.06	63.52 4.14 -4.12	67.04 4.20 -7.51	82.22 4.51 -19.10	76.36 4.46 -13.97	63.76 4.16 -4.10	61.87 4.03 -2.57	58.04 3.39 0.00	57.36 3.14 0.00	57.55 3.00 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	43.92 2.52 0.00	41.79 2.37 0.00	40.99 2.21 0.00	41.79 2.37 0.00	43.01 2.40 0.00	49.25 2.70 0.00	57.55 3.61 0.00	60.07 4.40 -0.69	63.50 4.29 -4.17	65.72 4.06 -7.51	59.18 3.73 -2.95	58.97 3.76 -2.96	57.77 3.71 -3.21	59.04 3.79 -3.38	63.05 4.07 -4.00	65.18 4.53 -5.39	67.14 4.65 -7.17	81.96 4.98 -18.37	76.29 4.92 -13.44	64.05 4.61 -3.94	62.22 4.48 -2.47	58.37 3.72 0.00	57.69 3.47 0.00	57.82 3.27 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	43.92 2.52 0.00	41.79 2.37 0.00	40.99 2.21 0.00	41.79 2.37 0.00	43.01 2.40 0.00	49.25 2.70 0.00	57.55 3.61 0.00	60.07 4.40 -0.69	63.50 4.29 -4.17	65.72 4.06 -7.51	59.18 3.73 -2.95	58.97 3.76 -2.96	57.77 3.71 -3.21	59.04 3.79 -3.38	63.05 4.07 -4.00	65.18 4.53 -5.39	67.14 4.65 -7.17	81.96 4.98 -18.37	76.29 4.92 -13.44	64.05 4.61 -3.94	62.22 4.48 -2.47	58.37 3.72 0.00	57.69 3.47 0.00	57.82 3.27 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	44.12 2.73 0.00	42.03 2.60 0.00	41.26 2.48 0.00	42.06 2.64 0.00	43.30 2.68 0.00	49.57 3.03 0.00	57.77 3.83 0.00	60.23 4.56 -0.69	60.71 4.46 -1.21	60.50 4.17 -2.18	57.19 3.83 -0.85	56.98 3.87 -0.86	55.54 3.76 -0.93	56.75 3.89 -0.98	60.37 4.23 -1.16	61.57 4.75 -1.56	67.46 4.98 -7.16	82.47 5.39 -18.47	76.71 5.27 -13.51	64.40 4.94 -3.96	62.62 4.86 -2.48	58.70 4.04 0.00	57.96 3.74 0.00	58.09 3.55 0.00
POLETTI___ 23519	43.83 2.44 0.00	41.71 2.29 0.00	40.91 2.13 0.00	41.75 2.33 0.00	42.93 2.32 0.00	49.15 2.61 0.00	57.50 3.56 0.00	60.11 4.45 -0.68	64.00 4.35 -4.61	66.58 4.12 -8.32	59.42 3.68 -3.25	59.22 3.71 -3.26	58.06 3.66 -3.56	59.21 3.68 -3.65	59.02 3.96 -0.08	59.42 4.42 0.26	59.54 4.70 0.48	60.10 4.98 3.49	63.48 4.92 -0.62	59.64 4.61 0.47	59.58 4.48 0.16	58.32 3.66 0.00	57.58 3.36 0.00	57.76 3.22 0.00
POMONA___ESR 323819	43.54 2.15 0.00	41.39 1.97 0.00	40.68 1.90 0.00	41.39 1.97 0.00	42.65 2.03 0.00	48.83 2.28 0.00	56.80 2.86 0.00	59.13 3.52 -0.63	51.01 3.74 7.78	43.48 3.36 14.03	50.20 3.20 5.50	50.03 3.29 5.52	47.94 3.10 6.00	49.00 3.42 6.30	51.41 3.90 7.47	49.18 3.98 10.07	66.03 3.99 -6.72	80.45 4.28 -17.57	75.01 4.23 -12.85	63.05 3.78 -3.77	61.33 3.70 -2.36	57.82 3.17 0.00	57.14 2.93 0.00	57.16 2.62 0.00
PORT_JEFF_3 23555	45.50 4.10 -0.01	43.34 3.90 -0.01	42.55 3.76 -0.01	43.29 3.87 0.00	44.64 4.02 0.00	51.11 4.56 0.00	61.06 5.45 -1.68	72.56 6.16 -11.42	68.52 6.44 -7.04	67.96 5.53 -8.29	61.06 5.30 -3.26	61.01 5.49 -3.27	59.78 5.39 -3.55	62.30 5.81 -4.61	69.01 6.93 -7.10	72.43 6.85 -10.31	83.65 7.03 -21.30	102.79 7.03 -37.15	90.12 7.06 -25.12	88.53 6.99 -26.04	73.72 7.02 -11.43	71.68 6.17 -10.85	66.83 6.07 -6.54	64.97 5.78 -4.64

PORT_JEFF_4 23616	45.50 4.10 -0.01	43.34 3.90 -0.01	42.55 3.76 -0.01	43.29 3.87 0.00	44.64 4.02 0.00	51.11 4.56 0.00	61.06 5.45 -1.68	72.56 6.16 -11.42	68.52 6.44 -7.04	67.96 5.53 -8.29	61.06 5.30 -3.26	61.01 5.49 -3.27	59.78 5.39 -3.55	62.30 5.81 -4.61	69.01 6.93 -7.10	72.43 6.85 -10.31	83.65 7.03 -21.30	102.79 7.03 -37.15	90.12 7.06 -25.12	88.53 6.99 -26.04	73.72 7.02 -11.43	71.68 6.17 -10.85	66.83 6.07 -6.54	64.97 5.78 -4.64
PORT_JEFF_IC 23713	45.58 4.18 -0.01	43.30 3.86 -0.01	42.51 3.72 -0.01	43.17 3.75 0.00	44.23 3.61 0.00	50.92 4.38 0.00	61.44 5.83 -1.68	72.96 6.54 -11.44	68.53 6.44 -7.05	68.39 5.96 -8.29	61.49 5.72 -3.26	61.17 5.64 -3.27	59.94 5.54 -3.55	62.25 5.76 -4.61	68.68 6.60 -7.10	72.60 7.02 -10.32	83.85 7.14 -21.40	102.77 6.97 -37.19	90.03 6.95 -25.15	88.84 7.27 -26.07	73.90 7.19 -11.44	71.80 6.29 -10.86	66.84 6.07 -6.55	64.98 5.78 -4.65
PPL PILGRIM_ST_GT1 24216	45.54 4.14 -0.01	43.37 3.94 -0.01	42.59 3.80 -0.01	43.33 3.90 0.00	44.72 4.10 0.00	51.16 4.61 0.00	61.13 5.50 -1.69	72.70 6.21 -11.50	68.59 6.49 -7.06	68.02 5.58 -8.29	61.12 5.36 -3.26	61.06 5.54 -3.27	59.84 5.44 -3.55	62.31 5.81 -4.62	69.02 6.93 -7.11	72.51 6.91 -10.34	83.81 7.08 -21.41	103.23 7.32 -37.30	90.50 7.36 -25.22	88.64 6.94 -26.21	73.72 6.96 -11.49	71.75 6.17 -10.92	66.87 6.07 -6.59	65.00 5.78 -4.67
PPL PILGRIM_ST_GT2 24217	45.54 4.14 -0.01	43.37 3.94 -0.01	42.59 3.80 -0.01	43.33 3.90 0.00	44.72 4.10 0.00	51.16 4.61 0.00	61.13 5.50 -1.69	72.70 6.21 -11.50	68.59 6.49 -7.06	68.02 5.58 -8.29	61.12 5.36 -3.26	61.06 5.54 -3.27	59.84 5.44 -3.55	62.31 5.81 -4.62	69.02 6.93 -7.11	72.51 6.91 -10.34	83.81 7.08 -21.41	103.23 7.32 -37.30	90.50 7.36 -25.22	88.64 6.94 -26.21	73.72 6.96 -11.49	71.75 6.17 -10.92	66.87 6.07 -6.59	65.00 5.78 -4.67
PPL_SHRM_GT3 24213	46.08 4.68 -0.01	43.85 4.41 -0.01	43.09 4.30 -0.01	43.80 4.38 0.00	45.20 4.59 0.00	51.76 5.21 0.00	61.87 6.25 -1.68	73.45 7.04 -11.43	69.29 7.21 -7.04	68.61 6.17 -8.29	61.69 5.93 -3.26	61.58 6.06 -3.27	60.34 5.95 -3.55	62.92 6.43 -4.61	69.78 7.70 -7.10	73.31 7.74 -10.32	84.38 7.74 -21.31	103.91 8.14 -37.16	91.17 8.11 -25.13	89.59 8.04 -26.05	74.72 8.01 -11.43	72.61 7.10 -10.85	67.76 7.00 -6.55	65.90 6.71 -4.65
PPL_SHRM_GT4 24214	46.08 4.68 -0.01	43.85 4.41 -0.01	43.09 4.30 -0.01	43.80 4.38 0.00	45.20 4.59 0.00	51.76 5.21 0.00	61.87 6.25 -1.68	73.45 7.04 -11.43	69.29 7.21 -7.04	68.61 6.17 -8.29	61.69 5.93 -3.26	61.58 6.06 -3.27	60.34 5.95 -3.55	62.92 6.43 -4.61	69.78 7.70 -7.10	73.31 7.74 -10.32	84.38 7.74 -21.31	103.91 8.14 -37.16	91.17 8.11 -25.13	89.59 8.04 -26.05	74.72 8.01 -11.43	72.61 7.10 -10.85	67.76 7.00 -6.55	65.90 6.71 -4.65
PROJECT___ORANGE 1 24174	40.40 -0.99 0.00	38.48 -0.95 0.00	37.88 -0.89 0.00	38.48 -0.95 0.00	39.64 -0.97 0.00	45.62 -0.93 0.00	52.86 -1.08 0.00	54.11 -0.93 -0.06	53.94 -1.10 0.00	52.96 -1.19 0.00	51.40 -1.10 0.00	51.16 -1.10 0.00	49.72 -1.12 0.00	50.79 -1.09 0.00	53.88 -1.10 0.00	54.38 -0.88 0.00	55.08 -0.89 -0.64	59.58 -0.70 -1.68	58.35 -0.81 -1.23	55.03 -0.83 -0.36	54.56 -0.94 -0.23	53.51 -1.15 0.00	52.92 -1.30 0.00	53.18 -1.36 0.00
PROJECT___ORANGE 2 24166	40.40 -0.99 0.00	38.48 -0.95 0.00	37.88 -0.89 0.00	38.48 -0.95 0.00	39.64 -0.97 0.00	45.62 -0.93 0.00	52.86 -1.08 0.00	54.11 -0.93 -0.06	53.94 -1.10 0.00	52.96 -1.19 0.00	51.40 -1.10 0.00	51.16 -1.10 0.00	49.72 -1.12 0.00	50.79 -1.09 0.00	53.88 -1.10 0.00	54.38 -0.88 0.00	55.08 -0.89 -0.64	59.58 -0.70 -1.68	58.35 -0.81 -1.23	55.03 -0.83 -0.36	54.56 -0.94 -0.23	53.51 -1.15 0.00	52.92 -1.30 0.00	53.18 -1.36 0.00
PUCKETT___SOLAR 323809	41.68 0.29 0.00	39.70 0.28 0.00	39.05 0.27 0.00	39.70 0.28 0.00	40.94 0.32 0.00	47.15 0.60 0.00	54.91 0.97 0.00	56.81 1.60 -0.23	56.01 1.43 0.46	54.35 1.03 0.83	53.07 0.89 0.33	52.76 0.83 0.33	51.10 0.61 0.36	52.33 0.83 0.38	55.74 1.21 0.45	56.20 1.55 0.60	59.71 1.88 -2.50	66.35 1.47 -6.28	64.16 1.62 -4.61	57.70 0.89 -1.32	57.08 1.00 -0.82	55.14 0.49 0.01	54.70 0.49 0.00	55.09 0.55 0.00
PYRITES___HYD 24023	41.81 0.41 0.00	39.86 0.43 0.00	39.20 0.43 0.00	39.82 0.39 0.00	41.02 0.41 0.00	46.64 0.09 0.00	54.10 0.16 0.00	54.76 -0.22 0.00	54.99 -0.06 0.00	54.20 0.05 0.00	52.61 0.11 0.00	52.31 0.05 0.00	51.00 0.15 0.00	51.93 0.05 0.00	54.93 -0.05 0.00	54.65 -0.61 0.00	54.71 -0.61 0.00	57.73 -0.88 0.00	57.18 -0.75 0.00	54.83 -0.67 0.00	54.66 -0.61 0.00	54.55 -0.11 0.00	54.49 0.27 0.00	54.93 0.38 0.00
QUAKERRD_115KV_BK1 80622	38.25 -3.15 0.00	36.55 -2.88 0.00	36.02 -2.75 0.00	36.47 -2.96 0.00	37.69 -2.92 0.00	43.52 -3.03 0.00	49.89 -4.05 0.00	50.94 -4.12 -0.08	50.58 -4.46 0.00	49.66 -4.49 0.00	48.36 -4.15 0.00	47.97 -4.29 0.00	46.52 -4.32 0.00	47.68 -4.20 0.00	50.59 -4.40 0.00	51.06 -4.20 0.00	51.74 -4.43 -0.85	56.86 -3.99 -2.24	55.27 -4.29 -1.63	52.23 -3.77 -0.50	51.61 -3.98 -0.32	50.56 -4.10 -0.01	49.66 -4.55 0.00	50.18 -4.36 0.00
QUEENSBRY_115KV_TB8 356137	44.17 2.77 0.00	42.10 2.68 0.00	41.34 2.56 0.00	42.06 2.64 0.00	43.34 2.72 0.00	49.81 3.26 0.00	56.64 2.70 0.00	58.86 2.97 -0.91	58.80 2.81 -0.95	58.57 2.71 -1.71	55.80 2.63 -0.67	55.70 2.77 -0.67	54.12 2.54 -0.73	55.24 2.59 -0.77	58.64 2.75 -0.91	59.70 3.21 -1.23	68.01 3.21 -9.48	86.81 3.57 -24.63	79.59 3.65 -18.02	64.18 3.39 -5.29	61.85 3.26 -3.32	57.55 2.90 0.00	58.34 4.12 0.00	58.64 4.09 0.00
RAMAPO___LBMP 323565	43.42 2.03 0.00	41.32 1.89 0.00	40.52 1.74 0.00	41.32 1.89 0.00	42.52 1.91 0.00	48.69 2.14 0.00	56.85 2.91 0.00	59.18 3.57 -0.63	50.84 3.47 7.67	43.56 3.25 13.84	50.01 2.94 5.43	49.79 2.98 5.44	47.87 2.95 5.92	48.67 3.01 6.22	50.85 3.24 7.37	48.98 3.65 9.93	65.83 3.98 -6.53	80.35 4.22 -17.52	74.92 4.17 -12.82	63.15 3.89 -3.76	61.44 3.81 -2.35	57.71 3.06 0.00	57.04 2.82 0.00	57.22 2.67 0.00
RANKINE____ 23646	37.50 -3.89 0.00	35.76 -3.67 0.00	35.33 -3.45 0.00	35.76 -3.67 0.00	37.08 -3.53 0.00	43.06 -3.49 0.00	48.55 -5.39 0.00	48.37 -6.71 -0.10	48.60 -6.44 0.00	47.41 -6.44 0.29	44.33 -6.14 2.03	45.86 -5.96 0.44	44.20 -6.10 0.54	41.75 -6.07 4.06	43.01 -6.21 5.76	43.10 -6.19 5.97	47.21 -5.92 2.19	48.19 -6.15 4.27	47.71 -5.73 4.48	43.42 -5.94 6.15	39.16 -6.25 9.86	40.80 -6.29 7.57	47.98 -6.23 0.00	48.65 -5.89 0.00
RAVENSWOOD_GT2_1 24244	43.92 2.52 0.00	41.79 2.37 0.00	40.99 2.21 0.00	41.83 2.40 0.00	43.01 2.40 0.00	49.25 2.70 0.00	57.61 3.67 0.00	60.17 4.51 -0.68	64.05 4.40 -4.61	66.63 4.17 -8.31	59.59 3.83 -3.26	59.39 3.87 -3.27	58.21 3.81 -3.55	59.45 3.84 -3.73	63.53 4.12 -4.42	65.81 4.59 -5.96	67.18 4.81 -7.05	82.01 5.16 -18.25	76.37 5.10 -13.35	64.19 4.77 -3.92	62.37 4.64 -2.45	58.48 3.83 0.00	57.74 3.52 0.00	57.93 3.38 0.00

RAVENSWOOD_GT2_2 24245	43.92 2.52 0.00	41.79 2.37 0.00	40.99 2.21 0.00	41.83 2.40 0.00	43.01 2.40 0.00	49.25 2.70 0.00	57.61 3.67 0.00	60.17 4.51 -0.68	64.05 4.40 -4.61	66.63 4.17 -8.31	59.59 3.83 -3.26	59.39 3.87 -3.27	58.21 3.81 -3.55	59.45 3.84 -3.73	63.53 4.12 -4.42	65.81 4.59 -5.96	67.18 4.81 -7.05	82.01 5.16 -18.25	76.37 5.10 -13.35	64.19 4.77 -3.92	62.37 4.64 -2.45	58.48 3.83 0.00	57.74 3.52 0.00	57.93 3.38 0.00
RAVENSWOOD_GT2_3 24246	43.96 2.57 0.00	41.79 2.37 0.00	40.99 2.21 0.00	41.83 2.40 0.00	43.05 2.44 0.00	49.25 2.70 0.00	57.66 3.72 0.00	60.22 4.56 -0.68	64.05 4.40 -4.61	66.63 4.17 -8.31	59.59 3.83 -3.26	59.39 3.87 -3.27	58.21 3.81 -3.55	59.50 3.89 -3.73	63.53 4.12 -4.42	65.81 4.59 -5.96	67.24 4.87 -7.05	82.01 5.16 -18.25	76.37 5.10 -13.35	64.19 4.77 -3.92	62.37 4.64 -2.45	58.48 3.83 0.00	57.74 3.52 0.00	57.98 3.44 0.00
RAVENSWOOD_GT2_4 24247	43.96 2.57 0.00	41.79 2.37 0.00	40.99 2.21 0.00	41.83 2.40 0.00	43.05 2.44 0.00	49.25 2.70 0.00	57.66 3.72 0.00	60.22 4.56 -0.68	64.05 4.40 -4.61	66.63 4.17 -8.31	59.59 3.83 -3.26	59.39 3.87 -3.27	58.21 3.81 -3.55	59.50 3.89 -3.73	63.53 4.12 -4.42	65.81 4.59 -5.96	67.24 4.87 -7.05	82.01 5.16 -18.25	76.37 5.10 -13.35	64.19 4.77 -3.92	62.37 4.64 -2.45	58.48 3.83 0.00	57.74 3.52 0.00	57.98 3.44 0.00
RAVENSWOOD_GT3_1 24248	43.92 2.52 0.00	41.79 2.37 0.00	40.99 2.21 0.00	41.83 2.40 0.00	43.01 2.40 0.00	49.25 2.70 0.00	57.61 3.67 0.00	60.17 4.51 -0.68	64.05 4.40 -4.61	66.63 4.17 -8.31	59.59 3.83 -3.26	59.39 3.87 -3.27	58.21 3.81 -3.55	59.45 3.84 -3.73	63.53 4.12 -4.42	65.81 4.59 -5.96	67.18 4.81 -7.05	82.01 5.16 -18.25	76.37 5.10 -13.35	64.19 4.77 -3.92	62.37 4.64 -2.45	58.48 3.83 0.00	57.74 3.52 0.00	57.93 3.38 0.00
RAVENSWOOD_GT3_2 24249	43.92 2.52 0.00	41.79 2.37 0.00	40.99 2.21 0.00	41.83 2.40 0.00	43.01 2.40 0.00	49.25 2.70 0.00	57.61 3.67 0.00	60.17 4.51 -0.68	64.05 4.40 -4.61	66.63 4.17 -8.31	59.59 3.83 -3.26	59.39 3.87 -3.27	58.21 3.81 -3.55	59.45 3.84 -3.73	63.53 4.12 -4.42	65.81 4.59 -5.96	67.18 4.81 -7.05	82.01 5.16 -18.25	76.37 5.10 -13.35	64.19 4.77 -3.92	62.37 4.64 -2.45	58.48 3.83 0.00	57.74 3.52 0.00	57.93 3.38 0.00
RAVENSWOOD_GT3_3 24250	43.96 2.57 0.00	41.83 2.40 0.00	41.03 2.25 0.00	41.87 2.44 0.00	43.05 2.44 0.00	49.29 2.75 0.00	57.66 3.72 0.00	60.28 4.62 -0.68	64.11 4.46 -4.61	66.68 4.22 -8.31	59.65 3.89 -3.26	59.44 3.92 -3.27	58.26 3.86 -3.55	59.55 3.94 -3.73	63.58 4.18 -4.42	65.86 4.64 -5.96	67.29 4.92 -7.05	82.07 5.22 -18.25	76.43 5.16 -13.35	64.25 4.83 -3.92	62.42 4.70 -2.45	58.53 3.88 0.00	57.79 3.58 0.00	58.04 3.49 0.00
RAVENSWOOD_GT3_4 24251	43.96 2.57 0.00	41.83 2.40 0.00	41.03 2.25 0.00	41.87 2.44 0.00	43.05 2.44 0.00	49.29 2.75 0.00	57.66 3.72 0.00	60.28 4.62 -0.68	64.11 4.46 -4.61	66.68 4.22 -8.31	59.65 3.89 -3.26	59.44 3.92 -3.27	58.26 3.86 -3.55	59.55 3.94 -3.73	63.58 4.18 -4.42	65.86 4.64 -5.96	67.29 4.92 -7.05	82.07 5.22 -18.25	76.43 5.16 -13.35	64.25 4.83 -3.92	62.42 4.70 -2.45	58.53 3.88 0.00	57.79 3.58 0.00	58.04 3.49 0.00
RAVENSWOOD_GT_1 23729	47.42 2.69 -3.33	45.45 2.52 -3.51	44.75 2.37 -3.61	45.52 2.60 -3.49	46.52 2.60 -3.31	51.81 2.84 -2.42	59.22 3.88 -1.39	62.23 4.73 -2.52	65.23 4.46 -5.73	67.46 4.22 -9.09	61.38 3.99 -4.88	61.19 4.02 -4.91	60.19 3.97 -5.39	61.26 4.05 -5.33	64.53 4.29 -5.26	66.77 4.75 -6.75	83.72 4.98 -23.42	104.51 5.33 -40.57	91.50 5.21 -28.36	80.50 4.94 -20.06	79.55 4.81 -19.47	61.48 3.99 -2.84	59.81 3.74 -1.85	59.78 3.71 -1.53
RAVENSWOOD_GT_10 24258	43.92 2.52 0.00	41.79 2.37 0.00	40.99 2.21 0.00	41.83 2.40 0.00	43.01 2.40 0.00	49.25 2.70 0.00	57.61 3.67 0.00	60.17 4.51 -0.68	64.05 4.40 -4.61	66.63 4.17 -8.31	59.59 3.83 -3.26	59.39 3.87 -3.27	58.21 3.81 -3.55	59.45 3.84 -3.73	63.53 4.12 -4.42	65.81 4.59 -5.96	67.18 4.81 -7.05	82.01 5.16 -18.25	76.37 5.10 -13.35	64.19 4.77 -3.92	62.37 4.64 -2.45	58.48 3.83 0.00	57.74 3.52 0.00	57.93 3.38 0.00
RAVENSWOOD_GT_11 24259	43.92 2.52 0.00	41.79 2.37 0.00	40.99 2.21 0.00	41.83 2.40 0.00	43.01 2.40 0.00	49.25 2.70 0.00	57.61 3.67 0.00	60.17 4.51 -0.68	64.05 4.40 -4.61	66.63 4.17 -8.31	59.59 3.83 -3.26	59.39 3.87 -3.27	58.21 3.81 -3.55	59.45 3.84 -3.73	63.53 4.12 -4.42	65.81 4.59 -5.96	67.18 4.81 -7.05	82.01 5.16 -18.25	76.37 5.10 -13.35	64.19 4.77 -3.92	62.37 4.64 -2.45	58.48 3.83 0.00	57.74 3.52 0.00	57.93 3.38 0.00
RAVENSWOOD_GT_4 24252	46.46 2.52 -2.54	44.42 2.33 -2.67	43.69 2.17 -2.75	44.45 2.37 -2.66	45.49 2.36 -2.52	51.09 2.70 -1.85	58.67 3.67 -1.06	61.57 4.51 -2.08	64.91 4.40 -5.46	67.22 4.17 -8.90	60.78 3.78 -4.49	60.59 3.81 -4.52	59.55 3.76 -4.95	60.67 3.84 -4.95	64.17 4.12 -5.06	66.41 4.59 -6.56	79.65 4.81 -19.52	98.95 5.10 -35.24	87.81 5.10 -24.78	76.43 4.72 -16.21	75.27 4.59 -15.41	60.64 3.83 -2.16	59.10 3.47 -1.41	59.03 3.33 -1.16
RAVENSWOOD_GT_5 24254	46.46 2.52 -2.54	44.42 2.33 -2.67	43.69 2.17 -2.75	44.45 2.37 -2.66	45.49 2.36 -2.52	51.09 2.70 -1.85	58.67 3.67 -1.06	61.57 4.51 -2.08	64.91 4.40 -5.46	67.22 4.17 -8.90	60.78 3.78 -4.49	60.59 3.81 -4.52	59.55 3.76 -4.95	60.67 3.84 -4.95	64.17 4.12 -5.06	66.41 4.59 -6.56	79.65 4.81 -19.52	98.95 5.10 -35.24	87.81 5.10 -24.78	76.43 4.72 -16.21	75.27 4.59 -15.41	60.64 3.83 -2.16	59.10 3.47 -1.41	59.03 3.33 -1.16
RAVENSWOOD_GT_6 24253	46.46 2.52 -2.54	44.42 2.33 -2.67	43.69 2.17 -2.75	44.45 2.37 -2.66	45.49 2.36 -2.52	51.09 2.70 -1.85	58.67 3.67 -1.06	61.57 4.51 -2.08	64.91 4.40 -5.46	67.22 4.17 -8.90	60.78 3.78 -4.49	60.59 3.81 -4.52	59.55 3.76 -4.95	60.67 3.84 -4.95	64.17 4.12 -5.06	66.41 4.59 -6.56	79.65 4.81 -19.52	98.95 5.10 -35.24	87.81 5.10 -24.78	76.43 4.72 -16.21	75.27 4.59 -15.41	60.64 3.83 -2.16	59.10 3.47 -1.41	59.03 3.33 -1.16
RAVENSWOOD_GT_7 24255	46.46 2.52 -2.54	44.42 2.33 -2.67	43.69 2.17 -2.75	44.45 2.37 -2.66	45.49 2.36 -2.52	51.09 2.70 -1.85	58.67 3.67 -1.06	61.57 4.51 -2.08	64.91 4.40 -5.46	67.22 4.17 -8.90	60.78 3.78 -4.49	60.59 3.81 -4.52	59.55 3.76 -4.95	60.67 3.84 -4.95	64.17 4.12 -5.06	66.41 4.59 -6.56	79.65 4.81 -19.52	98.95 5.10 -35.24	87.81 5.10 -24.78	76.43 4.72 -16.21	75.27 4.59 -15.41	60.64 3.83 -2.16	59.10 3.47 -1.41	59.03 3.33 -1.16
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	43.92 2.52 0.00	41.79 2.37 0.00	40.99 2.21 0.00	41.83 2.40 0.00	43.01 2.40 0.00	49.25 2.70 0.00	57.61 3.67 0.00	60.17 4.51 -0.68	64.05 4.40 -4.61	66.63 4.17 -8.31	59.59 3.83 -3.26	59.39 3.87 -3.27	58.21 3.81 -3.55	59.45 3.84 -3.73	63.53 4.12 -4.42	65.81 4.59 -5.96	67.18 4.81 -7.05	82.01 5.16 -18.25	76.37 5.10 -13.35	64.19 4.77 -3.92	62.37 4.64 -2.45	58.48 3.83 0.00	57.74 3.52 0.00	57.93 3.38 0.00

RAVENSWOOD_GT_9 24257	43.92 2.52 0.00	41.79 2.37 0.00	40.99 2.21 0.00	41.83 2.40 0.00	43.01 2.40 0.00	49.25 2.70 0.00	57.61 3.67 0.00	60.17 4.51 -0.68	64.05 4.40 -4.61	66.63 4.17 -8.31	59.59 3.83 -3.26	59.39 3.87 -3.27	58.21 3.81 -3.55	59.45 3.84 -3.73	63.53 4.12 -4.42	65.81 4.59 -5.96	67.18 4.81 -7.05	82.01 5.16 -18.25	76.37 5.10 -13.35	64.19 4.77 -3.92	62.37 4.64 -2.45	58.48 3.83 0.00	57.74 3.52 0.00	57.93 3.38 0.00
RAVENSWOOD___1 23533	44.04 2.65 0.00	41.87 2.45 0.00	41.14 2.37 0.00	41.91 2.49 0.00	43.18 2.56 0.00	49.29 2.75 0.00	57.44 3.50 0.00	60.00 4.34 -0.68	64.16 4.51 -4.61	66.63 4.17 -8.31	59.80 4.04 -3.26	59.65 4.13 -3.27	58.31 3.92 -3.55	59.87 4.25 -3.73	64.13 4.73 -4.42	65.86 4.64 -5.96	67.33 5.03 -6.98	82.18 5.33 -18.24	76.54 5.27 -13.34	64.24 4.83 -3.91	62.47 4.75 -2.45	58.86 4.21 0.00	58.12 3.91 0.00	58.20 3.65 0.00
RAVENSWOOD___2 23534	44.00 2.61 0.00	41.87 2.45 0.00	41.14 2.37 0.00	41.91 2.49 0.00	43.14 2.52 0.00	49.25 2.70 0.00	57.40 3.46 0.00	60.00 4.34 -0.68	64.16 4.51 -4.61	66.63 4.17 -8.31	59.75 3.99 -3.26	59.65 4.13 -3.27	58.31 3.92 -3.55	59.87 4.25 -3.73	64.13 4.73 -4.42	65.80 4.58 -5.96	67.33 5.03 -6.98	82.18 5.33 -18.24	76.54 5.27 -13.34	64.19 4.77 -3.91	62.47 4.75 -2.45	58.81 4.15 0.00	58.12 3.91 0.00	58.20 3.65 0.00
RAVENSWOOD___3 23535	43.88 2.48 0.00	41.71 2.29 0.00	40.99 2.21 0.00	41.71 2.29 0.00	42.97 2.35 0.00	49.15 2.61 0.00	57.29 3.35 0.00	59.84 4.18 -0.68	64.10 4.46 -4.61	66.57 4.11 -8.31	59.65 3.89 -3.26	59.55 4.02 -3.27	58.21 3.82 -3.55	59.76 4.15 -3.73	64.02 4.62 -4.42	65.86 4.64 -5.96	67.17 4.87 -6.98	82.06 5.21 -18.24	76.42 5.15 -13.34	64.08 4.66 -3.91	62.31 4.58 -2.45	58.59 3.94 0.00	57.85 3.63 0.00	57.93 3.38 0.00
RAVENSWOOD___4 23820	40.72 2.61 3.28	38.38 2.41 3.45	37.59 2.37 3.55	38.47 2.49 3.44	39.88 2.52 3.26	46.86 2.70 2.39	56.02 3.46 1.37	58.18 4.34 1.14	63.05 4.51 -3.49	65.85 4.17 -7.53	58.15 3.99 -1.66	58.03 4.13 -1.65	56.45 3.86 -1.75	58.24 4.20 -2.16	63.31 4.73 -3.60	65.02 4.58 -5.18	51.21 5.03 9.15	60.20 5.33 3.74	61.75 5.27 1.45	48.29 4.77 11.99	45.71 4.75 14.31	56.01 4.15 2.79	56.24 3.85 1.82	56.64 3.60 1.50
RCPL_TRUST___DRP 24196	43.96 2.57 0.00	41.79 2.37 0.00	41.03 2.25 0.00	41.83 2.40 0.00	43.05 2.44 0.00	49.29 2.75 0.00	57.66 3.72 0.00	60.22 4.56 -0.68	64.17 4.51 -4.62	66.76 4.28 -8.33	59.66 3.89 -3.27	59.45 3.92 -3.28	58.32 3.91 -3.56	59.56 3.94 -3.74	63.65 4.23 -4.43	65.93 4.70 -5.97	67.29 4.92 -7.05	82.07 5.22 -18.25	76.49 5.21 -13.35	64.25 4.83 -3.92	62.42 4.70 -2.45	58.53 3.88 0.00	57.79 3.58 0.00	57.98 3.44 0.00
RED___ROCHESTER 323720	38.99 -2.40 0.00	37.22 -2.21 0.00	36.64 -2.13 0.00	37.22 -2.21 0.00	38.38 -2.23 0.00	44.36 -2.19 0.00	50.97 -2.97 0.00	51.44 -3.63 -0.09	51.25 -3.80 0.00	50.31 -3.84 0.00	48.99 -3.52 0.00	47.92 -4.34 0.00	47.23 -3.61 0.00	47.63 -4.25 -0.01	50.54 -4.45 -0.01	51.90 -3.37 -0.01	52.44 -3.76 -0.88	57.71 -3.22 -2.33	56.32 -3.30 -1.69	52.24 -3.78 -0.52	52.67 -2.93 -0.33	50.34 -4.32 0.00	50.42 -3.80 0.00	51.16 -3.38 0.00
REGAN___SOLAR 323812	44.21 2.82 0.00	42.14 2.72 0.00	41.41 2.64 0.00	42.11 2.68 0.00	43.42 2.80 0.00	49.99 3.44 0.00	58.41 4.47 0.00	60.35 4.40 -0.97	59.92 4.13 -0.75	59.13 3.63 -1.35	56.44 3.41 -0.53	56.08 3.29 -0.53	54.42 3.00 -0.58	55.54 3.06 -0.60	59.11 3.41 -0.72	60.26 4.03 -0.97	69.82 4.43 -10.07	89.84 4.92 -26.31	82.21 5.04 -19.25	65.70 4.55 -5.65	63.28 4.47 -3.54	58.97 4.32 0.00	58.39 4.17 0.00	58.69 4.14 0.00
RENSSELAER___COGEN 23796	42.92 1.53 0.00	40.84 1.42 0.00	40.13 1.36 0.00	40.80 1.38 0.00	42.04 1.42 0.00	48.22 1.67 0.00	55.94 2.00 0.00	58.07 2.20 -0.88	58.30 2.26 -1.00	58.07 2.11 -1.81	55.26 2.05 -0.71	55.16 2.19 -0.71	53.65 2.04 -0.77	54.87 2.18 -0.81	58.31 2.36 -0.96	59.05 2.49 -1.30	66.88 2.43 -9.13	85.11 2.64 -23.87	77.99 2.61 -17.46	63.02 2.38 -5.13	60.91 2.43 -3.21	56.84 2.19 0.00	56.33 2.11 0.00	56.51 1.96 0.00
REPUBLIC_115KV_BARTNBRK 55605	45.41 4.02 0.00	43.33 3.90 0.00	42.50 3.72 0.00	43.17 3.75 0.00	44.56 3.94 0.00	51.29 4.75 0.00	58.52 4.58 0.00	60.79 4.89 -0.91	60.67 4.68 -0.95	60.42 4.55 -1.72	57.59 4.41 -0.67	57.58 4.65 -0.68	55.90 4.32 -0.74	56.96 4.31 -0.77	60.46 4.56 -0.92	61.69 5.19 -1.23	70.05 5.26 -9.48	89.14 5.92 -24.62	81.90 5.97 -18.00	66.29 5.49 -5.29	63.83 5.25 -3.31	59.52 4.86 0.00	60.18 5.96 0.00	60.55 6.00 0.00
REVERE_CPWR_DRP 24186	42.43 1.03 0.00	40.45 1.03 0.00	39.71 0.93 0.00	40.41 0.99 0.00	41.67 1.06 0.00	48.04 1.49 0.00	55.99 2.05 0.00	57.49 2.47 -0.03	57.46 2.42 0.00	56.26 2.11 0.00	54.45 1.94 0.00	54.19 1.93 0.00	52.83 1.98 0.00	53.80 1.92 0.00	57.24 2.25 0.00	57.64 2.38 0.00	58.02 2.32 -0.37	62.03 2.52 -0.90	61.02 2.43 -0.66	57.91 2.22 -0.19	57.44 2.05 -0.12	56.40 1.75 0.00	55.73 1.52 0.00	56.02 1.47 0.00
REYNOLDS_115KV_TB3 80639	43.09 1.70 0.00	41.00 1.58 0.00	40.29 1.51 0.00	41.00 1.58 0.00	42.20 1.58 0.00	48.41 1.86 0.00	56.10 2.16 0.00	58.34 2.47 -0.89	58.50 2.42 -1.03	58.34 2.33 -1.86	55.49 2.26 -0.73	55.29 2.30 -0.73	53.88 2.24 -0.80	55.00 2.28 -0.84	58.34 2.36 -0.99	59.25 2.65 -1.34	67.20 2.66 -9.22	85.35 2.81 -23.93	78.27 2.84 -17.50	63.31 2.66 -5.14	61.14 2.65 -3.22	57.00 2.35 0.00	56.44 2.22 0.00	56.73 2.18 0.00
RIVERBAY____ 323610	44.41 3.02 0.00	42.22 2.80 0.00	41.45 2.68 0.00	42.46 3.04 0.00	43.66 3.05 0.00	49.85 3.30 0.00	58.31 4.37 0.00	60.94 5.28 -0.68	64.16 4.51 -4.61	66.73 4.28 -8.31	59.75 3.99 -3.26	59.50 3.97 -3.27	58.31 3.91 -3.55	59.61 3.99 -3.73	63.64 4.23 -4.42	65.97 4.75 -5.96	67.40 5.03 -7.05	82.19 5.33 -18.25	76.55 5.27 -13.35	64.41 5.00 -3.92	62.59 4.86 -2.45	58.81 4.15 0.00	58.23 4.01 0.00	58.64 4.09 0.00
RIVERSIDE_115KV_TB3 55908	43.05 1.66 0.00	40.96 1.54 0.00	40.25 1.47 0.00	40.96 1.54 0.00	42.16 1.54 0.00	48.36 1.82 0.00	56.10 2.16 0.00	58.29 2.42 -0.89	58.42 2.37 -1.02	58.26 2.27 -1.83	55.48 2.26 -0.72	55.28 2.30 -0.72	53.86 2.24 -0.78	54.93 2.23 -0.82	58.32 2.36 -0.98	59.23 2.65 -1.31	67.21 2.66 -9.24	85.40 2.81 -23.98	78.25 2.78 -17.54	63.32 2.66 -5.15	61.10 2.60 -3.23	56.95 2.30 0.00	56.44 2.22 0.00	56.67 2.13 0.00
ROARING___BROOK_WT_PWR 323790	40.73 -0.66 0.00	38.83 -0.59 0.00	38.20 -0.58 0.00	38.87 -0.55 0.00	40.05 -0.57 0.00	45.85 -0.70 0.00	53.13 -0.81 0.00	54.16 -0.82 0.00	54.27 -0.77 0.00	53.50 -0.65 0.00	51.88 -0.63 0.00	51.58 -0.68 0.00	50.13 -0.71 0.00	51.10 -0.78 0.00	54.10 -0.88 0.00	54.32 -0.94 0.00	54.38 -0.94 0.00	57.61 -1.00 0.00	57.00 -0.93 0.00	54.78 -0.72 0.00	54.50 -0.77 0.00	54.11 -0.55 0.00	53.67 -0.54 0.00	54.05 -0.49 0.00

ROCHESRG_115KV_T4 355643	38.54 -2.86 0.00	36.82 -2.60 0.00	36.29 -2.48 0.00	36.74 -2.68 0.00	37.98 -2.64 0.00	43.89 -2.65 0.00	50.16 -3.78 0.00	51.11 -3.96 -0.09	50.69 -4.35 0.00	49.76 -4.39 0.00	48.51 -3.99 0.00	48.13 -4.13 0.00	46.62 -4.22 0.00	47.78 -4.10 0.00	50.75 -4.23 0.00	51.23 -4.03 0.00	51.88 -4.32 -0.87	57.10 -3.81 -2.30	55.49 -4.11 -1.67	52.47 -3.55 -0.52	51.84 -3.76 -0.33	50.83 -3.83 -0.01	49.88 -4.34 0.00	50.40 -4.15 0.00
ROCHESTER_9_IC 23652	38.74 -2.65 0.00	37.02 -2.40 0.00	36.49 -2.29 0.00	36.90 -2.52 0.00	38.18 -2.44 0.00	44.13 -2.42 0.00	50.49 -3.45 0.00	51.44 -3.63 -0.09	51.02 -4.02 0.00	50.09 -4.06 0.00	48.83 -3.68 0.00	48.39 -3.87 0.00	46.93 -3.91 0.00	48.10 -3.79 -0.01	51.09 -3.90 -0.01	51.57 -3.70 -0.01	52.27 -3.93 -0.88	57.58 -3.34 -2.32	55.91 -3.71 -1.69	52.85 -3.16 -0.52	52.23 -3.37 -0.33	51.16 -3.50 0.00	50.15 -4.07 0.00	50.73 -3.82 0.00
ROCKVIEW_13_KV_LD 356306	44.04 2.65 0.00	41.87 2.44 0.00	41.06 2.29 0.00	41.87 2.44 0.00	43.09 2.48 0.00	49.34 2.79 0.00	57.77 3.83 0.00	60.28 4.62 -0.68	64.17 4.51 -4.61	66.74 4.28 -8.31	59.65 3.89 -3.26	59.45 3.92 -3.27	58.31 3.91 -3.56	59.61 3.99 -3.73	63.64 4.23 -4.43	65.92 4.70 -5.96	67.29 4.92 -7.05	82.13 5.27 -18.25	76.49 5.21 -13.35	64.30 4.88 -3.92	62.48 4.75 -2.45	58.59 3.94 0.00	57.85 3.63 0.00	58.04 3.49 0.00
ROME____115KV_TB2 80656	42.43 1.03 0.00	40.45 1.03 0.00	39.71 0.93 0.00	40.41 0.99 0.00	41.67 1.06 0.00	48.04 1.49 0.00	55.99 2.05 0.00	57.49 2.47 -0.03	57.46 2.42 0.00	56.26 2.11 0.00	54.45 1.94 0.00	54.19 1.93 0.00	52.83 1.98 0.00	53.80 1.92 0.00	57.24 2.25 0.00	57.64 2.38 0.00	58.02 2.32 -0.37	62.03 2.52 -0.90	61.02 2.43 -0.66	57.91 2.22 -0.19	57.44 2.05 -0.12	56.40 1.75 0.00	55.73 1.52 0.00	56.02 1.47 0.00
ROSETON___1 23587	43.05 1.66 0.00	41.00 1.58 0.00	40.25 1.47 0.00	41.00 1.58 0.00	42.24 1.63 0.00	48.36 1.81 0.00	56.21 2.27 0.00	58.36 2.80 -0.58	51.90 2.97 6.11	45.78 2.65 11.03	50.70 2.52 4.32	50.53 2.61 4.34	48.57 2.44 4.72	49.62 2.70 4.95	52.24 3.13 5.87	50.55 3.20 7.91	66.26 4.04 -6.90	80.98 4.34 -18.04	75.41 4.29 -13.19	63.20 3.83 -3.87	61.45 3.76 -2.42	57.88 3.22 0.00	57.20 2.98 0.00	57.33 2.78 0.00
ROSETON___2 23588	43.05 1.66 0.00	41.00 1.58 0.00	40.25 1.47 0.00	41.00 1.58 0.00	42.24 1.63 0.00	48.36 1.81 0.00	56.21 2.27 0.00	58.36 2.80 -0.58	51.90 2.97 6.11	45.78 2.65 11.03	50.70 2.52 4.32	50.53 2.61 4.34	48.57 2.44 4.72	49.62 2.70 4.95	52.24 3.13 5.87	50.55 3.20 7.91	66.26 4.04 -6.90	80.98 4.34 -18.04	75.41 4.29 -13.19	63.20 3.83 -3.87	61.45 3.76 -2.42	57.88 3.22 0.00	57.20 2.98 0.00	57.33 2.78 0.00
ROTRDAM_115KV_TB3 80664	42.76 1.37 0.00	40.72 1.30 0.00	40.02 1.24 0.00	40.68 1.26 0.00	41.92 1.30 0.00	48.13 1.58 0.00	55.72 1.78 0.00	57.88 1.98 -0.92	57.86 1.93 -0.90	57.55 1.79 -1.62	54.82 1.68 -0.63	54.62 1.72 -0.64	53.16 1.63 -0.69	54.27 1.66 -0.73	57.66 1.81 -0.86	58.52 2.10 -1.16	67.05 2.16 -9.58	85.84 2.34 -24.89	78.45 2.32 -18.20	63.01 2.16 -5.35	60.78 2.16 -3.35	56.51 1.86 0.00	56.11 1.90 0.00	56.40 1.85 0.00
RUSSELL___1 23602	38.91 -2.48 0.00	37.22 -2.21 0.00	36.64 -2.13 0.00	37.06 -2.37 0.00	38.38 -2.23 0.00	44.36 -2.19 0.00	50.76 -3.18 0.00	51.72 -3.35 -0.09	51.35 -3.69 0.00	50.41 -3.74 0.00	49.09 -3.41 0.00	48.70 -3.55 0.00	47.18 -3.66 0.00	48.41 -3.48 -0.01	51.42 -3.57 -0.01	51.90 -3.37 -0.01	52.61 -3.60 -0.88	57.93 -2.99 -2.32	56.31 -3.30 -1.69	53.24 -2.78 -0.52	52.61 -2.98 -0.33	51.49 -3.17 0.00	50.42 -3.80 0.00	51.00 -3.55 0.00
RUSSELL___2 23532	38.91 -2.48 0.00	37.22 -2.21 0.00	36.64 -2.13 0.00	37.06 -2.37 0.00	38.38 -2.23 0.00	44.36 -2.19 0.00	50.76 -3.18 0.00	51.72 -3.35 -0.09	51.35 -3.69 0.00	50.41 -3.74 0.00	49.09 -3.41 0.00	48.70 -3.55 0.00	47.18 -3.66 0.00	48.41 -3.48 -0.01	51.42 -3.57 -0.01	51.90 -3.37 -0.01	52.61 -3.60 -0.88	57.93 -2.99 -2.32	56.31 -3.30 -1.69	53.24 -2.78 -0.52	52.61 -2.98 -0.33	51.49 -3.17 0.00	50.42 -3.80 0.00	51.00 -3.55 0.00
RUSSELL___3 23549	38.91 -2.48 0.00	37.22 -2.21 0.00	36.64 -2.13 0.00	37.06 -2.37 0.00	38.38 -2.23 0.00	44.36 -2.19 0.00	50.76 -3.18 0.00	51.72 -3.35 -0.09	51.35 -3.69 0.00	50.41 -3.74 0.00	49.09 -3.41 0.00	48.70 -3.55 0.00	47.18 -3.66 0.00	48.41 -3.48 -0.01	51.42 -3.57 -0.01	51.90 -3.37 -0.01	52.61 -3.60 -0.88	57.93 -2.99 -2.32	56.31 -3.30 -1.69	53.24 -2.78 -0.52	52.61 -2.98 -0.33	51.49 -3.17 0.00	50.42 -3.80 0.00	51.00 -3.55 0.00
RUSSELL___4 23556	38.91 -2.48 0.00	37.22 -2.21 0.00	36.64 -2.13 0.00	37.06 -2.37 0.00	38.38 -2.23 0.00	44.36 -2.19 0.00	50.76 -3.18 0.00	51.72 -3.35 -0.09	51.35 -3.69 0.00	50.41 -3.74 0.00	49.09 -3.41 0.00	48.70 -3.55 0.00	47.18 -3.66 0.00	48.41 -3.48 -0.01	51.42 -3.57 -0.01	51.90 -3.37 -0.01	52.61 -3.60 -0.88	57.93 -2.99 -2.32	56.31 -3.30 -1.69	53.24 -2.78 -0.52	52.61 -2.98 -0.33	51.49 -3.17 0.00	50.42 -3.80 0.00	51.00 -3.55 0.00
RUSSELL___STATION 23914	38.91 -2.48 0.00	37.22 -2.21 0.00	36.64 -2.13 0.00	37.06 -2.37 0.00	38.38 -2.23 0.00	44.36 -2.19 0.00	50.76 -3.18 0.00	51.72 -3.35 -0.09	51.35 -3.69 0.00	50.41 -3.74 0.00	49.09 -3.41 0.00	48.70 -3.55 0.00	47.18 -3.66 0.00	48.41 -3.48 -0.01	51.42 -3.57 -0.01	51.90 -3.37 -0.01	52.61 -3.60 -0.88	57.93 -2.99 -2.32	56.31 -3.30 -1.69	53.24 -2.78 -0.52	52.61 -2.98 -0.33	51.49 -3.17 0.00	50.42 -3.80 0.00	51.00 -3.55 0.00
S SALMON___HYD 24043	40.32 -1.08 0.00	38.44 -0.98 0.00	37.77 -1.01 0.00	38.44 -0.98 0.00	39.60 -1.01 0.00	45.48 -1.07 0.00	52.86 -1.08 0.00	54.10 -0.94 -0.05	53.99 -1.05 0.00	53.01 -1.14 0.00	51.50 -1.00 0.00	51.11 -1.15 0.00	49.77 -1.07 0.00	50.69 -1.19 0.00	53.82 -1.16 0.00	54.37 -0.89 0.00	55.00 -0.83 -0.51	59.25 -0.70 -1.35	58.22 -0.69 -0.98	54.90 -0.89 -0.29	54.62 -0.83 -0.18	53.50 -1.15 0.00	53.02 -1.19 0.00	53.29 -1.25 0.00
S.PERRY__115KV_TB1 80734	39.78 -1.61 0.00	38.00 -1.42 0.00	37.54 -1.24 0.00	38.00 -1.42 0.00	39.40 -1.22 0.00	45.76 -0.79 0.00	52.54 -1.40 0.00	53.50 -1.59 -0.12	53.17 -1.87 0.00	52.88 -2.27 -1.00	57.33 -2.21 -7.03	51.35 -2.40 -1.50	50.15 -2.54 -1.85	63.53 -2.33 -13.98	72.72 -2.09 -19.83	74.08 -1.71 -20.53	67.20 -1.44 -13.32	87.05 -0.70 -29.15	83.84 -0.75 -26.66	78.30 -0.89 -23.69	89.62 -1.16 -35.51	79.11 -1.58 -26.04	51.99 -2.22 0.00	52.42 -2.13 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	37.09 -4.30 0.00	35.40 -4.02 0.00	34.98 -3.80 0.00	35.32 -4.10 0.00	36.64 -3.98 0.00	42.54 -4.00 0.00	47.90 -6.04 0.00	47.87 -7.20 -0.09	47.78 -7.27 0.00	46.72 -7.15 0.28	43.88 -6.67 1.96	45.20 -6.64 0.42	43.56 -6.76 0.52	41.32 -6.64 3.92	42.49 -6.93 5.56	42.65 -6.85 5.76	46.37 -6.92 2.04	47.61 -6.86 4.14	47.00 -6.78 4.16	43.11 -6.44 5.95	39.00 -6.74 9.53	40.62 -6.72 7.31	47.28 -6.94 0.00	48.05 -6.49 0.00

SAWYER___23_KV_LOAD 55526	37.09 -4.30 0.00	35.40 -4.02 0.00	34.98 -3.80 0.00	35.32 -4.10 0.00	36.64 -3.98 0.00	42.54 -4.00 0.00	47.90 -6.04 0.00	47.87 -7.20 -0.09	47.78 -7.27 0.00	46.72 -7.15 0.28	43.88 -6.67 1.96	45.20 -6.64 0.42	43.56 -6.76 0.52	41.32 -6.64 3.92	42.49 -6.93 5.56	42.65 -6.85 5.76	46.37 -6.92 2.04	47.61 -6.86 4.14	47.00 -6.78 4.16	43.11 -6.44 5.95	39.00 -6.74 9.53	40.62 -6.72 7.31	47.28 -6.94 0.00	48.05 -6.49 0.00
SELKIRK___I 23801	42.92 1.53 0.00	40.88 1.46 0.00	40.17 1.39 0.00	40.84 1.42 0.00	42.08 1.46 0.00	48.27 1.72 0.00	55.94 2.00 0.00	57.99 2.14 -0.87	57.99 2.09 -0.86	57.64 1.95 -1.55	54.95 1.84 -0.61	54.80 1.93 -0.61	53.33 1.83 -0.66	54.49 1.92 -0.70	57.95 2.14 -0.82	58.64 2.27 -1.11	66.56 2.27 -8.97	84.51 2.46 -23.44	77.51 2.43 -17.15	62.76 2.22 -5.04	60.75 2.32 -3.15	56.78 2.13 0.00	56.28 2.06 0.00	56.56 2.02 0.00
SELKIRK___II 23799	42.80 1.41 0.00	40.72 1.30 0.00	40.02 1.24 0.00	40.72 1.30 0.00	41.95 1.34 0.00	48.08 1.53 0.00	55.77 1.83 0.00	57.90 2.04 -0.88	58.10 2.09 -0.97	57.84 1.95 -1.74	55.08 1.89 -0.68	54.93 1.99 -0.69	53.42 1.83 -0.75	54.63 1.97 -0.78	58.11 2.20 -0.93	58.78 2.27 -1.25	66.68 2.27 -9.09	84.76 2.40 -23.75	77.73 2.43 -17.37	62.83 2.22 -5.10	60.73 2.27 -3.20	56.68 2.02 0.00	56.11 1.90 0.00	56.34 1.80 0.00
SENECA OSWGO___HYD 24041	40.11 -1.28 0.00	38.20 -1.22 0.00	37.61 -1.16 0.00	38.24 -1.18 0.00	39.36 -1.26 0.00	45.24 -1.30 0.00	52.54 -1.40 0.00	53.66 -1.37 -0.05	53.61 -1.43 0.00	52.63 -1.52 0.00	51.09 -1.42 0.00	50.74 -1.52 0.00	49.42 -1.42 0.00	50.32 -1.56 0.00	53.50 -1.48 0.00	54.10 -1.16 0.00	54.62 -1.27 -0.57	59.00 -1.12 -1.51	57.88 -1.16 -1.11	54.44 -1.39 -0.32	54.26 -1.22 -0.20	53.07 -1.59 0.00	52.64 -1.57 0.00	52.96 -1.58 0.00
SENECA___115KV_TB3 355854	37.54 -3.85 0.00	35.84 -3.59 0.00	35.36 -3.41 0.00	35.80 -3.63 0.00	37.16 -3.45 0.00	43.15 -3.40 0.00	48.65 -5.29 0.00	48.48 -6.60 -0.10	48.71 -6.33 0.00	47.52 -6.34 0.29	44.43 -6.04 2.03	45.97 -5.85 0.44	44.30 -6.00 0.54	41.85 -5.97 4.06	43.06 -6.16 5.76	43.21 -6.08 5.97	47.32 -5.81 2.19	48.30 -6.04 4.27	47.83 -5.62 4.48	43.53 -5.83 6.15	39.27 -6.14 9.86	40.90 -6.18 7.57	48.09 -6.13 0.00	48.71 -5.84 0.00
SENECA___ENERGY 23797	40.03 -1.36 0.00	38.12 -1.30 0.00	37.57 -1.20 0.00	38.20 -1.22 0.00	39.36 -1.26 0.00	45.43 -1.12 0.00	52.75 -1.19 0.00	53.59 -1.48 -0.09	53.39 -1.65 0.00	52.38 -1.84 -0.07	51.20 -1.79 -0.48	50.53 -1.83 -0.10	49.04 -1.93 -0.13	50.86 -1.97 -0.95	54.40 -1.93 -1.35	55.22 -1.44 -1.40	55.63 -1.44 -1.75	61.61 -1.23 -4.24	60.29 -1.72 -3.46	55.87 -2.09 -2.09	56.55 -1.72 -2.71	54.46 -1.97 -1.77	52.37 -1.84 0.00	52.75 -1.80 0.00
SHOEMAKER___GT 23640	43.01 1.61 0.00	40.92 1.50 0.00	40.21 1.44 0.00	40.92 1.50 0.00	42.16 1.54 0.00	48.27 1.72 0.00	56.10 2.16 0.00	58.15 2.58 -0.58	51.64 2.81 6.21	45.39 2.44 11.20	50.42 2.31 4.39	50.21 2.35 4.41	48.24 2.18 4.79	49.29 2.44 5.03	51.87 2.86 5.97	50.21 2.98 8.04	65.07 3.38 -6.37	78.95 3.69 -16.64	73.75 3.65 -12.17	62.29 3.22 -3.57	60.71 3.20 -2.24	57.33 2.68 0.00	56.66 2.44 0.00	56.84 2.29 0.00
SHOEMAKR_138KV_BK 111 55601	43.01 1.61 0.00	40.96 1.54 0.00	40.21 1.43 0.00	40.96 1.54 0.00	42.16 1.54 0.00	48.27 1.72 0.00	56.26 2.32 0.00	58.36 2.80 -0.58	51.70 2.75 6.10	45.70 2.55 10.99	50.45 2.26 4.31	50.18 2.25 4.32	48.38 2.24 4.70	49.22 2.28 4.94	51.66 2.53 5.86	50.30 2.93 7.89	64.77 3.43 -6.02	78.85 3.69 -16.55	73.68 3.65 -12.10	62.44 3.39 -3.55	60.81 3.32 -2.22	57.33 2.68 0.00	56.66 2.44 0.00	56.89 2.35 0.00
SHOREHAM_IC_1 23715	46.08 4.68 -0.01	43.85 4.41 -0.01	43.09 4.30 -0.01	43.80 4.38 0.00	45.20 4.59 0.00	51.76 5.21 0.00	61.87 6.25 -1.68	73.45 7.04 -11.43	69.29 7.21 -7.04	68.61 6.17 -8.29	61.69 5.93 -3.26	61.58 6.06 -3.27	60.34 5.95 -3.55	62.92 6.43 -4.61	69.78 7.70 -7.10	73.31 7.74 -10.32	84.38 7.74 -21.31	103.91 8.14 -37.16	91.17 8.11 -25.13	89.59 8.04 -26.05	74.72 8.01 -11.43	72.61 7.10 -10.85	67.76 7.00 -6.55	65.90 6.71 -4.65
SHOREHAM_IC_2 23716	46.08 4.68 -0.01	43.85 4.41 -0.01	43.09 4.30 -0.01	43.80 4.38 0.00	45.20 4.59 0.00	51.76 5.21 0.00	61.87 6.25 -1.68	73.45 7.04 -11.43	69.29 7.21 -7.04	68.61 6.17 -8.29	61.69 5.93 -3.26	61.58 6.06 -3.27	60.34 5.95 -3.55	62.92 6.43 -4.61	69.78 7.70 -7.10	73.31 7.74 -10.32	84.38 7.74 -21.31	103.91 8.14 -37.16	91.17 8.11 -25.13	89.59 8.04 -26.05	74.72 8.01 -11.43	72.61 7.10 -10.85	67.76 7.00 -6.55	65.90 6.71 -4.65
SISSONVILLE____ 23735	40.73 -0.66 0.00	38.79 -0.63 0.00	38.19 -0.58 0.00	38.79 -0.63 0.00	39.97 -0.65 0.00	45.34 -1.21 0.00	52.54 -1.40 0.00	53.22 -1.76 0.00	53.45 -1.60 0.00	52.74 -1.41 0.00	51.24 -1.26 0.00	50.95 -1.31 0.00	49.67 -1.17 0.00	50.58 -1.30 0.00	53.44 -1.54 0.00	53.22 -2.04 0.00	53.22 -2.10 0.00	56.20 -2.40 0.00	55.67 -2.26 0.00	53.45 -2.05 0.00	53.28 -1.99 0.00	53.18 -1.48 0.00	53.08 -1.14 0.00	53.51 -1.04 0.00
SITHE_IND_GS1 24169	39.61 -1.78 0.00	37.73 -1.69 0.00	37.15 -1.63 0.00	37.73 -1.69 0.00	38.87 -1.75 0.00	44.64 -1.91 0.00	51.73 -2.21 0.00	52.77 -2.26 -0.04	52.68 -2.37 0.00	51.77 -2.38 0.00	50.25 -2.26 0.00	49.85 -2.40 0.00	48.61 -2.24 0.00	49.49 -2.39 0.00	52.56 -2.42 0.00	53.05 -2.21 0.00	53.50 -2.27 -0.45	57.50 -2.29 -1.18	56.54 -2.26 -0.87	53.43 -2.33 -0.26	53.22 -2.21 -0.16	52.14 -2.51 0.00	51.78 -2.44 0.00	52.15 -2.40 0.00
SITHE_IND_GS2 24170	39.61 -1.78 0.00	37.73 -1.69 0.00	37.15 -1.63 0.00	37.73 -1.69 0.00	38.87 -1.75 0.00	44.64 -1.91 0.00	51.73 -2.21 0.00	52.77 -2.26 -0.04	52.68 -2.37 0.00	51.77 -2.38 0.00	50.25 -2.26 0.00	49.85 -2.40 0.00	48.61 -2.24 0.00	49.49 -2.39 0.00	52.56 -2.42 0.00	53.05 -2.21 0.00	53.50 -2.27 -0.45	57.50 -2.29 -1.18	56.54 -2.26 -0.87	53.43 -2.33 -0.26	53.22 -2.21 -0.16	52.14 -2.51 0.00	51.78 -2.44 0.00	52.15 -2.40 0.00
SITHE_IND_GS3 24171	39.61 -1.78 0.00	37.73 -1.69 0.00	37.15 -1.63 0.00	37.73 -1.69 0.00	38.87 -1.75 0.00	44.64 -1.91 0.00	51.73 -2.21 0.00	52.77 -2.26 -0.04	52.68 -2.37 0.00	51.77 -2.38 0.00	50.25 -2.26 0.00	49.85 -2.40 0.00	48.61 -2.24 0.00	49.49 -2.39 0.00	52.56 -2.42 0.00	53.05 -2.21 0.00	53.50 -2.27 -0.45	57.50 -2.29 -1.18	56.54 -2.26 -0.87	53.43 -2.33 -0.26	53.22 -2.21 -0.16	52.14 -2.51 0.00	51.78 -2.44 0.00	52.15 -2.40 0.00
SITHE_IND_GS4 24172	39.61 -1.78 0.00	37.73 -1.69 0.00	37.15 -1.63 0.00	37.73 -1.69 0.00	38.87 -1.75 0.00	44.64 -1.91 0.00	51.73 -2.21 0.00	52.77 -2.26 -0.04	52.68 -2.37 0.00	51.77 -2.38 0.00	50.25 -2.26 0.00	49.85 -2.40 0.00	48.61 -2.24 0.00	49.49 -2.39 0.00	52.56 -2.42 0.00	53.05 -2.21 0.00	53.50 -2.27 -0.45	57.50 -2.29 -1.18	56.54 -2.26 -0.87	53.43 -2.33 -0.26	53.22 -2.21 -0.16	52.14 -2.51 0.00	51.78 -2.44 0.00	52.15 -2.40 0.00

SITHE___BATAVIA 24024	38.33 -3.06 0.00	36.55 -2.88 0.00	36.02 -2.75 0.00	36.63 -2.80 0.00	37.81 -2.80 0.00	43.90 -2.65 0.00	50.06 -3.88 0.00	50.07 -5.00 -0.09	49.81 -5.23 0.00	48.86 -5.15 0.15	46.91 -4.57 1.03	46.49 -5.54 0.22	45.53 -5.03 0.27	44.23 -5.60 2.05	46.14 -5.94 2.90	47.67 -4.59 3.00	49.51 -5.09 0.72	52.99 -4.57 1.04	51.87 -4.52 1.54	47.03 -5.60 2.87	46.47 -3.98 4.82	44.78 -6.07 3.81	49.01 -5.21 0.00	50.02 -4.53 0.00
SITHE___INDEPEND 23800	39.57 -1.82 0.00	37.73 -1.70 0.00	37.15 -1.63 0.00	37.73 -1.70 0.00	38.87 -1.75 0.00	44.64 -1.91 0.00	51.67 -2.27 0.00	52.83 -2.20 -0.04	52.68 -2.37 0.00	51.77 -2.38 0.00	50.25 -2.26 0.00	49.96 -2.30 0.00	48.61 -2.24 0.00	49.60 -2.28 0.00	52.62 -2.36 0.00	53.05 -2.21 0.00	53.50 -2.27 -0.45	57.61 -2.17 -1.17	56.53 -2.26 -0.86	53.59 -2.16 -0.26	53.22 -2.21 -0.16	52.36 -2.30 0.00	51.78 -2.44 0.00	52.09 -2.45 0.00
SITHE___MASSENA 23902	41.72 0.33 0.00	39.70 0.28 0.00	39.12 0.35 0.00	39.74 0.31 0.00	40.94 0.32 0.00	46.50 -0.05 0.00	53.73 -0.21 0.00	54.49 -0.50 0.00	54.55 -0.50 0.00	53.93 -0.22 0.00	52.29 -0.21 0.00	52.15 -0.10 0.00	50.74 -0.10 0.00	51.72 -0.16 0.00	54.49 -0.50 0.00	54.37 -0.89 0.00	54.49 -0.83 0.00	57.55 -1.05 0.00	56.94 -0.99 0.00	55.05 -0.45 0.00	54.55 -0.72 0.00	54.60 -0.05 0.00	54.27 0.05 0.00	54.76 0.22 0.00
SITHE___OGDNSBRG 24021	42.01 0.62 0.00	40.05 0.63 0.00	39.40 0.62 0.00	40.01 0.59 0.00	41.27 0.65 0.00	46.87 0.33 0.00	54.32 0.38 0.00	54.93 -0.05 0.00	55.15 0.11 0.00	54.37 0.22 0.00	52.77 0.26 0.00	52.47 0.21 0.00	51.15 0.31 0.00	52.09 0.21 0.00	55.09 0.11 0.00	54.82 -0.44 0.00	54.88 -0.44 0.00	57.90 -0.70 0.00	57.41 -0.52 0.00	55.06 -0.44 0.00	54.83 -0.44 0.00	54.76 0.11 0.00	54.70 0.49 0.00	55.15 0.60 0.00
SITHE___STERLING 23777	42.18 0.78 0.00	40.21 0.79 0.00	39.47 0.70 0.00	40.17 0.75 0.00	41.43 0.81 0.00	47.71 1.16 0.00	55.56 1.62 0.00	57.11 2.09 -0.04	57.02 1.98 0.00	55.88 1.73 0.00	54.08 1.57 0.00	53.77 1.52 0.00	52.37 1.52 0.00	53.43 1.55 0.00	56.85 1.87 0.00	57.31 2.05 0.00	57.50 1.77 -0.41	61.62 1.93 -1.08	60.63 1.91 -0.79	57.29 1.55 -0.23	56.96 1.55 -0.15	55.86 1.20 0.00	55.36 1.14 0.00	55.64 1.09 0.00
SLEIGHT__34_KV_TB1 80719	39.36 -2.03 0.00	37.57 -1.85 0.00	37.03 -1.74 0.00	37.53 -1.89 0.00	38.79 -1.83 0.00	44.78 -1.77 0.00	51.62 -2.32 0.00	52.76 -2.31 -0.08	52.40 -2.64 0.00	51.44 -2.71 0.00	50.04 -2.47 0.00	49.70 -2.56 0.00	48.20 -2.64 0.00	49.34 -2.54 0.00	52.40 -2.58 0.00	52.94 -2.32 0.00	53.62 -2.54 -0.85	58.79 -2.05 -2.24	57.24 -2.32 -1.63	53.94 -2.05 -0.50	53.37 -2.21 -0.31	52.25 -2.40 0.00	51.34 -2.87 0.00	51.76 -2.78 0.00
SOUTH CAIRO___GT 23612	44.41 3.02 0.00	42.38 2.96 0.00	41.65 2.87 0.00	42.38 2.96 0.00	43.66 3.05 0.00	50.08 3.54 0.00	57.93 3.99 0.00	59.66 3.85 -0.83	59.72 4.18 -0.50	58.78 3.74 -0.89	56.27 3.41 -0.35	56.00 3.40 -0.35	54.43 3.20 -0.38	55.65 3.37 -0.40	59.20 3.74 -0.48	60.32 4.42 -0.64	68.26 4.32 -8.62	85.86 4.81 -22.45	78.98 4.63 -16.42	64.71 4.38 -4.82	62.66 4.37 -3.02	58.92 4.26 0.00	58.34 4.12 0.00	58.80 4.25 0.00
SOUTH HAMPTN___IC 23720	46.70 5.30 -0.01	44.44 5.01 -0.01	43.67 4.89 -0.01	44.39 4.97 0.00	45.82 5.20 0.00	52.46 5.91 0.00	62.74 7.12 -1.68	74.37 7.97 -11.42	70.23 8.14 -7.04	69.47 7.04 -8.29	62.43 6.67 -3.26	62.32 6.79 -3.27	61.11 6.71 -3.55	63.70 7.21 -4.61	70.71 8.63 -7.10	74.30 8.73 -10.31	85.42 8.80 -21.30	105.01 9.26 -37.15	92.32 9.27 -25.12	90.64 9.10 -26.04	75.65 8.95 -11.43	73.59 8.09 -10.85	68.62 7.86 -6.54	66.77 7.58 -4.64
SOUTHDOW_115KV_TB1 355954	38.16 -3.23 0.00	36.31 -3.11 0.00	35.95 -2.83 0.00	36.51 -2.92 0.00	38.02 -2.60 0.00	44.41 -2.14 0.00	50.16 -3.78 0.00	49.92 -5.17 -0.11	50.58 -4.46 0.00	49.44 -4.55 0.16	46.92 -4.46 1.13	47.83 -4.18 0.24	46.12 -4.42 0.30	44.96 -4.67 2.25	47.00 -4.78 3.20	47.09 -4.86 3.31	50.51 -4.26 0.55	53.06 -4.86 0.68	52.56 -4.17 1.20	47.29 -5.11 3.10	44.63 -5.36 5.28	44.82 -5.63 4.20	49.07 -5.15 0.00	49.42 -5.13 0.00
SOUTHOLD_69_KV_BK 2 55809	47.36 5.96 -0.01	44.99 5.56 -0.01	44.17 5.39 -0.01	44.86 5.44 0.00	45.86 5.24 0.00	52.92 6.38 0.00	63.98 8.36 -1.68	75.64 9.24 -11.42	71.11 9.03 -7.04	70.78 8.34 -8.29	63.64 7.88 -3.26	63.26 7.73 -3.27	61.97 7.58 -3.55	64.38 7.89 -4.61	71.21 9.13 -7.10	75.36 9.78 -10.31	86.65 9.96 -21.37	106.32 10.55 -37.17	93.61 10.54 -25.13	91.97 10.43 -26.04	76.82 10.11 -11.43	74.58 9.07 -10.85	69.44 8.67 -6.54	67.53 8.35 -4.64
SOUTHOLD___IC 23719	47.36 5.96 -0.01	45.03 5.60 -0.01	44.29 5.50 -0.01	45.02 5.60 0.00	46.47 5.85 0.00	53.15 6.61 0.00	63.65 8.04 -1.68	75.37 8.97 -11.42	71.16 9.08 -7.04	70.40 7.96 -8.29	63.27 7.51 -3.26	63.10 7.57 -3.27	61.82 7.42 -3.55	64.48 7.99 -4.61	71.59 9.51 -7.10	75.30 9.73 -10.31	86.52 9.90 -21.30	106.30 10.55 -37.15	93.54 10.49 -25.12	91.75 10.21 -26.04	76.71 10.01 -11.43	74.58 9.08 -10.85	69.54 8.78 -6.54	67.69 8.51 -4.64
SOUTH_FORK_WT_PWR 323839	47.44 6.04 -0.01	45.11 5.68 -0.01	44.37 5.59 -0.01	45.10 5.68 0.00	46.55 5.93 0.00	53.25 6.70 0.00	63.76 8.15 -1.68	75.47 9.07 -11.42	71.28 9.19 -7.04	70.45 8.01 -8.29	63.33 7.56 -3.26	63.15 7.63 -3.27	61.92 7.52 -3.55	64.58 8.09 -4.61	71.76 9.68 -7.10	75.46 9.89 -10.31	86.69 10.07 -21.30	106.48 10.73 -37.15	93.71 10.66 -25.12	91.86 10.32 -26.04	76.87 10.17 -11.43	74.68 9.18 -10.85	69.65 8.89 -6.54	67.86 8.67 -4.64
SPIERFLS_115KV_TB 1 80737	44.00 2.61 0.00	41.91 2.48 0.00	41.18 2.40 0.00	41.87 2.44 0.00	43.13 2.52 0.00	49.57 3.03 0.00	56.26 2.32 0.00	58.53 2.64 -0.91	58.47 2.48 -0.95	58.24 2.38 -1.71	55.43 2.26 -0.67	55.33 2.40 -0.67	53.76 2.19 -0.73	54.88 2.23 -0.77	58.31 2.42 -0.91	59.31 2.82 -1.23	67.63 2.82 -9.49	86.42 3.16 -24.64	79.14 3.19 -18.03	63.79 3.00 -5.30	61.46 2.87 -3.32	57.17 2.51 0.00	58.01 3.80 0.00	58.31 3.76 0.00
ST LAWRENCE____ 23600	41.31 -0.08 0.00	39.34 -0.08 0.00	38.74 -0.04 0.00	39.34 -0.08 0.00	40.58 -0.04 0.00	46.27 -0.28 0.00	53.45 -0.49 0.00	54.27 -0.72 0.00	54.27 -0.77 0.00	53.66 -0.49 0.00	52.03 -0.47 0.00	51.84 -0.42 0.00	50.49 -0.35 0.00	51.46 -0.42 0.00	54.27 -0.72 0.00	54.21 -1.05 0.00	54.27 -1.05 0.00	57.32 -1.29 0.00	56.65 -1.27 0.00	54.72 -0.78 0.00	54.28 -0.99 0.00	54.33 -0.33 0.00	54.00 -0.22 0.00	54.44 -0.11 0.00
STATE_CA_115KV_115_LB 55624	43.09 1.70 0.00	41.00 1.58 0.00	40.29 1.51 0.00	41.00 1.58 0.00	42.20 1.58 0.00	48.41 1.86 0.00	56.15 2.21 0.00	58.35 2.47 -0.89	58.46 2.42 -0.99	58.27 2.33 -1.79	55.52 2.31 -0.70	55.36 2.40 -0.70	53.95 2.34 -0.76	55.02 2.33 -0.80	58.35 2.42 -0.95	59.25 2.71 -1.28	67.32 2.71 -9.29	85.66 2.93 -24.12	78.47 2.90 -17.64	63.40 2.72 -5.18	61.17 2.65 -3.25	57.06 2.40 0.00	56.55 2.33 0.00	56.78 2.24 0.00

STATE_ST_34_KV_LOAD 55959	40.73 -0.66 0.00	38.79 -0.63 0.00	38.19 -0.58 0.00	38.83 -0.59 0.00	40.01 -0.61 0.00	46.13 -0.42 0.00	53.56 -0.38 0.00	54.74 -0.33 -0.09	54.60 -0.44 0.00	53.50 -0.65 0.00	51.93 -0.58 0.00	51.68 -0.57 0.00	50.23 -0.61 0.00	51.20 -0.67 0.00	54.43 -0.55 0.00	54.98 -0.28 0.00	55.98 -0.22 -0.88	61.06 0.12 -2.33	59.69 0.06 -1.71	55.89 -0.11 -0.50	55.36 -0.22 -0.31	54.16 -0.49 0.00	53.46 -0.76 0.00	53.73 -0.82 0.00
STATION 5_MISC_HYD 23604	38.83 -2.57 0.00	37.06 -2.36 0.00	36.49 -2.29 0.00	37.06 -2.36 0.00	38.22 -2.40 0.00	44.12 -2.42 0.00	50.71 -3.23 0.00	51.11 -3.96 -0.09	50.91 -4.13 0.00	49.98 -4.17 0.00	48.73 -3.78 0.00	47.66 -4.60 0.00	46.93 -3.91 0.00	47.37 -4.51 -0.01	50.26 -4.73 -0.01	51.57 -3.70 -0.01	52.11 -4.09 -0.88	57.30 -3.63 -2.33	55.91 -3.71 -1.69	51.86 -4.16 -0.52	52.34 -3.26 -0.33	50.07 -4.59 0.00	50.15 -4.07 0.00	50.89 -3.65 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	39.65 -1.74 0.00	37.89 -1.54 0.00	37.34 -1.43 0.00	37.85 -1.58 0.00	39.11 -1.50 0.00	45.20 -1.35 0.00	52.00 -1.94 0.00	53.09 -1.98 -0.09	52.79 -2.26 0.00	51.77 -2.38 0.00	50.30 -2.21 0.00	49.96 -2.30 0.00	48.45 -2.39 0.00	49.60 -2.28 0.00	52.67 -2.31 0.00	53.22 -2.04 0.00	54.10 -2.10 -0.88	59.34 -1.58 -2.31	57.82 -1.80 -1.69	54.40 -1.61 -0.51	53.77 -1.82 -0.32	52.58 -2.08 0.00	51.72 -2.49 0.00	52.15 -2.40 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	38.66 -2.73 0.00	36.94 -2.48 0.00	36.37 -2.40 0.00	36.82 -2.60 0.00	38.10 -2.52 0.00	44.03 -2.51 0.00	50.38 -3.56 0.00	51.38 -3.68 -0.09	50.97 -4.07 0.00	50.09 -4.06 0.00	48.78 -3.73 0.00	48.39 -3.87 0.00	46.88 -3.97 0.00	48.09 -3.79 0.00	51.03 -3.96 0.00	51.51 -3.76 0.00	52.21 -3.98 -0.87	57.50 -3.40 -2.30	55.84 -3.77 -1.67	52.79 -3.22 -0.51	52.17 -3.43 -0.32	51.11 -3.55 0.00	50.10 -4.12 0.00	50.62 -3.93 0.00
STA_56___34_KV_BUS2 355983	38.66 -2.73 0.00	36.94 -2.48 0.00	36.37 -2.40 0.00	36.82 -2.60 0.00	38.10 -2.52 0.00	44.03 -2.51 0.00	50.38 -3.56 0.00	51.38 -3.68 -0.09	50.97 -4.07 0.00	50.09 -4.06 0.00	48.78 -3.73 0.00	48.39 -3.87 0.00	46.88 -3.97 0.00	48.09 -3.79 0.00	51.03 -3.96 0.00	51.51 -3.76 0.00	52.21 -3.98 -0.87	57.50 -3.40 -2.30	55.84 -3.77 -1.67	52.79 -3.22 -0.51	52.17 -3.43 -0.32	51.11 -3.55 0.00	50.10 -4.12 0.00	50.62 -3.93 0.00
STA_67___115KV_BK2 355882	38.66 -2.73 0.00	36.94 -2.48 0.00	36.41 -2.37 0.00	36.82 -2.60 0.00	38.10 -2.52 0.00	44.03 -2.51 0.00	50.33 -3.61 0.00	51.33 -3.74 -0.09	50.86 -4.18 0.00	49.98 -4.17 0.00	48.67 -3.83 0.00	48.29 -3.97 0.00	46.78 -4.07 0.00	47.99 -3.89 0.00	50.92 -4.07 0.00	51.45 -3.81 0.00	52.11 -4.09 -0.88	57.40 -3.52 -2.31	55.73 -3.88 -1.68	52.74 -3.27 -0.52	52.12 -3.48 -0.33	51.05 -3.61 0.00	50.04 -4.17 0.00	50.62 -3.93 0.00
STA_7___115KV_9TRANS 80674	38.91 -2.48 0.00	37.22 -2.21 0.00	36.64 -2.13 0.00	37.06 -2.37 0.00	38.38 -2.23 0.00	44.36 -2.19 0.00	50.76 -3.18 0.00	51.72 -3.35 -0.09	51.35 -3.69 0.00	50.41 -3.74 0.00	49.09 -3.41 0.00	48.70 -3.55 0.00	47.18 -3.66 0.00	48.41 -3.48 -0.01	51.42 -3.57 -0.01	51.90 -3.37 -0.01	52.61 -3.60 -0.88	57.93 -2.99 -2.32	56.31 -3.30 -1.69	53.24 -2.78 -0.52	52.61 -2.98 -0.33	51.49 -3.17 0.00	50.42 -3.80 0.00	51.00 -3.55 0.00
STA_82___115KV_TB1 80780	38.66 -2.73 0.00	36.94 -2.48 0.00	36.41 -2.37 0.00	36.86 -2.56 0.00	38.14 -2.48 0.00	44.08 -2.47 0.00	50.38 -3.56 0.00	51.33 -3.74 -0.09	50.91 -4.13 0.00	49.98 -4.17 0.00	48.67 -3.83 0.00	48.29 -3.97 0.00	46.78 -4.07 0.00	48.00 -3.89 -0.01	50.98 -4.01 -0.01	51.46 -3.81 -0.01	52.17 -4.04 -0.89	57.42 -3.52 -2.34	55.81 -3.82 -1.70	52.75 -3.27 -0.52	52.13 -3.48 -0.34	51.06 -3.61 -0.01	50.10 -4.12 0.00	50.62 -3.93 0.00
STEEL___WIND 323596	37.63 -3.77 0.00	35.76 -3.67 0.00	35.29 -3.49 0.00	35.95 -3.47 0.00	37.12 -3.49 0.00	43.10 -3.44 0.00	48.93 -5.01 0.00	48.76 -6.32 -0.10	48.44 -6.61 0.00	47.36 -6.50 0.29	44.38 -6.09 2.04	45.50 -6.32 0.44	43.70 -6.61 0.54	41.38 -6.43 4.06	42.34 -6.87 5.76	43.16 -6.14 5.97	47.05 -6.09 2.18	48.01 -6.33 4.27	47.71 -5.74 4.48	42.08 -7.27 6.15	39.38 -6.02 9.86	39.60 -7.49 7.57	47.93 -6.29 0.00	48.93 -5.62 0.00
STEPHTWN_115KV_BK_2 55603	43.46 2.07 0.00	41.32 1.89 0.00	40.60 1.82 0.00	41.32 1.89 0.00	42.57 1.95 0.00	48.83 2.28 0.00	56.69 2.75 0.00	58.89 3.02 -0.88	59.02 2.97 -1.00	58.83 2.87 -1.81	55.99 2.78 -0.71	55.79 2.82 -0.71	54.31 2.69 -0.77	55.44 2.75 -0.81	58.80 2.86 -0.96	59.76 3.21 -1.30	67.78 3.26 -9.20	86.00 3.52 -23.88	78.93 3.53 -17.46	63.91 3.27 -5.13	61.69 3.21 -3.21	57.61 2.95 0.00	57.04 2.82 0.00	57.27 2.73 0.00
STEUBEN_REC_LFGE 323667	38.54 -2.86 0.00	36.82 -2.60 0.00	36.45 -2.33 0.00	37.02 -2.40 0.00	38.50 -2.11 0.00	44.73 -1.82 0.00	51.46 -2.48 0.00	52.10 -3.02 -0.14	52.13 -2.92 0.00	51.53 -3.30 -0.68	54.11 -3.20 -4.81	50.15 -3.14 -1.02	48.75 -3.36 -1.27	58.28 -3.16 -9.57	65.52 -3.02 -13.57	66.60 -2.71 -14.05	63.03 -2.21 -9.92	78.46 -2.17 -22.02	76.01 -1.74 -19.82	69.54 -2.55 -16.59	76.99 -2.82 -24.54	69.08 -3.39 -17.82	50.64 -3.58 0.00	50.89 -3.65 0.00
STILLWATER___SOLAR 323814	43.67 2.28 0.00	41.59 2.17 0.00	40.91 2.13 0.00	41.55 2.13 0.00	42.85 2.23 0.00	49.20 2.65 0.00	57.18 3.24 0.00	59.30 3.41 -0.91	59.43 3.41 -0.97	59.10 3.19 -1.76	56.29 3.10 -0.69	56.08 3.14 -0.69	54.54 2.95 -0.75	55.31 2.64 -0.79	58.88 2.97 -0.94	59.72 3.20 -1.26	67.96 3.26 -9.38	86.69 3.58 -24.51	79.45 3.59 -17.93	63.99 3.22 -5.27	61.77 3.20 -3.30	57.99 3.33 0.00	57.47 3.25 0.00	57.76 3.22 0.00
STONY___BROOK 24151	45.58 4.18 -0.01	43.37 3.94 -0.01	42.59 3.80 -0.01	43.33 3.90 0.00	44.68 4.06 0.00	51.16 4.61 0.00	61.18 5.56 -1.68	72.69 6.27 -11.44	68.64 6.55 -7.05	68.07 5.63 -8.29	61.17 5.41 -3.26	61.06 5.54 -3.27	59.84 5.44 -3.55	62.35 5.86 -4.61	69.12 7.04 -7.10	72.55 6.96 -10.32	83.79 7.14 -21.33	102.88 7.09 -37.19	90.14 7.06 -25.15	88.63 7.05 -26.08	73.85 7.13 -11.45	71.86 6.34 -10.87	66.95 6.18 -6.56	65.09 5.89 -4.65
STURGEON_POOL_HYD 23609	44.75 3.35 0.00	42.66 3.23 0.00	41.88 3.10 0.00	42.70 3.27 0.00	43.95 3.33 0.00	50.32 3.77 0.00	58.69 4.75 0.00	61.33 5.66 -0.68	59.69 5.50 0.85	57.65 5.04 1.54	56.42 4.52 0.60	56.15 4.49 0.61	54.56 4.37 0.66	55.75 4.57 0.69	59.22 5.06 0.82	59.85 5.69 1.10	68.85 6.42 -7.11	84.33 7.03 -18.69	78.38 6.78 -13.67	65.90 6.38 -4.01	64.08 6.30 -2.51	59.74 5.08 0.00	58.88 4.66 0.00	59.18 4.64 0.00
ST_LAW_115_BK7_LBMP 345037	41.35 -0.04 0.00	39.38 -0.04 0.00	38.78 0.00 0.00	39.38 -0.04 0.00	40.58 -0.04 0.00	46.27 -0.28 0.00	53.45 -0.49 0.00	54.21 -0.77 0.00	54.22 -0.82 0.00	53.66 -0.49 0.00	52.03 -0.47 0.00	51.84 -0.42 0.00	50.43 -0.41 0.00	51.46 -0.42 0.00	54.21 -0.77 0.00	54.16 -1.10 0.00	54.21 -1.11 0.00	57.26 -1.35 0.00	56.60 -1.33 0.00	54.72 -0.78 0.00	54.22 -1.05 0.00	54.33 -0.33 0.00	53.95 -0.27 0.00	54.44 -0.11 0.00

ST_LAW_115_BK8_LBMP 345038	41.35 -0.04 0.00	39.38 -0.04 0.00	38.78 0.00 0.00	39.38 -0.04 0.00	40.58 -0.04 0.00	46.27 -0.28 0.00	53.45 -0.49 0.00	54.21 -0.77 0.00	54.22 -0.82 0.00	53.66 -0.49 0.00	52.03 -0.47 0.00	51.84 -0.42 0.00	50.43 -0.41 0.00	51.46 -0.42 0.00	54.21 -0.77 0.00	54.16 -1.10 0.00	54.21 -1.11 0.00	57.26 -1.35 0.00	56.60 -1.33 0.00	54.72 -0.78 0.00	54.22 -1.05 0.00	54.33 -0.33 0.00	53.95 -0.27 0.00	54.44 -0.11 0.00
ST_LAW_230_BK5_LBMP 345035	41.31 -0.08 0.00	39.34 -0.08 0.00	38.74 -0.04 0.00	39.34 -0.08 0.00	40.58 -0.04 0.00	46.27 -0.28 0.00	53.45 -0.49 0.00	54.27 -0.72 0.00	54.27 -0.77 0.00	53.66 -0.49 0.00	52.03 -0.47 0.00	51.84 -0.42 0.00	50.49 -0.35 0.00	51.46 -0.42 0.00	54.27 -0.72 0.00	54.21 -1.05 0.00	54.27 -1.05 0.00	57.32 -1.29 0.00	56.65 -1.27 0.00	54.72 -0.78 0.00	54.28 -0.99 0.00	54.33 -0.33 0.00	54.00 -0.22 0.00	54.44 -0.11 0.00
ST_LAW_230_BK6_LBMP 345036	41.31 -0.08 0.00	39.34 -0.08 0.00	38.74 -0.04 0.00	39.34 -0.08 0.00	40.58 -0.04 0.00	46.27 -0.28 0.00	53.45 -0.49 0.00	54.27 -0.72 0.00	54.27 -0.77 0.00	53.66 -0.49 0.00	52.03 -0.47 0.00	51.84 -0.42 0.00	50.49 -0.35 0.00	51.46 -0.42 0.00	54.27 -0.72 0.00	54.21 -1.05 0.00	54.27 -1.05 0.00	57.32 -1.29 0.00	56.65 -1.27 0.00	54.72 -0.78 0.00	54.28 -0.99 0.00	54.33 -0.33 0.00	54.00 -0.22 0.00	54.44 -0.11 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	43.26 1.86 0.00	41.16 1.73 0.00	40.40 1.63 0.00	41.16 1.73 0.00	42.36 1.75 0.00	48.50 1.95 0.00	56.58 2.64 0.00	58.82 3.24 -0.60	51.59 3.14 6.59	45.19 2.92 11.88	50.47 2.63 4.66	50.25 2.67 4.67	48.40 2.64 5.08	49.24 2.70 5.34	51.57 2.91 6.33	50.10 3.37 8.53	65.39 3.82 -6.25	79.73 4.10 -17.03	74.44 4.06 -12.45	62.93 3.77 -3.65	61.21 3.65 -2.29	57.60 2.95 0.00	56.93 2.71 0.00	57.16 2.62 0.00
SWANROAD_115KV_TB1 355699	36.22 -5.17 0.00	34.61 -4.81 0.00	34.16 -4.61 0.00	34.50 -4.93 0.00	35.78 -4.83 0.00	41.52 -5.03 0.00	46.60 -7.34 0.00	46.71 -8.36 -0.09	46.40 -8.64 0.00	45.43 -8.50 0.22	43.60 -7.40 1.50	44.04 -7.89 0.33	42.76 -7.68 0.41	41.42 -7.47 2.98	42.84 -7.92 4.23	43.15 -7.74 4.38	45.72 -8.13 1.47	48.08 -7.97 2.55	46.73 -8.17 3.03	43.85 -7.22 4.43	40.63 -7.46 7.18	41.72 -7.38 5.55	46.03 -8.19 0.00	46.85 -7.69 0.00
SYNERGY___BIOGAS 323694	38.33 -3.06 0.00	36.55 -2.88 0.00	36.02 -2.75 0.00	36.63 -2.80 0.00	37.81 -2.80 0.00	43.90 -2.65 0.00	50.06 -3.88 0.00	50.07 -5.00 -0.09	49.81 -5.23 0.00	48.86 -5.15 0.15	46.91 -4.57 1.03	46.49 -5.54 0.22	45.53 -5.03 0.27	44.23 -5.60 2.05	46.14 -5.94 2.90	47.67 -4.59 3.00	49.51 -5.09 0.72	52.99 -4.57 1.04	51.87 -4.52 1.54	47.03 -5.60 2.87	46.47 -3.98 4.82	44.78 -6.07 3.81	49.01 -5.21 0.00	50.02 -4.53 0.00
SYRACUSE___ENERGY_ST1 323597	40.61 -0.79 0.00	38.67 -0.75 0.00	38.12 -0.66 0.00	38.71 -0.71 0.00	39.88 -0.73 0.00	45.85 -0.70 0.00	53.24 -0.70 0.00	54.45 -0.60 -0.07	54.27 -0.77 0.00	53.28 -0.87 0.00	51.72 -0.79 0.00	51.47 -0.78 0.00	50.03 -0.81 0.00	51.05 -0.83 0.00	54.21 -0.77 0.00	54.71 -0.55 0.00	55.49 -0.55 -0.72	60.15 -0.35 -1.90	58.91 -0.41 -1.39	55.46 -0.44 -0.41	54.97 -0.55 -0.26	53.89 -0.77 0.00	53.29 -0.92 0.00	53.56 -0.98 0.00
SYRACUSE___ENERGY_ST2 323598	40.61 -0.79 0.00	38.67 -0.75 0.00	38.12 -0.66 0.00	38.71 -0.71 0.00	39.88 -0.73 0.00	45.85 -0.70 0.00	53.24 -0.70 0.00	54.45 -0.60 -0.07	54.27 -0.77 0.00	53.28 -0.87 0.00	51.72 -0.79 0.00	51.47 -0.78 0.00	50.03 -0.81 0.00	51.05 -0.83 0.00	54.21 -0.77 0.00	54.71 -0.55 0.00	55.49 -0.55 -0.72	60.15 -0.35 -1.90	58.91 -0.41 -1.39	55.46 -0.44 -0.41	54.97 -0.55 -0.26	53.89 -0.77 0.00	53.29 -0.92 0.00	53.56 -0.98 0.00
SYRACUSE___POWER 24017	40.56 -0.83 0.00	38.63 -0.79 0.00	38.04 -0.74 0.00	38.63 -0.79 0.00	39.84 -0.77 0.00	45.80 -0.74 0.00	53.13 -0.81 0.00	54.40 -0.66 -0.07	54.22 -0.83 0.00	53.23 -0.92 0.00	51.61 -0.89 0.00	51.37 -0.89 0.00	49.98 -0.86 0.00	51.00 -0.88 0.00	54.16 -0.82 0.00	54.65 -0.61 0.00	55.46 -0.61 -0.75	60.17 -0.41 -1.97	58.91 -0.46 -1.44	55.37 -0.56 -0.42	54.93 -0.61 -0.27	53.78 -0.87 0.00	53.19 -1.03 0.00	53.45 -1.09 0.00
TALLMAN___138KV_BK151 55660	43.50 2.11 0.00	41.39 1.97 0.00	40.64 1.86 0.00	41.39 1.97 0.00	42.61 1.99 0.00	48.78 2.23 0.00	57.01 3.07 0.00	59.34 3.74 -0.62	51.06 3.58 7.56	43.86 3.36 13.64	50.20 3.05 5.35	49.97 3.08 5.37	48.11 3.10 5.84	48.91 3.16 6.13	51.07 3.35 7.27	49.28 3.81 9.79	65.92 4.09 -6.51	80.49 4.40 -17.49	75.06 4.34 -12.79	63.31 4.05 -3.75	61.54 3.92 -2.35	57.88 3.22 0.00	57.14 2.93 0.00	57.33 2.78 0.00
TEALLAVE_115KV_TB7 355573	40.36 -1.03 0.00	38.44 -0.99 0.00	37.88 -0.89 0.00	38.48 -0.95 0.00	39.64 -0.97 0.00	45.62 -0.93 0.00	52.81 -1.13 0.00	54.05 -0.99 -0.06	53.94 -1.10 0.00	52.96 -1.19 0.00	51.35 -1.16 0.00	51.11 -1.15 0.00	49.72 -1.12 0.00	50.74 -1.14 0.00	53.88 -1.10 0.00	54.38 -0.88 0.00	55.02 -0.94 -0.63	59.50 -0.76 -1.66	58.27 -0.87 -1.21	54.97 -0.89 -0.36	54.55 -0.94 -0.22	53.51 -1.15 0.00	52.86 -1.36 0.00	53.18 -1.36 0.00
TELGRAPH_34_KV_EAST 80808	37.42 -3.97 0.00	35.80 -3.63 0.00	35.33 -3.45 0.00	35.68 -3.75 0.00	37.00 -3.61 0.00	42.96 -3.58 0.00	48.44 -5.50 0.00	48.75 -6.32 -0.09	48.49 -6.55 0.00	47.47 -6.50 0.18	45.49 -5.78 1.24	45.87 -6.11 0.27	44.46 -6.05 0.33	43.61 -5.81 2.46	45.39 -6.10 3.49	45.73 -5.91 3.62	48.13 -6.14 1.05	51.08 -5.80 1.73	49.76 -5.97 2.20	46.61 -5.33 3.56	43.82 -5.58 5.87	44.44 -5.63 4.59	47.87 -6.34 0.00	48.60 -5.95 0.00
TEMPLE___115KV_TB 2 55572	40.40 -0.99 0.00	38.48 -0.95 0.00	37.88 -0.89 0.00	38.48 -0.95 0.00	39.64 -0.97 0.00	45.62 -0.93 0.00	52.86 -1.08 0.00	54.11 -0.93 -0.06	53.94 -1.10 0.00	52.96 -1.19 0.00	51.40 -1.10 0.00	51.16 -1.10 0.00	49.72 -1.12 0.00	50.79 -1.09 0.00	53.88 -1.10 0.00	54.38 -0.88 0.00	55.08 -0.89 -0.64	59.58 -0.70 -1.68	58.35 -0.81 -1.23	55.03 -0.83 -0.36	54.56 -0.94 -0.23	53.51 -1.15 0.00	52.92 -1.30 0.00	53.18 -1.36 0.00
TIANA____69_KV_BK 1 55817	46.53 5.13 -0.01	44.20 4.77 -0.01	43.40 4.61 -0.01	44.08 4.65 0.00	45.12 4.51 0.00	51.99 5.45 0.00	62.84 7.23 -1.68	74.43 8.03 -11.42	69.90 7.82 -7.04	69.69 7.26 -8.29	62.64 6.88 -3.26	62.27 6.74 -3.27	61.01 6.61 -3.55	63.39 6.90 -4.61	70.05 7.97 -7.10	74.09 8.51 -10.31	85.21 8.52 -21.37	104.74 8.97 -37.16	92.04 8.98 -25.13	90.59 9.05 -26.04	75.55 8.84 -11.43	73.32 7.82 -10.85	68.24 7.48 -6.54	66.39 7.20 -4.64
TILDEN___115KV_TB1 80814	40.56 -0.83 0.00	38.63 -0.79 0.00	38.04 -0.74 0.00	38.63 -0.79 0.00	39.84 -0.77 0.00	45.80 -0.74 0.00	53.13 -0.81 0.00	54.40 -0.66 -0.07	54.22 -0.83 0.00	53.23 -0.92 0.00	51.61 -0.89 0.00	51.37 -0.89 0.00	49.98 -0.86 0.00	51.00 -0.88 0.00	54.16 -0.82 0.00	54.65 -0.61 0.00	55.46 -0.61 -0.75	60.17 -0.41 -1.97	58.91 -0.46 -1.44	55.37 -0.56 -0.42	54.93 -0.61 -0.27	53.78 -0.87 0.00	53.19 -1.03 0.00	53.45 -1.09 0.00

TRIGEN__CC 323695	44.55 3.15 -0.01	42.39 2.96 -0.01	41.62 2.83 -0.01	42.34 2.92 0.00	43.42 2.80 0.00	49.90 3.35 0.00	60.77 4.42 -2.40	76.12 5.06 -16.08	68.10 4.95 -8.10	67.15 4.71 -8.29	60.18 4.41 -3.26	59.97 4.44 -3.27	58.77 4.37 -3.56	61.25 4.41 -4.96	68.01 4.89 -8.13	72.56 5.31 -11.99	88.33 5.42 -27.59	109.66 5.68 -45.37	93.85 5.68 -30.25	96.52 5.38 -35.64	75.50 5.36 -14.87	74.25 4.59 -15.01	67.66 4.39 -9.05	65.12 4.15 -6.43
TRINITY__115KV__ 4 BK 55933	43.01 1.61 0.00	40.88 1.46 0.00	40.17 1.40 0.00	40.88 1.46 0.00	42.12 1.50 0.00	48.27 1.72 0.00	55.99 2.05 0.00	58.18 2.31 -0.88	58.30 2.26 -1.01	58.13 2.17 -1.81	55.37 2.15 -0.71	55.17 2.19 -0.71	53.75 2.14 -0.78	54.87 2.18 -0.82	58.20 2.25 -0.97	59.10 2.54 -1.30	67.08 2.54 -9.22	85.23 2.70 -23.93	78.10 2.66 -17.50	63.20 2.55 -5.14	60.98 2.49 -3.22	56.90 2.24 0.00	56.39 2.17 0.00	56.62 2.07 0.00
UNION__PROCESSING_DRP 323587	38.66 -2.73 0.00	36.98 -2.44 0.00	36.41 -2.37 0.00	36.86 -2.56 0.00	38.14 -2.48 0.00	44.08 -2.47 0.00	50.38 -3.56 0.00	51.33 -3.74 -0.09	50.91 -4.13 0.00	49.98 -4.17 0.00	48.73 -3.78 0.00	48.29 -3.97 0.00	46.83 -4.02 0.00	48.00 -3.89 -0.01	50.98 -4.01 -0.01	51.46 -3.81 -0.01	52.17 -4.04 -0.89	57.49 -3.46 -2.34	55.81 -3.82 -1.71	52.75 -3.27 -0.52	52.13 -3.48 -0.34	51.12 -3.55 -0.01	50.10 -4.12 0.00	50.62 -3.93 0.00
UPPER HUDSON__HYD 24058	43.96 2.57 0.00	41.91 2.49 0.00	41.18 2.40 0.00	41.83 2.41 0.00	43.14 2.52 0.00	49.57 3.02 0.00	57.77 3.83 0.00	59.85 3.96 -0.91	59.90 3.91 -0.95	59.59 3.73 -1.71	56.79 3.62 -0.67	56.64 3.71 -0.67	55.03 3.46 -0.73	54.93 2.28 -0.77	58.42 2.53 -0.91	59.25 2.76 -1.23	67.62 2.87 -9.42	86.40 3.16 -24.63	79.13 3.18 -18.02	63.62 2.83 -5.29	61.40 2.82 -3.31	58.54 3.88 0.00	58.01 3.79 0.00	58.31 3.76 0.00
UPPER RAQUET__HYD 24056	40.73 -0.66 0.00	38.79 -0.63 0.00	38.20 -0.58 0.00	38.79 -0.63 0.00	39.96 -0.65 0.00	45.38 -1.16 0.00	52.54 -1.40 0.00	53.33 -1.65 0.00	53.34 -1.71 0.00	52.74 -1.41 0.00	51.19 -1.31 0.00	51.00 -1.25 0.00	49.68 -1.17 0.00	50.58 -1.29 0.00	53.28 -1.70 0.00	53.16 -2.10 0.00	53.33 -1.99 0.00	56.32 -2.29 0.00	55.73 -2.20 0.00	53.95 -1.55 0.00	53.39 -1.88 0.00	53.45 -1.20 0.00	53.08 -1.14 0.00	53.51 -1.04 0.00
VALLEY44_115KV_TB2 355964	38.58 -2.81 0.00	36.74 -2.68 0.00	36.29 -2.48 0.00	36.78 -2.64 0.00	38.10 -2.52 0.00	44.22 -2.33 0.00	50.27 -3.67 0.00	49.38 -5.72 -0.11	50.64 -4.40 0.00	49.49 -4.55 0.11	46.75 -4.99 0.76	47.81 -4.29 0.16	46.22 -4.42 0.20	45.67 -4.67 1.54	48.18 -4.62 2.18	48.36 -4.64 2.26	52.16 -3.26 -0.11	54.94 -4.45 -0.79	55.27 -2.78 -0.12	48.57 -5.05 1.88	46.62 -5.20 3.45	46.27 -5.52 2.86	49.82 -4.39 0.00	50.35 -4.20 0.00
VALLEY__115KV_TB 1-4 80826	41.52 0.12 0.00	39.58 0.16 0.00	38.89 0.12 0.00	39.62 0.20 0.00	40.86 0.24 0.00	46.87 0.33 0.00	54.43 0.49 0.00	55.59 0.60 0.00	55.65 0.61 0.00	54.75 0.60 0.00	53.08 0.58 0.00	52.88 0.63 0.00	51.45 0.61 0.00	52.45 0.57 0.00	55.64 0.66 0.00	55.98 0.72 0.00	56.10 0.77 0.00	59.43 0.82 0.00	58.74 0.81 0.00	56.17 0.67 0.00	55.88 0.61 0.00	55.15 0.49 0.00	54.65 0.43 0.00	54.98 0.44 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	43.59 2.19 0.00	41.59 2.17 0.00	40.75 1.98 0.00	41.51 2.09 0.00	42.81 2.19 0.00	49.25 2.70 0.00	57.45 3.51 0.00	59.24 3.96 -0.30	58.32 3.85 0.57	56.58 3.47 1.03	55.30 3.20 0.40	54.99 3.14 0.41	53.55 3.15 0.44	54.53 3.11 0.46	58.00 3.57 0.55	58.28 3.76 0.74	62.60 4.09 -3.19	71.30 4.28 -8.41	68.44 4.34 -6.16	61.29 4.00 -1.79	60.26 3.87 -1.12	58.04 3.39 0.00	57.47 3.25 0.00	57.71 3.16 0.00
VISCHER__FERRY HYD 24020	43.34 1.95 0.00	41.28 1.85 0.00	40.56 1.78 0.00	41.24 1.81 0.00	42.49 1.87 0.00	48.74 2.19 0.00	56.58 2.64 0.00	58.79 2.91 -0.89	59.05 2.97 -1.04	58.79 2.76 -1.88	55.92 2.68 -0.74	55.76 2.77 -0.74	54.24 2.59 -0.80	55.32 2.59 -0.84	58.84 2.86 -1.00	59.65 3.04 -1.35	67.60 3.04 -9.24	86.05 3.28 -24.16	78.90 3.30 -17.67	63.69 2.99 -5.19	61.50 2.98 -3.25	57.44 2.79 0.00	56.93 2.71 0.00	57.16 2.62 0.00
V_A_10_SYNC_DSASP 323832	37.38 -4.01 0.00	35.64 -3.78 0.00	35.13 -3.65 0.00	35.72 -3.71 0.00	36.80 -3.82 0.00	42.54 -4.00 0.00	48.55 -5.39 0.00	48.49 -6.60 -0.11	48.11 -6.94 0.00	47.24 -6.77 0.14	45.34 -6.20 0.97	44.84 -7.21 0.21	44.28 -6.31 0.25	42.75 -7.21 1.92	44.56 -7.70 2.73	46.14 -6.30 2.82	47.62 -7.03 0.67	50.99 -6.68 0.94	49.70 -6.78 1.45	45.76 -7.21 2.53	44.93 -5.91 4.42	43.48 -7.60 3.58	47.60 -6.62 0.00	48.65 -5.89 0.00
V_CMM_10_SYNC_DSASP 323787	41.56 0.17 0.00	39.54 0.12 0.00	38.97 0.19 0.00	39.58 0.16 0.00	40.78 0.16 0.00	46.50 -0.05 0.00	53.73 -0.21 0.00	54.49 -0.50 0.00	54.49 -0.55 0.00	53.88 -0.27 0.00	52.29 -0.21 0.00	52.10 -0.16 0.00	50.74 -0.10 0.00	51.72 -0.16 0.00	54.49 -0.50 0.00	54.37 -0.89 0.00	54.43 -0.89 0.00	57.49 -1.12 0.00	56.89 -1.04 0.00	55.00 -0.50 0.00	54.50 -0.77 0.00	54.60 -0.05 0.00	54.27 0.05 0.00	54.71 0.16 0.00
V_CMP_10_SYNC_DSASP 323788	41.27 -0.12 0.00	39.27 -0.16 0.00	38.74 -0.04 0.00	39.31 -0.12 0.00	40.49 -0.12 0.00	46.27 -0.28 0.00	53.02 -0.92 0.00	53.82 -1.16 0.00	53.88 -1.16 0.00	53.34 -0.81 0.00	51.88 -0.63 0.00	51.63 -0.62 0.00	50.33 -0.51 0.00	51.36 -0.52 0.00	54.05 -0.94 0.00	54.04 -1.22 0.00	54.33 -0.99 0.00	57.55 -1.05 0.00	57.00 -0.93 0.00	55.11 -0.39 0.00	54.50 -0.77 0.00	54.44 -0.22 0.00	54.11 -0.11 0.00	54.98 0.43 0.00
V_D_10_SYNC_DSASP 323841	41.72 0.33 0.00	39.70 0.28 0.00	39.12 0.35 0.00	39.74 0.31 0.00	40.94 0.32 0.00	46.50 -0.05 0.00	53.78 -0.16 0.00	54.49 -0.50 0.00	54.55 -0.50 0.00	53.93 -0.22 0.00	52.35 -0.16 0.00	52.15 -0.10 0.00	50.74 -0.10 0.00	51.78 -0.10 0.00	54.49 -0.50 0.00	54.43 -0.83 0.00	54.49 -0.83 0.00	57.55 -1.05 0.00	56.94 -0.99 0.00	55.05 -0.45 0.00	54.55 -0.72 0.00	54.65 0.00 0.00	54.33 0.11 0.00	54.76 0.22 0.00
V_E_10_SYNC_DSASP 323830	43.50 2.11 0.00	41.55 2.13 0.00	40.64 1.86 0.00	41.47 2.05 0.00	42.77 2.15 0.00	49.62 3.07 0.00	58.15 4.21 0.00	64.31 9.07 -0.26	63.12 8.58 0.50	60.82 7.58 0.91	59.02 6.88 0.36	58.32 6.43 0.36	56.76 6.30 0.39	57.90 6.43 0.41	62.46 7.97 0.49	63.17 8.57 0.66	67.85 9.74 -2.79	70.15 5.68 -5.86	67.96 5.74 -4.29	61.51 4.77 -1.24	60.74 4.70 -0.77	58.59 3.94 0.00	57.79 3.58 0.00	58.14 3.60 0.00
V_F_30_NSYNC__DSASP 323816	43.71 2.32 0.00	41.63 2.21 0.00	40.91 2.13 0.00	41.59 2.17 0.00	42.85 2.23 0.00	49.20 2.65 0.00	57.23 3.29 0.00	59.30 3.41 -0.91	59.42 3.41 -0.96	59.13 3.25 -1.74	56.33 3.15 -0.68	56.13 3.19 -0.68	54.58 3.00 -0.74	55.35 2.70 -0.78	58.93 3.02 -0.92	59.71 3.20 -1.25	67.98 3.26 -9.40	86.75 3.58 -24.57	79.49 3.59 -17.97	64.05 3.27 -5.28	61.84 3.26 -3.31	57.99 3.33 0.00	57.52 3.31 0.00	57.82 3.27 0.00

V_F_30_SYNC_DSASP 323786	43.09 1.70 0.00	41.00 1.58 0.00	40.29 1.51 0.00	40.96 1.54 0.00	42.20 1.58 0.00	48.41 1.86 0.00	56.15 2.21 0.00	58.35 2.47 -0.89	58.46 2.42 -0.99	58.27 2.33 -1.79	55.52 2.31 -0.70	55.36 2.40 -0.70	53.90 2.29 -0.77	55.02 2.33 -0.80	58.35 2.42 -0.95	59.25 2.71 -1.28	67.32 2.71 -9.28	85.64 2.93 -24.11	78.46 2.90 -17.63	63.40 2.72 -5.18	61.17 2.65 -3.24	57.06 2.40 0.00	56.55 2.33 0.00	56.78 2.24 0.00
V_XM_10_SYNC_DSASP 323789	41.27 -0.12 0.00	39.27 -0.16 0.00	38.74 -0.04 0.00	39.31 -0.12 0.00	40.49 -0.12 0.00	46.27 -0.28 0.00	53.02 -0.92 0.00	53.82 -1.16 0.00	53.88 -1.16 0.00	53.34 -0.81 0.00	51.88 -0.63 0.00	51.63 -0.62 0.00	50.33 -0.51 0.00	51.36 -0.52 0.00	54.05 -0.94 0.00	54.04 -1.22 0.00	54.33 -0.99 0.00	57.55 -1.05 0.00	57.00 -0.93 0.00	55.11 -0.39 0.00	54.50 -0.77 0.00	54.44 -0.22 0.00	54.11 -0.11 0.00	54.98 0.43 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	43.63 2.24 0.00	41.51 2.09 0.00	40.75 1.98 0.00	41.55 2.13 0.00	42.77 2.15 0.00	48.97 2.42 0.00	57.18 3.24 0.00	59.52 3.90 -0.63	51.00 3.74 7.79	43.62 3.52 14.05	50.20 3.20 5.51	49.97 3.24 5.53	48.03 3.20 6.01	48.83 3.27 6.31	51.02 3.52 7.48	49.16 3.98 10.08	66.16 4.26 -6.58	80.77 4.57 -17.59	75.31 4.52 -12.87	63.49 4.22 -3.78	61.72 4.09 -2.36	57.99 3.33 0.00	57.31 3.09 0.00	57.49 2.95 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	43.96 2.57 0.00	41.79 2.37 0.00	41.03 2.25 0.00	41.83 2.40 0.00	43.05 2.44 0.00	49.29 2.75 0.00	57.66 3.72 0.00	60.22 4.56 -0.68	64.17 4.51 -4.62	66.76 4.28 -8.33	59.66 3.89 -3.27	59.45 3.92 -3.28	58.32 3.91 -3.56	59.56 3.94 -3.74	63.65 4.23 -4.43	65.93 4.70 -5.97	67.29 4.92 -7.05	82.07 5.22 -18.25	76.49 5.21 -13.35	64.25 4.83 -3.92	62.42 4.70 -2.45	58.53 3.88 0.00	57.79 3.58 0.00	57.98 3.44 0.00
W50THST__13_KV_LOAD 356117	44.12 2.73 0.00	41.95 2.52 0.00	41.14 2.37 0.00	41.99 2.56 0.00	43.17 2.56 0.00	49.48 2.93 0.00	57.93 3.99 0.00	60.55 4.89 -0.68	64.45 4.79 -4.62	67.08 4.60 -8.33	59.97 4.20 -3.27	59.77 4.23 -3.28	58.58 4.17 -3.56	59.87 4.25 -3.74	63.93 4.51 -4.43	66.26 5.03 -5.97	67.62 5.26 -7.05	82.42 5.57 -18.25	76.78 5.50 -13.35	64.52 5.11 -3.92	62.70 4.97 -2.45	58.81 4.15 0.00	58.07 3.85 0.00	58.20 3.65 0.00
WADING RIVER_IC_1 23522	46.16 4.76 -0.01	43.89 4.45 -0.01	43.13 4.34 -0.01	43.88 4.45 0.00	45.24 4.63 0.00	51.81 5.26 0.00	61.98 6.36 -1.68	73.50 7.10 -11.42	69.41 7.32 -7.04	68.72 6.28 -8.29	61.75 5.98 -3.26	61.64 6.11 -3.27	60.44 6.05 -3.55	62.98 6.48 -4.61	69.88 7.80 -7.10	73.42 7.84 -10.31	84.42 7.80 -21.30	103.90 8.14 -37.15	91.16 8.11 -25.12	89.69 8.16 -26.03	74.77 8.07 -11.43	72.72 7.21 -10.85	67.80 7.05 -6.54	65.95 6.76 -4.64
WADING RIVER_IC_2 23547	46.16 4.76 -0.01	43.89 4.45 -0.01	43.13 4.34 -0.01	43.88 4.45 0.00	45.24 4.63 0.00	51.81 5.26 0.00	61.98 6.36 -1.68	73.50 7.10 -11.42	69.41 7.32 -7.04	68.72 6.28 -8.29	61.75 5.98 -3.26	61.64 6.11 -3.27	60.44 6.05 -3.55	62.98 6.48 -4.61	69.88 7.80 -7.10	73.42 7.84 -10.31	84.42 7.80 -21.30	103.90 8.14 -37.15	91.16 8.11 -25.12	89.69 8.16 -26.03	74.77 8.07 -11.43	72.72 7.21 -10.85	67.80 7.05 -6.54	65.95 6.76 -4.64
WADING RIVER_IC_3 23601	46.16 4.76 -0.01	43.89 4.45 -0.01	43.13 4.34 -0.01	43.88 4.45 0.00	45.24 4.63 0.00	51.81 5.26 0.00	61.98 6.36 -1.68	73.50 7.10 -11.42	69.41 7.32 -7.04	68.72 6.28 -8.29	61.75 5.98 -3.26	61.64 6.11 -3.27	60.44 6.05 -3.55	62.98 6.48 -4.61	69.88 7.80 -7.10	73.42 7.84 -10.31	84.42 7.80 -21.30	103.90 8.14 -37.15	91.16 8.11 -25.12	89.69 8.16 -26.03	74.77 8.07 -11.43	72.72 7.21 -10.85	67.80 7.05 -6.54	65.95 6.76 -4.64
WALDENNY_12_KV_BK2 80841	37.46 -3.93 0.00	35.76 -3.67 0.00	35.29 -3.49 0.00	35.72 -3.71 0.00	37.04 -3.57 0.00	43.06 -3.49 0.00	48.49 -5.45 0.00	48.37 -6.71 -0.10	48.55 -6.49 0.00	47.37 -6.50 0.28	44.44 -6.09 1.97	45.88 -5.96 0.42	44.22 -6.10 0.52	41.92 -6.02 3.94	43.18 -6.21 5.59	43.33 -6.13 5.79	47.24 -5.97 2.11	48.44 -6.10 4.07	47.82 -5.79 4.32	43.66 -5.88 5.96	39.57 -6.14 9.56	41.13 -6.18 7.35	47.93 -6.29 0.00	48.60 -5.95 0.00
WALDEN__HYDRO 24148	43.63 2.24 0.00	41.55 2.13 0.00	40.79 2.02 0.00	41.59 2.17 0.00	42.81 2.19 0.00	49.01 2.47 0.00	57.12 3.18 0.00	59.46 3.85 -0.63	56.15 3.74 2.64	52.85 3.47 4.76	53.73 3.10 1.87	53.52 3.14 1.87	51.91 3.10 2.04	52.90 3.16 2.14	55.91 3.46 2.54	55.77 3.92 3.42	66.39 4.48 -6.59	81.08 4.86 -17.61	75.56 4.75 -12.88	63.72 4.44 -3.78	62.00 4.37 -2.36	58.21 3.55 0.00	57.47 3.25 0.00	57.71 3.16 0.00
WARRENSBURG____ 23737	43.96 2.57 0.00	41.91 2.49 0.00	41.18 2.40 0.00	41.83 2.41 0.00	43.14 2.52 0.00	49.57 3.02 0.00	57.77 3.83 0.00	59.85 3.96 -0.91	59.90 3.91 -0.95	59.59 3.73 -1.71	56.79 3.62 -0.67	56.64 3.71 -0.67	55.03 3.46 -0.73	54.93 2.28 -0.77	58.42 2.53 -0.91	59.25 2.76 -1.23	67.62 2.87 -9.42	86.40 3.16 -24.63	79.13 3.18 -18.02	63.62 2.83 -5.29	61.40 2.82 -3.31	58.54 3.88 0.00	58.01 3.79 0.00	58.31 3.76 0.00
WATERSIDE____6 8 9 23538	40.76 2.65 3.28	38.45 2.48 3.45	37.55 2.33 3.55	38.54 2.56 3.44	39.92 2.56 3.26	46.95 2.79 2.39	56.40 3.83 1.37	58.57 4.73 1.14	62.94 4.40 -3.49	65.91 4.22 -7.53	58.10 3.94 -1.66	57.87 3.97 -1.65	56.51 3.91 -1.75	58.03 3.99 -2.16	62.82 4.23 -3.60	65.13 4.70 -5.18	51.17 4.92 9.08	60.15 5.27 3.73	61.65 5.16 1.44	48.40 4.88 11.98	45.72 4.75 14.31	55.79 3.94 2.79	56.08 3.69 1.82	56.70 3.65 1.50
WATKINRD_115KV_LN8_ILLION 55919	41.72 0.33 0.00	39.78 0.35 0.00	39.09 0.31 0.00	39.78 0.35 0.00	40.98 0.37 0.00	47.06 0.51 0.00	54.59 0.65 0.00	55.75 0.77 0.00	55.81 0.77 0.00	54.85 0.70 0.00	53.13 0.63 0.00	52.94 0.68 0.00	51.50 0.66 0.00	52.55 0.67 0.00	55.75 0.77 0.00	56.09 0.83 0.00	56.21 0.89 0.00	59.60 1.00 0.00	58.86 0.93 0.00	56.39 0.89 0.00	56.10 0.83 0.00	55.31 0.66 0.00	54.87 0.65 0.00	55.15 0.60 0.00
WATSON__69_KV_BK 1 55734	45.83 4.43 -0.01	43.53 4.10 -0.01	42.74 3.96 -0.01	43.40 3.98 0.00	44.47 3.86 0.00	51.20 4.65 0.00	61.85 6.20 -1.70	73.50 6.93 -11.59	68.95 6.83 -7.08	68.77 6.34 -8.29	61.80 6.04 -3.26	61.53 6.01 -3.27	60.24 5.85 -3.55	62.57 6.07 -4.62	69.04 6.93 -7.13	72.98 7.35 -10.37	84.50 7.58 -21.60	103.98 7.91 -37.46	91.12 7.88 -25.32	89.54 7.66 -26.38	74.39 7.57 -11.55	72.32 6.67 -10.99	67.25 6.40 -6.63	65.31 6.05 -4.71
WDELAWARE__HYD 323627	43.79 2.40 0.00	41.75 2.33 0.00	41.02 2.25 0.00	41.79 2.37 0.00	43.05 2.44 0.00	49.34 2.79 0.00	57.29 3.35 0.00	59.54 3.96 -0.60	56.91 4.18 2.31	53.61 3.63 4.17	54.23 3.36 1.64	54.01 3.39 1.64	52.21 3.15 1.78	53.48 3.48 1.87	56.77 4.01 2.22	56.69 4.42 2.99	66.55 4.87 -6.36	80.56 5.33 -16.62	75.41 5.33 -12.16	63.78 4.71 -3.57	62.09 4.58 -2.23	58.64 3.99 0.00	57.79 3.58 0.00	57.98 3.44 0.00

WEST BABYLON___IC 23714	45.54 4.14 -0.01	43.34 3.90 -0.01	42.51 3.72 -0.01	43.21 3.78 0.00	44.27 3.66 0.00	50.92 4.38 0.00	61.52 5.83 -1.76	73.47 6.54 -11.95	68.59 6.38 -7.16	68.39 5.96 -8.29	61.43 5.67 -3.26	61.17 5.64 -3.27	59.89 5.49 -3.55	62.24 5.71 -4.65	68.63 6.43 -7.21	72.56 6.80 -10.50	84.37 6.97 -22.08	103.97 7.27 -38.10	90.89 7.24 -25.72	89.62 6.99 -27.13	74.05 6.96 -11.81	72.19 6.23 -11.31	67.00 5.96 -6.82	65.06 5.67 -4.84
WEST CANADA___HYD 24049	41.52 0.12 0.00	39.54 0.12 0.00	38.89 0.12 0.00	39.54 0.12 0.00	40.74 0.12 0.00	46.73 0.19 0.00	54.16 0.22 0.00	55.31 0.33 0.00	55.37 0.33 0.00	54.42 0.27 0.00	52.77 0.26 0.00	52.52 0.26 0.00	51.10 0.26 0.00	52.14 0.26 0.00	55.31 0.33 0.00	55.65 0.39 0.00	55.71 0.39 0.00	59.02 0.41 0.00	58.39 0.46 0.00	55.84 0.34 0.00	55.66 0.39 0.00	54.93 0.27 0.00	54.49 0.27 0.00	54.76 0.22 0.00
WESTERN_NY_WIND 24143	38.12 -3.27 0.00	36.47 -2.96 0.00	35.95 -2.83 0.00	36.35 -3.08 0.00	37.69 -2.92 0.00	43.80 -2.75 0.00	49.57 -4.37 0.00	50.01 -5.06 -0.09	49.76 -5.28 0.00	48.68 -5.31 0.16	46.67 -4.73 1.11	46.89 -5.12 0.24	45.51 -5.03 0.30	44.85 -4.82 2.21	46.90 -4.95 3.13	47.27 -4.75 3.24	49.54 -4.92 0.85	52.90 -4.40 1.31	51.49 -4.63 1.80	48.31 -4.05 3.14	45.67 -4.37 5.23	46.06 -4.48 4.11	48.96 -5.26 0.00	49.64 -4.91 0.00
WESTOVER___LESR 323668	40.90 -0.50 0.00	38.95 -0.47 0.00	38.35 -0.43 0.00	38.95 -0.47 0.00	40.17 -0.45 0.00	46.27 -0.28 0.00	53.56 -0.38 0.00	54.70 -0.49 -0.22	54.11 -0.50 0.44	52.71 -0.65 0.79	51.46 -0.74 0.31	51.27 -0.68 0.31	49.79 -0.71 0.34	50.79 -0.73 0.36	53.95 -0.60 0.43	54.36 -0.33 0.57	57.54 -0.11 -2.33	64.69 -0.06 -6.14	62.56 0.12 -4.51	56.45 -0.33 -1.28	55.68 -0.39 -0.80	53.94 -0.71 0.01	53.51 -0.70 0.00	53.84 -0.71 0.00
WETHRSFD_WT_PWR 323626	37.50 -3.89 0.00	35.72 -3.71 0.00	35.29 -3.49 0.00	35.95 -3.47 0.00	37.16 -3.45 0.00	43.19 -3.35 0.00	49.41 -4.53 0.00	49.60 -5.50 -0.12	49.26 -5.78 0.00	47.26 -5.90 0.99	39.99 -5.57 6.94	44.93 -5.85 1.48	43.02 -6.00 1.83	32.14 -5.92 13.83	29.16 -6.21 19.61	29.60 -5.36 20.31	39.57 -5.31 10.44	31.28 -5.45 21.87	31.79 -5.04 21.10	27.06 -6.33 22.11	15.67 -5.31 34.29	22.18 -6.72 25.75	48.25 -5.96 0.00	49.04 -5.51 0.00
WHAVSTOR_138KV_BK127 55557	43.50 2.11 0.00	41.39 1.97 0.00	40.64 1.86 0.00	41.43 2.01 0.00	42.61 1.99 0.00	48.83 2.28 0.00	57.01 3.07 0.00	59.35 3.74 -0.63	50.79 3.58 7.83	43.38 3.36 14.13	50.01 3.05 5.54	49.78 3.08 5.56	47.90 3.10 6.05	48.64 3.11 6.35	50.81 3.35 7.53	48.94 3.81 10.14	65.95 4.04 -6.59	80.55 4.34 -17.61	75.10 4.29 -12.88	63.28 4.00 -3.78	61.51 3.87 -2.37	57.82 3.17 0.00	57.14 2.93 0.00	57.33 2.78 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	43.50 2.11 0.00	41.39 1.97 0.00	40.64 1.86 0.00	41.43 2.01 0.00	42.61 1.99 0.00	48.83 2.28 0.00	57.01 3.07 0.00	59.35 3.74 -0.63	50.79 3.58 7.83	43.38 3.36 14.13	50.01 3.05 5.54	49.78 3.08 5.56	47.90 3.10 6.05	48.64 3.11 6.35	50.81 3.35 7.53	48.94 3.81 10.14	65.95 4.04 -6.59	80.55 4.34 -17.61	75.10 4.29 -12.88	63.28 4.00 -3.78	61.51 3.87 -2.37	57.82 3.17 0.00	57.14 2.93 0.00	57.33 2.78 0.00
WHITEHAL_115KV_TB1 80871	44.62 3.23 0.00	42.54 3.11 0.00	41.76 2.99 0.00	42.46 3.04 0.00	43.78 3.17 0.00	50.36 3.82 0.00	57.39 3.45 0.00	59.63 3.74 -0.91	59.52 3.52 -0.95	59.34 3.47 -1.72	56.49 3.31 -0.67	56.38 3.45 -0.68	54.78 3.20 -0.74	55.92 3.27 -0.77	59.36 3.46 -0.92	60.47 3.98 -1.23	68.84 4.04 -9.48	87.74 4.51 -24.62	80.51 4.58 -18.00	65.01 4.22 -5.29	62.62 4.03 -3.31	58.32 3.66 0.00	58.99 4.77 0.00	59.29 4.75 0.00
WHITEPLN_13_KV_LOAD 356215	44.17 2.77 0.00	41.99 2.56 0.00	41.18 2.40 0.00	41.99 2.56 0.00	43.26 2.64 0.00	49.48 2.93 0.00	57.99 4.05 0.00	60.49 4.84 -0.67	64.57 4.79 -4.74	67.25 4.55 -8.55	59.95 4.10 -3.35	59.75 4.13 -3.36	58.62 4.12 -3.66	59.92 4.20 -3.84	64.04 4.51 -4.55	66.42 5.03 -6.13	67.59 5.26 -7.01	82.45 5.63 -18.21	76.81 5.56 -13.32	64.57 5.16 -3.91	62.69 4.97 -2.45	58.81 4.15 0.00	58.07 3.85 0.00	58.20 3.65 0.00
WM_FLOYD_69_KV_BK2 356380	45.83 4.43 -0.01	43.53 4.10 -0.01	42.74 3.96 -0.01	43.40 3.98 0.00	44.43 3.82 0.00	51.20 4.65 0.00	61.82 6.20 -1.68	73.34 6.93 -11.43	68.91 6.83 -7.04	68.72 6.28 -8.29	61.75 5.99 -3.26	61.43 5.90 -3.27	60.14 5.75 -3.55	62.51 6.02 -4.61	69.01 6.93 -7.10	72.98 7.40 -10.32	84.23 7.52 -21.38	103.58 7.79 -37.18	90.83 7.76 -25.14	89.33 7.77 -26.06	74.34 7.63 -11.44	72.23 6.72 -10.86	67.22 6.45 -6.55	65.36 6.16 -4.65
WOODARD___115KV_TB2 355635	40.32 -1.08 0.00	38.40 -1.03 0.00	37.81 -0.97 0.00	38.44 -0.99 0.00	39.60 -1.02 0.00	45.52 -1.02 0.00	52.75 -1.19 0.00	54.00 -1.04 -0.06	53.83 -1.21 0.00	52.90 -1.25 0.00	51.30 -1.21 0.00	51.05 -1.20 0.00	49.62 -1.22 0.00	50.69 -1.19 0.00	53.83 -1.15 0.00	54.27 -0.99 0.00	54.97 -1.00 -0.64	59.48 -0.82 -1.69	58.24 -0.93 -1.24	54.92 -0.94 -0.36	54.50 -0.99 -0.23	53.45 -1.20 0.00	52.86 -1.36 0.00	53.13 -1.42 0.00
YORK___WARBASSE 23770	67.33 2.94 -22.99	66.36 2.76 -24.18	66.24 2.60 -24.87	66.32 2.80 -24.09	66.28 2.84 -22.82	66.38 3.12 -16.72	67.70 4.15 -9.61	73.38 5.00 -13.40	72.10 4.68 -12.38	72.31 4.44 -13.72	71.16 4.20 -14.46	71.11 4.23 -14.62	71.20 4.17 -16.19	70.95 4.31 -14.77	69.73 4.56 -10.19	71.73 5.03 -11.44	180.54 5.26 -119.97	236.36 5.63 -172.13	180.24 5.45 -116.86	175.98 5.22 -115.26	180.22 5.14 -119.81	78.53 4.32 -19.56	71.01 4.01 -12.78	69.05 3.98 -10.52