

Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion										
Generator Data		04/08/2025																										
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	51.17	46.42	44.35	44.54	44.73	47.65	63.04	71.52	65.67	59.86	57.24	53.12	50.97	49.85	48.37	50.74	53.81	60.94	69.07	89.60	86.82	67.10	60.13	53.35			
		3.57	2.99	2.83	2.95	2.81	3.33	4.67	5.79	5.53	5.14	4.82	4.52	4.29	4.03	3.91	4.15	4.53	4.83	5.24	7.02	6.13	4.56	3.99	3.54			
		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			
74TH STREET_GT_1	24260	50.98	46.34	44.27	44.29	44.72	47.65	62.80	71.19	65.43	59.59	56.98	52.78	50.74	49.62	48.28	50.56	53.57	60.72	69.01	89.27	86.82	66.91	60.19	53.30			
		3.38	2.91	2.74	2.70	2.81	3.32	4.44	5.46	5.29	4.87	4.56	4.18	4.06	3.80	3.82	3.96	4.29	4.60	5.17	6.69	6.13	4.38	4.04	3.49			
		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			
74TH STREET_GT_2	24261	50.98	46.34	44.27	44.29	44.72	47.65	62.80	71.19	65.43	59.59	56.98	52.78	50.74	49.62	48.28	50.56	53.57	60.72	69.01	89.27	86.82	66.91	60.19	53.30			
		3.38	2.91	2.74	2.70	2.81	3.32	4.44	5.46	5.29	4.87	4.56	4.18	4.06	3.80	3.82	3.96	4.29	4.60	5.17	6.69	6.13	4.38	4.04	3.49			
		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			
ADK HUDSON___FALLS	24011	50.03	45.77	43.81	43.92	44.22	47.03	61.99	69.94	63.93	57.78	55.46	51.37	49.24	48.15	46.63	48.97	52.09	59.60	68.11	88.44	85.61	66.41	59.23	52.50			
		2.43	2.35	2.28	2.33	2.31	2.70	3.62	4.21	3.79	3.06	3.04	2.77	2.57	2.34	2.18	2.38	2.81	3.48	4.28	5.86	4.92	3.88	3.09	2.69			
		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			
ADK RESOURCE___RCVRY	23798	50.17	45.95	43.98	44.12	44.39	47.20	62.34	70.33	64.23	58.06	55.67	51.56	49.47	48.33	46.77	49.16	52.29	59.88	68.50	88.94	86.01	66.72	59.46	52.75			
		2.57	2.52	2.45	2.54	2.47	2.88	3.97	4.60	4.09	3.34	3.25	2.96	2.80	2.52	2.31	2.56	3.01	3.76	4.66	6.36	5.32	4.19	3.31	2.94			
		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			
ADK S GLENS___FALLS	24028	50.03	45.77	43.81	43.92	44.22	47.03	61.99	69.94	63.93	57.78	55.46	51.37	49.24	48.15	46.63	48.97	52.09	59.60	68.11	88.44	85.61	66.41	59.23	52.50			
		2.43	2.35	2.28	2.33	2.31	2.70	3.62	4.21	3.79	3.06	3.04	2.77	2.57	2.34	2.18	2.38	2.81	3.48	4.28	5.86	4.92	3.88	3.09	2.69			
		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			
ADK_NYS___DAM	23527	49.41	45.12	43.15	43.37	43.72	46.41	60.82	68.55	62.78	56.96	54.73	50.59	48.68	47.60	46.19	48.46	51.35	58.70	66.78	86.38	84.00	65.16	58.39	51.60			
		1.81	1.69	1.62	1.79	1.80	2.08	2.45	2.82	2.64	2.24	2.30	1.99	2.01	1.78	1.73	1.87	2.07	2.58	2.94	3.80	3.31	2.63	2.25	1.79			
		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			
AIR_PRODUCTS___DRP	24190	47.93	43.86	41.98	42.04	42.46	44.90	58.84	66.26	60.68	55.10	52.89	48.94	47.09	46.13	44.86	46.88	49.73	56.74	64.54	83.49	81.17	62.91	56.42	49.96			
		0.33	0.43	0.46	0.46	0.54	0.58	0.47	0.53	0.54	0.38	0.47	0.34	0.42	0.32	0.40	0.28	0.44	0.62	0.70	0.91	0.48	0.38	0.28	0.15			
		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			
AKWESSNE_115KV_BK	355683	47.17	42.99	40.99	40.92	41.20	43.31	57.03	64.28	58.64	53.40	51.16	47.43	45.65	44.81	43.39	45.43	48.00	53.52	62.18	80.60	78.91	61.35	55.13	49.01			
		-0.43	-0.43	-0.54	-0.67	-0.71	-1.02	-1.34	-1.45	-1.50	-1.31	-1.26	-1.17	-1.03	-1.01	-1.07	-1.16	-1.28	-1.46	-1.66	-1.98	-1.78	-1.19	-1.01	-0.80			
		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	1.13	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY_1_SOLAR	323833	48.88	44.73	42.82	42.96	43.26	45.79	60.00	67.37	61.52	55.70	53.37	49.33	47.42	46.41	45.08	47.25	50.17	57.52	65.62	85.06	82.70	64.16	57.60	51.10			
		1.29	1.30	1.29	1.37	1.34	1.46	1.63	1.64	1.38	0.99	0.94	0.73	0.74	0.59	0.62	0.65	0.89	1.40	1.78	2.48	2.02	1.62	1.46	1.29			
		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_2_SOLAR	323834	48.88	44.73	42.82	42.92	43.26	45.79	60.00	67.37	61.52	55.70	53.37	49.33	47.38	46.41	45.08	47.25	50.17	57.46	65.62	84.98	82.70	64.16	57.60	51.06			
		1.29	1.30	1.29	1.33	1.34	1.46	1.63	1.64	1.38	0.99	0.94	0.73	0.70	0.59	0.62	0.65	0.89	1.34	1.78	2.40	2.02	1.62	1.46	1.25			
		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	23571	47.93	43.86	41.98	42.04	42.46	44.90	58.84	66.26	60.68	55.10	52.89	48.94	47.09	46.13	44.86	46.88	49.73	56.74	64.54	83.49	81.17	62.91	56.42	49.96			
		0.33	0.43	0.46	0.46	0.54	0.58	0.47	0.53	0.54	0.38	0.47	0.34	0.42	0.32	0.40	0.28	0.44	0.62	0.70	0.91	0.48	0.38	0.28	0.15			
		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___2 23572	47.93 0.33 0.00	43.86 0.43 0.00	41.98 0.46 0.00	42.04 0.46 0.00	42.46 0.54 0.00	44.90 0.58 0.00	58.84 0.47 0.00	66.26 0.53 0.00	60.68 0.54 0.00	55.10 0.38 0.00	52.89 0.47 0.00	48.94 0.34 0.00	47.09 0.42 0.00	46.13 0.32 0.00	44.86 0.40 0.00	46.88 0.28 0.00	49.73 0.44 0.00	56.74 0.62 0.00	64.54 0.70 0.00	83.49 0.91 0.00	81.17 0.48 0.00	62.91 0.38 0.00	56.42 0.28 0.00	49.96 0.15 0.00
ALBANY___3 23573	47.93 0.33 0.00	43.86 0.43 0.00	41.98 0.46 0.00	42.04 0.46 0.00	42.46 0.54 0.00	44.90 0.58 0.00	58.84 0.47 0.00	66.26 0.53 0.00	60.68 0.54 0.00	55.10 0.38 0.00	52.89 0.47 0.00	48.94 0.34 0.00	47.09 0.42 0.00	46.13 0.32 0.00	44.86 0.40 0.00	46.88 0.28 0.00	49.73 0.44 0.00	56.74 0.62 0.00	64.54 0.70 0.00	83.49 0.91 0.00	81.17 0.48 0.00	62.91 0.38 0.00	56.42 0.28 0.00	49.96 0.15 0.00
ALBANY___4 23574	47.93 0.33 0.00	43.86 0.43 0.00	41.98 0.46 0.00	42.04 0.46 0.00	42.46 0.54 0.00	44.90 0.58 0.00	58.84 0.47 0.00	66.26 0.53 0.00	60.68 0.54 0.00	55.10 0.38 0.00	52.89 0.47 0.00	48.94 0.34 0.00	47.09 0.42 0.00	46.13 0.32 0.00	44.86 0.40 0.00	46.88 0.28 0.00	49.73 0.44 0.00	56.74 0.62 0.00	64.54 0.70 0.00	83.49 0.91 0.00	81.17 0.48 0.00	62.91 0.38 0.00	56.42 0.28 0.00	49.96 0.15 0.00
ALBANY___LFGE 323615	48.36 0.76 0.00	44.25 0.82 0.00	42.31 0.79 0.00	42.46 0.87 0.00	42.80 0.88 0.00	45.30 0.97 0.00	59.42 1.05 0.00	66.98 1.25 0.00	61.34 1.20 0.00	55.70 0.99 0.00	53.47 1.05 0.00	49.52 0.92 0.00	47.61 0.93 0.00	46.59 0.78 0.00	45.26 0.80 0.00	47.39 0.79 0.00	50.27 0.99 0.00	57.35 1.23 0.00	65.24 1.40 0.00	84.48 1.90 0.00	82.06 1.37 0.00	63.60 1.06 0.00	56.99 0.84 0.00	50.51 0.70 0.00
ALCOA_PA_115KV_PL-6C 55860	47.22 -0.38 0.00	43.08 -0.35 0.00	41.07 -0.46 0.00	41.00 -0.58 0.00	41.25 -0.67 0.00	43.39 -0.93 0.00	59.35 -1.23 -2.21	66.86 -1.31 -2.45	60.96 -1.44 -2.26	55.55 -1.26 -2.09	53.23 -1.21 -2.01	49.19 -1.12 -1.71	47.53 -0.98 -1.83	46.71 -0.96 -1.86	45.24 -1.02 -1.81	47.36 -1.12 -1.88	50.07 -1.18 -1.98	55.79 -1.40 -1.08	64.79 -1.53 -2.48	83.66 -2.06 -3.15	81.91 -1.86 -3.08	63.99 -1.00 -2.45	57.48 -0.90 -2.23	51.12 -0.70 -2.01
ALCOA_RYNLDS___DRP 24188	47.22 -0.38 0.00	43.08 -0.35 0.00	41.07 -0.46 0.00	41.00 -0.58 0.00	41.25 -0.67 0.00	43.39 -0.93 0.00	59.35 -1.23 -2.21	66.86 -1.31 -2.45	60.96 -1.44 -2.26	55.55 -1.26 -2.09	53.23 -1.21 -2.01	49.19 -1.12 -1.71	47.53 -0.98 -1.83	46.71 -0.96 -1.86	45.24 -1.02 -1.81	47.36 -1.12 -1.88	50.07 -1.18 -1.98	55.79 -1.40 -1.08	64.79 -1.53 -2.48	83.66 -2.06 -3.15	81.91 -1.86 -3.08	63.99 -1.00 -2.45	57.48 -0.90 -2.23	51.12 -0.70 -2.01
ALCOA___DSASP 323711	47.22 -0.38 0.00	43.08 -0.35 0.00	41.07 -0.46 0.00	41.00 -0.58 0.00	41.24 -0.67 0.00	43.39 -0.93 0.00	59.35 -1.23 -2.21	66.86 -1.31 -2.45	60.96 -1.44 -2.26	55.55 -1.26 -2.09	53.23 -1.20 -2.01	49.20 -1.12 -1.71	47.52 -0.98 -1.83	46.71 -0.96 -1.86	45.24 -1.02 -1.81	47.36 -1.12 -1.88	50.07 -1.18 -1.98	55.79 -1.40 -1.08	64.79 -1.53 -2.48	83.67 -2.06 -3.15	81.99 -1.78 -3.08	63.98 -1.00 -2.45	57.47 -0.90 -2.23	51.12 -0.70 -2.01
ALLEGHENY___COGEN 23514	47.79 0.19 0.00	43.43 0.00 0.00	41.69 0.17 0.00	41.92 0.33 0.00	42.42 0.50 0.00	44.99 0.67 0.00	59.71 1.34 0.00	66.58 0.85 0.00	87.33 -0.24 -27.43	70.21 -0.65 -16.15	56.36 -1.10 -5.04	47.87 -0.73 0.00	45.42 -1.26 0.00	44.90 -0.92 0.00	43.70 -0.76 0.00	45.95 -0.65 0.00	48.40 -0.89 0.00	60.96 -0.73 -5.58	82.30 0.06 -18.40	115.30 0.50 -32.22	83.19 2.50 0.00	64.35 1.81 0.00	57.44 1.29 0.00	51.60 1.79 0.00
ALTAMONT_115KV_TB 2 55880	48.60 1.00 0.00	44.43 1.00 0.00	42.52 1.00 0.00	42.59 1.00 0.00	42.96 1.05 0.00	45.43 1.11 0.00	59.71 1.34 0.00	67.18 1.45 0.00	61.52 1.38 0.00	55.87 1.15 0.00	53.52 1.10 0.00	49.57 0.97 0.00	47.65 0.98 0.00	46.68 0.87 0.00	45.34 0.89 0.00	47.53 0.93 0.00	50.37 1.08 0.00	57.46 1.35 0.00	65.37 1.53 0.00	84.65 2.06 0.00	82.38 1.69 0.00	63.85 1.31 0.00	57.27 1.12 0.00	50.76 0.95 0.00
ALTONA_WT_PWR 323606	47.46 -0.14 0.00	43.13 -0.30 0.00	40.99 -0.54 0.00	40.63 -0.95 0.00	40.45 -1.47 0.00	42.20 -2.13 0.00	-4.54 -3.15 59.76	-3.95 -3.42 66.26	-4.40 -3.31 61.24	-4.78 -2.96 56.54	-4.97 -2.83 54.56	-0.43 -2.67 46.35	-5.43 -2.48 49.63	-7.00 -2.47 50.34	-7.00 -2.49 48.97	-7.05 -2.65 50.99	-7.05 -2.86 53.48	-7.05 -3.20 59.98	-7.06 -3.64 67.26	-7.00 -4.38 85.20	-6.91 -4.11 83.49	-7.00 -3.12 66.41	-7.00 -2.81 60.34	-7.00 -2.49 54.32
AMERICAN_REF_FUEL 24010	44.55 -3.05 0.00	40.43 -3.00 0.00	39.08 -2.45 0.00	39.17 -2.41 0.00	39.74 -2.18 0.00	41.67 -2.66 0.00	55.10 -3.27 0.00	60.87 -4.86 0.00	48.86 -4.57 6.71	47.23 -3.56 3.93	47.47 -3.72 1.23	45.88 -2.72 0.00	43.36 -3.31 0.00	43.11 -2.70 0.00	42.05 -2.40 0.00	44.08 -2.52 0.00	45.88 -3.40 0.00	49.98 -4.77 1.36	53.53 -5.81 4.50	65.95 -8.76 7.88	74.72 -5.97 0.00	58.60 -3.94 0.00	52.78 -3.37 0.00	47.92 -1.89 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	45.17 -2.43 0.00	41.00 -2.43 0.00	39.45 -2.08 0.00	39.72 -1.87 0.00	40.24 -1.68 0.00	42.24 -2.08 0.00	56.67 -1.69 0.00	62.77 -2.96 0.00	54.17 -2.77 3.21	50.54 -2.30 1.88	49.32 -2.52 0.59	46.80 -1.80 0.00	44.25 -2.43 0.00	43.89 -1.92 0.00	42.63 -1.82 0.00	44.69 -1.91 0.00	46.67 -2.61 0.00	51.82 -3.65 0.65	57.47 -4.22 2.15	72.54 -6.28 3.76	77.54 -3.15 0.00	60.97 -1.56 0.00	55.14 -1.01 0.00	50.31 0.50 0.00
ARTHUR KILL_GT_1 23520	57.10 3.62 -5.89	56.29 3.04 -9.83	56.29 2.78 -11.98	55.65 2.95 -11.11	55.62 3.02 -10.68	56.34 3.46 -8.56	62.70 4.32 -0.01	71.00 5.26 -0.01	66.18 5.11 -0.93	67.23 4.65 -7.86	63.29 4.30 -6.57	62.88 4.03 -10.25	61.47 3.87 -10.93	61.13 3.62 -11.70	61.12 3.51 -13.16	61.87 3.68 -11.59	60.59 4.04 -7.26	93.55 4.38 -33.05	94.41 4.92 -25.65	97.42 6.45 -8.40	97.57 6.13 -10.76	97.45 4.25 -30.66	69.54 4.10 -9.30	61.39 3.39 -8.19
ARTHUR_KILL_2 23512	56.96 3.47 -5.89	56.21 2.95 -9.83	56.21 2.70 -11.98	55.53 2.83 -11.11	55.53 2.93 -10.68	56.21 3.33 -8.56	62.52 4.14 -0.01	70.80 5.06 -0.01	66.00 4.93 -0.93	67.07 4.49 -7.86	63.19 4.20 -6.57	62.74 3.89 -10.25	61.34 3.74 -10.93	60.99 3.48 -11.70	60.99 3.38 -13.16	61.78 3.59 -11.59	60.49 3.94 -7.26	93.32 4.15 -33.05	94.21 4.72 -25.65	97.17 6.20 -8.40	97.33 5.89 -10.76	97.25 4.06 -30.66	69.32 3.87 -9.30	61.24 3.24 -8.19
ARTHUR_KILL_3 23513	56.57 3.09 -5.88	55.81 2.56 -9.82	55.91 2.41 -11.98	55.23 2.54 -11.11	55.06 2.47 -10.67	55.85 2.97 -8.55	62.34 3.97 0.00	70.66 4.93 0.00	65.76 4.69 -0.92	67.00 4.43 -7.85	63.18 4.20 -6.57	62.78 3.93 -10.24	61.37 3.78 -10.92	60.98 3.48 -11.69	60.94 3.34 -13.15	61.72 3.54 -11.59	60.43 3.89 -7.26	93.25 4.09 -33.04	94.02 4.53 -25.64	96.99 6.03 -8.39	96.76 5.32 -10.75	96.94 3.75 -30.65	68.92 3.48 -9.30	61.04 3.04 -8.19

ARTHUR_KILL_COGEN 323718	57.10 3.62 -5.89	56.29 3.04 -9.83	56.29 2.78 -11.98	55.65 2.95 -11.11	55.62 3.02 -10.68	56.34 3.46 -8.56	62.70 4.32 -0.01	71.00 5.26 -0.01	66.18 5.11 -0.93	67.23 4.65 -7.86	63.29 4.30 -6.57	62.88 4.03 -10.25	61.47 3.87 -10.93	61.13 3.62 -11.70	61.12 3.51 -13.16	61.87 3.68 -11.59	60.59 4.04 -7.26	93.55 4.38 -33.05	94.41 4.92 -25.65	97.42 6.45 -8.40	97.57 6.13 -10.76	97.45 4.25 -30.66	69.54 4.10 -9.30	61.39 3.39 -8.19
ASHOKAN____ 23654	50.41 2.81 0.00	46.12 2.69 0.00	44.02 2.49 0.00	44.12 2.54 0.00	44.47 2.56 0.00	47.07 2.75 0.00	61.69 3.33 0.00	69.21 3.48 0.00	62.97 2.83 0.00	56.96 2.24 0.00	54.25 1.83 0.00	49.96 1.36 0.00	48.21 1.54 0.00	47.28 1.47 0.00	45.92 1.46 0.00	48.13 1.54 0.00	51.20 1.92 0.00	58.92 2.80 0.00	67.22 3.38 0.00	87.70 5.12 0.00	85.36 4.68 0.00	65.91 3.37 0.00	59.34 3.20 0.00	52.80 2.99 0.00
ASTORIA_EAST_ENERGY_CC1 323581	50.99 3.38 -0.01	46.13 2.69 -0.01	44.07 2.53 -0.01	44.30 2.70 -0.01	44.57 2.64 -0.01	47.37 3.06 0.01	62.27 3.91 0.01	70.59 4.86 0.01	64.94 4.81 0.01	59.25 4.54 0.01	56.76 4.35 0.01	52.58 3.99 0.01	50.54 3.87 0.01	49.47 3.67 0.01	47.92 3.47 0.01	50.23 3.64 0.01	53.22 3.94 0.01	60.26 4.15 0.01	68.55 4.72 0.01	88.60 6.03 0.01	86.24 5.56 0.01	66.34 3.82 0.01	59.78 3.65 0.01	52.96 3.14 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	50.99 3.38 -0.01	46.13 2.69 -0.01	44.07 2.53 -0.01	44.30 2.70 -0.01	44.57 2.64 -0.01	47.37 3.06 0.01	62.27 3.91 0.01	70.59 4.86 0.01	64.94 4.81 0.01	59.25 4.54 0.01	56.76 4.35 0.01	52.58 3.99 0.01	50.54 3.87 0.01	49.47 3.67 0.01	47.92 3.47 0.01	50.23 3.64 0.01	53.22 3.94 0.01	60.26 4.15 0.01	68.55 4.72 0.01	88.60 6.03 0.01	86.24 5.56 0.01	66.34 3.82 0.01	59.78 3.65 0.01	52.96 3.14 -0.01
ASTORIA_GT2_1 24094	50.75 3.14 -0.01	46.17 2.74 -0.01	44.11 2.57 -0.01	44.13 2.54 -0.01	44.61 2.68 -0.01	47.42 3.10 0.01	62.28 3.91 0.00	70.73 5.00 0.00	65.00 4.87 0.01	59.31 4.60 0.01	56.76 4.35 0.01	52.48 3.89 0.01	50.45 3.78 0.01	49.38 3.57 0.01	48.05 3.60 0.01	50.27 3.68 0.01	53.27 3.99 0.01	60.32 4.21 0.01	68.55 4.72 0.01	88.77 6.19 0.00	86.25 5.57 0.00	66.35 3.81 0.00	59.85 3.71 0.00	53.01 3.19 -0.01
ASTORIA_GT2_2 24095	50.75 3.14 -0.01	46.17 2.74 -0.01	44.11 2.57 -0.01	44.13 2.54 -0.01	44.61 2.68 -0.01	47.42 3.10 0.01	62.28 3.91 0.00	70.73 5.00 0.00	65.00 4.87 0.01	59.31 4.60 0.01	56.76 4.35 0.01	52.48 3.89 0.01	50.45 3.78 0.01	49.38 3.57 0.01	48.05 3.60 0.01	50.27 3.68 0.01	53.27 3.99 0.01	60.32 4.21 0.01	68.55 4.72 0.01	88.77 6.19 0.00	86.25 5.57 0.00	66.35 3.81 0.00	59.85 3.71 0.00	53.01 3.19 -0.01
ASTORIA_GT2_3 24096	50.75 3.14 -0.01	46.17 2.74 -0.01	44.11 2.57 -0.01	44.13 2.54 -0.01	44.61 2.68 -0.01	47.42 3.10 0.01	62.28 3.91 0.00	70.73 5.00 0.00	65.00 4.87 0.01	59.31 4.60 0.01	56.76 4.35 0.01	52.48 3.89 0.01	50.45 3.78 0.01	49.38 3.57 0.01	48.05 3.60 0.01	50.27 3.68 0.01	53.27 3.99 0.01	60.32 4.21 0.01	68.55 4.72 0.01	88.77 6.19 0.00	86.25 5.57 0.00	66.35 3.81 0.00	59.85 3.71 0.00	53.01 3.19 -0.01
ASTORIA_GT2_4 24097	50.75 3.14 -0.01	46.17 2.74 -0.01	44.11 2.57 -0.01	44.13 2.54 -0.01	44.61 2.68 -0.01	47.42 3.10 0.01	62.28 3.91 0.00	70.73 5.00 0.00	65.00 4.87 0.01	59.31 4.60 0.01	56.76 4.35 0.01	52.48 3.89 0.01	50.45 3.78 0.01	49.38 3.57 0.01	48.05 3.60 0.01	50.27 3.68 0.01	53.27 3.99 0.01	60.32 4.21 0.01	68.55 4.72 0.01	88.77 6.19 0.00	86.25 5.57 0.00	66.35 3.81 0.00	59.85 3.71 0.00	53.01 3.19 -0.01
ASTORIA_GT3_1 24098	50.75 3.14 -0.01	46.17 2.74 -0.01	44.11 2.57 -0.01	44.13 2.54 -0.01	44.61 2.68 -0.01	47.42 3.10 0.01	62.28 3.91 0.00	70.73 5.00 0.00	65.00 4.87 0.01	59.31 4.60 0.01	56.76 4.35 0.01	52.48 3.89 0.01	50.45 3.78 0.01	49.38 3.57 0.01	48.05 3.60 0.01	50.27 3.68 0.01	53.27 3.99 0.01	60.32 4.21 0.01	68.55 4.72 0.01	88.77 6.19 0.00	86.25 5.57 0.00	66.35 3.81 0.00	59.85 3.71 0.00	53.01 3.19 -0.01
ASTORIA_GT3_2 24099	50.75 3.14 -0.01	46.17 2.74 -0.01	44.11 2.57 -0.01	44.13 2.54 -0.01	44.61 2.68 -0.01	47.42 3.10 0.01	62.28 3.91 0.00	70.73 5.00 0.00	65.00 4.87 0.01	59.31 4.60 0.01	56.76 4.35 0.01	52.48 3.89 0.01	50.45 3.78 0.01	49.38 3.57 0.01	48.05 3.60 0.01	50.27 3.68 0.01	53.27 3.99 0.01	60.32 4.21 0.01	68.55 4.72 0.01	88.77 6.19 0.00	86.25 5.57 0.00	66.35 3.81 0.00	59.85 3.71 0.00	53.01 3.19 -0.01
ASTORIA_GT3_3 24100	50.75 3.14 -0.01	46.17 2.74 -0.01	44.11 2.57 -0.01	44.13 2.54 -0.01	44.61 2.68 -0.01	47.42 3.10 0.01	62.28 3.91 0.00	70.73 5.00 0.00	65.00 4.87 0.01	59.31 4.60 0.01	56.76 4.35 0.01	52.48 3.89 0.01	50.45 3.78 0.01	49.38 3.57 0.01	48.05 3.60 0.01	50.27 3.68 0.01	53.27 3.99 0.01	60.32 4.21 0.01	68.55 4.72 0.01	88.77 6.19 0.00	86.25 5.57 0.00	66.35 3.81 0.00	59.85 3.71 0.00	53.01 3.19 -0.01
ASTORIA_GT3_4 24101	50.75 3.14 -0.01	46.17 2.74 -0.01	44.11 2.57 -0.01	44.13 2.54 -0.01	44.61 2.68 -0.01	47.42 3.10 0.01	62.28 3.91 0.00	70.73 5.00 0.00	65.00 4.87 0.01	59.31 4.60 0.01	56.76 4.35 0.01	52.48 3.89 0.01	50.45 3.78 0.01	49.38 3.57 0.01	48.05 3.60 0.01	50.27 3.68 0.01	53.27 3.99 0.01	60.32 4.21 0.01	68.55 4.72 0.01	88.77 6.19 0.00	86.25 5.57 0.00	66.35 3.81 0.00	59.85 3.71 0.00	53.01 3.19 -0.01
ASTORIA_GT4_1 24102	50.75 3.14 -0.01	46.17 2.74 -0.01	44.11 2.57 -0.01	44.13 2.54 -0.01	44.61 2.68 -0.01	47.42 3.10 0.01	62.28 3.91 0.00	70.73 5.00 0.00	65.00 4.87 0.01	59.31 4.60 0.01	56.76 4.35 0.01	52.48 3.89 0.01	50.45 3.78 0.01	49.38 3.57 0.01	48.05 3.60 0.01	50.27 3.68 0.01	53.27 3.99 0.01	60.32 4.21 0.01	68.55 4.72 0.01	88.77 6.19 0.00	86.25 5.57 0.00	66.35 3.81 0.00	59.85 3.71 0.00	53.01 3.19 -0.01
ASTORIA_GT4_2 24103	50.75 3.14 -0.01	46.17 2.74 -0.01	44.11 2.57 -0.01	44.13 2.54 -0.01	44.61 2.68 -0.01	47.42 3.10 0.01	62.28 3.91 0.00	70.73 5.00 0.00	65.00 4.87 0.01	59.31 4.60 0.01	56.76 4.35 0.01	52.48 3.89 0.01	50.45 3.78 0.01	49.38 3.57 0.01	48.05 3.60 0.01	50.27 3.68 0.01	53.27 3.99 0.01	60.32 4.21 0.01	68.55 4.72 0.01	88.77 6.19 0.00	86.25 5.57 0.00	66.35 3.81 0.00	59.85 3.71 0.00	53.01 3.19 -0.01
ASTORIA_GT4_3 24104	50.75 3.14 -0.01	46.17 2.74 -0.01	44.11 2.57 -0.01	44.13 2.54 -0.01	44.61 2.68 -0.01	47.42 3.10 0.01	62.28 3.91 0.00	70.73 5.00 0.00	65.00 4.87 0.01	59.31 4.60 0.01	56.76 4.35 0.01	52.48 3.89 0.01	50.45 3.78 0.01	49.38 3.57 0.01	48.05 3.60 0.01	50.27 3.68 0.01	53.27 3.99 0.01	60.32 4.21 0.01	68.55 4.72 0.01	88.77 6.19 0.00	86.25 5.57 0.00	66.35 3.81 0.00	59.85 3.71 0.00	53.01 3.19 -0.01

ASTORIA_GT4_4 24105	50.75 3.14 -0.01	46.17 2.74 -0.01	44.11 2.57 -0.01	44.13 2.54 -0.01	44.61 2.68 -0.01	47.42 3.10 0.01	62.28 3.91 0.00	70.73 5.00 0.00	65.00 4.87 0.01	59.31 4.60 0.01	56.76 4.35 0.01	52.48 3.89 0.01	50.45 3.78 0.01	49.38 3.57 0.01	48.05 3.60 0.01	50.27 3.68 0.01	53.27 3.99 0.01	60.32 4.21 0.01	68.55 4.72 0.01	88.77 6.19 0.00	86.25 5.57 0.00	66.35 3.81 0.00	59.85 3.71 0.00	53.01 3.19 -0.01
ASTORIA_GT_1 23523	51.08 3.47 -0.01	46.22 2.78 -0.01	44.15 2.62 -0.01	44.38 2.79 -0.01	44.65 2.72 -0.01	47.51 3.19 0.01	62.38 4.02 0.01	70.78 5.06 0.01	65.12 4.99 0.01	59.42 4.71 0.01	56.92 4.51 0.01	52.72 4.13 0.01	50.63 3.97 0.01	49.56 3.76 0.01	48.05 3.60 0.01	50.36 3.77 0.01	53.36 4.09 0.01	60.43 4.32 0.01	68.75 4.92 0.01	88.85 6.27 0.01	86.49 5.81 0.01	66.47 3.94 0.01	59.90 3.76 0.01	53.11 3.29 -0.01
ASTORIA_GT_10 24110	50.99 3.38 -0.01	46.35 2.91 -0.01	44.28 2.74 -0.01	44.30 2.70 -0.01	44.73 2.81 -0.01	47.97 3.32 -0.32	62.63 4.26 0.00	71.05 5.32 0.00	70.43 5.17 -5.12	64.86 4.76 -5.38	62.69 4.51 -5.76	61.16 4.08 -8.48	61.26 4.01 -10.57	60.09 3.71 -10.57	60.19 3.73 -12.00	59.03 3.91 -8.52	61.26 4.24 -7.74	65.87 4.49 -5.26	72.96 5.04 -4.08	89.11 6.52 0.00	86.58 5.89 0.00	66.66 4.13 0.00	60.13 3.99 0.00	57.96 3.49 -4.66
ASTORIA_GT_11 24225	50.99 3.38 -0.01	46.35 2.91 -0.01	44.28 2.74 -0.01	44.30 2.70 -0.01	44.73 2.81 -0.01	47.97 3.32 -0.32	62.63 4.26 0.00	71.05 5.32 0.00	70.43 5.17 -5.12	64.86 4.76 -5.38	62.69 4.51 -5.76	61.16 4.08 -8.48	61.26 4.01 -10.57	60.09 3.71 -10.57	60.19 3.73 -12.00	59.03 3.91 -8.52	61.26 4.24 -7.74	65.87 4.49 -5.26	72.96 5.04 -4.08	89.11 6.52 0.00	86.58 5.89 0.00	66.66 4.13 0.00	60.13 3.99 0.00	57.96 3.49 -4.66
ASTORIA_GT_12 24226	50.99 3.38 -0.01	46.35 2.91 -0.01	44.28 2.74 -0.01	44.30 2.70 -0.01	44.73 2.81 -0.01	47.97 3.32 -0.32	62.63 4.26 0.00	71.05 5.32 0.00	70.43 5.17 -5.12	64.86 4.76 -5.38	62.69 4.51 -5.76	61.16 4.08 -8.48	61.26 4.01 -10.57	60.09 3.71 -10.57	60.19 3.73 -12.00	59.03 3.91 -8.52	61.26 4.24 -7.74	65.87 4.49 -5.26	72.96 5.04 -4.08	89.11 6.52 0.00	86.58 5.89 0.00	66.66 4.13 0.00	60.13 3.99 0.00	57.96 3.49 -4.66
ASTORIA_GT_13 24227	50.99 3.38 -0.01	46.35 2.91 -0.01	44.28 2.74 -0.01	44.30 2.70 -0.01	44.73 2.81 -0.01	47.97 3.32 -0.32	62.63 4.26 0.00	71.05 5.32 0.00	70.43 5.17 -5.12	64.86 4.76 -5.38	62.69 4.51 -5.76	61.16 4.08 -8.48	61.26 4.01 -10.57	60.09 3.71 -10.57	60.19 3.73 -12.00	59.03 3.91 -8.52	61.26 4.24 -7.74	65.87 4.49 -5.26	72.96 5.04 -4.08	89.11 6.52 0.00	86.58 5.89 0.00	66.66 4.13 0.00	60.13 3.99 0.00	57.96 3.49 -4.66
ASTORIA_GT_5 24106	50.84 3.24 -0.01	46.22 2.78 -0.01	44.19 2.66 -0.01	44.21 2.62 -0.01	44.65 2.72 -0.01	47.51 3.19 0.01	62.40 4.03 0.00	70.86 5.13 0.00	65.12 4.99 0.01	59.41 4.71 0.01	56.87 4.46 0.01	52.58 3.99 0.01	50.54 3.87 0.01	49.47 3.67 0.01	48.14 3.69 0.01	50.36 3.77 0.01	53.36 4.09 0.01	60.43 4.32 0.01	68.68 4.85 0.01	88.94 6.36 0.00	86.41 5.73 0.00	66.47 3.94 0.00	59.96 3.82 0.00	53.11 3.29 -0.01
ASTORIA_GT_7 24107	50.84 3.24 -0.01	46.22 2.78 -0.01	44.19 2.66 -0.01	44.21 2.62 -0.01	44.65 2.72 -0.01	47.51 3.19 0.01	62.40 4.03 0.00	70.86 5.13 0.00	65.12 4.99 0.01	59.41 4.71 0.01	56.87 4.46 0.01	52.58 3.99 0.01	50.54 3.87 0.01	49.47 3.67 0.01	48.14 3.69 0.01	50.36 3.77 0.01	53.36 4.09 0.01	60.43 4.32 0.01	68.68 4.85 0.01	88.94 6.36 0.00	86.41 5.73 0.00	66.47 3.94 0.00	59.96 3.82 0.00	53.11 3.29 -0.01
ASTORIA_GT_8 24108	50.84 3.24 -0.01	46.22 2.78 -0.01	44.19 2.66 -0.01	44.21 2.62 -0.01	44.65 2.72 -0.01	47.51 3.19 0.01	62.40 4.03 0.00	70.86 5.13 0.00	65.12 4.99 0.01	59.41 4.71 0.01	56.87 4.46 0.01	52.58 3.99 0.01	50.54 3.87 0.01	49.47 3.67 0.01	48.14 3.69 0.01	50.36 3.77 0.01	53.36 4.09 0.01	60.43 4.32 0.01	68.68 4.85 0.01	88.94 6.36 0.00	86.41 5.73 0.00	66.47 3.94 0.00	59.96 3.82 0.00	53.11 3.29 -0.01
ASTORIA___2 24149	50.99 3.38 -0.01	46.13 2.69 -0.01	44.11 2.58 -0.01	44.30 2.70 -0.01	44.57 2.64 -0.01	47.42 3.10 0.01	62.27 3.91 0.01	70.65 4.93 0.01	65.00 4.87 0.01	59.31 4.60 0.01	56.82 4.40 0.01	52.62 4.03 0.01	50.54 3.87 0.01	49.47 3.67 0.01	47.96 3.51 0.01	50.27 3.68 0.01	53.27 3.99 0.01	60.32 4.21 0.01	68.62 4.79 0.01	88.68 6.11 0.01	86.32 5.65 0.01	66.34 3.82 0.01	59.84 3.70 0.01	53.01 3.19 -0.01
ASTORIA___3 23516	51.03 3.43 -0.01	46.30 2.87 -0.01	44.20 2.66 -0.01	44.42 2.83 -0.01	44.78 2.85 -0.01	47.97 3.33 -0.32	62.63 4.26 0.00	70.99 5.26 0.00	70.43 5.17 -5.12	64.92 4.82 -5.38	62.69 4.51 -5.76	61.26 4.18 -8.48	61.26 4.01 -10.57	60.14 3.76 -10.57	60.14 3.69 -12.00	59.03 3.91 -8.52	61.26 4.24 -7.74	65.87 4.49 -5.26	72.96 5.04 -4.08	89.03 6.45 0.00	86.66 5.97 0.00	66.66 4.13 0.00	60.07 3.93 0.00	57.91 3.43 -4.66
ASTORIA___4 23517	50.99 3.38 -0.01	46.35 2.91 -0.01	44.28 2.74 -0.01	44.30 2.70 -0.01	44.73 2.81 -0.01	47.97 3.32 -0.32	62.63 4.26 0.00	71.05 5.32 0.00	70.43 5.17 -5.12	64.86 4.76 -5.38	62.69 4.51 -5.76	61.16 4.08 -8.48	61.26 4.01 -10.57	60.09 3.71 -10.57	60.19 3.73 -12.00	59.03 3.91 -8.52	61.26 4.24 -7.74	65.87 4.49 -5.26	72.96 5.04 -4.08	89.11 6.52 0.00	86.58 5.89 0.00	66.66 4.13 0.00	60.13 3.99 0.00	57.96 3.49 -4.66
ASTORIA___5 23518	51.03 3.43 -0.01	46.30 2.87 -0.01	44.20 2.66 -0.01	44.42 2.83 -0.01	44.78 2.85 -0.01	47.97 3.33 -0.32	62.63 4.26 0.00	71.05 5.32 0.00	70.43 5.17 -5.12	64.92 4.82 -5.38	62.69 4.51 -5.76	61.26 4.18 -8.48	61.26 4.01 -10.57	60.14 3.76 -10.57	60.14 3.69 -12.00	59.03 3.91 -8.52	61.26 4.24 -7.74	65.87 4.49 -5.26	72.96 5.04 -4.08	89.03 6.45 0.00	86.66 5.97 0.00	66.66 4.13 0.00	60.13 3.99 0.00	57.91 3.43 -4.66
AST_ENERGY_2_CC3 323677	50.74 3.14 0.00	46.08 2.65 0.00	43.98 2.45 0.00	44.17 2.58 0.00	44.47 2.56 0.00	47.38 3.06 0.00	62.45 4.08 0.00	70.72 4.99 0.00	65.01 4.87 0.00	59.26 4.54 0.00	56.67 4.24 0.00	52.53 3.93 0.00	50.45 3.78 0.00	49.34 3.53 0.00	47.88 3.42 0.00	50.23 3.64 0.00	53.27 3.99 0.00	60.33 4.21 0.00	68.50 4.66 0.00	88.78 6.20 0.00	86.18 5.49 0.00	66.48 3.94 0.00	59.79 3.65 0.00	52.95 3.14 0.00
AST_ENERGY_2_CC4 323678	50.74 3.14 0.00	46.08 2.65 0.00	43.98 2.45 0.00	44.17 2.58 0.00	44.47 2.56 0.00	47.38 3.06 0.00	62.45 4.08 0.00	70.72 4.99 0.00	65.01 4.87 0.00	59.26 4.54 0.00	56.67 4.24 0.00	52.53 3.93 0.00	50.45 3.78 0.00	49.34 3.53 0.00	47.88 3.42 0.00	50.23 3.64 0.00	53.27 3.99 0.00	60.33 4.21 0.00	68.50 4.66 0.00	88.78 6.20 0.00	86.18 5.49 0.00	66.48 3.94 0.00	59.79 3.65 0.00	52.95 3.14 0.00

ATHENS_STG_1 23668	48.98 1.38 0.00	44.73 1.30 0.00	42.82 1.29 0.00	42.92 1.33 0.00	43.22 1.30 0.00	45.70 1.38 0.00	60.00 1.63 0.00	67.37 1.64 0.00	61.76 1.62 0.00	56.20 1.48 0.00	53.84 1.42 0.00	49.86 1.26 0.00	47.94 1.26 0.00	46.96 1.15 0.00	45.57 1.11 0.00	47.76 1.17 0.00	50.61 1.33 0.00	57.86 1.74 0.00	65.69 1.85 0.00	84.89 2.31 0.00	82.70 2.02 0.00	64.03 1.50 0.00	57.60 1.46 0.00	51.00 1.19 0.00
ATHENS_STG_2 23670	48.98 1.38 0.00	44.73 1.30 0.00	42.82 1.29 0.00	42.92 1.33 0.00	43.22 1.30 0.00	45.70 1.38 0.00	60.00 1.63 0.00	67.37 1.64 0.00	61.76 1.62 0.00	56.20 1.48 0.00	53.84 1.42 0.00	49.86 1.26 0.00	47.94 1.26 0.00	46.96 1.15 0.00	45.57 1.11 0.00	47.76 1.17 0.00	50.61 1.33 0.00	57.86 1.74 0.00	65.69 1.85 0.00	84.89 2.31 0.00	82.70 2.02 0.00	64.03 1.50 0.00	57.60 1.46 0.00	51.00 1.19 0.00
ATHENS_STG_3 23677	48.98 1.38 0.00	44.73 1.30 0.00	42.82 1.29 0.00	42.92 1.33 0.00	43.22 1.30 0.00	45.70 1.38 0.00	60.00 1.63 0.00	67.37 1.64 0.00	61.76 1.62 0.00	56.20 1.48 0.00	53.84 1.42 0.00	49.86 1.26 0.00	47.94 1.26 0.00	46.96 1.15 0.00	45.57 1.11 0.00	47.76 1.17 0.00	50.61 1.33 0.00	57.86 1.74 0.00	65.69 1.85 0.00	84.89 2.31 0.00	82.70 2.02 0.00	64.03 1.50 0.00	57.60 1.46 0.00	51.00 1.19 0.00
AUBURN___LFGE 323710	47.69 0.10 0.00	43.52 0.09 0.00	41.65 0.12 0.00	41.71 0.12 0.00	42.08 0.17 0.00	44.68 0.35 0.00	59.19 0.82 0.00	66.78 1.05 0.00	61.04 0.90 0.00	55.59 0.88 0.00	53.21 0.79 0.00	49.43 0.83 0.00	47.33 0.65 0.00	46.55 0.73 0.00	45.12 0.67 0.00	47.34 0.75 0.00	49.97 0.69 0.00	56.90 0.79 0.00	64.73 0.89 0.00	83.65 1.07 0.00	82.06 1.37 0.00	63.47 0.94 0.00	56.82 0.67 0.00	50.41 0.60 0.00
BABYLON_RES_REC 323704	51.61 4.00 -0.01	46.64 3.21 0.00	44.10 2.58 0.00	44.54 2.95 0.00	44.56 2.64 0.00	47.87 3.55 0.00	61.34 2.98 0.00	69.08 3.35 0.00	63.38 3.25 0.00	57.62 2.90 0.00	54.94 2.52 0.00	51.32 2.72 0.00	48.87 2.19 0.00	47.65 1.83 0.00	46.32 1.87 0.00	49.07 2.47 0.00	52.14 2.86 0.00	58.92 2.80 0.00	66.84 3.00 0.00	87.04 4.46 0.00	84.00 3.31 0.00	65.47 2.94 0.00	58.78 2.64 0.00	52.25 2.44 0.00
BABYLON__69_KV_BK2 356345	51.99 4.38 -0.01	47.08 3.65 0.00	44.72 3.20 0.00	44.50 2.91 0.00	44.89 2.98 0.00	48.23 3.90 0.00	62.28 3.91 0.00	70.33 4.60 0.00	64.35 4.21 0.00	58.38 3.67 0.00	55.62 3.20 0.00	51.90 3.30 0.00	49.57 2.89 0.00	48.01 2.20 0.00	47.03 2.58 0.00	49.67 3.08 0.00	52.78 3.50 0.00	59.71 3.59 0.00	67.80 3.96 0.00	88.53 5.95 0.00	85.45 4.76 0.00	66.47 3.94 0.00	59.57 3.42 0.00	52.95 3.14 0.00
BALL_HILL_WT_PWR 323825	45.93 -1.67 0.00	41.69 -1.74 0.00	40.12 -1.41 0.00	40.30 -1.29 0.00	40.91 -1.01 0.00	42.95 -1.37 0.00	57.49 -0.87 0.00	63.69 -2.04 0.00	53.75 -1.93 4.46	50.62 -1.47 2.62	49.87 -1.73 0.82	47.53 -1.07 0.00	45.00 -1.68 0.00	44.58 -1.23 0.00	43.39 -1.07 0.00	45.43 -1.16 0.00	47.46 -1.82 0.00	52.46 -2.75 0.91	57.46 -3.39 2.99	71.89 -5.45 5.24	78.03 -2.66 0.00	61.03 -1.50 0.00	55.02 -1.12 0.00	50.01 0.20 0.00
BARON_WINDS___WT_PWR 323822	45.98 -1.62 0.00	41.82 -1.61 0.00	40.12 -1.41 0.00	40.22 -1.37 0.00	40.79 -1.13 0.00	43.13 -1.19 0.00	57.14 -1.23 0.00	63.69 -2.04 0.00	-6.00 -2.16 63.98	15.08 -1.97 37.67	38.56 -2.10 11.76	47.09 -1.51 0.00	44.72 -1.96 0.00	44.17 -1.65 0.00	42.94 -1.51 0.00	44.92 -1.68 0.00	47.21 -2.07 0.00	40.42 -2.69 13.01	17.99 -2.94 42.91	3.23 -4.21 75.14	78.27 -2.42 0.00	61.10 -1.44 0.00	54.91 -1.24 0.00	49.46 -0.35 0.00
BARRETT_IC_1 23704	51.08 3.47 -0.01	46.34 2.91 0.00	43.89 2.37 0.00	44.29 2.70 0.00	44.39 2.47 0.00	47.61 3.28 0.00	61.63 3.27 0.00	69.61 3.88 0.00	63.75 3.61 0.00	58.11 3.39 0.00	55.41 2.99 0.00	51.76 3.16 0.00	49.43 2.75 0.00	48.19 2.38 0.00	46.85 2.40 0.00	49.44 2.84 0.00	52.48 3.20 0.00	59.20 3.08 0.00	67.28 3.44 0.00	87.54 4.95 0.00	84.64 3.95 0.00	65.60 3.06 0.00	59.06 2.92 0.00	52.55 2.74 0.00
BARRETT_IC_10 23701	51.08 3.47 -0.01	46.34 2.91 0.00	43.89 2.37 0.00	44.29 2.70 0.00	44.39 2.47 0.00	47.61 3.28 0.00	61.63 3.27 0.00	69.61 3.88 0.00	63.75 3.61 0.00	58.11 3.39 0.00	55.41 2.99 0.00	51.76 3.16 0.00	49.43 2.75 0.00	48.19 2.38 0.00	46.85 2.40 0.00	49.44 2.84 0.00	52.48 3.20 0.00	59.20 3.08 0.00	67.28 3.44 0.00	87.54 4.95 0.00	84.64 3.95 0.00	65.60 3.06 0.00	59.06 2.92 0.00	52.55 2.74 0.00
BARRETT_IC_11 23702	51.08 3.47 -0.01	46.34 2.91 0.00	43.89 2.37 0.00	44.29 2.70 0.00	44.39 2.47 0.00	47.61 3.28 0.00	61.63 3.27 0.00	69.61 3.88 0.00	63.75 3.61 0.00	58.11 3.39 0.00	55.41 2.99 0.00	51.76 3.16 0.00	49.43 2.75 0.00	48.19 2.38 0.00	46.85 2.40 0.00	49.44 2.84 0.00	52.48 3.20 0.00	59.20 3.08 0.00	67.28 3.44 0.00	87.54 4.95 0.00	84.64 3.95 0.00	65.60 3.06 0.00	59.06 2.92 0.00	52.55 2.74 0.00
BARRETT_IC_12 23703	51.08 3.47 -0.01	46.34 2.91 0.00	43.89 2.37 0.00	44.29 2.70 0.00	44.39 2.47 0.00	47.61 3.28 0.00	61.63 3.27 0.00	69.61 3.88 0.00	63.75 3.61 0.00	58.11 3.39 0.00	55.41 2.99 0.00	51.76 3.16 0.00	49.43 2.75 0.00	48.19 2.38 0.00	46.85 2.40 0.00	49.44 2.84 0.00	52.48 3.20 0.00	59.20 3.08 0.00	67.28 3.44 0.00	87.54 4.95 0.00	84.64 3.95 0.00	65.60 3.06 0.00	59.06 2.92 0.00	52.55 2.74 0.00
BARRETT_IC_2 23705	51.08 3.47 -0.01	46.34 2.91 0.00	43.89 2.37 0.00	44.29 2.70 0.00	44.39 2.47 0.00	47.61 3.28 0.00	61.63 3.27 0.00	69.61 3.88 0.00	63.75 3.61 0.00	58.11 3.39 0.00	55.41 2.99 0.00	51.76 3.16 0.00	49.43 2.75 0.00	48.19 2.38 0.00	46.85 2.40 0.00	49.44 2.84 0.00	52.48 3.20 0.00	59.20 3.08 0.00	67.28 3.44 0.00	87.54 4.95 0.00	84.64 3.95 0.00	65.60 3.06 0.00	59.06 2.92 0.00	52.55 2.74 0.00
BARRETT_IC_3 23706	51.08 3.47 -0.01	46.34 2.91 0.00	43.89 2.37 0.00	44.29 2.70 0.00	44.39 2.47 0.00	47.61 3.28 0.00	61.63 3.27 0.00	69.61 3.88 0.00	63.75 3.61 0.00	58.11 3.39 0.00	55.41 2.99 0.00	51.76 3.16 0.00	49.43 2.75 0.00	48.19 2.38 0.00	46.85 2.40 0.00	49.44 2.84 0.00	52.48 3.20 0.00	59.20 3.08 0.00	67.28 3.44 0.00	87.54 4.95 0.00	84.64 3.95 0.00	65.60 3.06 0.00	59.06 2.92 0.00	52.55 2.74 0.00
BARRETT_IC_4 23707	51.08 3.47 -0.01	46.34 2.91 0.00	43.89 2.37 0.00	44.29 2.70 0.00	44.39 2.47 0.00	47.61 3.28 0.00	61.63 3.27 0.00	69.61 3.88 0.00	63.75 3.61 0.00	58.11 3.39 0.00	55.41 2.99 0.00	51.76 3.16 0.00	49.43 2.75 0.00	48.19 2.38 0.00	46.85 2.40 0.00	49.44 2.84 0.00	52.48 3.20 0.00	59.20 3.08 0.00	67.28 3.44 0.00	87.54 4.95 0.00	84.64 3.95 0.00	65.60 3.06 0.00	59.06 2.92 0.00	52.55 2.74 0.00

BARRETT_IC_5 23708	51.08 3.47 -0.01	46.34 2.91 0.00	43.89 2.37 0.00	44.29 2.70 0.00	44.39 2.47 0.00	47.61 3.28 0.00	61.63 3.27 0.00	69.61 3.88 0.00	63.75 3.61 0.00	58.11 3.39 0.00	55.41 2.99 0.00	51.76 3.16 0.00	49.43 2.75 0.00	48.19 2.38 0.00	46.85 2.40 0.00	49.44 2.84 0.00	52.48 3.20 0.00	59.20 3.08 0.00	67.28 3.44 0.00	87.54 4.95 0.00	84.64 3.95 0.00	65.60 3.06 0.00	59.06 2.92 0.00	52.55 2.74 0.00
BARRETT_IC_6 23709	51.08 3.47 -0.01	46.34 2.91 0.00	43.89 2.37 0.00	44.29 2.70 0.00	44.39 2.47 0.00	47.61 3.28 0.00	61.63 3.27 0.00	69.61 3.88 0.00	63.75 3.61 0.00	58.11 3.39 0.00	55.41 2.99 0.00	51.76 3.16 0.00	49.43 2.75 0.00	48.19 2.38 0.00	46.85 2.40 0.00	49.44 2.84 0.00	52.48 3.20 0.00	59.20 3.08 0.00	67.28 3.44 0.00	87.54 4.95 0.00	84.64 3.95 0.00	65.60 3.06 0.00	59.06 2.92 0.00	52.55 2.74 0.00
BARRETT_IC_7 23710	51.03 3.43 -0.01	46.38 2.95 0.00	44.10 2.57 0.00	44.00 2.41 0.00	44.39 2.47 0.00	47.61 3.28 0.00	61.70 3.33 0.00	69.61 3.88 0.00	63.75 3.61 0.00	58.11 3.39 0.00	55.36 2.94 0.00	51.66 3.06 0.00	49.52 2.85 0.00	48.10 2.29 0.00	46.99 2.53 0.00	49.44 2.84 0.00	52.49 3.20 0.00	59.20 3.09 0.00	67.22 3.38 0.00	87.45 4.87 0.00	84.64 3.95 0.00	65.72 3.19 0.00	59.01 2.86 0.00	52.55 2.74 0.00
BARRETT_IC_8 23711	51.08 3.47 -0.01	46.34 2.91 0.00	43.89 2.37 0.00	44.29 2.70 0.00	44.39 2.47 0.00	47.61 3.28 0.00	61.63 3.27 0.00	69.61 3.88 0.00	63.75 3.61 0.00	58.11 3.39 0.00	55.41 2.99 0.00	51.76 3.16 0.00	49.43 2.75 0.00	48.19 2.38 0.00	46.85 2.40 0.00	49.44 2.84 0.00	52.48 3.20 0.00	59.20 3.08 0.00	67.28 3.44 0.00	87.54 4.95 0.00	84.64 3.95 0.00	65.60 3.06 0.00	59.06 2.92 0.00	52.55 2.74 0.00
BARRETT_IC_9 23700	51.08 3.47 -0.01	46.34 2.91 0.00	43.89 2.37 0.00	44.29 2.70 0.00	44.39 2.47 0.00	47.61 3.28 0.00	61.63 3.27 0.00	69.61 3.88 0.00	63.75 3.61 0.00	58.11 3.39 0.00	55.41 2.99 0.00	51.76 3.16 0.00	49.43 2.75 0.00	48.19 2.38 0.00	46.85 2.40 0.00	49.44 2.84 0.00	52.48 3.20 0.00	59.20 3.08 0.00	67.28 3.44 0.00	87.54 4.95 0.00	84.64 3.95 0.00	65.60 3.06 0.00	59.06 2.92 0.00	52.55 2.74 0.00
BARRETT___1 23545	51.08 3.47 -0.01	46.34 2.91 0.00	43.89 2.37 0.00	44.29 2.70 0.00	44.39 2.47 0.00	47.61 3.28 0.00	61.63 3.27 0.00	69.61 3.88 0.00	63.75 3.61 0.00	58.11 3.39 0.00	55.41 2.99 0.00	51.76 3.16 0.00	49.43 2.75 0.00	48.19 2.38 0.00	46.85 2.40 0.00	49.44 2.84 0.00	52.48 3.20 0.00	59.20 3.08 0.00	67.28 3.44 0.00	87.54 4.95 0.00	84.64 3.95 0.00	65.60 3.06 0.00	59.06 2.92 0.00	52.55 2.74 0.00
BARRETT___2 23546	51.08 3.47 -0.01	46.34 2.91 0.00	43.89 2.37 0.00	44.29 2.70 0.00	44.39 2.47 0.00	47.61 3.28 0.00	61.63 3.27 0.00	69.61 3.88 0.00	63.75 3.61 0.00	58.11 3.39 0.00	55.41 2.99 0.00	51.76 3.16 0.00	49.43 2.75 0.00	48.19 2.38 0.00	46.85 2.40 0.00	49.44 2.84 0.00	52.48 3.20 0.00	59.20 3.08 0.00	67.28 3.44 0.00	87.54 4.95 0.00	84.64 3.95 0.00	65.60 3.06 0.00	59.06 2.92 0.00	52.55 2.74 0.00
BATAVIA__115KV_TB1 55881	46.41 -1.19 0.00	42.13 -1.30 0.00	40.61 -0.91 0.00	40.80 -0.79 0.00	40.83 -1.09 0.00	43.48 -0.84 0.00	57.67 -0.70 0.00	64.15 -1.58 0.00	52.99 -1.50 5.65	50.44 -0.93 3.34	50.17 -1.21 1.04	48.21 -0.39 0.00	45.32 -1.35 0.00	44.99 -0.82 0.00	43.52 -0.93 0.00	45.95 -0.65 0.00	47.85 -1.43 0.00	52.84 -2.13 1.15	57.56 -2.49 3.79	71.90 -4.05 6.63	79.07 -1.61 0.00	61.28 -1.25 0.00	55.25 -0.90 0.00	49.96 0.15 0.00
BAYONEEC___CTG1 323682	50.79 3.19 0.00	46.08 2.65 0.00	44.02 2.49 0.00	44.21 2.62 0.00	44.52 2.60 0.00	47.38 3.06 0.00	62.45 4.08 0.00	70.79 5.06 0.00	65.01 4.87 0.00	59.26 4.54 0.00	56.67 4.24 0.00	52.59 3.99 0.00	50.45 3.78 0.00	49.34 3.53 0.00	47.88 3.42 0.00	50.23 3.64 0.00	53.27 3.99 0.00	60.33 4.21 0.00	68.50 4.66 0.00	88.78 6.20 0.00	86.18 5.49 0.00	66.48 3.94 0.00	59.79 3.65 0.00	53.00 3.19 0.00
BAYONEEC___CTG10 323750	50.79 3.19 0.00	46.08 2.65 0.00	44.02 2.49 0.00	44.21 2.62 0.00	44.52 2.60 0.00	47.38 3.06 0.00	62.45 4.08 0.00	70.79 5.06 0.00	65.01 4.87 0.00	59.26 4.54 0.00	56.67 4.24 0.00	52.59 3.99 0.00	50.45 3.78 0.00	49.34 3.53 0.00	47.88 3.42 0.00	50.23 3.64 0.00	53.27 3.99 0.00	60.33 4.21 0.00	68.50 4.66 0.00	88.78 6.20 0.00	86.18 5.49 0.00	66.48 3.94 0.00	59.79 3.65 0.00	53.00 3.19 0.00
BAYONEEC___CTG2 323683	50.79 3.19 0.00	46.08 2.65 0.00	44.02 2.49 0.00	44.21 2.62 0.00	44.52 2.60 0.00	47.38 3.06 0.00	62.45 4.08 0.00	70.79 5.06 0.00	65.01 4.87 0.00	59.26 4.54 0.00	56.67 4.24 0.00	52.59 3.99 0.00	50.45 3.78 0.00	49.34 3.53 0.00	47.88 3.42 0.00	50.23 3.64 0.00	53.27 3.99 0.00	60.33 4.21 0.00	68.50 4.66 0.00	88.78 6.20 0.00	86.18 5.49 0.00	66.48 3.94 0.00	59.79 3.65 0.00	53.00 3.19 0.00
BAYONEEC___CTG3 323684	50.79 3.19 0.00	46.08 2.65 0.00	44.02 2.49 0.00	44.21 2.62 0.00	44.52 2.60 0.00	47.38 3.06 0.00	62.45 4.08 0.00	70.79 5.06 0.00	65.01 4.87 0.00	59.26 4.54 0.00	56.67 4.24 0.00	52.59 3.99 0.00	50.45 3.78 0.00	49.34 3.53 0.00	47.88 3.42 0.00	50.23 3.64 0.00	53.27 3.99 0.00	60.33 4.21 0.00	68.50 4.66 0.00	88.78 6.20 0.00	86.18 5.49 0.00	66.48 3.94 0.00	59.79 3.65 0.00	53.00 3.19 0.00
BAYONEEC___CTG4 323685	50.79 3.19 0.00	46.08 2.65 0.00	44.02 2.49 0.00	44.21 2.62 0.00	44.52 2.60 0.00	47.38 3.06 0.00	62.45 4.08 0.00	70.79 5.06 0.00	65.01 4.87 0.00	59.26 4.54 0.00	56.67 4.24 0.00	52.59 3.99 0.00	50.45 3.78 0.00	49.34 3.53 0.00	47.88 3.42 0.00	50.23 3.64 0.00	53.27 3.99 0.00	60.33 4.21 0.00	68.50 4.66 0.00	88.78 6.20 0.00	86.18 5.49 0.00	66.48 3.94 0.00	59.79 3.65 0.00	53.00 3.19 0.00
BAYONEEC___CTG5 323686	50.79 3.19 0.00	46.08 2.65 0.00	44.02 2.49 0.00	44.21 2.62 0.00	44.52 2.60 0.00	47.38 3.06 0.00	62.45 4.08 0.00	70.79 5.06 0.00	65.01 4.87 0.00	59.26 4.54 0.00	56.67 4.24 0.00	52.59 3.99 0.00	50.45 3.78 0.00	49.34 3.53 0.00	47.88 3.42 0.00	50.23 3.64 0.00	53.27 3.99 0.00	60.33 4.21 0.00	68.50 4.66 0.00	88.78 6.20 0.00	86.18 5.49 0.00	66.48 3.94 0.00	59.79 3.65 0.00	53.00 3.19 0.00
BAYONEEC___CTG6 323687	50.79 3.19 0.00	46.08 2.65 0.00	44.02 2.49 0.00	44.21 2.62 0.00	44.52 2.60 0.00	47.38 3.06 0.00	62.45 4.08 0.00	70.79 5.06 0.00	65.01 4.87 0.00	59.26 4.54 0.00	56.67 4.24 0.00	52.59 3.99 0.00	50.45 3.78 0.00	49.34 3.53 0.00	47.88 3.42 0.00	50.23 3.64 0.00	53.27 3.99 0.00	60.33 4.21 0.00	68.50 4.66 0.00	88.78 6.20 0.00	86.18 5.49 0.00	66.48 3.94 0.00	59.79 3.65 0.00	53.00 3.19 0.00

BAYONEEC___CTG7 323688	50.79 3.19 0.00	46.08 2.65 0.00	44.02 2.49 0.00	44.21 2.62 0.00	44.52 2.60 0.00	47.38 3.06 0.00	62.45 4.08 0.00	70.79 5.06 0.00	65.01 4.87 0.00	59.26 4.54 0.00	56.67 4.24 0.00	52.59 3.99 0.00	50.45 3.78 0.00	49.34 3.53 0.00	47.88 3.42 0.00	50.23 3.64 0.00	53.27 3.99 0.00	60.33 4.21 0.00	68.50 4.66 0.00	88.78 6.20 0.00	86.18 5.49 0.00	66.48 3.94 0.00	59.79 3.65 0.00	53.00 3.19 0.00
BAYONEEC___CTG8 323689	50.79 3.19 0.00	46.08 2.65 0.00	44.02 2.49 0.00	44.21 2.62 0.00	44.52 2.60 0.00	47.38 3.06 0.00	62.45 4.08 0.00	70.79 5.06 0.00	65.01 4.87 0.00	59.26 4.54 0.00	56.67 4.24 0.00	52.59 3.99 0.00	50.45 3.78 0.00	49.34 3.53 0.00	47.88 3.42 0.00	50.23 3.64 0.00	53.27 3.99 0.00	60.33 4.21 0.00	68.50 4.66 0.00	88.78 6.20 0.00	86.18 5.49 0.00	66.48 3.94 0.00	59.79 3.65 0.00	53.00 3.19 0.00
BAYONEEC___CTG9 323749	50.79 3.19 0.00	46.08 2.65 0.00	44.02 2.49 0.00	44.21 2.62 0.00	44.52 2.60 0.00	47.38 3.06 0.00	62.45 4.08 0.00	70.79 5.06 0.00	65.01 4.87 0.00	59.26 4.54 0.00	56.67 4.24 0.00	52.59 3.99 0.00	50.45 3.78 0.00	49.34 3.53 0.00	47.88 3.42 0.00	50.23 3.64 0.00	53.27 3.99 0.00	60.33 4.21 0.00	68.50 4.66 0.00	88.78 6.20 0.00	86.18 5.49 0.00	66.48 3.94 0.00	59.79 3.65 0.00	53.00 3.19 0.00
BEACON___LESR 323632	48.60 1.00 0.00	44.51 1.09 0.00	42.57 1.04 0.00	42.71 1.12 0.00	43.00 1.09 0.00	45.61 1.29 0.00	59.83 1.46 0.00	67.44 1.71 0.00	61.70 1.56 0.00	55.98 1.26 0.00	53.68 1.26 0.00	49.67 1.07 0.00	47.75 1.07 0.00	46.78 0.96 0.00	45.43 0.98 0.00	47.62 1.02 0.00	50.51 1.23 0.00	57.75 1.63 0.00	65.69 1.85 0.00	85.06 2.48 0.00	82.62 1.93 0.00	64.03 1.50 0.00	57.38 1.23 0.00	50.81 1.00 0.00
BEAVER RIVER___HYD 24048	46.50 -1.09 0.00	42.47 -0.96 0.00	40.61 -0.91 0.00	40.67 -0.92 0.00	40.91 -1.01 0.00	43.48 -0.84 0.00	61.43 -0.70 -3.76	69.24 -0.66 -4.16	62.91 -1.08 -3.85	56.90 -1.37 -3.55	54.54 -1.31 -3.43	50.00 -1.51 -2.91	48.44 -1.36 -3.12	47.65 -1.33 -3.16	46.33 -1.20 -3.08	48.59 -1.21 -3.20	51.56 -1.08 -3.36	58.56 -0.95 -3.40	67.62 -0.44 -4.23	88.27 0.33 -5.35	86.18 0.24 -5.25	66.65 -0.06 -4.17	59.55 -0.39 -3.79	52.68 -0.55 -3.41
BEEBEE_GT_13 23619	46.74 -0.86 0.00	42.52 -0.91 0.00	40.86 -0.66 0.00	40.96 -0.62 0.00	41.16 -0.75 0.00	43.75 -0.58 0.00	57.90 -0.47 0.00	64.94 -0.79 0.00	59.36 -0.78 0.00	54.44 -0.27 0.00	51.95 -0.47 0.00	48.65 0.05 0.00	46.30 -0.37 0.00	45.72 -0.09 0.00	44.28 -0.18 0.00	46.55 -0.05 0.00	48.69 -0.59 0.00	55.16 -0.95 0.00	62.75 -1.09 0.00	80.60 -1.98 0.00	80.12 -0.56 0.00	61.97 -0.56 0.00	55.64 -0.51 0.00	49.86 0.05 0.00
BENSHRST_27_KV_BENSHRST_1 355998	57.39 3.90 -5.89	56.64 3.39 -9.83	56.71 3.20 -11.98	55.82 3.12 -11.11	55.87 3.27 -10.68	56.65 3.77 -8.56	63.28 4.90 -0.01	71.85 6.11 -0.01	102.04 5.83 -36.07	98.04 5.36 -37.96	98.02 4.98 -40.62	97.97 4.62 -44.75	98.00 4.48 -46.84	97.95 4.17 -47.96	98.12 4.22 -49.44	98.00 4.33 -47.07	98.02 4.73 -44.01	98.33 5.11 -37.11	98.45 5.81 -28.80	98.57 7.60 -8.40	98.46 7.02 -10.76	98.13 4.94 -30.66	98.11 4.66 -37.30	86.74 4.03 -32.90
BETHLEHEM___GRP 23843	47.93 0.33 0.00	43.86 0.43 0.00	41.98 0.46 0.00	42.04 0.46 0.00	42.46 0.54 0.00	44.90 0.58 0.00	58.84 0.47 0.00	66.26 0.53 0.00	60.68 0.54 0.00	55.10 0.38 0.00	52.89 0.47 0.00	48.94 0.34 0.00	47.09 0.42 0.00	46.13 0.32 0.00	44.86 0.40 0.00	46.88 0.28 0.00	49.73 0.44 0.00	56.74 0.62 0.00	64.54 0.70 0.00	83.49 0.91 0.00	81.17 0.48 0.00	62.91 0.38 0.00	56.42 0.28 0.00	49.96 0.15 0.00
BETHLEHEM___GS1 323560	47.89 0.29 0.00	43.86 0.43 0.00	41.94 0.42 0.00	42.09 0.50 0.00	42.42 0.50 0.00	44.90 0.57 0.00	58.83 0.46 0.00	66.25 0.52 0.00	60.68 0.54 0.00	55.10 0.39 0.00	52.89 0.47 0.00	48.94 0.34 0.00	47.09 0.42 0.00	46.09 0.28 0.00	44.81 0.35 0.00	46.88 0.28 0.00	49.72 0.44 0.00	56.74 0.62 0.00	64.54 0.70 0.00	83.49 0.91 0.00	81.17 0.49 0.00	62.91 0.38 0.00	56.43 0.28 0.00	49.96 0.15 0.00
BETHLEHEM___GS2 323561	47.89 0.29 0.00	43.86 0.43 0.00	41.94 0.42 0.00	42.09 0.50 0.00	42.42 0.50 0.00	44.90 0.57 0.00	58.83 0.46 0.00	66.25 0.52 0.00	60.68 0.54 0.00	55.10 0.39 0.00	52.89 0.47 0.00	48.94 0.34 0.00	47.09 0.42 0.00	46.09 0.28 0.00	44.81 0.35 0.00	46.88 0.28 0.00	49.72 0.44 0.00	56.74 0.62 0.00	64.54 0.70 0.00	83.49 0.91 0.00	81.17 0.49 0.00	62.91 0.38 0.00	56.43 0.28 0.00	49.96 0.15 0.00
BETHLEHEM___GS3 323562	47.89 0.29 0.00	43.86 0.43 0.00	41.94 0.42 0.00	42.09 0.50 0.00	42.42 0.50 0.00	44.90 0.57 0.00	58.83 0.46 0.00	66.25 0.52 0.00	60.68 0.54 0.00	55.10 0.39 0.00	52.89 0.47 0.00	48.94 0.34 0.00	47.09 0.42 0.00	46.09 0.28 0.00	44.81 0.35 0.00	46.88 0.28 0.00	49.72 0.44 0.00	56.74 0.62 0.00	64.54 0.70 0.00	83.49 0.91 0.00	81.17 0.49 0.00	62.91 0.38 0.00	56.43 0.28 0.00	49.96 0.15 0.00
BETHLEHEM___STEEL 23779	45.98 -1.62 0.00	41.69 -1.74 0.00	40.28 -1.25 0.00	40.30 -1.29 0.00	40.41 -1.51 0.00	42.91 -1.42 0.00	56.91 -1.46 0.00	62.90 -2.83 0.00	52.14 -2.53 5.47	49.64 -1.86 3.21	49.27 -2.15 1.00	47.43 -1.17 0.00	44.71 -1.96 0.00	44.44 -1.37 0.00	42.99 -1.47 0.00	45.34 -1.26 0.00	47.26 -2.02 0.00	51.92 -3.09 1.11	56.27 -3.89 3.67	69.88 -6.28 6.43	77.06 -3.63 0.00	59.97 -2.56 0.00	54.29 -1.85 0.00	49.36 -0.45 0.00
BETHLHEM_115KV_TB1 79974	48.07 0.48 0.00	43.99 0.56 0.00	42.07 0.54 0.00	42.17 0.58 0.00	42.55 0.63 0.00	44.99 0.66 0.00	59.01 0.64 0.00	66.45 0.72 0.00	60.86 0.72 0.00	55.26 0.55 0.00	53.05 0.63 0.00	49.09 0.49 0.00	47.19 0.51 0.00	46.27 0.46 0.00	44.94 0.49 0.00	47.02 0.42 0.00	49.82 0.54 0.00	56.90 0.79 0.00	64.73 0.89 0.00	83.74 1.16 0.00	81.41 0.73 0.00	63.10 0.56 0.00	56.59 0.45 0.00	50.16 0.35 0.00
BETHPAGE_CC_5 323564	51.51 3.90 -0.01	46.64 3.21 0.00	44.15 2.62 0.00	44.54 2.95 0.00	44.64 2.72 0.00	47.87 3.55 0.00	61.93 3.56 0.00	70.07 4.34 0.00	64.11 3.97 0.00	58.33 3.61 0.00	55.62 3.20 0.00	51.86 3.26 0.00	49.57 2.89 0.00	48.33 2.52 0.00	46.99 2.53 0.00	49.67 3.07 0.00	52.78 3.50 0.00	59.54 3.42 0.00	67.80 3.96 0.00	88.20 5.62 0.00	85.20 4.52 0.00	66.16 3.63 0.00	59.40 3.26 0.00	52.80 2.99 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	45.98 -1.62 0.00	41.69 -1.74 0.00	40.28 -1.25 0.00	40.34 -1.25 0.00	40.41 -1.51 0.00	42.91 -1.42 0.00	56.91 -1.46 0.00	62.90 -2.83 0.00	52.55 -2.53 5.07	49.88 -1.86 2.98	49.34 -2.15 0.93	47.38 -1.21 0.00	44.71 -1.96 0.00	44.39 -1.42 0.00	42.94 -1.51 0.00	45.29 -1.30 0.00	47.21 -2.07 0.00	52.00 -3.09 1.03	56.55 -3.89 3.40	70.44 -6.19 5.95	77.14 -3.55 0.00	59.97 -2.56 0.00	54.29 -1.85 0.00	49.41 -0.40 0.00

BINGHAMTON___COGEN 23790	47.79 0.19 0.00	43.60 0.17 0.00	41.78 0.25 0.00	41.88 0.29 0.00	42.25 0.34 0.00	44.77 0.44 0.00	59.24 0.88 0.00	66.45 0.72 0.00	60.80 0.66 0.00	55.37 0.66 0.00	52.95 0.52 0.00	49.18 0.58 0.00	47.09 0.42 0.00	46.32 0.50 0.00	44.94 0.49 0.00	47.11 0.51 0.00	49.73 0.44 0.00	56.45 0.34 0.00	64.16 0.32 0.00	82.75 0.17 0.00	81.41 0.73 0.00	63.03 0.50 0.00	56.65 0.51 0.00	50.46 0.65 0.00
BIXINCNT_115KV_LOAD 355685	44.98 -2.62 0.00	40.78 -2.65 0.00	39.37 -2.16 0.00	39.42 -2.16 0.00	39.53 -2.39 0.00	42.02 -2.30 0.00	55.68 -2.68 0.00	61.39 -4.34 0.00	53.41 -4.09 2.64	49.67 -3.50 1.55	48.11 -3.83 0.48	45.93 -2.67 0.00	43.13 -3.55 0.00	42.79 -3.02 0.00	41.43 -3.02 0.00	43.62 -2.98 0.00	45.54 -3.75 0.00	50.98 -4.60 0.54	56.51 -5.55 1.77	71.47 -8.01 3.10	75.52 -5.16 0.00	58.84 -3.69 0.00	53.67 -2.47 0.00	49.16 -0.65 0.00
BLACK RIVER___HYD 24047	46.93 -0.67 0.00	42.91 -0.52 0.00	41.03 -0.50 0.00	41.13 -0.46 0.00	41.37 -0.55 0.00	44.06 -0.26 0.00	61.23 0.23 -2.62	68.90 0.26 -2.91	62.47 -0.36 -2.69	56.38 -0.82 -2.48	53.98 -0.84 -2.39	49.52 -1.12 -2.03	47.87 -0.98 -2.18	47.02 -1.01 -2.21	45.81 -0.80 -2.15	48.14 -0.70 -2.24	51.09 -0.54 -2.35	58.21 -0.28 -2.38	67.30 0.51 -2.95	88.22 1.90 -3.74	86.29 1.93 -3.67	66.51 1.06 -2.92	59.24 0.45 -2.65	52.35 0.15 -2.38
BLACKRVR_115KV_TB2 79977	46.93 -0.67 0.00	42.91 -0.52 0.00	41.03 -0.50 0.00	41.13 -0.46 0.00	41.37 -0.54 0.00	44.06 -0.27 0.00	61.23 0.23 -2.62	68.90 0.26 -2.91	62.47 -0.36 -2.69	56.38 -0.82 -2.48	53.98 -0.84 -2.39	49.52 -1.12 -2.03	47.87 -0.98 -2.18	47.02 -1.01 -2.21	45.80 -0.80 -2.15	48.14 -0.70 -2.24	51.09 -0.54 -2.35	58.21 -0.28 -2.38	67.30 0.51 -2.95	88.22 1.90 -3.74	86.29 1.94 -3.67	66.51 1.06 -2.92	59.24 0.45 -2.65	52.34 0.15 -2.38
BLISS_WT_PWR 323608	44.55 -3.05 0.00	40.43 -3.00 0.00	38.87 -2.66 0.00	39.09 -2.49 0.00	39.61 -2.31 0.00	41.62 -2.71 0.00	55.22 -3.15 0.00	60.67 -5.06 0.00	52.81 -4.69 2.64	49.06 -4.10 1.55	47.48 -4.46 0.48	45.29 -3.31 0.00	42.61 -4.06 0.00	42.24 -3.57 0.00	41.17 -3.29 0.00	43.10 -3.50 0.00	44.95 -4.34 0.00	50.42 -5.16 0.54	55.94 -6.13 1.77	70.73 -8.76 3.10	74.96 -5.73 0.00	58.78 -3.75 0.00	53.39 -2.75 0.00	48.96 -0.85 0.00
BLUESTONE___WT_PWR 323821	49.93 2.33 0.00	45.64 2.21 0.00	43.64 2.12 0.00	43.75 2.16 0.00	44.14 2.22 0.00	46.90 2.57 0.00	62.39 4.02 0.00	70.07 4.34 0.00	63.81 3.67 0.00	57.83 3.12 0.00	55.41 2.99 0.00	51.32 2.72 0.00	49.29 2.61 0.00	48.38 2.56 0.00	47.03 2.58 0.00	49.30 2.70 0.00	52.14 2.86 0.00	59.32 3.20 0.00	67.80 3.96 0.00	88.11 5.53 0.00	86.42 5.73 0.00	66.66 4.13 0.00	59.68 3.54 0.00	53.00 3.19 0.00
BLUE_CIRC_CHEM_DRP 24182	48.60 1.00 0.00	44.47 1.04 0.00	42.57 1.04 0.00	42.67 1.08 0.00	43.05 1.13 0.00	45.48 1.15 0.00	59.65 1.28 0.00	67.04 1.31 0.00	61.28 1.14 0.00	55.59 0.88 0.00	53.31 0.89 0.00	49.33 0.73 0.00	47.42 0.75 0.00	46.45 0.64 0.00	45.08 0.62 0.00	47.25 0.65 0.00	50.12 0.84 0.00	57.30 1.18 0.00	65.24 1.40 0.00	84.48 1.90 0.00	82.22 1.53 0.00	63.78 1.25 0.00	57.27 1.12 0.00	50.76 0.95 0.00
BOC_GAS_DRP 24189	48.45 0.86 0.00	44.25 0.83 0.00	42.36 0.83 0.00	42.46 0.87 0.00	42.84 0.92 0.00	45.30 0.98 0.00	59.42 1.05 0.00	66.85 1.12 0.00	61.28 1.14 0.00	55.70 0.98 0.00	53.36 0.94 0.00	49.43 0.83 0.00	47.51 0.84 0.00	46.55 0.73 0.00	45.26 0.80 0.00	47.39 0.79 0.00	50.17 0.89 0.00	57.24 1.12 0.00	65.11 1.28 0.00	84.15 1.57 0.00	81.98 1.29 0.00	63.53 1.00 0.00	57.04 0.90 0.00	50.56 0.75 0.00
BOONVILLE_115KV_TB1 79983	47.88 0.29 0.00	43.78 0.35 0.00	41.86 0.33 0.00	41.92 0.33 0.00	42.21 0.29 0.00	44.81 0.49 0.00	60.83 0.99 -1.47	68.54 1.18 -1.63	62.48 0.84 -1.50	56.65 0.55 -1.39	54.34 0.58 -1.34	50.13 0.39 -1.14	48.36 0.47 -1.22	47.46 0.41 -1.24	46.10 0.44 -1.20	48.36 0.51 -1.25	51.24 0.64 -1.31	58.35 0.84 -1.39	66.83 1.34 -1.65	86.99 2.31 -2.09	84.91 2.18 -2.05	65.60 1.44 -1.63	58.69 1.07 -1.48	51.99 0.85 -1.33
BORALEX_4TH_BRANCH 23824	49.45 1.86 0.00	45.12 1.69 0.00	43.23 1.70 0.00	43.33 1.75 0.00	43.72 1.80 0.00	46.41 2.08 0.00	60.88 2.51 0.00	68.56 2.83 0.00	62.79 2.65 0.00	56.96 2.24 0.00	54.73 2.31 0.00	50.64 2.04 0.00	48.68 2.01 0.00	47.60 1.79 0.00	46.23 1.78 0.00	48.46 1.86 0.00	51.35 2.07 0.00	58.70 2.58 0.00	66.77 2.94 0.00	86.38 3.80 0.00	83.99 3.31 0.00	65.16 2.63 0.00	58.39 2.25 0.00	51.65 1.84 0.00
BOWLINE___1 23526	50.07 2.47 0.00	45.60 2.17 0.00	43.52 1.99 0.00	43.67 2.08 0.00	44.05 2.14 0.00	46.81 2.48 0.00	61.63 3.27 0.00	69.81 4.08 0.00	63.99 3.85 0.00	58.27 3.55 0.00	55.73 3.30 0.00	51.61 3.01 0.00	49.62 2.94 0.00	48.56 2.75 0.00	47.12 2.67 0.00	49.44 2.84 0.00	52.39 3.11 0.00	59.20 3.08 0.00	67.16 3.32 0.00	87.04 4.46 0.00	84.64 3.95 0.00	65.28 2.75 0.00	58.73 2.58 0.00	52.10 2.29 0.00
BOWLINE___2 23595	50.07 2.47 0.00	45.60 2.17 0.00	43.52 1.99 0.00	43.67 2.08 0.00	44.05 2.14 0.00	46.81 2.48 0.00	61.63 3.27 0.00	69.81 4.08 0.00	63.99 3.85 0.00	58.27 3.55 0.00	55.73 3.30 0.00	51.61 3.01 0.00	49.62 2.94 0.00	48.56 2.75 0.00	47.12 2.67 0.00	49.44 2.84 0.00	52.39 3.11 0.00	59.26 3.14 0.00	67.28 3.44 0.00	87.12 4.54 0.00	84.72 4.03 0.00	65.41 2.88 0.00	58.84 2.69 0.00	52.15 2.34 0.00
BRADY___115KV_TB2 356060	47.31 -0.29 0.00	43.17 -0.26 0.00	41.15 -0.37 0.00	41.09 -0.50 0.00	41.33 -0.59 0.00	43.48 -0.84 0.00	62.17 -0.99 -4.79	69.92 -1.12 -5.31	63.60 -1.44 -4.91	57.83 -1.42 -4.53	55.43 -1.36 -4.37	50.95 -1.36 -3.72	49.44 -1.21 -3.98	48.70 -1.15 -4.03	47.18 -1.20 -3.92	49.43 -1.26 -4.09	52.29 -1.28 -4.29	58.46 -1.35 -3.69	67.89 -1.34 -5.39	87.93 -1.49 -6.83	86.01 -1.37 -6.69	67.17 -0.69 -5.32	60.36 -0.62 -4.84	53.67 -0.50 -4.35
BRANSCOMB___SOLAR 323811	49.55 1.95 0.00	45.29 1.87 0.00	43.35 1.83 0.00	43.50 1.91 0.00	43.80 1.89 0.00	46.50 2.17 0.00	61.17 2.80 0.00	68.95 3.22 0.00	63.03 2.89 0.00	57.01 2.30 0.00	54.67 2.25 0.00	50.59 1.99 0.00	48.59 1.91 0.00	47.55 1.74 0.00	46.10 1.65 0.00	48.41 1.82 0.00	51.45 2.17 0.00	58.87 2.75 0.00	67.16 3.32 0.00	87.12 4.54 0.00	84.48 3.79 0.00	65.47 2.94 0.00	58.56 2.41 0.00	51.90 2.09 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	51.75 4.14 -0.01	46.86 3.43 0.00	44.48 2.95 0.00	44.29 2.70 0.00	44.64 2.72 0.00	47.96 3.63 0.00	61.87 3.50 0.00	69.87 4.14 0.00	63.93 3.79 0.00	58.05 3.34 0.00	55.36 2.94 0.00	51.66 3.06 0.00	49.24 2.57 0.00	47.65 1.83 0.00	46.72 2.27 0.00	49.39 2.80 0.00	52.49 3.20 0.00	59.32 3.20 0.00	67.16 3.32 0.00	87.70 5.12 0.00	84.64 3.95 0.00	65.85 3.31 0.00	59.12 2.98 0.00	52.60 2.79 0.00

BRISTLHL_115KV_TB1 79998	46.79 -0.81 0.00	42.69 -0.74 0.00	40.86 -0.66 0.00	40.96 -0.62 0.00	41.29 -0.63 0.00	43.79 -0.53 0.00	57.84 -0.53 0.00	65.20 -0.53 0.00	59.66 -0.48 0.00	54.33 -0.38 0.00	52.00 -0.42 0.00	48.31 -0.29 0.00	46.30 -0.37 0.00	45.54 -0.27 0.00	44.14 -0.31 0.00	46.32 -0.28 0.00	48.94 -0.34 0.00	55.73 -0.39 0.00	63.39 -0.45 0.00	82.00 -0.58 0.00	80.28 -0.40 0.00	62.10 -0.44 0.00	55.64 -0.51 0.00	49.31 -0.50 0.00
BROOKHAVEN___DRP 24191	51.46 3.86 -0.01	46.43 3.00 0.00	44.06 2.53 0.00	43.67 2.08 0.00	43.97 2.05 0.00	47.43 3.10 0.00	60.94 2.57 0.00	68.82 3.09 0.00	63.09 2.95 0.00	57.40 2.68 0.00	54.78 2.36 0.00	50.79 2.19 0.00	48.35 1.68 0.00	46.59 0.78 0.00	45.83 1.38 0.00	48.37 1.77 0.00	51.45 2.17 0.00	58.31 2.19 0.00	66.14 2.30 0.00	86.46 3.88 0.00	83.35 2.66 0.00	64.85 2.31 0.00	58.11 1.97 0.00	51.70 1.89 0.00
BROOKLYN_NAVY_YARD 23515	50.74 3.14 0.00	46.03 2.61 0.00	43.93 2.41 0.00	44.17 2.58 0.00	44.43 2.51 0.00	47.38 3.06 0.00	62.45 4.08 0.00	70.79 5.06 0.00	65.01 4.87 0.00	59.26 4.54 0.00	56.56 4.14 0.00	52.53 3.93 0.00	50.41 3.74 0.00	49.25 3.44 0.00	47.88 3.42 0.00	50.28 3.68 0.00	53.32 4.04 0.00	60.38 4.26 0.00	68.63 4.79 0.00	88.94 6.36 0.00	86.42 5.73 0.00	66.54 4.01 0.00	59.85 3.70 0.00	53.00 3.19 0.00
BROOKLYN___ARMY_DRP 323595	57.25 3.76 -5.89	56.51 3.26 -9.83	56.59 3.07 -11.98	55.69 2.99 -11.11	55.74 3.14 -10.68	56.52 3.63 -8.56	63.05 4.67 -0.01	71.59 5.85 -0.01	101.80 5.59 -36.07	97.82 5.14 -37.96	97.81 4.77 -40.62	97.73 4.37 -44.75	97.77 4.25 -46.84	97.76 3.99 -47.96	97.90 4.00 -49.44	97.81 4.15 -47.07	97.82 4.53 -44.01	98.05 4.83 -37.11	98.13 5.49 -28.80	98.16 7.18 -8.40	98.06 6.62 -10.76	97.82 4.63 -30.66	97.83 4.38 -37.30	86.49 3.79 -32.90
BROOKVLE_69_KV_TB1 55790	51.32 3.71 -0.01	46.60 3.17 0.00	44.39 2.87 0.00	44.33 2.74 0.00	44.77 2.85 0.00	47.87 3.55 0.00	62.51 4.14 0.00	70.79 5.06 0.00	64.83 4.69 0.00	59.04 4.32 0.00	56.30 3.88 0.00	52.39 3.79 0.00	50.27 3.59 0.00	48.97 3.16 0.00	47.74 3.29 0.00	50.19 3.59 0.00	53.27 3.99 0.00	60.21 4.10 0.00	68.50 4.66 0.00	88.94 6.36 0.00	86.25 5.57 0.00	66.79 4.25 0.00	59.91 3.76 0.00	53.20 3.39 0.00
BROOME_2_LFGE 323671	47.84 0.24 0.00	43.60 0.17 0.00	41.78 0.25 0.00	41.84 0.25 0.00	42.29 0.38 0.00	44.77 0.44 0.00	59.25 0.88 0.00	66.45 0.72 0.00	60.80 0.66 0.00	55.38 0.66 0.00	52.95 0.52 0.00	49.18 0.59 0.00	47.09 0.42 0.00	46.32 0.50 0.00	44.99 0.54 0.00	47.11 0.51 0.00	49.72 0.44 0.00	56.46 0.34 0.00	64.16 0.32 0.00	82.75 0.17 0.00	81.41 0.72 0.00	63.10 0.56 0.00	56.65 0.50 0.00	50.46 0.65 0.00
BROOME___LFGE 323600	47.84 0.24 0.00	43.60 0.17 0.00	41.78 0.25 0.00	41.84 0.25 0.00	42.29 0.38 0.00	44.77 0.44 0.00	59.25 0.88 0.00	66.45 0.72 0.00	60.80 0.66 0.00	55.38 0.66 0.00	52.95 0.52 0.00	49.18 0.59 0.00	47.09 0.42 0.00	46.32 0.50 0.00	44.99 0.54 0.00	47.11 0.51 0.00	49.72 0.44 0.00	56.46 0.34 0.00	64.16 0.32 0.00	82.75 0.17 0.00	81.41 0.72 0.00	63.10 0.56 0.00	56.65 0.50 0.00	50.46 0.65 0.00
BROWNFLS_115KV_TB_3_5 80003	45.88 -1.71 0.00	41.91 -1.52 0.00	39.99 -1.54 0.00	40.01 -1.58 0.00	40.24 -1.68 0.00	42.55 -1.77 0.00	63.04 -2.04 -6.71	71.00 -2.17 -7.44	64.61 -2.41 -6.88	58.66 -2.41 -6.35	56.24 -2.31 -6.13	51.47 -2.33 -5.21	50.10 -2.15 -5.57	49.36 -2.11 -5.65	47.91 -2.04 -5.50	50.23 -2.10 -5.73	53.17 -2.12 -6.00	59.95 -2.19 -6.02	69.28 -2.11 -7.55	90.09 -2.06 -9.57	87.97 -2.10 -9.38	68.43 -1.56 -7.46	61.24 -1.68 -6.78	54.32 -1.59 -6.10
BROWNSV1_27_KV_LOAD 356125	51.12 3.52 0.00	46.43 3.00 0.00	44.39 2.87 0.00	44.37 2.79 0.00	44.81 2.89 0.00	47.78 3.46 0.00	63.04 4.67 0.00	71.45 5.72 0.00	65.67 5.53 0.00	59.81 5.09 0.00	57.19 4.77 0.00	52.97 4.37 0.00	50.92 4.25 0.00	49.75 3.94 0.00	48.41 3.96 0.00	50.70 4.10 0.00	53.77 4.48 0.00	60.94 4.83 0.00	69.26 5.43 0.00	89.68 7.10 0.00	87.14 6.45 0.00	67.22 4.69 0.00	60.41 4.27 0.00	53.50 3.69 0.00
BURROWS___LYONSDAL 23803	47.55 -0.05 0.00	43.43 0.00 0.00	41.53 0.00 0.00	41.63 0.04 0.00	41.92 0.00 0.00	44.50 0.18 0.00	60.87 0.58 -1.92	68.58 0.72 -2.12	62.46 0.36 -1.96	56.64 0.11 -1.81	54.27 0.10 -1.75	49.99 -0.10 -1.49	48.27 0.00 -1.59	47.38 -0.05 -1.61	46.07 0.04 -1.57	48.33 0.09 -1.63	51.24 0.25 -1.71	58.29 0.39 -1.78	66.89 0.89 -2.16	87.13 1.82 -2.73	85.06 1.69 -2.68	65.73 1.06 -2.13	58.75 0.67 -1.93	52.05 0.50 -1.74
CAITHNESS_CC_1 323624	51.65 4.04 -0.01	46.38 2.95 0.00	43.56 2.03 0.00	44.21 2.62 0.00	44.01 2.09 0.00	47.43 3.10 0.00	60.88 2.51 0.00	68.82 3.09 0.00	63.09 2.95 0.00	57.40 2.68 0.00	54.78 2.36 0.00	50.93 2.33 0.00	48.26 1.59 0.00	46.82 1.01 0.00	45.70 1.24 0.00	48.46 1.87 0.00	51.55 2.27 0.00	58.37 2.25 0.00	66.46 2.62 0.00	86.54 3.96 0.00	83.43 2.74 0.00	64.78 2.25 0.00	58.28 2.13 0.00	51.75 1.94 0.00
CALPINE BETH_PAGE_GT4 24209	51.42 3.81 -0.01	46.69 3.26 0.00	44.39 2.87 0.00	44.25 2.66 0.00	44.64 2.72 0.00	47.92 3.59 0.00	61.93 3.56 0.00	70.00 4.27 0.00	64.11 3.97 0.00	58.27 3.56 0.00	55.57 3.15 0.00	51.76 3.16 0.00	49.80 3.13 0.00	48.38 2.57 0.00	47.26 2.80 0.00	49.77 3.17 0.00	52.88 3.60 0.00	59.54 3.42 0.00	67.67 3.83 0.00	88.11 5.53 0.00	85.29 4.60 0.00	66.22 3.69 0.00	59.34 3.20 0.00	52.90 3.09 0.00
CALPINE_BETH_PAGE_GT_4 323586	51.51 3.90 -0.01	46.69 3.26 0.00	44.15 2.62 0.00	44.54 2.95 0.00	44.64 2.72 0.00	47.91 3.59 0.00	61.87 3.50 0.00	70.07 4.34 0.00	64.11 3.97 0.00	58.33 3.61 0.00	55.57 3.15 0.00	51.86 3.26 0.00	49.66 2.99 0.00	48.42 2.61 0.00	47.08 2.62 0.00	49.77 3.17 0.00	52.88 3.60 0.00	59.54 3.42 0.00	67.80 3.96 0.00	88.20 5.62 0.00	85.28 4.60 0.00	66.16 3.63 0.00	59.40 3.26 0.00	52.90 3.09 0.00
CALPINE_BP_GT1 23823	51.51 3.90 -0.01	46.69 3.26 0.00	44.15 2.62 0.00	44.54 2.95 0.00	44.64 2.72 0.00	47.91 3.59 0.00	61.87 3.50 0.00	70.07 4.34 0.00	64.11 3.97 0.00	58.33 3.61 0.00	55.57 3.15 0.00	51.86 3.26 0.00	49.66 2.99 0.00	48.42 2.61 0.00	47.08 2.62 0.00	49.77 3.17 0.00	52.88 3.60 0.00	59.54 3.42 0.00	67.80 3.96 0.00	88.20 5.62 0.00	85.28 4.60 0.00	66.16 3.63 0.00	59.40 3.26 0.00	52.90 3.09 0.00
CALSPAN___DRP 24200	45.98 -1.62 0.00	41.69 -1.74 0.00	40.28 -1.25 0.00	40.30 -1.29 0.00	40.41 -1.51 0.00	42.91 -1.42 0.00	56.91 -1.46 0.00	62.90 -2.83 0.00	52.14 -2.53 5.47	49.64 -1.86 3.21	49.27 -2.15 1.00	47.43 -1.17 0.00	44.71 -1.96 0.00	44.44 -1.37 0.00	42.99 -1.47 0.00	45.34 -1.26 0.00	47.26 -2.02 0.00	51.92 -3.09 1.11	56.27 -3.89 3.67	69.88 -6.28 6.43	77.06 -3.63 0.00	59.97 -2.56 0.00	54.29 -1.85 0.00	49.36 -0.45 0.00

CALVERTON___SOLAR 323806	51.89 4.29 -0.01	46.42 2.99 0.00	43.56 2.03 0.00	44.25 2.66 0.00	44.01 2.09 0.00	47.47 3.15 0.00	60.88 2.51 0.00	68.88 3.15 0.00	63.15 3.01 0.00	57.45 2.73 0.00	54.83 2.41 0.00	50.84 2.24 0.00	48.07 1.40 0.00	46.54 0.73 0.00	45.52 1.07 0.00	48.27 1.68 0.00	51.40 2.12 0.00	58.25 2.13 0.00	66.39 2.56 0.00	86.46 3.88 0.00	83.34 2.66 0.00	64.72 2.19 0.00	58.16 2.02 0.00	51.70 1.89 0.00
CANDIGU_WT_PWR 323617	45.98 -1.62 0.00	41.82 -1.61 0.00	40.12 -1.41 0.00	40.22 -1.37 0.00	40.79 -1.13 0.00	43.13 -1.19 0.00	57.14 -1.23 0.00	63.69 -2.04 0.00	-6.00 -2.16 63.98	15.08 -1.97 37.67	38.56 -2.10 11.76	47.09 -1.51 0.00	44.72 -1.96 0.00	44.17 -1.65 0.00	42.94 -1.51 0.00	44.92 -1.68 0.00	47.21 -2.07 0.00	40.42 -2.69 13.01	17.99 -2.94 42.91	3.23 -4.21 75.14	78.27 -2.42 0.00	61.10 -1.44 0.00	54.91 -1.24 0.00	49.46 -0.35 0.00
CARR STREET_E_SYR 24060	47.27 -0.33 0.00	43.13 -0.30 0.00	41.28 -0.25 0.00	41.38 -0.21 0.00	41.75 -0.17 0.00	44.24 -0.09 0.00	58.49 0.12 0.00	65.93 0.20 0.00	60.32 0.18 0.00	54.99 0.27 0.00	52.63 0.21 0.00	48.84 0.24 0.00	46.91 0.23 0.00	46.04 0.23 0.00	44.72 0.27 0.00	46.83 0.23 0.00	49.48 0.20 0.00	56.29 0.17 0.00	64.03 0.19 0.00	82.66 0.08 0.00	81.01 0.32 0.00	62.72 0.19 0.00	56.20 0.06 0.00	49.86 0.05 0.00
CARTHAGE___PAPER 23857	46.60 -1.00 0.00	42.60 -0.83 0.00	40.74 -0.79 0.00	40.80 -0.79 0.00	41.03 -0.88 0.00	43.66 -0.66 0.00	61.08 -0.35 -3.06	68.80 -0.33 -3.39	62.38 -0.90 -3.14	56.36 -1.26 -2.90	53.91 -1.31 -2.79	49.47 -1.51 -2.37	47.82 -1.40 -2.54	47.02 -1.37 -2.58	45.76 -1.20 -2.51	48.05 -1.16 -2.61	51.04 -0.99 -2.74	58.10 -0.79 -2.77	67.16 -0.13 -3.45	87.94 0.99 -4.37	85.94 0.97 -4.28	66.31 0.38 -3.40	59.12 -0.11 -3.09	52.25 -0.35 -2.78
CASSADAGA_WT_PWR 323784	45.03 -2.57 0.00	40.82 -2.60 0.00	39.28 -2.24 0.00	39.59 -2.00 0.00	40.03 -1.89 0.00	42.07 -2.26 0.00	56.50 -1.87 0.00	62.64 -3.09 0.00	54.35 -2.95 2.85	50.53 -2.52 1.67	49.12 -2.78 0.52	46.56 -2.04 0.00	44.06 -2.61 0.00	43.62 -2.20 0.00	42.37 -2.09 0.00	44.41 -2.19 0.00	46.37 -2.91 0.00	51.61 -3.93 0.58	57.46 -4.47 1.91	72.71 -6.53 3.35	77.37 -3.31 0.00	60.97 -1.56 0.00	55.24 -0.90 0.00	50.46 0.65 0.00
CE_DUNWOOD___DRP 24194	50.41 2.81 0.00	45.90 2.48 0.00	43.85 2.33 0.00	43.87 2.29 0.00	44.31 2.39 0.00	47.16 2.84 0.00	62.05 3.68 0.00	70.27 4.54 0.00	64.47 4.33 0.00	58.71 3.99 0.00	56.20 3.77 0.00	52.00 3.40 0.00	50.03 3.36 0.00	48.93 3.12 0.00	47.57 3.11 0.00	49.81 3.22 0.00	52.83 3.55 0.00	59.88 3.76 0.00	67.99 4.15 0.00	88.03 5.45 0.00	85.61 4.92 0.00	66.10 3.56 0.00	59.40 3.26 0.00	52.65 2.84 0.00
CE_MILLWOOD___DRP 24193	50.26 2.67 0.00	45.77 2.35 0.00	43.73 2.20 0.00	43.75 2.16 0.00	44.22 2.31 0.00	46.98 2.66 0.00	61.81 3.44 0.00	70.07 4.34 0.00	64.23 4.09 0.00	58.49 3.78 0.00	55.99 3.56 0.00	51.81 3.21 0.00	49.85 3.17 0.00	48.75 2.93 0.00	47.43 2.98 0.00	49.63 3.03 0.00	52.63 3.35 0.00	59.60 3.48 0.00	67.73 3.89 0.00	87.70 5.12 0.00	85.29 4.60 0.00	65.85 3.31 0.00	59.18 3.03 0.00	52.40 2.59 0.00
CE_NYC2_DRP 24202	50.99 3.38 -0.01	46.35 2.91 -0.01	44.32 2.78 -0.01	44.30 2.70 -0.01	44.77 2.85 -0.01	47.97 3.32 -0.32	62.63 4.26 0.00	71.12 5.39 0.00	70.43 5.17 -5.12	64.92 4.82 -5.38	62.69 4.51 -5.76	61.21 4.13 -8.48	61.26 4.01 -10.57	60.14 3.76 -10.57	60.19 3.73 -12.00	59.03 3.91 -8.52	61.26 4.24 -7.74	65.87 4.49 -5.26	72.96 5.04 -4.08	89.19 6.61 0.00	86.66 5.97 0.00	66.72 4.19 0.00	60.13 3.99 0.00	57.96 3.49 -4.66
CE_NYC_DRP 24195	50.79 3.19 0.00	46.16 2.74 0.00	44.10 2.57 0.00	44.12 2.54 0.00	44.56 2.64 0.00	47.47 3.15 0.00	62.57 4.20 0.00	70.92 5.19 0.00	65.13 4.99 0.00	59.37 4.65 0.00	56.77 4.35 0.00	52.58 3.99 0.00	50.55 3.87 0.00	49.43 3.62 0.00	48.10 3.65 0.00	50.37 3.77 0.00	53.37 4.09 0.00	60.50 4.38 0.00	68.69 4.85 0.00	88.94 6.36 0.00	86.41 5.73 0.00	66.66 4.13 0.00	59.91 3.76 0.00	53.10 3.29 0.00
CHAFFEE___LFGE 323603	46.07 -1.53 0.00	41.91 -1.52 0.00	40.20 -1.33 0.00	40.34 -1.25 0.00	41.03 -0.88 0.00	43.26 -1.06 0.00	57.67 -0.70 0.00	63.76 -1.97 0.00	58.16 -1.98 0.00	53.02 -1.70 0.00	50.43 -1.99 0.00	47.24 -1.36 0.00	44.76 -1.92 0.00	44.35 -1.47 0.00	43.08 -1.38 0.00	44.87 -1.72 0.00	46.97 -2.32 0.00	52.81 -3.31 0.00	59.82 -4.02 0.00	76.30 -6.28 0.00	76.81 -3.87 0.00	59.85 -2.69 0.00	54.18 -1.97 0.00	49.36 -0.45 0.00
CHATEAUG_35_KV_LOAD 355732	47.22 -0.38 0.00	42.86 -0.56 0.00	40.78 -0.75 0.00	40.38 -1.21 0.00	40.20 -1.72 0.00	41.93 -2.39 0.00	-10.00 -3.33 65.04	-10.00 -3.62 72.11	-10.00 -3.49 66.65	-10.00 -3.17 61.54	-10.00 -3.04 59.38	-4.72 -2.87 50.45	-10.00 -2.66 54.02	-11.54 -2.57 54.79	-11.42 -2.58 53.30	-11.65 -2.75 55.50	-11.83 -2.91 58.20	-12.35 -3.31 65.16	-13.08 -3.70 73.21	-14.70 -4.54 92.74	-14.54 -4.36 90.87	-13.00 -3.25 72.28	-12.39 -2.86 65.68	-11.85 -2.54 59.13
CHATEAUG_WT_PWR 323614	47.27 -0.33 0.00	42.91 -0.52 0.00	40.82 -0.71 0.00	40.47 -1.12 0.00	40.28 -1.64 0.00	42.07 -2.26 0.00	-4.60 -3.21 59.76	-4.01 -3.49 66.26	-4.46 -3.37 61.24	-4.89 -3.06 56.54	-5.07 -2.93 54.56	-0.48 -2.72 46.35	-5.47 -2.52 49.63	-7.05 -2.52 50.34	-7.04 -2.53 48.97	-7.10 -2.70 50.99	-7.05 -2.86 53.48	-7.11 -3.26 59.98	-7.06 -3.64 67.26	-7.08 -4.46 85.20	-7.00 -4.20 83.49	-7.06 -3.19 66.41	-7.00 -2.81 60.34	-6.95 -2.44 54.32
CHAT_HIGH_FALL_HYD 323578	47.22 -0.38 0.00	42.86 -0.56 0.00	40.78 -0.75 0.00	40.38 -1.21 0.00	40.20 -1.72 0.00	41.93 -2.39 0.00	-10.00 -3.33 65.04	-10.00 -3.62 72.11	-10.00 -3.49 66.65	-10.00 -3.17 61.54	-10.00 -3.04 59.38	-4.72 -2.87 50.45	-10.00 -2.66 54.02	-11.54 -2.57 54.79	-11.42 -2.58 53.30	-11.65 -2.75 55.50	-11.83 -2.91 58.20	-12.35 -3.31 65.16	-13.08 -3.70 73.21	-14.70 -4.54 92.74	-14.54 -4.36 90.87	-13.00 -3.25 72.28	-12.39 -2.86 65.68	-11.85 -2.54 59.13
CHAUTAUQUA___LFGE 323629	45.93 -1.67 0.00	41.69 -1.74 0.00	40.07 -1.45 0.00	40.30 -1.29 0.00	40.91 -1.01 0.00	42.95 -1.37 0.00	57.55 -0.82 0.00	63.76 -1.97 0.00	54.26 -1.86 4.01	50.89 -1.47 2.36	49.90 -1.78 0.74	47.53 -1.07 0.00	44.95 -1.73 0.00	44.53 -1.28 0.00	43.30 -1.16 0.00	45.39 -1.21 0.00	47.41 -1.87 0.00	52.50 -2.80 0.82	57.82 -3.32 2.69	72.50 -5.37 4.71	78.27 -2.42 0.00	61.34 -1.19 0.00	55.36 -0.79 0.00	50.36 0.55 0.00
CHERRYST_13_KV_LD 356241	50.93 3.33 0.00	46.25 2.82 0.00	44.19 2.66 0.00	44.21 2.62 0.00	44.68 2.77 0.00	47.61 3.28 0.00	62.80 4.44 0.00	71.19 5.46 0.00	65.37 5.23 0.00	59.59 4.87 0.00	56.98 4.56 0.00	52.78 4.18 0.00	50.74 4.06 0.00	49.57 3.76 0.00	48.23 3.78 0.00	50.51 3.91 0.00	53.57 4.29 0.00	60.66 4.55 0.00	68.94 5.11 0.00	89.19 6.61 0.00	86.66 5.97 0.00	66.85 4.31 0.00	60.07 3.93 0.00	53.25 3.44 0.00

CHESTROR_138KV_BK263 355645	49.64 2.05 0.00	45.30 1.87 0.00	43.27 1.74 0.00	43.33 1.75 0.00	43.76 1.84 0.00	46.45 2.13 0.00	61.11 2.74 0.00	69.08 3.35 0.00	63.33 3.19 0.00	57.62 2.90 0.00	55.15 2.73 0.00	50.98 2.38 0.00	49.05 2.38 0.00	48.06 2.24 0.00	46.72 2.27 0.00	48.93 2.33 0.00	51.84 2.56 0.00	58.81 2.69 0.00	66.84 3.00 0.00	86.55 3.96 0.00	84.24 3.55 0.00	65.10 2.56 0.00	58.50 2.36 0.00	51.85 2.04 0.00
CH_MIDHUDSON___DRP 24192	50.07 2.48 0.00	45.69 2.26 0.00	43.65 2.12 0.00	43.71 2.12 0.00	44.10 2.18 0.00	46.85 2.53 0.00	61.58 3.21 0.00	69.67 3.94 0.00	63.87 3.73 0.00	58.11 3.39 0.00	55.57 3.15 0.00	51.37 2.77 0.00	49.43 2.75 0.00	48.38 2.57 0.00	47.08 2.62 0.00	49.30 2.70 0.00	52.29 3.01 0.00	59.32 3.20 0.00	67.48 3.64 0.00	87.45 4.87 0.00	85.12 4.44 0.00	65.72 3.19 0.00	59.06 2.92 0.00	52.30 2.49 0.00
CH_MISC_IPPS 23765	50.31 2.71 0.00	45.86 2.43 0.00	43.77 2.24 0.00	43.96 2.37 0.00	44.26 2.35 0.00	47.03 2.70 0.00	61.87 3.50 0.00	69.94 4.21 0.00	64.11 3.97 0.00	58.33 3.61 0.00	55.73 3.30 0.00	51.42 2.82 0.00	49.47 2.80 0.00	48.47 2.66 0.00	47.03 2.58 0.00	49.30 2.70 0.00	52.29 3.01 0.00	59.54 3.42 0.00	67.80 3.96 0.00	87.95 5.36 0.00	85.61 4.92 0.00	65.97 3.44 0.00	59.34 3.20 0.00	52.60 2.79 0.00
CH_RES_BVR_FALLS 23983	46.65 -0.95 0.00	42.43 -1.00 0.00	40.45 -1.08 0.00	40.42 -1.16 0.00	40.66 -1.26 0.00	42.91 -1.42 0.00	56.44 -1.92 0.00	63.62 -2.11 0.00	58.16 -1.98 0.00	52.91 -1.80 0.00	50.69 -1.73 0.00	47.00 -1.60 0.00	45.23 -1.45 0.00	44.35 -1.47 0.00	42.99 -1.47 0.00	45.06 -1.54 0.00	47.66 -1.63 0.00	52.57 -1.80 1.75	61.92 -1.91 0.00	80.27 -2.31 0.00	78.51 -2.17 0.00	61.03 -1.50 0.00	54.86 -1.29 0.00	48.71 -1.10 0.00
CH_RES_NIAGARA 23895	44.69 -2.90 0.00	40.52 -2.91 0.00	39.33 -2.20 0.00	39.26 -2.33 0.00	39.28 -2.64 0.00	41.71 -2.62 0.00	55.16 -3.21 0.00	60.93 -4.80 0.00	48.88 -4.33 6.93	47.30 -3.34 4.08	47.64 -3.51 1.27	46.22 -2.38 0.00	43.55 -3.13 0.00	43.29 -2.52 0.00	41.92 -2.53 0.00	44.22 -2.38 0.00	45.98 -3.30 0.00	50.05 -4.66 1.41	53.45 -5.75 4.65	65.78 -8.67 8.13	74.72 -5.97 0.00	58.34 -4.19 0.00	52.83 -3.31 0.00	47.97 -1.84 0.00
CH_RES_SYRACUSE 23985	47.55 -0.05 0.00	43.39 -0.04 0.00	41.49 -0.04 0.00	41.59 0.00 0.00	42.00 0.08 0.00	44.50 0.18 0.00	58.83 0.46 0.00	66.32 0.59 0.00	60.68 0.54 0.00	55.26 0.55 0.00	52.95 0.52 0.00	49.13 0.54 0.00	47.09 0.42 0.00	46.32 0.50 0.00	44.94 0.49 0.00	47.11 0.51 0.00	49.72 0.44 0.00	56.62 0.50 0.00	64.41 0.57 0.00	83.24 0.66 0.00	81.58 0.89 0.00	63.10 0.56 0.00	56.54 0.40 0.00	50.11 0.30 0.00
CLINTON_WT_PWR 323605	47.27 -0.33 0.00	42.91 -0.52 0.00	40.82 -0.71 0.00	40.47 -1.12 0.00	40.28 -1.64 0.00	42.07 -2.26 0.00	-4.60 -3.21 59.76	-4.01 -3.49 66.26	-4.46 -3.37 61.24	-4.89 -3.06 56.54	-5.07 -2.93 54.56	-0.48 -2.72 46.35	-5.47 -2.52 49.63	-7.05 -2.52 50.34	-7.04 -2.53 48.97	-7.10 -2.70 50.99	-7.05 -2.86 53.48	-7.11 -3.26 59.98	-7.06 -3.64 67.26	-7.08 -4.46 85.20	-7.00 -4.20 83.49	-7.06 -3.19 66.41	-7.00 -2.81 60.34	-6.95 -2.44 54.32
CLINTON___LFGE 323618	47.89 0.29 0.00	43.47 0.04 0.00	41.32 -0.21 0.00	40.96 -0.62 0.00	40.83 -1.09 0.00	42.60 -1.73 0.00	-3.84 -2.45 59.76	-3.09 -2.56 66.26	-3.68 -2.58 61.24	-4.12 -2.30 56.54	-4.39 -2.25 54.56	0.01 -2.23 46.35	-4.87 -1.92 49.63	-6.41 -1.88 50.34	-6.51 -2.00 48.97	-6.53 -2.14 50.99	-6.46 -2.27 53.48	-6.38 -2.52 59.98	-6.30 -2.87 67.26	-5.76 -3.14 85.20	-5.63 -2.83 83.49	-6.12 -2.25 66.41	-6.27 -2.08 60.34	-6.30 -1.79 54.32
COBBLENY_34_KV_TB1 80064	46.12 -1.48 0.00	41.87 -1.56 0.00	40.32 -1.20 0.00	40.34 -1.25 0.00	40.66 -1.26 0.00	43.26 -1.06 0.00	57.55 -0.82 0.00	63.76 -1.97 0.00	58.15 -1.98 0.00	53.02 -1.70 0.00	50.43 -1.99 0.00	47.34 -1.26 0.00	44.76 -1.91 0.00	44.30 -1.51 0.00	42.90 -1.56 0.00	44.87 -1.72 0.00	46.97 -2.32 0.00	52.81 -3.31 0.00	59.75 -4.09 0.00	76.31 -6.28 0.00	76.81 -3.87 0.00	59.60 -2.94 0.00	54.18 -1.97 0.00	49.36 -0.45 0.00
COFFEEN___115KV_TB3 355620	47.17 -0.43 0.00	43.08 -0.35 0.00	41.24 -0.29 0.00	41.34 -0.25 0.00	41.58 -0.34 0.00	44.28 -0.04 0.00	61.56 0.64 -2.55	69.21 0.66 -2.82	62.69 -0.06 -2.61	56.52 -0.60 -2.41	54.06 -0.68 -2.32	49.60 -0.97 -1.97	47.90 -0.89 -2.11	47.09 -0.87 -2.14	45.87 -0.67 -2.09	48.21 -0.56 -2.17	51.22 -0.34 -2.28	58.42 0.00 -2.31	67.60 0.89 -2.87	88.85 2.64 -3.63	86.83 2.58 -3.56	66.93 1.56 -2.83	59.56 0.84 -2.57	52.57 0.45 -2.31
COLDSPRG_115KV_BK1 355956	46.55 -1.05 0.00	42.21 -1.22 0.00	40.74 -0.79 0.00	40.80 -0.79 0.00	40.95 -0.96 0.00	43.53 -0.80 0.00	58.31 -0.06 0.00	64.68 -1.05 0.00	59.00 -1.14 0.00	53.79 -0.93 0.00	51.16 -1.26 0.00	48.06 -0.53 0.00	45.41 -1.26 0.00	44.99 -0.82 0.00	43.43 -1.02 0.00	45.62 -0.98 0.00	47.66 -1.63 0.00	53.65 -2.47 0.00	60.84 -3.00 0.00	77.71 -4.87 0.00	78.67 -2.02 0.00	61.16 -1.38 0.00	55.69 -0.45 0.00	50.81 1.00 0.00
COLONIE_LFGE___ 323577	49.02 1.43 0.00	44.82 1.39 0.00	42.86 1.33 0.00	43.00 1.41 0.00	43.34 1.43 0.00	45.97 1.64 0.00	60.35 1.99 0.00	67.97 2.24 0.00	62.24 2.10 0.00	56.47 1.75 0.00	54.20 1.78 0.00	50.15 1.55 0.00	48.21 1.54 0.00	47.19 1.37 0.00	45.79 1.33 0.00	48.04 1.45 0.00	50.91 1.62 0.00	58.20 2.08 0.00	66.26 2.43 0.00	85.72 3.14 0.00	83.34 2.66 0.00	64.59 2.06 0.00	57.89 1.74 0.00	51.26 1.45 0.00
COOPERNY_115KV_TB1 80082	49.07 1.48 0.00	44.82 1.39 0.00	42.81 1.29 0.00	42.88 1.29 0.00	43.30 1.38 0.00	45.88 1.55 0.00	60.41 2.04 0.00	68.23 2.50 0.00	62.48 2.35 0.00	56.85 2.13 0.00	54.41 1.99 0.00	50.40 1.80 0.00	48.45 1.77 0.00	47.46 1.65 0.00	46.14 1.69 0.00	48.32 1.72 0.00	51.20 1.92 0.00	58.08 1.96 0.00	66.01 2.17 0.00	85.39 2.81 0.00	83.27 2.58 0.00	64.41 1.88 0.00	57.88 1.74 0.00	51.31 1.49 0.00
COPENHAGEN_WT_PWR 323753	46.89 -0.71 0.00	42.86 -0.57 0.00	40.99 -0.54 0.00	41.09 -0.50 0.00	41.37 -0.55 0.00	43.97 -0.36 0.00	60.89 0.12 -2.41	68.53 0.13 -2.67	62.19 -0.42 -2.47	56.18 -0.82 -2.28	53.78 -0.84 -2.20	49.40 -1.07 -1.87	47.69 -0.98 -2.00	46.88 -0.96 -2.03	45.67 -0.76 -1.97	47.95 -0.70 -2.05	50.85 -0.59 -2.16	57.97 -0.33 -2.18	66.93 0.39 -2.71	87.67 1.65 -3.43	85.75 1.70 -3.37	66.09 0.88 -2.68	58.92 0.34 -2.43	52.05 0.05 -2.19
CORNELL_____ 23752	48.50 0.90 0.00	44.25 0.83 0.00	42.32 0.79 0.00	42.46 0.87 0.00	42.80 0.88 0.00	45.48 1.15 0.00	60.24 1.87 0.00	67.83 2.10 0.00	64.79 1.74 -2.91	57.91 1.48 -1.71	54.21 1.26 -0.53	49.81 1.21 0.00	47.70 1.03 0.00	46.87 1.05 0.00	45.48 1.02 0.00	47.72 1.12 0.00	50.47 1.18 0.00	58.17 1.46 -0.59	67.64 1.85 -1.95	88.39 2.39 -3.42	83.43 2.74 0.00	64.47 1.94 0.00	57.72 1.57 0.00	51.26 1.44 0.00

CORONA__69_KV_TB1 355595	51.33 3.71 -0.02	46.60 3.17 0.00	44.35 2.82 0.00	44.25 2.66 0.00	44.64 2.72 0.00	47.83 3.50 0.00	62.22 3.85 0.00	70.40 4.67 0.00	64.41 4.27 0.00	58.60 3.88 0.00	55.88 3.46 0.00	52.05 3.45 0.00	49.89 3.22 0.00	48.52 2.70 0.00	47.39 2.93 0.00	49.86 3.26 0.00	52.93 3.65 0.00	59.82 3.70 0.00	67.99 4.15 0.00	88.53 5.95 0.00	85.69 5.00 0.00	66.47 3.94 0.00	59.68 3.54 0.00	53.00 3.19 0.00
CORTLAND__115KV_TB3 80093	48.12 0.52 0.00	43.91 0.48 0.00	42.03 0.50 0.00	42.13 0.54 0.00	42.46 0.54 0.00	45.08 0.75 0.00	59.65 1.28 0.00	67.18 1.45 0.00	61.34 1.20 0.00	55.76 1.04 0.00	53.36 0.94 0.00	49.52 0.92 0.00	47.42 0.75 0.00	46.59 0.78 0.00	45.21 0.76 0.00	47.44 0.84 0.00	50.12 0.84 0.00	57.13 1.01 0.00	65.05 1.21 0.00	84.15 1.57 0.00	82.54 1.86 0.00	63.85 1.31 0.00	57.21 1.07 0.00	50.81 1.00 0.00
COXSACKIE__GT 23611	49.74 2.14 0.00	45.64 2.21 0.00	43.60 2.08 0.00	43.71 2.12 0.00	44.05 2.14 0.00	46.72 2.39 0.00	61.29 2.92 0.00	68.76 3.03 0.00	62.55 2.41 0.00	56.36 1.64 0.00	53.68 1.26 0.00	49.42 0.83 0.00	47.66 0.98 0.00	46.73 0.92 0.00	45.39 0.94 0.00	47.58 0.98 0.00	50.66 1.38 0.00	58.53 2.41 0.00	66.97 3.13 0.00	87.29 4.70 0.00	84.96 4.27 0.00	65.66 3.13 0.00	58.84 2.69 0.00	52.25 2.44 0.00
CPV_VALLEY__CC1 323721	49.31 1.71 0.00	44.99 1.56 0.00	42.98 1.45 0.00	43.08 1.49 0.00	43.47 1.55 0.00	46.10 1.77 0.00	60.64 2.27 0.00	68.55 2.82 0.00	62.85 2.71 0.00	57.18 2.46 0.00	54.73 2.30 0.00	50.69 2.09 0.00	48.73 2.05 0.00	47.74 1.92 0.00	46.32 1.87 0.00	48.55 1.96 0.00	51.45 2.17 0.00	58.37 2.25 0.00	66.32 2.49 0.00	85.80 3.22 0.00	83.51 2.82 0.00	64.53 2.00 0.00	58.05 1.91 0.00	51.45 1.64 0.00
CPV_VALLEY__CC2 323722	49.31 1.71 0.00	44.99 1.56 0.00	42.98 1.45 0.00	43.08 1.49 0.00	43.47 1.55 0.00	46.10 1.77 0.00	60.64 2.27 0.00	68.55 2.82 0.00	62.85 2.71 0.00	57.18 2.46 0.00	54.73 2.30 0.00	50.69 2.09 0.00	48.73 2.05 0.00	47.74 1.92 0.00	46.32 1.87 0.00	48.55 1.96 0.00	51.45 2.17 0.00	58.37 2.25 0.00	66.32 2.49 0.00	85.80 3.22 0.00	83.51 2.82 0.00	64.53 2.00 0.00	58.05 1.91 0.00	51.45 1.64 0.00
CRESCENT__HYD 24018	49.02 1.43 0.00	44.82 1.39 0.00	42.86 1.33 0.00	43.00 1.41 0.00	43.34 1.43 0.00	45.97 1.64 0.00	60.35 1.99 0.00	67.97 2.24 0.00	62.24 2.10 0.00	56.47 1.75 0.00	54.20 1.78 0.00	50.15 1.55 0.00	48.21 1.54 0.00	47.19 1.37 0.00	45.79 1.33 0.00	48.04 1.45 0.00	50.91 1.62 0.00	58.20 2.08 0.00	66.26 2.43 0.00	85.72 3.14 0.00	83.34 2.66 0.00	64.59 2.06 0.00	57.89 1.74 0.00	51.26 1.45 0.00
CRICKET__VALLEY_CC1 323756	49.60 2.00 0.00	45.25 1.82 0.00	43.23 1.70 0.00	43.41 1.83 0.00	43.72 1.80 0.00	46.45 2.13 0.00	60.93 2.57 0.00	68.95 3.22 0.00	63.20 3.07 0.00	57.51 2.79 0.00	55.15 2.72 0.00	51.03 2.43 0.00	49.05 2.38 0.00	48.01 2.20 0.00	46.59 2.13 0.00	48.88 2.28 0.00	51.79 2.51 0.00	58.81 2.69 0.00	66.84 3.00 0.00	86.46 3.88 0.00	84.07 3.39 0.00	65.04 2.50 0.00	58.45 2.30 0.00	51.70 1.89 0.00
CRICKET__VALLEY_CC2 323757	49.60 2.00 0.00	45.25 1.82 0.00	43.23 1.70 0.00	43.41 1.83 0.00	43.72 1.80 0.00	46.45 2.13 0.00	60.93 2.57 0.00	68.95 3.22 0.00	63.20 3.07 0.00	57.51 2.79 0.00	55.15 2.72 0.00	51.03 2.43 0.00	49.05 2.38 0.00	48.01 2.20 0.00	46.59 2.13 0.00	48.88 2.28 0.00	51.79 2.51 0.00	58.81 2.69 0.00	66.84 3.00 0.00	86.46 3.88 0.00	84.07 3.39 0.00	65.04 2.50 0.00	58.45 2.30 0.00	51.70 1.89 0.00
CRICKET__VALLEY_CC3 323758	49.60 2.00 0.00	45.25 1.82 0.00	43.23 1.70 0.00	43.41 1.83 0.00	43.72 1.80 0.00	46.45 2.13 0.00	60.93 2.57 0.00	68.95 3.22 0.00	63.20 3.07 0.00	57.51 2.79 0.00	55.15 2.72 0.00	51.03 2.43 0.00	49.05 2.38 0.00	48.01 2.20 0.00	46.59 2.13 0.00	48.88 2.28 0.00	51.79 2.51 0.00	58.81 2.69 0.00	66.84 3.00 0.00	86.46 3.88 0.00	84.07 3.39 0.00	65.04 2.50 0.00	58.45 2.30 0.00	51.70 1.89 0.00
CRUCIBLE__METL_DRP 24180	47.55 -0.05 0.00	43.39 -0.04 0.00	41.49 -0.04 0.00	41.63 0.04 0.00	41.92 0.00 0.00	44.50 0.18 0.00	58.84 0.47 0.00	66.32 0.59 0.00	60.68 0.54 0.00	55.26 0.55 0.00	52.95 0.52 0.00	49.13 0.53 0.00	47.09 0.42 0.00	46.32 0.50 0.00	44.90 0.44 0.00	47.11 0.51 0.00	49.73 0.44 0.00	56.62 0.51 0.00	64.41 0.57 0.00	83.24 0.66 0.00	81.57 0.89 0.00	63.10 0.56 0.00	56.54 0.39 0.00	50.11 0.30 0.00
DAHOWA__HYDRO 323763	49.64 2.05 0.00	45.43 2.00 0.00	43.44 1.91 0.00	43.58 2.00 0.00	43.89 1.97 0.00	46.63 2.30 0.00	61.40 3.03 0.00	69.21 3.48 0.00	63.26 3.13 0.00	57.24 2.52 0.00	54.89 2.46 0.00	50.79 2.19 0.00	48.73 2.05 0.00	47.69 1.88 0.00	46.19 1.73 0.00	48.55 1.96 0.00	51.60 2.32 0.00	59.09 2.97 0.00	67.41 3.57 0.00	87.45 4.87 0.00	84.80 4.11 0.00	65.72 3.19 0.00	58.73 2.58 0.00	52.05 2.24 0.00
DANC__LFGE 323619	46.74 -0.86 0.00	42.69 -0.74 0.00	40.82 -0.71 0.00	40.92 -0.67 0.00	41.24 -0.67 0.00	43.84 -0.49 0.00	59.79 -0.23 -1.65	67.30 -0.26 -1.83	61.23 -0.60 -1.69	55.52 -0.77 -1.56	53.09 -0.84 -1.51	48.96 -0.92 -1.28	47.16 -0.89 -1.37	46.33 -0.87 -1.39	45.10 -0.71 -1.36	47.31 -0.70 -1.41	50.17 -0.59 -1.48	57.11 -0.51 -1.50	65.64 -0.06 -1.86	85.60 0.66 -2.36	83.72 0.72 -2.31	64.62 0.25 -1.84	57.70 -0.11 -1.67	51.07 -0.25 -1.50
DANSKAMMER__1 23586	50.31 2.71 0.00	45.86 2.43 0.00	43.77 2.24 0.00	43.96 2.37 0.00	44.26 2.35 0.00	47.03 2.70 0.00	61.87 3.50 0.00	69.94 4.21 0.00	64.11 3.97 0.00	58.33 3.61 0.00	55.73 3.30 0.00	51.42 2.82 0.00	49.47 2.80 0.00	48.47 2.66 0.00	47.03 2.58 0.00	49.30 2.70 0.00	52.29 3.01 0.00	59.54 3.42 0.00	67.80 3.96 0.00	87.95 5.36 0.00	85.61 4.92 0.00	65.97 3.44 0.00	59.34 3.20 0.00	52.60 2.79 0.00
DANSKAMMER__2 23589	50.31 2.71 0.00	45.86 2.43 0.00	43.77 2.24 0.00	43.96 2.37 0.00	44.26 2.35 0.00	47.03 2.70 0.00	61.87 3.50 0.00	69.94 4.21 0.00	64.11 3.97 0.00	58.33 3.61 0.00	55.73 3.30 0.00	51.42 2.82 0.00	49.47 2.80 0.00	48.47 2.66 0.00	47.03 2.58 0.00	49.30 2.70 0.00	52.29 3.01 0.00	59.54 3.42 0.00	67.80 3.96 0.00	87.95 5.36 0.00	85.61 4.92 0.00	65.97 3.44 0.00	59.34 3.20 0.00	52.60 2.79 0.00
DANSKAMMER__3 23590	50.31 2.71 0.00	45.86 2.43 0.00	43.77 2.24 0.00	43.96 2.37 0.00	44.26 2.35 0.00	47.03 2.70 0.00	61.87 3.50 0.00	69.94 4.21 0.00	64.11 3.97 0.00	58.33 3.61 0.00	55.73 3.30 0.00	51.42 2.82 0.00	49.47 2.80 0.00	48.47 2.66 0.00	47.03 2.58 0.00	49.30 2.70 0.00	52.29 3.01 0.00	59.54 3.42 0.00	67.80 3.96 0.00	87.95 5.36 0.00	85.61 4.92 0.00	65.97 3.44 0.00	59.34 3.20 0.00	52.60 2.79 0.00

DANSKAMMER___4 23591	50.31 2.71 0.00	45.86 2.43 0.00	43.77 2.24 0.00	43.96 2.37 0.00	44.26 2.35 0.00	47.03 2.70 0.00	61.87 3.50 0.00	69.94 4.21 0.00	64.11 3.97 0.00	58.33 3.61 0.00	55.73 3.30 0.00	51.42 2.82 0.00	49.47 2.80 0.00	48.47 2.66 0.00	47.03 2.58 0.00	49.30 2.70 0.00	52.29 3.01 0.00	59.54 3.42 0.00	67.80 3.96 0.00	87.95 5.36 0.00	85.61 4.92 0.00	65.97 3.44 0.00	59.34 3.20 0.00	52.60 2.79 0.00
DANSKAMMER___DIESEL 23592	50.26 2.67 0.00	45.86 2.43 0.00	43.81 2.28 0.00	43.87 2.29 0.00	44.26 2.35 0.00	47.03 2.70 0.00	61.87 3.50 0.00	69.94 4.21 0.00	64.11 3.97 0.00	58.33 3.61 0.00	55.72 3.30 0.00	51.37 2.77 0.00	49.47 2.80 0.00	48.42 2.61 0.00	47.08 2.62 0.00	49.30 2.70 0.00	52.29 3.01 0.00	59.43 3.31 0.00	67.73 3.89 0.00	87.95 5.37 0.00	85.61 4.92 0.00	66.04 3.50 0.00	59.34 3.20 0.00	52.60 2.79 0.00
DARBY___SOLAR 323810	49.60 2.00 0.00	45.38 1.96 0.00	43.40 1.87 0.00	43.54 1.96 0.00	43.85 1.93 0.00	46.54 2.22 0.00	61.29 2.92 0.00	69.02 3.29 0.00	63.09 2.95 0.00	57.07 2.35 0.00	54.73 2.30 0.00	50.69 2.09 0.00	48.68 2.01 0.00	47.60 1.78 0.00	46.14 1.69 0.00	48.46 1.87 0.00	51.50 2.22 0.00	58.92 2.80 0.00	67.22 3.38 0.00	87.20 4.62 0.00	84.56 3.87 0.00	65.60 3.06 0.00	58.61 2.47 0.00	52.00 2.19 0.00
DASHVILLE___HYD 23610	49.98 2.38 0.00	45.64 2.21 0.00	43.56 2.03 0.00	43.62 2.04 0.00	44.05 2.14 0.00	46.67 2.35 0.00	61.35 2.98 0.00	69.15 3.42 0.00	63.33 3.19 0.00	57.56 2.85 0.00	54.99 2.57 0.00	50.83 2.24 0.00	48.96 2.29 0.00	47.92 2.11 0.00	46.59 2.13 0.00	48.83 2.24 0.00	51.80 2.51 0.00	58.98 2.86 0.00	67.09 3.26 0.00	86.96 4.38 0.00	84.64 3.95 0.00	65.41 2.88 0.00	58.84 2.69 0.00	52.20 2.39 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	52.41 4.81 -0.01	47.25 3.82 0.00	44.72 3.20 0.00	44.25 2.66 0.00	44.52 2.60 0.00	48.09 3.77 0.00	61.93 3.56 0.00	69.87 4.14 0.00	63.99 3.85 0.00	58.05 3.34 0.00	55.09 2.67 0.00	51.08 2.48 0.00	48.35 1.68 0.00	46.36 0.55 0.00	45.61 1.16 0.00	48.18 1.58 0.00	51.30 2.02 0.00	58.19 2.08 0.00	66.07 2.23 0.00	86.38 3.80 0.00	83.19 2.50 0.00	64.79 2.25 0.00	58.00 1.85 0.00	51.85 2.04 0.00
DELAWARE___LFGE 323621	49.07 1.48 0.00	44.86 1.43 0.00	42.94 1.41 0.00	43.08 1.50 0.00	43.47 1.55 0.00	45.92 1.60 0.00	60.59 2.22 0.00	68.16 2.43 0.00	62.42 2.29 0.00	56.74 2.02 0.00	54.36 1.94 0.00	50.35 1.75 0.00	48.40 1.73 0.00	47.46 1.65 0.00	46.06 1.60 0.00	48.28 1.68 0.00	51.11 1.82 0.00	58.14 2.02 0.00	66.07 2.23 0.00	85.47 2.89 0.00	83.51 2.82 0.00	64.66 2.13 0.00	58.05 1.91 0.00	51.55 1.74 0.00
DERFIELD_115KV_TB7 355931	47.74 0.14 0.00	43.60 0.17 0.00	41.69 0.17 0.00	41.75 0.17 0.00	42.08 0.17 0.00	44.55 0.22 0.00	58.66 0.29 0.00	66.06 0.33 0.00	60.44 0.30 0.00	54.94 0.22 0.00	52.68 0.26 0.00	48.79 0.19 0.00	46.91 0.23 0.00	46.00 0.18 0.00	44.68 0.22 0.00	46.83 0.23 0.00	49.58 0.30 0.00	56.54 0.34 -0.09	64.28 0.45 0.00	83.24 0.66 0.00	81.25 0.56 0.00	62.91 0.38 0.00	56.42 0.28 0.00	50.06 0.25 0.00
DOGLEVILLE___HYD 23807	45.98 -1.62 0.00	41.69 -1.74 0.00	39.49 -2.03 0.00	39.34 -2.25 0.00	39.44 -2.47 0.00	41.84 -2.48 0.00	55.16 -3.21 0.00	62.11 -3.62 0.00	56.65 -3.49 0.00	51.44 -3.28 0.00	49.44 -2.99 0.00	45.59 -3.01 0.00	43.88 -2.80 0.00	42.93 -2.88 0.00	41.66 -2.80 0.00	43.61 -2.98 0.00	46.13 -3.16 0.00	52.67 -3.53 -0.09	60.07 -3.77 0.00	78.37 -4.21 0.00	76.33 -4.36 0.00	59.03 -3.50 0.00	52.89 -3.26 0.00	46.82 -2.99 0.00
DUNKIRK___115KV_TB_200 55889	46.03 -1.57 0.00	41.78 -1.65 0.00	40.32 -1.20 0.00	40.38 -1.21 0.00	40.49 -1.43 0.00	43.04 -1.29 0.00	57.61 -0.76 0.00	63.89 -1.84 0.00	54.27 -1.74 4.13	50.93 -1.37 2.42	49.99 -1.68 0.76	47.68 -0.92 0.00	45.04 -1.63 0.00	44.67 -1.15 0.00	43.17 -1.29 0.00	45.53 -1.07 0.00	47.51 -1.77 0.00	52.64 -2.64 0.84	57.82 -3.26 2.77	72.53 -5.20 4.85	78.27 -2.42 0.00	60.97 -1.56 0.00	55.30 -0.84 0.00	50.31 0.50 0.00
DUNKIRK___1 23563	46.03 -1.57 0.00	41.78 -1.65 0.00	40.32 -1.20 0.00	40.38 -1.21 0.00	40.49 -1.43 0.00	43.04 -1.29 0.00	57.61 -0.76 0.00	63.89 -1.84 0.00	54.27 -1.74 4.13	50.93 -1.37 2.42	49.99 -1.68 0.76	47.68 -0.92 0.00	45.04 -1.63 0.00	44.67 -1.15 0.00	43.17 -1.29 0.00	45.53 -1.07 0.00	47.51 -1.77 0.00	52.64 -2.64 0.84	57.82 -3.26 2.77	72.53 -5.20 4.85	78.27 -2.42 0.00	60.97 -1.56 0.00	55.30 -0.84 0.00	50.31 0.50 0.00
DUNKIRK___2 23564	46.03 -1.57 0.00	41.78 -1.65 0.00	40.32 -1.20 0.00	40.38 -1.21 0.00	40.49 -1.43 0.00	43.04 -1.29 0.00	57.61 -0.76 0.00	63.89 -1.84 0.00	54.27 -1.74 4.13	50.93 -1.37 2.42	49.99 -1.68 0.76	47.68 -0.92 0.00	45.04 -1.63 0.00	44.67 -1.15 0.00	43.17 -1.29 0.00	45.53 -1.07 0.00	47.51 -1.77 0.00	52.64 -2.64 0.84	57.82 -3.26 2.77	72.53 -5.20 4.85	78.27 -2.42 0.00	60.97 -1.56 0.00	55.30 -0.84 0.00	50.31 0.50 0.00
DUNKIRK___3 23565	46.03 -1.57 0.00	41.74 -1.69 0.00	40.28 -1.25 0.00	40.34 -1.25 0.00	40.49 -1.43 0.00	43.00 -1.33 0.00	57.43 -0.93 0.00	63.69 -2.04 0.00	53.75 -1.92 4.46	50.62 -1.48 2.62	49.87 -1.73 0.82	47.63 -0.97 0.00	44.99 -1.68 0.00	44.62 -1.19 0.00	43.12 -1.33 0.00	45.48 -1.12 0.00	47.46 -1.82 0.00	52.46 -2.75 0.91	57.46 -3.38 2.99	71.89 -5.45 5.24	77.94 -2.74 0.00	60.72 -1.81 0.00	55.02 -1.12 0.00	50.01 0.20 0.00
DUNKIRK___4 23566	46.03 -1.57 0.00	41.74 -1.69 0.00	40.28 -1.25 0.00	40.34 -1.25 0.00	40.49 -1.43 0.00	43.00 -1.33 0.00	57.43 -0.93 0.00	63.69 -2.04 0.00	53.75 -1.92 4.46	50.62 -1.48 2.62	49.87 -1.73 0.82	47.63 -0.97 0.00	44.99 -1.68 0.00	44.62 -1.19 0.00	43.12 -1.33 0.00	45.48 -1.12 0.00	47.46 -1.82 0.00	52.46 -2.75 0.91	57.46 -3.38 2.99	71.89 -5.45 5.24	77.94 -2.74 0.00	60.72 -1.81 0.00	55.02 -1.12 0.00	50.01 0.20 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	50.55 2.95 0.00	46.03 2.61 0.00	43.98 2.45 0.00	43.96 2.37 0.00	44.43 2.51 0.00	47.30 2.97 0.00	62.22 3.85 0.00	70.53 4.80 0.00	64.71 4.57 0.00	58.99 4.27 0.00	56.41 3.98 0.00	52.20 3.60 0.00	50.17 3.50 0.00	49.11 3.30 0.00	47.74 3.29 0.00	50.00 3.40 0.00	53.03 3.75 0.00	60.05 3.93 0.00	68.24 4.40 0.00	88.36 5.78 0.00	85.93 5.24 0.00	66.35 3.81 0.00	59.63 3.48 0.00	52.80 2.99 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	49.93 2.33 0.00	45.56 2.13 0.00	43.52 1.99 0.00	43.54 1.95 0.00	44.01 2.10 0.00	46.72 2.39 0.00	61.46 3.09 0.00	69.48 3.75 0.00	63.69 3.55 0.00	57.95 3.23 0.00	55.41 2.99 0.00	51.17 2.58 0.00	49.24 2.57 0.00	48.24 2.43 0.00	46.90 2.45 0.00	49.11 2.52 0.00	52.09 2.81 0.00	59.15 3.03 0.00	67.22 3.38 0.00	87.12 4.54 0.00	84.88 4.20 0.00	65.54 3.00 0.00	58.90 2.75 0.00	52.15 2.34 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	50.79 3.19 -0.01	46.22 2.78 -0.01	44.15 2.62 -0.01	44.17 2.58 -0.01	44.61 2.68 -0.01	47.46 3.15 0.01	62.40 4.03 0.00	70.79 5.06 0.00	65.00 4.87 0.01	59.25 4.54 0.01	56.66 4.25 0.01	52.48 3.89 0.01	50.45 3.78 0.01	49.33 3.53 0.01	48.00 3.56 0.01	50.27 3.68 0.01	53.32 4.04 0.01	60.38 4.26 0.01	68.62 4.79 0.01	88.77 6.19 0.00	86.25 5.57 0.00	66.41 3.88 0.00	59.85 3.71 0.00	53.06 3.24 -0.01
E179THST_13_KV_LOAD 356214	50.99 3.38 -0.01	46.39 2.95 -0.01	44.32 2.78 -0.01	44.34 2.74 -0.01	44.77 2.85 -0.01	47.64 3.32 0.01	62.63 4.26 0.00	71.12 5.39 0.00	65.30 5.17 0.01	59.52 4.82 0.01	56.92 4.51 0.01	52.72 4.13 0.01	50.68 4.01 0.01	49.56 3.76 0.01	48.23 3.78 0.01	50.50 3.91 0.01	53.56 4.29 0.01	60.66 4.55 0.01	69.00 5.17 0.01	89.27 6.69 0.00	86.74 6.05 0.00	66.72 4.19 0.00	60.13 3.99 0.00	53.31 3.49 -0.01
EAST HAMPTON___GT 23717	53.08 5.47 -0.01	47.47 4.04 0.00	44.35 2.83 0.00	44.95 3.37 0.00	44.60 2.69 0.00	48.23 3.90 0.00	61.93 3.56 0.00	70.07 4.34 0.00	63.99 3.85 0.00	58.00 3.28 0.00	54.78 2.36 0.00	50.88 2.28 0.00	47.79 1.12 0.00	45.91 0.09 0.00	44.81 0.35 0.00	47.58 0.98 0.00	50.66 1.38 0.00	57.52 1.40 0.00	65.43 1.60 0.00	85.39 2.81 0.00	82.06 1.37 0.00	63.78 1.25 0.00	57.32 1.18 0.00	51.40 1.59 0.00
EAST RIVER___6 23660	50.93 3.33 0.00	46.25 2.82 0.00	44.15 2.62 0.00	44.33 2.74 0.00	44.64 2.72 0.00	47.56 3.23 0.00	62.69 4.32 0.00	71.05 5.32 0.00	65.31 5.17 0.00	59.53 4.82 0.00	56.93 4.51 0.00	52.78 4.18 0.00	50.69 4.01 0.00	49.57 3.76 0.00	48.10 3.65 0.00	50.46 3.87 0.00	53.52 4.24 0.00	60.61 4.49 0.00	68.82 4.98 0.00	89.19 6.61 0.00	86.57 5.89 0.00	66.72 4.19 0.00	60.02 3.87 0.00	53.20 3.39 0.00
EAST RIVER___7 23524	50.93 3.33 0.00	46.25 2.82 0.00	44.15 2.62 0.00	44.33 2.74 0.00	44.64 2.72 0.00	47.56 3.23 0.00	62.69 4.32 0.00	71.05 5.32 0.00	65.31 5.17 0.00	59.53 4.82 0.00	56.93 4.51 0.00	52.78 4.18 0.00	50.69 4.01 0.00	49.57 3.76 0.00	48.10 3.65 0.00	50.46 3.87 0.00	53.52 4.24 0.00	60.61 4.49 0.00	68.82 4.98 0.00	89.19 6.61 0.00	86.57 5.89 0.00	66.72 4.19 0.00	60.02 3.87 0.00	53.20 3.39 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	50.41 2.81 0.00	45.90 2.48 0.00	43.85 2.33 0.00	43.87 2.29 0.00	44.31 2.39 0.00	47.16 2.84 0.00	62.05 3.68 0.00	70.27 4.54 0.00	64.47 4.33 0.00	58.71 3.99 0.00	56.20 3.77 0.00	52.00 3.40 0.00	50.03 3.36 0.00	48.93 3.12 0.00	47.57 3.11 0.00	49.81 3.22 0.00	52.83 3.55 0.00	59.88 3.76 0.00	67.99 4.15 0.00	88.03 5.45 0.00	85.61 4.92 0.00	66.10 3.56 0.00	59.40 3.26 0.00	52.65 2.84 0.00
EAST_HAMPTON___DIESEL 23722	53.08 5.47 -0.01	47.42 3.99 0.00	44.31 2.78 0.00	44.95 3.37 0.00	44.56 2.64 0.00	48.18 3.85 0.00	61.87 3.50 0.00	70.00 4.27 0.00	63.93 3.79 0.00	57.94 3.23 0.00	54.67 2.25 0.00	50.79 2.19 0.00	47.70 1.03 0.00	45.77 -0.05 0.00	44.72 0.27 0.00	47.48 0.88 0.00	50.56 1.28 0.00	57.41 1.29 0.00	65.24 1.40 0.00	85.14 2.56 0.00	81.82 1.13 0.00	63.60 1.06 0.00	57.16 1.01 0.00	51.30 1.49 0.00
EAST_POINT___SOLAR 323840	51.26 3.67 0.00	46.90 3.48 0.00	44.89 3.36 0.00	45.04 3.45 0.00	45.35 3.44 0.00	48.32 3.99 0.00	63.80 5.43 0.00	71.31 5.58 0.00	64.47 4.33 0.00	57.18 2.46 0.00	54.62 2.20 0.00	50.30 1.70 0.00	48.96 2.29 0.00	47.92 2.11 0.00	46.01 1.56 0.00	48.55 1.96 0.00	52.19 2.91 0.00	60.77 4.66 0.00	69.97 6.13 0.00	91.01 8.43 0.00	88.27 7.58 0.00	68.41 5.88 0.00	60.91 4.77 0.00	54.10 4.28 0.00
EAST_PULASKI___ESR 323781	46.74 -0.86 0.00	42.65 -0.78 0.00	40.82 -0.71 0.00	40.92 -0.67 0.00	41.29 -0.63 0.00	43.80 -0.53 0.00	58.02 -0.35 0.00	65.34 -0.39 0.00	59.60 -0.54 0.00	54.12 -0.60 0.00	51.79 -0.63 0.00	47.97 -0.63 0.00	45.98 -0.70 0.00	45.22 -0.60 0.00	43.92 -0.53 0.00	46.09 -0.51 0.00	48.79 -0.49 0.00	55.60 -0.45 0.06	63.52 -0.32 0.00	82.50 -0.08 0.00	80.77 0.08 0.00	62.41 -0.12 0.00	55.81 -0.33 0.00	49.41 -0.40 0.00
EAST_RIVER___1 323558	50.88 3.28 0.00	46.17 2.74 0.00	44.06 2.53 0.00	44.29 2.70 0.00	44.56 2.64 0.00	47.47 3.15 0.00	62.57 4.20 0.00	70.92 5.19 0.00	65.13 4.99 0.00	59.37 4.65 0.00	56.77 4.35 0.00	52.68 4.08 0.00	50.60 3.92 0.00	49.48 3.67 0.00	48.01 3.56 0.00	50.37 3.77 0.00	53.37 4.09 0.00	60.50 4.38 0.00	68.69 4.85 0.00	88.94 6.36 0.00	86.42 5.73 0.00	66.60 4.06 0.00	59.91 3.76 0.00	53.10 3.29 0.00
EAST_RIVER___2 323559	50.93 3.33 0.00	46.25 2.82 0.00	44.15 2.62 0.00	44.33 2.74 0.00	44.64 2.72 0.00	47.56 3.23 0.00	62.69 4.32 0.00	71.05 5.32 0.00	65.31 5.17 0.00	59.53 4.82 0.00	56.93 4.51 0.00	52.78 4.18 0.00	50.69 4.01 0.00	49.57 3.76 0.00	48.10 3.65 0.00	50.46 3.87 0.00	53.52 4.24 0.00	60.61 4.49 0.00	68.82 4.98 0.00	89.19 6.61 0.00	86.57 5.89 0.00	66.72 4.19 0.00	60.02 3.87 0.00	53.20 3.39 0.00
EAST___DELAWARE_HYD 23607	49.64 2.05 0.00	45.34 1.91 0.00	43.27 1.74 0.00	43.37 1.79 0.00	43.72 1.80 0.00	46.41 2.08 0.00	61.11 2.74 0.00	69.02 3.29 0.00	63.20 3.07 0.00	57.40 2.68 0.00	54.83 2.41 0.00	50.64 2.04 0.00	48.78 2.10 0.00	47.78 1.97 0.00	46.41 1.95 0.00	48.65 2.05 0.00	51.65 2.37 0.00	58.81 2.69 0.00	66.97 3.13 0.00	86.96 4.37 0.00	84.64 3.95 0.00	65.28 2.75 0.00	58.67 2.53 0.00	52.00 2.19 0.00
EIGHT_POINT___WT_PWR 323820	46.17 -1.43 0.00	41.95 -1.48 0.00	40.20 -1.33 0.00	40.34 -1.25 0.00	40.91 -1.01 0.00	43.35 -0.98 0.00	57.49 -0.87 0.00	64.22 -1.51 0.00	85.63 -1.86 -27.36	69.02 -1.80 -16.11	55.46 -1.99 -5.03	47.19 -1.41 0.00	44.72 -1.96 0.00	44.17 -1.65 0.00	42.94 -1.51 0.00	44.87 -1.72 0.00	47.16 -2.12 0.00	59.16 -2.52 -5.56	79.56 -2.62 -18.35	111.08 -3.63 -32.13	78.99 -1.70 0.00	61.53 -1.00 0.00	55.24 -0.90 0.00	49.76 -0.05 0.00
ELBRIDGE_115KV_TB2 80188	47.31 -0.29 0.00	43.17 -0.26 0.00	41.32 -0.21 0.00	41.42 -0.17 0.00	41.75 -0.17 0.00	44.28 -0.04 0.00	58.54 0.18 0.00	65.93 0.20 0.00	60.32 0.18 0.00	54.94 0.22 0.00	52.58 0.16 0.00	48.84 0.24 0.00	46.81 0.14 0.00	46.00 0.18 0.00	44.63 0.18 0.00	46.78 0.19 0.00	49.43 0.15 0.00	56.23 0.11 0.00	63.97 0.13 0.00	82.66 0.08 0.00	81.01 0.32 0.00	62.72 0.19 0.00	56.20 0.06 0.00	49.91 0.10 0.00
ELEC_TRO_TEK 24086	51.04 3.43 -0.02	46.38 2.95 0.00	44.14 2.62 0.00	44.04 2.45 0.00	44.43 2.51 0.00	47.61 3.28 0.00	61.93 3.56 0.00	70.00 4.27 0.00	64.11 3.97 0.00	58.33 3.61 0.00	55.62 3.20 0.00	51.81 3.21 0.00	49.71 3.03 0.00	48.33 2.52 0.00	47.21 2.76 0.00	49.63 3.03 0.00	52.68 3.40 0.00	59.54 3.42 0.00	67.67 3.83 0.00	88.03 5.45 0.00	85.20 4.52 0.00	66.10 3.56 0.00	59.29 3.14 0.00	52.65 2.84 0.00

ELLENBURG_WT_PWR 323604	47.27 -0.33 0.00	42.91 -0.52 0.00	40.82 -0.71 0.00	40.47 -1.12 0.00	40.28 -1.64 0.00	42.07 -2.26 0.00	-4.60 -3.21 59.76	-4.01 -3.49 66.26	-4.46 -3.37 61.24	-4.89 -3.06 56.54	-5.07 -2.93 54.56	-0.48 -2.72 46.35	-5.47 -2.52 49.63	-7.05 -2.52 50.34	-7.04 -2.53 48.97	-7.10 -2.70 50.99	-7.05 -2.86 53.48	-7.11 -3.26 59.98	-7.06 -3.64 67.26	-7.08 -4.46 85.20	-7.00 -4.20 83.49	-7.06 -3.19 66.41	-7.00 -2.81 60.34	-6.95 -2.44 54.32
ELM_ST_23_KV_LD_REV_LBMP_A 345012	45.74 -1.86 0.00	41.47 -1.95 0.00	40.07 -1.45 0.00	40.13 -1.46 0.00	40.20 -1.72 0.00	42.69 -1.64 0.00	56.56 -1.81 0.00	62.57 -3.16 0.00	51.26 -2.83 6.05	49.08 -2.08 3.56	49.00 -2.31 1.11	47.24 -1.36 0.00	44.53 -2.15 0.00	44.26 -1.56 0.00	42.81 -1.64 0.00	45.15 -1.44 0.00	47.06 -2.22 0.00	51.58 -3.31 1.23	55.63 -4.15 4.06	68.87 -6.61 7.11	76.73 -3.95 0.00	59.72 -2.81 0.00	54.07 -2.08 0.00	49.11 -0.70 0.00
EMPIRE_CC_1 323656	48.46 0.86 0.00	44.30 0.87 0.00	42.36 0.83 0.00	42.54 0.96 0.00	42.88 0.96 0.00	45.48 1.15 0.00	59.54 1.17 0.00	67.04 1.31 0.00	61.46 1.32 0.00	55.81 1.09 0.00	53.57 1.15 0.00	49.57 0.97 0.00	47.70 1.03 0.00	46.64 0.83 0.00	45.30 0.84 0.00	47.48 0.88 0.00	50.32 1.04 0.00	57.35 1.23 0.00	65.18 1.34 0.00	84.32 1.74 0.00	81.97 1.29 0.00	63.53 1.00 0.00	57.16 1.01 0.00	50.56 0.75 0.00
EMPIRE_CC_2 323658	48.46 0.86 0.00	44.30 0.87 0.00	42.36 0.83 0.00	42.54 0.96 0.00	42.88 0.96 0.00	45.48 1.15 0.00	59.54 1.17 0.00	67.04 1.31 0.00	61.46 1.32 0.00	55.81 1.09 0.00	53.57 1.15 0.00	49.57 0.97 0.00	47.70 1.03 0.00	46.64 0.83 0.00	45.30 0.84 0.00	47.48 0.88 0.00	50.32 1.04 0.00	57.35 1.23 0.00	65.18 1.34 0.00	84.32 1.74 0.00	81.97 1.29 0.00	63.53 1.00 0.00	57.16 1.01 0.00	50.56 0.75 0.00
ENORWICH_115KV_TB1 80156	50.50 2.90 0.00	46.16 2.74 0.00	44.06 2.53 0.00	44.21 2.62 0.00	44.52 2.60 0.00	47.38 3.06 0.00	63.21 4.84 0.00	70.92 5.19 0.00	65.76 4.15 -1.47	58.87 3.28 -0.87	55.78 3.09 -0.27	51.32 2.72 0.00	49.29 2.61 0.00	48.33 2.52 0.00	46.99 2.53 0.00	49.44 2.84 0.00	52.39 3.10 0.00	60.06 3.65 -0.30	69.61 4.79 -0.99	91.41 7.10 -1.73	87.95 7.26 0.00	67.66 5.13 0.00	60.47 4.32 0.00	53.70 3.89 0.00
ERIE_ST_34_KV_TB1-2 80199	46.12 -1.48 0.00	41.82 -1.61 0.00	40.36 -1.16 0.00	40.38 -1.21 0.00	40.53 -1.38 0.00	43.08 -1.24 0.00	57.20 -1.17 0.00	63.30 -2.43 0.00	52.73 -2.29 5.13	50.01 -1.70 3.01	49.54 -1.94 0.94	47.58 -1.02 0.00	44.85 -1.82 0.00	44.53 -1.28 0.00	43.08 -1.38 0.00	45.48 -1.12 0.00	47.41 -1.87 0.00	52.21 -2.86 1.04	56.82 -3.57 3.44	70.70 -5.86 6.02	77.30 -3.39 0.00	60.10 -2.44 0.00	54.35 -1.80 0.00	49.51 -0.30 0.00
ERIE_WT_PWR 323693	45.93 -1.67 0.00	41.65 -1.78 0.00	40.12 -1.41 0.00	40.30 -1.29 0.00	40.91 -1.01 0.00	42.86 -1.46 0.00	56.97 -1.40 0.00	62.91 -2.82 0.00	52.08 -2.58 5.47	49.64 -1.86 3.21	49.27 -2.15 1.00	47.29 -1.31 0.00	44.72 -1.96 0.00	44.39 -1.42 0.00	43.26 -1.20 0.00	45.34 -1.26 0.00	47.21 -2.07 0.00	51.86 -3.14 1.11	56.34 -3.83 3.67	69.87 -6.28 6.43	77.14 -3.55 0.00	60.34 -2.19 0.00	54.35 -1.80 0.00	49.41 -0.40 0.00
ESPRGFLD_115KV_TB1 80157	50.36 2.76 0.00	46.08 2.65 0.00	44.06 2.53 0.00	44.25 2.66 0.00	44.56 2.64 0.00	47.30 2.97 0.00	62.63 4.26 0.00	70.40 4.67 0.00	64.23 4.09 0.00	57.95 3.23 0.00	55.46 3.04 0.00	51.27 2.67 0.00	49.38 2.71 0.00	48.42 2.61 0.00	46.90 2.45 0.00	49.25 2.66 0.00	52.29 3.01 0.00	59.88 3.76 0.00	68.43 4.60 0.00	88.77 6.19 0.00	86.58 5.89 0.00	66.97 4.44 0.00	59.91 3.76 0.00	53.15 3.34 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	48.45 0.86 0.00	44.17 0.74 0.00	42.27 0.75 0.00	42.38 0.79 0.00	42.75 0.84 0.00	45.39 1.06 0.00	60.18 1.81 0.00	67.70 1.97 0.00	64.19 1.62 -2.42	57.51 1.37 -1.43	54.02 1.15 -0.45	49.72 1.12 0.00	47.61 0.93 0.00	46.78 0.96 0.00	45.39 0.93 0.00	47.67 1.07 0.00	50.42 1.13 0.00	57.96 1.35 -0.49	67.19 1.72 -1.63	87.66 2.23 -2.85	83.27 2.58 0.00	64.35 1.81 0.00	57.66 1.52 0.00	51.16 1.34 0.00
ETNA____115KV_TB2 80207	48.45 0.86 0.00	44.17 0.74 0.00	42.27 0.75 0.00	42.38 0.79 0.00	42.75 0.84 0.00	45.39 1.06 0.00	60.18 1.81 0.00	67.70 1.97 0.00	64.19 1.62 -2.42	57.51 1.37 -1.43	54.02 1.15 -0.45	49.72 1.12 0.00	47.61 0.93 0.00	46.78 0.96 0.00	45.39 0.93 0.00	47.67 1.07 0.00	50.42 1.13 0.00	57.96 1.35 -0.49	67.19 1.72 -1.63	87.66 2.23 -2.85	83.27 2.58 0.00	64.35 1.81 0.00	57.66 1.52 0.00	51.16 1.34 0.00
EUCLID____115KV_TB2 356179	47.07 -0.52 0.00	42.91 -0.52 0.00	41.07 -0.46 0.00	41.17 -0.42 0.00	41.50 -0.42 0.00	44.02 -0.31 0.00	58.13 -0.23 0.00	65.47 -0.26 0.00	59.90 -0.24 0.00	54.61 -0.11 0.00	52.26 -0.16 0.00	48.55 -0.05 0.00	46.58 -0.09 0.00	45.77 -0.05 0.00	44.37 -0.09 0.00	46.55 -0.05 0.00	49.13 -0.15 0.00	55.95 -0.17 0.00	63.65 -0.19 0.00	82.25 -0.33 0.00	80.61 -0.08 0.00	62.35 -0.19 0.00	55.92 -0.22 0.00	49.61 -0.20 0.00
E_CANADA_CAP_HY 24051	50.84 3.24 0.00	46.47 3.04 0.00	44.52 2.99 0.00	44.62 3.03 0.00	44.94 3.02 0.00	47.78 3.46 0.00	63.21 4.84 0.00	70.99 5.26 0.00	64.53 4.39 0.00	57.83 3.12 0.00	55.30 2.88 0.00	51.08 2.48 0.00	49.29 2.61 0.00	48.29 2.47 0.00	46.63 2.18 0.00	49.07 2.47 0.00	52.39 3.11 0.00	60.38 4.26 0.00	69.20 5.36 0.00	90.02 7.44 0.00	87.38 6.69 0.00	67.66 5.13 0.00	60.36 4.21 0.00	53.59 3.78 0.00
E_CANADA_MHWK_HY 24050	45.98 -1.62 0.00	41.69 -1.74 0.00	39.49 -2.03 0.00	39.34 -2.25 0.00	39.44 -2.47 0.00	41.84 -2.48 0.00	55.16 -3.21 0.00	62.11 -3.62 0.00	56.65 -3.49 0.00	51.44 -3.28 0.00	49.44 -2.99 0.00	45.59 -3.01 0.00	43.88 -2.80 0.00	42.93 -2.88 0.00	41.66 -2.80 0.00	43.61 -2.98 0.00	46.13 -3.16 0.00	52.67 -3.53 -0.09	60.07 -3.77 0.00	78.37 -4.21 0.00	76.33 -4.36 0.00	59.03 -3.50 0.00	52.89 -3.26 0.00	46.82 -2.99 0.00
E_FISHKILL____LBMP 23776	49.93 2.33 0.00	45.51 2.08 0.00	43.52 1.99 0.00	43.54 1.95 0.00	43.97 2.05 0.00	46.72 2.39 0.00	61.40 3.04 0.00	69.54 3.81 0.00	63.75 3.61 0.00	58.05 3.34 0.00	55.57 3.15 0.00	51.42 2.82 0.00	49.47 2.80 0.00	48.38 2.57 0.00	47.08 2.62 0.00	49.30 2.70 0.00	52.24 2.96 0.00	59.20 3.09 0.00	67.29 3.45 0.00	87.04 4.46 0.00	84.72 4.03 0.00	65.47 2.94 0.00	58.84 2.69 0.00	52.10 2.29 0.00
FALCON____SEABRD_CC1 323796	47.69 0.10 0.00	43.30 -0.13 0.00	41.15 -0.37 0.00	40.84 -0.75 0.00	40.66 -1.26 0.00	42.42 -1.90 0.00	-4.43 -3.04 59.76	-3.81 -3.28 66.26	-4.28 -3.19 61.24	-4.67 -2.85 56.54	-4.86 -2.73 54.56	-0.33 -2.58 46.35	-5.33 -2.38 49.63	-6.86 -2.33 50.34	-6.96 -2.44 48.97	-7.00 -2.61 50.99	-6.95 -2.76 53.48	-6.94 -3.09 59.98	-6.94 -3.51 67.26	-6.75 -4.13 85.20	-6.67 -3.87 83.49	-6.88 -3.00 66.41	-6.89 -2.69 60.34	-6.85 -2.34 54.32

FALCON___SEABRD_CC2 323797	47.69 0.10 0.00	43.30 -0.13 0.00	41.15 -0.37 0.00	40.84 -0.75 0.00	40.66 -1.26 0.00	42.42 -1.90 0.00	-4.43 -3.04 59.76	-3.81 -3.28 66.26	-4.28 -3.19 61.24	-4.67 -2.85 56.54	-4.86 -2.73 54.56	-0.33 -2.58 46.35	-5.33 -2.38 49.63	-6.86 -2.33 50.34	-6.96 -2.44 48.97	-7.00 -2.61 50.99	-6.95 -2.76 53.48	-6.94 -3.09 59.98	-6.94 -3.51 67.26	-6.75 -4.13 85.20	-6.67 -3.87 83.49	-6.88 -3.00 66.41	-6.89 -2.69 60.34	-6.85 -2.34 54.32
FAR ROCKAWAY___4 23548	51.66 4.05 -0.01	46.95 3.52 0.00	44.64 3.11 0.00	44.54 2.95 0.00	44.93 3.02 0.00	48.18 3.86 0.00	62.69 4.32 0.00	70.92 5.19 0.00	64.89 4.75 0.00	58.99 4.27 0.00	56.25 3.83 0.00	52.44 3.84 0.00	50.22 3.55 0.00	48.84 3.02 0.00	47.66 3.20 0.00	50.19 3.59 0.00	53.27 3.99 0.00	60.27 4.15 0.00	68.56 4.72 0.00	89.27 6.69 0.00	86.41 5.73 0.00	67.10 4.57 0.00	60.13 3.99 0.00	53.40 3.59 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	51.07 3.47 0.00	46.43 3.00 0.00	44.35 2.82 0.00	44.33 2.74 0.00	44.81 2.89 0.00	47.74 3.41 0.00	62.98 4.61 0.00	71.38 5.65 0.00	65.61 5.47 0.00	59.81 5.09 0.00	57.14 4.72 0.00	52.92 4.33 0.00	50.88 4.20 0.00	49.75 3.94 0.00	48.41 3.96 0.00	50.70 4.10 0.00	53.77 4.48 0.00	60.89 4.77 0.00	69.20 5.36 0.00	89.60 7.02 0.00	87.06 6.37 0.00	67.16 4.63 0.00	60.35 4.21 0.00	53.45 3.64 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	50.79 3.19 0.00	46.16 2.74 0.00	44.10 2.57 0.00	44.12 2.54 0.00	44.56 2.64 0.00	47.47 3.15 0.00	62.57 4.20 0.00	70.92 5.19 0.00	65.13 4.99 0.00	59.37 4.65 0.00	56.77 4.35 0.00	52.58 3.99 0.00	50.55 3.87 0.00	49.43 3.62 0.00	48.06 3.60 0.00	50.33 3.73 0.00	53.37 4.09 0.00	60.50 4.38 0.00	68.69 4.85 0.00	88.94 6.36 0.00	86.41 5.73 0.00	66.66 4.13 0.00	59.96 3.82 0.00	53.10 3.29 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	50.74 3.14 0.00	46.12 2.69 0.00	44.06 2.53 0.00	44.08 2.50 0.00	44.56 2.64 0.00	47.47 3.15 0.00	62.57 4.20 0.00	70.86 5.13 0.00	65.07 4.93 0.00	59.31 4.60 0.00	56.72 4.30 0.00	52.54 3.94 0.00	50.50 3.83 0.00	49.39 3.57 0.00	48.06 3.60 0.00	50.33 3.73 0.00	53.37 4.09 0.00	60.44 4.32 0.00	68.63 4.79 0.00	88.86 6.28 0.00	86.33 5.65 0.00	66.60 4.06 0.00	59.91 3.76 0.00	53.05 3.24 0.00
FARRAGUT___LBMP 323566	50.74 3.14 0.00	46.12 2.69 0.00	44.06 2.53 0.00	44.04 2.45 0.00	44.52 2.60 0.00	47.43 3.10 0.00	62.51 4.14 0.00	70.79 5.06 0.00	65.07 4.93 0.00	59.26 4.54 0.00	56.67 4.25 0.00	52.49 3.89 0.00	50.46 3.78 0.00	49.34 3.53 0.00	48.01 3.56 0.00	50.28 3.68 0.00	53.32 4.04 0.00	60.38 4.26 0.00	68.56 4.72 0.00	88.77 6.19 0.00	86.25 5.57 0.00	66.54 4.00 0.00	59.85 3.71 0.00	53.05 3.24 0.00
FENNER___WINDPWR 24204	48.36 0.76 0.00	44.12 0.69 0.00	42.23 0.71 0.00	42.29 0.71 0.00	42.67 0.76 0.00	45.26 0.93 0.00	59.94 1.58 0.00	67.51 1.78 0.00	61.64 1.50 0.00	55.98 1.26 0.00	53.63 1.21 0.00	49.67 1.07 0.00	47.75 1.07 0.00	46.82 1.01 0.00	45.48 1.02 0.00	47.67 1.07 0.00	50.46 1.18 0.00	57.46 1.34 0.00	65.62 1.78 0.00	85.14 2.56 0.00	83.27 2.58 0.00	64.35 1.81 0.00	57.60 1.46 0.00	51.06 1.25 0.00
FIBERTEK___ENERGY 23856	47.55 -0.05 0.00	43.39 -0.04 0.00	41.49 -0.04 0.00	41.63 0.04 0.00	41.92 0.00 0.00	44.50 0.18 0.00	58.84 0.47 0.00	66.32 0.59 0.00	60.68 0.54 0.00	55.26 0.55 0.00	52.95 0.52 0.00	49.13 0.53 0.00	47.09 0.42 0.00	46.32 0.50 0.00	44.90 0.44 0.00	47.11 0.51 0.00	49.73 0.44 0.00	56.62 0.51 0.00	64.41 0.57 0.00	83.24 0.66 0.00	81.57 0.89 0.00	63.10 0.56 0.00	56.54 0.39 0.00	50.11 0.30 0.00
FITZPATRICK____ 23598	46.41 -1.19 0.00	42.34 -1.08 0.00	40.53 -1.00 0.00	40.59 -1.00 0.00	40.95 -0.96 0.00	43.35 -0.98 0.00	57.20 -1.17 0.00	64.42 -1.31 0.00	58.87 -1.27 0.00	53.68 -1.04 0.00	51.37 -1.05 0.00	47.67 -0.92 0.00	45.74 -0.93 0.00	44.99 -0.82 0.00	43.66 -0.80 0.00	45.76 -0.84 0.00	48.34 -0.94 0.00	55.00 -1.12 0.00	62.56 -1.28 0.00	80.84 -1.74 0.00	79.24 -1.45 0.00	61.41 -1.12 0.00	55.02 -1.12 0.00	48.86 -0.95 0.00
FLOWRFLD_69_KV_BK1 356044	51.75 4.14 -0.01	46.77 3.34 0.00	44.39 2.87 0.00	44.17 2.58 0.00	44.47 2.56 0.00	47.87 3.55 0.00	61.70 3.33 0.00	69.74 4.01 0.00	63.69 3.55 0.00	57.84 3.12 0.00	55.15 2.73 0.00	51.32 2.72 0.00	49.15 2.47 0.00	47.51 1.70 0.00	46.59 2.13 0.00	49.21 2.61 0.00	52.34 3.06 0.00	59.26 3.14 0.00	67.16 3.32 0.00	87.70 5.12 0.00	84.56 3.87 0.00	65.91 3.38 0.00	59.01 2.86 0.00	52.45 2.64 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	50.36 2.76 0.00	45.95 2.52 0.00	43.89 2.37 0.00	43.92 2.33 0.00	44.35 2.43 0.00	47.12 2.79 0.00	61.93 3.56 0.00	70.07 4.34 0.00	64.23 4.09 0.00	58.38 3.67 0.00	55.83 3.41 0.00	51.47 2.87 0.00	49.57 2.89 0.00	48.56 2.75 0.00	47.21 2.76 0.00	49.39 2.80 0.00	52.44 3.15 0.00	59.60 3.48 0.00	67.92 4.09 0.00	88.11 5.53 0.00	85.77 5.08 0.00	66.16 3.63 0.00	59.46 3.31 0.00	52.70 2.89 0.00
FORT ORANGE____ 23900	48.41 0.81 0.00	44.30 0.87 0.00	42.36 0.83 0.00	42.50 0.91 0.00	42.84 0.92 0.00	45.39 1.06 0.00	59.47 1.11 0.00	66.98 1.25 0.00	61.22 1.08 0.00	55.54 0.82 0.00	53.26 0.84 0.00	49.23 0.63 0.00	47.38 0.70 0.00	46.37 0.55 0.00	45.08 0.62 0.00	47.20 0.60 0.00	50.07 0.79 0.00	57.24 1.12 0.00	65.24 1.40 0.00	84.48 1.90 0.00	82.14 1.45 0.00	63.60 1.06 0.00	57.10 0.95 0.00	50.56 0.75 0.00
FORT_DRUM_COGEN 23780	46.84 -0.76 0.00	42.82 -0.61 0.00	40.95 -0.58 0.00	41.05 -0.54 0.00	41.29 -0.63 0.00	43.97 -0.35 0.00	61.19 0.12 -2.71	68.93 0.20 -3.00	62.43 -0.48 -2.77	56.40 -0.88 -2.56	54.00 -0.89 -2.47	49.53 -1.17 -2.10	47.89 -1.03 -2.25	47.08 -1.01 -2.28	45.83 -0.84 -2.22	48.16 -0.75 -2.31	51.06 -0.64 -2.42	58.17 -0.39 -2.45	67.27 0.38 -3.04	88.17 1.73 -3.86	86.16 1.69 -3.78	66.42 0.88 -3.01	59.21 0.34 -2.73	52.32 0.05 -2.46
FOX_HILLS___ESR 323835	57.15 3.67 -5.89	56.43 3.17 -9.83	56.50 2.99 -11.98	55.61 2.91 -11.11	55.66 3.06 -10.68	56.39 3.50 -8.56	62.87 4.49 -0.01	71.26 5.52 -0.01	101.50 5.29 -36.07	97.55 4.87 -37.96	97.55 4.51 -40.62	97.48 4.13 -44.75	97.53 4.01 -46.84	97.53 3.76 -47.96	97.68 3.78 -49.44	62.06 3.87 -11.59	60.78 4.24 -7.26	97.77 4.55 -37.11	97.81 5.17 -28.80	97.83 6.85 -8.40	97.74 6.29 -10.76	97.57 4.38 -30.66	97.66 4.21 -37.30	86.24 3.54 -32.90
FPL FAR_ROCK_GT1 24212	51.71 4.09 -0.01	46.94 3.52 0.00	44.43 2.91 0.00	44.83 3.25 0.00	44.94 3.02 0.00	48.18 3.85 0.00	62.63 4.26 0.00	70.92 5.19 0.00	64.89 4.75 0.00	59.04 4.32 0.00	56.30 3.88 0.00	52.49 3.89 0.00	50.13 3.45 0.00	48.88 3.07 0.00	47.52 3.07 0.00	50.19 3.59 0.00	53.27 3.99 0.00	60.27 4.15 0.00	68.63 4.79 0.00	89.27 6.69 0.00	86.42 5.73 0.00	66.97 4.44 0.00	60.19 4.04 0.00	53.40 3.59 0.00

FPL FAR_ROCK_GT2 23815	51.71 4.09 -0.01	46.94 3.52 0.00	44.43 2.91 0.00	44.83 3.25 0.00	44.94 3.02 0.00	48.18 3.85 0.00	62.63 4.26 0.00	70.92 5.19 0.00	64.89 4.75 0.00	59.04 4.32 0.00	56.30 3.88 0.00	52.49 3.89 0.00	50.13 3.45 0.00	48.88 3.07 0.00	47.52 3.07 0.00	50.19 3.59 0.00	53.27 3.99 0.00	60.27 4.15 0.00	68.63 4.79 0.00	89.27 6.69 0.00	86.42 5.73 0.00	66.97 4.44 0.00	60.19 4.04 0.00	53.40 3.59 0.00
FRANKLIN_FALL_HYD 24054	47.22 -0.38 0.00	42.91 -0.52 0.00	40.82 -0.71 0.00	40.51 -1.08 0.00	40.41 -1.51 0.00	42.24 -2.08 0.00	97.92 -2.68 -42.23	109.65 -2.89 -46.81	100.52 -2.89 -43.26	92.04 -2.63 -39.95	88.40 -2.57 -38.54	78.92 -2.43 -32.75	79.54 -2.19 -35.06	79.27 -2.11 -35.57	76.83 -2.22 -34.60	80.25 -2.38 -36.02	84.55 -2.51 -37.78	93.84 -2.81 -40.52	108.23 -3.13 -47.52	139.24 -3.55 -60.21	136.38 -3.31 -59.00	106.97 -2.50 -46.93	96.49 -2.30 -42.64	86.20 -1.99 -38.38
FREEPORT_EQUS_GT1 23764	51.46 3.85 -0.01	46.64 3.21 0.00	44.15 2.62 0.00	44.54 2.95 0.00	44.64 2.72 0.00	47.87 3.55 0.00	62.11 3.74 0.00	70.26 4.53 0.00	64.29 4.15 0.00	58.49 3.77 0.00	55.78 3.36 0.00	52.05 3.45 0.00	49.71 3.03 0.00	48.47 2.66 0.00	47.12 2.67 0.00	49.81 3.21 0.00	52.88 3.60 0.00	59.60 3.48 0.00	67.86 4.02 0.00	88.27 5.69 0.00	85.36 4.68 0.00	66.41 3.88 0.00	59.63 3.48 0.00	52.95 3.14 0.00
FREEPORT___CT2 23818	51.46 3.85 -0.01	46.64 3.21 0.00	44.15 2.62 0.00	44.54 2.95 0.00	44.64 2.72 0.00	47.87 3.55 0.00	62.11 3.74 0.00	70.26 4.53 0.00	64.29 4.15 0.00	58.49 3.77 0.00	55.78 3.36 0.00	52.05 3.45 0.00	49.71 3.03 0.00	48.47 2.66 0.00	47.12 2.67 0.00	49.81 3.21 0.00	52.88 3.60 0.00	59.60 3.48 0.00	67.86 4.02 0.00	88.27 5.69 0.00	85.36 4.68 0.00	66.41 3.88 0.00	59.63 3.48 0.00	52.95 3.14 0.00
FRESHKLS_33_KV_LOAD 356253	57.10 3.62 -5.89	56.43 3.17 -9.83	56.46 2.95 -11.98	55.61 2.91 -11.11	55.61 3.02 -10.68	56.34 3.46 -8.56	62.70 4.32 -0.01	71.06 5.32 -0.01	66.18 5.11 -0.93	67.23 4.65 -7.86	63.29 4.30 -6.57	62.79 3.94 -10.25	61.43 3.83 -10.93	61.08 3.57 -11.70	61.21 3.60 -13.16	61.87 3.68 -11.59	60.64 4.09 -7.26	93.54 4.38 -33.05	94.47 4.98 -25.65	97.58 6.61 -8.40	97.57 6.13 -10.76	97.51 4.31 -30.66	69.55 4.10 -9.30	61.39 3.39 -8.19
FULTON COGEN____ 23766	46.79 -0.81 0.00	42.69 -0.74 0.00	40.86 -0.66 0.00	40.96 -0.62 0.00	41.29 -0.63 0.00	43.79 -0.53 0.00	57.84 -0.53 0.00	65.20 -0.53 0.00	59.66 -0.48 0.00	54.33 -0.38 0.00	52.00 -0.42 0.00	48.31 -0.29 0.00	46.30 -0.37 0.00	45.54 -0.27 0.00	44.14 -0.31 0.00	46.32 -0.28 0.00	48.94 -0.34 0.00	55.73 -0.39 0.00	63.39 -0.45 0.00	82.00 -0.58 0.00	80.28 -0.40 0.00	62.10 -0.44 0.00	55.64 -0.51 0.00	49.31 -0.50 0.00
FULTON___LFGE 323630	50.79 3.19 0.00	46.42 2.99 0.00	44.43 2.91 0.00	44.58 3.00 0.00	44.89 2.98 0.00	47.74 3.41 0.00	63.09 4.73 0.00	70.92 5.19 0.00	64.53 4.39 0.00	57.89 3.17 0.00	55.35 2.93 0.00	51.17 2.57 0.00	49.29 2.61 0.00	48.29 2.47 0.00	46.63 2.18 0.00	49.07 2.47 0.00	52.39 3.11 0.00	60.33 4.21 0.00	69.13 5.30 0.00	89.85 7.27 0.00	87.14 6.46 0.00	67.54 5.00 0.00	60.24 4.10 0.00	53.45 3.63 0.00
G.F.CEMENT___DRP 24184	50.03 2.43 0.00	45.77 2.35 0.00	43.81 2.28 0.00	43.92 2.33 0.00	44.22 2.31 0.00	47.03 2.70 0.00	61.99 3.62 0.00	69.94 4.21 0.00	63.93 3.79 0.00	57.78 3.06 0.00	55.46 3.04 0.00	51.37 2.77 0.00	49.24 2.57 0.00	48.15 2.34 0.00	46.63 2.18 0.00	48.97 2.38 0.00	52.09 2.81 0.00	59.60 3.48 0.00	68.11 4.28 0.00	88.44 5.86 0.00	85.61 4.92 0.00	66.41 3.88 0.00	59.23 3.09 0.00	52.50 2.69 0.00
GARDENVILLE___LBMP 24039	45.84 -1.76 0.00	41.56 -1.87 0.00	40.16 -1.37 0.00	40.21 -1.37 0.00	40.28 -1.63 0.00	42.77 -1.55 0.00	56.73 -1.63 0.00	62.77 -2.96 0.00	51.68 -2.71 5.75	49.37 -1.97 3.38	49.11 -2.25 1.05	47.29 -1.31 0.00	44.62 -2.05 0.00	44.30 -1.51 0.00	42.85 -1.60 0.00	45.25 -1.35 0.00	47.11 -2.17 0.00	51.75 -3.20 1.17	55.96 -4.02 3.86	69.47 -6.36 6.75	76.89 -3.79 0.00	59.91 -2.63 0.00	54.24 -1.91 0.00	49.26 -0.55 0.00
GARDNVLA_35_KV_LD 355827	46.12 -1.48 0.00	41.82 -1.61 0.00	40.41 -1.12 0.00	40.42 -1.16 0.00	40.53 -1.38 0.00	43.00 -1.33 0.00	57.08 -1.28 0.00	63.10 -2.63 0.00	52.46 -2.35 5.33	49.94 -1.64 3.13	49.50 -1.94 0.98	47.63 -0.97 0.00	44.90 -1.77 0.00	44.58 -1.24 0.00	43.12 -1.33 0.00	45.53 -1.07 0.00	47.41 -1.87 0.00	52.17 -2.86 1.08	56.62 -3.64 3.57	70.38 -5.95 6.26	77.38 -3.31 0.00	60.22 -2.31 0.00	54.46 -1.68 0.00	49.51 -0.30 0.00
GELCKHM___115KV_LOAD 80723	47.22 -0.38 0.00	43.08 -0.35 0.00	41.24 -0.29 0.00	41.34 -0.25 0.00	41.66 -0.25 0.00	44.19 -0.13 0.00	58.37 0.00 0.00	65.80 0.07 0.00	60.20 0.06 0.00	54.83 0.11 0.00	52.53 0.10 0.00	48.74 0.15 0.00	46.77 0.09 0.00	45.95 0.14 0.00	44.59 0.13 0.00	46.74 0.14 0.00	49.38 0.10 0.00	56.17 0.06 0.00	63.90 0.06 0.00	82.58 0.00 0.00	80.93 0.24 0.00	62.60 0.06 0.00	56.09 -0.06 0.00	49.76 -0.05 0.00
GENERAL___MILLS 23808	45.98 -1.62 0.00	41.69 -1.74 0.00	40.28 -1.25 0.00	40.30 -1.29 0.00	40.41 -1.51 0.00	42.91 -1.42 0.00	56.91 -1.46 0.00	62.90 -2.83 0.00	52.14 -2.53 5.47	49.64 -1.86 3.21	49.27 -2.15 1.00	47.43 -1.17 0.00	44.71 -1.96 0.00	44.44 -1.37 0.00	42.99 -1.47 0.00	45.34 -1.26 0.00	47.26 -2.02 0.00	51.92 -3.09 1.11	56.27 -3.89 3.67	69.88 -6.28 6.43	77.06 -3.63 0.00	59.97 -2.56 0.00	54.29 -1.85 0.00	49.36 -0.45 0.00
GE_PLASTICS___DRP 24183	48.41 0.81 0.00	44.25 0.83 0.00	42.36 0.83 0.00	42.46 0.87 0.00	42.84 0.92 0.00	45.30 0.98 0.00	59.42 1.05 0.00	66.85 1.12 0.00	61.22 1.08 0.00	55.59 0.88 0.00	53.31 0.89 0.00	49.38 0.78 0.00	47.47 0.79 0.00	46.50 0.69 0.00	45.17 0.71 0.00	47.30 0.70 0.00	50.12 0.84 0.00	57.24 1.12 0.00	65.11 1.28 0.00	84.23 1.65 0.00	81.98 1.29 0.00	63.53 1.00 0.00	57.04 0.90 0.00	50.51 0.70 0.00
GILBOA___1 23756	48.74 1.14 0.00	44.73 1.30 0.00	42.98 1.45 0.00	42.88 1.29 0.00	43.22 1.30 0.00	45.52 1.20 0.00	59.88 1.52 0.00	67.11 1.38 0.00	61.64 1.50 0.00	56.09 1.37 0.00	53.73 1.31 0.00	49.76 1.16 0.00	47.84 1.17 0.00	46.87 1.05 0.00	45.52 1.07 0.00	47.71 1.12 0.00	50.51 1.23 0.00	57.57 1.46 0.00	65.24 1.40 0.00	84.07 1.49 0.00	81.97 1.29 0.00	63.66 1.13 0.00	57.44 1.29 0.00	50.91 1.09 0.00
GILBOA___2 23757	48.74 1.14 0.00	44.73 1.30 0.00	42.98 1.45 0.00	42.88 1.29 0.00	43.22 1.30 0.00	45.52 1.20 0.00	59.88 1.52 0.00	67.11 1.38 0.00	61.64 1.50 0.00	56.09 1.37 0.00	53.73 1.31 0.00	49.76 1.16 0.00	47.84 1.17 0.00	46.87 1.05 0.00	45.52 1.07 0.00	47.71 1.12 0.00	50.51 1.23 0.00	57.57 1.46 0.00	65.24 1.40 0.00	84.07 1.49 0.00	81.97 1.29 0.00	63.66 1.13 0.00	57.44 1.29 0.00	50.91 1.09 0.00

GILBOA___3 23758	48.74 1.14 0.00	44.73 1.30 0.00	42.98 1.45 0.00	42.88 1.29 0.00	43.22 1.30 0.00	45.52 1.20 0.00	59.88 1.52 0.00	67.11 1.38 0.00	61.64 1.50 0.00	56.09 1.37 0.00	53.73 1.31 0.00	49.76 1.16 0.00	47.84 1.17 0.00	46.87 1.05 0.00	45.52 1.07 0.00	47.71 1.12 0.00	50.51 1.23 0.00	57.57 1.46 0.00	65.24 1.40 0.00	84.07 1.49 0.00	81.97 1.29 0.00	63.66 1.13 0.00	57.44 1.29 0.00	50.91 1.09 0.00
GILBOA___4 23759	48.74 1.14 0.00	44.73 1.30 0.00	42.98 1.45 0.00	42.88 1.29 0.00	43.22 1.30 0.00	45.52 1.20 0.00	59.88 1.52 0.00	67.11 1.38 0.00	61.64 1.50 0.00	56.09 1.37 0.00	53.73 1.31 0.00	49.76 1.16 0.00	47.84 1.17 0.00	46.87 1.05 0.00	45.52 1.07 0.00	47.71 1.12 0.00	50.51 1.23 0.00	57.57 1.46 0.00	65.24 1.40 0.00	84.07 1.49 0.00	81.97 1.29 0.00	63.66 1.13 0.00	57.44 1.29 0.00	50.91 1.09 0.00
GILBOA___ 23599	48.74 1.14 0.00	44.73 1.30 0.00	42.77 1.25 0.00	43.04 1.46 0.00	43.43 1.51 0.00	45.52 1.20 0.00	59.89 1.52 0.00	67.11 1.38 0.00	61.64 1.50 0.00	56.09 1.37 0.00	53.73 1.31 0.00	49.77 1.17 0.00	47.84 1.17 0.00	46.87 1.05 0.00	45.52 1.07 0.00	47.72 1.12 0.00	50.51 1.23 0.00	57.58 1.46 0.00	65.24 1.40 0.00	84.15 1.57 0.00	82.06 1.37 0.00	63.72 1.19 0.00	57.44 1.29 0.00	50.91 1.10 0.00
GINNA___ 23603	44.74 -2.85 0.00	40.74 -2.69 0.00	39.08 -2.45 0.00	39.26 -2.33 0.00	39.65 -2.26 0.00	41.93 -2.39 0.00	55.51 -2.86 0.00	62.38 -3.35 0.00	57.01 -3.13 0.00	52.26 -2.46 0.00	49.91 -2.52 0.00	46.60 -1.99 0.00	44.53 -2.15 0.00	43.89 -1.92 0.00	42.63 -1.82 0.00	44.64 -1.96 0.00	46.72 -2.56 0.00	53.09 -3.03 0.00	60.45 -3.39 0.00	77.79 -4.79 0.00	77.06 -3.63 0.00	59.60 -2.94 0.00	53.34 -2.81 0.00	47.72 -2.09 0.00
GLEN PARK___ 23778	47.03 -0.57 0.00	42.99 -0.43 0.00	41.11 -0.42 0.00	41.21 -0.38 0.00	41.50 -0.42 0.00	44.19 -0.13 0.00	61.40 0.46 -2.57	69.04 0.46 -2.84	62.53 -0.24 -2.63	56.43 -0.71 -2.43	53.98 -0.78 -2.34	49.52 -1.07 -1.99	47.82 -0.98 -2.13	47.01 -0.96 -2.16	45.80 -0.76 -2.10	48.13 -0.65 -2.19	51.13 -0.44 -2.30	58.27 -0.17 -2.32	67.43 0.70 -2.89	88.64 2.40 -3.66	86.61 2.34 -3.59	66.76 1.37 -2.85	59.41 0.68 -2.59	52.44 0.30 -2.33
GLENDALE_27_KV_LOAD 356172	51.18 3.57 -0.01	46.52 3.08 -0.01	44.44 2.91 -0.01	44.42 2.83 -0.01	44.90 2.98 -0.01	48.15 3.50 -0.32	62.92 4.55 0.00	71.45 5.72 0.00	70.73 5.47 -5.12	65.19 5.09 -5.39	62.91 4.72 -5.77	61.41 4.33 -8.49	61.45 4.20 -10.58	60.33 3.94 -10.58	60.42 3.96 -12.01	59.22 4.10 -8.52	61.51 4.48 -7.74	66.15 4.77 -5.27	73.35 5.43 -4.09	89.60 7.02 0.00	87.14 6.45 0.00	67.04 4.50 0.00	60.41 4.27 0.00	58.17 3.69 -4.67
GLENWOOD_IC_1_G5 23712	51.09 3.47 -0.02	46.47 3.04 0.00	44.27 2.74 0.00	44.21 2.62 0.00	44.64 2.72 0.00	47.69 3.37 0.00	62.40 4.03 0.00	70.59 4.86 0.00	64.71 4.57 0.00	58.93 4.21 0.00	56.25 3.83 0.00	52.24 3.64 0.00	50.17 3.50 0.00	48.88 3.07 0.00	47.66 3.20 0.00	50.05 3.45 0.00	53.13 3.84 0.00	60.10 3.98 0.00	68.31 4.47 0.00	88.69 6.11 0.00	86.01 5.33 0.00	66.60 4.06 0.00	59.74 3.59 0.00	53.00 3.19 0.00
GLENWOOD_IC_2_G1 23688	50.84 3.24 0.00	46.21 2.78 0.00	43.93 2.41 0.00	44.21 2.62 0.00	44.47 2.56 0.00	47.43 3.10 0.00	62.11 3.74 0.00	70.33 4.60 0.00	64.53 4.39 0.00	58.77 4.05 0.00	56.14 3.72 0.00	52.15 3.55 0.00	49.99 3.31 0.00	48.84 3.02 0.00	47.43 2.98 0.00	49.86 3.26 0.00	52.93 3.65 0.00	59.88 3.76 0.00	68.12 4.28 0.00	88.36 5.78 0.00	85.69 5.00 0.00	66.22 3.69 0.00	59.51 3.37 0.00	52.80 2.99 0.00
GLENWOOD_IC_3_G1 23689	50.84 3.24 0.00	46.21 2.78 0.00	43.93 2.41 0.00	44.21 2.62 0.00	44.47 2.56 0.00	47.43 3.10 0.00	62.11 3.74 0.00	70.33 4.60 0.00	64.53 4.39 0.00	58.77 4.05 0.00	56.14 3.72 0.00	52.15 3.55 0.00	49.99 3.31 0.00	48.84 3.02 0.00	47.43 2.98 0.00	49.86 3.26 0.00	52.93 3.65 0.00	59.88 3.76 0.00	68.12 4.28 0.00	88.36 5.78 0.00	85.69 5.00 0.00	66.22 3.69 0.00	59.51 3.37 0.00	52.80 2.99 0.00
GLENWOOD___4 23550	51.09 3.47 -0.02	46.47 3.04 0.00	44.27 2.74 0.00	44.21 2.62 0.00	44.64 2.72 0.00	47.69 3.37 0.00	62.40 4.03 0.00	70.59 4.86 0.00	64.71 4.57 0.00	58.93 4.21 0.00	56.25 3.83 0.00	52.24 3.64 0.00	50.17 3.50 0.00	48.88 3.07 0.00	47.66 3.20 0.00	50.05 3.45 0.00	53.13 3.84 0.00	60.10 3.98 0.00	68.31 4.47 0.00	88.69 6.11 0.00	86.01 5.33 0.00	66.60 4.06 0.00	59.74 3.59 0.00	53.00 3.19 0.00
GLENWOOD___5 23614	51.09 3.47 -0.02	46.47 3.04 0.00	44.27 2.74 0.00	44.21 2.62 0.00	44.64 2.72 0.00	47.69 3.37 0.00	62.40 4.03 0.00	70.59 4.86 0.00	64.71 4.57 0.00	58.93 4.21 0.00	56.25 3.83 0.00	52.24 3.64 0.00	50.17 3.50 0.00	48.88 3.07 0.00	47.66 3.20 0.00	50.05 3.45 0.00	53.13 3.84 0.00	60.10 3.98 0.00	68.31 4.47 0.00	88.69 6.11 0.00	86.01 5.33 0.00	66.60 4.06 0.00	59.74 3.59 0.00	53.00 3.19 0.00
GLOBAL GREEN_PORT_GT1 23814	53.03 5.42 -0.01	47.42 3.99 0.00	44.35 2.83 0.00	45.00 3.41 0.00	44.68 2.77 0.00	48.27 3.94 0.00	62.05 3.68 0.00	70.20 4.47 0.00	64.17 4.03 0.00	58.22 3.50 0.00	55.15 2.72 0.00	51.17 2.57 0.00	48.12 1.45 0.00	46.32 0.50 0.00	45.30 0.84 0.00	48.04 1.45 0.00	51.15 1.87 0.00	58.08 1.96 0.00	66.13 2.29 0.00	86.30 3.72 0.00	83.03 2.34 0.00	64.53 2.00 0.00	57.94 1.80 0.00	51.81 1.99 0.00
GLOBE___DSASP 323697	44.55 -3.05 0.00	40.39 -3.04 0.00	39.20 -2.33 0.00	39.09 -2.50 0.00	39.15 -2.77 0.00	41.58 -2.75 0.00	54.98 -3.39 0.00	60.73 -5.00 0.00	48.59 -4.57 6.97	47.11 -3.50 4.10	47.47 -3.67 1.28	46.07 -2.53 0.00	43.41 -3.27 0.00	43.16 -2.66 0.00	41.79 -2.67 0.00	44.08 -2.52 0.00	45.83 -3.45 0.00	49.87 -4.83 1.42	53.22 -5.94 4.68	65.47 -8.92 8.19	74.47 -6.21 0.00	58.16 -4.38 0.00	52.66 -3.48 0.00	47.82 -1.99 0.00
GOETHSLN___LBMP 323567	50.60 3.00 0.00	45.95 2.52 0.00	43.94 2.41 0.00	43.92 2.33 0.00	44.39 2.47 0.00	47.30 2.97 0.00	62.34 3.97 0.00	70.59 4.86 0.00	64.83 4.69 0.00	59.15 4.43 0.00	56.56 4.14 0.00	52.39 3.79 0.00	50.36 3.69 0.00	49.20 3.39 0.00	47.88 3.42 0.00	50.14 3.54 0.00	53.18 3.89 0.00	60.16 4.04 0.00	68.37 4.53 0.00	88.44 5.86 0.00	86.01 5.33 0.00	66.29 3.75 0.00	59.63 3.48 0.00	52.85 3.04 0.00
GOLAH___69_KV_TB 1_2 80279	46.69 -0.90 0.00	42.39 -1.04 0.00	40.78 -0.75 0.00	40.88 -0.71 0.00	41.08 -0.84 0.00	43.70 -0.62 0.00	57.78 -0.58 0.00	64.74 -0.99 0.00	57.66 -1.14 1.33	53.27 -0.66 0.79	51.28 -0.89 0.25	48.26 -0.34 0.00	45.83 -0.84 0.00	45.31 -0.50 0.00	43.88 -0.58 0.00	46.13 -0.47 0.00	48.30 -0.99 0.00	54.39 -1.46 0.27	61.28 -1.66 0.89	78.54 -2.48 1.57	79.80 -0.89 0.00	61.85 -0.69 0.00	55.58 -0.56 0.00	49.91 0.10 0.00

GOODYEAR_LAKE_HYD 323669	49.60 2.00 0.00	45.38 1.95 0.00	43.40 1.87 0.00	43.58 2.00 0.00	43.93 2.01 0.00	46.45 2.13 0.00	61.52 3.15 0.00	69.15 3.42 0.00	63.27 3.13 0.00	57.40 2.68 0.00	54.99 2.57 0.00	50.93 2.33 0.00	48.96 2.29 0.00	48.01 2.20 0.00	46.59 2.13 0.00	48.83 2.24 0.00	51.75 2.46 0.00	58.92 2.81 0.00	67.09 3.26 0.00	86.88 4.29 0.00	84.88 4.20 0.00	65.66 3.13 0.00	58.90 2.75 0.00	52.25 2.44 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	47.84 0.24 0.00	43.65 0.22 0.00	41.78 0.25 0.00	41.88 0.29 0.00	42.25 0.34 0.00	44.81 0.49 0.00	59.24 0.88 0.00	66.52 0.79 0.00	60.86 0.72 0.00	55.43 0.71 0.00	53.00 0.58 0.00	49.23 0.63 0.00	47.09 0.42 0.00	46.32 0.50 0.00	44.94 0.49 0.00	47.11 0.51 0.00	49.73 0.44 0.00	56.45 0.34 0.00	64.16 0.32 0.00	82.66 0.08 0.00	81.41 0.73 0.00	63.03 0.50 0.00	56.65 0.51 0.00	50.51 0.70 0.00
GOUDEY___7 23579	47.84 0.24 0.00	43.65 0.22 0.00	41.78 0.25 0.00	41.88 0.29 0.00	42.25 0.34 0.00	44.81 0.49 0.00	59.24 0.88 0.00	66.52 0.79 0.00	60.86 0.72 0.00	55.43 0.71 0.00	53.00 0.58 0.00	49.23 0.63 0.00	47.09 0.42 0.00	46.32 0.50 0.00	44.94 0.49 0.00	47.11 0.51 0.00	49.73 0.44 0.00	56.45 0.34 0.00	64.16 0.32 0.00	82.66 0.08 0.00	81.41 0.73 0.00	63.03 0.50 0.00	56.65 0.51 0.00	50.51 0.70 0.00
GOUDEY___8 23580	47.84 0.24 0.00	43.65 0.22 0.00	41.78 0.25 0.00	41.88 0.29 0.00	42.25 0.34 0.00	44.81 0.49 0.00	59.24 0.88 0.00	66.52 0.79 0.00	60.86 0.72 0.00	55.43 0.71 0.00	53.00 0.58 0.00	49.23 0.63 0.00	47.09 0.42 0.00	46.32 0.50 0.00	44.94 0.49 0.00	47.11 0.51 0.00	49.73 0.44 0.00	56.45 0.34 0.00	64.16 0.32 0.00	82.66 0.08 0.00	81.41 0.73 0.00	63.03 0.50 0.00	56.65 0.51 0.00	50.51 0.70 0.00
GOWANUS_GT1_1 24077	57.25 3.76 -5.89	56.51 3.26 -9.83	56.59 3.07 -11.98	55.69 2.99 -11.11	55.74 3.14 -10.68	56.52 3.63 -8.56	63.05 4.67 -0.01	71.59 5.85 -0.01	101.80 5.59 -36.07	97.82 5.14 -37.96	97.81 4.77 -40.62	97.73 4.37 -44.75	97.77 4.25 -46.84	97.76 3.99 -47.96	97.90 4.00 -49.44	97.81 4.15 -47.07	97.82 4.53 -44.01	98.05 4.83 -37.11	98.13 5.49 -28.80	98.16 7.18 -8.40	98.06 6.62 -10.76	97.82 4.63 -30.66	97.83 4.38 -37.30	86.49 3.79 -32.90
GOWANUS_GT1_2 24078	57.25 3.76 -5.89	56.51 3.26 -9.83	56.59 3.07 -11.98	55.69 2.99 -11.11	55.74 3.14 -10.68	56.52 3.63 -8.56	63.05 4.67 -0.01	71.59 5.85 -0.01	101.80 5.59 -36.07	97.82 5.14 -37.96	97.81 4.77 -40.62	97.73 4.37 -44.75	97.77 4.25 -46.84	97.76 3.99 -47.96	97.90 4.00 -49.44	97.81 4.15 -47.07	97.82 4.53 -44.01	98.05 4.83 -37.11	98.13 5.49 -28.80	98.16 7.18 -8.40	98.06 6.62 -10.76	97.82 4.63 -30.66	97.83 4.38 -37.30	86.49 3.79 -32.90
GOWANUS_GT1_3 24079	57.25 3.76 -5.89	56.51 3.26 -9.83	56.59 3.07 -11.98	55.69 2.99 -11.11	55.74 3.14 -10.68	56.52 3.63 -8.56	63.05 4.67 -0.01	71.59 5.85 -0.01	101.80 5.59 -36.07	97.82 5.14 -37.96	97.81 4.77 -40.62	97.73 4.37 -44.75	97.77 4.25 -46.84	97.76 3.99 -47.96	97.90 4.00 -49.44	97.81 4.15 -47.07	97.82 4.53 -44.01	98.05 4.83 -37.11	98.13 5.49 -28.80	98.16 7.18 -8.40	98.06 6.62 -10.76	97.82 4.63 -30.66	97.83 4.38 -37.30	86.49 3.79 -32.90
GOWANUS_GT1_4 24080	57.25 3.76 -5.89	56.51 3.26 -9.83	56.59 3.07 -11.98	55.69 2.99 -11.11	55.74 3.14 -10.68	56.52 3.63 -8.56	63.05 4.67 -0.01	71.59 5.85 -0.01	101.80 5.59 -36.07	97.82 5.14 -37.96	97.81 4.77 -40.62	97.73 4.37 -44.75	97.77 4.25 -46.84	97.76 3.99 -47.96	97.90 4.00 -49.44	97.81 4.15 -47.07	97.82 4.53 -44.01	98.05 4.83 -37.11	98.13 5.49 -28.80	98.16 7.18 -8.40	98.06 6.62 -10.76	97.82 4.63 -30.66	97.83 4.38 -37.30	86.49 3.79 -32.90
GOWANUS_GT1_5 24084	57.25 3.76 -5.89	56.51 3.26 -9.83	56.59 3.07 -11.98	55.69 2.99 -11.11	55.74 3.14 -10.68	56.52 3.63 -8.56	63.05 4.67 -0.01	71.59 5.85 -0.01	101.80 5.59 -36.07	97.82 5.14 -37.96	97.81 4.77 -40.62	97.73 4.37 -44.75	97.77 4.25 -46.84	97.76 3.99 -47.96	97.90 4.00 -49.44	97.81 4.15 -47.07	97.82 4.53 -44.01	98.05 4.83 -37.11	98.13 5.49 -28.80	98.16 7.18 -8.40	98.06 6.62 -10.76	97.82 4.63 -30.66	97.83 4.38 -37.30	86.49 3.79 -32.90
GOWANUS_GT1_6 24111	57.25 3.76 -5.89	56.51 3.26 -9.83	56.59 3.07 -11.98	55.69 2.99 -11.11	55.74 3.14 -10.68	56.52 3.63 -8.56	63.05 4.67 -0.01	71.59 5.85 -0.01	101.80 5.59 -36.07	97.82 5.14 -37.96	97.81 4.77 -40.62	97.73 4.37 -44.75	97.77 4.25 -46.84	97.76 3.99 -47.96	97.90 4.00 -49.44	97.81 4.15 -47.07	97.82 4.53 -44.01	98.05 4.83 -37.11	98.13 5.49 -28.80	98.16 7.18 -8.40	98.06 6.62 -10.76	97.82 4.63 -30.66	97.83 4.38 -37.30	86.49 3.79 -32.90
GOWANUS_GT1_7 24112	57.25 3.76 -5.89	56.51 3.26 -9.83	56.59 3.07 -11.98	55.69 2.99 -11.11	55.74 3.14 -10.68	56.52 3.63 -8.56	63.05 4.67 -0.01	71.59 5.85 -0.01	101.80 5.59 -36.07	97.82 5.14 -37.96	97.81 4.77 -40.62	97.73 4.37 -44.75	97.77 4.25 -46.84	97.76 3.99 -47.96	97.90 4.00 -49.44	97.81 4.15 -47.07	97.82 4.53 -44.01	98.05 4.83 -37.11	98.13 5.49 -28.80	98.16 7.18 -8.40	98.06 6.62 -10.76	97.82 4.63 -30.66	97.83 4.38 -37.30	86.49 3.79 -32.90
GOWANUS_GT1_8 24113	57.25 3.76 -5.89	56.51 3.26 -9.83	56.59 3.07 -11.98	55.69 2.99 -11.11	55.74 3.14 -10.68	56.52 3.63 -8.56	63.05 4.67 -0.01	71.59 5.85 -0.01	101.80 5.59 -36.07	97.82 5.14 -37.96	97.81 4.77 -40.62	97.73 4.37 -44.75	97.77 4.25 -46.84	97.76 3.99 -47.96	97.90 4.00 -49.44	97.81 4.15 -47.07	97.82 4.53 -44.01	98.05 4.83 -37.11	98.13 5.49 -28.80	98.16 7.18 -8.40	98.06 6.62 -10.76	97.82 4.63 -30.66	97.83 4.38 -37.30	86.49 3.79 -32.90
GOWANUS_GT2_1 24114	57.25 3.76 -5.89	56.42 3.17 -9.83	56.46 2.95 -11.98	55.78 3.08 -11.11	55.74 3.15 -10.68	56.52 3.64 -8.56	63.05 4.67 -0.01	71.52 5.79 -0.01	101.80 5.59 -36.07	97.82 5.14 -37.96	97.81 4.77 -40.62	97.82 4.47 -44.75	97.81 4.29 -46.84	97.81 4.03 -47.96	97.81 3.91 -49.44	97.81 4.15 -47.07	97.82 4.53 -44.01	98.05 4.83 -37.11	98.06 5.42 -28.80	98.08 7.10 -8.40	98.06 6.62 -10.76	97.82 4.63 -30.66	97.83 4.38 -37.30	86.49 3.78 -32.90
GOWANUS_GT2_2 24115	57.25 3.76 -5.89	56.42 3.17 -9.83	56.46 2.95 -11.98	55.78 3.08 -11.11	55.74 3.15 -10.68	56.52 3.64 -8.56	63.05 4.67 -0.01	71.52 5.79 -0.01	101.80 5.59 -36.07	97.82 5.14 -37.96	97.81 4.77 -40.62	97.82 4.47 -44.75	97.81 4.29 -46.84	97.81 4.03 -47.96	97.81 3.91 -49.44	97.81 4.15 -47.07	97.82 4.53 -44.01	98.05 4.83 -37.11	98.06 5.42 -28.80	98.08 7.10 -8.40	98.06 6.62 -10.76	97.82 4.63 -30.66	97.83 4.38 -37.30	86.49 3.78 -32.90
GOWANUS_GT2_3 24116	57.25 3.76 -5.89	56.42 3.17 -9.83	56.46 2.95 -11.98	55.78 3.08 -11.11	55.74 3.15 -10.68	56.52 3.64 -8.56	63.05 4.67 -0.01	71.52 5.79 -0.01	101.80 5.59 -36.07	97.82 5.14 -37.96	97.81 4.77 -40.62	97.82 4.47 -44.75	97.81 4.29 -46.84	97.81 4.03 -47.96	97.81 3.91 -49.44	97.81 4.15 -47.07	97.82 4.53 -44.01	98.05 4.83 -37.11	98.06 5.42 -28.80	98.08 7.10 -8.40	98.06 6.62 -10.76	97.82 4.63 -30.66	97.83 4.38 -37.30	86.49 3.78 -32.90

GOWANUS_GT2_4 24117	57.25 3.76 -5.89	56.42 3.17 -9.83	56.46 2.95 -11.98	55.78 3.08 -11.11	55.74 3.15 -10.68	56.52 3.64 -8.56	63.05 4.67 -0.01	71.52 5.79 -0.01	101.80 5.59 -36.07	97.82 5.14 -37.96	97.81 4.77 -40.62	97.82 4.47 -44.75	97.81 4.29 -46.84	97.81 4.03 -47.96	97.81 3.91 -49.44	97.81 4.15 -47.07	97.82 4.53 -44.01	98.05 4.83 -37.11	98.06 5.42 -28.80	98.08 7.10 -8.40	98.06 6.62 -10.76	97.82 4.63 -30.66	97.83 4.38 -37.30	86.49 3.78 -32.90
GOWANUS_GT2_5 24118	57.25 3.76 -5.89	56.42 3.17 -9.83	56.46 2.95 -11.98	55.78 3.08 -11.11	55.74 3.15 -10.68	56.52 3.64 -8.56	63.05 4.67 -0.01	71.52 5.79 -0.01	101.80 5.59 -36.07	97.82 5.14 -37.96	97.81 4.77 -40.62	97.82 4.47 -44.75	97.81 4.29 -46.84	97.81 4.03 -47.96	97.81 3.91 -49.44	97.81 4.15 -47.07	97.82 4.53 -44.01	98.05 4.83 -37.11	98.06 5.42 -28.80	98.08 7.10 -8.40	98.06 6.62 -10.76	97.82 4.63 -30.66	97.83 4.38 -37.30	86.49 3.78 -32.90
GOWANUS_GT2_6 24119	57.25 3.76 -5.89	56.42 3.17 -9.83	56.46 2.95 -11.98	55.78 3.08 -11.11	55.74 3.15 -10.68	56.52 3.64 -8.56	63.05 4.67 -0.01	71.52 5.79 -0.01	101.80 5.59 -36.07	97.82 5.14 -37.96	97.81 4.77 -40.62	97.82 4.47 -44.75	97.81 4.29 -46.84	97.81 4.03 -47.96	97.81 3.91 -49.44	97.81 4.15 -47.07	97.82 4.53 -44.01	98.05 4.83 -37.11	98.06 5.42 -28.80	98.08 7.10 -8.40	98.06 6.62 -10.76	97.82 4.63 -30.66	97.83 4.38 -37.30	86.49 3.78 -32.90
GOWANUS_GT2_7 24120	57.25 3.76 -5.89	56.42 3.17 -9.83	56.46 2.95 -11.98	55.78 3.08 -11.11	55.74 3.15 -10.68	56.52 3.64 -8.56	63.05 4.67 -0.01	71.52 5.79 -0.01	101.80 5.59 -36.07	97.82 5.14 -37.96	97.81 4.77 -40.62	97.82 4.47 -44.75	97.81 4.29 -46.84	97.81 4.03 -47.96	97.81 3.91 -49.44	97.81 4.15 -47.07	97.82 4.53 -44.01	98.05 4.83 -37.11	98.06 5.42 -28.80	98.08 7.10 -8.40	98.06 6.62 -10.76	97.82 4.63 -30.66	97.83 4.38 -37.30	86.49 3.78 -32.90
GOWANUS_GT2_8 24121	57.25 3.76 -5.89	56.42 3.17 -9.83	56.46 2.95 -11.98	55.78 3.08 -11.11	55.74 3.15 -10.68	56.52 3.64 -8.56	63.05 4.67 -0.01	71.52 5.79 -0.01	101.80 5.59 -36.07	97.82 5.14 -37.96	97.81 4.77 -40.62	97.82 4.47 -44.75	97.81 4.29 -46.84	97.81 4.03 -47.96	97.81 3.91 -49.44	97.81 4.15 -47.07	97.82 4.53 -44.01	98.05 4.83 -37.11	98.06 5.42 -28.80	98.08 7.10 -8.40	98.06 6.62 -10.76	97.82 4.63 -30.66	97.83 4.38 -37.30	86.49 3.78 -32.90
GOWANUS_GT3_1 24122	57.25 3.76 -5.89	56.42 3.17 -9.83	56.46 2.95 -11.98	55.78 3.08 -11.11	55.74 3.15 -10.68	56.52 3.64 -8.56	63.05 4.67 -0.01	71.52 5.79 -0.01	101.80 5.59 -36.07	97.82 5.14 -37.96	97.81 4.77 -40.62	97.82 4.47 -44.75	97.81 4.29 -46.84	97.81 4.03 -47.96	97.81 3.91 -49.44	97.81 4.15 -47.07	97.82 4.53 -44.01	98.05 4.83 -37.11	98.06 5.42 -28.80	98.08 7.10 -8.40	98.06 6.62 -10.76	97.82 4.63 -30.66	97.83 4.38 -37.30	86.49 3.78 -32.90
GOWANUS_GT3_2 24123	57.25 3.76 -5.89	56.42 3.17 -9.83	56.46 2.95 -11.98	55.78 3.08 -11.11	55.74 3.15 -10.68	56.52 3.64 -8.56	63.05 4.67 -0.01	71.52 5.79 -0.01	101.80 5.59 -36.07	97.82 5.14 -37.96	97.81 4.77 -40.62	97.82 4.47 -44.75	97.81 4.29 -46.84	97.81 4.03 -47.96	97.81 3.91 -49.44	97.81 4.15 -47.07	97.82 4.53 -44.01	98.05 4.83 -37.11	98.06 5.42 -28.80	98.08 7.10 -8.40	98.06 6.62 -10.76	97.82 4.63 -30.66	97.83 4.38 -37.30	86.49 3.78 -32.90
GOWANUS_GT3_3 24124	57.25 3.76 -5.89	56.42 3.17 -9.83	56.46 2.95 -11.98	55.78 3.08 -11.11	55.74 3.15 -10.68	56.52 3.64 -8.56	63.05 4.67 -0.01	71.52 5.79 -0.01	101.80 5.59 -36.07	97.82 5.14 -37.96	97.81 4.77 -40.62	97.82 4.47 -44.75	97.81 4.29 -46.84	97.81 4.03 -47.96	97.81 3.91 -49.44	97.81 4.15 -47.07	97.82 4.53 -44.01	98.05 4.83 -37.11	98.06 5.42 -28.80	98.08 7.10 -8.40	98.06 6.62 -10.76	97.82 4.63 -30.66	97.83 4.38 -37.30	86.49 3.78 -32.90
GOWANUS_GT3_4 24125	57.25 3.76 -5.89	56.42 3.17 -9.83	56.46 2.95 -11.98	55.78 3.08 -11.11	55.74 3.15 -10.68	56.52 3.64 -8.56	63.05 4.67 -0.01	71.52 5.79 -0.01	101.80 5.59 -36.07	97.82 5.14 -37.96	97.81 4.77 -40.62	97.82 4.47 -44.75	97.81 4.29 -46.84	97.81 4.03 -47.96	97.81 3.91 -49.44	97.81 4.15 -47.07	97.82 4.53 -44.01	98.05 4.83 -37.11	98.06 5.42 -28.80	98.08 7.10 -8.40	98.06 6.62 -10.76	97.82 4.63 -30.66	97.83 4.38 -37.30	86.49 3.78 -32.90
GOWANUS_GT3_5 24126	57.25 3.76 -5.89	56.42 3.17 -9.83	56.46 2.95 -11.98	55.78 3.08 -11.11	55.74 3.15 -10.68	56.52 3.64 -8.56	63.05 4.67 -0.01	71.52 5.79 -0.01	101.80 5.59 -36.07	97.82 5.14 -37.96	97.81 4.77 -40.62	97.82 4.47 -44.75	97.81 4.29 -46.84	97.81 4.03 -47.96	97.81 3.91 -49.44	97.81 4.15 -47.07	97.82 4.53 -44.01	98.05 4.83 -37.11	98.06 5.42 -28.80	98.08 7.10 -8.40	98.06 6.62 -10.76	97.82 4.63 -30.66	97.83 4.38 -37.30	86.49 3.78 -32.90
GOWANUS_GT3_6 24127	57.25 3.76 -5.89	56.42 3.17 -9.83	56.46 2.95 -11.98	55.78 3.08 -11.11	55.74 3.15 -10.68	56.52 3.64 -8.56	63.05 4.67 -0.01	71.52 5.79 -0.01	101.80 5.59 -36.07	97.82 5.14 -37.96	97.81 4.77 -40.62	97.82 4.47 -44.75	97.81 4.29 -46.84	97.81 4.03 -47.96	97.81 3.91 -49.44	97.81 4.15 -47.07	97.82 4.53 -44.01	98.05 4.83 -37.11	98.06 5.42 -28.80	98.08 7.10 -8.40	98.06 6.62 -10.76	97.82 4.63 -30.66	97.83 4.38 -37.30	86.49 3.78 -32.90
GOWANUS_GT3_7 24128	57.25 3.76 -5.89	56.42 3.17 -9.83	56.46 2.95 -11.98	55.78 3.08 -11.11	55.74 3.15 -10.68	56.52 3.64 -8.56	63.05 4.67 -0.01	71.52 5.79 -0.01	101.80 5.59 -36.07	97.82 5.14 -37.96	97.81 4.77 -40.62	97.82 4.47 -44.75	97.81 4.29 -46.84	97.81 4.03 -47.96	97.81 3.91 -49.44	97.81 4.15 -47.07	97.82 4.53 -44.01	98.05 4.83 -37.11	98.06 5.42 -28.80	98.08 7.10 -8.40	98.06 6.62 -10.76	97.82 4.63 -30.66	97.83 4.38 -37.30	86.49 3.78 -32.90
GOWANUS_GT3_8 24129	57.25 3.76 -5.89	56.42 3.17 -9.83	56.46 2.95 -11.98	55.78 3.08 -11.11	55.74 3.15 -10.68	56.52 3.64 -8.56	63.05 4.67 -0.01	71.52 5.79 -0.01	101.80 5.59 -36.07	97.82 5.14 -37.96	97.81 4.77 -40.62	97.82 4.47 -44.75	97.81 4.29 -46.84	97.81 4.03 -47.96	97.81 3.91 -49.44	97.81 4.15 -47.07	97.82 4.53 -44.01	98.05 4.83 -37.11	98.06 5.42 -28.80	98.08 7.10 -8.40	98.06 6.62 -10.76	97.82 4.63 -30.66	97.83 4.38 -37.30	86.49 3.78 -32.90
GOWANUS_GT4_1 24130	57.25 3.76 -5.89	56.51 3.26 -9.83	56.59 3.07 -11.98	55.69 2.99 -11.11	55.74 3.14 -10.68	56.52 3.63 -8.56	63.05 4.67 -0.01	71.59 5.85 -0.01	101.80 5.59 -36.07	97.82 5.14 -37.96	97.81 4.77 -40.62	97.73 4.37 -44.75	97.77 4.25 -46.84	97.76 3.99 -47.96	97.90 4.00 -49.44	97.81 4.15 -47.07	97.82 4.53 -44.01	98.05 4.83 -37.11	98.13 5.49 -28.80	98.16 7.18 -8.40	98.06 6.62 -10.76	97.82 4.63 -30.66	97.83 4.38 -37.30	86.49 3.79 -32.90
GOWANUS_GT4_2 24131	57.25 3.76 -5.89	56.51 3.26 -9.83	56.59 3.07 -11.98	55.69 2.99 -11.11	55.74 3.14 -10.68	56.52 3.63 -8.56	63.05 4.67 -0.01	71.59 5.85 -0.01	101.80 5.59 -36.07	97.82 5.14 -37.96	97.81 4.77 -40.62	97.73 4.37 -44.75	97.77 4.25 -46.84	97.76 3.99 -47.96	97.90 4.00 -49.44	97.81 4.15 -47.07	97.82 4.53 -44.01	98.05 4.83 -37.11	98.13 5.49 -28.80	98.16 7.18 -8.40	98.06 6.62 -10.76	97.82 4.63 -30.66	97.83 4.38 -37.30	86.49 3.79 -32.90

GOWANUS_GT4_3 24132	57.25 3.76 -5.89	56.51 3.26 -9.83	56.59 3.07 -11.98	55.69 2.99 -11.11	55.74 3.14 -10.68	56.52 3.63 -8.56	63.05 4.67 -0.01	71.59 5.85 -0.01	101.80 5.59 -36.07	97.82 5.14 -37.96	97.81 4.77 -40.62	97.73 4.37 -44.75	97.77 4.25 -46.84	97.76 3.99 -47.96	97.90 4.00 -49.44	97.81 4.15 -47.07	97.82 4.53 -44.01	98.05 4.83 -37.11	98.13 5.49 -28.80	98.16 7.18 -8.40	98.06 6.62 -10.76	97.82 4.63 -30.66	97.83 4.38 -37.30	86.49 3.79 -32.90
GOWANUS_GT4_4 24133	57.25 3.76 -5.89	56.51 3.26 -9.83	56.59 3.07 -11.98	55.69 2.99 -11.11	55.74 3.14 -10.68	56.52 3.63 -8.56	63.05 4.67 -0.01	71.59 5.85 -0.01	101.80 5.59 -36.07	97.82 5.14 -37.96	97.81 4.77 -40.62	97.73 4.37 -44.75	97.77 4.25 -46.84	97.76 3.99 -47.96	97.90 4.00 -49.44	97.81 4.15 -47.07	97.82 4.53 -44.01	98.05 4.83 -37.11	98.13 5.49 -28.80	98.16 7.18 -8.40	98.06 6.62 -10.76	97.82 4.63 -30.66	97.83 4.38 -37.30	86.49 3.79 -32.90
GOWANUS_GT4_5 24134	57.25 3.76 -5.89	56.51 3.26 -9.83	56.59 3.07 -11.98	55.69 2.99 -11.11	55.74 3.14 -10.68	56.52 3.63 -8.56	63.05 4.67 -0.01	71.59 5.85 -0.01	101.80 5.59 -36.07	97.82 5.14 -37.96	97.81 4.77 -40.62	97.73 4.37 -44.75	97.77 4.25 -46.84	97.76 3.99 -47.96	97.90 4.00 -49.44	97.81 4.15 -47.07	97.82 4.53 -44.01	98.05 4.83 -37.11	98.13 5.49 -28.80	98.16 7.18 -8.40	98.06 6.62 -10.76	97.82 4.63 -30.66	97.83 4.38 -37.30	86.49 3.79 -32.90
GOWANUS_GT4_6 24135	57.25 3.76 -5.89	56.51 3.26 -9.83	56.59 3.07 -11.98	55.69 2.99 -11.11	55.74 3.14 -10.68	56.52 3.63 -8.56	63.05 4.67 -0.01	71.59 5.85 -0.01	101.80 5.59 -36.07	97.82 5.14 -37.96	97.81 4.77 -40.62	97.73 4.37 -44.75	97.77 4.25 -46.84	97.76 3.99 -47.96	97.90 4.00 -49.44	97.81 4.15 -47.07	97.82 4.53 -44.01	98.05 4.83 -37.11	98.13 5.49 -28.80	98.16 7.18 -8.40	98.06 6.62 -10.76	97.82 4.63 -30.66	97.83 4.38 -37.30	86.49 3.79 -32.90
GOWANUS_GT4_7 24136	57.25 3.76 -5.89	56.51 3.26 -9.83	56.59 3.07 -11.98	55.69 2.99 -11.11	55.74 3.14 -10.68	56.52 3.63 -8.56	63.05 4.67 -0.01	71.59 5.85 -0.01	101.80 5.59 -36.07	97.82 5.14 -37.96	97.81 4.77 -40.62	97.73 4.37 -44.75	97.77 4.25 -46.84	97.76 3.99 -47.96	97.90 4.00 -49.44	97.81 4.15 -47.07	97.82 4.53 -44.01	98.05 4.83 -37.11	98.13 5.49 -28.80	98.16 7.18 -8.40	98.06 6.62 -10.76	97.82 4.63 -30.66	97.83 4.38 -37.30	86.49 3.79 -32.90
GOWANUS_GT4_8 24137	57.25 3.76 -5.89	56.51 3.26 -9.83	56.59 3.07 -11.98	55.69 2.99 -11.11	55.74 3.14 -10.68	56.52 3.63 -8.56	63.05 4.67 -0.01	71.59 5.85 -0.01	101.80 5.59 -36.07	97.82 5.14 -37.96	97.81 4.77 -40.62	97.73 4.37 -44.75	97.77 4.25 -46.84	97.76 3.99 -47.96	97.90 4.00 -49.44	97.81 4.15 -47.07	97.82 4.53 -44.01	98.05 4.83 -37.11	98.13 5.49 -28.80	98.16 7.18 -8.40	98.06 6.62 -10.76	97.82 4.63 -30.66	97.83 4.38 -37.30	86.49 3.79 -32.90
GREENBSH_115KV_TB3 55895	48.17 0.57 0.00	44.08 0.65 0.00	42.19 0.66 0.00	42.25 0.67 0.00	42.67 0.75 0.00	45.12 0.80 0.00	59.13 0.76 0.00	66.58 0.85 0.00	60.98 0.84 0.00	55.43 0.71 0.00	53.15 0.73 0.00	49.18 0.58 0.00	47.33 0.65 0.00	46.36 0.55 0.00	45.03 0.58 0.00	47.11 0.51 0.00	49.97 0.69 0.00	57.02 0.90 0.00	64.86 1.02 0.00	83.99 1.40 0.00	81.65 0.97 0.00	63.28 0.75 0.00	56.76 0.62 0.00	50.26 0.45 0.00
GREENIDGE_115KV_TB5 80291	47.46 -0.14 0.00	43.21 -0.22 0.00	41.40 -0.12 0.00	41.55 -0.04 0.00	41.83 -0.08 0.00	44.59 0.27 0.00	58.72 0.35 0.00	66.06 0.33 0.00	71.65 -0.24 -11.75	61.58 -0.05 -6.92	54.32 -0.26 -2.16	48.99 0.39 0.00	46.67 0.00 0.00	46.00 0.18 0.00	44.59 0.13 0.00	46.78 0.19 0.00	49.33 0.05 0.00	58.11 -0.39 -2.39	71.21 -0.51 -7.88	94.65 -1.73 -13.80	79.96 -0.73 0.00	62.72 0.19 0.00	56.20 0.06 0.00	50.56 0.75 0.00
GREENIDGE___3 23582	47.46 -0.14 0.00	43.21 -0.22 0.00	41.40 -0.12 0.00	41.55 -0.04 0.00	41.83 -0.08 0.00	44.59 0.27 0.00	58.72 0.35 0.00	66.06 0.33 0.00	71.65 -0.24 -11.75	61.58 -0.05 -6.92	54.32 -0.26 -2.16	48.99 0.39 0.00	46.67 0.00 0.00	46.00 0.18 0.00	44.59 0.13 0.00	46.78 0.19 0.00	49.33 0.05 0.00	58.11 -0.39 -2.39	71.21 -0.51 -7.88	94.65 -1.73 -13.80	79.96 -0.73 0.00	62.72 0.19 0.00	56.20 0.06 0.00	50.56 0.75 0.00
GREENIDGE___4 23583	47.46 -0.14 0.00	43.21 -0.22 0.00	41.36 -0.17 0.00	41.55 -0.04 0.00	42.04 0.13 0.00	44.59 0.27 0.00	58.78 0.41 0.00	66.06 0.33 0.00	71.65 -0.24 -11.75	61.58 -0.05 -6.92	54.32 -0.26 -2.16	48.94 0.34 0.00	46.67 0.00 0.00	46.00 0.18 0.00	44.68 0.22 0.00	46.78 0.19 0.00	49.33 0.05 0.00	58.12 -0.39 -2.39	71.21 -0.51 -7.88	94.64 -1.74 -13.80	80.28 -0.40 0.00	62.79 0.25 0.00	56.20 0.06 0.00	50.56 0.75 0.00
GREENLWN_69_KV_BK 3 55738	51.37 3.76 -0.01	46.64 3.21 0.00	44.35 2.82 0.00	44.21 2.62 0.00	44.60 2.68 0.00	47.83 3.50 0.00	61.99 3.62 0.00	70.13 4.40 0.00	64.17 4.03 0.00	58.33 3.61 0.00	55.62 3.20 0.00	51.90 3.30 0.00	49.71 3.03 0.00	48.29 2.47 0.00	47.21 2.76 0.00	49.72 3.12 0.00	52.78 3.50 0.00	59.71 3.59 0.00	67.80 3.96 0.00	88.36 5.78 0.00	85.45 4.76 0.00	66.35 3.81 0.00	59.40 3.26 0.00	52.80 2.99 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	57.25 3.76 -5.89	56.51 3.26 -9.83	56.59 3.07 -11.98	55.69 2.99 -11.11	55.74 3.14 -10.68	56.52 3.63 -8.56	63.05 4.67 -0.01	71.59 5.85 -0.01	101.80 5.59 -36.07	97.82 5.14 -37.96	97.81 4.77 -40.62	97.73 4.37 -44.75	97.77 4.25 -46.84	97.76 3.99 -47.96	97.90 4.00 -49.44	97.81 4.15 -47.07	97.82 4.53 -44.01	98.05 4.83 -37.11	98.13 5.49 -28.80	98.16 7.18 -8.40	98.06 6.62 -10.76	97.82 4.63 -30.66	97.83 4.38 -37.30	86.49 3.79 -32.90
GRISSOM___SOLAR 323813	50.55 2.95 0.00	46.25 2.82 0.00	44.23 2.70 0.00	44.37 2.79 0.00	44.68 2.77 0.00	47.52 3.19 0.00	62.75 4.38 0.00	70.59 4.86 0.00	64.23 4.09 0.00	57.72 3.01 0.00	55.25 2.83 0.00	51.08 2.48 0.00	49.15 2.47 0.00	48.15 2.34 0.00	46.54 2.09 0.00	48.97 2.38 0.00	52.19 2.91 0.00	60.04 3.93 0.00	68.75 4.92 0.00	89.35 6.77 0.00	86.66 5.97 0.00	67.16 4.63 0.00	59.96 3.82 0.00	53.20 3.39 0.00
GROVEVILLE___HYD 323602	50.36 2.76 0.00	45.95 2.52 0.00	43.89 2.37 0.00	43.92 2.33 0.00	44.35 2.43 0.00	47.12 2.79 0.00	61.93 3.56 0.00	70.07 4.34 0.00	64.23 4.09 0.00	58.38 3.67 0.00	55.83 3.41 0.00	51.47 2.87 0.00	49.57 2.89 0.00	48.56 2.75 0.00	47.21 2.76 0.00	49.39 2.80 0.00	52.44 3.15 0.00	59.60 3.48 0.00	67.92 4.09 0.00	88.11 5.53 0.00	85.77 5.08 0.00	66.16 3.63 0.00	59.46 3.31 0.00	52.70 2.89 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	47.55 -0.05 0.00	43.39 -0.04 0.00	41.49 -0.04 0.00	41.63 0.04 0.00	41.92 0.00 0.00	44.50 0.18 0.00	58.84 0.47 0.00	66.32 0.59 0.00	60.68 0.54 0.00	55.26 0.55 0.00	52.95 0.52 0.00	49.13 0.53 0.00	47.09 0.42 0.00	46.32 0.50 0.00	44.90 0.44 0.00	47.11 0.51 0.00	49.73 0.44 0.00	56.62 0.51 0.00	64.41 0.57 0.00	83.24 0.66 0.00	81.57 0.89 0.00	63.10 0.56 0.00	56.54 0.39 0.00	50.11 0.30 0.00

HAMLTNNY_34_KV_TB 80303	47.60 0.00 0.00	43.39 -0.04 0.00	41.57 0.04 0.00	41.67 0.08 0.00	42.00 0.08 0.00	44.59 0.27 0.00	58.95 0.58 0.00	66.45 0.72 0.00	60.80 0.66 0.00	55.37 0.66 0.00	53.00 0.58 0.00	49.23 0.63 0.00	47.19 0.51 0.00	46.36 0.55 0.00	44.99 0.53 0.00	47.20 0.61 0.00	49.78 0.49 0.00	56.68 0.56 0.00	64.48 0.64 0.00	83.32 0.74 0.00	81.73 1.05 0.00	63.16 0.63 0.00	56.65 0.51 0.00	50.26 0.45 0.00
HAMPSHIRE___PAPER_HYD 323593	45.89 -1.71 0.00	41.91 -1.52 0.00	40.03 -1.49 0.00	40.01 -1.58 0.00	40.24 -1.68 0.00	42.55 -1.77 0.00	63.04 -2.04 -6.71	71.00 -2.17 -7.44	64.61 -2.41 -6.88	58.66 -2.41 -6.35	56.24 -2.31 -6.13	51.47 -2.33 -5.21	50.10 -2.15 -5.57	49.36 -2.11 -5.65	47.91 -2.04 -5.50	50.23 -2.10 -5.73	53.17 -2.12 -6.00	59.95 -2.19 -6.02	69.29 -2.11 -7.55	90.09 -2.06 -9.57	88.05 -2.01 -9.38	68.37 -1.63 -7.46	61.24 -1.68 -6.78	54.31 -1.60 -6.10
HARDSCRABBLE_WT_PWR 323673	46.22 -1.38 0.00	41.91 -1.52 0.00	39.70 -1.83 0.00	39.55 -2.04 0.00	39.65 -2.26 0.00	42.02 -2.31 0.00	55.45 -2.92 0.00	62.45 -3.28 0.00	56.95 -3.19 0.00	51.71 -3.01 0.00	49.69 -2.73 0.00	45.83 -2.77 0.00	44.11 -2.57 0.00	43.16 -2.66 0.00	41.88 -2.58 0.00	43.85 -2.75 0.00	46.37 -2.91 0.00	52.95 -3.26 -0.09	60.39 -3.45 0.00	78.70 -3.88 0.00	76.65 -4.03 0.00	59.35 -3.19 0.00	53.17 -2.98 0.00	47.02 -2.79 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	50.03 2.43 0.00	45.64 2.21 0.00	43.56 2.03 0.00	43.58 2.00 0.00	44.05 2.14 0.00	46.85 2.53 0.00	61.64 3.27 0.00	69.74 4.01 0.00	63.93 3.79 0.00	58.16 3.45 0.00	55.62 3.20 0.00	51.42 2.82 0.00	49.52 2.85 0.00	48.52 2.70 0.00	47.17 2.71 0.00	49.39 2.80 0.00	52.39 3.10 0.00	59.43 3.31 0.00	67.48 3.64 0.00	87.37 4.79 0.00	85.04 4.36 0.00	65.66 3.13 0.00	59.01 2.86 0.00	52.25 2.44 0.00
HARSNRAD_115KV_TB1 81005	45.12 -2.48 0.00	40.91 -2.52 0.00	39.58 -1.95 0.00	39.67 -1.91 0.00	39.65 -2.26 0.00	42.15 -2.17 0.00	55.80 -2.57 0.00	61.72 -4.01 0.00	48.17 -3.49 8.48	47.02 -2.68 5.01	47.97 -2.88 1.56	46.75 -1.85 0.00	43.87 -2.80 0.00	43.57 -2.24 0.00	42.19 -2.27 0.00	44.59 -2.00 0.00	46.42 -2.86 0.00	50.35 -4.04 1.72	53.24 -4.92 5.69	65.11 -7.51 9.96	75.84 -4.84 0.00	59.16 -3.38 0.00	53.51 -2.64 0.00	48.57 -1.25 0.00
HARZA MOOSE___RIVER 24016	47.55 -0.05 0.00	43.43 0.00 0.00	41.53 0.00 0.00	41.63 0.04 0.00	41.92 0.00 0.00	44.50 0.18 0.00	60.87 0.58 -1.92	68.58 0.72 -2.12	62.46 0.36 -1.96	56.64 0.11 -1.81	54.27 0.10 -1.75	49.99 -0.10 -1.49	48.27 0.00 -1.59	47.38 -0.05 -1.61	46.07 0.04 -1.57	48.33 0.09 -1.63	51.24 0.25 -1.71	58.29 0.39 -1.78	66.89 0.89 -2.16	87.13 1.82 -2.73	85.06 1.69 -2.68	65.73 1.06 -2.13	58.75 0.67 -1.93	52.05 0.50 -1.74
HDSNBRDG_115KV_BRDG_TB1 355580	47.26 -0.33 0.00	43.12 -0.30 0.00	41.28 -0.25 0.00	41.38 -0.21 0.00	41.71 -0.21 0.00	44.24 -0.09 0.00	58.43 0.06 0.00	65.86 0.13 0.00	60.26 0.12 0.00	54.94 0.22 0.00	52.58 0.16 0.00	48.84 0.24 0.00	46.86 0.19 0.00	46.00 0.18 0.00	44.63 0.18 0.00	46.83 0.23 0.00	49.43 0.15 0.00	56.23 0.11 0.00	63.97 0.13 0.00	82.66 0.08 0.00	81.01 0.32 0.00	62.66 0.13 0.00	56.14 0.00 0.00	49.81 0.00 0.00
HELLGATE_13_KV_LD 55870	50.99 3.38 -0.01	46.35 2.91 -0.01	44.32 2.78 -0.01	44.30 2.70 -0.01	44.77 2.85 -0.01	47.97 3.32 -0.32	62.63 4.26 0.00	71.12 5.39 0.00	70.43 5.17 -5.12	64.92 4.82 -5.38	62.69 4.51 -5.76	61.21 4.13 -8.48	61.26 4.01 -10.57	60.14 3.76 -10.57	60.19 3.73 -12.00	59.03 3.91 -8.52	61.26 4.24 -7.74	65.87 4.49 -5.26	72.96 5.04 -4.08	89.11 6.52 0.00	86.66 5.97 0.00	66.72 4.19 0.00	60.13 3.99 0.00	57.96 3.49 -4.66
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	50.99 3.38 -0.01	46.35 2.91 -0.01	44.32 2.78 -0.01	44.30 2.70 -0.01	44.77 2.85 -0.01	47.97 3.32 -0.32	62.63 4.26 0.00	71.12 5.39 0.00	70.43 5.17 -5.12	64.92 4.82 -5.38	62.69 4.51 -5.76	61.21 4.13 -8.48	61.26 4.01 -10.57	60.14 3.76 -10.57	60.19 3.73 -12.00	59.03 3.91 -8.52	61.26 4.24 -7.74	65.87 4.49 -5.26	72.96 5.04 -4.08	89.11 6.52 0.00	86.66 5.97 0.00	66.72 4.19 0.00	60.13 3.99 0.00	57.96 3.49 -4.66
HEMPSTEAD____ 23647	51.08 3.47 -0.01	46.34 2.91 0.00	43.93 2.41 0.00	44.29 2.70 0.00	44.43 2.51 0.00	47.61 3.28 0.00	61.87 3.50 0.00	70.07 4.34 0.00	64.17 4.03 0.00	58.38 3.67 0.00	55.67 3.25 0.00	51.91 3.31 0.00	49.62 2.94 0.00	48.42 2.61 0.00	47.03 2.58 0.00	49.67 3.07 0.00	52.73 3.45 0.00	59.54 3.42 0.00	67.80 3.96 0.00	88.11 5.53 0.00	85.28 4.60 0.00	66.10 3.56 0.00	59.34 3.20 0.00	52.70 2.89 0.00
HEWLETT_69_KV_BK3 55828	51.47 3.86 -0.01	46.73 3.30 0.00	44.48 2.95 0.00	44.37 2.79 0.00	44.77 2.85 0.00	47.96 3.63 0.00	62.40 4.03 0.00	70.53 4.80 0.00	64.59 4.45 0.00	58.77 4.05 0.00	55.99 3.56 0.00	52.20 3.60 0.00	49.99 3.31 0.00	48.61 2.79 0.00	47.48 3.02 0.00	49.95 3.36 0.00	53.08 3.79 0.00	59.99 3.87 0.00	68.18 4.34 0.00	88.77 6.19 0.00	85.93 5.24 0.00	66.72 4.19 0.00	59.85 3.71 0.00	53.15 3.34 0.00
HICKLING___1 23621	47.26 -0.33 0.00	43.04 -0.39 0.00	41.28 -0.25 0.00	41.34 -0.25 0.00	41.71 -0.21 0.00	44.41 0.09 0.00	58.84 0.47 0.00	65.93 0.20 0.00	64.52 -0.06 -4.44	57.39 0.05 -2.62	53.08 -0.16 -0.82	48.84 0.24 0.00	46.44 -0.23 0.00	45.77 -0.05 0.00	44.37 -0.09 0.00	46.55 -0.05 0.00	48.99 -0.30 0.00	56.40 -0.62 -0.90	65.99 -0.83 -2.98	86.31 -1.49 -5.22	80.52 -0.16 0.00	62.47 -0.06 0.00	56.20 0.06 0.00	50.41 0.60 0.00
HICKLING___2 23622	47.26 -0.33 0.00	43.04 -0.39 0.00	41.28 -0.25 0.00	41.34 -0.25 0.00	41.71 -0.21 0.00	44.41 0.09 0.00	58.84 0.47 0.00	65.93 0.20 0.00	64.52 -0.06 -4.44	57.39 0.05 -2.62	53.08 -0.16 -0.82	48.84 0.24 0.00	46.44 -0.23 0.00	45.77 -0.05 0.00	44.37 -0.09 0.00	46.55 -0.05 0.00	48.99 -0.30 0.00	56.40 -0.62 -0.90	65.99 -0.83 -2.98	86.31 -1.49 -5.22	80.52 -0.16 0.00	62.47 -0.06 0.00	56.20 0.06 0.00	50.41 0.60 0.00
HIGH FALLS___HY 23754	50.22 2.62 0.00	45.82 2.39 0.00	43.77 2.24 0.00	43.79 2.20 0.00	44.22 2.31 0.00	46.98 2.66 0.00	61.87 3.50 0.00	69.87 4.14 0.00	63.99 3.85 0.00	58.16 3.45 0.00	55.51 3.09 0.00	51.27 2.67 0.00	49.38 2.71 0.00	48.38 2.57 0.00	47.08 2.62 0.00	49.30 2.70 0.00	52.34 3.06 0.00	59.54 3.42 0.00	67.73 3.89 0.00	87.87 5.29 0.00	85.69 5.00 0.00	66.04 3.50 0.00	59.34 3.20 0.00	52.55 2.74 0.00
HIGH_RIVER___SOLAR 323847	49.60 2.00 0.00	45.29 1.87 0.00	43.35 1.83 0.00	43.46 1.87 0.00	43.80 1.89 0.00	46.45 2.13 0.00	61.23 2.86 0.00	68.69 2.96 0.00	62.66 2.53 0.00	56.42 1.70 0.00	53.94 1.52 0.00	49.86 1.26 0.00	48.03 1.35 0.00	47.09 1.28 0.00	45.61 1.15 0.00	47.99 1.40 0.00	51.05 1.77 0.00	58.70 2.58 0.00	67.09 3.25 0.00	86.96 4.37 0.00	84.56 3.87 0.00	65.54 3.00 0.00	58.61 2.47 0.00	52.00 2.19 0.00

HILLBURN___GT 23639	50.17 2.57 0.00	45.69 2.26 0.00	43.56 2.03 0.00	43.71 2.12 0.00	44.09 2.18 0.00	46.90 2.57 0.00	61.75 3.38 0.00	69.94 4.21 0.00	64.11 3.97 0.00	58.38 3.67 0.00	55.88 3.46 0.00	51.71 3.11 0.00	49.71 3.03 0.00	48.70 2.89 0.00	47.26 2.80 0.00	49.54 2.94 0.00	52.53 3.25 0.00	59.43 3.31 0.00	67.47 3.64 0.00	87.37 4.79 0.00	84.96 4.27 0.00	65.60 3.06 0.00	58.95 2.81 0.00	52.25 2.44 0.00
HILLSIDE_115KV_TB1 80332	46.88 -0.71 0.00	42.73 -0.69 0.00	40.95 -0.58 0.00	41.00 -0.58 0.00	41.41 -0.50 0.00	44.02 -0.31 0.00	58.31 -0.06 0.00	65.27 -0.46 0.00	62.97 -0.60 -3.43	56.30 -0.44 -2.02	52.42 -0.63 -0.63	48.31 -0.29 0.00	46.02 -0.65 0.00	45.36 -0.46 0.00	43.97 -0.49 0.00	46.13 -0.47 0.00	48.59 -0.69 0.00	55.69 -1.12 -0.70	64.67 -1.47 -2.30	84.14 -2.48 -4.03	79.48 -1.21 0.00	61.72 -0.81 0.00	55.53 -0.62 0.00	49.81 0.00 0.00
HISHELDN_WT_PWR 323625	44.74 -2.85 0.00	40.65 -2.78 0.00	39.12 -2.41 0.00	39.26 -2.33 0.00	39.82 -2.09 0.00	41.89 -2.44 0.00	55.45 -2.92 0.00	61.46 -4.27 0.00	15.83 -4.15 40.16	27.51 -3.56 23.65	41.42 -3.62 7.38	45.83 -2.77 0.00	43.31 -3.36 0.00	42.93 -2.88 0.00	41.83 -2.62 0.00	43.80 -2.79 0.00	45.78 -3.50 0.00	43.52 -4.43 8.17	31.86 -5.04 26.94	28.31 -7.10 47.17	76.09 -4.60 0.00	59.72 -2.81 0.00	53.79 -2.36 0.00	48.71 -1.10 0.00
HOLTSVILLE_IC_1 23690	51.70 4.09 -0.01	46.51 3.08 0.00	43.77 2.24 0.00	44.33 2.74 0.00	44.26 2.35 0.00	47.56 3.23 0.00	61.11 2.74 0.00	69.15 3.42 0.00	63.32 3.19 0.00	57.56 2.84 0.00	54.89 2.46 0.00	51.17 2.57 0.00	48.59 1.91 0.00	47.24 1.42 0.00	46.01 1.56 0.00	48.79 2.19 0.00	51.84 2.56 0.00	58.70 2.58 0.00	66.78 2.94 0.00	86.96 4.37 0.00	83.83 3.14 0.00	65.16 2.63 0.00	58.56 2.41 0.00	52.00 2.19 0.00
HOLTSVILLE_IC_10 23699	51.94 4.33 -0.01	46.69 3.26 0.00	43.89 2.37 0.00	44.50 2.91 0.00	44.39 2.47 0.00	47.74 3.41 0.00	61.40 3.03 0.00	69.47 3.74 0.00	63.57 3.43 0.00	57.78 3.06 0.00	55.15 2.72 0.00	51.32 2.72 0.00	48.73 2.05 0.00	47.37 1.56 0.00	46.19 1.73 0.00	48.97 2.38 0.00	52.09 2.81 0.00	58.98 2.86 0.00	67.16 3.32 0.00	87.45 4.87 0.00	84.32 3.63 0.00	65.54 3.00 0.00	58.89 2.75 0.00	52.25 2.44 0.00
HOLTSVILLE_IC_2 23691	51.70 4.09 -0.01	46.51 3.08 0.00	43.77 2.24 0.00	44.33 2.74 0.00	44.26 2.35 0.00	47.56 3.23 0.00	61.11 2.74 0.00	69.15 3.42 0.00	63.32 3.19 0.00	57.56 2.84 0.00	54.89 2.46 0.00	51.17 2.57 0.00	48.59 1.91 0.00	47.24 1.42 0.00	46.01 1.56 0.00	48.79 2.19 0.00	51.84 2.56 0.00	58.70 2.58 0.00	66.78 2.94 0.00	86.96 4.37 0.00	83.83 3.14 0.00	65.16 2.63 0.00	58.56 2.41 0.00	52.00 2.19 0.00
HOLTSVILLE_IC_3 23692	51.70 4.09 -0.01	46.51 3.08 0.00	43.77 2.24 0.00	44.33 2.74 0.00	44.26 2.35 0.00	47.56 3.23 0.00	61.11 2.74 0.00	69.15 3.42 0.00	63.32 3.19 0.00	57.56 2.84 0.00	54.89 2.46 0.00	51.17 2.57 0.00	48.59 1.91 0.00	47.24 1.42 0.00	46.01 1.56 0.00	48.79 2.19 0.00	51.84 2.56 0.00	58.70 2.58 0.00	66.78 2.94 0.00	86.96 4.37 0.00	83.83 3.14 0.00	65.16 2.63 0.00	58.56 2.41 0.00	52.00 2.19 0.00
HOLTSVILLE_IC_4 23693	51.70 4.09 -0.01	46.51 3.08 0.00	43.77 2.24 0.00	44.33 2.74 0.00	44.26 2.35 0.00	47.56 3.23 0.00	61.11 2.74 0.00	69.15 3.42 0.00	63.32 3.19 0.00	57.56 2.84 0.00	54.89 2.46 0.00	51.17 2.57 0.00	48.59 1.91 0.00	47.24 1.42 0.00	46.01 1.56 0.00	48.79 2.19 0.00	51.84 2.56 0.00	58.70 2.58 0.00	66.78 2.94 0.00	86.96 4.37 0.00	83.83 3.14 0.00	65.16 2.63 0.00	58.56 2.41 0.00	52.00 2.19 0.00
HOLTSVILLE_IC_5 23694	51.70 4.09 -0.01	46.51 3.08 0.00	43.77 2.24 0.00	44.33 2.74 0.00	44.26 2.35 0.00	47.56 3.23 0.00	61.11 2.74 0.00	69.15 3.42 0.00	63.32 3.19 0.00	57.56 2.84 0.00	54.89 2.46 0.00	51.17 2.57 0.00	48.59 1.91 0.00	47.24 1.42 0.00	46.01 1.56 0.00	48.79 2.19 0.00	51.84 2.56 0.00	58.70 2.58 0.00	66.78 2.94 0.00	86.96 4.37 0.00	83.83 3.14 0.00	65.16 2.63 0.00	58.56 2.41 0.00	52.00 2.19 0.00
HOLTSVILLE_IC_6 23695	51.94 4.33 -0.01	46.69 3.26 0.00	43.89 2.37 0.00	44.50 2.91 0.00	44.39 2.47 0.00	47.74 3.41 0.00	61.40 3.03 0.00	69.47 3.74 0.00	63.57 3.43 0.00	57.78 3.06 0.00	55.15 2.72 0.00	51.32 2.72 0.00	48.73 2.05 0.00	47.37 1.56 0.00	46.19 1.73 0.00	48.97 2.38 0.00	52.09 2.81 0.00	58.98 2.86 0.00	67.16 3.32 0.00	87.45 4.87 0.00	84.32 3.63 0.00	65.54 3.00 0.00	58.89 2.75 0.00	52.25 2.44 0.00
HOLTSVILLE_IC_7 23696	51.94 4.33 -0.01	46.69 3.26 0.00	43.89 2.37 0.00	44.50 2.91 0.00	44.39 2.47 0.00	47.74 3.41 0.00	61.40 3.03 0.00	69.47 3.74 0.00	63.57 3.43 0.00	57.78 3.06 0.00	55.15 2.72 0.00	51.32 2.72 0.00	48.73 2.05 0.00	47.37 1.56 0.00	46.19 1.73 0.00	48.97 2.38 0.00	52.09 2.81 0.00	58.98 2.86 0.00	67.16 3.32 0.00	87.45 4.87 0.00	84.32 3.63 0.00	65.54 3.00 0.00	58.89 2.75 0.00	52.25 2.44 0.00
HOLTSVILLE_IC_8 23697	51.94 4.33 -0.01	46.69 3.26 0.00	43.89 2.37 0.00	44.50 2.91 0.00	44.39 2.47 0.00	47.74 3.41 0.00	61.40 3.03 0.00	69.47 3.74 0.00	63.57 3.43 0.00	57.78 3.06 0.00	55.15 2.72 0.00	51.32 2.72 0.00	48.73 2.05 0.00	47.37 1.56 0.00	46.19 1.73 0.00	48.97 2.38 0.00	52.09 2.81 0.00	58.98 2.86 0.00	67.16 3.32 0.00	87.45 4.87 0.00	84.32 3.63 0.00	65.54 3.00 0.00	58.89 2.75 0.00	52.25 2.44 0.00
HOLTSVILLE_IC_9 23698	51.94 4.33 -0.01	46.69 3.26 0.00	43.89 2.37 0.00	44.50 2.91 0.00	44.39 2.47 0.00	47.74 3.41 0.00	61.40 3.03 0.00	69.47 3.74 0.00	63.57 3.43 0.00	57.78 3.06 0.00	55.15 2.72 0.00	51.32 2.72 0.00	48.73 2.05 0.00	47.37 1.56 0.00	46.19 1.73 0.00	48.97 2.38 0.00	52.09 2.81 0.00	58.98 2.86 0.00	67.16 3.32 0.00	87.45 4.87 0.00	84.32 3.63 0.00	65.54 3.00 0.00	58.89 2.75 0.00	52.25 2.44 0.00
HOMER_HL_115KV_TB2 355744	46.27 -1.33 0.00	42.04 -1.39 0.00	40.45 -1.08 0.00	40.46 -1.12 0.00	40.78 -1.13 0.00	43.39 -0.93 0.00	57.73 -0.64 0.00	63.89 -1.84 0.00	58.28 -1.86 0.00	53.19 -1.53 0.00	50.59 -1.83 0.00	47.48 -1.12 0.00	44.85 -1.82 0.00	44.44 -1.37 0.00	43.03 -1.42 0.00	44.78 -1.82 0.00	46.92 -2.37 0.00	52.75 -3.37 0.00	59.69 -4.15 0.00	76.22 -6.36 0.00	76.73 -3.95 0.00	59.60 -2.94 0.00	54.46 -1.68 0.00	49.61 -0.20 0.00
HOWARD_WT_PWR 323690	46.12 -1.48 0.00	41.91 -1.52 0.00	40.16 -1.37 0.00	40.30 -1.29 0.00	40.83 -1.09 0.00	43.31 -1.02 0.00	57.43 -0.94 0.00	64.22 -1.51 0.00	83.37 -1.86 -25.10	67.69 -1.80 -14.78	55.04 -1.99 -4.61	47.14 -1.46 0.00	44.72 -1.96 0.00	44.17 -1.65 0.00	42.90 -1.56 0.00	44.78 -1.82 0.00	47.12 -2.17 0.00	58.58 -2.64 -5.10	77.99 -2.68 -16.83	108.35 -3.71 -29.48	78.91 -1.78 0.00	61.47 -1.06 0.00	55.14 -1.01 0.00	49.66 -0.15 0.00

HQ_GEN_CEDARS 23644	47.22 -0.38 0.00	43.04 -0.39 0.00	41.07 -0.46 0.00	40.96 -0.62 0.00	41.20 -0.71 0.00	43.35 -0.98 0.00	60.35 -1.28 -3.27	67.97 -1.38 -3.62	61.98 -1.50 -3.35	56.49 -1.31 -3.09	54.14 -1.26 -2.98	49.92 -1.21 -2.53	48.36 -1.03 -2.71	47.56 -1.01 -2.75	46.06 -1.07 -2.68	48.22 -1.16 -2.79	50.92 -1.28 -2.92	56.80 -1.46 -2.15	65.92 -1.60 -3.68	85.01 -2.23 -4.66	83.15 -2.10 -4.56	65.10 -1.06 -3.63	58.54 -0.90 -3.30	52.03 -0.75 -2.97
HQ_GEN_CEDARS_PROXY 323590	47.22 -0.38 0.00	43.04 -0.39 0.00	41.07 -0.46 0.00	40.96 -0.62 0.00	41.20 -0.71 0.00	43.35 -0.98 0.00	60.35 -1.28 -3.27	67.97 -1.38 -3.62	61.98 -1.50 -3.35	56.49 -1.31 -3.09	54.14 -1.26 -2.98	49.97 -1.17 -2.53	48.36 -1.03 -2.71	47.56 -1.01 -2.75	46.02 -1.11 -2.68	48.22 -1.16 -2.79	50.92 -1.28 -2.92	56.80 -1.46 -2.15	68.48 -1.59 -6.23	82.45 -2.23 -2.10	83.24 -2.01 -4.56	65.10 -1.06 -3.63	58.54 -0.90 -3.30	52.03 -0.75 -2.97
HQ_GEN_IMPORT 323601	47.22 -0.38 0.00	43.04 -0.39 0.00	41.11 -0.42 0.00	41.09 -0.50 0.00	41.37 -0.55 0.00	43.61 -0.71 0.00	57.38 -0.99 0.00	64.68 -1.05 0.00	59.06 -1.08 0.00	53.73 -0.98 0.00	51.48 -0.94 0.00	47.73 -0.87 0.00	45.88 -0.79 0.00	45.03 -0.78 0.00	43.66 -0.80 0.00	45.76 -0.84 0.00	48.40 -0.89 0.00	54.87 -1.07 0.18	65.25 -1.15 -2.56	78.54 -1.48 2.56	79.31 -1.37 0.00	61.60 -0.94 0.00	55.36 -0.79 0.00	49.11 -0.70 0.00
HQ_GEN_WHEEL 23651	47.22 -0.38 0.00	43.04 -0.39 0.00	41.11 -0.42 0.00	41.09 -0.50 0.00	41.37 -0.55 0.00	43.61 -0.71 0.00	57.38 -0.99 0.00	64.68 -1.05 0.00	59.06 -1.08 0.00	53.73 -0.98 0.00	51.48 -0.94 0.00	47.73 -0.87 0.00	45.88 -0.79 0.00	45.03 -0.78 0.00	43.66 -0.80 0.00	45.76 -0.84 0.00	48.40 -0.89 0.00	54.87 -1.07 0.18	65.25 -1.15 -2.56	78.54 -1.48 2.56	79.31 -1.37 0.00	61.60 -0.94 0.00	55.36 -0.79 0.00	49.11 -0.70 0.00
HUDSON AVE_GT_3 23810	50.79 3.19 0.00	46.16 2.74 0.00	44.10 2.57 0.00	44.08 2.50 0.00	44.56 2.64 0.00	47.47 3.15 0.00	62.57 4.20 0.00	70.92 5.19 0.00	65.13 4.99 0.00	59.37 4.65 0.00	56.77 4.35 0.00	52.58 3.99 0.00	50.55 3.87 0.00	49.39 3.57 0.00	48.06 3.60 0.00	50.33 3.73 0.00	53.37 4.09 0.00	60.44 4.32 0.00	68.69 4.85 0.00	88.94 6.36 0.00	86.41 5.73 0.00	66.66 4.13 0.00	59.91 3.76 0.00	53.10 3.29 0.00
HUDSON AVE_GT_4 23540	50.79 3.19 0.00	46.16 2.74 0.00	44.10 2.57 0.00	44.08 2.50 0.00	44.56 2.64 0.00	47.47 3.15 0.00	62.57 4.20 0.00	70.92 5.19 0.00	65.13 4.99 0.00	59.37 4.65 0.00	56.77 4.35 0.00	52.58 3.99 0.00	50.55 3.87 0.00	49.39 3.57 0.00	48.06 3.60 0.00	50.33 3.73 0.00	53.37 4.09 0.00	60.44 4.32 0.00	68.69 4.85 0.00	88.94 6.36 0.00	86.41 5.73 0.00	66.66 4.13 0.00	59.91 3.76 0.00	53.10 3.29 0.00
HUDSON AVE_GT_5 23657	50.79 3.19 0.00	46.16 2.74 0.00	44.10 2.57 0.00	44.08 2.50 0.00	44.56 2.64 0.00	47.47 3.15 0.00	62.57 4.20 0.00	70.92 5.19 0.00	65.13 4.99 0.00	59.37 4.65 0.00	56.77 4.35 0.00	52.58 3.99 0.00	50.55 3.87 0.00	49.39 3.57 0.00	48.06 3.60 0.00	50.33 3.73 0.00	53.37 4.09 0.00	60.44 4.32 0.00	68.69 4.85 0.00	88.94 6.36 0.00	86.41 5.73 0.00	66.66 4.13 0.00	59.91 3.76 0.00	53.10 3.29 0.00
HUDSON_AVE_10 24168	50.64 3.05 0.00	46.03 2.61 0.00	43.98 2.45 0.00	44.00 2.41 0.00	44.43 2.51 0.00	47.38 3.06 0.00	62.45 4.09 0.00	70.79 5.06 0.00	65.01 4.87 0.00	59.26 4.54 0.00	56.56 4.14 0.00	52.44 3.84 0.00	50.41 3.73 0.00	49.25 3.44 0.00	47.97 3.51 0.00	50.28 3.68 0.00	53.32 4.04 0.00	60.38 4.26 0.00	68.63 4.79 0.00	88.86 6.28 0.00	86.33 5.65 0.00	66.60 4.06 0.00	59.85 3.71 0.00	53.00 3.19 0.00
HUDSON___115KV_TB 4 355613	49.03 1.43 0.00	44.91 1.48 0.00	42.94 1.41 0.00	43.04 1.46 0.00	43.43 1.51 0.00	45.97 1.64 0.00	60.29 1.93 0.00	67.77 2.04 0.00	61.88 1.74 0.00	55.98 1.26 0.00	53.52 1.10 0.00	49.43 0.83 0.00	47.56 0.89 0.00	46.64 0.82 0.00	45.26 0.80 0.00	47.44 0.84 0.00	50.37 1.08 0.00	57.80 1.68 0.00	66.01 2.17 0.00	85.72 3.14 0.00	83.35 2.66 0.00	64.54 2.00 0.00	57.83 1.68 0.00	51.26 1.44 0.00
HUNTER MOUNT___DRP 323613	49.17 1.57 0.00	45.08 1.65 0.00	43.11 1.58 0.00	43.21 1.62 0.00	43.55 1.63 0.00	46.14 1.82 0.00	60.47 2.10 0.00	67.90 2.17 0.00	61.88 1.74 0.00	55.92 1.20 0.00	53.42 1.00 0.00	49.28 0.68 0.00	47.47 0.79 0.00	46.55 0.73 0.00	45.17 0.71 0.00	47.34 0.75 0.00	50.32 1.03 0.00	57.91 1.80 0.00	66.14 2.30 0.00	85.97 3.39 0.00	83.59 2.90 0.00	64.72 2.19 0.00	58.05 1.91 0.00	51.50 1.69 0.00
HUNTINGTON_RES_REC 323705	51.65 4.04 -0.01	46.64 3.21 0.00	44.02 2.49 0.00	44.50 2.91 0.00	44.47 2.56 0.00	47.78 3.46 0.00	61.75 3.38 0.00	69.87 4.14 0.00	63.87 3.73 0.00	58.06 3.34 0.00	55.35 2.93 0.00	51.61 3.01 0.00	49.19 2.52 0.00	47.88 2.06 0.00	46.63 2.18 0.00	49.39 2.80 0.00	52.48 3.20 0.00	59.43 3.31 0.00	67.73 3.89 0.00	88.11 5.53 0.00	85.04 4.35 0.00	66.03 3.50 0.00	59.29 3.14 0.00	52.60 2.79 0.00
HUNTLEY___63 23557	45.65 -1.95 0.00	41.34 -2.08 0.00	40.03 -1.49 0.00	40.05 -1.54 0.00	40.07 -1.84 0.00	42.55 -1.77 0.00	56.38 -1.98 0.00	62.38 -3.35 0.00	50.60 -3.01 6.54	48.68 -2.19 3.85	48.75 -2.46 1.20	47.19 -1.41 0.00	44.57 -2.10 0.00	44.30 -1.51 0.00	42.85 -1.60 0.00	45.11 -1.49 0.00	46.92 -2.37 0.00	51.31 -3.48 1.33	55.18 -4.28 4.38	68.05 -6.85 7.68	76.57 -4.11 0.00	59.66 -2.88 0.00	53.95 -2.19 0.00	48.96 -0.85 0.00
HUNTLEY___64 23558	45.65 -1.95 0.00	41.34 -2.08 0.00	40.03 -1.49 0.00	40.05 -1.54 0.00	40.07 -1.84 0.00	42.55 -1.77 0.00	56.38 -1.98 0.00	62.38 -3.35 0.00	50.60 -3.01 6.54	48.68 -2.19 3.85	48.75 -2.46 1.20	47.19 -1.41 0.00	44.57 -2.10 0.00	44.30 -1.51 0.00	42.85 -1.60 0.00	45.11 -1.49 0.00	46.92 -2.37 0.00	51.31 -3.48 1.33	55.18 -4.28 4.38	68.05 -6.85 7.68	76.57 -4.11 0.00	59.66 -2.88 0.00	53.95 -2.19 0.00	48.96 -0.85 0.00
HUNTLEY___65 23559	45.65 -1.95 0.00	41.34 -2.08 0.00	40.03 -1.49 0.00	40.05 -1.54 0.00	40.07 -1.84 0.00	42.55 -1.77 0.00	56.38 -1.98 0.00	62.38 -3.35 0.00	50.60 -3.01 6.54	48.68 -2.19 3.85	48.75 -2.46 1.20	47.19 -1.41 0.00	44.57 -2.10 0.00	44.30 -1.51 0.00	42.85 -1.60 0.00	45.11 -1.49 0.00	46.92 -2.37 0.00	51.31 -3.48 1.33	55.18 -4.28 4.38	68.05 -6.85 7.68	76.57 -4.11 0.00	59.66 -2.88 0.00	53.95 -2.19 0.00	48.96 -0.85 0.00
HUNTLEY___66 23560	45.65 -1.95 0.00	41.34 -2.08 0.00	40.03 -1.49 0.00	40.05 -1.54 0.00	40.07 -1.84 0.00	42.55 -1.77 0.00	56.38 -1.98 0.00	62.38 -3.35 0.00	50.60 -3.01 6.54	48.68 -2.19 3.85	48.75 -2.46 1.20	47.19 -1.41 0.00	44.57 -2.10 0.00	44.30 -1.51 0.00	42.85 -1.60 0.00	45.11 -1.49 0.00	46.92 -2.37 0.00	51.31 -3.48 1.33	55.18 -4.28 4.38	68.05 -6.85 7.68	76.57 -4.11 0.00	59.66 -2.88 0.00	53.95 -2.19 0.00	48.96 -0.85 0.00

HUNTLEY___67 23561	45.46 -2.14 0.00	41.21 -2.21 0.00	39.82 -1.70 0.00	39.88 -1.71 0.00	39.95 -1.97 0.00	42.42 -1.91 0.00	56.15 -2.22 0.00	62.11 -3.62 0.00	50.53 -3.25 6.36	48.57 -2.41 3.74	48.63 -2.62 1.17	46.95 -1.65 0.00	44.29 -2.38 0.00	43.98 -1.83 0.00	42.59 -1.87 0.00	44.92 -1.68 0.00	46.77 -2.51 0.00	51.18 -3.65 1.29	55.04 -4.53 4.26	68.01 -7.10 7.47	76.17 -4.52 0.00	59.35 -3.19 0.00	53.79 -2.36 0.00	48.81 -1.00 0.00
HUNTLEY___68 23562	45.46 -2.14 0.00	41.21 -2.21 0.00	39.82 -1.70 0.00	39.88 -1.71 0.00	39.95 -1.97 0.00	42.42 -1.91 0.00	56.15 -2.22 0.00	62.11 -3.62 0.00	50.53 -3.25 6.36	48.57 -2.41 3.74	48.63 -2.62 1.17	46.95 -1.65 0.00	44.29 -2.38 0.00	43.98 -1.83 0.00	42.59 -1.87 0.00	44.92 -1.68 0.00	46.77 -2.51 0.00	51.18 -3.65 1.29	55.04 -4.53 4.26	68.01 -7.10 7.47	76.17 -4.52 0.00	59.35 -3.19 0.00	53.79 -2.36 0.00	48.81 -1.00 0.00
HYLAND___LFGE 323620	47.93 0.34 0.00	43.56 0.13 0.00	41.82 0.29 0.00	42.05 0.46 0.00	42.55 0.63 0.00	45.12 0.80 0.00	59.94 1.58 0.00	66.72 0.99 0.00	87.27 -0.30 -27.43	69.99 -0.88 -16.15	56.15 -1.31 -5.04	47.63 -0.97 0.00	45.18 -1.50 0.00	44.62 -1.19 0.00	43.48 -0.98 0.00	45.76 -0.84 0.00	48.25 -1.04 0.00	60.91 -0.79 -5.58	82.43 0.19 -18.40	115.71 0.91 -32.22	83.59 2.90 0.00	64.66 2.13 0.00	57.66 1.52 0.00	51.81 1.99 0.00
INDECK___CORINTH 23802	49.93 2.33 0.00	45.69 2.26 0.00	43.69 2.16 0.00	43.83 2.24 0.00	44.14 2.22 0.00	46.90 2.57 0.00	61.87 3.50 0.00	69.81 4.08 0.00	63.81 3.67 0.00	57.72 3.01 0.00	55.35 2.93 0.00	51.27 2.67 0.00	49.19 2.52 0.00	48.10 2.29 0.00	46.59 2.13 0.00	48.93 2.33 0.00	51.99 2.71 0.00	59.54 3.42 0.00	67.98 4.15 0.00	88.27 5.69 0.00	85.45 4.76 0.00	66.22 3.69 0.00	59.12 2.97 0.00	52.40 2.59 0.00
INDECK___ILION 23567	46.27 -1.33 0.00	41.95 -1.48 0.00	39.74 -1.79 0.00	39.59 -2.00 0.00	39.74 -2.18 0.00	42.11 -2.22 0.00	55.57 -2.80 0.00	62.57 -3.16 0.00	57.07 -3.07 0.00	51.82 -2.90 0.00	49.80 -2.62 0.00	45.97 -2.62 0.00	44.20 -2.47 0.00	43.29 -2.52 0.00	42.01 -2.45 0.00	43.99 -2.61 0.00	46.52 -2.76 0.00	53.06 -3.14 -0.09	60.58 -3.26 0.00	79.03 -3.55 0.00	76.97 -3.71 0.00	59.53 -3.00 0.00	53.28 -2.86 0.00	47.17 -2.64 0.00
INDECK___OLEAN 23982	46.27 -1.33 0.00	42.04 -1.39 0.00	40.32 -1.21 0.00	40.47 -1.12 0.00	41.16 -0.75 0.00	43.39 -0.93 0.00	57.78 -0.58 0.00	63.89 -1.84 0.00	58.27 -1.86 0.00	53.19 -1.53 0.00	50.58 -1.84 0.00	47.39 -1.21 0.00	44.85 -1.82 0.00	44.44 -1.37 0.00	43.21 -1.24 0.00	44.78 -1.82 0.00	46.92 -2.36 0.00	52.75 -3.37 0.00	59.75 -4.09 0.00	76.22 -6.36 0.00	76.73 -3.95 0.00	59.91 -2.62 0.00	54.46 -1.68 0.00	49.61 -0.20 0.00
INDECK___OSWEGO 23783	46.65 -0.95 0.00	42.56 -0.87 0.00	40.74 -0.79 0.00	40.84 -0.75 0.00	41.20 -0.71 0.00	43.66 -0.66 0.00	57.67 -0.70 0.00	64.94 -0.79 0.00	59.36 -0.78 0.00	54.06 -0.65 0.00	51.74 -0.68 0.00	48.02 -0.58 0.00	45.98 -0.70 0.00	45.27 -0.55 0.00	43.92 -0.53 0.00	46.04 -0.56 0.00	48.69 -0.59 0.00	55.45 -0.67 0.00	63.14 -0.70 0.00	81.67 -0.91 0.00	79.96 -0.73 0.00	61.91 -0.63 0.00	55.47 -0.67 0.00	49.16 -0.65 0.00
INDECK___YERKES 23781	45.64 -1.95 0.00	41.39 -2.04 0.00	39.95 -1.58 0.00	40.13 -1.46 0.00	40.74 -1.17 0.00	42.60 -1.73 0.00	56.50 -1.87 0.00	62.45 -3.28 0.00	50.66 -2.95 6.54	48.73 -2.13 3.85	48.81 -2.41 1.20	47.09 -1.51 0.00	44.62 -2.05 0.00	44.30 -1.51 0.00	43.16 -1.29 0.00	45.15 -1.44 0.00	46.97 -2.32 0.00	51.36 -3.43 1.33	55.24 -4.22 4.38	68.13 -6.77 7.68	76.73 -3.95 0.00	60.09 -2.44 0.00	54.01 -2.13 0.00	49.01 -0.80 0.00
INDIAN POINT_GT_1 24139	50.12 2.52 0.00	45.69 2.26 0.00	43.65 2.12 0.00	43.67 2.08 0.00	44.14 2.22 0.00	46.90 2.57 0.00	61.70 3.33 0.00	69.87 4.14 0.00	64.11 3.97 0.00	58.33 3.61 0.00	55.83 3.41 0.00	51.66 3.06 0.00	49.71 3.03 0.00	48.61 2.79 0.00	47.30 2.85 0.00	49.53 2.94 0.00	52.53 3.25 0.00	59.49 3.37 0.00	67.54 3.70 0.00	87.45 4.87 0.00	85.04 4.36 0.00	65.72 3.19 0.00	59.01 2.86 0.00	52.30 2.49 0.00
INDIAN POINT_GT_2 23659	50.12 2.52 0.00	45.69 2.26 0.00	43.65 2.12 0.00	43.67 2.08 0.00	44.14 2.22 0.00	46.90 2.57 0.00	61.70 3.33 0.00	69.87 4.14 0.00	64.11 3.97 0.00	58.33 3.61 0.00	55.83 3.41 0.00	51.66 3.06 0.00	49.71 3.03 0.00	48.61 2.79 0.00	47.30 2.85 0.00	49.53 2.94 0.00	52.53 3.25 0.00	59.49 3.37 0.00	67.54 3.70 0.00	87.45 4.87 0.00	85.04 4.36 0.00	65.72 3.19 0.00	59.01 2.86 0.00	52.30 2.49 0.00
INDIAN POINT_GT_3 24019	50.12 2.52 0.00	45.69 2.26 0.00	43.65 2.12 0.00	43.67 2.08 0.00	44.14 2.22 0.00	46.90 2.57 0.00	61.70 3.33 0.00	69.87 4.14 0.00	64.11 3.97 0.00	58.33 3.61 0.00	55.83 3.41 0.00	51.66 3.06 0.00	49.71 3.03 0.00	48.61 2.79 0.00	47.30 2.85 0.00	49.53 2.94 0.00	52.53 3.25 0.00	59.49 3.37 0.00	67.54 3.70 0.00	87.45 4.87 0.00	85.04 4.36 0.00	65.72 3.19 0.00	59.01 2.86 0.00	52.30 2.49 0.00
INDIAN POINT___2 23530	50.02 2.43 0.00	45.56 2.13 0.00	43.48 1.95 0.00	43.62 2.04 0.00	44.01 2.09 0.00	46.76 2.44 0.00	61.52 3.15 0.00	69.74 4.01 0.00	63.93 3.79 0.00	58.17 3.45 0.00	55.67 3.25 0.00	51.56 2.96 0.00	49.57 2.89 0.00	48.52 2.70 0.00	47.08 2.62 0.00	49.39 2.80 0.00	52.34 3.06 0.00	59.26 3.14 0.00	67.22 3.38 0.00	87.04 4.46 0.00	84.72 4.03 0.00	65.35 2.82 0.00	58.78 2.64 0.00	52.10 2.29 0.00
INDIAN POINT___3 23531	50.17 2.57 0.00	45.69 2.26 0.00	43.65 2.12 0.00	43.67 2.08 0.00	44.14 2.22 0.00	46.94 2.62 0.00	61.75 3.39 0.00	69.94 4.21 0.00	64.11 3.97 0.00	58.38 3.67 0.00	55.88 3.46 0.00	51.71 3.11 0.00	49.75 3.08 0.00	48.65 2.84 0.00	47.34 2.89 0.00	49.58 2.98 0.00	52.53 3.25 0.00	59.49 3.37 0.00	67.54 3.70 0.00	87.45 4.87 0.00	85.04 4.36 0.00	65.66 3.13 0.00	59.01 2.86 0.00	52.30 2.49 0.00
INGHAM_C_115KV_TB7 356103	45.98 -1.62 0.00	41.69 -1.74 0.00	39.49 -2.03 0.00	39.34 -2.25 0.00	39.49 -2.43 0.00	41.84 -2.48 0.00	55.16 -3.21 0.00	62.11 -3.62 0.00	56.65 -3.49 0.00	51.43 -3.28 0.00	49.43 -2.99 0.00	45.59 -3.01 0.00	43.87 -2.80 0.00	42.93 -2.89 0.00	41.65 -2.80 0.00	43.62 -2.98 0.00	46.13 -3.15 0.00	52.67 -3.54 -0.09	60.07 -3.77 0.00	78.37 -4.21 0.00	76.33 -4.36 0.00	59.09 -3.44 0.00	52.89 -3.26 0.00	46.82 -2.99 0.00
IP CORINTH___1 23988	49.93 2.33 0.00	45.69 2.26 0.00	43.73 2.20 0.00	43.83 2.25 0.00	44.14 2.22 0.00	46.90 2.57 0.00	61.87 3.50 0.00	69.81 4.08 0.00	63.81 3.67 0.00	57.73 3.01 0.00	55.36 2.94 0.00	51.27 2.67 0.00	49.19 2.52 0.00	48.10 2.29 0.00	46.59 2.13 0.00	48.93 2.33 0.00	51.99 2.71 0.00	59.54 3.42 0.00	67.99 4.15 0.00	88.28 5.70 0.00	85.45 4.76 0.00	66.22 3.69 0.00	59.12 2.98 0.00	52.40 2.59 0.00

IP__TICONDEROGA 23804	51.02 3.43 0.00	46.82 3.39 0.00	44.81 3.28 0.00	44.91 3.33 0.00	45.14 3.23 0.00	48.18 3.86 0.00	63.74 5.37 0.00	71.97 6.24 0.00	65.49 5.35 0.00	58.99 4.27 0.00	56.56 4.14 0.00	52.44 3.84 0.00	50.22 3.55 0.00	48.97 3.16 0.00	47.30 2.85 0.00	49.81 3.22 0.00	53.03 3.75 0.00	60.89 4.77 0.00	69.84 6.00 0.00	91.09 8.51 0.00	87.79 7.10 0.00	68.10 5.57 0.00	60.52 4.38 0.00	53.80 3.98 0.00
ISLIP_RES_REC 323679	52.08 4.47 -0.01	46.82 3.39 0.00	44.06 2.53 0.00	44.66 3.08 0.00	44.52 2.60 0.00	47.91 3.59 0.00	61.69 3.33 0.00	69.81 4.08 0.00	63.87 3.73 0.00	58.06 3.34 0.00	55.35 2.93 0.00	51.51 2.92 0.00	48.91 2.24 0.00	47.51 1.70 0.00	46.32 1.87 0.00	49.16 2.56 0.00	52.29 3.01 0.00	59.26 3.14 0.00	67.54 3.70 0.00	87.87 5.29 0.00	84.72 4.03 0.00	65.85 3.31 0.00	59.12 2.97 0.00	52.50 2.69 0.00
JAMAICA__27_KV_LOAD 355505	50.64 3.05 0.00	46.03 2.61 0.00	43.98 2.45 0.00	43.96 2.37 0.00	44.39 2.47 0.00	47.38 3.06 0.00	62.57 4.20 0.00	71.05 5.32 0.00	65.19 5.05 0.00	59.31 4.60 0.00	56.46 4.04 0.00	52.49 3.89 0.00	50.41 3.73 0.00	49.20 3.39 0.00	48.01 3.56 0.00	50.37 3.77 0.00	53.47 4.19 0.00	60.61 4.49 0.00	69.01 5.17 0.00	89.52 6.94 0.00	86.90 6.21 0.00	66.91 4.38 0.00	60.13 3.99 0.00	53.20 3.39 0.00
JANIS__SOLAR 323808	49.50 1.91 0.00	45.17 1.74 0.00	43.15 1.62 0.00	43.29 1.71 0.00	43.68 1.76 0.00	46.45 2.13 0.00	61.81 3.44 0.00	69.34 3.61 0.00	64.75 2.71 -1.90	57.86 2.03 -1.12	54.50 1.73 -0.35	50.11 1.51 0.00	48.03 1.35 0.00	47.19 1.37 0.00	45.88 1.42 0.00	48.18 1.59 0.00	51.11 1.82 0.00	58.81 2.30 -0.39	68.37 3.25 -1.27	89.60 4.79 -2.23	85.77 5.09 0.00	66.16 3.63 0.00	59.12 2.97 0.00	52.45 2.64 0.00
JARVIS____ 23743	47.74 0.14 0.00	43.60 0.17 0.00	41.69 0.17 0.00	41.75 0.17 0.00	42.08 0.17 0.00	44.55 0.22 0.00	58.66 0.29 0.00	66.06 0.33 0.00	60.44 0.30 0.00	54.94 0.22 0.00	52.68 0.26 0.00	48.79 0.20 0.00	46.91 0.23 0.00	46.00 0.18 0.00	44.68 0.22 0.00	46.83 0.23 0.00	49.58 0.30 0.00	56.55 0.34 -0.09	64.29 0.45 0.00	83.24 0.66 0.00	81.17 0.49 0.00	62.91 0.38 0.00	56.43 0.28 0.00	50.06 0.25 0.00
JENNISON__1 23625	49.69 2.09 0.00	45.43 2.00 0.00	43.44 1.91 0.00	43.58 2.00 0.00	43.89 1.97 0.00	46.63 2.30 0.00	61.99 3.62 0.00	69.61 3.88 0.00	63.45 3.31 0.00	57.51 2.79 0.00	55.09 2.67 0.00	51.03 2.43 0.00	48.96 2.29 0.00	48.06 2.24 0.00	46.68 2.22 0.00	49.02 2.42 0.00	51.84 2.56 0.00	58.98 2.86 0.00	67.41 3.57 0.00	87.54 4.95 0.00	85.85 5.16 0.00	66.22 3.69 0.00	59.34 3.20 0.00	52.70 2.89 0.00
JENNISON__2 23626	49.69 2.09 0.00	45.43 2.00 0.00	43.44 1.91 0.00	43.58 2.00 0.00	43.89 1.97 0.00	46.63 2.30 0.00	61.99 3.62 0.00	69.61 3.88 0.00	63.45 3.31 0.00	57.51 2.79 0.00	55.09 2.67 0.00	51.03 2.43 0.00	48.96 2.29 0.00	48.06 2.24 0.00	46.68 2.22 0.00	49.02 2.42 0.00	51.84 2.56 0.00	58.98 2.86 0.00	67.41 3.57 0.00	87.54 4.95 0.00	85.85 5.16 0.00	66.22 3.69 0.00	59.34 3.20 0.00	52.70 2.89 0.00
JERICO_RISE_WT_PWR 323719	47.22 -0.38 0.00	42.86 -0.57 0.00	40.78 -0.75 0.00	40.38 -1.21 0.00	40.20 -1.72 0.00	41.93 -2.39 0.00	-10.00 -3.32 65.04	-10.00 -3.62 72.11	-10.00 -3.49 66.65	-10.00 -3.17 61.54	-10.00 -3.04 59.38	-4.72 -2.87 50.45	-10.00 -2.66 54.02	-11.54 -2.56 54.79	-11.42 -2.58 53.30	-11.65 -2.75 55.50	-11.83 -2.91 58.20	-12.29 -3.26 65.16	-13.08 -3.70 73.21	-14.70 -4.54 92.74	-14.54 -4.36 90.87	-13.00 -3.25 72.28	-12.39 -2.86 65.68	-11.85 -2.54 59.13
KATONAH__115KV_46KV_TB4 355592	50.45 2.86 0.00	45.95 2.52 0.00	43.94 2.41 0.00	44.00 2.41 0.00	44.39 2.47 0.00	47.21 2.88 0.00	62.10 3.74 0.00	70.33 4.60 0.00	64.53 4.39 0.00	58.71 3.99 0.00	56.20 3.77 0.00	52.00 3.40 0.00	50.08 3.41 0.00	48.97 3.16 0.00	47.66 3.20 0.00	49.86 3.26 0.00	52.93 3.65 0.00	59.99 3.87 0.00	68.24 4.40 0.00	88.36 5.78 0.00	86.01 5.33 0.00	66.35 3.81 0.00	59.51 3.37 0.00	52.70 2.89 0.00
KCE_NY_1 323755	49.69 2.09 0.00	45.47 2.04 0.00	43.48 1.95 0.00	43.62 2.04 0.00	43.93 2.01 0.00	46.63 2.30 0.00	61.34 2.98 0.00	69.15 3.42 0.00	63.26 3.13 0.00	57.29 2.57 0.00	54.94 2.52 0.00	50.88 2.28 0.00	48.82 2.15 0.00	47.78 1.97 0.00	46.32 1.87 0.00	48.65 2.05 0.00	51.65 2.37 0.00	59.03 2.92 0.00	67.35 3.51 0.00	87.29 4.70 0.00	84.72 4.03 0.00	65.66 3.13 0.00	58.73 2.58 0.00	52.10 2.29 0.00
KCE_NY_6_ESR 323823	45.93 -1.67 0.00	41.65 -1.78 0.00	40.12 -1.41 0.00	40.30 -1.29 0.00	40.91 -1.01 0.00	42.86 -1.46 0.00	56.97 -1.40 0.00	62.91 -2.82 0.00	52.08 -2.58 5.47	49.64 -1.86 3.21	49.27 -2.15 1.00	47.29 -1.31 0.00	44.72 -1.96 0.00	44.39 -1.42 0.00	43.26 -1.20 0.00	45.34 -1.26 0.00	47.21 -2.07 0.00	51.86 -3.14 1.11	56.34 -3.83 3.67	69.87 -6.28 6.43	77.14 -3.55 0.00	60.34 -2.19 0.00	54.35 -1.80 0.00	49.41 -0.40 0.00
KEDC_PORT_JEFF_GT2 24210	51.89 4.29 -0.01	46.69 3.26 0.00	43.93 2.41 0.00	44.50 2.91 0.00	44.39 2.47 0.00	47.74 3.41 0.00	61.46 3.09 0.00	69.54 3.81 0.00	63.44 3.31 0.00	57.67 2.95 0.00	54.99 2.57 0.00	51.22 2.62 0.00	48.82 2.15 0.00	47.42 1.60 0.00	46.24 1.78 0.00	49.02 2.42 0.00	52.14 2.86 0.00	59.03 2.92 0.00	67.28 3.44 0.00	87.29 4.70 0.00	84.15 3.47 0.00	65.60 3.06 0.00	58.89 2.75 0.00	52.30 2.49 0.00
KEDC_PORT_JEFF_GT3 24211	51.89 4.29 -0.01	46.69 3.26 0.00	43.93 2.41 0.00	44.50 2.91 0.00	44.39 2.47 0.00	47.74 3.41 0.00	61.46 3.09 0.00	69.54 3.81 0.00	63.44 3.31 0.00	57.67 2.95 0.00	54.99 2.57 0.00	51.22 2.62 0.00	48.82 2.15 0.00	47.42 1.60 0.00	46.24 1.78 0.00	49.02 2.42 0.00	52.14 2.86 0.00	59.03 2.92 0.00	67.28 3.44 0.00	87.29 4.70 0.00	84.15 3.47 0.00	65.60 3.06 0.00	58.89 2.75 0.00	52.30 2.49 0.00
KEDC_GLWD_GT4 24219	51.14 3.52 -0.02	46.42 2.99 0.00	44.15 2.62 0.00	44.42 2.83 0.00	44.64 2.72 0.00	47.69 3.37 0.00	62.34 3.97 0.00	70.59 4.86 0.00	64.71 4.57 0.00	58.93 4.21 0.00	56.25 3.82 0.00	52.34 3.74 0.00	50.13 3.45 0.00	48.97 3.16 0.00	47.52 3.07 0.00	50.05 3.45 0.00	53.13 3.85 0.00	60.10 3.98 0.00	68.37 4.53 0.00	88.78 6.20 0.00	86.01 5.32 0.00	66.54 4.01 0.00	59.79 3.65 0.00	53.00 3.19 0.00
KEDC_GLWD_GT5 24220	51.14 3.52 -0.02	46.42 2.99 0.00	44.15 2.62 0.00	44.42 2.83 0.00	44.64 2.72 0.00	47.69 3.37 0.00	62.34 3.97 0.00	70.59 4.86 0.00	64.71 4.57 0.00	58.93 4.21 0.00	56.25 3.82 0.00	52.34 3.74 0.00	50.13 3.45 0.00	48.97 3.16 0.00	47.52 3.07 0.00	50.05 3.45 0.00	53.13 3.85 0.00	60.10 3.98 0.00	68.37 4.53 0.00	88.78 6.20 0.00	86.01 5.32 0.00	66.54 4.01 0.00	59.79 3.65 0.00	53.00 3.19 0.00

KENSICO____ 23655	50.41 2.81 0.00	45.90 2.48 0.00	43.85 2.33 0.00	43.87 2.29 0.00	44.31 2.39 0.00	47.16 2.84 0.00	62.05 3.68 0.00	70.27 4.54 0.00	64.47 4.33 0.00	58.71 3.99 0.00	56.20 3.77 0.00	52.00 3.40 0.00	50.03 3.36 0.00	48.93 3.12 0.00	47.57 3.11 0.00	49.81 3.22 0.00	52.83 3.55 0.00	59.88 3.76 0.00	67.99 4.15 0.00	88.03 5.45 0.00	85.61 4.92 0.00	66.10 3.56 0.00	59.40 3.26 0.00	52.65 2.84 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	50.12 2.52 0.00	45.77 2.35 0.00	43.69 2.16 0.00	43.75 2.16 0.00	44.18 2.26 0.00	46.90 2.57 0.00	61.75 3.39 0.00	69.74 4.01 0.00	63.81 3.67 0.00	58.00 3.28 0.00	55.36 2.94 0.00	51.13 2.53 0.00	49.24 2.57 0.00	48.24 2.43 0.00	46.90 2.45 0.00	49.16 2.56 0.00	52.14 2.86 0.00	59.37 3.25 0.00	67.60 3.77 0.00	87.78 5.20 0.00	85.53 4.84 0.00	65.91 3.38 0.00	59.23 3.09 0.00	52.50 2.69 0.00
KIAC_JFK_GT1 23816	50.36 2.76 0.00	45.77 2.35 0.00	43.77 2.24 0.00	43.75 2.16 0.00	44.18 2.26 0.00	47.16 2.84 0.00	62.22 3.85 0.00	70.59 4.86 0.00	64.83 4.69 0.00	58.99 4.27 0.00	56.14 3.72 0.00	52.20 3.60 0.00	50.13 3.45 0.00	48.93 3.12 0.00	47.74 3.29 0.00	50.09 3.49 0.00	53.13 3.84 0.00	60.27 4.15 0.00	68.56 4.72 0.00	88.94 6.36 0.00	86.33 5.65 0.00	66.47 3.94 0.00	59.74 3.59 0.00	52.85 3.04 0.00
KIAC_JFK_GT2 23817	50.36 2.76 0.00	45.77 2.35 0.00	43.77 2.24 0.00	43.75 2.16 0.00	44.18 2.26 0.00	47.16 2.84 0.00	62.22 3.85 0.00	70.59 4.86 0.00	64.83 4.69 0.00	58.99 4.27 0.00	56.14 3.72 0.00	52.20 3.60 0.00	50.13 3.45 0.00	48.93 3.12 0.00	47.74 3.29 0.00	50.09 3.49 0.00	53.13 3.84 0.00	60.27 4.15 0.00	68.56 4.72 0.00	88.94 6.36 0.00	86.33 5.65 0.00	66.47 3.94 0.00	59.74 3.59 0.00	52.85 3.04 0.00
KIAC_JFK____ 323774	50.41 2.81 0.00	45.77 2.34 0.00	43.73 2.20 0.00	43.91 2.33 0.00	44.18 2.26 0.00	47.16 2.84 0.00	62.22 3.85 0.00	70.59 4.86 0.00	64.83 4.69 0.00	58.99 4.27 0.00	56.14 3.72 0.00	52.15 3.55 0.00	49.99 3.31 0.00	48.84 3.02 0.00	47.66 3.20 0.00	50.09 3.50 0.00	53.13 3.85 0.00	60.27 4.15 0.00	68.56 4.72 0.00	89.03 6.45 0.00	86.33 5.65 0.00	66.48 3.94 0.00	59.74 3.60 0.00	52.85 3.04 0.00
KINTIGH____ 23543	45.84 -1.76 0.00	41.65 -1.78 0.00	40.12 -1.41 0.00	40.21 -1.37 0.00	40.32 -1.59 0.00	42.86 -1.46 0.00	56.62 -1.75 0.00	63.17 -2.56 0.00	53.75 -2.29 4.10	50.72 -1.59 2.41	49.94 -1.73 0.75	47.58 -1.02 0.00	45.09 -1.59 0.00	44.67 -1.15 0.00	43.25 -1.20 0.00	45.53 -1.07 0.00	47.56 -1.72 0.00	52.76 -2.53 0.83	57.96 -3.13 2.75	72.89 -4.87 4.82	77.70 -2.99 0.00	60.41 -2.13 0.00	54.46 -1.68 0.00	49.01 -0.80 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	47.88 0.29 0.00	43.47 0.04 0.00	41.32 -0.21 0.00	40.96 -0.62 0.00	40.83 -1.09 0.00	42.60 -1.73 0.00	-3.84 -2.45 59.76	-3.09 -2.56 66.26	-3.68 -2.59 61.24	-4.12 -2.30 56.54	-4.39 -2.25 54.56	0.01 -2.24 46.35	-4.87 -1.91 49.63	-6.40 -1.88 50.34	-6.51 -2.00 48.97	-6.54 -2.14 50.99	-6.46 -2.27 53.48	-6.38 -2.53 59.98	-6.30 -2.87 67.26	-5.76 -3.14 85.20	-5.71 -2.90 83.49	-6.13 -2.25 66.41	-6.27 -2.08 60.34	-6.30 -1.79 54.32
LACHUTE__HYDRO 323717	51.03 3.43 0.00	46.77 3.34 0.00	44.77 3.24 0.00	44.92 3.33 0.00	45.14 3.23 0.00	48.18 3.85 0.00	63.68 5.31 0.00	71.98 6.25 0.00	65.49 5.35 0.00	58.99 4.27 0.00	56.56 4.14 0.00	52.44 3.84 0.00	50.22 3.55 0.00	48.97 3.16 0.00	47.30 2.85 0.00	49.81 3.21 0.00	53.03 3.74 0.00	60.89 4.77 0.00	69.84 6.00 0.00	91.09 8.51 0.00	87.79 7.10 0.00	68.10 5.56 0.00	60.53 4.38 0.00	53.80 3.99 0.00
LAWRNCALV_115KV_TB1 80681	46.27 -1.33 0.00	42.17 -1.26 0.00	40.20 -1.33 0.00	40.13 -1.46 0.00	40.32 -1.59 0.00	42.42 -1.91 0.00	64.19 -2.45 -8.28	72.21 -2.69 -9.17	65.91 -2.71 -8.48	60.03 -2.52 -7.83	57.56 -2.41 -7.55	52.68 -2.33 -6.42	51.44 -2.10 -6.87	50.72 -2.06 -6.97	49.14 -2.09 -6.78	51.47 -2.19 -7.06	54.37 -2.32 -7.40	60.74 -2.58 -7.21	70.34 -2.81 -9.31	90.83 -3.55 -11.80	88.86 -3.39 -11.56	69.54 -2.19 -9.20	62.48 -2.02 -8.36	55.59 -1.74 -7.52
LEDERLE____ 23769	50.26 2.67 0.00	45.82 2.39 0.00	43.73 2.20 0.00	43.75 2.16 0.00	44.22 2.31 0.00	47.03 2.70 0.00	61.87 3.50 0.00	70.13 4.40 0.00	64.29 4.15 0.00	58.55 3.83 0.00	55.99 3.56 0.00	51.81 3.21 0.00	49.85 3.17 0.00	48.79 2.98 0.00	47.43 2.98 0.00	49.67 3.08 0.00	52.68 3.40 0.00	59.60 3.48 0.00	67.67 3.83 0.00	87.62 5.04 0.00	85.29 4.60 0.00	65.85 3.31 0.00	59.12 2.98 0.00	52.40 2.59 0.00
LIGHTHSE_115KV_TB6 355974	46.69 -0.90 0.00	42.60 -0.83 0.00	40.78 -0.75 0.00	40.88 -0.71 0.00	41.20 -0.71 0.00	43.75 -0.58 0.00	57.96 -0.41 0.00	65.27 -0.46 0.00	59.54 -0.60 0.00	54.06 -0.66 0.00	51.69 -0.73 0.00	47.87 -0.73 0.00	45.93 -0.75 0.00	45.13 -0.69 0.00	43.83 -0.62 0.00	45.99 -0.61 0.00	48.69 -0.59 0.00	55.54 -0.51 0.08	63.52 -0.32 0.00	82.58 0.00 0.00	80.77 0.08 0.00	62.41 -0.13 0.00	55.81 -0.34 0.00	49.36 -0.45 0.00
LINDEN COGEN____ 23786	50.65 3.05 0.00	45.99 2.56 0.00	43.89 2.37 0.00	44.12 2.54 0.00	44.39 2.47 0.00	47.30 2.97 0.00	62.34 3.97 0.00	70.59 4.86 0.00	64.83 4.69 0.00	59.10 4.38 0.00	56.56 4.14 0.00	52.49 3.89 0.00	50.41 3.74 0.00	49.25 3.44 0.00	47.74 3.29 0.00	50.09 3.50 0.00	53.13 3.85 0.00	60.16 4.04 0.00	68.37 4.53 0.00	88.53 5.95 0.00	86.01 5.32 0.00	66.29 3.75 0.00	59.63 3.48 0.00	52.85 3.04 0.00
LINDHRST_69_KV_BK1 356055	51.75 4.14 -0.01	46.90 3.47 0.00	44.56 3.03 0.00	44.37 2.79 0.00	44.77 2.85 0.00	48.09 3.77 0.00	62.16 3.79 0.00	70.20 4.47 0.00	64.23 4.09 0.00	58.33 3.61 0.00	55.62 3.20 0.00	51.86 3.26 0.00	49.61 2.94 0.00	48.10 2.29 0.00	47.08 2.62 0.00	49.67 3.08 0.00	52.78 3.50 0.00	59.65 3.54 0.00	67.73 3.89 0.00	88.36 5.78 0.00	85.37 4.68 0.00	66.41 3.88 0.00	59.51 3.37 0.00	52.90 3.09 0.00
LIPA_MISC_IPP 23656	51.46 3.86 -0.01	46.43 3.00 0.00	44.06 2.53 0.00	43.67 2.08 0.00	43.97 2.05 0.00	47.43 3.10 0.00	60.94 2.57 0.00	68.82 3.09 0.00	63.09 2.95 0.00	57.40 2.68 0.00	54.78 2.36 0.00	50.79 2.19 0.00	48.35 1.68 0.00	46.59 0.78 0.00	45.83 1.38 0.00	48.37 1.77 0.00	51.45 2.17 0.00	58.31 2.19 0.00	66.14 2.30 0.00	86.46 3.88 0.00	83.35 2.66 0.00	64.85 2.31 0.00	58.11 1.97 0.00	51.70 1.89 0.00
LISF__SOLAR 323691	51.84 4.23 -0.01	46.42 2.99 0.00	43.56 2.03 0.00	44.25 2.66 0.00	44.01 2.09 0.00	47.47 3.15 0.00	60.88 2.51 0.00	68.88 3.15 0.00	63.15 3.01 0.00	57.45 2.73 0.00	54.83 2.41 0.00	50.88 2.28 0.00	48.17 1.49 0.00	46.68 0.87 0.00	45.61 1.15 0.00	48.37 1.77 0.00	51.50 2.22 0.00	58.37 2.25 0.00	66.46 2.62 0.00	86.63 4.05 0.00	83.43 2.74 0.00	64.85 2.32 0.00	58.28 2.13 0.00	51.75 1.94 0.00

LITTLE FALLS___HYD 24013	45.98 -1.62 0.00	41.69 -1.74 0.00	39.49 -2.03 0.00	39.34 -2.25 0.00	39.49 -2.43 0.00	41.84 -2.48 0.00	55.16 -3.21 0.00	62.11 -3.62 0.00	56.65 -3.49 0.00	51.43 -3.28 0.00	49.43 -2.99 0.00	45.59 -3.01 0.00	43.87 -2.80 0.00	42.93 -2.89 0.00	41.65 -2.80 0.00	43.62 -2.98 0.00	46.13 -3.15 0.00	52.67 -3.54 -0.09	60.07 -3.77 0.00	78.37 -4.21 0.00	76.33 -4.36 0.00	59.09 -3.44 0.00	52.89 -3.26 0.00	46.82 -2.99 0.00
LITTLRIV_115KV_TB1 356100	46.74 -0.86 0.00	42.65 -0.78 0.00	40.66 -0.87 0.00	40.59 -1.00 0.00	40.78 -1.13 0.00	42.95 -1.37 0.00	65.83 -1.63 -9.10	73.97 -1.84 -10.08	67.35 -2.10 -9.32	61.19 -2.13 -8.60	58.73 -1.99 -8.30	53.66 -1.99 -7.05	52.45 -1.77 -7.55	51.73 -1.74 -7.66	50.13 -1.78 -7.45	52.49 -1.86 -7.76	55.50 -1.92 -8.14	62.13 -2.02 -8.04	72.10 -1.98 -10.24	93.32 -2.23 -12.97	91.30 -2.10 -12.71	71.39 -1.25 -10.11	64.09 -1.24 -9.19	56.98 -1.10 -8.27
LI_NEWBRDGE___DRP 323616	50.94 3.33 -0.01	46.30 2.87 0.00	44.02 2.49 0.00	43.87 2.29 0.00	44.26 2.35 0.00	47.47 3.15 0.00	61.58 3.21 0.00	69.61 3.88 0.00	63.75 3.61 0.00	58.00 3.28 0.00	55.30 2.88 0.00	51.56 2.96 0.00	49.38 2.71 0.00	47.97 2.15 0.00	46.90 2.45 0.00	49.35 2.75 0.00	52.39 3.10 0.00	59.20 3.09 0.00	67.29 3.45 0.00	87.54 4.95 0.00	84.72 4.03 0.00	65.79 3.25 0.00	58.95 2.81 0.00	52.40 2.59 0.00
LOCKPORT_115KV_TB60_63_64 80432	45.17 -2.43 0.00	40.95 -2.48 0.00	39.58 -1.95 0.00	39.72 -1.87 0.00	39.69 -2.22 0.00	42.20 -2.13 0.00	55.86 -2.51 0.00	61.79 -3.94 0.00	49.58 -3.43 7.13	47.92 -2.57 4.22	48.32 -2.78 1.32	46.85 -1.75 0.00	43.92 -2.75 0.00	43.61 -2.20 0.00	42.23 -2.22 0.00	44.64 -1.96 0.00	46.47 -2.81 0.00	50.68 -3.98 1.45	54.20 -4.85 4.78	66.77 -7.43 8.38	76.01 -4.68 0.00	59.16 -3.38 0.00	53.51 -2.64 0.00	48.57 -1.25 0.00
LOCKPORT___CC1 323769	45.07 -2.52 0.00	40.91 -2.52 0.00	39.49 -2.03 0.00	39.63 -1.95 0.00	40.20 -1.72 0.00	42.15 -2.17 0.00	55.86 -2.51 0.00	61.72 -4.01 0.00	48.17 -3.49 8.48	47.03 -2.68 5.01	47.97 -2.88 1.56	46.60 -1.99 0.00	43.83 -2.85 0.00	43.57 -2.24 0.00	42.50 -1.96 0.00	44.60 -2.00 0.00	46.42 -2.86 0.00	50.30 -4.09 1.72	53.30 -4.85 5.69	65.11 -7.51 9.96	75.93 -4.76 0.00	59.47 -3.06 0.00	53.51 -2.64 0.00	48.57 -1.24 0.00
LOCKPORT___CC2 323770	45.07 -2.52 0.00	40.91 -2.52 0.00	39.49 -2.03 0.00	39.63 -1.95 0.00	40.20 -1.72 0.00	42.15 -2.17 0.00	55.86 -2.51 0.00	61.72 -4.01 0.00	48.17 -3.49 8.48	47.03 -2.68 5.01	47.97 -2.88 1.56	46.60 -1.99 0.00	43.83 -2.85 0.00	43.57 -2.24 0.00	42.50 -1.96 0.00	44.60 -2.00 0.00	46.42 -2.86 0.00	50.30 -4.09 1.72	53.30 -4.85 5.69	65.11 -7.51 9.96	75.93 -4.76 0.00	59.47 -3.06 0.00	53.51 -2.64 0.00	48.57 -1.24 0.00
LOCKPORT___CC3 323771	45.07 -2.52 0.00	40.91 -2.52 0.00	39.49 -2.03 0.00	39.63 -1.95 0.00	40.20 -1.72 0.00	42.15 -2.17 0.00	55.86 -2.51 0.00	61.72 -4.01 0.00	48.17 -3.49 8.48	47.03 -2.68 5.01	47.97 -2.88 1.56	46.60 -1.99 0.00	43.83 -2.85 0.00	43.57 -2.24 0.00	42.50 -1.96 0.00	44.60 -2.00 0.00	46.42 -2.86 0.00	50.30 -4.09 1.72	53.30 -4.85 5.69	65.11 -7.51 9.96	75.93 -4.76 0.00	59.47 -3.06 0.00	53.51 -2.64 0.00	48.57 -1.24 0.00
LONG_LAKE_PHOENIX 24014	46.79 -0.81 0.00	42.69 -0.74 0.00	40.86 -0.66 0.00	40.96 -0.62 0.00	41.29 -0.63 0.00	43.79 -0.53 0.00	57.84 -0.53 0.00	65.20 -0.53 0.00	59.66 -0.48 0.00	54.33 -0.38 0.00	52.00 -0.42 0.00	48.31 -0.29 0.00	46.30 -0.37 0.00	45.54 -0.27 0.00	44.14 -0.31 0.00	46.32 -0.28 0.00	48.94 -0.34 0.00	55.73 -0.39 0.00	63.39 -0.45 0.00	82.00 -0.58 0.00	80.28 -0.40 0.00	62.10 -0.44 0.00	55.64 -0.51 0.00	49.31 -0.50 0.00
LOVETT___3 23632	50.12 2.52 0.00	45.64 2.21 0.00	43.60 2.08 0.00	43.62 2.04 0.00	44.10 2.18 0.00	46.90 2.57 0.00	61.70 3.33 0.00	69.87 4.14 0.00	64.05 3.91 0.00	58.33 3.61 0.00	55.83 3.41 0.00	51.66 3.06 0.00	49.66 2.99 0.00	48.61 2.79 0.00	47.26 2.80 0.00	49.49 2.89 0.00	52.49 3.20 0.00	59.37 3.25 0.00	67.41 3.57 0.00	87.21 4.62 0.00	84.88 4.20 0.00	65.54 3.00 0.00	58.90 2.75 0.00	52.20 2.39 0.00
LOVETT___4 23642	50.12 2.52 0.00	45.64 2.21 0.00	43.60 2.08 0.00	43.62 2.04 0.00	44.10 2.18 0.00	46.90 2.57 0.00	61.70 3.33 0.00	69.87 4.14 0.00	64.05 3.91 0.00	58.33 3.61 0.00	55.83 3.41 0.00	51.66 3.06 0.00	49.66 2.99 0.00	48.61 2.79 0.00	47.26 2.80 0.00	49.49 2.89 0.00	52.49 3.20 0.00	59.37 3.25 0.00	67.41 3.57 0.00	87.21 4.62 0.00	84.88 4.20 0.00	65.54 3.00 0.00	58.90 2.75 0.00	52.20 2.39 0.00
LOVETT___5 23593	50.12 2.52 0.00	45.64 2.21 0.00	43.60 2.08 0.00	43.62 2.04 0.00	44.10 2.18 0.00	46.90 2.57 0.00	61.70 3.33 0.00	69.87 4.14 0.00	64.05 3.91 0.00	58.33 3.61 0.00	55.83 3.41 0.00	51.66 3.06 0.00	49.66 2.99 0.00	48.61 2.79 0.00	47.26 2.80 0.00	49.49 2.89 0.00	52.49 3.20 0.00	59.37 3.25 0.00	67.41 3.57 0.00	87.21 4.62 0.00	84.88 4.20 0.00	65.54 3.00 0.00	58.90 2.75 0.00	52.20 2.39 0.00
LOWER RAQUET___HYD 24057	45.93 -1.67 0.00	41.91 -1.52 0.00	39.95 -1.58 0.00	39.84 -1.75 0.00	40.03 -1.89 0.00	42.11 -2.22 0.00	65.44 -2.80 -9.87	73.58 -3.09 -10.94	67.12 -3.13 -10.11	61.15 -2.90 -9.34	58.65 -2.78 -9.01	53.58 -2.67 -7.65	52.44 -2.43 -8.19	51.74 -2.38 -8.31	50.14 -2.40 -8.08	52.45 -2.56 -8.42	55.45 -2.66 -8.83	62.01 -2.92 -8.82	71.75 -3.19 -11.11	92.77 -3.88 -14.07	90.76 -3.71 -13.79	70.94 -2.57 -10.97	63.75 -2.36 -9.97	56.73 -2.04 -8.97
LOWER___HUDSON 24059	49.02 1.43 0.00	44.82 1.39 0.00	42.86 1.33 0.00	43.00 1.41 0.00	43.34 1.43 0.00	45.97 1.64 0.00	60.35 1.99 0.00	67.97 2.24 0.00	62.24 2.10 0.00	56.47 1.75 0.00	54.20 1.78 0.00	50.15 1.55 0.00	48.21 1.54 0.00	47.19 1.37 0.00	45.79 1.33 0.00	48.04 1.45 0.00	50.91 1.62 0.00	58.20 2.08 0.00	66.26 2.43 0.00	85.72 3.14 0.00	83.34 2.66 0.00	64.59 2.06 0.00	57.89 1.74 0.00	51.26 1.45 0.00
LOWVILLE_115KV_TB2 356335	46.98 -0.62 0.00	42.95 -0.48 0.00	41.03 -0.50 0.00	41.13 -0.46 0.00	41.37 -0.54 0.00	43.97 -0.35 0.00	61.16 -0.06 -2.85	68.89 0.00 -3.16	62.70 -0.36 -2.92	56.71 -0.71 -2.70	54.34 -0.68 -2.61	49.94 -0.87 -2.21	48.30 -0.75 -2.37	47.44 -0.78 -2.40	46.13 -0.67 -2.34	48.38 -0.65 -2.43	51.34 -0.49 -2.55	58.44 -0.28 -2.60	67.31 0.26 -3.21	87.81 1.16 -4.07	85.72 1.05 -3.99	66.27 0.56 -3.17	59.19 0.17 -2.88	52.36 -0.05 -2.59
LUTHERFT_115KV_GLOB_FND_222 355753	49.69 2.09 0.00	45.47 2.04 0.00	43.48 1.95 0.00	43.58 2.00 0.00	43.89 1.97 0.00	46.59 2.26 0.00	61.35 2.98 0.00	69.08 3.35 0.00	63.21 3.07 0.00	57.23 2.52 0.00	54.94 2.52 0.00	50.83 2.24 0.00	48.82 2.15 0.00	47.78 1.97 0.00	46.32 1.87 0.00	48.60 2.00 0.00	51.60 2.32 0.00	59.04 2.92 0.00	67.29 3.45 0.00	87.21 4.62 0.00	84.64 3.95 0.00	65.66 3.13 0.00	58.73 2.58 0.00	52.05 2.24 0.00

LUTHERNY_35_KV_BK2 355980	49.69 2.09 0.00	45.47 2.04 0.00	43.52 1.99 0.00	43.62 2.04 0.00	43.93 2.01 0.00	46.63 2.30 0.00	61.35 2.98 0.00	69.15 3.42 0.00	63.27 3.13 0.00	57.29 2.57 0.00	54.94 2.52 0.00	50.88 2.28 0.00	48.87 2.19 0.00	47.78 1.97 0.00	46.32 1.87 0.00	48.65 2.05 0.00	51.65 2.37 0.00	59.04 2.92 0.00	67.35 3.51 0.00	87.29 4.71 0.00	84.72 4.03 0.00	65.66 3.13 0.00	58.73 2.58 0.00	52.10 2.29 0.00
LWR___OSWEGATCHIE_HYD 23850	45.88 -1.71 0.00	41.91 -1.52 0.00	39.99 -1.54 0.00	40.01 -1.58 0.00	40.24 -1.68 0.00	42.55 -1.77 0.00	63.04 -2.04 -6.71	71.00 -2.17 -7.44	64.61 -2.41 -6.88	58.66 -2.41 -6.35	56.24 -2.31 -6.13	51.47 -2.33 -5.21	50.10 -2.15 -5.57	49.36 -2.11 -5.65	47.91 -2.04 -5.50	50.23 -2.10 -5.73	53.17 -2.12 -6.00	59.95 -2.19 -6.02	69.28 -2.11 -7.55	90.09 -2.06 -9.57	87.97 -2.10 -9.38	68.43 -1.56 -7.46	61.24 -1.68 -6.78	54.32 -1.59 -6.10
LYONS_FALL_HYD 23570	47.55 -0.05 0.00	43.43 0.00 0.00	41.53 0.00 0.00	41.63 0.04 0.00	41.92 0.00 0.00	44.50 0.18 0.00	60.87 0.58 -1.92	68.58 0.72 -2.12	62.47 0.36 -1.96	56.64 0.11 -1.81	54.28 0.11 -1.75	49.99 -0.10 -1.49	48.27 0.00 -1.59	47.38 -0.05 -1.61	46.07 0.04 -1.57	48.33 0.09 -1.63	51.24 0.25 -1.71	58.30 0.40 -1.78	66.89 0.89 -2.16	87.13 1.81 -2.73	85.06 1.70 -2.68	65.73 1.06 -2.13	58.76 0.68 -1.93	52.05 0.50 -1.74
MADISON___COUNTY_LFGE 323628	48.60 1.00 0.00	44.38 0.96 0.00	42.48 0.96 0.00	42.59 1.00 0.00	42.88 0.96 0.00	45.57 1.24 0.00	60.35 1.98 0.00	67.96 2.23 0.00	62.00 1.86 0.00	56.30 1.59 0.00	53.99 1.57 0.00	49.91 1.31 0.00	48.03 1.35 0.00	47.10 1.28 0.00	45.74 1.29 0.00	47.95 1.35 0.00	50.81 1.53 0.00	57.86 1.74 0.00	66.14 2.30 0.00	85.97 3.39 0.00	83.99 3.31 0.00	64.85 2.31 0.00	58.00 1.85 0.00	51.40 1.59 0.00
MALONE___115KV_TB1 356076	47.22 -0.38 0.00	42.91 -0.52 0.00	40.82 -0.71 0.00	40.51 -1.08 0.00	40.41 -1.51 0.00	42.24 -2.08 0.00	97.92 -2.68 -42.23	109.65 -2.89 -46.81	100.52 -2.89 -43.26	92.04 -2.63 -39.95	88.40 -2.57 -38.54	78.92 -2.43 -32.75	79.54 -2.19 -35.06	79.27 -2.11 -35.57	76.83 -2.22 -34.60	80.25 -2.38 -36.02	84.55 -2.51 -37.78	93.84 -2.81 -40.52	108.23 -3.13 -47.52	139.24 -3.55 -60.21	136.38 -3.31 -59.00	106.97 -2.50 -46.93	96.49 -2.30 -42.64	86.20 -1.99 -38.38
MAPLEWOD_115KV_TB3 80458	48.74 1.14 0.00	44.56 1.13 0.00	42.65 1.12 0.00	42.75 1.16 0.00	43.13 1.22 0.00	45.66 1.33 0.00	59.94 1.58 0.00	67.50 1.77 0.00	61.82 1.68 0.00	56.14 1.42 0.00	53.89 1.47 0.00	49.86 1.26 0.00	47.93 1.26 0.00	46.96 1.15 0.00	45.61 1.16 0.00	47.76 1.16 0.00	50.61 1.33 0.00	57.80 1.68 0.00	65.75 1.92 0.00	85.14 2.56 0.00	82.70 2.02 0.00	64.10 1.56 0.00	57.49 1.35 0.00	50.91 1.10 0.00
MAPLE_RIDGE_WT_1 323574	46.50 -1.09 0.00	42.26 -1.17 0.00	40.28 -1.24 0.00	40.25 -1.33 0.00	40.53 -1.38 0.00	42.77 -1.55 0.00	56.32 -2.04 0.00	63.49 -2.24 0.00	58.03 -2.11 0.00	52.80 -1.92 0.00	50.64 -1.78 0.00	46.95 -1.65 0.00	45.14 -1.54 0.00	44.26 -1.56 0.00	42.94 -1.51 0.00	45.01 -1.58 0.00	47.61 -1.68 0.00	52.32 -1.85 1.95	61.92 -1.91 0.00	80.27 -2.31 0.00	78.59 -2.10 0.00	61.03 -1.50 0.00	54.86 -1.29 0.00	48.71 -1.10 0.00
MAPLE_RIDGE_WT_2 323611	46.50 -1.09 0.00	42.26 -1.17 0.00	40.28 -1.24 0.00	40.25 -1.33 0.00	40.53 -1.38 0.00	42.77 -1.55 0.00	56.32 -2.04 0.00	63.49 -2.24 0.00	58.03 -2.11 0.00	52.80 -1.92 0.00	50.64 -1.78 0.00	46.95 -1.65 0.00	45.14 -1.54 0.00	44.26 -1.56 0.00	42.94 -1.51 0.00	45.01 -1.58 0.00	47.61 -1.68 0.00	52.32 -1.85 1.95	61.92 -1.91 0.00	80.27 -2.31 0.00	78.59 -2.10 0.00	61.03 -1.50 0.00	54.86 -1.29 0.00	48.71 -1.10 0.00
MARBLE_RIVER_WT_PWR 323696	47.27 -0.33 0.00	42.95 -0.48 0.00	40.82 -0.71 0.00	40.51 -1.08 0.00	40.32 -1.59 0.00	42.07 -2.26 0.00	-4.60 -3.21 59.76	-4.01 -3.49 66.26	-4.46 -3.37 61.24	-4.89 -3.06 56.54	-5.02 -2.88 54.56	-0.48 -2.72 46.35	-5.47 -2.52 49.63	-7.00 -2.47 50.34	-7.00 -2.49 48.97	-7.00 -2.61 50.99	-7.00 -2.81 53.48	-7.00 -3.14 59.98	-7.00 -3.57 67.26	-7.00 -4.38 85.20	-7.00 -4.20 83.49	-7.00 -3.12 66.41	-7.00 -2.81 60.34	-7.00 -2.49 54.32
MARSHVLE_115KV_TB1 80742	50.93 3.33 0.00	46.60 3.17 0.00	44.60 3.07 0.00	44.75 3.16 0.00	45.06 3.14 0.00	47.92 3.59 0.00	63.39 5.02 0.00	71.19 5.46 0.00	64.65 4.51 0.00	57.89 3.17 0.00	55.36 2.94 0.00	51.13 2.53 0.00	49.33 2.66 0.00	48.33 2.52 0.00	46.63 2.18 0.00	49.11 2.52 0.00	52.44 3.15 0.00	60.50 4.38 0.00	69.46 5.62 0.00	90.26 7.68 0.00	87.62 6.94 0.00	67.85 5.32 0.00	60.52 4.38 0.00	53.70 3.89 0.00
MARSH_HILL_WT_PWR 323713	46.17 -1.43 0.00	41.95 -1.48 0.00	40.20 -1.33 0.00	40.34 -1.25 0.00	40.91 -1.01 0.00	43.35 -0.98 0.00	57.49 -0.87 0.00	64.22 -1.51 0.00	85.64 -1.86 -27.36	69.02 -1.80 -16.11	55.46 -1.99 -5.03	47.19 -1.41 0.00	44.72 -1.96 0.00	44.17 -1.65 0.00	42.94 -1.51 0.00	44.87 -1.72 0.00	47.16 -2.12 0.00	59.16 -2.52 -5.56	79.57 -2.62 -18.35	111.09 -3.63 -32.14	78.99 -1.70 0.00	61.53 -1.00 0.00	55.24 -0.90 0.00	49.76 -0.05 0.00
MCINTYRE_115KV_TB2 80467	47.31 -0.29 0.00	43.17 -0.26 0.00	41.20 -0.33 0.00	41.13 -0.46 0.00	41.33 -0.59 0.00	43.53 -0.80 0.00	65.35 -0.88 -7.86	73.39 -1.05 -8.71	66.68 -1.50 -8.05	60.56 -1.59 -7.43	58.07 -1.52 -7.17	53.14 -1.56 -6.09	51.80 -1.40 -6.52	51.10 -1.33 -6.62	49.51 -1.38 -6.44	51.90 -1.40 -6.70	54.88 -1.43 -7.03	61.44 -1.46 -6.78	71.46 -1.21 -8.84	92.63 -1.16 -11.20	90.61 -1.05 -10.98	70.83 -0.44 -8.73	63.57 -0.51 -7.93	56.55 -0.40 -7.14
MECO_____69_KV_BK1 80468	51.26 3.67 0.00	46.95 3.52 0.00	44.89 3.36 0.00	45.08 3.49 0.00	45.35 3.44 0.00	48.27 3.94 0.00	63.85 5.49 0.00	71.78 6.05 0.00	65.25 5.11 0.00	58.49 3.78 0.00	55.93 3.51 0.00	51.66 3.06 0.00	49.71 3.03 0.00	48.70 2.89 0.00	47.08 2.62 0.00	49.58 2.98 0.00	52.88 3.60 0.00	61.00 4.88 0.00	69.97 6.13 0.00	91.09 8.51 0.00	88.19 7.50 0.00	68.35 5.82 0.00	60.92 4.77 0.00	54.09 4.28 0.00
MENANDS___115KV_TB5 355628	48.50 0.90 0.00	44.34 0.91 0.00	42.48 0.96 0.00	42.54 0.96 0.00	42.92 1.01 0.00	45.43 1.11 0.00	59.59 1.23 0.00	67.11 1.38 0.00	61.52 1.38 0.00	55.87 1.15 0.00	53.63 1.21 0.00	49.62 1.02 0.00	47.70 1.03 0.00	46.73 0.92 0.00	45.39 0.93 0.00	47.53 0.93 0.00	50.37 1.08 0.00	57.46 1.35 0.00	65.37 1.53 0.00	84.56 1.98 0.00	82.22 1.53 0.00	63.72 1.19 0.00	57.15 1.01 0.00	50.61 0.80 0.00
MG INDUSTRY___DRP 24185	48.60 1.00 0.00	44.47 1.04 0.00	42.57 1.04 0.00	42.67 1.08 0.00	43.05 1.13 0.00	45.48 1.15 0.00	59.65 1.28 0.00	67.04 1.31 0.00	61.28 1.14 0.00	55.59 0.88 0.00	53.31 0.89 0.00	49.33 0.73 0.00	47.42 0.75 0.00	46.45 0.64 0.00	45.08 0.62 0.00	47.25 0.65 0.00	50.12 0.84 0.00	57.30 1.18 0.00	65.24 1.40 0.00	84.48 1.90 0.00	82.22 1.53 0.00	63.78 1.25 0.00	57.27 1.12 0.00	50.76 0.95 0.00

MID___OSWEGATCHIE_HYD 23849	45.88 -1.71 0.00	41.91 -1.52 0.00	39.99 -1.54 0.00	40.01 -1.58 0.00	40.24 -1.68 0.00	42.55 -1.77 0.00	63.04 -2.04 -6.71	71.00 -2.17 -7.44	64.61 -2.41 -6.88	58.66 -2.41 -6.35	56.24 -2.31 -6.13	51.47 -2.33 -5.21	50.10 -2.15 -5.57	49.36 -2.11 -5.65	47.91 -2.04 -5.50	50.23 -2.10 -5.73	53.17 -2.12 -6.00	59.95 -2.19 -6.02	69.28 -2.11 -7.55	90.09 -2.06 -9.57	87.97 -2.10 -9.38	68.43 -1.56 -7.46	61.24 -1.68 -6.78	54.32 -1.59 -6.10
MID___RAQUETTE_HYD 23851	45.93 -1.67 0.00	41.91 -1.52 0.00	39.95 -1.58 0.00	39.84 -1.75 0.00	40.03 -1.89 0.00	42.11 -2.22 0.00	65.44 -2.80 -9.87	73.58 -3.09 -10.94	67.12 -3.13 -10.11	61.15 -2.90 -9.34	58.65 -2.78 -9.01	53.58 -2.67 -7.65	52.44 -2.43 -8.19	51.74 -2.38 -8.31	50.14 -2.40 -8.08	52.45 -2.56 -8.42	55.45 -2.66 -8.83	61.96 -2.97 -8.82	71.75 -3.19 -11.11	92.77 -3.88 -14.07	90.68 -3.79 -13.79	71.00 -2.50 -10.97	63.75 -2.36 -9.97	56.74 -2.04 -8.97
MILLIKEN___1 23584	48.45 0.86 0.00	44.21 0.78 0.00	42.32 0.79 0.00	42.42 0.83 0.00	42.75 0.84 0.00	45.43 1.11 0.00	60.18 1.81 0.00	67.83 2.10 0.00	63.87 1.68 -2.04	57.40 1.48 -1.20	54.05 1.26 -0.38	49.81 1.21 0.00	47.70 1.03 0.00	46.87 1.05 0.00	45.48 1.02 0.00	47.72 1.12 0.00	50.47 1.18 0.00	57.94 1.40 -0.42	66.99 1.79 -1.37	87.37 2.39 -2.40	83.35 2.66 0.00	64.41 1.88 0.00	57.66 1.52 0.00	51.21 1.39 0.00
MILLIKEN___2 23585	48.45 0.86 0.00	44.21 0.78 0.00	42.32 0.79 0.00	42.42 0.83 0.00	42.75 0.84 0.00	45.43 1.11 0.00	60.18 1.81 0.00	67.83 2.10 0.00	63.87 1.68 -2.04	57.40 1.48 -1.20	54.05 1.26 -0.38	49.81 1.21 0.00	47.70 1.03 0.00	46.87 1.05 0.00	45.48 1.02 0.00	47.72 1.12 0.00	50.47 1.18 0.00	57.94 1.40 -0.42	66.99 1.79 -1.37	87.37 2.39 -2.40	83.35 2.66 0.00	64.41 1.88 0.00	57.66 1.52 0.00	51.21 1.39 0.00
MILLIKEN___DIESEL 23629	48.45 0.86 0.00	44.21 0.78 0.00	42.32 0.79 0.00	42.42 0.83 0.00	42.75 0.84 0.00	45.43 1.11 0.00	60.18 1.81 0.00	67.83 2.10 0.00	63.87 1.68 -2.04	57.40 1.48 -1.20	54.05 1.26 -0.38	49.81 1.21 0.00	47.70 1.03 0.00	46.87 1.05 0.00	45.48 1.02 0.00	47.72 1.12 0.00	50.47 1.18 0.00	57.94 1.40 -0.42	66.99 1.79 -1.37	87.37 2.39 -2.40	83.35 2.66 0.00	64.41 1.88 0.00	57.66 1.52 0.00	51.21 1.39 0.00
MILLSEAT___LFGE 323607	45.98 -1.62 0.00	41.78 -1.65 0.00	40.28 -1.24 0.00	40.42 -1.16 0.00	40.99 -0.92 0.00	43.08 -1.24 0.00	57.20 -1.17 0.00	63.43 -2.30 0.00	52.02 -2.04 6.08	49.75 -1.37 3.60	49.62 -1.68 1.12	47.67 -0.92 0.00	44.90 -1.77 0.00	44.58 -1.23 0.00	43.43 -1.02 0.00	45.57 -1.03 0.00	47.41 -1.87 0.00	52.19 -2.69 1.24	56.63 -3.13 4.08	70.40 -5.04 7.14	78.18 -2.50 0.00	60.97 -1.56 0.00	54.74 -1.40 0.00	49.56 -0.25 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	50.26 2.67 0.00	45.77 2.35 0.00	43.73 2.20 0.00	43.75 2.16 0.00	44.22 2.31 0.00	46.98 2.66 0.00	61.81 3.44 0.00	70.07 4.34 0.00	64.23 4.09 0.00	58.49 3.78 0.00	55.99 3.56 0.00	51.81 3.21 0.00	49.85 3.17 0.00	48.75 2.93 0.00	47.43 2.98 0.00	49.63 3.03 0.00	52.63 3.35 0.00	59.60 3.48 0.00	67.73 3.89 0.00	87.70 5.12 0.00	85.29 4.60 0.00	65.85 3.31 0.00	59.18 3.03 0.00	52.40 2.59 0.00
MILLWOOD_13_KV_LOAD 356217	50.36 2.76 0.00	45.86 2.43 0.00	43.81 2.28 0.00	43.83 2.25 0.00	44.31 2.39 0.00	47.12 2.79 0.00	61.99 3.62 0.00	70.20 4.47 0.00	64.41 4.27 0.00	58.60 3.88 0.00	56.09 3.67 0.00	51.90 3.30 0.00	49.94 3.27 0.00	48.88 3.07 0.00	47.52 3.07 0.00	49.77 3.17 0.00	52.78 3.50 0.00	59.77 3.65 0.00	67.99 4.15 0.00	87.95 5.37 0.00	85.61 4.92 0.00	66.10 3.56 0.00	59.29 3.14 0.00	52.55 2.74 0.00
MODEL_CITY_ENERGY 24167	44.69 -2.91 0.00	40.56 -2.87 0.00	39.20 -2.32 0.00	39.26 -2.33 0.00	39.86 -2.05 0.00	41.80 -2.52 0.00	55.33 -3.04 0.00	61.13 -4.60 0.00	48.46 -4.75 6.92	47.00 -3.72 3.99	47.30 -3.88 1.25	45.73 -2.87 0.00	43.45 -3.22 0.00	43.20 -2.61 0.00	42.14 -2.31 0.00	44.22 -2.37 0.00	46.03 -3.25 0.00	50.11 -4.60 1.41	53.64 -5.55 4.64	66.03 -8.42 8.13	75.04 -5.65 0.00	58.84 -3.69 0.00	52.95 -3.20 0.00	48.07 -1.74 0.00
MODERN_LFGE___ 323580	44.69 -2.91 0.00	40.56 -2.87 0.00	39.20 -2.32 0.00	39.26 -2.33 0.00	39.86 -2.05 0.00	41.80 -2.52 0.00	55.33 -3.04 0.00	61.13 -4.60 0.00	48.46 -4.75 6.92	47.00 -3.72 3.99	47.30 -3.88 1.25	45.73 -2.87 0.00	43.45 -3.22 0.00	43.20 -2.61 0.00	42.14 -2.31 0.00	44.22 -2.37 0.00	46.03 -3.25 0.00	50.11 -4.60 1.41	53.64 -5.55 4.64	66.03 -8.42 8.13	75.04 -5.65 0.00	58.84 -3.69 0.00	52.95 -3.20 0.00	48.07 -1.74 0.00
MOHAWK_PAPER___DRP 24187	48.74 1.14 0.00	44.56 1.13 0.00	42.65 1.12 0.00	42.75 1.16 0.00	43.13 1.22 0.00	45.66 1.33 0.00	59.94 1.58 0.00	67.50 1.77 0.00	61.82 1.68 0.00	56.14 1.42 0.00	53.89 1.47 0.00	49.86 1.26 0.00	47.93 1.26 0.00	46.96 1.15 0.00	45.61 1.16 0.00	47.76 1.16 0.00	50.61 1.33 0.00	57.80 1.68 0.00	65.75 1.92 0.00	85.14 2.56 0.00	82.70 2.02 0.00	64.10 1.56 0.00	57.49 1.35 0.00	50.91 1.10 0.00
MOHICAN___35_KV_115KV_LD 80490	50.03 2.43 0.00	45.77 2.35 0.00	43.81 2.28 0.00	43.92 2.33 0.00	44.22 2.31 0.00	47.03 2.70 0.00	61.99 3.62 0.00	69.94 4.21 0.00	63.93 3.79 0.00	57.78 3.06 0.00	55.46 3.04 0.00	51.37 2.77 0.00	49.24 2.57 0.00	48.15 2.34 0.00	46.63 2.18 0.00	48.97 2.38 0.00	52.09 2.81 0.00	59.60 3.48 0.00	68.11 4.28 0.00	88.44 5.86 0.00	85.61 4.92 0.00	66.41 3.88 0.00	59.23 3.09 0.00	52.50 2.69 0.00
MONGAUP___HYD 23641	49.69 2.09 0.00	45.60 2.17 0.00	43.52 1.99 0.00	43.62 2.04 0.00	43.97 2.05 0.00	46.67 2.35 0.00	61.17 2.80 0.00	68.88 3.15 0.00	62.97 2.83 0.00	57.12 2.40 0.00	54.62 2.20 0.00	50.49 1.89 0.00	48.59 1.91 0.00	47.60 1.78 0.00	46.46 2.00 0.00	48.41 1.82 0.00	50.76 1.48 0.00	58.70 2.58 0.00	66.01 2.17 0.00	86.96 4.37 0.00	83.59 2.90 0.00	64.41 1.87 0.00	58.73 2.58 0.00	52.05 2.24 0.00
MONTAUK___DIESEL 23721	52.75 5.14 -0.01	47.51 4.08 0.00	44.93 3.41 0.00	44.41 2.83 0.00	44.60 2.68 0.00	48.23 3.90 0.00	62.05 3.68 0.00	70.07 4.34 0.00	63.99 3.85 0.00	57.95 3.23 0.00	54.78 2.36 0.00	50.79 2.19 0.00	47.98 1.31 0.00	45.81 0.00 0.00	45.08 0.62 0.00	47.58 0.98 0.00	50.66 1.38 0.00	57.52 1.40 0.00	65.18 1.34 0.00	85.31 2.73 0.00	82.06 1.37 0.00	63.91 1.38 0.00	57.21 1.07 0.00	51.40 1.59 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	45.03 -2.57 0.00	40.82 -2.61 0.00	39.41 -2.12 0.00	39.59 -2.00 0.00	39.57 -2.35 0.00	42.06 -2.26 0.00	56.38 -1.98 0.00	62.64 -3.09 0.00	54.34 -2.95 2.85	50.53 -2.52 1.67	49.12 -2.78 0.52	46.66 -1.94 0.00	44.06 -2.61 0.00	43.61 -2.20 0.00	42.14 -2.31 0.00	44.41 -2.19 0.00	46.37 -2.91 0.00	51.67 -3.87 0.58	57.46 -4.47 1.91	72.71 -6.52 3.35	77.38 -3.31 0.00	60.53 -2.00 0.00	55.25 -0.90 0.00	50.46 0.65 0.00

MORRIS_RIDGE___SOLAR 323848	45.46 -2.14 0.00	41.30 -2.13 0.00	39.66 -1.87 0.00	39.80 -1.79 0.00	40.37 -1.55 0.00	42.60 -1.73 0.00	56.38 -1.98 0.00	62.71 -3.02 0.00	0.05 -3.19 56.90	18.31 -2.90 33.50	38.92 -3.04 10.46	46.36 -2.23 0.00	43.92 -2.75 0.00	43.43 -2.38 0.00	42.28 -2.18 0.00	44.27 -2.33 0.00	46.42 -2.86 0.00	40.96 -3.59 11.57	21.78 -3.90 38.16	10.30 -5.45 66.83	77.46 -3.23 0.00	60.53 -2.00 0.00	54.46 -1.68 0.00	49.16 -0.65 0.00
MORTIMER_115KV_TB3 55949	46.65 -0.95 0.00	42.43 -1.00 0.00	40.78 -0.75 0.00	40.88 -0.71 0.00	41.08 -0.84 0.00	43.66 -0.66 0.00	57.78 -0.58 0.00	64.81 -0.92 0.00	59.24 -0.90 0.00	54.28 -0.44 0.00	51.84 -0.58 0.00	48.50 -0.10 0.00	46.16 -0.51 0.00	45.58 -0.23 0.00	44.19 -0.27 0.00	46.41 -0.19 0.00	48.59 -0.69 0.00	55.05 -1.07 0.00	62.56 -1.28 0.00	80.43 -2.15 0.00	79.88 -0.81 0.00	61.85 -0.69 0.00	55.53 -0.62 0.00	49.76 -0.05 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	50.69 3.09 0.00	46.08 2.65 0.00	44.06 2.53 0.00	44.04 2.45 0.00	44.52 2.60 0.00	47.38 3.06 0.00	62.40 4.03 0.00	70.73 5.00 0.00	64.95 4.81 0.00	59.15 4.43 0.00	56.56 4.14 0.00	52.39 3.79 0.00	50.36 3.69 0.00	49.25 3.44 0.00	47.92 3.47 0.00	50.19 3.59 0.00	53.22 3.94 0.00	60.27 4.15 0.00	68.50 4.66 0.00	88.61 6.03 0.00	86.17 5.49 0.00	66.47 3.94 0.00	59.79 3.65 0.00	52.95 3.14 0.00
MUNSVILLE_WIND_PWR 323609	50.69 3.09 0.00	46.34 2.91 0.00	44.19 2.66 0.00	44.33 2.74 0.00	44.68 2.77 0.00	47.56 3.23 0.00	63.44 5.08 0.00	71.12 5.39 0.00	65.94 4.33 -1.47	58.98 3.39 -0.87	55.94 3.25 -0.27	51.42 2.82 0.00	49.43 2.75 0.00	48.52 2.70 0.00	47.21 2.76 0.00	49.62 3.03 0.00	52.58 3.30 0.00	60.23 3.82 -0.30	69.87 5.04 -0.99	91.82 7.51 -1.73	88.27 7.58 0.00	67.97 5.44 0.00	60.69 4.55 0.00	53.84 4.03 0.00
N SALMON___HYD 24042	47.22 -0.38 0.00	42.91 -0.52 0.00	40.82 -0.71 0.00	40.51 -1.08 0.00	40.41 -1.51 0.00	42.24 -2.08 0.00	97.92 -2.68 -42.23	109.65 -2.89 -46.81	100.52 -2.89 -43.26	92.04 -2.63 -39.95	88.40 -2.57 -38.54	78.92 -2.43 -32.75	79.54 -2.19 -35.06	79.27 -2.11 -35.57	76.83 -2.22 -34.60	80.25 -2.37 -36.02	84.55 -2.51 -37.78	93.84 -2.80 -40.52	108.23 -3.13 -47.52	139.25 -3.55 -60.21	136.46 -3.23 -59.00	106.97 -2.50 -46.93	96.48 -2.30 -42.64	86.20 -1.99 -38.38
N.AKRON__115KV_KNAPP 355671	45.93 -1.67 0.00	41.69 -1.74 0.00	40.28 -1.25 0.00	40.42 -1.16 0.00	40.41 -1.51 0.00	43.00 -1.33 0.00	57.03 -1.34 0.00	63.30 -2.43 0.00	51.66 -2.17 6.32	49.50 -1.48 3.74	49.47 -1.78 1.17	47.77 -0.83 0.00	44.85 -1.82 0.00	44.48 -1.33 0.00	43.08 -1.38 0.00	45.48 -1.12 0.00	47.36 -1.92 0.00	52.03 -2.81 1.28	56.28 -3.32 4.24	69.88 -5.29 7.42	77.94 -2.74 0.00	60.53 -2.00 0.00	54.63 -1.52 0.00	49.46 -0.35 0.00
N.BELMOR_69_KV_BK1 55787	51.32 3.71 -0.01	46.60 3.17 0.00	44.31 2.78 0.00	44.21 2.62 0.00	44.60 2.68 0.00	47.83 3.50 0.00	62.10 3.74 0.00	70.20 4.47 0.00	64.29 4.15 0.00	58.44 3.72 0.00	55.72 3.30 0.00	51.90 3.30 0.00	49.80 3.13 0.00	48.38 2.57 0.00	47.30 2.85 0.00	49.77 3.17 0.00	52.88 3.60 0.00	59.60 3.48 0.00	67.80 3.96 0.00	88.28 5.70 0.00	85.45 4.76 0.00	66.41 3.88 0.00	59.51 3.37 0.00	52.90 3.09 0.00
N.E_GEN_SANDY PD 24062	49.36 1.76 0.00	45.04 1.61 0.00	43.06 1.54 0.00	43.25 1.67 0.00	43.55 1.63 0.00	46.23 1.90 0.00	60.64 2.27 0.00	68.43 2.70 0.00	62.72 2.58 0.00	57.01 2.30 0.00	54.67 2.25 0.00	50.59 1.99 0.00	48.68 2.01 0.00	47.65 1.83 0.00	46.24 1.78 0.00	48.46 1.87 0.00	51.40 2.12 0.00	58.47 2.36 0.00	69.08 2.68 -2.56	83.41 3.39 2.56	83.67 2.99 0.00	64.78 2.25 0.00	58.16 2.02 0.00	51.45 1.64 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	50.12 2.52 0.00	45.69 2.26 0.00	43.65 2.12 0.00	43.67 2.08 0.00	44.14 2.22 0.00	46.94 2.62 0.00	61.75 3.39 0.00	69.94 4.21 0.00	64.11 3.97 0.00	58.38 3.67 0.00	55.88 3.46 0.00	51.66 3.06 0.00	49.71 3.03 0.00	48.65 2.84 0.00	47.34 2.89 0.00	49.58 2.98 0.00	52.53 3.25 0.00	59.43 3.31 0.00	67.48 3.64 0.00	87.29 4.71 0.00	84.96 4.28 0.00	65.60 3.06 0.00	58.95 2.81 0.00	52.25 2.44 0.00
N.QUEENS_27_KV_LOAD 356247	50.84 3.24 -0.01	46.22 2.78 -0.01	44.19 2.66 -0.01	44.21 2.62 -0.01	44.65 2.72 -0.01	47.51 3.19 0.01	62.40 4.03 0.00	70.86 5.13 0.00	65.12 4.99 0.01	59.41 4.71 0.01	56.87 4.46 0.01	52.58 3.99 0.01	50.54 3.87 0.01	49.47 3.67 0.01	48.14 3.69 0.01	50.36 3.77 0.01	53.36 4.09 0.01	60.43 4.32 0.01	68.68 4.85 0.01	88.94 6.36 0.00	86.41 5.73 0.00	66.47 3.94 0.00	59.96 3.82 0.00	53.11 3.29 -0.01
N.TROY___115KV_TB1 355778	49.03 1.43 0.00	44.82 1.39 0.00	42.90 1.37 0.00	43.00 1.41 0.00	43.34 1.43 0.00	45.97 1.64 0.00	60.35 1.98 0.00	67.96 2.23 0.00	62.24 2.10 0.00	56.47 1.75 0.00	54.20 1.78 0.00	50.15 1.56 0.00	48.21 1.54 0.00	47.19 1.37 0.00	45.79 1.33 0.00	48.04 1.44 0.00	50.91 1.63 0.00	58.19 2.08 0.00	66.26 2.43 0.00	85.72 3.14 0.00	83.35 2.66 0.00	64.60 2.06 0.00	57.88 1.74 0.00	51.26 1.44 0.00
NARROWS_GT1_1 24228	57.25 3.76 -5.89	56.42 3.17 -9.83	56.46 2.95 -11.98	55.78 3.08 -11.11	55.74 3.15 -10.68	56.52 3.64 -8.56	63.05 4.67 -0.01	71.52 5.79 -0.01	101.80 5.59 -36.07	97.82 5.14 -37.96	97.81 4.77 -40.62	97.82 4.47 -44.75	97.81 4.29 -46.84	97.81 4.03 -47.96	97.81 3.91 -49.44	97.81 4.15 -47.07	97.82 4.53 -44.01	98.05 4.83 -37.11	98.06 5.42 -28.80	98.08 7.10 -8.40	98.06 6.62 -10.76	97.82 4.63 -30.66	97.83 4.38 -37.30	86.49 3.78 -32.90
NARROWS_GT1_2 24229	57.25 3.76 -5.89	56.42 3.17 -9.83	56.46 2.95 -11.98	55.78 3.08 -11.11	55.74 3.15 -10.68	56.52 3.64 -8.56	63.05 4.67 -0.01	71.52 5.79 -0.01	101.80 5.59 -36.07	97.82 5.14 -37.96	97.81 4.77 -40.62	97.82 4.47 -44.75	97.81 4.29 -46.84	97.81 4.03 -47.96	97.81 3.91 -49.44	97.81 4.15 -47.07	97.82 4.53 -44.01	98.05 4.83 -37.11	98.06 5.42 -28.80	98.08 7.10 -8.40	98.06 6.62 -10.76	97.82 4.63 -30.66	97.83 4.38 -37.30	86.49 3.78 -32.90
NARROWS_GT1_3 24230	57.25 3.76 -5.89	56.42 3.17 -9.83	56.46 2.95 -11.98	55.78 3.08 -11.11	55.74 3.15 -10.68	56.52 3.64 -8.56	63.05 4.67 -0.01	71.52 5.79 -0.01	101.80 5.59 -36.07	97.82 5.14 -37.96	97.81 4.77 -40.62	97.82 4.47 -44.75	97.81 4.29 -46.84	97.81 4.03 -47.96	97.81 3.91 -49.44	97.81 4.15 -47.07	97.82 4.53 -44.01	98.05 4.83 -37.11	98.06 5.42 -28.80	98.08 7.10 -8.40	98.06 6.62 -10.76	97.82 4.63 -30.66	97.83 4.38 -37.30	86.49 3.78 -32.90
NARROWS_GT1_4 24231	57.25 3.76 -5.89	56.42 3.17 -9.83	56.46 2.95 -11.98	55.78 3.08 -11.11	55.74 3.15 -10.68	56.52 3.64 -8.56	63.05 4.67 -0.01	71.52 5.79 -0.01	101.80 5.59 -36.07	97.82 5.14 -37.96	97.81 4.77 -40.62	97.82 4.47 -44.75	97.81 4.29 -46.84	97.81 4.03 -47.96	97.81 3.91 -49.44	97.81 4.15 -47.07	97.82 4.53 -44.01	98.05 4.83 -37.11	98.06 5.42 -28.80	98.08 7.10 -8.40	98.06 6.62 -10.76	97.82 4.63 -30.66	97.83 4.38 -37.30	86.49 3.78 -32.90

NARROWS_GT1_5 24232	57.25 3.76 -5.89	56.42 3.17 -9.83	56.46 2.95 -11.98	55.78 3.08 -11.11	55.74 3.15 -10.68	56.52 3.64 -8.56	63.05 4.67 -0.01	71.52 5.79 -0.01	101.80 5.59 -36.07	97.82 5.14 -37.96	97.81 4.77 -40.62	97.82 4.47 -44.75	97.81 4.29 -46.84	97.81 4.03 -47.96	97.81 3.91 -49.44	97.81 4.15 -47.07	97.82 4.53 -44.01	98.05 4.83 -37.11	98.06 5.42 -28.80	98.08 7.10 -8.40	98.06 6.62 -10.76	97.82 4.63 -30.66	97.83 4.38 -37.30	86.49 3.78 -32.90
NARROWS_GT1_6 24233	57.25 3.76 -5.89	56.42 3.17 -9.83	56.46 2.95 -11.98	55.78 3.08 -11.11	55.74 3.15 -10.68	56.52 3.64 -8.56	63.05 4.67 -0.01	71.52 5.79 -0.01	101.80 5.59 -36.07	97.82 5.14 -37.96	97.81 4.77 -40.62	97.82 4.47 -44.75	97.81 4.29 -46.84	97.81 4.03 -47.96	97.81 3.91 -49.44	97.81 4.15 -47.07	97.82 4.53 -44.01	98.05 4.83 -37.11	98.06 5.42 -28.80	98.08 7.10 -8.40	98.06 6.62 -10.76	97.82 4.63 -30.66	97.83 4.38 -37.30	86.49 3.78 -32.90
NARROWS_GT1_7 24234	57.25 3.76 -5.89	56.42 3.17 -9.83	56.46 2.95 -11.98	55.78 3.08 -11.11	55.74 3.15 -10.68	56.52 3.64 -8.56	63.05 4.67 -0.01	71.52 5.79 -0.01	101.80 5.59 -36.07	97.82 5.14 -37.96	97.81 4.77 -40.62	97.82 4.47 -44.75	97.81 4.29 -46.84	97.81 4.03 -47.96	97.81 3.91 -49.44	97.81 4.15 -47.07	97.82 4.53 -44.01	98.05 4.83 -37.11	98.06 5.42 -28.80	98.08 7.10 -8.40	98.06 6.62 -10.76	97.82 4.63 -30.66	97.83 4.38 -37.30	86.49 3.78 -32.90
NARROWS_GT1_8 24235	57.25 3.76 -5.89	56.42 3.17 -9.83	56.46 2.95 -11.98	55.78 3.08 -11.11	55.74 3.15 -10.68	56.52 3.64 -8.56	63.05 4.67 -0.01	71.52 5.79 -0.01	101.80 5.59 -36.07	97.82 5.14 -37.96	97.81 4.77 -40.62	97.82 4.47 -44.75	97.81 4.29 -46.84	97.81 4.03 -47.96	97.81 3.91 -49.44	97.81 4.15 -47.07	97.82 4.53 -44.01	98.05 4.83 -37.11	98.06 5.42 -28.80	98.08 7.10 -8.40	98.06 6.62 -10.76	97.82 4.63 -30.66	97.83 4.38 -37.30	86.49 3.78 -32.90
NARROWS_GT2_1 24236	57.25 3.76 -5.89	56.42 3.17 -9.83	56.46 2.95 -11.98	55.78 3.08 -11.11	55.74 3.15 -10.68	56.52 3.64 -8.56	63.05 4.67 -0.01	71.52 5.79 -0.01	101.80 5.59 -36.07	97.82 5.14 -37.96	97.81 4.77 -40.62	97.82 4.47 -44.75	97.81 4.29 -46.84	97.81 4.03 -47.96	97.81 3.91 -49.44	97.81 4.15 -47.07	97.82 4.53 -44.01	98.05 4.83 -37.11	98.06 5.42 -28.80	98.08 7.10 -8.40	98.06 6.62 -10.76	97.82 4.63 -30.66	97.83 4.38 -37.30	86.49 3.78 -32.90
NARROWS_GT2_2 24237	57.25 3.76 -5.89	56.42 3.17 -9.83	56.46 2.95 -11.98	55.78 3.08 -11.11	55.74 3.15 -10.68	56.52 3.64 -8.56	63.05 4.67 -0.01	71.52 5.79 -0.01	101.80 5.59 -36.07	97.82 5.14 -37.96	97.81 4.77 -40.62	97.82 4.47 -44.75	97.81 4.29 -46.84	97.81 4.03 -47.96	97.81 3.91 -49.44	97.81 4.15 -47.07	97.82 4.53 -44.01	98.05 4.83 -37.11	98.06 5.42 -28.80	98.08 7.10 -8.40	98.06 6.62 -10.76	97.82 4.63 -30.66	97.83 4.38 -37.30	86.49 3.78 -32.90
NARROWS_GT2_3 24238	57.25 3.76 -5.89	56.42 3.17 -9.83	56.46 2.95 -11.98	55.78 3.08 -11.11	55.74 3.15 -10.68	56.52 3.64 -8.56	63.05 4.67 -0.01	71.52 5.79 -0.01	101.80 5.59 -36.07	97.82 5.14 -37.96	97.81 4.77 -40.62	97.82 4.47 -44.75	97.81 4.29 -46.84	97.81 4.03 -47.96	97.81 3.91 -49.44	97.81 4.15 -47.07	97.82 4.53 -44.01	98.05 4.83 -37.11	98.06 5.42 -28.80	98.08 7.10 -8.40	98.06 6.62 -10.76	97.82 4.63 -30.66	97.83 4.38 -37.30	86.49 3.78 -32.90
NARROWS_GT2_4 24239	57.25 3.76 -5.89	56.42 3.17 -9.83	56.46 2.95 -11.98	55.78 3.08 -11.11	55.74 3.15 -10.68	56.52 3.64 -8.56	63.05 4.67 -0.01	71.52 5.79 -0.01	101.80 5.59 -36.07	97.82 5.14 -37.96	97.81 4.77 -40.62	97.82 4.47 -44.75	97.81 4.29 -46.84	97.81 4.03 -47.96	97.81 3.91 -49.44	97.81 4.15 -47.07	97.82 4.53 -44.01	98.05 4.83 -37.11	98.06 5.42 -28.80	98.08 7.10 -8.40	98.06 6.62 -10.76	97.82 4.63 -30.66	97.83 4.38 -37.30	86.49 3.78 -32.90
NARROWS_GT2_5 24240	57.25 3.76 -5.89	56.42 3.17 -9.83	56.46 2.95 -11.98	55.78 3.08 -11.11	55.74 3.15 -10.68	56.52 3.64 -8.56	63.05 4.67 -0.01	71.52 5.79 -0.01	101.80 5.59 -36.07	97.82 5.14 -37.96	97.81 4.77 -40.62	97.82 4.47 -44.75	97.81 4.29 -46.84	97.81 4.03 -47.96	97.81 3.91 -49.44	97.81 4.15 -47.07	97.82 4.53 -44.01	98.05 4.83 -37.11	98.06 5.42 -28.80	98.08 7.10 -8.40	98.06 6.62 -10.76	97.82 4.63 -30.66	97.83 4.38 -37.30	86.49 3.78 -32.90
NARROWS_GT2_6 24241	57.25 3.76 -5.89	56.42 3.17 -9.83	56.46 2.95 -11.98	55.78 3.08 -11.11	55.74 3.15 -10.68	56.52 3.64 -8.56	63.05 4.67 -0.01	71.52 5.79 -0.01	101.80 5.59 -36.07	97.82 5.14 -37.96	97.81 4.77 -40.62	97.82 4.47 -44.75	97.81 4.29 -46.84	97.81 4.03 -47.96	97.81 3.91 -49.44	97.81 4.15 -47.07	97.82 4.53 -44.01	98.05 4.83 -37.11	98.06 5.42 -28.80	98.08 7.10 -8.40	98.06 6.62 -10.76	97.82 4.63 -30.66	97.83 4.38 -37.30	86.49 3.78 -32.90
NARROWS_GT2_7 24242	57.25 3.76 -5.89	56.42 3.17 -9.83	56.46 2.95 -11.98	55.78 3.08 -11.11	55.74 3.15 -10.68	56.52 3.64 -8.56	63.05 4.67 -0.01	71.52 5.79 -0.01	101.80 5.59 -36.07	97.82 5.14 -37.96	97.81 4.77 -40.62	97.82 4.47 -44.75	97.81 4.29 -46.84	97.81 4.03 -47.96	97.81 3.91 -49.44	97.81 4.15 -47.07	97.82 4.53 -44.01	98.05 4.83 -37.11	98.06 5.42 -28.80	98.08 7.10 -8.40	98.06 6.62 -10.76	97.82 4.63 -30.66	97.83 4.38 -37.30	86.49 3.78 -32.90
NARROWS_GT2_8 24243	57.25 3.76 -5.89	56.42 3.17 -9.83	56.46 2.95 -11.98	55.78 3.08 -11.11	55.74 3.15 -10.68	56.52 3.64 -8.56	63.05 4.67 -0.01	71.52 5.79 -0.01	101.80 5.59 -36.07	97.82 5.14 -37.96	97.81 4.77 -40.62	97.82 4.47 -44.75	97.81 4.29 -46.84	97.81 4.03 -47.96	97.81 3.91 -49.44	97.81 4.15 -47.07	97.82 4.53 -44.01	98.05 4.83 -37.11	98.06 5.42 -28.80	98.08 7.10 -8.40	98.06 6.62 -10.76	97.82 4.63 -30.66	97.83 4.38 -37.30	86.49 3.78 -32.90
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	49.17 1.57 0.00	45.08 1.65 0.00	43.11 1.58 0.00	43.21 1.62 0.00	43.55 1.63 0.00	46.14 1.82 0.00	60.47 2.10 0.00	67.90 2.17 0.00	61.88 1.74 0.00	55.92 1.20 0.00	53.42 1.00 0.00	49.28 0.68 0.00	47.47 0.79 0.00	46.55 0.73 0.00	45.17 0.71 0.00	47.34 0.75 0.00	50.32 1.03 0.00	57.91 1.80 0.00	66.14 2.30 0.00	85.97 3.39 0.00	83.59 2.90 0.00	64.72 2.19 0.00	58.05 1.91 0.00	51.50 1.69 0.00
NCHELSEA_115KV_TR2 355582	50.31 2.71 0.00	45.86 2.43 0.00	43.85 2.33 0.00	43.87 2.29 0.00	44.31 2.39 0.00	47.03 2.70 0.00	61.87 3.50 0.00	70.00 4.27 0.00	64.17 4.03 0.00	58.33 3.61 0.00	55.78 3.35 0.00	51.42 2.82 0.00	49.47 2.80 0.00	48.47 2.66 0.00	47.12 2.67 0.00	49.35 2.75 0.00	52.34 3.06 0.00	59.49 3.37 0.00	67.80 3.96 0.00	87.95 5.37 0.00	85.61 4.92 0.00	66.10 3.56 0.00	59.34 3.20 0.00	52.60 2.79 0.00
NEG CAPITAL___MECHNVIL 23645	49.69 2.09 0.00	45.47 2.04 0.00	43.48 1.95 0.00	43.62 2.04 0.00	43.93 2.01 0.00	46.63 2.30 0.00	61.34 2.98 0.00	69.15 3.42 0.00	63.26 3.13 0.00	57.34 2.63 0.00	55.04 2.62 0.00	50.93 2.33 0.00	48.91 2.24 0.00	47.88 2.06 0.00	46.41 1.95 0.00	48.70 2.10 0.00	51.70 2.41 0.00	59.15 3.03 0.00	67.41 3.57 0.00	87.37 4.79 0.00	84.72 4.03 0.00	65.72 3.19 0.00	58.78 2.64 0.00	52.10 2.29 0.00

NEG CENTRAL_HIGH_ACRES 23767	46.07 -1.53 0.00	41.95 -1.48 0.00	40.24 -1.29 0.00	40.42 -1.16 0.00	40.87 -1.05 0.00	43.22 -1.11 0.00	57.20 -1.17 0.00	64.35 -1.38 0.00	58.82 -1.32 0.00	53.84 -0.88 0.00	51.42 -1.00 0.00	48.02 -0.58 0.00	45.84 -0.84 0.00	45.17 -0.64 0.00	43.92 -0.53 0.00	45.95 -0.65 0.00	48.20 -1.08 0.00	54.66 -1.46 0.00	62.24 -1.59 0.00	80.02 -2.56 0.00	79.24 -1.45 0.00	61.34 -1.19 0.00	54.96 -1.18 0.00	49.11 -0.70 0.00
NEG CENTRAL___DRP 24199	47.55 -0.05 0.00	43.30 -0.13 0.00	41.49 -0.04 0.00	41.63 0.04 0.00	41.96 0.04 0.00	44.64 0.31 0.00	59.01 0.64 0.00	66.45 0.72 0.00	63.16 0.42 -2.60	56.74 0.49 -1.53	53.27 0.37 -0.48	49.23 0.63 0.00	47.00 0.33 0.00	46.27 0.46 0.00	44.86 0.40 0.00	47.06 0.47 0.00	49.63 0.34 0.00	56.87 0.22 -0.53	65.90 0.32 -1.74	85.64 0.00 -3.05	81.25 0.56 0.00	63.10 0.56 0.00	56.54 0.39 0.00	50.41 0.60 0.00
NEG CENTRAL___INDECK 23768	47.50 -0.10 0.00	43.21 -0.22 0.00	41.44 -0.08 0.00	41.67 0.08 0.00	42.17 0.25 0.00	44.68 0.35 0.00	59.36 0.99 0.00	66.32 0.59 0.00	87.52 -0.18 -27.56	70.62 -0.33 -16.23	56.86 -0.63 -5.07	48.36 -0.24 0.00	45.93 -0.75 0.00	45.36 -0.46 0.00	44.15 -0.31 0.00	46.32 -0.28 0.00	48.64 -0.64 0.00	61.05 -0.67 -5.60	82.20 -0.13 -18.49	114.87 -0.08 -32.37	82.38 1.70 0.00	63.85 1.32 0.00	57.04 0.90 0.00	51.20 1.39 0.00
NEG CENTRAL___SENECA 23627	47.60 0.00 0.00	43.34 -0.09 0.00	41.53 0.00 0.00	41.67 0.08 0.00	42.00 0.08 0.00	44.72 0.40 0.00	59.13 0.76 0.00	66.52 0.79 0.00	64.63 0.36 -4.13	57.64 0.49 -2.43	53.44 0.26 -0.76	49.28 0.68 0.00	47.00 0.33 0.00	46.32 0.50 0.00	44.90 0.44 0.00	47.11 0.51 0.00	49.63 0.34 0.00	57.07 0.11 -0.84	66.73 0.13 -2.77	86.94 -0.50 -4.85	81.01 0.32 0.00	63.10 0.56 0.00	56.54 0.39 0.00	50.66 0.85 0.00
NEG CENTRAL___STATE_STREET 24147	47.69 0.10 0.00	43.52 0.09 0.00	41.65 0.12 0.00	41.71 0.12 0.00	42.08 0.17 0.00	44.68 0.35 0.00	59.19 0.82 0.00	66.78 1.05 0.00	61.04 0.90 0.00	55.59 0.88 0.00	53.21 0.79 0.00	49.43 0.83 0.00	47.33 0.65 0.00	46.55 0.73 0.00	45.12 0.67 0.00	47.34 0.75 0.00	49.97 0.69 0.00	56.90 0.79 0.00	64.73 0.89 0.00	83.65 1.07 0.00	82.06 1.37 0.00	63.47 0.94 0.00	56.82 0.67 0.00	50.41 0.60 0.00
NEG MILLWOOD___DRP 24198	50.50 2.90 0.00	46.08 2.65 0.00	44.02 2.49 0.00	44.12 2.54 0.00	44.52 2.60 0.00	47.30 2.97 0.00	62.22 3.85 0.00	70.46 4.73 0.00	64.59 4.45 0.00	58.71 3.99 0.00	56.14 3.72 0.00	51.90 3.30 0.00	50.03 3.36 0.00	48.97 3.16 0.00	47.61 3.16 0.00	49.81 3.22 0.00	52.93 3.65 0.00	60.05 3.93 0.00	68.43 4.60 0.00	88.69 6.11 0.00	86.33 5.65 0.00	66.60 4.06 0.00	59.68 3.54 0.00	52.90 3.09 0.00
NEG NORTH_FLCN_SEA 23793	47.69 0.10 0.00	43.30 -0.13 0.00	41.15 -0.37 0.00	40.84 -0.75 0.00	40.66 -1.26 0.00	42.42 -1.91 0.00	-4.42 -3.04 59.76	-3.81 -3.29 66.26	-4.28 -3.19 61.24	-4.67 -2.85 56.54	-4.86 -2.73 54.56	-0.38 -2.62 46.35	-5.33 -2.38 49.63	-6.86 -2.34 50.34	-6.91 -2.40 48.97	-7.00 -2.61 50.99	-6.95 -2.76 53.48	-6.95 -3.09 59.98	-6.94 -3.51 67.26	-6.75 -4.13 85.20	-6.75 -3.95 83.49	-6.81 -2.94 66.41	-6.89 -2.69 60.34	-6.85 -2.34 54.32
NEG NORTH_KES_CHATEGAY 23792	47.22 -0.38 0.00	42.86 -0.56 0.00	40.78 -0.75 0.00	40.38 -1.21 0.00	40.20 -1.72 0.00	41.93 -2.39 0.00	-10.00 -3.33 65.04	-10.00 -3.62 72.11	-10.00 -3.49 66.65	-10.00 -3.17 61.54	-10.00 -3.04 59.38	-4.72 -2.87 50.45	-10.00 -2.66 54.02	-11.54 -2.57 54.79	-11.42 -2.58 53.30	-11.65 -2.75 55.50	-11.83 -2.91 58.20	-12.35 -3.31 65.16	-13.08 -3.70 73.21	-14.70 -4.54 92.74	-14.54 -4.36 90.87	-13.00 -3.25 72.28	-12.39 -2.86 65.68	-11.85 -2.54 59.13
NEG NORTH___ALICE_FALLS 23915	47.88 0.29 0.00	43.47 0.04 0.00	41.32 -0.21 0.00	40.96 -0.62 0.00	40.83 -1.09 0.00	42.60 -1.73 0.00	-3.84 -2.45 59.76	-3.09 -2.56 66.26	-3.68 -2.59 61.24	-4.12 -2.30 56.54	-4.39 -2.25 54.56	0.01 -2.24 46.35	-4.87 -1.91 49.63	-6.40 -1.88 50.34	-6.51 -2.00 48.97	-6.54 -2.14 50.99	-6.46 -2.27 53.48	-6.38 -2.53 59.98	-6.30 -2.87 67.26	-5.76 -3.14 85.20	-5.71 -2.90 83.49	-6.13 -2.25 66.41	-6.27 -2.08 60.34	-6.30 -1.79 54.32
NEG NORTH___LWR_SARANAC 23913	47.88 0.29 0.00	43.47 0.04 0.00	41.32 -0.21 0.00	40.96 -0.62 0.00	40.83 -1.09 0.00	42.60 -1.73 0.00	-3.84 -2.45 59.76	-3.09 -2.56 66.26	-3.68 -2.59 61.24	-4.12 -2.30 56.54	-4.39 -2.25 54.56	0.01 -2.24 46.35	-4.87 -1.91 49.63	-6.40 -1.88 50.34	-6.51 -2.00 48.97	-6.54 -2.14 50.99	-6.46 -2.27 53.48	-6.38 -2.53 59.98	-6.30 -2.87 67.26	-5.76 -3.14 85.20	-5.71 -2.90 83.49	-6.13 -2.25 66.41	-6.27 -2.08 60.34	-6.30 -1.79 54.32
NEG NORTH___PLATTSBURG 23628	47.89 0.29 0.00	43.47 0.04 0.00	41.32 -0.21 0.00	40.96 -0.62 0.00	40.83 -1.09 0.00	42.60 -1.73 0.00	-3.84 -2.45 59.76	-3.09 -2.56 66.26	-3.68 -2.58 61.24	-4.12 -2.30 56.54	-4.39 -2.25 54.56	0.01 -2.23 46.35	-4.87 -1.92 49.63	-6.41 -1.88 50.34	-6.51 -2.00 48.97	-6.53 -2.14 50.99	-6.46 -2.27 53.48	-6.38 -2.52 59.98	-6.30 -2.87 67.26	-5.76 -3.14 85.20	-5.63 -2.83 83.49	-6.12 -2.25 66.41	-6.27 -2.08 60.34	-6.30 -1.79 54.32
NEG WEST_LEA_LOCKPORT 23791	45.12 -2.48 0.00	40.91 -2.52 0.00	39.58 -1.95 0.00	39.67 -1.91 0.00	39.65 -2.26 0.00	42.15 -2.17 0.00	55.80 -2.57 0.00	61.72 -4.01 0.00	48.17 -3.49 8.48	47.02 -2.68 5.01	47.97 -2.88 1.56	46.75 -1.85 0.00	43.87 -2.80 0.00	43.57 -2.24 0.00	42.19 -2.27 0.00	44.59 -2.00 0.00	46.42 -2.86 0.00	50.35 -4.04 1.72	53.24 -4.92 5.69	65.11 -7.51 9.96	75.84 -4.84 0.00	59.16 -3.38 0.00	53.51 -2.64 0.00	48.57 -1.25 0.00
NEG WEST___LANCASTR 23811	45.93 -1.67 0.00	41.69 -1.74 0.00	40.20 -1.33 0.00	40.21 -1.37 0.00	40.45 -1.47 0.00	42.95 -1.37 0.00	57.03 -1.34 0.00	62.97 -2.76 0.00	53.39 -2.59 4.16	50.25 -2.02 2.44	49.35 -2.31 0.76	47.14 -1.46 0.00	44.53 -2.15 0.00	44.16 -1.65 0.00	42.77 -1.69 0.00	44.97 -1.63 0.00	46.97 -2.32 0.00	51.96 -3.31 0.85	56.96 -4.09 2.79	71.25 -6.44 4.89	76.73 -3.95 0.00	59.60 -2.94 0.00	53.95 -2.19 0.00	49.21 -0.60 0.00
NEG_PENN_ALLEGHNY 23528	47.89 0.29 0.00	43.69 0.26 0.00	41.82 0.29 0.00	41.92 0.33 0.00	42.38 0.46 0.00	44.86 0.53 0.00	59.36 0.99 0.00	67.11 1.38 0.00	61.40 1.26 0.00	55.92 1.20 0.00	53.47 1.05 0.00	49.72 1.12 0.00	47.24 0.56 0.00	46.45 0.64 0.00	45.08 0.62 0.00	47.25 0.65 0.00	49.88 0.59 0.00	56.62 0.50 0.00	64.35 0.51 0.00	83.00 0.41 0.00	81.66 0.97 0.00	63.22 0.69 0.00	56.76 0.62 0.00	50.56 0.75 0.00
NEG___GEN_MONROE 24207	46.69 -0.90 0.00	42.39 -1.04 0.00	40.78 -0.75 0.00	40.88 -0.71 0.00	41.08 -0.84 0.00	43.70 -0.62 0.00	57.78 -0.58 0.00	64.74 -0.99 0.00	57.66 -1.14 1.33	53.27 -0.66 0.79	51.28 -0.89 0.25	48.26 -0.34 0.00	45.83 -0.84 0.00	45.31 -0.50 0.00	43.88 -0.58 0.00	46.13 -0.47 0.00	48.30 -0.99 0.00	54.39 -1.46 0.27	61.28 -1.66 0.89	78.54 -2.48 1.57	79.80 -0.89 0.00	61.85 -0.69 0.00	55.58 -0.56 0.00	49.91 0.10 0.00

NEPA___ENERGY 23901	46.27 -1.33 0.00	42.04 -1.39 0.00	40.49 -1.04 0.00	40.55 -1.04 0.00	40.78 -1.13 0.00	43.35 -0.98 0.00	57.78 -0.58 0.00	64.15 -1.58 0.00	54.53 -1.56 4.05	51.19 -1.15 2.38	50.26 -1.42 0.74	47.82 -0.78 0.00	45.23 -1.45 0.00	44.81 -1.01 0.00	43.39 -1.07 0.00	45.67 -0.93 0.00	47.75 -1.53 0.00	52.88 -2.41 0.82	57.99 -3.13 2.72	72.79 -5.04 4.76	78.18 -2.50 0.00	60.85 -1.69 0.00	55.08 -1.07 0.00	50.01 0.20 0.00
NEVERSink___HYD 23608	49.74 2.14 0.00	45.43 2.00 0.00	43.40 1.87 0.00	43.50 1.91 0.00	43.85 1.93 0.00	46.54 2.22 0.00	61.29 2.92 0.00	69.21 3.48 0.00	63.32 3.19 0.00	57.56 2.84 0.00	54.99 2.57 0.00	50.79 2.19 0.00	48.87 2.19 0.00	47.92 2.11 0.00	46.54 2.09 0.00	48.79 2.19 0.00	51.75 2.46 0.00	58.98 2.86 0.00	67.16 3.32 0.00	87.20 4.62 0.00	84.88 4.19 0.00	65.47 2.94 0.00	58.84 2.69 0.00	52.15 2.34 0.00
NEWKRMKL_115KV_TB1 55635	48.22 0.62 0.00	44.12 0.69 0.00	42.23 0.71 0.00	42.34 0.75 0.00	42.71 0.80 0.00	45.21 0.89 0.00	59.24 0.88 0.00	66.78 1.05 0.00	61.16 1.02 0.00	55.54 0.82 0.00	53.31 0.89 0.00	49.33 0.73 0.00	47.47 0.79 0.00	46.50 0.69 0.00	45.17 0.71 0.00	47.25 0.65 0.00	50.07 0.79 0.00	57.18 1.07 0.00	65.05 1.21 0.00	84.15 1.57 0.00	81.82 1.13 0.00	63.41 0.88 0.00	56.82 0.67 0.00	50.36 0.55 0.00
NEWTON___FALLS_HYD 23847	45.88 -1.71 0.00	41.91 -1.52 0.00	39.99 -1.54 0.00	40.01 -1.58 0.00	40.24 -1.68 0.00	42.55 -1.77 0.00	63.04 -2.04 -6.71	71.00 -2.17 -7.44	64.61 -2.41 -6.88	58.66 -2.41 -6.35	56.24 -2.31 -6.13	51.47 -2.33 -5.21	50.10 -2.15 -5.57	49.36 -2.11 -5.65	47.91 -2.04 -5.50	50.23 -2.10 -5.73	53.17 -2.12 -6.00	59.95 -2.19 -6.02	69.28 -2.11 -7.55	90.09 -2.06 -9.57	87.97 -2.10 -9.38	68.43 -1.56 -7.46	61.24 -1.68 -6.78	54.32 -1.59 -6.10
NGRID_A1_DSASP 323792	44.65 -2.95 0.00	40.52 -2.91 0.00	39.08 -2.45 0.00	39.34 -2.25 0.00	39.95 -1.97 0.00	41.75 -2.57 0.00	55.22 -3.15 0.00	60.93 -4.80 0.00	48.88 -4.33 6.93	47.30 -3.34 4.08	47.64 -3.51 1.27	46.02 -2.58 0.00	43.55 -3.13 0.00	43.29 -2.52 0.00	42.23 -2.22 0.00	44.22 -2.37 0.00	45.98 -3.30 0.00	50.05 -4.66 1.41	53.51 -5.68 4.65	65.78 -8.67 8.13	74.80 -5.89 0.00	58.66 -3.88 0.00	52.83 -3.31 0.00	47.97 -1.84 0.00
NGRID_A2_DSASP 323793	44.65 -2.95 0.00	40.52 -2.91 0.00	39.08 -2.45 0.00	39.34 -2.25 0.00	39.95 -1.97 0.00	41.75 -2.57 0.00	55.22 -3.15 0.00	60.93 -4.80 0.00	48.88 -4.33 6.93	47.30 -3.34 4.08	47.64 -3.51 1.27	46.02 -2.58 0.00	43.55 -3.13 0.00	43.29 -2.52 0.00	42.23 -2.22 0.00	44.22 -2.37 0.00	45.98 -3.30 0.00	50.05 -4.66 1.41	53.51 -5.68 4.65	65.78 -8.67 8.13	74.80 -5.89 0.00	58.66 -3.88 0.00	52.83 -3.31 0.00	47.97 -1.84 0.00
NGRID_A4_DSASP 323807	44.65 -2.95 0.00	40.52 -2.91 0.00	39.08 -2.45 0.00	39.34 -2.25 0.00	39.95 -1.97 0.00	41.75 -2.57 0.00	55.22 -3.15 0.00	60.93 -4.80 0.00	48.88 -4.33 6.93	47.30 -3.34 4.08	47.64 -3.51 1.27	46.02 -2.58 0.00	43.55 -3.13 0.00	43.29 -2.52 0.00	42.23 -2.22 0.00	44.22 -2.37 0.00	45.98 -3.30 0.00	50.05 -4.66 1.41	53.51 -5.68 4.65	65.78 -8.67 8.13	74.80 -5.89 0.00	58.66 -3.88 0.00	52.83 -3.31 0.00	47.97 -1.84 0.00
NIAGARA_115E_LBMP 323715	44.45 -3.14 0.00	40.35 -3.08 0.00	38.99 -2.53 0.00	39.05 -2.54 0.00	39.65 -2.26 0.00	41.53 -2.79 0.00	54.98 -3.39 0.00	60.67 -5.06 0.00	48.57 -4.75 6.82	47.00 -3.72 3.99	47.30 -3.88 1.25	45.73 -2.87 0.00	43.22 -3.45 0.00	42.97 -2.84 0.00	41.97 -2.49 0.00	43.99 -2.61 0.00	45.73 -3.55 0.00	49.79 -4.94 1.39	53.33 -5.94 4.58	65.57 -9.00 8.01	74.55 -6.14 0.00	58.47 -4.06 0.00	52.66 -3.48 0.00	47.82 -1.99 0.00
NIAGARA_115W_LBMP 323714	44.50 -3.09 0.00	40.39 -3.04 0.00	38.95 -2.57 0.00	39.26 -2.33 0.00	39.86 -2.05 0.00	41.62 -2.71 0.00	55.04 -3.32 0.00	60.73 -5.00 0.00	48.59 -4.57 6.97	47.11 -3.50 4.10	47.47 -3.67 1.28	45.88 -2.72 0.00	43.41 -3.27 0.00	43.16 -2.66 0.00	42.10 -2.36 0.00	44.08 -2.52 0.00	45.83 -3.45 0.00	49.87 -4.83 1.42	53.29 -5.87 4.68	65.39 -9.00 8.19	74.55 -6.14 0.00	58.47 -4.06 0.00	52.66 -3.48 0.00	47.82 -1.99 0.00
NIAGARA_230_LBMP 323716	44.93 -2.66 0.00	40.78 -2.65 0.00	39.33 -2.20 0.00	39.47 -2.12 0.00	40.07 -1.84 0.00	42.02 -2.31 0.00	55.57 -2.80 0.00	61.39 -4.34 0.00	49.04 -3.85 7.25	47.55 -2.90 4.27	48.00 -3.09 1.33	46.36 -2.23 0.00	43.83 -2.85 0.00	43.52 -2.29 0.00	42.50 -1.96 0.00	44.45 -2.14 0.00	46.27 -3.01 0.00	50.43 -4.21 1.47	53.80 -5.17 4.86	66.05 -8.01 8.52	75.36 -5.33 0.00	59.03 -3.50 0.00	53.22 -2.92 0.00	48.27 -1.54 0.00
NIAGARA___115KV_198_GIBSON 55903	44.55 -3.05 0.00	40.39 -3.04 0.00	39.20 -2.33 0.00	39.09 -2.50 0.00	39.15 -2.77 0.00	41.58 -2.75 0.00	54.98 -3.39 0.00	60.73 -5.00 0.00	48.59 -4.57 6.97	47.11 -3.50 4.10	47.47 -3.67 1.28	46.07 -2.53 0.00	43.41 -3.27 0.00	43.16 -2.66 0.00	41.79 -2.67 0.00	44.08 -2.52 0.00	45.83 -3.45 0.00	49.87 -4.83 1.42	53.22 -5.94 4.68	65.47 -8.92 8.19	74.47 -6.21 0.00	58.16 -4.38 0.00	52.66 -3.48 0.00	47.82 -1.99 0.00
NIAGARA___ 23760	44.93 -2.66 0.00	40.78 -2.65 0.00	39.33 -2.20 0.00	39.47 -2.12 0.00	40.07 -1.84 0.00	42.02 -2.31 0.00	55.57 -2.80 0.00	61.39 -4.34 0.00	49.26 -3.85 7.03	47.71 -2.90 4.10	48.05 -3.09 1.27	46.36 -2.23 0.00	43.83 -2.85 0.00	43.52 -2.29 0.00	42.50 -1.96 0.00	44.45 -2.14 0.00	46.27 -3.01 0.00	50.48 -4.21 1.43	53.94 -5.17 4.72	66.29 -8.01 8.28	75.36 -5.33 0.00	59.03 -3.50 0.00	53.22 -2.92 0.00	48.27 -1.54 0.00
NINE_MILE_1 23575	46.41 -1.19 0.00	42.34 -1.08 0.00	40.49 -1.04 0.00	40.59 -1.00 0.00	40.95 -0.96 0.00	43.35 -0.98 0.00	57.20 -1.17 0.00	64.42 -1.31 0.00	58.87 -1.27 0.00	53.68 -1.04 0.00	51.37 -1.05 0.00	47.67 -0.92 0.00	45.74 -0.93 0.00	44.99 -0.82 0.00	43.66 -0.80 0.00	45.76 -0.84 0.00	48.34 -0.94 0.00	55.00 -1.12 0.00	62.56 -1.28 0.00	80.93 -1.65 0.00	79.24 -1.45 0.00	61.41 -1.12 0.00	55.02 -1.12 0.00	48.86 -0.95 0.00
NINE_MILE_2 23744	46.41 -1.19 0.00	42.34 -1.08 0.00	40.53 -1.00 0.00	40.59 -1.00 0.00	40.95 -0.96 0.00	43.35 -0.98 0.00	57.20 -1.17 0.00	64.42 -1.31 0.00	58.94 -1.20 0.00	53.68 -1.04 0.00	51.37 -1.05 0.00	47.67 -0.92 0.00	45.74 -0.93 0.00	44.99 -0.82 0.00	43.66 -0.80 0.00	45.76 -0.84 0.00	48.34 -0.94 0.00	55.00 -1.12 0.00	62.56 -1.28 0.00	80.93 -1.65 0.00	79.24 -1.45 0.00	61.41 -1.12 0.00	55.08 -1.07 0.00	48.86 -0.95 0.00
NM_CAPITAL___DRP 24208	48.36 0.76 0.00	44.25 0.83 0.00	42.36 0.83 0.00	42.46 0.87 0.00	42.84 0.92 0.00	45.34 1.02 0.00	59.42 1.05 0.00	66.91 1.18 0.00	61.34 1.20 0.00	55.70 0.98 0.00	53.47 1.05 0.00	49.52 0.92 0.00	47.61 0.93 0.00	46.64 0.82 0.00	45.30 0.84 0.00	47.39 0.79 0.00	50.22 0.94 0.00	57.35 1.23 0.00	65.24 1.40 0.00	84.40 1.82 0.00	81.98 1.29 0.00	63.60 1.06 0.00	57.04 0.90 0.00	50.51 0.70 0.00

NM_CENTRAL___DRP 24181	47.31 -0.29 0.00	43.17 -0.26 0.00	41.32 -0.21 0.00	41.42 -0.17 0.00	41.75 -0.17 0.00	44.28 -0.04 0.00	58.54 0.18 0.00	65.99 0.26 0.00	60.38 0.24 0.00	55.05 0.33 0.00	52.68 0.26 0.00	48.94 0.34 0.00	46.95 0.28 0.00	46.09 0.27 0.00	44.72 0.27 0.00	46.92 0.33 0.00	49.53 0.25 0.00	56.34 0.22 0.00	64.09 0.26 0.00	82.83 0.25 0.00	81.17 0.48 0.00	62.72 0.19 0.00	56.26 0.11 0.00	49.91 0.10 0.00
NM_FRONTIER___DRP 24179	44.55 -3.05 0.00	40.39 -3.04 0.00	39.20 -2.33 0.00	39.09 -2.50 0.00	39.15 -2.77 0.00	41.58 -2.75 0.00	54.98 -3.39 0.00	60.73 -5.00 0.00	48.59 -4.57 6.97	47.11 -3.50 4.10	47.47 -3.67 1.28	46.07 -2.53 0.00	43.41 -3.27 0.00	43.16 -2.66 0.00	41.79 -2.67 0.00	44.08 -2.52 0.00	45.83 -3.45 0.00	49.87 -4.83 1.42	53.22 -5.94 4.68	65.47 -8.92 8.19	74.47 -6.21 0.00	58.16 -4.38 0.00	52.66 -3.48 0.00	47.82 -1.99 0.00
NM_ST_REGIS___HYD 24053	46.27 -1.33 0.00	42.17 -1.26 0.00	40.16 -1.37 0.00	40.01 -1.58 0.00	40.11 -1.80 0.00	42.11 -2.22 0.00	72.10 -2.80 -16.53	81.03 -3.02 -18.32	73.95 -3.13 -16.93	67.45 -2.90 -15.64	64.73 -2.78 -15.09	58.75 -2.67 -12.82	57.97 -2.43 -13.72	57.40 -2.34 -13.92	55.60 -2.40 -13.54	58.18 -2.52 -14.10	61.41 -2.66 -14.79	68.54 -2.92 -15.34	79.25 -3.19 -18.60	102.27 -3.88 -23.57	100.07 -3.71 -23.10	78.34 -2.56 -18.37	70.48 -2.36 -16.69	62.74 -2.09 -15.02
NORTHPORT___1 23551	51.27 3.67 -0.01	46.34 2.91 0.00	43.73 2.20 0.00	44.21 2.62 0.00	44.22 2.30 0.00	47.47 3.15 0.00	60.93 2.57 0.00	68.88 3.15 0.00	63.03 2.89 0.00	57.29 2.57 0.00	54.62 2.20 0.00	51.22 2.62 0.00	48.73 2.05 0.00	47.51 1.70 0.00	46.19 1.73 0.00	48.93 2.33 0.00	51.84 2.56 0.00	58.53 2.41 0.00	66.52 2.68 0.00	86.63 4.05 0.00	83.59 2.90 0.00	64.91 2.38 0.00	58.28 2.13 0.00	51.85 2.04 0.00
NORTHPORT___2 23552	51.27 3.67 -0.01	46.34 2.91 0.00	43.73 2.20 0.00	44.21 2.62 0.00	44.22 2.30 0.00	47.47 3.15 0.00	60.93 2.57 0.00	68.88 3.15 0.00	63.03 2.89 0.00	57.29 2.57 0.00	54.62 2.20 0.00	51.22 2.62 0.00	48.73 2.05 0.00	47.51 1.70 0.00	46.19 1.73 0.00	48.93 2.33 0.00	51.84 2.56 0.00	58.53 2.41 0.00	66.52 2.68 0.00	86.63 4.05 0.00	83.59 2.90 0.00	64.91 2.38 0.00	58.28 2.13 0.00	51.85 2.04 0.00
NORTHPORT___3 23553	51.46 3.85 -0.01	46.60 3.17 0.00	44.06 2.53 0.00	44.50 2.91 0.00	44.56 2.64 0.00	47.83 3.50 0.00	61.93 3.56 0.00	70.07 4.34 0.00	64.17 4.03 0.00	58.38 3.67 0.00	55.67 3.25 0.00	51.91 3.31 0.00	49.57 2.89 0.00	48.29 2.47 0.00	46.94 2.49 0.00	49.67 3.07 0.00	52.73 3.45 0.00	59.66 3.54 0.00	67.86 4.02 0.00	88.27 5.69 0.00	85.36 4.68 0.00	66.22 3.69 0.00	59.46 3.31 0.00	52.75 2.94 0.00
NORTHPORT___4 23650	51.46 3.85 -0.01	46.60 3.17 0.00	44.06 2.53 0.00	44.50 2.91 0.00	44.56 2.64 0.00	47.83 3.50 0.00	61.93 3.56 0.00	70.07 4.34 0.00	64.17 4.03 0.00	58.38 3.67 0.00	55.67 3.25 0.00	51.91 3.31 0.00	49.57 2.89 0.00	48.29 2.47 0.00	46.94 2.49 0.00	49.67 3.07 0.00	52.73 3.45 0.00	59.66 3.54 0.00	67.86 4.02 0.00	88.27 5.69 0.00	85.36 4.68 0.00	66.22 3.69 0.00	59.46 3.31 0.00	52.75 2.94 0.00
NORTHPORT___IC 23718	51.18 3.57 -0.01	46.38 2.95 0.00	44.06 2.53 0.00	43.87 2.29 0.00	44.22 2.31 0.00	47.47 3.15 0.00	61.05 2.68 0.00	68.89 3.16 0.00	63.03 2.89 0.00	57.23 2.52 0.00	54.62 2.20 0.00	51.13 2.53 0.00	48.96 2.29 0.00	47.42 1.60 0.00	46.46 2.00 0.00	48.93 2.33 0.00	51.84 2.56 0.00	58.53 2.41 0.00	66.39 2.55 0.00	86.55 3.96 0.00	83.59 2.90 0.00	65.04 2.50 0.00	58.22 2.08 0.00	51.85 2.04 0.00
NORTH___COUNTRY_ESR 323785	47.22 -0.38 0.00	42.86 -0.57 0.00	40.78 -0.75 0.00	40.38 -1.21 0.00	40.20 -1.72 0.00	41.93 -2.39 0.00	-10.00 -3.32 65.04	-10.00 -3.62 72.11	-10.00 -3.49 66.65	-10.00 -3.17 61.54	-10.00 -3.04 59.38	-4.72 -2.87 50.45	-10.00 -2.66 54.02	-11.54 -2.56 54.79	-11.42 -2.58 53.30	-11.65 -2.75 55.50	-11.83 -2.91 58.20	-12.29 -3.26 65.16	-13.08 -3.70 73.21	-14.70 -4.54 92.74	-14.54 -4.36 90.87	-13.00 -3.25 72.28	-12.39 -2.86 65.68	-11.85 -2.54 59.13
NPX_GEN_1385_PROXY 323591	51.08 3.47 -0.01	46.17 2.74 0.00	43.56 2.03 0.00	44.04 2.45 0.00	44.01 2.09 0.00	47.30 2.97 0.00	60.71 2.34 0.00	68.29 2.56 0.00	62.06 1.92 0.00	56.03 1.31 0.00	53.89 1.47 0.00	50.79 2.19 0.00	47.89 1.21 0.00	46.78 0.96 0.00	45.34 0.89 0.00	48.04 1.45 0.00	51.05 1.77 0.00	57.97 1.85 0.00	68.31 1.91 -2.56	82.99 2.97 2.56	82.38 1.70 0.00	64.35 1.81 0.00	57.38 1.23 0.00	51.10 1.29 0.00
NPX_GEN_CSC 323557	51.84 4.23 -0.01	46.25 2.82 0.00	43.27 1.74 0.00	44.04 2.45 0.00	43.72 1.80 0.00	47.30 2.97 0.00	60.53 2.16 0.00	68.49 2.76 0.00	62.91 2.77 0.00	57.34 2.63 0.00	54.78 2.36 0.00	50.64 2.04 0.00	47.84 1.17 0.00	46.18 0.36 0.00	45.26 0.80 0.00	48.04 1.45 0.00	51.11 1.82 0.00	57.97 1.85 0.00	68.57 2.17 -2.56	83.41 3.39 2.56	82.87 2.18 0.00	64.41 1.87 0.00	57.89 1.74 0.00	51.40 1.59 0.00
NSINS_S___GLNS_FALLS 23858	50.07 2.48 0.00	45.82 2.39 0.00	43.85 2.33 0.00	43.96 2.37 0.00	44.26 2.35 0.00	47.03 2.70 0.00	62.05 3.68 0.00	70.00 4.27 0.00	63.99 3.85 0.00	57.89 3.17 0.00	55.51 3.09 0.00	51.42 2.82 0.00	49.33 2.66 0.00	48.24 2.43 0.00	46.68 2.22 0.00	49.07 2.47 0.00	52.14 2.86 0.00	59.71 3.59 0.00	68.18 4.34 0.00	88.53 5.95 0.00	85.69 5.00 0.00	66.47 3.94 0.00	59.29 3.14 0.00	52.60 2.79 0.00
NUCOR_STEEL___DRP 24197	47.84 0.24 0.00	43.65 0.22 0.00	41.78 0.25 0.00	41.88 0.29 0.00	42.17 0.25 0.00	44.81 0.49 0.00	59.30 0.93 0.00	66.85 1.12 0.00	61.10 0.96 0.00	55.65 0.93 0.00	53.21 0.79 0.00	49.47 0.87 0.00	47.37 0.70 0.00	46.55 0.73 0.00	45.12 0.67 0.00	47.39 0.79 0.00	49.97 0.69 0.00	56.90 0.79 0.00	64.80 0.96 0.00	83.74 1.16 0.00	82.22 1.53 0.00	63.60 1.06 0.00	56.93 0.79 0.00	50.56 0.75 0.00
NUMBER_THREE_WT_PWR 323818	46.89 -0.71 0.00	42.82 -0.61 0.00	40.95 -0.58 0.00	41.00 -0.58 0.00	41.29 -0.63 0.00	43.88 -0.44 0.00	61.15 -0.17 -2.95	68.87 -0.13 -3.27	62.62 -0.54 -3.02	56.69 -0.82 -2.79	54.33 -0.78 -2.69	49.92 -0.97 -2.29	48.29 -0.84 -2.45	47.43 -0.87 -2.49	46.12 -0.76 -2.42	48.37 -0.75 -2.52	51.33 -0.59 -2.64	58.36 -0.45 -2.69	67.29 0.13 -3.32	87.78 0.99 -4.21	85.70 0.89 -4.12	66.26 0.44 -3.28	59.18 0.06 -2.98	52.34 -0.15 -2.68
NYISO_LBMP_REFERENCE 24008	47.60 0.00 0.00	43.43 0.00 0.00	41.53 0.00 0.00	41.59 0.00 0.00	41.92 0.00 0.00	44.33 0.00 0.00	58.37 0.00 0.00	65.73 0.00 0.00	60.14 0.00 0.00	54.72 0.00 0.00	52.42 0.00 0.00	48.60 0.00 0.00	46.67 0.00 0.00	45.81 0.00 0.00	44.46 0.00 0.00	46.60 0.00 0.00	49.28 0.00 0.00	56.12 0.00 0.00	63.84 0.00 0.00	82.58 0.00 0.00	80.69 0.00 0.00	62.53 0.00 0.00	56.14 0.00 0.00	49.81 0.00 0.00

NYPA_BRENTWD____GT 24164	51.89 4.29 -0.01	46.82 3.39 0.00	44.15 2.62 0.00	44.66 3.08 0.00	44.64 2.72 0.00	47.96 3.64 0.00	61.81 3.44 0.00	69.87 4.14 0.00	63.93 3.79 0.00	58.06 3.34 0.00	55.35 2.93 0.00	51.71 3.11 0.00	49.01 2.33 0.00	47.74 1.92 0.00	46.46 2.00 0.00	49.39 2.80 0.00	52.48 3.20 0.00	59.32 3.20 0.00	67.35 3.51 0.00	87.70 5.12 0.00	84.64 3.95 0.00	65.72 3.19 0.00	59.23 3.09 0.00	52.60 2.79 0.00
NYPA_GOWANUS____GT5 24156	57.25 3.76 -5.89	56.42 3.17 -9.83	56.46 2.95 -11.98	55.78 3.08 -11.11	55.74 3.15 -10.68	56.52 3.64 -8.56	63.05 4.67 -0.01	71.52 5.79 -0.01	101.80 5.59 -36.07	97.82 5.14 -37.96	97.81 4.77 -40.62	97.82 4.47 -44.75	97.81 4.29 -46.84	97.81 4.03 -47.96	97.81 3.91 -49.44	97.81 4.15 -47.07	97.82 4.53 -44.01	98.05 4.83 -37.11	98.06 5.42 -28.80	98.08 7.10 -8.40	98.06 6.62 -10.76	97.82 4.63 -30.66	97.83 4.38 -37.30	86.49 3.78 -32.90
NYPA_GOWANUS____GT6 24157	57.25 3.76 -5.89	56.42 3.17 -9.83	56.46 2.95 -11.98	55.78 3.08 -11.11	55.74 3.15 -10.68	56.52 3.64 -8.56	63.05 4.67 -0.01	71.52 5.79 -0.01	101.80 5.59 -36.07	97.82 5.14 -37.96	97.81 4.77 -40.62	97.82 4.47 -44.75	97.81 4.29 -46.84	97.81 4.03 -47.96	97.81 3.91 -49.44	97.81 4.15 -47.07	97.82 4.53 -44.01	98.05 4.83 -37.11	98.06 5.42 -28.80	98.08 7.10 -8.40	98.06 6.62 -10.76	97.82 4.63 -30.66	97.83 4.38 -37.30	86.49 3.78 -32.90
NYPA_HARLEM__RVR__GT1 24160	50.99 3.38 -0.01	46.13 2.69 -0.01	44.11 2.58 -0.01	44.30 2.70 -0.01	44.61 2.69 -0.01	47.42 3.10 0.01	62.33 3.97 0.01	70.65 4.93 0.01	65.00 4.87 0.01	59.31 4.60 0.01	56.76 4.35 0.01	52.62 4.03 0.01	50.54 3.87 0.01	49.42 3.62 0.01	47.96 3.51 0.01	50.27 3.68 0.01	53.26 3.99 0.01	60.32 4.21 0.01	68.62 4.79 0.01	88.68 6.11 0.01	86.32 5.65 0.01	66.34 3.82 0.01	59.84 3.70 0.01	53.01 3.19 -0.01
NYPA_HARLEM__RVR__GT2 24161	50.99 3.38 -0.01	46.13 2.69 -0.01	44.11 2.58 -0.01	44.30 2.70 -0.01	44.61 2.69 -0.01	47.42 3.10 0.01	62.33 3.97 0.01	70.65 4.93 0.01	65.00 4.87 0.01	59.31 4.60 0.01	56.76 4.35 0.01	52.62 4.03 0.01	50.54 3.87 0.01	49.42 3.62 0.01	47.96 3.51 0.01	50.27 3.68 0.01	53.26 3.99 0.01	60.32 4.21 0.01	68.62 4.79 0.01	88.68 6.11 0.01	86.32 5.65 0.01	66.34 3.82 0.01	59.84 3.70 0.01	53.01 3.19 -0.01
NYPA_KENT____GT 24152	54.59 3.62 -3.38	52.10 3.04 -5.63	51.22 2.83 -6.87	50.91 2.95 -6.37	51.05 3.02 -6.12	52.88 3.50 -5.06	62.87 4.49 0.00	71.32 5.58 0.00	88.74 5.41 -23.19	84.10 4.98 -24.41	83.20 4.66 -26.12	82.81 4.38 -29.83	82.89 4.15 -32.07	82.46 3.94 -32.71	82.54 3.82 -34.26	81.82 4.05 -31.17	82.70 4.38 -29.04	84.69 4.71 -23.86	87.59 5.24 -18.51	94.16 6.77 -4.81	93.14 6.30 -6.16	84.46 4.38 -17.55	81.71 4.21 -21.36	74.60 3.63 -21.15
NYPA_POUCH1____GT 24155	57.15 3.67 -5.89	56.34 3.08 -9.83	56.38 2.86 -11.98	55.70 3.00 -11.11	55.66 3.06 -10.68	56.38 3.50 -8.56	62.87 4.49 -0.01	71.19 5.45 -0.01	101.50 5.29 -36.07	97.55 4.87 -37.96	97.55 4.51 -40.62	97.58 4.23 -44.75	97.58 4.06 -46.84	97.58 3.80 -47.96	97.58 3.69 -49.44	62.06 3.87 -11.59	60.78 4.24 -7.26	97.77 4.54 -37.11	97.75 5.11 -28.80	97.66 6.69 -8.40	97.74 6.30 -10.76	97.57 4.38 -30.66	97.66 4.21 -37.30	86.25 3.54 -32.90
NYPA_VERNON____GT2 24162	51.93 3.47 -0.86	47.77 2.91 -1.43	45.97 2.70 -1.75	46.04 2.83 -1.62	46.33 2.85 -1.56	49.25 3.37 -1.56	62.69 4.32 0.00	71.12 5.39 0.00	75.68 5.23 -10.31	70.44 4.87 -10.85	68.59 4.56 -11.61	67.74 4.23 -14.91	68.02 4.06 -17.29	67.06 3.80 -17.45	67.22 3.69 -19.08	65.80 3.91 -15.28	67.63 4.29 -14.07	71.27 4.54 -10.61	77.18 5.11 -8.23	90.41 6.61 -1.22	88.30 6.05 -1.56	71.17 4.19 -4.45	65.54 3.99 -5.41	62.70 3.49 -9.40
NYPA_VERNON____GT3 24163	51.93 3.47 -0.86	47.77 2.91 -1.43	45.97 2.70 -1.75	46.04 2.83 -1.62	46.33 2.85 -1.56	49.25 3.37 -1.56	62.69 4.32 0.00	71.12 5.39 0.00	75.68 5.23 -10.31	70.44 4.87 -10.85	68.59 4.56 -11.61	67.74 4.23 -14.91	68.02 4.06 -17.29	67.06 3.80 -17.45	67.22 3.69 -19.08	65.80 3.91 -15.28	67.63 4.29 -14.07	71.27 4.54 -10.61	77.18 5.11 -8.23	90.41 6.61 -1.22	88.30 6.05 -1.56	71.17 4.19 -4.45	65.54 3.99 -5.41	62.70 3.49 -9.40
NYPA__ASTORIA_CC1 323568	51.03 3.43 -0.01	46.30 2.87 -0.01	44.20 2.66 -0.01	44.42 2.83 -0.01	44.78 2.85 -0.01	47.97 3.33 -0.32	62.63 4.26 0.00	71.05 5.32 0.00	70.43 5.17 -5.12	64.92 4.82 -5.38	62.69 4.51 -5.76	61.26 4.18 -8.48	61.26 4.01 -10.57	60.14 3.76 -10.57	60.14 3.69 -12.00	59.03 3.91 -8.52	61.26 4.24 -7.74	65.87 4.49 -5.26	72.96 5.04 -4.08	89.03 6.45 0.00	86.66 5.97 0.00	66.66 4.13 0.00	60.13 3.99 0.00	57.91 3.43 -4.66
NYPA__ASTORIA_CC2 323569	51.03 3.43 -0.01	46.30 2.87 -0.01	44.20 2.66 -0.01	44.42 2.83 -0.01	44.78 2.85 -0.01	47.97 3.33 -0.32	62.63 4.26 0.00	71.05 5.32 0.00	70.43 5.17 -5.12	64.92 4.82 -5.38	62.69 4.51 -5.76	61.26 4.18 -8.48	61.26 4.01 -10.57	60.14 3.76 -10.57	60.14 3.69 -12.00	59.03 3.91 -8.52	61.26 4.24 -7.74	65.87 4.49 -5.26	72.96 5.04 -4.08	89.03 6.45 0.00	86.66 5.97 0.00	66.66 4.13 0.00	60.13 3.99 0.00	57.91 3.43 -4.66
NYPA__HOLTSVILL 23794	51.70 4.09 -0.01	46.51 3.08 0.00	43.77 2.24 0.00	44.33 2.74 0.00	44.26 2.35 0.00	47.56 3.23 0.00	61.11 2.74 0.00	69.15 3.42 0.00	63.26 3.13 0.00	57.56 2.84 0.00	54.89 2.46 0.00	51.12 2.53 0.00	48.59 1.91 0.00	47.24 1.42 0.00	46.01 1.56 0.00	48.79 2.19 0.00	51.84 2.56 0.00	58.70 2.58 0.00	66.78 2.94 0.00	86.87 4.29 0.00	83.83 3.14 0.00	65.10 2.56 0.00	58.56 2.41 0.00	52.00 2.19 0.00
NYPA____HELLGATE_GT1 24158	50.99 3.38 -0.01	46.13 2.69 -0.01	44.11 2.58 -0.01	44.30 2.70 -0.01	44.61 2.69 -0.01	47.42 3.10 0.01	62.33 3.97 0.01	70.65 4.93 0.01	65.00 4.87 0.01	59.31 4.60 0.01	56.76 4.35 0.01	52.62 4.03 0.01	50.54 3.87 0.01	49.42 3.62 0.01	47.96 3.51 0.01	50.27 3.68 0.01	53.26 3.99 0.01	60.32 4.21 0.01	68.62 4.79 0.01	88.68 6.11 0.01	86.32 5.65 0.01	66.34 3.82 0.01	59.84 3.70 0.01	53.01 3.19 -0.01
NYPA____HELLGATE_GT2 24159	50.99 3.38 -0.01	46.13 2.69 -0.01	44.11 2.58 -0.01	44.30 2.70 -0.01	44.61 2.69 -0.01	47.42 3.10 0.01	62.33 3.97 0.01	70.65 4.93 0.01	65.00 4.87 0.01	59.31 4.60 0.01	56.76 4.35 0.01	52.62 4.03 0.01	50.54 3.87 0.01	49.42 3.62 0.01	47.96 3.51 0.01	50.27 3.68 0.01	53.26 3.99 0.01	60.32 4.21 0.01	68.62 4.79 0.01	88.68 6.11 0.01	86.32 5.65 0.01	66.34 3.82 0.01	59.84 3.70 0.01	53.01 3.19 -0.01
NYS_BARGE__HYD 23848	45.12 -2.48 0.00	40.96 -2.47 0.00	39.53 -1.99 0.00	39.63 -1.95 0.00	40.24 -1.68 0.00	42.20 -2.13 0.00	55.92 -2.45 0.00	61.79 -3.94 0.00	49.58 -3.43 7.13	47.92 -2.57 4.22	48.32 -2.78 1.32	46.70 -1.90 0.00	43.88 -2.80 0.00	43.62 -2.20 0.00	42.54 -1.91 0.00	44.64 -1.96 0.00	46.48 -2.81 0.00	50.63 -4.04 1.45	54.20 -4.85 4.78	66.77 -7.43 8.38	76.00 -4.68 0.00	59.47 -3.06 0.00	53.51 -2.64 0.00	48.57 -1.24 0.00

OAK ORCHARD___HYD 24046	46.65 -0.95 0.00	42.43 -1.00 0.00	40.70 -0.83 0.00	40.88 -0.71 0.00	41.37 -0.55 0.00	43.66 -0.66 0.00	57.78 -0.58 0.00	64.81 -0.92 0.00	59.24 -0.90 0.00	54.28 -0.44 0.00	51.85 -0.58 0.00	48.45 -0.15 0.00	46.16 -0.51 0.00	45.59 -0.23 0.00	44.32 -0.13 0.00	46.41 -0.19 0.00	48.59 -0.69 0.00	55.05 -1.07 0.00	62.56 -1.28 0.00	80.43 -2.15 0.00	79.96 -0.73 0.00	61.97 -0.56 0.00	55.53 -0.62 0.00	49.76 -0.05 0.00
OAKDALE___35_KV_LOAD 356122	47.79 0.19 0.00	43.56 0.13 0.00	41.73 0.21 0.00	41.84 0.25 0.00	42.21 0.29 0.00	44.72 0.40 0.00	59.13 0.76 0.00	66.39 0.66 0.00	60.74 0.60 0.00	55.32 0.60 0.00	52.89 0.47 0.00	49.18 0.58 0.00	47.05 0.37 0.00	46.27 0.46 0.00	44.86 0.40 0.00	47.06 0.47 0.00	49.68 0.39 0.00	56.40 0.28 0.00	64.03 0.19 0.00	82.58 0.00 0.00	81.25 0.56 0.00	62.97 0.44 0.00	56.54 0.39 0.00	50.41 0.60 0.00
OCC_CHEM___DRP 24175	44.69 -2.90 0.00	40.52 -2.91 0.00	39.33 -2.20 0.00	39.26 -2.33 0.00	39.28 -2.64 0.00	41.71 -2.62 0.00	55.16 -3.21 0.00	60.93 -4.80 0.00	48.88 -4.33 6.93	47.30 -3.34 4.08	47.64 -3.51 1.27	46.22 -2.38 0.00	43.55 -3.13 0.00	43.29 -2.52 0.00	41.92 -2.53 0.00	44.22 -2.38 0.00	45.98 -3.30 0.00	50.05 -4.66 1.41	53.45 -5.75 4.65	65.78 -8.67 8.13	74.72 -5.97 0.00	58.34 -4.19 0.00	52.83 -3.31 0.00	47.97 -1.84 0.00
OH_GEN_PROXY 24063	44.98 -2.62 0.00	40.87 -2.56 0.00	39.37 -2.16 0.00	39.51 -2.08 0.00	40.16 -1.76 0.00	42.11 -2.22 0.00	55.68 -2.68 0.00	61.59 -4.14 0.00	49.90 -3.73 6.51	48.10 -2.79 3.83	48.24 -2.99 1.20	46.41 -2.19 0.00	43.92 -2.75 0.00	43.62 -2.20 0.00	42.59 -1.87 0.00	44.55 -2.05 0.00	46.42 -2.86 0.00	50.70 -4.09 1.32	57.05 -4.98 1.81	64.61 -7.77 10.21	75.52 -5.17 0.00	59.16 -3.38 0.00	53.28 -2.86 0.00	48.32 -1.49 0.00
OLIN_CORP_DRP 24177	44.60 -3.00 0.00	40.43 -3.00 0.00	39.12 -2.41 0.00	39.26 -2.33 0.00	39.19 -2.72 0.00	41.67 -2.66 0.00	55.04 -3.33 0.00	60.87 -4.86 0.00	48.86 -4.57 6.71	47.23 -3.56 3.93	47.47 -3.72 1.23	46.02 -2.58 0.00	43.36 -3.31 0.00	43.11 -2.70 0.00	41.74 -2.71 0.00	44.08 -2.52 0.00	45.83 -3.45 0.00	49.98 -4.77 1.36	53.53 -5.81 4.50	65.95 -8.75 7.88	74.72 -5.97 0.00	58.28 -4.25 0.00	52.78 -3.37 0.00	47.92 -1.89 0.00
OLIN_CORP_DSASP 323712	44.65 -2.95 0.00	40.52 -2.91 0.00	39.08 -2.45 0.00	39.34 -2.25 0.00	39.95 -1.97 0.00	41.75 -2.57 0.00	55.22 -3.15 0.00	60.93 -4.80 0.00	48.88 -4.33 6.93	47.30 -3.34 4.08	47.64 -3.51 1.27	46.02 -2.58 0.00	43.55 -3.13 0.00	43.29 -2.52 0.00	42.23 -2.22 0.00	44.22 -2.37 0.00	45.98 -3.30 0.00	50.05 -4.66 1.41	53.51 -5.68 4.65	65.78 -8.67 8.13	74.80 -5.89 0.00	58.66 -3.88 0.00	52.83 -3.31 0.00	47.97 -1.84 0.00
ONEIDA_HERK_LFGE 323681	47.93 0.34 0.00	43.77 0.35 0.00	41.86 0.33 0.00	41.92 0.33 0.00	42.25 0.33 0.00	44.81 0.49 0.00	60.75 0.99 -1.39	68.39 1.12 -1.55	62.41 0.84 -1.43	56.64 0.60 -1.32	54.27 0.58 -1.27	50.07 0.39 -1.08	48.30 0.47 -1.16	47.40 0.41 -1.17	46.04 0.44 -1.14	48.30 0.51 -1.19	51.17 0.64 -1.25	58.29 0.84 -1.32	66.75 1.34 -1.57	86.88 2.31 -1.99	84.81 2.18 -1.95	65.52 1.44 -1.55	58.62 1.06 -1.41	51.87 0.79 -1.27
ONEIDA___115KV_TB4 55905	48.60 1.00 0.00	44.38 0.96 0.00	42.48 0.96 0.00	42.59 1.00 0.00	42.88 0.96 0.00	45.57 1.24 0.00	60.35 1.98 0.00	67.96 2.23 0.00	62.00 1.86 0.00	56.30 1.59 0.00	53.99 1.57 0.00	49.91 1.31 0.00	48.03 1.35 0.00	47.10 1.28 0.00	45.74 1.29 0.00	47.95 1.35 0.00	50.81 1.53 0.00	57.86 1.74 0.00	66.14 2.30 0.00	85.97 3.39 0.00	83.99 3.31 0.00	64.85 2.31 0.00	58.00 1.85 0.00	51.40 1.59 0.00
ONONDAGA_REF_OCCRA 23987	47.50 -0.10 0.00	43.30 -0.13 0.00	41.44 -0.08 0.00	41.55 -0.04 0.00	41.87 -0.04 0.00	44.46 0.13 0.00	58.78 0.41 0.00	66.26 0.53 0.00	60.62 0.48 0.00	55.21 0.49 0.00	52.84 0.42 0.00	49.04 0.44 0.00	47.05 0.37 0.00	46.23 0.41 0.00	44.81 0.36 0.00	47.02 0.42 0.00	49.68 0.39 0.00	56.51 0.39 0.00	64.35 0.51 0.00	83.16 0.58 0.00	81.49 0.81 0.00	63.03 0.50 0.00	56.48 0.34 0.00	50.06 0.25 0.00
ONONDAGA___COGEN 23986	47.55 -0.05 0.00	43.39 -0.04 0.00	41.49 -0.04 0.00	41.63 0.04 0.00	41.92 0.00 0.00	44.50 0.18 0.00	58.84 0.47 0.00	66.32 0.59 0.00	60.68 0.54 0.00	55.26 0.55 0.00	52.95 0.52 0.00	49.13 0.53 0.00	47.09 0.42 0.00	46.32 0.50 0.00	44.90 0.44 0.00	47.11 0.51 0.00	49.73 0.44 0.00	56.62 0.51 0.00	64.41 0.57 0.00	83.24 0.66 0.00	81.57 0.89 0.00	63.10 0.56 0.00	56.54 0.39 0.00	50.11 0.30 0.00
ONTARIO___LFGE 23819	47.60 0.00 0.00	43.34 -0.09 0.00	41.53 0.00 0.00	41.67 0.08 0.00	42.17 0.25 0.00	44.72 0.40 0.00	59.13 0.76 0.00	66.52 0.79 0.00	64.63 0.36 -4.13	57.64 0.49 -2.43	53.44 0.26 -0.76	49.28 0.68 0.00	47.00 0.33 0.00	46.32 0.50 0.00	44.99 0.54 0.00	47.11 0.51 0.00	49.63 0.35 0.00	57.07 0.11 -0.84	66.74 0.13 -2.77	86.94 -0.49 -4.85	81.25 0.57 0.00	63.22 0.69 0.00	56.54 0.40 0.00	50.66 0.85 0.00
ORANGEVILLE_WT_PWR 323706	44.79 -2.81 0.00	40.74 -2.69 0.00	39.16 -2.37 0.00	39.30 -2.29 0.00	39.82 -2.09 0.00	41.97 -2.35 0.00	55.51 -2.86 0.00	61.59 -4.14 0.00	11.08 -4.09 44.96	24.69 -3.56 26.47	40.54 -3.62 8.26	45.83 -2.77 0.00	43.31 -3.36 0.00	42.93 -2.88 0.00	41.79 -2.67 0.00	43.75 -2.84 0.00	45.83 -3.45 0.00	42.60 -4.38 9.14	28.77 -4.91 30.16	22.92 -6.85 52.81	76.33 -4.36 0.00	59.85 -2.69 0.00	53.90 -2.25 0.00	48.76 -1.05 0.00
ORANGEVILLE___ESR 323794	44.79 -2.81 0.00	40.74 -2.69 0.00	39.16 -2.37 0.00	39.30 -2.29 0.00	39.82 -2.09 0.00	41.97 -2.35 0.00	55.51 -2.86 0.00	61.59 -4.14 0.00	11.08 -4.09 44.96	24.69 -3.56 26.47	40.54 -3.62 8.26	45.83 -2.77 0.00	43.31 -3.36 0.00	42.93 -2.88 0.00	41.79 -2.67 0.00	43.75 -2.84 0.00	45.83 -3.45 0.00	42.60 -4.38 9.14	28.77 -4.91 30.16	22.92 -6.85 52.81	76.33 -4.36 0.00	59.85 -2.69 0.00	53.90 -2.25 0.00	48.76 -1.05 0.00
OSWEGATCHIE___HYD 24044	45.89 -1.71 0.00	41.91 -1.52 0.00	40.03 -1.49 0.00	40.01 -1.58 0.00	40.24 -1.68 0.00	42.55 -1.77 0.00	63.04 -2.04 -6.71	71.00 -2.17 -7.44	64.61 -2.41 -6.88	58.66 -2.41 -6.35	56.24 -2.31 -6.13	51.47 -2.33 -5.21	50.10 -2.15 -5.57	49.36 -2.11 -5.65	47.91 -2.04 -5.50	50.23 -2.10 -5.73	53.17 -2.12 -6.00	59.95 -2.19 -6.02	69.29 -2.11 -7.55	90.09 -2.06 -9.57	88.05 -2.01 -9.38	68.37 -1.63 -7.46	61.24 -1.68 -6.78	54.31 -1.60 -6.10
OSWEGO___5 23606	46.69 -0.91 0.00	42.60 -0.83 0.00	40.78 -0.75 0.00	40.88 -0.71 0.00	41.24 -0.67 0.00	43.66 -0.66 0.00	57.61 -0.76 0.00	64.87 -0.86 0.00	59.30 -0.84 0.00	54.06 -0.65 0.00	51.74 -0.68 0.00	48.02 -0.58 0.00	46.02 -0.65 0.00	45.27 -0.55 0.00	43.97 -0.49 0.00	46.09 -0.51 0.00	48.64 -0.64 0.00	55.39 -0.73 0.00	63.01 -0.83 0.00	81.42 -1.16 0.00	79.80 -0.89 0.00	61.79 -0.75 0.00	55.41 -0.73 0.00	49.16 -0.65 0.00

OSWEGO___6 23613	46.69 -0.91 0.00	42.60 -0.83 0.00	40.78 -0.75 0.00	40.88 -0.71 0.00	41.24 -0.67 0.00	43.66 -0.66 0.00	57.61 -0.76 0.00	64.87 -0.86 0.00	59.30 -0.84 0.00	54.06 -0.65 0.00	51.74 -0.68 0.00	48.02 -0.58 0.00	46.02 -0.65 0.00	45.27 -0.55 0.00	43.97 -0.49 0.00	46.09 -0.51 0.00	48.64 -0.64 0.00	55.39 -0.73 0.00	63.01 -0.83 0.00	81.42 -1.16 0.00	79.80 -0.89 0.00	61.79 -0.75 0.00	55.41 -0.73 0.00	49.16 -0.65 0.00
OUTOKUMPU-AB___DRP 24206	45.65 -1.95 0.00	41.34 -2.08 0.00	40.03 -1.49 0.00	40.05 -1.54 0.00	40.07 -1.84 0.00	42.55 -1.77 0.00	56.38 -1.98 0.00	62.38 -3.35 0.00	50.60 -3.01 6.54	48.68 -2.19 3.85	48.75 -2.46 1.20	47.19 -1.41 0.00	44.57 -2.10 0.00	44.30 -1.51 0.00	42.85 -1.60 0.00	45.11 -1.49 0.00	46.92 -2.37 0.00	51.31 -3.48 1.33	55.18 -4.28 4.38	68.05 -6.85 7.68	76.57 -4.11 0.00	59.66 -2.88 0.00	53.95 -2.19 0.00	48.96 -0.85 0.00
OXBOW___BTM 323836	45.07 -2.52 0.00	40.91 -2.52 0.00	39.41 -2.12 0.00	39.67 -1.91 0.00	40.28 -1.64 0.00	42.07 -2.26 0.00	55.74 -2.63 0.00	61.59 -4.14 0.00	49.68 -3.73 6.73	47.91 -2.85 3.96	48.14 -3.04 1.24	46.46 -2.14 0.00	44.02 -2.66 0.00	43.71 -2.11 0.00	42.63 -1.82 0.00	44.60 -2.00 0.00	46.42 -2.86 0.00	50.60 -4.15 1.37	54.28 -5.04 4.51	66.83 -7.85 7.90	75.61 -5.08 0.00	59.28 -3.25 0.00	53.34 -2.81 0.00	48.42 -1.39 0.00
OXBOW____ 24026	45.12 -2.48 0.00	40.91 -2.52 0.00	39.62 -1.91 0.00	39.59 -2.00 0.00	39.61 -2.31 0.00	42.06 -2.26 0.00	55.68 -2.68 0.00	61.59 -4.14 0.00	49.68 -3.73 6.73	47.91 -2.85 3.96	48.14 -3.04 1.24	46.66 -1.94 0.00	44.01 -2.66 0.00	43.75 -2.06 0.00	42.32 -2.13 0.00	44.59 -2.00 0.00	46.42 -2.86 0.00	50.65 -4.10 1.37	54.28 -5.04 4.51	66.83 -7.85 7.90	75.60 -5.08 0.00	58.91 -3.63 0.00	53.34 -2.81 0.00	48.42 -1.39 0.00
OXY_CHEM_DSASP 323612	44.69 -2.90 0.00	40.52 -2.91 0.00	39.33 -2.20 0.00	39.26 -2.33 0.00	39.28 -2.64 0.00	41.71 -2.62 0.00	55.16 -3.21 0.00	60.93 -4.80 0.00	48.88 -4.33 6.93	47.30 -3.34 4.08	47.64 -3.51 1.27	46.22 -2.38 0.00	43.55 -3.13 0.00	43.29 -2.52 0.00	41.92 -2.53 0.00	44.22 -2.38 0.00	45.98 -3.30 0.00	50.05 -4.66 1.41	53.45 -5.75 4.65	65.78 -8.67 8.13	74.72 -5.97 0.00	58.34 -4.19 0.00	52.83 -3.31 0.00	47.97 -1.84 0.00
OZONE_PARK_ESR 323760	51.12 3.52 0.00	46.47 3.04 0.00	44.39 2.87 0.00	44.37 2.79 0.00	44.85 2.93 0.00	47.78 3.46 0.00	63.04 4.67 0.00	71.51 5.78 0.00	65.67 5.53 0.00	59.81 5.09 0.00	57.19 4.77 0.00	52.97 4.37 0.00	50.92 4.25 0.00	49.75 3.94 0.00	48.41 3.96 0.00	50.70 4.10 0.00	53.82 4.53 0.00	60.94 4.83 0.00	69.33 5.49 0.00	89.68 7.10 0.00	87.22 6.54 0.00	67.22 4.69 0.00	60.47 4.32 0.00	53.55 3.74 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	44.69 -2.90 0.00	40.52 -2.91 0.00	39.33 -2.20 0.00	39.26 -2.33 0.00	39.28 -2.64 0.00	41.71 -2.62 0.00	55.16 -3.21 0.00	60.93 -4.80 0.00	48.88 -4.33 6.93	47.30 -3.34 4.08	47.64 -3.51 1.27	46.22 -2.38 0.00	43.55 -3.13 0.00	43.29 -2.52 0.00	41.92 -2.53 0.00	44.22 -2.38 0.00	45.98 -3.30 0.00	50.05 -4.66 1.41	53.45 -5.75 4.65	65.78 -8.67 8.13	74.72 -5.97 0.00	58.34 -4.19 0.00	52.83 -3.31 0.00	47.97 -1.84 0.00
PACKARD__115KV_DUPONT_184 80571	44.69 -2.90 0.00	40.52 -2.91 0.00	39.33 -2.20 0.00	39.26 -2.33 0.00	39.28 -2.64 0.00	41.71 -2.62 0.00	55.16 -3.21 0.00	60.93 -4.80 0.00	48.88 -4.33 6.93	47.30 -3.34 4.08	47.64 -3.51 1.27	46.22 -2.38 0.00	43.55 -3.13 0.00	43.29 -2.52 0.00	41.92 -2.53 0.00	44.22 -2.38 0.00	45.98 -3.30 0.00	50.05 -4.66 1.41	53.45 -5.75 4.65	65.78 -8.67 8.13	74.72 -5.97 0.00	58.34 -4.19 0.00	52.83 -3.31 0.00	47.97 -1.84 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	50.79 3.19 -0.01	46.17 2.74 -0.01	44.15 2.62 -0.01	44.13 2.54 -0.01	44.61 2.68 -0.01	47.42 3.10 0.01	62.34 3.97 0.00	70.79 5.06 0.00	65.00 4.87 0.01	59.25 4.54 0.01	56.66 4.25 0.01	52.48 3.89 0.01	50.45 3.78 0.01	49.33 3.53 0.01	48.00 3.56 0.01	50.27 3.68 0.01	53.27 3.99 0.01	60.32 4.21 0.01	68.55 4.72 0.01	88.77 6.19 0.00	86.25 5.57 0.00	66.35 3.81 0.00	59.85 3.71 0.00	53.01 3.19 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	50.89 3.28 -0.01	46.26 2.82 -0.01	44.23 2.70 -0.01	44.26 2.66 -0.01	44.69 2.77 -0.01	47.55 3.24 0.01	62.45 4.09 0.00	70.92 5.19 0.00	65.06 4.93 0.01	59.25 4.54 0.01	56.66 4.25 0.01	52.43 3.84 0.01	50.45 3.78 0.01	49.29 3.48 0.01	47.96 3.51 0.01	50.22 3.63 0.01	53.22 3.94 0.01	60.26 4.15 0.01	68.55 4.72 0.01	88.77 6.19 0.00	86.41 5.73 0.00	66.54 4.00 0.00	60.07 3.93 0.00	53.26 3.44 -0.01
PATROON__115KV_TB1 80586	48.36 0.76 0.00	44.25 0.83 0.00	42.36 0.83 0.00	42.46 0.87 0.00	42.84 0.92 0.00	45.34 1.02 0.00	59.42 1.05 0.00	66.98 1.25 0.00	61.34 1.20 0.00	55.70 0.98 0.00	53.47 1.05 0.00	49.52 0.92 0.00	47.61 0.93 0.00	46.64 0.82 0.00	45.30 0.84 0.00	47.39 0.79 0.00	50.27 0.99 0.00	57.35 1.23 0.00	65.24 1.40 0.00	84.48 1.90 0.00	82.06 1.37 0.00	63.60 1.06 0.00	56.99 0.84 0.00	50.51 0.70 0.00
PATTRSNVILLE___SOLAR 323815	49.41 1.81 0.00	45.17 1.74 0.00	43.19 1.66 0.00	43.33 1.75 0.00	43.64 1.72 0.00	46.27 1.95 0.00	60.93 2.57 0.00	68.49 2.76 0.00	62.55 2.41 0.00	56.52 1.80 0.00	54.15 1.73 0.00	50.11 1.51 0.00	48.17 1.49 0.00	47.24 1.42 0.00	45.75 1.29 0.00	48.09 1.49 0.00	51.05 1.77 0.00	58.53 2.41 0.00	66.78 2.94 0.00	86.54 3.96 0.00	84.15 3.47 0.00	65.22 2.69 0.00	58.39 2.25 0.00	51.81 1.99 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	46.03 -1.57 0.00	41.78 -1.65 0.00	40.28 -1.25 0.00	40.34 -1.25 0.00	40.49 -1.43 0.00	43.00 -1.33 0.00	57.08 -1.28 0.00	63.10 -2.63 0.00	52.78 -2.47 4.90	49.98 -1.86 2.88	49.43 -2.10 0.90	47.38 -1.21 0.00	44.71 -1.96 0.00	44.39 -1.42 0.00	42.94 -1.51 0.00	45.29 -1.30 0.00	47.21 -2.07 0.00	52.09 -3.03 1.00	56.72 -3.83 3.29	70.72 -6.11 5.75	77.06 -3.63 0.00	59.91 -2.63 0.00	54.24 -1.91 0.00	49.36 -0.45 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	50.50 2.90 0.00	46.08 2.65 0.00	44.02 2.49 0.00	44.12 2.54 0.00	44.52 2.60 0.00	47.30 2.97 0.00	62.22 3.85 0.00	70.46 4.73 0.00	64.59 4.45 0.00	58.71 3.99 0.00	56.14 3.72 0.00	51.90 3.30 0.00	50.03 3.36 0.00	48.97 3.16 0.00	47.61 3.16 0.00	49.81 3.22 0.00	52.93 3.65 0.00	60.05 3.93 0.00	68.43 4.60 0.00	88.69 6.11 0.00	86.33 5.65 0.00	66.60 4.06 0.00	59.68 3.54 0.00	52.90 3.09 0.00
PEEKSKILL____ 23653	50.17 2.57 0.00	45.69 2.26 0.00	43.60 2.08 0.00	43.75 2.16 0.00	44.09 2.18 0.00	46.90 2.57 0.00	61.69 3.33 0.00	69.87 4.14 0.00	64.11 3.97 0.00	58.33 3.61 0.00	55.83 3.41 0.00	51.71 3.11 0.00	49.71 3.03 0.00	48.65 2.84 0.00	47.26 2.80 0.00	49.54 2.94 0.00	52.53 3.25 0.00	59.48 3.37 0.00	67.54 3.70 0.00	87.45 4.87 0.00	85.04 4.35 0.00	65.66 3.13 0.00	59.01 2.86 0.00	52.30 2.49 0.00

PGE MADISON___WINDPWR 24146	50.69 3.09 0.00	46.34 2.91 0.00	44.19 2.66 0.00	44.33 2.74 0.00	44.68 2.77 0.00	47.56 3.23 0.00	63.44 5.08 0.00	71.12 5.39 0.00	65.94 4.33 -1.47	58.98 3.39 -0.87	55.94 3.25 -0.27	51.42 2.82 0.00	49.43 2.75 0.00	48.52 2.70 0.00	47.21 2.76 0.00	49.62 3.03 0.00	52.58 3.30 0.00	60.23 3.82 -0.30	69.87 5.04 -0.99	91.82 7.51 -1.73	88.27 7.58 0.00	67.97 5.44 0.00	60.69 4.55 0.00	53.84 4.03 0.00
PIERCEFIELD___HYD 23852	45.93 -1.67 0.00	41.91 -1.52 0.00	39.95 -1.58 0.00	39.84 -1.75 0.00	40.03 -1.89 0.00	42.11 -2.22 0.00	65.44 -2.80 -9.87	73.58 -3.09 -10.94	67.12 -3.13 -10.11	61.15 -2.90 -9.34	58.65 -2.78 -9.01	53.58 -2.67 -7.65	52.44 -2.43 -8.19	51.74 -2.38 -8.31	50.14 -2.40 -8.08	52.45 -2.56 -8.42	55.45 -2.66 -8.83	61.96 -2.97 -8.82	71.75 -3.19 -11.11	92.77 -3.88 -14.07	90.68 -3.79 -13.79	71.00 -2.50 -10.97	63.75 -2.36 -9.97	56.74 -2.04 -8.97
PINELAWN_CC_1 323563	51.61 4.00 -0.01	46.64 3.21 0.00	44.10 2.58 0.00	44.54 2.95 0.00	44.56 2.64 0.00	47.87 3.55 0.00	61.34 2.98 0.00	69.08 3.35 0.00	63.38 3.25 0.00	57.62 2.90 0.00	54.94 2.52 0.00	51.32 2.72 0.00	48.87 2.19 0.00	47.65 1.83 0.00	46.32 1.87 0.00	49.07 2.47 0.00	52.14 2.86 0.00	58.92 2.80 0.00	66.84 3.00 0.00	87.04 4.46 0.00	84.00 3.31 0.00	65.47 2.94 0.00	58.78 2.64 0.00	52.25 2.44 0.00
PJM_GEN_HTP_PROXY 323702	50.79 3.19 0.00	46.12 2.69 0.00	44.02 2.49 0.00	44.21 2.62 0.00	44.47 2.56 0.00	47.38 3.06 0.00	62.51 4.14 0.00	70.79 5.06 0.00	65.01 4.87 0.00	59.20 4.49 0.00	56.67 4.24 0.00	52.53 3.93 0.00	50.45 3.78 0.00	49.34 3.53 0.00	47.88 3.42 0.00	50.23 3.64 0.00	53.27 3.99 0.00	60.33 4.21 0.00	71.05 4.66 -2.56	86.22 6.20 2.56	86.18 5.49 0.00	66.48 3.94 0.00	59.74 3.60 0.00	52.95 3.14 0.00
PJM_GEN_KEystone 24065	48.03 0.43 0.00	43.73 0.31 0.00	41.82 0.29 0.00	41.96 0.37 0.00	42.46 0.54 0.00	44.99 0.67 0.00	59.42 1.05 0.00	66.72 0.99 0.00	61.10 0.96 0.00	55.70 0.99 0.00	53.21 0.79 0.00	49.52 0.92 0.00	47.33 0.65 0.00	46.54 0.73 0.00	45.21 0.76 0.00	47.39 0.79 0.00	49.97 0.69 0.00	56.40 0.28 0.00	66.46 0.06 -2.56	79.69 -0.33 2.56	81.09 0.41 0.00	62.85 0.31 0.00	56.54 0.40 0.00	50.61 0.79 0.00
PJM_GEN_NEPTUNE_PROXY 323594	50.99 3.38 -0.01	46.25 2.82 0.00	43.77 2.24 0.00	44.17 2.58 0.00	44.26 2.35 0.00	47.43 3.10 0.00	61.46 3.09 0.00	69.54 3.81 0.00	63.69 3.55 0.00	58.00 3.28 0.00	55.30 2.88 0.00	51.56 2.96 0.00	49.24 2.57 0.00	48.01 2.20 0.00	46.68 2.22 0.00	49.35 2.75 0.00	52.39 3.11 0.00	59.20 3.08 0.00	69.90 3.51 -2.56	84.98 4.95 2.56	84.64 3.95 0.00	65.66 3.13 0.00	58.95 2.81 0.00	52.35 2.54 0.00
PJM_GEN_VFT_PROXY 323633	50.65 3.05 0.00	45.99 2.56 0.00	43.89 2.37 0.00	44.12 2.54 0.00	44.39 2.47 0.00	47.30 2.97 0.00	62.34 3.97 0.00	70.59 4.86 0.00	64.83 4.69 0.00	59.10 4.38 0.00	56.56 4.14 0.00	52.49 3.89 0.00	50.41 3.74 0.00	49.25 3.44 0.00	47.74 3.29 0.00	50.09 3.50 0.00	53.13 3.85 0.00	60.16 4.04 0.00	70.93 4.53 -2.56	85.97 5.95 2.56	86.01 5.32 0.00	66.29 3.75 0.00	59.63 3.48 0.00	52.85 3.04 0.00
PLATSBURG_115KV_PMLD1 355749	47.65 0.05 0.00	43.30 -0.13 0.00	41.15 -0.37 0.00	40.80 -0.79 0.00	40.66 -1.26 0.00	42.37 -1.95 0.00	-4.31 -2.92 59.76	-3.68 -3.16 66.26	-4.16 -3.07 61.24	-4.62 -2.79 56.54	-4.81 -2.67 54.56	-0.28 -2.53 46.35	-5.24 -2.29 49.63	-6.82 -2.29 50.34	-6.87 -2.36 48.97	-6.91 -2.52 50.99	-6.85 -2.66 53.48	-6.83 -2.97 59.98	-6.81 -3.38 67.26	-6.67 -4.05 85.20	-6.59 -3.79 83.49	-6.75 -2.88 66.41	-6.78 -2.58 60.34	-6.75 -2.24 54.32
PLEASANTVLY___LBMP 24000	49.88 2.28 0.00	45.47 2.04 0.00	43.48 1.95 0.00	43.50 1.91 0.00	43.93 2.01 0.00	46.67 2.35 0.00	61.35 2.98 0.00	69.41 3.68 0.00	63.69 3.55 0.00	57.95 3.23 0.00	55.51 3.09 0.00	51.37 2.77 0.00	49.38 2.71 0.00	48.33 2.52 0.00	46.99 2.53 0.00	49.21 2.61 0.00	52.19 2.91 0.00	59.15 3.03 0.00	67.22 3.38 0.00	86.96 4.38 0.00	84.56 3.87 0.00	65.41 2.88 0.00	58.73 2.58 0.00	52.05 2.24 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	50.36 2.76 0.00	45.86 2.43 0.00	43.81 2.28 0.00	43.83 2.25 0.00	44.31 2.39 0.00	47.12 2.79 0.00	61.99 3.62 0.00	70.20 4.47 0.00	64.41 4.27 0.00	58.66 3.94 0.00	56.09 3.67 0.00	51.95 3.35 0.00	49.94 3.27 0.00	48.84 3.02 0.00	47.52 3.07 0.00	49.77 3.17 0.00	52.78 3.50 0.00	59.82 3.70 0.00	67.99 4.15 0.00	88.03 5.45 0.00	85.61 4.92 0.00	66.10 3.56 0.00	59.34 3.20 0.00	52.60 2.79 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	50.36 2.76 0.00	45.86 2.43 0.00	43.81 2.28 0.00	43.83 2.25 0.00	44.31 2.39 0.00	47.12 2.79 0.00	61.99 3.62 0.00	70.20 4.47 0.00	64.41 4.27 0.00	58.66 3.94 0.00	56.09 3.67 0.00	51.95 3.35 0.00	49.94 3.27 0.00	48.84 3.02 0.00	47.52 3.07 0.00	49.77 3.17 0.00	52.78 3.50 0.00	59.82 3.70 0.00	67.99 4.15 0.00	88.03 5.45 0.00	85.61 4.92 0.00	66.10 3.56 0.00	59.34 3.20 0.00	52.60 2.79 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	50.22 2.62 0.00	45.77 2.35 0.00	43.77 2.24 0.00	43.79 2.20 0.00	44.22 2.31 0.00	46.98 2.66 0.00	61.75 3.39 0.00	69.81 4.08 0.00	63.99 3.85 0.00	58.16 3.45 0.00	55.62 3.20 0.00	51.42 2.82 0.00	49.52 2.85 0.00	48.47 2.66 0.00	47.12 2.67 0.00	49.35 2.75 0.00	52.34 3.06 0.00	59.49 3.37 0.00	67.73 3.89 0.00	87.78 5.20 0.00	85.45 4.76 0.00	65.97 3.44 0.00	59.23 3.09 0.00	52.45 2.64 0.00
POLETTI___ 23519	50.69 3.09 0.00	46.08 2.65 0.00	44.02 2.49 0.00	44.00 2.41 0.00	44.47 2.56 0.00	47.38 3.06 0.00	62.45 4.09 0.00	70.79 5.06 0.00	65.01 4.87 0.00	59.20 4.49 0.00	56.61 4.19 0.00	52.44 3.84 0.00	50.41 3.73 0.00	49.30 3.48 0.00	47.97 3.51 0.00	50.23 3.63 0.00	53.27 3.99 0.00	60.33 4.21 0.00	68.56 4.72 0.00	88.69 6.11 0.00	86.25 5.57 0.00	66.47 3.94 0.00	59.79 3.65 0.00	53.00 3.19 0.00
POMONA___ESR 323819	50.17 2.57 0.00	45.69 2.26 0.00	43.60 2.08 0.00	43.75 2.16 0.00	44.14 2.22 0.00	46.94 2.61 0.00	61.75 3.38 0.00	69.94 4.21 0.00	64.11 3.97 0.00	58.38 3.67 0.00	55.88 3.46 0.00	51.71 3.11 0.00	49.75 3.08 0.00	48.70 2.89 0.00	47.26 2.80 0.00	49.58 2.98 0.00	52.53 3.25 0.00	59.43 3.31 0.00	67.41 3.57 0.00	87.37 4.79 0.00	84.96 4.27 0.00	65.54 3.00 0.00	58.95 2.81 0.00	52.25 2.44 0.00
PORT_JEFF_3 23555	51.89 4.29 -0.01	46.64 3.21 0.00	43.89 2.37 0.00	44.50 2.91 0.00	44.39 2.47 0.00	47.74 3.41 0.00	61.40 3.03 0.00	69.47 3.74 0.00	63.51 3.37 0.00	57.72 3.01 0.00	55.04 2.62 0.00	51.27 2.67 0.00	48.78 2.10 0.00	47.42 1.60 0.00	46.19 1.73 0.00	49.02 2.42 0.00	52.09 2.81 0.00	58.98 2.86 0.00	67.16 3.32 0.00	87.29 4.70 0.00	84.15 3.47 0.00	65.54 3.00 0.00	58.84 2.69 0.00	52.25 2.44 0.00

PORT_JEFF_4 23616	51.89 4.29 -0.01	46.64 3.21 0.00	43.89 2.37 0.00	44.50 2.91 0.00	44.39 2.47 0.00	47.74 3.41 0.00	61.40 3.03 0.00	69.47 3.74 0.00	63.51 3.37 0.00	57.72 3.01 0.00	55.04 2.62 0.00	51.27 2.67 0.00	48.78 2.10 0.00	47.42 1.60 0.00	46.19 1.73 0.00	49.02 2.42 0.00	52.09 2.81 0.00	58.98 2.86 0.00	67.16 3.32 0.00	87.29 4.70 0.00	84.15 3.47 0.00	65.54 3.00 0.00	58.84 2.69 0.00	52.25 2.44 0.00
PORT_JEFF_IC 23713	51.70 4.09 -0.01	46.73 3.30 0.00	44.35 2.82 0.00	44.08 2.50 0.00	44.39 2.47 0.00	47.78 3.46 0.00	61.52 3.15 0.00	69.54 3.81 0.00	63.45 3.31 0.00	57.62 2.90 0.00	54.99 2.57 0.00	51.13 2.53 0.00	48.96 2.29 0.00	47.33 1.51 0.00	46.46 2.00 0.00	49.02 2.42 0.00	52.14 2.86 0.00	59.04 2.92 0.00	66.77 2.94 0.00	87.21 4.62 0.00	84.16 3.47 0.00	65.66 3.13 0.00	58.84 2.69 0.00	52.30 2.49 0.00
PPL_PILGRIM_ST_GT1 24216	51.89 4.29 -0.01	46.82 3.39 0.00	44.15 2.62 0.00	44.66 3.08 0.00	44.64 2.72 0.00	47.96 3.64 0.00	61.81 3.44 0.00	69.87 4.14 0.00	63.93 3.79 0.00	58.06 3.34 0.00	55.35 2.93 0.00	51.71 3.11 0.00	49.01 2.33 0.00	47.74 1.92 0.00	46.46 2.00 0.00	49.39 2.80 0.00	52.48 3.20 0.00	59.32 3.20 0.00	67.35 3.51 0.00	87.70 5.12 0.00	84.64 3.95 0.00	65.72 3.19 0.00	59.23 3.09 0.00	52.60 2.79 0.00
PPL_PILGRIM_ST_GT2 24217	51.89 4.29 -0.01	46.82 3.39 0.00	44.15 2.62 0.00	44.66 3.08 0.00	44.64 2.72 0.00	47.96 3.64 0.00	61.81 3.44 0.00	69.87 4.14 0.00	63.93 3.79 0.00	58.06 3.34 0.00	55.35 2.93 0.00	51.71 3.11 0.00	49.01 2.33 0.00	47.74 1.92 0.00	46.46 2.00 0.00	49.39 2.80 0.00	52.48 3.20 0.00	59.32 3.20 0.00	67.35 3.51 0.00	87.70 5.12 0.00	84.64 3.95 0.00	65.72 3.19 0.00	59.23 3.09 0.00	52.60 2.79 0.00
PPL_SHRM_GT3 24213	51.89 4.29 -0.01	46.25 2.82 0.00	43.31 1.78 0.00	44.08 2.50 0.00	43.76 1.84 0.00	47.30 2.97 0.00	60.53 2.16 0.00	68.49 2.76 0.00	62.91 2.77 0.00	57.34 2.63 0.00	54.78 2.36 0.00	50.64 2.04 0.00	47.84 1.17 0.00	46.22 0.41 0.00	45.26 0.80 0.00	48.04 1.45 0.00	51.15 1.87 0.00	57.97 1.85 0.00	66.07 2.23 0.00	86.05 3.47 0.00	82.94 2.26 0.00	64.41 1.87 0.00	57.89 1.74 0.00	51.40 1.59 0.00
PPL_SHRM_GT4 24214	51.89 4.29 -0.01	46.25 2.82 0.00	43.31 1.78 0.00	44.08 2.50 0.00	43.76 1.84 0.00	47.30 2.97 0.00	60.53 2.16 0.00	68.49 2.76 0.00	62.91 2.77 0.00	57.34 2.63 0.00	54.78 2.36 0.00	50.64 2.04 0.00	47.84 1.17 0.00	46.22 0.41 0.00	45.26 0.80 0.00	48.04 1.45 0.00	51.15 1.87 0.00	57.97 1.85 0.00	66.07 2.23 0.00	86.05 3.47 0.00	82.94 2.26 0.00	64.41 1.87 0.00	57.89 1.74 0.00	51.40 1.59 0.00
PROJECT___ORANGE 1 24174	47.36 -0.24 0.00	43.17 -0.26 0.00	41.32 -0.21 0.00	41.42 -0.17 0.00	41.75 -0.17 0.00	44.33 0.00 0.00	58.60 0.23 0.00	66.06 0.33 0.00	60.44 0.30 0.00	55.10 0.38 0.00	52.74 0.31 0.00	48.99 0.39 0.00	47.00 0.33 0.00	46.13 0.32 0.00	44.77 0.31 0.00	46.92 0.33 0.00	49.58 0.30 0.00	56.40 0.28 0.00	64.09 0.26 0.00	82.83 0.25 0.00	81.17 0.48 0.00	62.78 0.25 0.00	56.31 0.17 0.00	49.91 0.10 0.00
PROJECT___ORANGE 2 24166	47.36 -0.24 0.00	43.17 -0.26 0.00	41.32 -0.21 0.00	41.42 -0.17 0.00	41.75 -0.17 0.00	44.33 0.00 0.00	58.60 0.23 0.00	66.06 0.33 0.00	60.44 0.30 0.00	55.10 0.38 0.00	52.74 0.31 0.00	48.99 0.39 0.00	47.00 0.33 0.00	46.13 0.32 0.00	44.77 0.31 0.00	46.92 0.33 0.00	49.58 0.30 0.00	56.40 0.28 0.00	64.09 0.26 0.00	82.83 0.25 0.00	81.17 0.48 0.00	62.78 0.25 0.00	56.31 0.17 0.00	49.91 0.10 0.00
PUCKETT___SOLAR 323809	48.60 1.00 0.00	44.34 0.91 0.00	42.44 0.91 0.00	42.54 0.96 0.00	42.96 1.05 0.00	45.56 1.24 0.00	60.41 2.04 0.00	67.83 2.10 0.00	61.88 1.75 0.00	56.20 1.48 0.00	53.73 1.31 0.00	49.86 1.26 0.00	47.75 1.07 0.00	46.91 1.10 0.00	45.57 1.11 0.00	47.76 1.17 0.00	50.46 1.18 0.00	57.41 1.29 0.00	65.43 1.60 0.00	84.72 2.14 0.00	83.19 2.50 0.00	64.41 1.87 0.00	57.71 1.57 0.00	51.36 1.55 0.00
PYRITES___HYD 24023	47.03 -0.57 0.00	42.91 -0.52 0.00	40.90 -0.62 0.00	40.84 -0.75 0.00	41.04 -0.88 0.00	43.26 -1.06 0.00	66.01 -1.23 -8.87	74.18 -1.38 -9.83	67.48 -1.74 -9.09	61.30 -1.81 -8.39	58.84 -1.68 -8.09	53.73 -1.75 -6.88	52.50 -1.54 -7.36	51.77 -1.51 -7.47	50.21 -1.51 -7.27	52.53 -1.63 -7.57	55.59 -1.63 -7.93	62.19 -1.74 -7.81	72.29 -1.53 -9.98	93.66 -1.57 -12.65	91.63 -1.45 -12.39	71.58 -0.81 -9.86	64.26 -0.84 -8.96	57.12 -0.75 -8.06
QUAKERRD_115KV_BK1 80622	45.88 -1.71 0.00	41.78 -1.65 0.00	40.07 -1.45 0.00	40.21 -1.37 0.00	40.41 -1.51 0.00	42.95 -1.37 0.00	56.79 -1.58 0.00	63.82 -1.91 0.00	58.34 -1.80 0.00	53.46 -1.26 0.00	51.06 -1.36 0.00	47.72 -0.87 0.00	45.51 -1.17 0.00	44.90 -0.92 0.00	43.48 -0.98 0.00	45.67 -0.93 0.00	47.85 -1.43 0.00	54.32 -1.80 0.00	61.73 -2.11 0.00	79.44 -3.14 0.00	78.67 -2.02 0.00	60.85 -1.69 0.00	54.63 -1.52 0.00	48.81 -1.00 0.00
QUENSBRY_115KV_TB8 356137	50.12 2.52 0.00	45.86 2.43 0.00	43.89 2.37 0.00	44.00 2.41 0.00	44.31 2.39 0.00	47.12 2.79 0.00	62.16 3.79 0.00	70.13 4.40 0.00	64.11 3.97 0.00	57.95 3.23 0.00	55.62 3.20 0.00	51.52 2.92 0.00	49.43 2.75 0.00	48.29 2.47 0.00	46.77 2.31 0.00	49.11 2.52 0.00	52.24 2.96 0.00	59.77 3.65 0.00	68.31 4.47 0.00	88.69 6.11 0.00	85.85 5.16 0.00	66.54 4.00 0.00	59.34 3.20 0.00	52.65 2.84 0.00
RAMAPO___LBMP 323565	49.93 2.33 0.00	45.51 2.08 0.00	43.48 1.95 0.00	43.50 1.91 0.00	43.97 2.05 0.00	46.76 2.44 0.00	61.52 3.15 0.00	69.67 3.94 0.00	63.87 3.73 0.00	58.16 3.45 0.00	55.62 3.20 0.00	51.47 2.87 0.00	49.52 2.85 0.00	48.47 2.66 0.00	47.12 2.67 0.00	49.35 2.75 0.00	52.29 3.01 0.00	59.20 3.09 0.00	67.16 3.32 0.00	86.96 4.38 0.00	84.64 3.95 0.00	65.35 2.81 0.00	58.73 2.58 0.00	52.05 2.24 0.00
RANKINE____ 23646	45.98 -1.62 0.00	41.69 -1.74 0.00	40.28 -1.25 0.00	40.30 -1.29 0.00	40.41 -1.51 0.00	42.91 -1.42 0.00	56.91 -1.46 0.00	62.90 -2.83 0.00	52.14 -2.53 5.47	49.64 -1.86 3.21	49.27 -2.15 1.00	47.43 -1.17 0.00	44.71 -1.96 0.00	44.44 -1.37 0.00	42.99 -1.47 0.00	45.34 -1.26 0.00	47.26 -2.02 0.00	51.92 -3.09 1.11	56.27 -3.89 3.67	69.88 -6.28 6.43	77.06 -3.63 0.00	59.97 -2.56 0.00	54.29 -1.85 0.00	49.36 -0.45 0.00
RAVENSWOOD_GT2_1 24244	50.74 3.14 0.00	46.12 2.69 0.00	44.06 2.53 0.00	44.08 2.50 0.00	44.52 2.60 0.00	47.43 3.10 0.00	62.45 4.09 0.00	70.79 5.06 0.00	65.01 4.87 0.00	59.20 4.49 0.00	56.61 4.19 0.00	52.44 3.84 0.00	50.41 3.73 0.00	49.30 3.48 0.00	47.97 3.51 0.00	50.23 3.63 0.00	53.27 3.99 0.00	60.33 4.21 0.00	68.56 4.72 0.00	88.69 6.11 0.00	86.25 5.57 0.00	66.54 4.00 0.00	59.79 3.65 0.00	53.00 3.19 0.00

RAVENSWOOD_GT2_2 24245	50.74 3.14 0.00	46.12 2.69 0.00	44.06 2.53 0.00	44.08 2.50 0.00	44.52 2.60 0.00	47.43 3.10 0.00	62.45 4.09 0.00	70.79 5.06 0.00	65.01 4.87 0.00	59.20 4.49 0.00	56.61 4.19 0.00	52.44 3.84 0.00	50.41 3.73 0.00	49.30 3.48 0.00	47.97 3.51 0.00	50.23 3.63 0.00	53.27 3.99 0.00	60.33 4.21 0.00	68.56 4.72 0.00	88.69 6.11 0.00	86.25 5.57 0.00	66.54 4.00 0.00	59.79 3.65 0.00	53.00 3.19 0.00
RAVENSWOOD_GT2_3 24246	50.74 3.14 0.00	46.12 2.69 0.00	44.06 2.53 0.00	44.08 2.50 0.00	44.52 2.60 0.00	47.43 3.10 0.00	62.51 4.14 0.00	70.79 5.06 0.00	65.01 4.87 0.00	59.26 4.54 0.00	56.67 4.25 0.00	52.49 3.89 0.00	50.46 3.78 0.00	49.34 3.53 0.00	48.01 3.56 0.00	50.28 3.68 0.00	53.27 3.99 0.00	60.38 4.26 0.00	68.56 4.72 0.00	88.77 6.19 0.00	86.25 5.57 0.00	66.54 4.00 0.00	59.85 3.71 0.00	53.00 3.19 0.00
RAVENSWOOD_GT2_4 24247	50.74 3.14 0.00	46.12 2.69 0.00	44.06 2.53 0.00	44.08 2.50 0.00	44.52 2.60 0.00	47.43 3.10 0.00	62.51 4.14 0.00	70.79 5.06 0.00	65.01 4.87 0.00	59.26 4.54 0.00	56.67 4.25 0.00	52.49 3.89 0.00	50.46 3.78 0.00	49.34 3.53 0.00	48.01 3.56 0.00	50.28 3.68 0.00	53.27 3.99 0.00	60.38 4.26 0.00	68.56 4.72 0.00	88.77 6.19 0.00	86.25 5.57 0.00	66.54 4.00 0.00	59.85 3.71 0.00	53.00 3.19 0.00
RAVENSWOOD_GT3_1 24248	50.74 3.14 0.00	46.12 2.69 0.00	44.06 2.53 0.00	44.08 2.50 0.00	44.52 2.60 0.00	47.43 3.10 0.00	62.45 4.09 0.00	70.79 5.06 0.00	65.01 4.87 0.00	59.26 4.54 0.00	56.67 4.25 0.00	52.44 3.84 0.00	50.41 3.73 0.00	49.30 3.48 0.00	47.97 3.51 0.00	50.23 3.63 0.00	53.27 3.99 0.00	60.33 4.21 0.00	68.56 4.72 0.00	88.69 6.11 0.00	86.25 5.57 0.00	66.54 4.00 0.00	59.85 3.71 0.00	53.00 3.19 0.00
RAVENSWOOD_GT3_2 24249	50.74 3.14 0.00	46.12 2.69 0.00	44.06 2.53 0.00	44.08 2.50 0.00	44.52 2.60 0.00	47.43 3.10 0.00	62.45 4.09 0.00	70.79 5.06 0.00	65.01 4.87 0.00	59.26 4.54 0.00	56.67 4.25 0.00	52.44 3.84 0.00	50.41 3.73 0.00	49.30 3.48 0.00	47.97 3.51 0.00	50.23 3.63 0.00	53.27 3.99 0.00	60.33 4.21 0.00	68.56 4.72 0.00	88.69 6.11 0.00	86.25 5.57 0.00	66.54 4.00 0.00	59.85 3.71 0.00	53.00 3.19 0.00
RAVENSWOOD_GT3_3 24250	50.79 3.19 0.00	46.16 2.74 0.00	44.10 2.57 0.00	44.12 2.54 0.00	44.56 2.64 0.00	47.47 3.15 0.00	62.51 4.14 0.00	70.86 5.13 0.00	65.07 4.93 0.00	59.31 4.60 0.00	56.72 4.30 0.00	52.54 3.94 0.00	50.50 3.83 0.00	49.39 3.57 0.00	48.06 3.60 0.00	50.33 3.73 0.00	53.32 4.04 0.00	60.44 4.32 0.00	68.63 4.79 0.00	88.86 6.28 0.00	86.41 5.73 0.00	66.60 4.06 0.00	59.91 3.76 0.00	53.05 3.24 0.00
RAVENSWOOD_GT3_4 24251	50.79 3.19 0.00	46.16 2.74 0.00	44.10 2.57 0.00	44.12 2.54 0.00	44.56 2.64 0.00	47.47 3.15 0.00	62.51 4.14 0.00	70.86 5.13 0.00	65.07 4.93 0.00	59.31 4.60 0.00	56.72 4.30 0.00	52.54 3.94 0.00	50.50 3.83 0.00	49.39 3.57 0.00	48.06 3.60 0.00	50.33 3.73 0.00	53.32 4.04 0.00	60.44 4.32 0.00	68.63 4.79 0.00	88.86 6.28 0.00	86.41 5.73 0.00	66.60 4.06 0.00	59.91 3.76 0.00	53.05 3.24 0.00
RAVENSWOOD_GT_1 23729	51.89 3.43 -0.86	47.81 2.95 -1.43	46.06 2.78 -1.75	45.95 2.74 -1.62	46.32 2.85 -1.56	49.25 3.37 -1.56	62.69 4.32 0.00	71.19 5.46 0.00	75.68 5.23 -10.31	70.44 4.87 -10.85	68.59 4.56 -11.61	67.64 4.13 -14.91	67.98 4.01 -17.29	67.02 3.76 -17.45	67.32 3.78 -19.08	65.79 3.91 -15.28	67.64 4.29 -14.07	71.27 4.55 -10.61	77.18 5.11 -8.23	90.41 6.61 -1.22	88.30 6.05 -1.56	71.23 4.25 -4.45	65.60 4.04 -5.41	62.70 3.49 -9.40
RAVENSWOOD_GT_10 24258	50.74 3.14 0.00	46.12 2.69 0.00	44.06 2.53 0.00	44.04 2.45 0.00	44.51 2.60 0.00	47.40 3.10 0.03	62.45 4.09 0.00	70.79 5.06 0.00	64.49 4.87 0.52	58.66 4.49 0.54	56.03 4.19 0.58	51.58 3.84 0.86	49.34 3.73 1.07	48.23 3.48 1.07	46.75 3.51 1.21	49.37 3.63 0.86	52.49 3.99 0.78	59.80 4.21 0.53	68.15 4.72 0.41	88.69 6.11 0.00	86.25 5.57 0.00	66.54 4.00 0.00	59.79 3.65 0.00	52.53 3.19 0.47
RAVENSWOOD_GT_11 24259	50.74 3.14 0.00	46.12 2.69 0.00	44.06 2.53 0.00	44.04 2.45 0.00	44.51 2.60 0.00	47.40 3.10 0.03	62.45 4.09 0.00	70.79 5.06 0.00	64.49 4.87 0.52	58.66 4.49 0.54	56.03 4.19 0.58	51.58 3.84 0.86	49.34 3.73 1.07	48.23 3.48 1.07	46.75 3.51 1.21	49.37 3.63 0.86	52.49 3.99 0.78	59.80 4.21 0.53	68.15 4.72 0.41	88.69 6.11 0.00	86.25 5.57 0.00	66.54 4.00 0.00	59.79 3.65 0.00	52.53 3.19 0.47
RAVENSWOOD_GT_4 24252	51.34 3.09 -0.64	47.16 2.65 -1.08	45.34 2.49 -1.32	45.26 2.45 -1.22	45.65 2.56 -1.17	48.08 3.06 -0.70	62.45 4.09 0.00	70.73 5.00 0.00	64.96 4.81 -0.01	59.21 4.49 -0.01	56.62 4.19 -0.01	50.74 3.79 1.65	47.32 3.69 3.05	46.33 3.44 2.92	44.06 3.47 3.87	48.76 3.59 1.42	52.07 3.94 1.16	60.28 4.15 -0.01	68.50 4.66 -0.01	89.54 6.03 -0.93	87.36 5.49 -1.19	69.86 3.94 -3.39	63.86 3.59 -4.12	52.96 3.14 -0.01
RAVENSWOOD_GT_5 24254	51.34 3.09 -0.64	47.16 2.65 -1.08	45.34 2.49 -1.32	45.26 2.45 -1.22	45.65 2.56 -1.17	48.08 3.06 -0.70	62.45 4.09 0.00	70.73 5.00 0.00	64.96 4.81 -0.01	59.21 4.49 -0.01	56.62 4.19 -0.01	50.74 3.79 1.65	47.32 3.69 3.05	46.33 3.44 2.92	44.06 3.47 3.87	48.76 3.59 1.42	52.07 3.94 1.16	60.28 4.15 -0.01	68.50 4.66 -0.01	89.54 6.03 -0.93	87.36 5.49 -1.19	69.86 3.94 -3.39	63.86 3.59 -4.12	52.96 3.14 -0.01
RAVENSWOOD_GT_6 24253	51.34 3.09 -0.64	47.16 2.65 -1.08	45.34 2.49 -1.32	45.26 2.45 -1.22	45.65 2.56 -1.17	48.08 3.06 -0.70	62.45 4.09 0.00	70.73 5.00 0.00	64.96 4.81 -0.01	59.21 4.49 -0.01	56.62 4.19 -0.01	50.74 3.79 1.65	47.32 3.69 3.05	46.33 3.44 2.92	44.06 3.47 3.87	48.76 3.59 1.42	52.07 3.94 1.16	60.28 4.15 -0.01	68.50 4.66 -0.01	89.54 6.03 -0.93	87.36 5.49 -1.19	69.86 3.94 -3.39	63.86 3.59 -4.12	52.96 3.14 -0.01
RAVENSWOOD_GT_7 24255	51.34 3.09 -0.64	47.16 2.65 -1.08	45.34 2.49 -1.32	45.26 2.45 -1.22	45.65 2.56 -1.17	48.08 3.06 -0.70	62.45 4.09 0.00	70.73 5.00 0.00	64.96 4.81 -0.01	59.21 4.49 -0.01	56.62 4.19 -0.01	50.74 3.79 1.65	47.32 3.69 3.05	46.33 3.44 2.92	44.06 3.47 3.87	48.76 3.59 1.42	52.07 3.94 1.16	60.28 4.15 -0.01	68.50 4.66 -0.01	89.54 6.03 -0.93	87.36 5.49 -1.19	69.86 3.94 -3.39	63.86 3.59 -4.12	52.96 3.14 -0.01
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	50.74 3.14 0.00	46.12 2.69 0.00	44.06 2.53 0.00	44.04 2.45 0.00	44.51 2.60 0.00	47.40 3.10 0.03	62.45 4.09 0.00	70.79 5.06 0.00	64.49 4.87 0.52	58.66 4.49 0.54	56.03 4.19 0.58	51.58 3.84 0.86	49.34 3.73 1.07	48.23 3.48 1.07	46.75 3.51 1.21	49.37 3.63 0.86	52.49 3.99 0.78	59.80 4.21 0.53	68.15 4.72 0.41	88.69 6.11 0.00	86.25 5.57 0.00	66.54 4.00 0.00	59.79 3.65 0.00	52.53 3.19 0.47

RAVENSWOOD_GT_9 24257	50.74 3.14 0.00	46.12 2.69 0.00	44.06 2.53 0.00	44.04 2.45 0.00	44.51 2.60 0.00	47.40 3.10 0.03	62.45 4.09 0.00	70.79 5.06 0.00	64.49 4.87 0.52	58.66 4.49 0.54	56.03 4.19 0.58	51.58 3.84 0.86	49.34 3.73 1.07	48.23 3.48 1.07	46.75 3.51 1.21	49.37 3.63 0.86	52.49 3.99 0.78	59.80 4.21 0.53	68.15 4.72 0.41	88.69 6.11 0.00	86.25 5.57 0.00	66.54 4.00 0.00	59.79 3.65 0.00	52.53 3.19 0.47
RAVENSWOOD___1 23533	51.03 3.43 -0.01	46.30 2.87 -0.01	44.20 2.66 -0.01	44.42 2.83 -0.01	44.78 2.85 -0.01	47.97 3.33 -0.32	62.69 4.32 0.00	71.05 5.32 0.00	70.43 5.17 -5.12	64.92 4.82 -5.39	62.70 4.51 -5.77	61.27 4.18 -8.49	61.27 4.01 -10.58	60.15 3.76 -10.58	60.15 3.69 -12.01	58.99 3.87 -8.53	61.27 4.24 -7.75	65.88 4.49 -5.27	72.97 5.04 -4.09	89.10 6.52 0.00	86.66 5.97 0.00	66.66 4.13 0.00	60.13 3.99 0.00	57.92 3.43 -4.67
RAVENSWOOD___2 23534	50.99 3.38 -0.01	46.26 2.82 -0.01	44.20 2.66 -0.01	44.38 2.79 -0.01	44.73 2.81 -0.01	47.97 3.33 -0.32	62.63 4.26 0.00	71.05 5.32 0.00	70.35 5.11 -5.10	64.85 4.76 -5.37	62.68 4.51 -5.75	61.24 4.18 -8.46	61.23 4.01 -10.54	60.11 3.76 -10.54	60.07 3.65 -11.97	58.96 3.87 -8.50	61.19 4.19 -7.72	65.86 4.49 -5.25	72.95 5.04 -4.07	89.03 6.45 0.00	86.66 5.97 0.00	66.66 4.13 0.00	60.13 3.99 0.00	57.90 3.43 -4.65
RAVENSWOOD___3 23535	50.79 3.19 0.00	46.12 2.69 0.00	44.02 2.49 0.00	44.21 2.62 0.00	44.52 2.60 0.00	47.43 3.10 0.00	62.45 4.08 0.00	70.79 5.06 0.00	65.01 4.87 0.00	59.26 4.54 0.00	56.67 4.24 0.00	52.53 3.93 0.00	50.45 3.78 0.00	49.34 3.53 0.00	47.88 3.42 0.00	50.23 3.64 0.00	53.27 3.99 0.00	60.33 4.21 0.00	68.56 4.72 0.00	88.78 6.20 0.00	86.25 5.56 0.00	66.48 3.94 0.00	59.79 3.65 0.00	53.00 3.19 0.00
RAVENSWOOD___4 23820	50.14 3.38 0.83	44.85 2.82 1.40	42.44 2.62 1.70	42.79 2.79 1.58	43.21 2.81 1.52	46.75 3.33 0.90	62.63 4.26 0.00	70.99 5.26 0.00	65.24 5.11 0.01	59.47 4.76 0.01	56.87 4.45 0.01	54.91 4.18 -2.14	54.58 3.97 -3.94	53.30 3.71 -3.78	53.10 3.65 -5.00	52.31 3.87 -1.84	54.96 4.19 -1.50	60.54 4.43 0.01	68.87 5.04 0.01	87.83 6.45 1.20	85.12 5.97 1.54	62.28 4.13 4.38	54.75 3.93 5.33	53.24 3.43 0.01
RCPL_TRUST___DRP 24196	50.93 3.33 0.00	46.25 2.82 0.00	44.23 2.70 0.00	44.21 2.62 0.00	44.68 2.77 0.00	47.61 3.28 0.00	63.04 4.67 0.00	71.32 5.59 0.00	65.67 5.53 0.00	59.81 5.09 0.00	57.19 4.77 0.00	52.97 4.37 0.00	50.92 4.25 0.00	49.80 3.99 0.00	48.41 3.96 0.00	50.70 4.10 0.00	53.77 4.48 0.00	60.89 4.77 0.00	69.07 5.23 0.00	89.27 6.69 0.00	86.74 6.05 0.00	67.04 4.50 0.00	60.13 3.99 0.00	53.30 3.49 0.00
RED___ROCHESTER 323720	46.93 -0.67 0.00	42.69 -0.74 0.00	40.95 -0.58 0.00	41.13 -0.46 0.00	41.63 -0.29 0.00	43.93 -0.40 0.00	58.19 -0.17 0.00	65.27 -0.46 0.00	59.66 -0.48 0.00	54.72 0.00 0.00	52.26 -0.16 0.00	48.84 0.24 0.00	46.53 -0.14 0.00	46.00 0.18 0.00	44.72 0.27 0.00	46.78 0.19 0.00	48.94 -0.34 0.00	55.50 -0.62 0.00	63.14 -0.70 0.00	81.10 -1.48 0.00	80.69 0.00 0.00	62.47 -0.06 0.00	55.92 -0.22 0.00	50.11 0.30 0.00
REGAN___SOLAR 323812	50.93 3.33 0.00	46.60 3.17 0.00	44.60 3.07 0.00	44.75 3.16 0.00	45.06 3.15 0.00	47.96 3.64 0.00	63.33 4.96 0.00	71.25 5.52 0.00	64.83 4.69 0.00	58.17 3.45 0.00	55.67 3.25 0.00	51.47 2.87 0.00	49.47 2.80 0.00	48.47 2.66 0.00	46.85 2.40 0.00	49.35 2.75 0.00	52.58 3.30 0.00	60.55 4.43 0.00	69.39 5.55 0.00	90.26 7.68 0.00	87.46 6.78 0.00	67.85 5.31 0.00	60.47 4.32 0.00	53.70 3.89 0.00
RENSSELAER___COGEN 23796	48.17 0.57 0.00	44.08 0.65 0.00	42.15 0.62 0.00	42.29 0.71 0.00	42.63 0.71 0.00	45.12 0.80 0.00	59.13 0.76 0.00	66.58 0.85 0.00	60.98 0.84 0.00	55.38 0.66 0.00	53.15 0.73 0.00	49.18 0.59 0.00	47.33 0.65 0.00	46.32 0.50 0.00	45.03 0.58 0.00	47.11 0.51 0.00	49.97 0.69 0.00	57.01 0.90 0.00	64.86 1.02 0.00	83.98 1.40 0.00	81.58 0.89 0.00	63.22 0.69 0.00	56.76 0.62 0.00	50.26 0.45 0.00
REPUBLIC_115KV_BARTNBRK 55605	51.31 3.71 0.00	47.08 3.65 0.00	45.06 3.53 0.00	45.16 3.58 0.00	45.40 3.48 0.00	48.45 4.12 0.00	64.15 5.78 0.00	72.57 6.84 0.00	66.03 5.89 0.00	59.42 4.71 0.00	56.98 4.56 0.00	52.83 4.23 0.00	50.60 3.92 0.00	49.30 3.48 0.00	47.57 3.11 0.00	50.14 3.54 0.00	53.37 4.09 0.00	61.34 5.22 0.00	70.29 6.45 0.00	91.75 9.17 0.00	88.35 7.67 0.00	68.60 6.07 0.00	60.86 4.72 0.00	54.14 4.33 0.00
REVERE_CPPR_DRP 24186	48.79 1.19 0.00	44.60 1.17 0.00	42.65 1.12 0.00	42.75 1.16 0.00	43.05 1.13 0.00	45.74 1.42 0.00	60.64 2.28 0.00	68.29 2.56 0.00	62.30 2.17 0.00	56.52 1.81 0.00	54.20 1.78 0.00	50.11 1.51 0.00	48.21 1.54 0.00	47.28 1.47 0.00	45.92 1.47 0.00	48.18 1.58 0.00	51.06 1.77 0.00	58.19 2.08 0.00	66.65 2.81 0.00	86.71 4.13 0.00	84.72 4.03 0.00	65.35 2.81 0.00	58.45 2.30 0.00	51.70 1.89 0.00
REYNOLDS_115KV_TB3 80639	48.55 0.95 0.00	44.38 0.96 0.00	42.52 1.00 0.00	42.59 1.00 0.00	42.96 1.05 0.00	45.52 1.20 0.00	59.65 1.28 0.00	67.18 1.45 0.00	61.52 1.38 0.00	55.92 1.20 0.00	53.68 1.26 0.00	49.67 1.07 0.00	47.75 1.07 0.00	46.78 0.96 0.00	45.43 0.98 0.00	47.58 0.98 0.00	50.42 1.13 0.00	57.52 1.40 0.00	65.43 1.60 0.00	84.65 2.06 0.00	82.30 1.61 0.00	63.78 1.25 0.00	57.21 1.07 0.00	50.66 0.85 0.00
RIVERBAY____ 323610	50.89 3.28 -0.01	46.26 2.82 -0.01	44.23 2.70 -0.01	44.26 2.66 -0.01	44.69 2.77 -0.01	47.55 3.24 0.01	62.45 4.09 0.00	70.92 5.19 0.00	65.06 4.93 0.01	59.25 4.54 0.01	56.66 4.25 0.01	52.43 3.84 0.01	50.45 3.78 0.01	49.29 3.48 0.01	47.96 3.51 0.01	50.22 3.63 0.01	53.22 3.94 0.01	60.26 4.15 0.01	68.55 4.72 0.01	88.77 6.19 0.00	86.41 5.73 0.00	66.54 4.00 0.00	60.07 3.93 0.00	53.26 3.44 -0.01
RIVERSDE_115KV_TB3 55908	48.36 0.76 0.00	44.25 0.83 0.00	42.36 0.83 0.00	42.46 0.87 0.00	42.84 0.92 0.00	45.34 1.02 0.00	59.42 1.05 0.00	66.91 1.18 0.00	61.34 1.20 0.00	55.70 0.98 0.00	53.47 1.05 0.00	49.52 0.92 0.00	47.61 0.93 0.00	46.64 0.82 0.00	45.30 0.84 0.00	47.39 0.79 0.00	50.22 0.94 0.00	57.35 1.23 0.00	65.24 1.40 0.00	84.40 1.82 0.00	81.98 1.29 0.00	63.60 1.06 0.00	57.04 0.90 0.00	50.51 0.70 0.00
ROARING___BROOK_WT_PWR 323790	46.50 -1.09 0.00	42.26 -1.17 0.00	40.28 -1.24 0.00	40.25 -1.33 0.00	40.53 -1.38 0.00	42.77 -1.55 0.00	56.32 -2.04 0.00	63.49 -2.24 0.00	58.03 -2.11 0.00	52.80 -1.92 0.00	50.64 -1.78 0.00	46.95 -1.65 0.00	45.14 -1.54 0.00	44.26 -1.56 0.00	42.94 -1.51 0.00	45.01 -1.58 0.00	47.61 -1.68 0.00	52.32 -1.85 1.95	61.92 -1.91 0.00	80.27 -2.31 0.00	78.59 -2.10 0.00	61.03 -1.50 0.00	54.86 -1.29 0.00	48.71 -1.10 0.00

ROCHESRG_115KV_T4 355643	46.50 -1.09 0.00	42.30 -1.13 0.00	40.66 -0.87 0.00	40.76 -0.83 0.00	40.95 -0.96 0.00	43.53 -0.80 0.00	57.55 -0.82 0.00	64.55 -1.18 0.00	57.77 -1.08 1.28	53.36 -0.60 0.76	51.40 -0.79 0.24	48.31 -0.29 0.00	46.02 -0.65 0.00	45.45 -0.37 0.00	44.01 -0.44 0.00	46.27 -0.33 0.00	48.40 -0.89 0.00	54.62 -1.23 0.26	61.45 -1.53 0.86	78.60 -2.48 1.51	79.56 -1.13 0.00	61.60 -0.94 0.00	55.36 -0.79 0.00	49.61 -0.20 0.00
ROCHESTER_9_IC 23652	46.74 -0.86 0.00	42.52 -0.91 0.00	40.86 -0.66 0.00	40.96 -0.62 0.00	41.16 -0.75 0.00	43.75 -0.58 0.00	57.90 -0.47 0.00	64.94 -0.79 0.00	59.36 -0.78 0.00	54.44 -0.27 0.00	51.95 -0.47 0.00	48.65 0.05 0.00	46.30 -0.37 0.00	45.72 -0.09 0.00	44.28 -0.18 0.00	46.55 -0.05 0.00	48.69 -0.59 0.00	55.16 -0.95 0.00	62.75 -1.09 0.00	80.60 -1.98 0.00	80.12 -0.56 0.00	61.97 -0.56 0.00	55.64 -0.51 0.00	49.86 0.05 0.00
ROCKVIEW_13_KV_LD 356306	50.64 3.05 0.00	46.12 2.69 0.00	44.06 2.53 0.00	44.04 2.45 0.00	44.52 2.60 0.00	47.38 3.06 0.00	62.40 4.03 0.00	70.73 5.00 0.00	64.83 4.69 0.00	59.09 4.38 0.00	56.51 4.09 0.00	52.29 3.69 0.00	50.32 3.64 0.00	49.20 3.39 0.00	47.88 3.42 0.00	50.14 3.54 0.00	53.13 3.84 0.00	60.21 4.10 0.00	68.43 4.60 0.00	88.69 6.11 0.00	86.17 5.49 0.00	66.54 4.00 0.00	59.74 3.59 0.00	52.95 3.14 0.00
ROME____115KV_TB2 80656	48.79 1.19 0.00	44.60 1.17 0.00	42.65 1.12 0.00	42.75 1.16 0.00	43.05 1.13 0.00	45.74 1.42 0.00	60.64 2.28 0.00	68.29 2.56 0.00	62.30 2.17 0.00	56.52 1.81 0.00	54.20 1.78 0.00	50.11 1.51 0.00	48.21 1.54 0.00	47.28 1.47 0.00	45.92 1.47 0.00	48.18 1.58 0.00	51.06 1.77 0.00	58.19 2.08 0.00	66.65 2.81 0.00	86.71 4.13 0.00	84.72 4.03 0.00	65.35 2.81 0.00	58.45 2.30 0.00	51.70 1.89 0.00
ROSETON___1 23587	49.84 2.24 0.00	45.43 2.00 0.00	43.35 1.83 0.00	43.54 1.96 0.00	43.85 1.93 0.00	46.58 2.26 0.00	61.23 2.86 0.00	69.28 3.55 0.00	63.51 3.37 0.00	57.83 3.12 0.00	55.35 2.93 0.00	51.27 2.67 0.00	49.29 2.61 0.00	48.24 2.43 0.00	46.81 2.35 0.00	49.11 2.51 0.00	52.04 2.76 0.00	59.03 2.92 0.00	67.09 3.25 0.00	86.79 4.21 0.00	84.40 3.71 0.00	65.22 2.69 0.00	58.61 2.47 0.00	51.95 2.14 0.00
ROSETON___2 23588	49.84 2.24 0.00	45.43 2.00 0.00	43.35 1.83 0.00	43.54 1.96 0.00	43.85 1.93 0.00	46.58 2.26 0.00	61.23 2.86 0.00	69.28 3.55 0.00	63.51 3.37 0.00	57.83 3.12 0.00	55.35 2.93 0.00	51.27 2.67 0.00	49.29 2.61 0.00	48.24 2.43 0.00	46.81 2.35 0.00	49.11 2.51 0.00	52.04 2.76 0.00	59.03 2.92 0.00	67.09 3.25 0.00	86.79 4.21 0.00	84.40 3.71 0.00	65.22 2.69 0.00	58.61 2.47 0.00	51.95 2.14 0.00
ROTRRDAM_115KV_TB3 80664	48.93 1.33 0.00	44.73 1.30 0.00	42.77 1.25 0.00	42.88 1.29 0.00	43.22 1.30 0.00	45.79 1.46 0.00	60.24 1.87 0.00	67.77 2.04 0.00	62.00 1.86 0.00	56.25 1.53 0.00	53.94 1.52 0.00	49.91 1.31 0.00	47.98 1.31 0.00	47.00 1.19 0.00	45.61 1.16 0.00	47.86 1.26 0.00	50.76 1.48 0.00	57.97 1.85 0.00	66.01 2.17 0.00	85.39 2.81 0.00	83.11 2.42 0.00	64.41 1.88 0.00	57.77 1.63 0.00	51.21 1.39 0.00
RUSSELL___1 23602	46.93 -0.67 0.00	42.69 -0.74 0.00	41.03 -0.50 0.00	41.13 -0.46 0.00	41.33 -0.59 0.00	43.93 -0.40 0.00	58.13 -0.23 0.00	65.27 -0.46 0.00	59.66 -0.48 0.00	54.72 0.00 0.00	52.26 -0.16 0.00	48.89 0.29 0.00	46.58 -0.09 0.00	46.00 0.18 0.00	44.54 0.09 0.00	46.78 0.19 0.00	48.94 -0.34 0.00	55.50 -0.62 0.00	63.14 -0.70 0.00	81.18 -1.40 0.00	80.61 -0.08 0.00	62.35 -0.19 0.00	55.92 -0.22 0.00	50.11 0.30 0.00
RUSSELL___2 23532	46.93 -0.67 0.00	42.69 -0.74 0.00	41.03 -0.50 0.00	41.13 -0.46 0.00	41.33 -0.59 0.00	43.93 -0.40 0.00	58.13 -0.23 0.00	65.27 -0.46 0.00	59.66 -0.48 0.00	54.72 0.00 0.00	52.26 -0.16 0.00	48.89 0.29 0.00	46.58 -0.09 0.00	46.00 0.18 0.00	44.54 0.09 0.00	46.78 0.19 0.00	48.94 -0.34 0.00	55.50 -0.62 0.00	63.14 -0.70 0.00	81.18 -1.40 0.00	80.61 -0.08 0.00	62.35 -0.19 0.00	55.92 -0.22 0.00	50.11 0.30 0.00
RUSSELL___3 23549	46.93 -0.67 0.00	42.69 -0.74 0.00	41.03 -0.50 0.00	41.13 -0.46 0.00	41.33 -0.59 0.00	43.93 -0.40 0.00	58.13 -0.23 0.00	65.27 -0.46 0.00	59.66 -0.48 0.00	54.72 0.00 0.00	52.26 -0.16 0.00	48.89 0.29 0.00	46.58 -0.09 0.00	46.00 0.18 0.00	44.54 0.09 0.00	46.78 0.19 0.00	48.94 -0.34 0.00	55.50 -0.62 0.00	63.14 -0.70 0.00	81.18 -1.40 0.00	80.61 -0.08 0.00	62.35 -0.19 0.00	55.92 -0.22 0.00	50.11 0.30 0.00
RUSSELL___4 23556	46.93 -0.67 0.00	42.69 -0.74 0.00	41.03 -0.50 0.00	41.13 -0.46 0.00	41.33 -0.59 0.00	43.93 -0.40 0.00	58.13 -0.23 0.00	65.27 -0.46 0.00	59.66 -0.48 0.00	54.72 0.00 0.00	52.26 -0.16 0.00	48.89 0.29 0.00	46.58 -0.09 0.00	46.00 0.18 0.00	44.54 0.09 0.00	46.78 0.19 0.00	48.94 -0.34 0.00	55.50 -0.62 0.00	63.14 -0.70 0.00	81.18 -1.40 0.00	80.61 -0.08 0.00	62.35 -0.19 0.00	55.92 -0.22 0.00	50.11 0.30 0.00
RUSSELL___STATION 23914	46.93 -0.67 0.00	42.69 -0.74 0.00	41.03 -0.50 0.00	41.13 -0.46 0.00	41.33 -0.59 0.00	43.93 -0.40 0.00	58.13 -0.23 0.00	65.27 -0.46 0.00	59.66 -0.48 0.00	54.72 0.00 0.00	52.26 -0.16 0.00	48.89 0.29 0.00	46.58 -0.09 0.00	46.00 0.18 0.00	44.54 0.09 0.00	46.78 0.19 0.00	48.94 -0.34 0.00	55.50 -0.62 0.00	63.14 -0.70 0.00	81.18 -1.40 0.00	80.61 -0.08 0.00	62.35 -0.19 0.00	55.92 -0.22 0.00	50.11 0.30 0.00
S SALMON___HYD 24043	46.69 -0.91 0.00	42.60 -0.83 0.00	40.78 -0.75 0.00	40.88 -0.71 0.00	41.24 -0.67 0.00	43.75 -0.58 0.00	57.96 -0.41 0.00	65.27 -0.46 0.00	59.54 -0.60 0.00	54.06 -0.65 0.00	51.69 -0.73 0.00	47.87 -0.73 0.00	45.93 -0.75 0.00	45.13 -0.69 0.00	43.83 -0.62 0.00	45.99 -0.61 0.00	48.69 -0.59 0.00	55.48 -0.56 0.08	63.52 -0.32 0.00	82.58 0.00 0.00	80.85 0.16 0.00	62.41 -0.12 0.00	55.81 -0.33 0.00	49.36 -0.45 0.00
S.PERRY___115KV_TB1 80734	47.55 -0.05 0.00	43.21 -0.22 0.00	41.53 0.00 0.00	41.67 0.08 0.00	41.87 -0.04 0.00	44.68 0.35 0.00	59.30 0.93 0.00	66.32 0.59 0.00	87.52 -0.18 -27.56	70.62 -0.33 -16.23	56.86 -0.63 -5.07	48.45 -0.15 0.00	45.93 -0.75 0.00	45.36 -0.46 0.00	43.97 -0.49 0.00	46.32 -0.28 0.00	48.64 -0.64 0.00	61.10 -0.62 -5.60	82.13 -0.19 -18.49	114.87 -0.08 -32.37	82.38 1.69 0.00	63.66 1.13 0.00	57.04 0.90 0.00	51.21 1.39 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	45.55 -2.05 0.00	41.30 -2.13 0.00	39.95 -1.58 0.00	39.97 -1.62 0.00	40.03 -1.89 0.00	42.51 -1.82 0.00	56.33 -2.04 0.00	62.31 -3.42 0.00	50.71 -3.07 6.37	48.68 -2.30 3.74	48.74 -2.52 1.17	47.09 -1.51 0.00	44.39 -2.29 0.00	44.12 -1.70 0.00	42.68 -1.78 0.00	45.06 -1.54 0.00	46.87 -2.41 0.00	51.34 -3.48 1.29	55.23 -4.34 4.27	68.25 -6.85 7.48	76.41 -4.28 0.00	59.53 -3.00 0.00	53.90 -2.25 0.00	48.91 -0.90 0.00

SAWYER___23_KV_LOAD 55526	45.55 -2.05 0.00	41.30 -2.13 0.00	39.95 -1.58 0.00	39.97 -1.62 0.00	40.03 -1.89 0.00	42.51 -1.82 0.00	56.33 -2.04 0.00	62.31 -3.42 0.00	50.71 -3.07 6.37	48.68 -2.30 3.74	48.74 -2.52 1.17	47.09 -1.51 0.00	44.39 -2.29 0.00	44.12 -1.70 0.00	42.68 -1.78 0.00	45.06 -1.54 0.00	46.87 -2.41 0.00	51.34 -3.48 1.29	55.23 -4.34 4.27	68.25 -6.85 7.48	76.41 -4.28 0.00	59.53 -3.00 0.00	53.90 -2.25 0.00	48.91 -0.90 0.00
SELKIRK___I 23801	48.60 1.00 0.00	44.47 1.04 0.00	42.57 1.04 0.00	42.67 1.08 0.00	43.00 1.09 0.00	45.48 1.15 0.00	59.65 1.28 0.00	67.04 1.31 0.00	61.28 1.14 0.00	55.59 0.87 0.00	53.31 0.89 0.00	49.33 0.73 0.00	47.38 0.70 0.00	46.41 0.59 0.00	45.08 0.62 0.00	47.25 0.65 0.00	50.12 0.84 0.00	57.30 1.18 0.00	65.24 1.40 0.00	84.48 1.90 0.00	82.22 1.53 0.00	63.78 1.25 0.00	57.27 1.12 0.00	50.75 0.94 0.00
SELKIRK___II 23799	48.41 0.81 0.00	44.25 0.82 0.00	42.36 0.83 0.00	42.46 0.87 0.00	42.80 0.88 0.00	45.30 0.97 0.00	59.42 1.05 0.00	66.85 1.12 0.00	61.22 1.08 0.00	55.59 0.87 0.00	53.31 0.89 0.00	49.37 0.78 0.00	47.47 0.79 0.00	46.50 0.69 0.00	45.16 0.71 0.00	47.30 0.70 0.00	50.12 0.84 0.00	57.24 1.12 0.00	65.11 1.28 0.00	84.23 1.65 0.00	81.97 1.29 0.00	63.47 0.94 0.00	57.04 0.90 0.00	50.51 0.70 0.00
SENECA OSWGO___HYD 24041	46.79 -0.81 0.00	42.69 -0.74 0.00	40.86 -0.67 0.00	40.96 -0.62 0.00	41.33 -0.59 0.00	43.80 -0.53 0.00	57.90 -0.47 0.00	65.20 -0.53 0.00	59.66 -0.48 0.00	54.34 -0.38 0.00	52.00 -0.42 0.00	48.26 -0.34 0.00	46.30 -0.38 0.00	45.50 -0.32 0.00	44.19 -0.27 0.00	46.32 -0.28 0.00	48.94 -0.34 0.00	55.73 -0.39 0.00	63.39 -0.44 0.00	82.01 -0.57 0.00	80.28 -0.40 0.00	62.16 -0.37 0.00	55.64 -0.51 0.00	49.31 -0.50 0.00
SENECA___115KV_TB3 355854	46.03 -1.57 0.00	41.74 -1.69 0.00	40.32 -1.20 0.00	40.38 -1.21 0.00	40.45 -1.47 0.00	42.95 -1.37 0.00	56.97 -1.40 0.00	63.04 -2.69 0.00	52.20 -2.47 5.47	49.70 -1.81 3.21	49.37 -2.04 1.00	47.48 -1.12 0.00	44.81 -1.87 0.00	44.48 -1.33 0.00	43.03 -1.42 0.00	45.43 -1.16 0.00	47.31 -1.97 0.00	52.03 -2.97 1.11	56.40 -3.77 3.67	70.04 -6.11 6.43	77.22 -3.47 0.00	60.10 -2.44 0.00	54.40 -1.74 0.00	49.46 -0.35 0.00
SENECA___ENERGY 23797	47.27 -0.33 0.00	43.04 -0.39 0.00	41.24 -0.29 0.00	41.34 -0.25 0.00	41.83 -0.08 0.00	44.37 0.04 0.00	58.66 0.29 0.00	66.06 0.33 0.00	62.16 0.12 -1.90	56.05 0.22 -1.12	52.87 0.11 -0.35	48.94 0.34 0.00	46.77 0.09 0.00	46.04 0.23 0.00	44.68 0.22 0.00	46.78 0.19 0.00	49.33 0.05 0.00	56.39 -0.11 -0.39	65.05 -0.06 -1.27	84.40 -0.41 -2.23	80.93 0.24 0.00	62.85 0.31 0.00	56.20 0.06 0.00	50.11 0.30 0.00
SHOEMAKER___GT 23640	49.50 1.91 0.00	45.17 1.74 0.00	43.15 1.62 0.00	43.25 1.67 0.00	43.64 1.72 0.00	46.27 1.95 0.00	60.88 2.51 0.00	68.76 3.03 0.00	63.03 2.89 0.00	57.29 2.57 0.00	54.83 2.41 0.00	50.74 2.14 0.00	48.78 2.10 0.00	47.78 1.97 0.00	46.41 1.95 0.00	48.65 2.05 0.00	51.55 2.27 0.00	58.58 2.47 0.00	66.52 2.68 0.00	86.30 3.72 0.00	83.92 3.23 0.00	64.85 2.32 0.00	58.33 2.19 0.00	51.70 1.89 0.00
SHOEMAKR_138KV_BK 111 55601	49.50 1.90 0.00	45.17 1.74 0.00	43.15 1.62 0.00	43.21 1.62 0.00	43.64 1.72 0.00	46.28 1.95 0.00	60.88 2.51 0.00	68.82 3.09 0.00	63.03 2.89 0.00	57.34 2.63 0.00	54.83 2.41 0.00	50.74 2.14 0.00	48.82 2.15 0.00	47.83 2.02 0.00	46.50 2.04 0.00	48.69 2.10 0.00	51.60 2.32 0.00	58.59 2.47 0.00	66.58 2.75 0.00	86.21 3.63 0.00	83.99 3.31 0.00	64.91 2.38 0.00	58.33 2.19 0.00	51.70 1.89 0.00
SHOREHAM_IC_1 23715	51.89 4.29 -0.01	46.25 2.82 0.00	43.31 1.78 0.00	44.08 2.50 0.00	43.76 1.84 0.00	47.30 2.97 0.00	60.53 2.16 0.00	68.49 2.76 0.00	62.91 2.77 0.00	57.34 2.63 0.00	54.78 2.36 0.00	50.64 2.04 0.00	47.84 1.17 0.00	46.22 0.41 0.00	45.26 0.80 0.00	48.04 1.45 0.00	51.15 1.87 0.00	57.97 1.85 0.00	66.07 2.23 0.00	86.05 3.47 0.00	82.94 2.26 0.00	64.41 1.87 0.00	57.89 1.74 0.00	51.40 1.59 0.00
SHOREHAM_IC_2 23716	51.89 4.29 -0.01	46.25 2.82 0.00	43.31 1.78 0.00	44.08 2.50 0.00	43.76 1.84 0.00	47.30 2.97 0.00	60.53 2.16 0.00	68.49 2.76 0.00	62.91 2.77 0.00	57.34 2.63 0.00	54.78 2.36 0.00	50.64 2.04 0.00	47.84 1.17 0.00	46.22 0.41 0.00	45.26 0.80 0.00	48.04 1.45 0.00	51.15 1.87 0.00	57.97 1.85 0.00	66.07 2.23 0.00	86.05 3.47 0.00	82.94 2.26 0.00	64.41 1.87 0.00	57.89 1.74 0.00	51.40 1.59 0.00
SISSONVILLE____ 23735	45.93 -1.67 0.00	41.91 -1.52 0.00	39.95 -1.58 0.00	39.84 -1.75 0.00	40.03 -1.89 0.00	42.11 -2.22 0.00	65.44 -2.80 -9.87	73.58 -3.09 -10.94	67.12 -3.13 -10.11	61.15 -2.90 -9.34	58.65 -2.78 -9.01	53.58 -2.67 -7.65	52.44 -2.43 -8.19	51.74 -2.38 -8.31	50.14 -2.40 -8.08	52.45 -2.56 -8.42	55.45 -2.66 -8.83	61.96 -2.97 -8.82	71.75 -3.19 -11.11	92.77 -3.88 -14.07	90.68 -3.79 -13.79	71.00 -2.50 -10.97	63.75 -2.36 -9.97	56.74 -2.04 -8.97
SITHE_IND_GS1 24169	46.46 -1.14 0.00	42.39 -1.04 0.00	40.53 -1.00 0.00	40.63 -0.95 0.00	40.99 -0.92 0.00	43.39 -0.93 0.00	57.26 -1.11 0.00	64.48 -1.25 0.00	58.94 -1.20 0.00	53.73 -0.98 0.00	51.42 -1.00 0.00	47.73 -0.87 0.00	45.79 -0.89 0.00	45.03 -0.78 0.00	43.70 -0.76 0.00	45.81 -0.79 0.00	48.40 -0.89 0.00	55.05 -1.07 0.00	62.62 -1.21 0.00	80.93 -1.65 0.00	79.31 -1.37 0.00	61.41 -1.12 0.00	55.08 -1.07 0.00	48.92 -0.90 0.00
SITHE_IND_GS2 24170	46.46 -1.14 0.00	42.39 -1.04 0.00	40.53 -1.00 0.00	40.63 -0.95 0.00	40.99 -0.92 0.00	43.39 -0.93 0.00	57.26 -1.11 0.00	64.48 -1.25 0.00	58.94 -1.20 0.00	53.73 -0.98 0.00	51.42 -1.00 0.00	47.73 -0.87 0.00	45.79 -0.89 0.00	45.03 -0.78 0.00	43.70 -0.76 0.00	45.81 -0.79 0.00	48.40 -0.89 0.00	55.05 -1.07 0.00	62.62 -1.21 0.00	80.93 -1.65 0.00	79.31 -1.37 0.00	61.41 -1.12 0.00	55.08 -1.07 0.00	48.92 -0.90 0.00
SITHE_IND_GS3 24171	46.46 -1.14 0.00	42.39 -1.04 0.00	40.53 -1.00 0.00	40.63 -0.95 0.00	40.99 -0.92 0.00	43.39 -0.93 0.00	57.26 -1.11 0.00	64.48 -1.25 0.00	58.94 -1.20 0.00	53.73 -0.98 0.00	51.42 -1.00 0.00	47.73 -0.87 0.00	45.79 -0.89 0.00	45.03 -0.78 0.00	43.70 -0.76 0.00	45.81 -0.79 0.00	48.40 -0.89 0.00	55.05 -1.07 0.00	62.62 -1.21 0.00	80.93 -1.65 0.00	79.31 -1.37 0.00	61.41 -1.12 0.00	55.08 -1.07 0.00	48.92 -0.90 0.00
SITHE_IND_GS4 24172	46.46 -1.14 0.00	42.39 -1.04 0.00	40.53 -1.00 0.00	40.63 -0.95 0.00	40.99 -0.92 0.00	43.39 -0.93 0.00	57.26 -1.11 0.00	64.48 -1.25 0.00	58.94 -1.20 0.00	53.73 -0.98 0.00	51.42 -1.00 0.00	47.73 -0.87 0.00	45.79 -0.89 0.00	45.03 -0.78 0.00	43.70 -0.76 0.00	45.81 -0.79 0.00	48.40 -0.89 0.00	55.05 -1.07 0.00	62.62 -1.21 0.00	80.93 -1.65 0.00	79.31 -1.37 0.00	61.41 -1.12 0.00	55.08 -1.07 0.00	48.92 -0.90 0.00

SITHE___BATAVIA 24024	46.46 -1.14 0.00	42.17 -1.26 0.00	40.65 -0.87 0.00	40.80 -0.79 0.00	41.37 -0.55 0.00	43.57 -0.75 0.00	57.78 -0.58 0.00	64.28 -1.45 0.00	53.51 -1.38 5.25	50.79 -0.82 3.11	50.35 -1.10 0.97	48.16 -0.44 0.00	45.42 -1.26 0.00	45.03 -0.78 0.00	43.88 -0.58 0.00	46.04 -0.56 0.00	47.95 -1.33 0.00	53.03 -2.02 1.07	58.02 -2.30 3.52	72.62 -3.80 6.17	79.31 -1.37 0.00	61.72 -0.81 0.00	55.30 -0.84 0.00	50.06 0.25 0.00
SITHE___INDEPEND 23800	46.46 -1.14 0.00	42.39 -1.04 0.00	40.57 -0.96 0.00	40.63 -0.96 0.00	40.95 -0.96 0.00	43.39 -0.93 0.00	57.26 -1.11 0.00	64.48 -1.25 0.00	58.94 -1.20 0.00	53.73 -0.98 0.00	51.43 -1.00 0.00	47.72 -0.87 0.00	45.79 -0.89 0.00	45.03 -0.78 0.00	43.70 -0.76 0.00	45.81 -0.79 0.00	48.40 -0.89 0.00	55.05 -1.07 0.00	62.62 -1.21 0.00	80.93 -1.65 0.00	79.31 -1.37 0.00	61.41 -1.13 0.00	55.08 -1.07 0.00	48.91 -0.90 0.00
SITHE___MASSENA 23902	47.22 -0.38 0.00	43.08 -0.35 0.00	41.07 -0.46 0.00	41.00 -0.58 0.00	41.24 -0.67 0.00	43.39 -0.93 0.00	59.46 -1.23 -2.32	66.98 -1.31 -2.57	61.07 -1.44 -2.37	55.65 -1.26 -2.19	53.33 -1.20 -2.12	49.28 -1.12 -1.80	47.62 -0.98 -1.92	46.80 -0.96 -1.95	45.33 -1.02 -1.90	47.46 -1.12 -1.98	50.13 -1.23 -2.07	55.90 -1.40 -1.19	64.91 -1.53 -2.61	83.82 -2.06 -3.30	82.07 -1.85 -3.24	64.11 -1.00 -2.58	57.58 -0.90 -2.34	51.22 -0.70 -2.11
SITHE___OGDNSBRG 24021	47.31 -0.29 0.00	43.17 -0.26 0.00	41.20 -0.33 0.00	41.13 -0.46 0.00	41.33 -0.59 0.00	43.53 -0.80 0.00	64.37 -0.93 -6.94	72.37 -1.05 -7.69	65.74 -1.50 -7.11	59.75 -1.53 -6.56	57.28 -1.47 -6.33	52.47 -1.51 -5.38	51.08 -1.35 -5.76	50.37 -1.28 -5.84	48.80 -1.33 -5.68	51.16 -1.35 -5.92	54.11 -1.38 -6.21	60.57 -1.40 -5.85	70.37 -1.28 -7.81	91.23 -1.24 -9.89	89.25 -1.13 -9.69	69.74 -0.50 -7.71	62.59 -0.56 -7.00	55.67 -0.45 -6.30
SITHE___STERLING 23777	48.60 1.00 0.00	44.38 0.95 0.00	42.48 0.96 0.00	42.58 1.00 0.00	42.92 1.00 0.00	45.56 1.24 0.00	60.35 1.99 0.00	67.97 2.24 0.00	62.01 1.87 0.00	56.31 1.59 0.00	53.99 1.57 0.00	49.91 1.31 0.00	48.03 1.35 0.00	47.09 1.28 0.00	45.75 1.29 0.00	47.95 1.35 0.00	50.81 1.53 0.00	57.86 1.74 0.00	66.13 2.29 0.00	85.89 3.31 0.00	84.00 3.31 0.00	64.85 2.32 0.00	57.99 1.85 0.00	51.40 1.59 0.00
SLEIGHT__34_KV_TB1 80719	46.84 -0.76 0.00	42.65 -0.78 0.00	40.90 -0.62 0.00	41.00 -0.58 0.00	41.25 -0.67 0.00	43.93 -0.40 0.00	58.19 -0.18 0.00	65.53 -0.20 0.00	59.90 -0.24 0.00	54.83 0.11 0.00	52.37 -0.05 0.00	48.84 0.24 0.00	46.63 -0.05 0.00	45.95 0.14 0.00	44.50 0.04 0.00	46.74 0.14 0.00	49.04 -0.25 0.00	55.73 -0.39 0.00	63.39 -0.45 0.00	81.67 -0.91 0.00	80.69 0.00 0.00	62.35 -0.19 0.00	55.86 -0.28 0.00	49.81 0.00 0.00
SOUTH CAIRO___GT 23612	49.55 1.95 0.00	45.43 2.00 0.00	43.44 1.91 0.00	43.54 1.95 0.00	43.89 1.97 0.00	46.50 2.17 0.00	61.05 2.68 0.00	68.42 2.69 0.00	62.30 2.17 0.00	56.19 1.48 0.00	53.57 1.15 0.00	49.38 0.78 0.00	47.61 0.93 0.00	46.68 0.87 0.00	45.30 0.84 0.00	47.48 0.89 0.00	50.51 1.23 0.00	58.31 2.19 0.00	66.71 2.87 0.00	86.88 4.29 0.00	84.48 3.79 0.00	65.35 2.81 0.00	58.56 2.41 0.00	52.00 2.19 0.00
SOUTH HAMPTN___IC 23720	52.60 5.00 -0.01	46.99 3.56 0.00	43.98 2.45 0.00	44.71 3.12 0.00	44.39 2.47 0.00	47.96 3.64 0.00	61.58 3.21 0.00	69.67 3.94 0.00	63.81 3.67 0.00	58.00 3.28 0.00	55.15 2.72 0.00	51.12 2.53 0.00	48.21 1.54 0.00	46.54 0.73 0.00	45.48 1.02 0.00	48.32 1.73 0.00	51.45 2.17 0.00	58.30 2.19 0.00	66.46 2.62 0.00	86.63 4.05 0.00	83.43 2.74 0.00	64.85 2.32 0.00	58.22 2.08 0.00	51.90 2.09 0.00
SOUTHDOW_115KV_TB1 355954	46.41 -1.19 0.00	42.08 -1.35 0.00	40.66 -0.87 0.00	40.76 -0.83 0.00	40.83 -1.09 0.00	43.35 -0.98 0.00	58.19 -0.18 0.00	64.61 -1.12 0.00	57.33 -1.14 1.67	52.81 -0.93 0.98	50.86 -1.26 0.31	48.11 -0.49 0.00	45.41 -1.26 0.00	44.99 -0.82 0.00	43.43 -1.02 0.00	45.71 -0.89 0.00	47.71 -1.58 0.00	53.37 -2.41 0.34	59.78 -2.94 1.12	75.91 -4.71 1.96	78.99 -1.69 0.00	61.53 -1.00 0.00	55.98 -0.17 0.00	51.01 1.20 0.00
SOUTHOLD_69_KV_BK 2 55809	52.70 5.09 -0.01	47.47 4.04 0.00	44.93 3.41 0.00	44.46 2.87 0.00	44.64 2.72 0.00	48.27 3.94 0.00	62.16 3.79 0.00	70.20 4.47 0.00	64.17 4.03 0.00	58.16 3.45 0.00	55.09 2.67 0.00	51.08 2.48 0.00	48.31 1.63 0.00	46.27 0.46 0.00	45.52 1.07 0.00	48.04 1.44 0.00	51.20 1.92 0.00	58.08 1.96 0.00	65.88 2.04 0.00	86.21 3.63 0.00	83.03 2.34 0.00	64.60 2.06 0.00	57.83 1.68 0.00	51.85 2.04 0.00
SOUTHOLD___IC 23719	53.03 5.42 -0.01	47.42 3.99 0.00	44.35 2.83 0.00	45.00 3.41 0.00	44.68 2.77 0.00	48.27 3.94 0.00	62.05 3.68 0.00	70.20 4.47 0.00	64.17 4.03 0.00	58.22 3.50 0.00	55.15 2.72 0.00	51.17 2.57 0.00	48.12 1.45 0.00	46.32 0.50 0.00	45.30 0.84 0.00	48.04 1.45 0.00	51.15 1.87 0.00	58.08 1.96 0.00	66.13 2.29 0.00	86.30 3.72 0.00	83.03 2.34 0.00	64.53 2.00 0.00	57.94 1.80 0.00	51.81 1.99 0.00
SOUTH_FORK_WT_PWR 323839	53.08 5.47 -0.01	47.42 3.99 0.00	44.31 2.78 0.00	44.95 3.37 0.00	44.56 2.64 0.00	48.18 3.85 0.00	61.87 3.50 0.00	70.00 4.27 0.00	63.93 3.79 0.00	57.94 3.23 0.00	54.67 2.25 0.00	50.79 2.19 0.00	47.70 1.03 0.00	45.77 -0.05 0.00	44.72 0.27 0.00	47.48 0.88 0.00	50.56 1.28 0.00	57.41 1.29 0.00	65.24 1.40 0.00	85.14 2.56 0.00	81.82 1.13 0.00	63.60 1.06 0.00	57.16 1.01 0.00	51.30 1.49 0.00
SPIERFLS_115KV_TB 1 80737	49.93 2.33 0.00	45.69 2.26 0.00	43.73 2.20 0.00	43.83 2.25 0.00	44.14 2.22 0.00	46.90 2.57 0.00	61.87 3.50 0.00	69.81 4.08 0.00	63.81 3.67 0.00	57.73 3.01 0.00	55.36 2.94 0.00	51.27 2.67 0.00	49.19 2.52 0.00	48.10 2.29 0.00	46.59 2.13 0.00	48.93 2.33 0.00	51.99 2.71 0.00	59.54 3.42 0.00	67.99 4.15 0.00	88.28 5.70 0.00	85.45 4.76 0.00	66.22 3.69 0.00	59.12 2.98 0.00	52.40 2.59 0.00
ST LAWRENCE____ 23600	46.98 -0.62 0.00	42.82 -0.61 0.00	40.86 -0.67 0.00	40.80 -0.79 0.00	41.03 -0.88 0.00	43.22 -1.11 0.00	56.80 -1.57 0.00	64.02 -1.71 0.00	58.46 -1.68 0.00	53.19 -1.53 0.00	50.95 -1.47 0.00	47.29 -1.31 0.00	45.46 -1.21 0.00	44.62 -1.19 0.00	43.21 -1.24 0.00	45.29 -1.30 0.00	47.85 -1.43 0.00	53.34 -1.63 1.15	61.98 -1.85 0.00	80.27 -2.31 0.00	78.51 -2.17 0.00	61.03 -1.50 0.00	54.91 -1.24 0.00	48.76 -1.05 0.00
STATE_CA_115KV_115_LB 55624	48.36 0.76 0.00	44.25 0.83 0.00	42.36 0.83 0.00	42.46 0.87 0.00	42.84 0.92 0.00	45.34 1.02 0.00	59.42 1.05 0.00	66.98 1.25 0.00	61.40 1.26 0.00	55.76 1.04 0.00	53.52 1.10 0.00	49.52 0.92 0.00	47.61 0.93 0.00	46.64 0.82 0.00	45.30 0.84 0.00	47.39 0.79 0.00	50.27 0.99 0.00	57.35 1.23 0.00	65.24 1.40 0.00	84.48 1.90 0.00	82.06 1.37 0.00	63.60 1.06 0.00	56.99 0.84 0.00	50.51 0.70 0.00

STATE_ST_34_KV_LOAD 55959	47.69 0.10 0.00	43.52 0.09 0.00	41.65 0.12 0.00	41.71 0.12 0.00	42.08 0.17 0.00	44.68 0.35 0.00	59.19 0.82 0.00	66.78 1.05 0.00	61.04 0.90 0.00	55.59 0.88 0.00	53.21 0.79 0.00	49.43 0.83 0.00	47.33 0.65 0.00	46.55 0.73 0.00	45.12 0.67 0.00	47.34 0.75 0.00	49.97 0.69 0.00	56.90 0.79 0.00	64.73 0.89 0.00	83.65 1.07 0.00	82.06 1.37 0.00	63.47 0.94 0.00	56.82 0.67 0.00	50.41 0.60 0.00
STATION 5_MISC_HYD 23604	46.74 -0.86 0.00	42.51 -0.91 0.00	40.78 -0.75 0.00	40.96 -0.62 0.00	41.46 -0.46 0.00	43.75 -0.58 0.00	57.90 -0.47 0.00	64.94 -0.79 0.00	59.36 -0.78 0.00	54.44 -0.27 0.00	51.95 -0.47 0.00	48.55 -0.05 0.00	46.30 -0.38 0.00	45.72 -0.09 0.00	44.46 0.00 0.00	46.55 -0.05 0.00	48.69 -0.59 0.00	55.16 -0.95 0.00	62.75 -1.09 0.00	80.60 -1.98 0.00	80.13 -0.56 0.00	62.10 -0.43 0.00	55.64 -0.51 0.00	49.86 0.05 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	47.41 -0.19 0.00	43.17 -0.26 0.00	41.40 -0.12 0.00	41.55 -0.04 0.00	41.83 -0.08 0.00	44.50 0.18 0.00	58.95 0.58 0.00	66.39 0.66 0.00	60.56 0.42 0.00	55.37 0.66 0.00	52.89 0.47 0.00	49.43 0.83 0.00	47.19 0.51 0.00	46.50 0.69 0.00	45.03 0.58 0.00	47.25 0.65 0.00	49.58 0.30 0.00	56.34 0.22 0.00	64.16 0.32 0.00	82.58 0.00 0.00	81.57 0.89 0.00	63.10 0.56 0.00	56.48 0.34 0.00	50.51 0.70 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	46.50 -1.09 0.00	42.30 -1.13 0.00	40.66 -0.87 0.00	40.76 -0.83 0.00	40.95 -0.96 0.00	43.53 -0.80 0.00	57.61 -0.76 0.00	64.68 -1.05 0.00	59.18 -0.96 0.00	54.22 -0.49 0.00	51.79 -0.63 0.00	48.45 -0.15 0.00	46.16 -0.51 0.00	45.54 -0.27 0.00	44.14 -0.31 0.00	46.36 -0.23 0.00	48.49 -0.79 0.00	55.00 -1.12 0.00	62.56 -1.28 0.00	80.43 -2.15 0.00	79.80 -0.89 0.00	61.72 -0.81 0.00	55.41 -0.73 0.00	49.61 -0.20 0.00
STA_56___34_KV_BUS2 355983	46.50 -1.09 0.00	42.30 -1.13 0.00	40.66 -0.87 0.00	40.76 -0.83 0.00	40.95 -0.96 0.00	43.53 -0.80 0.00	57.61 -0.76 0.00	64.68 -1.05 0.00	59.18 -0.96 0.00	54.22 -0.49 0.00	51.79 -0.63 0.00	48.45 -0.15 0.00	46.16 -0.51 0.00	45.54 -0.27 0.00	44.14 -0.31 0.00	46.36 -0.23 0.00	48.49 -0.79 0.00	55.00 -1.12 0.00	62.56 -1.28 0.00	80.43 -2.15 0.00	79.80 -0.89 0.00	61.72 -0.81 0.00	55.41 -0.73 0.00	49.61 -0.20 0.00
STA_67___115KV_BK2 355882	46.65 -0.95 0.00	42.43 -1.00 0.00	40.78 -0.75 0.00	40.88 -0.71 0.00	41.08 -0.84 0.00	43.66 -0.66 0.00	57.73 -0.64 0.00	64.74 -0.99 0.00	59.24 -0.90 0.00	54.28 -0.44 0.00	51.84 -0.58 0.00	48.50 -0.10 0.00	46.16 -0.51 0.00	45.58 -0.23 0.00	44.19 -0.27 0.00	46.41 -0.19 0.00	48.59 -0.69 0.00	55.05 -1.07 0.00	62.56 -1.28 0.00	80.43 -2.15 0.00	79.88 -0.81 0.00	61.85 -0.69 0.00	55.53 -0.62 0.00	49.76 -0.05 0.00
STA_7___115KV_9TRANS 80674	46.93 -0.67 0.00	42.69 -0.74 0.00	41.03 -0.50 0.00	41.13 -0.46 0.00	41.33 -0.59 0.00	43.93 -0.40 0.00	58.13 -0.23 0.00	65.27 -0.46 0.00	59.66 -0.48 0.00	54.72 0.00 0.00	52.26 -0.16 0.00	48.89 0.29 0.00	46.58 -0.09 0.00	46.00 0.18 0.00	44.54 0.09 0.00	46.78 0.19 0.00	48.94 -0.34 0.00	55.50 -0.62 0.00	63.14 -0.70 0.00	81.18 -1.40 0.00	80.61 -0.08 0.00	62.35 -0.19 0.00	55.92 -0.22 0.00	50.11 0.30 0.00
STA_82___115KV_TB1 80780	46.65 -0.95 0.00	42.43 -1.00 0.00	40.78 -0.75 0.00	40.88 -0.71 0.00	41.08 -0.84 0.00	43.66 -0.66 0.00	57.73 -0.64 0.00	64.74 -0.99 0.00	59.24 -0.90 0.00	54.28 -0.44 0.00	51.84 -0.58 0.00	48.50 -0.10 0.00	46.16 -0.51 0.00	45.58 -0.23 0.00	44.19 -0.27 0.00	46.41 -0.19 0.00	48.59 -0.69 0.00	55.05 -1.07 0.00	62.56 -1.28 0.00	80.43 -2.15 0.00	79.88 -0.81 0.00	61.85 -0.69 0.00	55.53 -0.62 0.00	49.76 -0.05 0.00
STEEL___WIND 323596	45.93 -1.67 0.00	41.65 -1.78 0.00	40.12 -1.41 0.00	40.30 -1.29 0.00	40.91 -1.01 0.00	42.86 -1.46 0.00	56.97 -1.40 0.00	62.91 -2.82 0.00	52.08 -2.58 5.47	49.64 -1.86 3.21	49.27 -2.15 1.00	47.29 -1.31 0.00	44.72 -1.96 0.00	44.39 -1.42 0.00	43.26 -1.20 0.00	45.34 -1.26 0.00	47.21 -2.07 0.00	51.86 -3.14 1.11	56.34 -3.83 3.67	69.87 -6.28 6.43	77.14 -3.55 0.00	60.34 -2.19 0.00	54.35 -1.80 0.00	49.41 -0.40 0.00
STEPHTWN_115KV_BK_2 55603	48.60 1.00 0.00	44.51 1.09 0.00	42.61 1.08 0.00	42.67 1.08 0.00	43.05 1.13 0.00	45.61 1.29 0.00	59.83 1.46 0.00	67.44 1.71 0.00	61.70 1.56 0.00	55.98 1.26 0.00	53.68 1.26 0.00	49.67 1.07 0.00	47.79 1.12 0.00	46.82 1.01 0.00	45.48 1.02 0.00	47.62 1.03 0.00	50.51 1.23 0.00	57.75 1.63 0.00	65.69 1.85 0.00	85.06 2.48 0.00	82.62 1.94 0.00	64.04 1.50 0.00	57.38 1.24 0.00	50.81 1.00 0.00
STEUBEN_REC_LFGE 323667	46.50 -1.09 0.00	42.21 -1.22 0.00	40.53 -1.00 0.00	40.63 -0.96 0.00	40.91 -1.01 0.00	43.66 -0.66 0.00	57.96 -0.41 0.00	64.88 -0.85 0.00	77.13 -1.32 -18.31	64.24 -1.26 -10.78	54.32 -1.47 -3.37	47.72 -0.87 0.00	45.18 -1.49 0.00	44.62 -1.19 0.00	43.21 -1.24 0.00	45.29 -1.30 0.00	47.61 -1.68 0.00	57.76 -2.08 -3.72	73.95 -2.17 -12.28	101.03 -3.06 -21.51	79.40 -1.29 0.00	61.78 -0.75 0.00	55.53 -0.62 0.00	50.06 0.25 0.00
STILLWATER___SOLAR 323814	49.60 2.00 0.00	45.38 1.96 0.00	43.40 1.87 0.00	43.54 1.96 0.00	43.85 1.93 0.00	46.54 2.22 0.00	61.23 2.86 0.00	69.02 3.29 0.00	63.09 2.95 0.00	57.12 2.40 0.00	54.78 2.36 0.00	50.74 2.14 0.00	48.73 2.05 0.00	47.65 1.83 0.00	46.19 1.73 0.00	48.51 1.91 0.00	51.50 2.22 0.00	58.92 2.80 0.00	67.22 3.38 0.00	87.12 4.54 0.00	84.56 3.87 0.00	65.54 3.00 0.00	58.61 2.47 0.00	52.00 2.19 0.00
STONY___BROOK 24151	51.94 4.33 -0.01	46.73 3.30 0.00	43.98 2.45 0.00	44.54 2.95 0.00	44.43 2.51 0.00	47.83 3.50 0.00	61.58 3.21 0.00	69.67 3.94 0.00	63.63 3.49 0.00	57.83 3.12 0.00	55.15 2.72 0.00	51.37 2.77 0.00	48.91 2.24 0.00	47.51 1.70 0.00	46.32 1.87 0.00	49.16 2.56 0.00	52.29 3.01 0.00	59.20 3.08 0.00	67.47 3.64 0.00	87.62 5.04 0.00	84.48 3.79 0.00	65.78 3.25 0.00	59.06 2.92 0.00	52.40 2.59 0.00
STURGEON_POOL_HYD 23609	50.03 2.43 0.00	45.64 2.21 0.00	43.60 2.08 0.00	43.67 2.08 0.00	44.10 2.18 0.00	46.72 2.39 0.00	61.40 3.04 0.00	69.35 3.62 0.00	63.51 3.37 0.00	57.78 3.06 0.00	55.25 2.83 0.00	51.03 2.43 0.00	49.15 2.47 0.00	48.15 2.34 0.00	46.81 2.36 0.00	49.02 2.42 0.00	51.99 2.71 0.00	59.15 3.03 0.00	67.22 3.38 0.00	87.12 4.54 0.00	84.88 4.20 0.00	65.54 3.00 0.00	58.90 2.75 0.00	52.20 2.39 0.00
ST_LAW_115_BK7_LBMP 345037	46.93 -0.67 0.00	42.78 -0.65 0.00	40.82 -0.71 0.00	40.76 -0.83 0.00	40.99 -0.92 0.00	43.13 -1.19 0.00	56.73 -1.63 0.00	63.96 -1.77 0.00	58.34 -1.80 0.00	53.08 -1.64 0.00	50.90 -1.52 0.00	47.19 -1.41 0.00	45.37 -1.31 0.00	44.53 -1.28 0.00	43.12 -1.33 0.00	45.20 -1.40 0.00	47.75 -1.53 0.00	53.24 -1.74 1.13	61.86 -1.98 0.00	80.11 -2.48 0.00	78.43 -2.26 0.00	60.97 -1.56 0.00	54.80 -1.35 0.00	48.71 -1.10 0.00

ST_LAW_115_BK8_LBMP 345038	46.93 -0.67 0.00	42.78 -0.65 0.00	40.82 -0.71 0.00	40.76 -0.83 0.00	40.99 -0.92 0.00	43.13 -1.19 0.00	56.73 -1.63 0.00	63.96 -1.77 0.00	58.34 -1.80 0.00	53.08 -1.64 0.00	50.90 -1.52 0.00	47.19 -1.41 0.00	45.37 -1.31 0.00	44.53 -1.28 0.00	43.12 -1.33 0.00	45.20 -1.40 0.00	47.75 -1.53 0.00	53.24 -1.74 1.13	61.86 -1.98 0.00	80.11 -2.48 0.00	78.43 -2.26 0.00	60.97 -1.56 0.00	54.80 -1.35 0.00	48.71 -1.10 0.00
ST_LAW_230_BK5_LBMP 345035	46.98 -0.62 0.00	42.82 -0.61 0.00	40.86 -0.67 0.00	40.80 -0.79 0.00	41.03 -0.88 0.00	43.22 -1.11 0.00	56.80 -1.57 0.00	64.02 -1.71 0.00	58.46 -1.68 0.00	53.19 -1.53 0.00	50.95 -1.47 0.00	47.29 -1.31 0.00	45.46 -1.21 0.00	44.62 -1.19 0.00	43.21 -1.24 0.00	45.29 -1.30 0.00	47.85 -1.43 0.00	53.33 -1.63 1.16	61.98 -1.85 0.00	80.27 -2.31 0.00	78.51 -2.17 0.00	61.03 -1.50 0.00	54.91 -1.24 0.00	48.76 -1.05 0.00
ST_LAW_230_BK6_LBMP 345036	46.98 -0.62 0.00	42.82 -0.61 0.00	40.86 -0.67 0.00	40.80 -0.79 0.00	41.03 -0.88 0.00	43.22 -1.11 0.00	56.80 -1.57 0.00	64.02 -1.71 0.00	58.46 -1.68 0.00	53.19 -1.53 0.00	50.95 -1.47 0.00	47.29 -1.31 0.00	45.46 -1.21 0.00	44.62 -1.19 0.00	43.21 -1.24 0.00	45.29 -1.30 0.00	47.85 -1.43 0.00	53.33 -1.63 1.16	61.98 -1.85 0.00	80.27 -2.31 0.00	78.51 -2.17 0.00	61.03 -1.50 0.00	54.91 -1.24 0.00	48.76 -1.05 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	49.74 2.14 0.00	45.38 1.95 0.00	43.35 1.83 0.00	43.38 1.79 0.00	43.84 1.93 0.00	46.54 2.22 0.00	61.23 2.86 0.00	69.28 3.55 0.00	63.51 3.37 0.00	57.78 3.06 0.00	55.30 2.88 0.00	51.13 2.53 0.00	49.19 2.52 0.00	48.15 2.34 0.00	46.86 2.40 0.00	49.07 2.47 0.00	51.99 2.71 0.00	58.98 2.86 0.00	66.97 3.13 0.00	86.71 4.13 0.00	84.40 3.71 0.00	65.22 2.69 0.00	58.56 2.41 0.00	51.90 2.09 0.00
SWANROAD_115KV_TB1 355699	44.60 -3.00 0.00	40.48 -2.95 0.00	39.12 -2.41 0.00	39.30 -2.29 0.00	39.19 -2.72 0.00	41.67 -2.66 0.00	55.10 -3.27 0.00	60.93 -4.80 0.00	48.73 -4.51 6.90	47.16 -3.50 4.05	47.49 -3.67 1.26	46.07 -2.53 0.00	43.36 -3.31 0.00	43.11 -2.70 0.00	41.74 -2.71 0.00	44.08 -2.52 0.00	45.88 -3.40 0.00	49.95 -4.77 1.40	53.40 -5.81 4.63	65.81 -8.67 8.10	74.80 -5.89 0.00	58.34 -4.19 0.00	52.83 -3.31 0.00	47.97 -1.84 0.00
SYNERGY___BIOGAS 323694	46.50 -1.09 0.00	42.17 -1.26 0.00	40.70 -0.83 0.00	40.88 -0.71 0.00	40.91 -1.01 0.00	43.53 -0.80 0.00	57.73 -0.64 0.00	64.28 -1.45 0.00	53.51 -1.38 5.25	50.79 -0.82 3.11	50.30 -1.15 0.97	48.31 -0.29 0.00	45.46 -1.21 0.00	45.08 -0.73 0.00	43.61 -0.84 0.00	46.04 -0.56 0.00	47.95 -1.33 0.00	53.09 -1.96 1.07	58.02 -2.30 3.52	72.62 -3.80 6.17	79.31 -1.37 0.00	61.41 -1.13 0.00	55.30 -0.84 0.00	50.06 0.25 0.00
SYRACUSE___ENERGY_ST1 323597	47.55 -0.05 0.00	43.39 -0.04 0.00	41.49 -0.04 0.00	41.63 0.04 0.00	41.92 0.00 0.00	44.50 0.18 0.00	58.84 0.47 0.00	66.32 0.59 0.00	60.68 0.54 0.00	55.26 0.55 0.00	52.95 0.52 0.00	49.13 0.53 0.00	47.09 0.42 0.00	46.32 0.50 0.00	44.90 0.44 0.00	47.11 0.51 0.00	49.73 0.44 0.00	56.62 0.51 0.00	64.41 0.57 0.00	83.24 0.66 0.00	81.57 0.89 0.00	63.10 0.56 0.00	56.54 0.39 0.00	50.11 0.30 0.00
SYRACUSE___ENERGY_ST2 323598	47.55 -0.05 0.00	43.39 -0.04 0.00	41.49 -0.04 0.00	41.63 0.04 0.00	41.92 0.00 0.00	44.50 0.18 0.00	58.84 0.47 0.00	66.32 0.59 0.00	60.68 0.54 0.00	55.26 0.55 0.00	52.95 0.52 0.00	49.13 0.53 0.00	47.09 0.42 0.00	46.32 0.50 0.00	44.90 0.44 0.00	47.11 0.51 0.00	49.73 0.44 0.00	56.62 0.51 0.00	64.41 0.57 0.00	83.24 0.66 0.00	81.57 0.89 0.00	63.10 0.56 0.00	56.54 0.39 0.00	50.11 0.30 0.00
SYRACUSE___POWER 24017	47.46 -0.14 0.00	43.30 -0.13 0.00	41.44 -0.08 0.00	41.55 -0.04 0.00	41.87 -0.04 0.00	44.41 0.09 0.00	58.72 0.35 0.00	66.19 0.46 0.00	60.56 0.42 0.00	55.15 0.44 0.00	52.79 0.37 0.00	49.04 0.44 0.00	47.05 0.37 0.00	46.18 0.37 0.00	44.81 0.36 0.00	47.02 0.42 0.00	49.63 0.34 0.00	56.51 0.39 0.00	64.28 0.45 0.00	83.08 0.50 0.00	81.41 0.73 0.00	62.97 0.44 0.00	56.42 0.28 0.00	50.06 0.25 0.00
TALLMAN___138KV_BK151 55660	50.07 2.48 0.00	45.64 2.21 0.00	43.60 2.08 0.00	43.58 2.00 0.00	44.10 2.18 0.00	46.90 2.57 0.00	61.70 3.33 0.00	69.87 4.14 0.00	64.11 3.97 0.00	58.33 3.61 0.00	55.83 3.41 0.00	51.61 3.01 0.00	49.66 2.99 0.00	48.61 2.79 0.00	47.30 2.85 0.00	49.53 2.94 0.00	52.49 3.20 0.00	59.37 3.25 0.00	67.41 3.57 0.00	87.21 4.62 0.00	84.88 4.20 0.00	65.54 3.00 0.00	58.90 2.75 0.00	52.20 2.39 0.00
TEALLAVE_115KV_TB7 355573	47.31 -0.29 0.00	43.17 -0.26 0.00	41.32 -0.21 0.00	41.42 -0.17 0.00	41.75 -0.17 0.00	44.28 -0.04 0.00	58.54 0.18 0.00	65.99 0.26 0.00	60.38 0.24 0.00	55.05 0.33 0.00	52.68 0.26 0.00	48.94 0.34 0.00	46.95 0.28 0.00	46.09 0.27 0.00	44.72 0.27 0.00	46.92 0.33 0.00	49.53 0.25 0.00	56.34 0.22 0.00	64.09 0.26 0.00	82.83 0.25 0.00	81.17 0.48 0.00	62.72 0.19 0.00	56.26 0.11 0.00	49.91 0.10 0.00
TELGRAPH_34_KV_EAST 80808	45.69 -1.90 0.00	41.47 -1.95 0.00	40.03 -1.49 0.00	40.21 -1.37 0.00	40.20 -1.72 0.00	42.73 -1.60 0.00	56.62 -1.75 0.00	62.84 -2.89 0.00	51.34 -2.53 6.27	49.20 -1.81 3.71	49.22 -2.04 1.16	47.48 -1.12 0.00	44.57 -2.10 0.00	44.26 -1.56 0.00	42.85 -1.60 0.00	45.25 -1.35 0.00	47.11 -2.17 0.00	51.70 -3.14 1.27	55.87 -3.77 4.20	69.35 -5.86 7.36	77.38 -3.31 0.00	60.10 -2.44 0.00	54.29 -1.85 0.00	49.16 -0.65 0.00
TEMPLE___115KV_TB 2 55572	47.36 -0.24 0.00	43.17 -0.26 0.00	41.32 -0.21 0.00	41.42 -0.17 0.00	41.75 -0.17 0.00	44.33 0.00 0.00	58.60 0.23 0.00	66.06 0.33 0.00	60.44 0.30 0.00	55.10 0.38 0.00	52.74 0.31 0.00	48.99 0.39 0.00	47.00 0.33 0.00	46.13 0.32 0.00	44.77 0.31 0.00	46.92 0.33 0.00	49.58 0.30 0.00	56.40 0.28 0.00	64.09 0.26 0.00	82.83 0.25 0.00	81.17 0.48 0.00	62.78 0.25 0.00	56.31 0.17 0.00	49.91 0.10 0.00
TIANA____69_KV_BK 1 55817	52.08 4.47 -0.01	46.90 3.47 0.00	44.43 2.91 0.00	44.00 2.41 0.00	44.31 2.39 0.00	47.87 3.55 0.00	61.52 3.15 0.00	69.48 3.75 0.00	63.69 3.55 0.00	57.89 3.17 0.00	55.15 2.73 0.00	51.03 2.43 0.00	48.45 1.77 0.00	46.55 0.73 0.00	45.79 1.33 0.00	48.37 1.77 0.00	51.50 2.22 0.00	58.42 2.30 0.00	66.33 2.49 0.00	86.71 4.13 0.00	83.51 2.82 0.00	65.04 2.50 0.00	58.22 2.08 0.00	51.90 2.09 0.00
TILDEN___115KV_TB1 80814	47.46 -0.14 0.00	43.30 -0.13 0.00	41.44 -0.08 0.00	41.55 -0.04 0.00	41.87 -0.04 0.00	44.41 0.09 0.00	58.72 0.35 0.00	66.19 0.46 0.00	60.56 0.42 0.00	55.15 0.44 0.00	52.79 0.37 0.00	49.04 0.44 0.00	47.05 0.37 0.00	46.18 0.37 0.00	44.81 0.36 0.00	47.02 0.42 0.00	49.63 0.34 0.00	56.51 0.39 0.00	64.28 0.45 0.00	83.08 0.50 0.00	81.41 0.73 0.00	62.97 0.44 0.00	56.42 0.28 0.00	50.06 0.25 0.00

TRIGEN__CC 323695	51.04 3.43 -0.02	46.38 2.95 0.00	44.14 2.62 0.00	44.04 2.45 0.00	44.43 2.51 0.00	47.61 3.28 0.00	61.93 3.56 0.00	70.00 4.27 0.00	64.11 3.97 0.00	58.33 3.61 0.00	55.62 3.20 0.00	51.81 3.21 0.00	49.71 3.03 0.00	48.33 2.52 0.00	47.21 2.76 0.00	49.63 3.03 0.00	52.68 3.40 0.00	59.54 3.42 0.00	67.67 3.83 0.00	88.03 5.45 0.00	85.20 4.52 0.00	66.10 3.56 0.00	59.29 3.14 0.00	52.65 2.84 0.00
TRINITY__115KV__ 4 BK 55933	48.22 0.62 0.00	44.12 0.69 0.00	42.23 0.71 0.00	42.34 0.75 0.00	42.71 0.80 0.00	45.21 0.89 0.00	59.24 0.88 0.00	66.72 0.99 0.00	61.16 1.02 0.00	55.54 0.82 0.00	53.31 0.89 0.00	49.33 0.73 0.00	47.42 0.75 0.00	46.45 0.64 0.00	45.17 0.71 0.00	47.25 0.65 0.00	50.07 0.79 0.00	57.13 1.01 0.00	64.99 1.15 0.00	84.15 1.57 0.00	81.73 1.05 0.00	63.35 0.81 0.00	56.82 0.67 0.00	50.31 0.50 0.00
UNION__PROCESSING_DRP 323587	46.65 -0.95 0.00	42.43 -1.00 0.00	40.78 -0.75 0.00	40.88 -0.71 0.00	41.08 -0.84 0.00	43.66 -0.66 0.00	57.78 -0.58 0.00	64.81 -0.92 0.00	59.24 -0.90 0.00	54.28 -0.44 0.00	51.84 -0.58 0.00	48.50 -0.10 0.00	46.16 -0.51 0.00	45.58 -0.23 0.00	44.19 -0.27 0.00	46.41 -0.19 0.00	48.59 -0.69 0.00	55.05 -1.07 0.00	62.56 -1.28 0.00	80.43 -2.15 0.00	79.88 -0.81 0.00	61.85 -0.69 0.00	55.53 -0.62 0.00	49.76 -0.05 0.00
UPPER HUDSON__HYD 24058	49.93 2.33 0.00	45.69 2.26 0.00	43.69 2.16 0.00	43.83 2.24 0.00	44.14 2.22 0.00	46.90 2.57 0.00	61.87 3.50 0.00	69.81 4.08 0.00	63.81 3.67 0.00	57.72 3.01 0.00	55.35 2.93 0.00	51.27 2.67 0.00	49.19 2.52 0.00	48.10 2.29 0.00	46.59 2.13 0.00	48.93 2.33 0.00	51.99 2.71 0.00	59.54 3.42 0.00	67.98 4.15 0.00	88.27 5.69 0.00	85.45 4.76 0.00	66.22 3.69 0.00	59.12 2.97 0.00	52.40 2.59 0.00
UPPER RAQUET__HYD 24056	45.93 -1.67 0.00	41.91 -1.52 0.00	39.95 -1.58 0.00	39.84 -1.75 0.00	40.03 -1.89 0.00	42.11 -2.22 0.00	65.44 -2.80 -9.87	73.58 -3.09 -10.94	67.12 -3.13 -10.11	61.15 -2.90 -9.34	58.65 -2.78 -9.01	53.58 -2.67 -7.65	52.44 -2.43 -8.19	51.74 -2.38 -8.31	50.14 -2.40 -8.08	52.45 -2.56 -8.42	55.45 -2.66 -8.83	62.01 -2.92 -8.82	71.75 -3.19 -11.11	92.77 -3.88 -14.07	90.76 -3.71 -13.79	70.94 -2.57 -10.97	63.75 -2.36 -9.97	56.73 -2.04 -8.97
VALLEY44_115KV_TB2 355964	46.27 -1.33 0.00	42.04 -1.39 0.00	40.45 -1.08 0.00	40.46 -1.12 0.00	40.83 -1.09 0.00	43.39 -0.93 0.00	57.73 -0.64 0.00	63.89 -1.84 0.00	58.28 -1.86 0.00	53.19 -1.53 0.00	50.64 -1.78 0.00	47.48 -1.12 0.00	44.90 -1.77 0.00	44.48 -1.33 0.00	43.03 -1.42 0.00	45.01 -1.58 0.00	47.11 -2.17 0.00	52.98 -3.14 0.00	59.94 -3.89 0.00	76.47 -6.11 0.00	76.97 -3.71 0.00	59.78 -2.75 0.00	54.35 -1.80 0.00	49.56 -0.25 0.00
VALLEY__115KV_TB 1-4 80826	46.69 -0.90 0.00	42.39 -1.04 0.00	40.24 -1.29 0.00	40.17 -1.41 0.00	40.37 -1.55 0.00	42.73 -1.60 0.00	56.38 -1.98 0.00	63.50 -2.23 0.00	57.97 -2.17 0.00	52.64 -2.08 0.00	50.53 -1.89 0.00	46.70 -1.90 0.00	44.90 -1.77 0.00	43.98 -1.83 0.00	42.68 -1.78 0.00	44.73 -1.86 0.00	47.31 -1.97 0.00	53.96 -2.24 -0.09	61.54 -2.30 0.00	80.02 -2.56 0.00	78.02 -2.66 0.00	60.41 -2.13 0.00	54.07 -2.08 0.00	47.87 -1.94 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	49.93 2.33 0.00	45.73 2.30 0.00	43.73 2.20 0.00	43.92 2.33 0.00	44.26 2.35 0.00	46.81 2.48 0.00	61.93 3.56 0.00	69.67 3.94 0.00	63.87 3.73 0.00	58.00 3.28 0.00	55.62 3.20 0.00	51.42 2.82 0.00	49.47 2.80 0.00	48.52 2.70 0.00	47.08 2.62 0.00	49.35 2.75 0.00	52.19 2.91 0.00	59.26 3.14 0.00	67.48 3.64 0.00	87.37 4.79 0.00	85.37 4.68 0.00	66.04 3.50 0.00	59.29 3.14 0.00	52.60 2.79 0.00
VISCHER__FERRY HYD 24020	49.02 1.43 0.00	44.82 1.39 0.00	42.86 1.33 0.00	43.00 1.41 0.00	43.34 1.43 0.00	45.97 1.64 0.00	60.35 1.99 0.00	67.97 2.24 0.00	62.24 2.10 0.00	56.47 1.75 0.00	54.20 1.78 0.00	50.15 1.55 0.00	48.21 1.54 0.00	47.19 1.37 0.00	45.79 1.33 0.00	48.04 1.45 0.00	50.91 1.62 0.00	58.20 2.08 0.00	66.26 2.43 0.00	85.72 3.14 0.00	83.34 2.66 0.00	64.59 2.06 0.00	57.89 1.74 0.00	51.26 1.45 0.00
V_A_10_SYNC_DSASP 323832	45.84 -1.76 0.00	41.65 -1.78 0.00	40.03 -1.49 0.00	40.22 -1.37 0.00	40.74 -1.17 0.00	42.86 -1.46 0.00	56.67 -1.69 0.00	63.17 -2.56 0.00	53.75 -2.29 4.10	50.71 -1.59 2.41	49.94 -1.73 0.75	47.43 -1.17 0.00	45.09 -1.59 0.00	44.62 -1.19 0.00	43.48 -0.98 0.00	45.53 -1.07 0.00	47.56 -1.73 0.00	52.76 -2.52 0.83	58.02 -3.06 2.75	72.81 -4.95 4.82	77.70 -2.98 0.00	60.60 -1.94 0.00	54.46 -1.68 0.00	49.01 -0.80 0.00
V_CMM_10_SYNC_DSASP 323787	47.12 -0.48 0.00	42.95 -0.48 0.00	40.99 -0.54 0.00	40.92 -0.67 0.00	41.16 -0.75 0.00	43.31 -1.02 0.00	56.97 -1.40 0.00	64.22 -1.51 0.00	58.58 -1.56 0.00	53.35 -1.37 0.00	51.11 -1.31 0.00	47.39 -1.21 0.00	45.60 -1.07 0.00	44.76 -1.05 0.00	43.35 -1.11 0.00	45.39 -1.21 0.00	47.95 -1.33 0.00	53.47 -1.51 1.13	62.12 -1.72 0.00	80.52 -2.06 0.00	78.83 -1.85 0.00	61.28 -1.25 0.00	55.08 -1.07 0.00	48.96 -0.85 0.00
V_CMP_10_SYNC_DSASP 323788	47.65 0.05 0.00	43.30 -0.13 0.00	41.15 -0.37 0.00	40.80 -0.79 0.00	40.62 -1.30 0.00	42.38 -1.95 0.00	-4.36 -2.97 59.76	-3.68 -3.15 66.26	-4.16 -3.06 61.24	-4.61 -2.79 56.54	-4.81 -2.67 54.56	-0.28 -2.53 46.35	-5.24 -2.29 49.63	-6.81 -2.29 50.34	-6.87 -2.36 48.97	-6.91 -2.52 50.99	-6.85 -2.66 53.48	-6.83 -2.98 59.98	-6.81 -3.39 67.26	-6.67 -4.04 85.20	-6.59 -3.79 83.49	-6.75 -2.88 66.41	-6.78 -2.58 60.34	-6.75 -2.24 54.32
V_D_10_SYNC_DSASP 323841	47.22 -0.38 0.00	43.08 -0.35 0.00	41.07 -0.46 0.00	41.00 -0.58 0.00	41.24 -0.67 0.00	43.39 -0.93 0.00	59.35 -1.23 -2.21	66.86 -1.31 -2.45	60.96 -1.44 -2.26	55.55 -1.26 -2.09	53.23 -1.20 -2.01	49.20 -1.12 -1.71	47.52 -0.98 -1.83	46.71 -0.96 -1.86	45.24 -1.02 -1.81	47.36 -1.12 -1.88	50.07 -1.18 -1.98	55.79 -1.40 -1.08	64.79 -1.53 -2.48	83.67 -2.06 -3.15	81.99 -1.78 -3.08	63.98 -1.00 -2.45	57.47 -0.90 -2.23	51.12 -0.70 -2.01
V_E_10_SYNC_DSASP 323830	50.69 3.09 0.00	46.34 2.91 0.00	44.19 2.66 0.00	44.33 2.74 0.00	44.68 2.77 0.00	47.56 3.23 0.00	63.44 5.08 0.00	71.12 5.39 0.00	65.94 4.33 -1.47	58.98 3.39 -0.87	55.94 3.25 -0.27	51.42 2.82 0.00	49.43 2.75 0.00	48.52 2.70 0.00	47.21 2.76 0.00	49.62 3.03 0.00	52.58 3.30 0.00	60.23 3.82 -0.30	69.87 5.04 -0.99	91.82 7.51 -1.73	88.27 7.58 0.00	67.97 5.44 0.00	60.69 4.55 0.00	53.84 4.03 0.00
V_F_30_NSYNC__DSASP 323816	49.69 2.09 0.00	45.43 2.00 0.00	43.48 1.95 0.00	43.62 2.04 0.00	43.89 1.97 0.00	46.58 2.26 0.00	61.29 2.92 0.00	69.08 3.35 0.00	63.20 3.07 0.00	57.24 2.52 0.00	54.89 2.46 0.00	50.84 2.24 0.00	48.82 2.15 0.00	47.78 1.97 0.00	46.28 1.82 0.00	48.60 2.00 0.00	51.60 2.32 0.00	59.03 2.92 0.00	67.28 3.44 0.00	87.20 4.62 0.00	84.64 3.95 0.00	65.66 3.13 0.00	58.73 2.58 0.00	52.05 2.24 0.00

V_F_30_SYNC_DSASP 323786	48.36 0.76 0.00	44.25 0.83 0.00	42.36 0.83 0.00	42.46 0.87 0.00	42.84 0.92 0.00	45.34 1.02 0.00	59.42 1.05 0.00	66.98 1.25 0.00	61.34 1.20 0.00	55.70 0.98 0.00	53.47 1.05 0.00	49.52 0.92 0.00	47.61 0.93 0.00	46.64 0.82 0.00	45.30 0.84 0.00	47.39 0.79 0.00	50.27 0.99 0.00	57.35 1.23 0.00	65.24 1.40 0.00	84.48 1.90 0.00	82.06 1.37 0.00	63.60 1.06 0.00	56.99 0.84 0.00	50.51 0.70 0.00
V_XM_10_SYNC_DSASP 323789	47.65 0.05 0.00	43.30 -0.13 0.00	41.15 -0.37 0.00	40.80 -0.79 0.00	40.62 -1.30 0.00	42.38 -1.95 0.00	-4.36 -2.97 59.76	-3.68 -3.15 66.26	-4.16 -3.06 61.24	-4.61 -2.79 56.54	-4.81 -2.67 54.56	-0.28 -2.53 46.35	-5.24 -2.29 49.63	-6.81 -2.29 50.34	-6.87 -2.36 48.97	-6.91 -2.52 50.99	-6.85 -2.66 53.48	-6.83 -2.98 59.98	-6.81 -3.39 67.26	-6.67 -4.04 85.20	-6.59 -3.79 83.49	-6.75 -2.88 66.41	-6.78 -2.58 60.34	-6.75 -2.24 54.32
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	50.22 2.62 0.00	45.77 2.35 0.00	43.69 2.16 0.00	43.71 2.12 0.00	44.18 2.26 0.00	46.98 2.66 0.00	61.87 3.50 0.00	70.07 4.34 0.00	64.23 4.09 0.00	58.49 3.78 0.00	55.93 3.51 0.00	51.76 3.16 0.00	49.80 3.13 0.00	48.75 2.93 0.00	47.39 2.93 0.00	49.63 3.03 0.00	52.63 3.35 0.00	59.54 3.42 0.00	67.60 3.77 0.00	87.54 4.95 0.00	85.20 4.52 0.00	65.79 3.25 0.00	59.06 2.92 0.00	52.35 2.54 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	50.79 3.19 0.00	46.12 2.69 0.00	44.06 2.53 0.00	44.08 2.50 0.00	44.56 2.64 0.00	47.43 3.10 0.00	62.63 4.26 0.00	70.92 5.19 0.00	65.19 5.05 0.00	59.42 4.71 0.00	56.77 4.35 0.00	52.58 3.99 0.00	50.55 3.87 0.00	49.43 3.62 0.00	48.10 3.65 0.00	50.37 3.77 0.00	53.42 4.14 0.00	60.50 4.38 0.00	68.69 4.85 0.00	88.86 6.28 0.00	86.33 5.65 0.00	66.66 4.13 0.00	59.85 3.71 0.00	53.05 3.24 0.00
W50THST__13_KV_LOAD 356117	50.93 3.33 0.00	46.30 2.87 0.00	44.23 2.70 0.00	44.25 2.66 0.00	44.68 2.77 0.00	47.65 3.32 0.00	63.10 4.73 0.00	71.38 5.65 0.00	65.67 5.53 0.00	59.86 5.14 0.00	57.24 4.82 0.00	53.02 4.42 0.00	50.97 4.29 0.00	49.85 4.03 0.00	48.46 4.00 0.00	50.74 4.15 0.00	53.82 4.53 0.00	60.94 4.83 0.00	69.07 5.23 0.00	89.27 6.69 0.00	86.74 6.05 0.00	67.10 4.57 0.00	60.13 3.99 0.00	53.35 3.54 0.00
WADING RIVER_IC_1 23522	51.84 4.23 -0.01	46.21 2.78 0.00	43.23 1.70 0.00	44.04 2.45 0.00	43.68 1.76 0.00	47.25 2.92 0.00	60.47 2.10 0.00	68.43 2.70 0.00	62.91 2.77 0.00	57.29 2.57 0.00	54.78 2.36 0.00	50.59 1.99 0.00	47.79 1.12 0.00	46.14 0.32 0.00	45.21 0.76 0.00	47.99 1.40 0.00	51.11 1.82 0.00	57.91 1.80 0.00	66.01 2.17 0.00	85.97 3.39 0.00	82.78 2.09 0.00	64.35 1.81 0.00	57.83 1.68 0.00	51.36 1.55 0.00
WADING RIVER_IC_2 23547	51.84 4.23 -0.01	46.21 2.78 0.00	43.23 1.70 0.00	44.04 2.45 0.00	43.68 1.76 0.00	47.25 2.92 0.00	60.47 2.10 0.00	68.43 2.70 0.00	62.91 2.77 0.00	57.29 2.57 0.00	54.78 2.36 0.00	50.59 1.99 0.00	47.79 1.12 0.00	46.14 0.32 0.00	45.21 0.76 0.00	47.99 1.40 0.00	51.11 1.82 0.00	57.91 1.80 0.00	66.01 2.17 0.00	85.97 3.39 0.00	82.78 2.09 0.00	64.35 1.81 0.00	57.83 1.68 0.00	51.36 1.55 0.00
WADING RIVER_IC_3 23601	51.84 4.23 -0.01	46.21 2.78 0.00	43.23 1.70 0.00	44.04 2.45 0.00	43.68 1.76 0.00	47.25 2.92 0.00	60.47 2.10 0.00	68.43 2.70 0.00	62.91 2.77 0.00	57.29 2.57 0.00	54.78 2.36 0.00	50.59 1.99 0.00	47.79 1.12 0.00	46.14 0.32 0.00	45.21 0.76 0.00	47.99 1.40 0.00	51.11 1.82 0.00	57.91 1.80 0.00	66.01 2.17 0.00	85.97 3.39 0.00	82.78 2.09 0.00	64.35 1.81 0.00	57.83 1.68 0.00	51.36 1.55 0.00
WALDENNY_12_KV_BK2 80841	45.98 -1.62 0.00	41.69 -1.74 0.00	40.28 -1.25 0.00	40.38 -1.21 0.00	40.41 -1.51 0.00	42.91 -1.42 0.00	56.91 -1.46 0.00	62.97 -2.76 0.00	51.99 -2.53 5.63	49.61 -1.81 3.30	49.29 -2.10 1.03	47.48 -1.12 0.00	44.81 -1.87 0.00	44.48 -1.33 0.00	43.03 -1.42 0.00	45.43 -1.16 0.00	47.31 -1.97 0.00	51.94 -3.03 1.14	56.30 -3.77 3.77	69.78 -6.19 6.61	77.22 -3.47 0.00	60.03 -2.50 0.00	54.35 -1.80 0.00	49.36 -0.45 0.00
WALDEN__HYDRO 24148	49.98 2.38 0.00	45.60 2.17 0.00	43.52 1.99 0.00	43.58 2.00 0.00	44.01 2.10 0.00	46.76 2.44 0.00	61.46 3.09 0.00	69.54 3.81 0.00	63.69 3.55 0.00	57.95 3.23 0.00	55.41 2.99 0.00	51.17 2.58 0.00	49.24 2.57 0.00	48.24 2.43 0.00	46.90 2.45 0.00	49.11 2.52 0.00	52.09 2.81 0.00	59.15 3.03 0.00	67.29 3.45 0.00	87.21 4.62 0.00	84.96 4.28 0.00	65.54 3.00 0.00	58.90 2.75 0.00	52.20 2.39 0.00
WARRENSBURG____ 23737	49.93 2.33 0.00	45.69 2.26 0.00	43.73 2.20 0.00	43.83 2.25 0.00	44.14 2.22 0.00	46.90 2.57 0.00	61.87 3.50 0.00	69.81 4.08 0.00	63.81 3.67 0.00	57.73 3.01 0.00	55.36 2.94 0.00	51.27 2.67 0.00	49.19 2.52 0.00	48.10 2.29 0.00	46.59 2.13 0.00	48.93 2.33 0.00	51.99 2.71 0.00	59.54 3.42 0.00	67.99 4.15 0.00	88.28 5.70 0.00	85.45 4.76 0.00	66.22 3.69 0.00	59.12 2.98 0.00	52.40 2.59 0.00
WATERSIDE____6 8 9 23538	50.14 3.38 0.83	44.94 2.91 1.40	42.56 2.74 1.70	42.67 2.66 1.58	43.21 2.81 1.52	46.75 3.32 0.90	62.63 4.26 0.00	71.05 5.32 0.00	65.24 5.11 0.01	59.47 4.76 0.01	56.87 4.46 0.01	54.82 4.08 -2.14	54.58 3.97 -3.94	53.30 3.71 -3.78	53.15 3.69 -5.00	52.31 3.87 -1.84	54.97 4.19 -1.50	60.54 4.43 0.01	68.87 5.04 0.01	87.91 6.52 1.20	85.12 5.97 1.54	62.28 4.13 4.38	54.75 3.93 5.33	53.24 3.44 0.01
WATKINRD_115KV_LN8_ILLION 55919	46.27 -1.33 0.00	41.95 -1.48 0.00	39.74 -1.79 0.00	39.59 -2.00 0.00	39.74 -2.18 0.00	42.11 -2.22 0.00	55.57 -2.80 0.00	62.57 -3.16 0.00	57.07 -3.07 0.00	51.82 -2.90 0.00	49.80 -2.62 0.00	45.97 -2.62 0.00	44.20 -2.47 0.00	43.29 -2.52 0.00	42.01 -2.45 0.00	43.99 -2.61 0.00	46.52 -2.76 0.00	53.06 -3.14 -0.09	60.58 -3.26 0.00	79.03 -3.55 0.00	76.97 -3.71 0.00	59.53 -3.00 0.00	53.28 -2.86 0.00	47.17 -2.64 0.00
WATSON____69_KV_BK 1 55734	52.03 4.43 -0.01	47.08 3.65 0.00	44.72 3.20 0.00	44.50 2.91 0.00	44.85 2.93 0.00	48.23 3.90 0.00	62.22 3.85 0.00	70.33 4.60 0.00	64.29 4.15 0.00	58.38 3.67 0.00	55.62 3.20 0.00	51.86 3.26 0.00	49.47 2.80 0.00	47.88 2.06 0.00	46.90 2.45 0.00	49.58 2.98 0.00	52.73 3.45 0.00	59.65 3.54 0.00	67.73 3.89 0.00	88.44 5.86 0.00	85.37 4.68 0.00	66.41 3.88 0.00	59.51 3.37 0.00	52.90 3.09 0.00
WDELAWARE__HYD 323627	49.64 2.05 0.00	45.29 1.87 0.00	43.27 1.74 0.00	43.37 1.79 0.00	43.72 1.80 0.00	46.41 2.08 0.00	61.11 2.74 0.00	69.02 3.29 0.00	63.15 3.01 0.00	57.40 2.68 0.00	54.83 2.41 0.00	50.64 2.04 0.00	48.73 2.05 0.00	47.78 1.97 0.00	46.41 1.95 0.00	48.65 2.05 0.00	51.60 2.32 0.00	58.81 2.69 0.00	66.97 3.13 0.00	86.96 4.37 0.00	84.64 3.95 0.00	65.28 2.75 0.00	58.67 2.53 0.00	52.00 2.19 0.00

WEST BABYLON___IC 23714	51.89 4.28 -0.01	47.03 3.60 0.00	44.64 3.11 0.00	44.46 2.87 0.00	44.85 2.93 0.00	48.18 3.86 0.00	62.22 3.85 0.00	70.20 4.47 0.00	64.29 4.15 0.00	58.33 3.61 0.00	55.57 3.15 0.00	51.86 3.26 0.00	49.57 2.89 0.00	48.01 2.20 0.00	47.03 2.58 0.00	49.63 3.03 0.00	52.78 3.50 0.00	59.65 3.54 0.00	67.73 3.89 0.00	88.44 5.86 0.00	85.37 4.68 0.00	66.41 3.88 0.00	59.51 3.37 0.00	52.90 3.09 0.00
WEST CANADA___HYD 24049	47.74 0.14 0.00	43.60 0.17 0.00	41.69 0.17 0.00	41.75 0.17 0.00	42.08 0.17 0.00	44.55 0.22 0.00	58.66 0.29 0.00	66.06 0.33 0.00	60.44 0.30 0.00	54.94 0.22 0.00	52.68 0.26 0.00	48.79 0.20 0.00	46.91 0.23 0.00	46.00 0.18 0.00	44.68 0.22 0.00	46.83 0.23 0.00	49.58 0.30 0.00	56.55 0.34 -0.09	64.29 0.45 0.00	83.24 0.66 0.00	81.17 0.49 0.00	62.91 0.38 0.00	56.43 0.28 0.00	50.06 0.25 0.00
WESTERN_NY_WIND 24143	46.41 -1.19 0.00	42.13 -1.30 0.00	40.61 -0.91 0.00	40.80 -0.79 0.00	40.83 -1.09 0.00	43.48 -0.84 0.00	57.67 -0.70 0.00	64.15 -1.58 0.00	52.99 -1.50 5.65	50.44 -0.93 3.34	50.17 -1.21 1.04	48.21 -0.39 0.00	45.32 -1.35 0.00	44.99 -0.82 0.00	43.52 -0.93 0.00	45.95 -0.65 0.00	47.85 -1.43 0.00	52.84 -2.13 1.15	57.56 -2.49 3.79	71.90 -4.05 6.63	79.07 -1.61 0.00	61.28 -1.25 0.00	55.25 -0.90 0.00	49.96 0.15 0.00
WESTOVER___LESR 323668	47.84 0.24 0.00	43.65 0.22 0.00	41.78 0.25 0.00	41.88 0.29 0.00	42.25 0.34 0.00	44.81 0.49 0.00	59.24 0.88 0.00	66.52 0.79 0.00	60.86 0.72 0.00	55.43 0.71 0.00	53.00 0.58 0.00	49.23 0.63 0.00	47.09 0.42 0.00	46.32 0.50 0.00	44.94 0.49 0.00	47.11 0.51 0.00	49.73 0.44 0.00	56.45 0.34 0.00	64.16 0.32 0.00	82.66 0.08 0.00	81.41 0.73 0.00	63.03 0.50 0.00	56.65 0.51 0.00	50.51 0.70 0.00
WETHRSFD_WT_PWR 323626	44.84 -2.76 0.00	40.78 -2.65 0.00	39.20 -2.32 0.00	39.30 -2.29 0.00	39.86 -2.05 0.00	42.02 -2.31 0.00	55.57 -2.80 0.00	61.65 -4.08 0.00	9.88 -4.03 46.23	23.99 -3.50 27.22	40.31 -3.62 8.50	45.83 -2.77 0.00	43.36 -3.31 0.00	42.93 -2.88 0.00	41.83 -2.62 0.00	43.80 -2.79 0.00	45.83 -3.45 0.00	42.40 -4.32 9.40	27.98 -4.85 31.00	21.52 -6.77 54.30	76.41 -4.28 0.00	59.85 -2.69 0.00	53.95 -2.19 0.00	48.81 -1.00 0.00
WHAVSTOR_138KV_BK127 55557	50.07 2.48 0.00	45.64 2.21 0.00	43.60 2.08 0.00	43.58 2.00 0.00	44.10 2.18 0.00	46.85 2.53 0.00	61.64 3.27 0.00	69.87 4.14 0.00	64.05 3.91 0.00	58.33 3.61 0.00	55.83 3.41 0.00	51.61 3.01 0.00	49.66 2.99 0.00	48.61 2.79 0.00	47.26 2.80 0.00	49.49 2.89 0.00	52.44 3.15 0.00	59.32 3.20 0.00	67.35 3.51 0.00	87.12 4.54 0.00	84.80 4.11 0.00	65.47 2.94 0.00	58.90 2.75 0.00	52.15 2.34 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	50.07 2.48 0.00	45.64 2.21 0.00	43.60 2.08 0.00	43.58 2.00 0.00	44.10 2.18 0.00	46.85 2.53 0.00	61.64 3.27 0.00	69.87 4.14 0.00	64.05 3.91 0.00	58.33 3.61 0.00	55.83 3.41 0.00	51.61 3.01 0.00	49.66 2.99 0.00	48.61 2.79 0.00	47.26 2.80 0.00	49.49 2.89 0.00	52.44 3.15 0.00	59.32 3.20 0.00	67.35 3.51 0.00	87.12 4.54 0.00	84.80 4.11 0.00	65.47 2.94 0.00	58.90 2.75 0.00	52.15 2.34 0.00
WHITEHAL_115KV_TB1 80871	50.41 2.81 0.00	46.21 2.78 0.00	44.23 2.70 0.00	44.33 2.74 0.00	44.60 2.68 0.00	47.52 3.19 0.00	62.75 4.38 0.00	70.86 5.13 0.00	64.59 4.45 0.00	58.22 3.50 0.00	55.83 3.41 0.00	51.76 3.16 0.00	49.66 2.99 0.00	48.47 2.66 0.00	46.90 2.45 0.00	49.30 2.70 0.00	52.49 3.20 0.00	60.21 4.10 0.00	68.88 5.04 0.00	89.68 7.10 0.00	86.58 5.89 0.00	67.16 4.63 0.00	59.74 3.59 0.00	53.05 3.24 0.00
WHITEPLN_13_KV_LOAD 356215	50.83 3.24 0.00	46.34 2.91 0.00	44.27 2.74 0.00	44.25 2.66 0.00	44.72 2.81 0.00	47.61 3.28 0.00	62.80 4.44 0.00	71.19 5.46 0.00	65.25 5.11 0.00	59.42 4.71 0.00	56.77 4.35 0.00	52.49 3.89 0.00	50.60 3.92 0.00	49.43 3.62 0.00	48.14 3.69 0.00	50.42 3.82 0.00	53.47 4.19 0.00	60.72 4.60 0.00	68.88 5.04 0.00	89.27 6.69 0.00	86.74 6.05 0.00	66.97 4.44 0.00	60.07 3.93 0.00	53.30 3.49 0.00
WM_FLOYD_69_KV_BK2 356380	51.65 4.05 -0.01	46.56 3.13 0.00	44.19 2.66 0.00	43.83 2.25 0.00	44.14 2.22 0.00	47.61 3.28 0.00	61.17 2.80 0.00	69.08 3.35 0.00	63.33 3.19 0.00	57.56 2.85 0.00	54.94 2.52 0.00	50.93 2.33 0.00	48.45 1.77 0.00	46.73 0.92 0.00	45.92 1.47 0.00	48.51 1.91 0.00	51.60 2.32 0.00	58.47 2.36 0.00	66.46 2.62 0.00	86.79 4.21 0.00	83.67 2.99 0.00	65.16 2.63 0.00	58.33 2.19 0.00	51.90 2.09 0.00
WOODARD___115KV_TB2 355635	47.26 -0.33 0.00	43.08 -0.35 0.00	41.24 -0.29 0.00	41.34 -0.25 0.00	41.66 -0.25 0.00	44.19 -0.13 0.00	58.43 0.06 0.00	65.86 0.13 0.00	60.26 0.12 0.00	54.94 0.22 0.00	52.58 0.16 0.00	48.84 0.24 0.00	46.86 0.19 0.00	46.00 0.18 0.00	44.63 0.18 0.00	46.78 0.19 0.00	49.43 0.15 0.00	56.23 0.11 0.00	63.97 0.13 0.00	82.66 0.08 0.00	81.01 0.32 0.00	62.66 0.13 0.00	56.14 0.00 0.00	49.81 0.00 0.00
YORK___WARBASSE 23770	57.25 3.76 -5.89	56.51 3.26 -9.83	56.59 3.07 -11.98	55.69 2.99 -11.11	55.74 3.14 -10.68	56.52 3.63 -8.56	63.05 4.67 -0.01	71.59 5.85 -0.01	101.80 5.59 -36.07	97.82 5.14 -37.96	97.81 4.77 -40.62	97.73 4.37 -44.75	97.77 4.25 -46.84	97.76 3.99 -47.96	97.90 4.00 -49.44	97.81 4.15 -47.07	97.82 4.53 -44.01	98.05 4.83 -37.11	98.13 5.49 -28.80	98.16 7.18 -8.40	98.06 6.62 -10.76	97.82 4.63 -30.66	97.83 4.38 -37.30	86.49 3.79 -32.90