

Day Ahead Market Generator LBMP

Generator Data		--- LBMP \$																		--- Marginal Cost of Losses																		--- Marginal Cost of Congestion																		11/28/2025		
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	45.44	43.10	41.88	41.70	42.58	45.47	52.26	59.44	55.67	50.28	53.74	53.13	51.21	52.11	53.62	59.78	68.42	78.33	75.82	71.13	62.77	58.35	55.94	53.29																																	
		2.61	2.48	2.44	2.32	2.37	2.61	3.28	4.25	4.22	3.85	4.12	4.12	4.01	3.99	4.17	4.78	5.25	6.44	6.18	5.63	4.70	4.32	3.85	3.44																																	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.51	0.00	-0.37	-0.02	-4.78	-0.34	-0.21	0.00	0.00	0.00	0.00	0.00																																	
74TH STREET_GT_1	24260	45.66	43.31	42.04	41.90	42.75	45.60	52.40	59.55	55.67	50.28	53.79	53.13	60.62	52.11	60.48	60.21	74.35	84.69	79.80	71.21	62.94	58.52	56.10	53.54																																	
		2.83	2.68	2.60	2.52	2.53	2.74	3.43	4.36	4.22	3.85	4.17	4.12	3.97	3.99	4.17	4.78	5.20	6.37	6.18	5.70	4.88	4.48	4.01	3.69																																	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-9.97	0.00	-7.22	-0.45	-10.77	-6.77	-4.19	-0.02	0.00	0.00	0.00	0.00																																	
74TH STREET_GT_2	24261	45.66	43.31	42.04	41.90	42.75	45.60	52.40	59.55	55.67	50.28	53.79	53.13	60.62	52.11	60.48	60.21	74.35	84.69	79.80	71.21	62.94	58.52	56.10	53.54																																	
		2.83	2.68	2.60	2.52	2.53	2.74	3.43	4.36	4.22	3.85	4.17	4.12	3.97	3.99	4.17	4.78	5.20	6.37	6.18	5.70	4.88	4.48	4.01	3.69																																	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-9.97	0.00	-7.22	-0.45	-10.77	-6.77	-4.19	-0.02	0.00	0.00	0.00	0.00																																	
ADK HUDSON___FALLS	24011	45.92	43.63	42.27	42.22	43.07	46.07	52.55	59.38	55.42	50.04	53.49	52.73	50.09	51.63	52.81	59.32	68.62	77.13	75.05	70.60	62.71	58.25	56.15	53.79																																	
		3.08	3.01	2.84	2.84	2.86	3.21	3.58	4.19	3.96	3.62	3.87	3.72	3.41	3.51	3.73	4.34	4.61	5.58	5.62	5.11	4.65	4.21	4.06	3.94																																	
		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	-5.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00																																	
ADK RESOURCE___RCVRY	23798	46.13	43.83	42.47	42.45	43.27	46.33	52.80	59.71	55.67	50.27	53.74	52.93	50.28	51.82	53.01	59.59	68.92	77.56	75.54	71.00	63.11	58.57	56.46	54.04																																	
		3.30	3.21	3.04	3.07	3.05	3.47	3.82	4.53	4.22	3.85	4.12	3.92	3.60	3.71	3.93	4.62	4.91	6.01	6.11	5.50	5.05	4.54	4.38	4.19																																	
		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	-5.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00																																	
ADK S GLENS___FALLS	24028	45.92	43.63	42.27	42.22	43.07	46.07	52.55	59.38	55.42	50.04	53.49	52.73	50.09	51.63	52.81	59.32	68.62	77.13	75.05	70.60	62.71	58.25	56.15	53.79																																	
		3.08	3.01	2.84	2.84	2.86	3.21	3.58	4.19	3.96	3.62	3.87	3.72	3.41	3.51	3.73	4.34	4.61	5.58	5.62	5.11	4.65	4.21	4.06	3.94																																	
		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	-5.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00																																	
ADK_NYS___DAM	23527	45.53	43.15	41.88	41.78	42.67	45.56	52.06	58.83	54.90	49.58	53.15	52.49	50.00	51.54	52.62	58.88	68.00	76.56	74.36	70.08	62.07	57.76	55.58	53.04																																	
		2.70	2.52	2.45	2.40	2.45	2.70	3.09	3.64	3.45	3.16	3.52	3.48	3.32	3.42	3.54	3.90	4.21	5.01	4.93	4.58	4.00	3.73	3.49	3.19																																	
		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	-5.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00																																	
AIR_PRODUCTS___DRP	24190	44.12	41.89	40.66	40.56	41.38	44.15	50.35	56.79	53.10	48.00	51.41	50.77	48.37	49.90	50.90	56.90	65.67	73.55	71.37	67.40	59.86	55.76	53.76	51.55																																	
		1.28	1.26	1.22	1.18	1.17	1.29	1.37	1.60	1.65	1.58	1.79	1.76	1.68	1.78	1.82	1.92	1.87	2.00	1.94	1.90	1.80	1.73	1.67	1.69																																	
		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	-5.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00																																	
AKWESSNE_115KV_BK	355683	42.70	40.54	39.43	39.42	40.21	42.82	49.02	55.30	51.45	46.33	49.52	48.86	46.50	47.88	48.79	54.54	57.92	70.98	68.80	64.97	57.71	53.87	51.93	49.70																																	
		-0.13	-0.08	0.00	0.04	0.00	-0.04	0.05	0.11	0.00	-0.09	-0.10	-0.15	-0.19	-0.24	-0.29	-0.44	-0.47	-0.57	-0.62	-0.52	-0.35	-0.16	-0.16	-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_1_SOLAR	323833	44.76	42.50	41.21	41.15	41.98	44.74	51.03	57.45	53.56	48.28	51.66	50.92	48.50	50.09	51.19	57.45	66.24	74.62	72.48	68.37	60.68	56.57	54.49	52.24																																	
		1.93	1.87	1.78	1.77	1.77	1.88	2.06	2.26	2.11	1.86	2.04	1.91	1.82	1.97	2.11	2.48	2.51	3.07	3.05	2.88	2.62	2.54	2.40	2.39																																	
		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	-5.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00																																	
ALBANY_2_SOLAR	323834	44.71	42.46	41.21	41.15	41.94	44.74	50.98	57.45	53.56	48.28	51.61	50.92	48.50	50.09	51.19	57.45	66.24	74.62	72.48	68.37	60.68	56.52	54.49	52.20																																	
		1.88	1.83	1.78	1.77	1.73	1.88	2.01	2.26	2.11	1.86	1.99	1.91	1.82	1.97	2.11	2.48	2.51	3.07	3.05	2.88	2.62	2.49	2.40	2.34																																	
		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	-5.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00																																	
ALBANY___1	23571	44.12	41.89	40.66	40.56	41.38	44.15	50.35	56.79	53.10	48.00	51.41	50.77	48.37	49.90	50.90	56.90	65.67	73.55	71.37	67.40	59.86	55.76	53.76	51.55																																	
		1.28	1.26	1.22	1.18	1.17	1.29	1.37	1.60	1.65	1.58	1.79	1.76	1.68	1.78	1.82	1.92	1.87	2.00	1.94	1.90	1.80	1.73	1.67	1.69																																	
		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	-5.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00																																	

ALBANY___2 23572	44.12 1.28 0.00	41.89 1.26 0.00	40.66 1.22 0.00	40.56 1.18 0.00	41.38 1.17 0.00	44.15 1.29 0.00	50.35 1.37 0.00	56.79 1.60 0.00	53.10 1.65 0.00	48.00 1.58 0.00	51.41 1.79 0.00	50.77 1.76 0.00	48.37 1.68 0.00	49.90 1.78 0.00	50.90 1.82 0.00	56.90 1.92 0.00	65.67 1.87 -5.41	73.55 2.00 0.00	71.37 1.94 0.00	67.40 1.90 0.00	59.86 1.80 0.00	55.76 1.73 0.00	53.76 1.67 0.00	51.55 1.69 0.00
ALBANY___3 23573	44.12 1.28 0.00	41.89 1.26 0.00	40.66 1.22 0.00	40.56 1.18 0.00	41.38 1.17 0.00	44.15 1.29 0.00	50.35 1.37 0.00	56.79 1.60 0.00	53.10 1.65 0.00	48.00 1.58 0.00	51.41 1.79 0.00	50.77 1.76 0.00	48.37 1.68 0.00	49.90 1.78 0.00	50.90 1.82 0.00	56.90 1.92 0.00	65.67 1.87 -5.41	73.55 2.00 0.00	71.37 1.94 0.00	67.40 1.90 0.00	59.86 1.80 0.00	55.76 1.73 0.00	53.76 1.67 0.00	51.55 1.69 0.00
ALBANY___4 23574	44.12 1.28 0.00	41.89 1.26 0.00	40.66 1.22 0.00	40.56 1.18 0.00	41.38 1.17 0.00	44.15 1.29 0.00	50.35 1.37 0.00	56.79 1.60 0.00	53.10 1.65 0.00	48.00 1.58 0.00	51.41 1.79 0.00	50.77 1.76 0.00	48.37 1.68 0.00	49.90 1.78 0.00	50.90 1.82 0.00	56.90 1.92 0.00	65.67 1.87 -5.41	73.55 2.00 0.00	71.37 1.94 0.00	67.40 1.90 0.00	59.86 1.80 0.00	55.76 1.73 0.00	53.76 1.67 0.00	51.55 1.69 0.00
ALBANY___LFGE 323615	44.50 1.67 0.00	42.21 1.58 0.00	40.97 1.54 0.00	40.88 1.50 0.00	41.70 1.49 0.00	44.53 1.67 0.00	50.74 1.76 0.00	57.23 2.04 0.00	53.51 2.06 0.00	48.42 1.99 0.00	51.91 2.28 0.00	51.22 2.21 0.00	48.83 2.15 0.00	50.33 2.21 0.00	51.39 2.31 0.00	57.45 2.48 0.00	66.33 2.51 -5.43	74.27 2.72 0.00	72.07 2.64 0.00	68.05 2.55 0.00	60.39 2.32 0.00	56.25 2.22 0.00	54.22 2.14 0.00	51.90 2.04 0.00
ALCOA_PA_115KV_PL-6C 55860	42.92 0.09 0.00	40.79 0.16 0.00	39.67 0.24 0.00	39.66 0.28 0.00	40.49 0.28 0.00	43.07 0.21 0.00	49.27 0.29 0.00	55.69 0.50 0.00	51.76 0.31 0.00	46.56 0.14 0.00	49.77 0.15 0.00	49.11 0.10 0.00	46.73 0.05 0.00	48.12 0.00 0.00	48.99 -0.10 0.00	54.76 -0.22 0.00	58.15 -0.23 0.00	71.26 -0.29 0.00	69.08 -0.35 0.00	65.30 -0.20 0.00	58.00 -0.06 0.00	54.14 0.11 0.00	52.19 0.10 0.00	50.00 0.15 0.00
ALCOA_RYNLDS___DRP 24188	42.92 0.09 0.00	40.79 0.16 0.00	39.67 0.24 0.00	39.66 0.28 0.00	40.49 0.28 0.00	43.07 0.21 0.00	49.27 0.29 0.00	55.69 0.50 0.00	51.76 0.31 0.00	46.56 0.14 0.00	49.77 0.15 0.00	49.11 0.10 0.00	46.73 0.05 0.00	48.12 0.00 0.00	48.99 -0.10 0.00	54.76 -0.22 0.00	58.15 -0.23 0.00	71.26 -0.29 0.00	69.08 -0.35 0.00	65.30 -0.20 0.00	58.00 -0.06 0.00	54.14 0.11 0.00	52.19 0.10 0.00	50.00 0.15 0.00
ALCOA___DSASP 323711	42.92 0.09 0.00	40.79 0.16 0.00	39.67 0.24 0.00	39.66 0.28 0.00	40.49 0.28 0.00	43.07 0.21 0.00	49.27 0.29 0.00	55.69 0.50 0.00	51.76 0.31 0.00	46.56 0.14 0.00	49.77 0.15 0.00	49.11 0.10 0.00	46.73 0.05 0.00	48.12 0.00 0.00	48.99 -0.10 0.00	54.76 -0.22 0.00	58.15 -0.23 0.00	71.26 -0.29 0.00	69.08 -0.35 0.00	65.30 -0.20 0.00	58.00 -0.06 0.00	54.14 0.11 0.00	52.19 0.10 0.00	50.00 0.15 0.00
ALLEGHENY___COGEN 23514	41.93 -0.90 0.00	39.61 -1.01 0.00	38.29 -1.14 0.00	38.36 -1.02 0.00	39.41 -0.80 0.00	41.66 -1.20 0.00	47.46 -1.52 0.00	53.75 -1.44 0.00	49.81 -1.65 0.00	44.61 -1.81 0.00	46.99 -2.63 0.00	46.36 -2.65 0.00	44.26 -2.43 0.00	45.57 -2.55 0.00	46.83 -2.26 0.00	52.77 -2.20 0.00	56.21 -2.28 -0.10	70.26 -1.29 0.00	68.95 -0.48 0.00	65.24 -0.26 0.00	57.95 -0.12 0.00	53.54 -0.49 0.00	52.09 0.00 0.00	49.70 -0.15 0.00
ALTAMONT_115KV_TB 2 55880	44.03 1.20 0.00	41.80 1.18 0.00	40.54 1.10 0.00	40.48 1.10 0.00	41.30 1.09 0.00	44.06 1.20 0.00	50.35 1.37 0.00	56.79 1.60 0.00	53.00 1.54 0.00	47.86 1.44 0.00	51.26 1.64 0.00	50.63 1.62 0.00	48.23 1.54 0.00	49.71 1.59 0.00	50.70 1.62 0.00	56.73 1.76 0.00	65.65 1.87 -5.39	73.70 2.15 0.00	71.51 2.08 0.00	67.53 2.03 0.00	59.86 1.80 0.00	55.71 1.67 0.00	53.65 1.56 0.00	51.40 1.55 0.00
ALTONA_WT_PWR 323606	42.45 -0.39 0.00	40.38 -0.24 0.00	39.31 -0.12 0.00	39.34 -0.04 0.00	40.17 -0.04 0.00	42.77 -0.09 0.00	48.98 0.00 0.00	55.30 0.11 0.00	51.30 -0.15 0.00	46.00 -0.42 0.00	49.08 -0.54 0.00	48.37 -0.64 0.00	45.99 -0.70 0.00	47.30 -0.82 0.00	48.05 -1.03 0.00	53.66 -1.32 0.00	57.05 -1.34 0.00	69.83 -1.72 0.00	67.70 -1.73 0.00	63.99 -1.50 0.00	56.79 -1.28 0.00	52.95 -1.08 0.00	51.10 -0.99 0.00	48.90 -0.95 0.00
AMERICAN_REF_FUEL 24010	39.02 -3.81 0.00	36.85 -3.78 0.00	35.77 -3.67 0.00	35.64 -3.74 0.00	36.63 -3.58 0.00	38.32 -4.54 0.00	42.90 -6.07 0.00	48.18 -7.01 0.00	45.12 -6.33 0.00	41.27 -5.15 0.00	43.52 -6.11 0.00	43.08 -5.93 0.00	41.18 -5.51 0.00	42.20 -5.92 0.00	43.34 -5.74 0.00	48.38 -6.60 0.00	50.86 -7.82 -0.30	62.75 -8.80 0.00	61.24 -8.19 0.00	58.09 -7.40 0.00	51.91 -6.16 0.00	48.25 -5.78 0.00	47.40 -4.69 0.00	45.51 -4.34 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	38.46 -4.37 0.00	36.28 -4.35 0.00	35.25 -4.18 0.00	35.25 -4.13 0.00	36.19 -4.02 0.00	38.02 -4.84 0.00	42.80 -6.17 0.00	47.96 -7.23 0.00	44.87 -6.59 0.00	40.85 -5.57 0.00	43.07 -6.55 0.00	42.59 -6.42 0.00	40.71 -5.98 0.00	41.67 -6.45 0.00	42.85 -6.23 0.00	48.05 -6.93 0.00	50.73 -7.94 -0.28	63.03 -8.52 0.00	61.79 -7.64 0.00	58.55 -6.94 0.00	52.31 -5.75 0.00	48.47 -5.56 0.00	47.50 -4.58 0.00	45.76 -4.09 0.00
ARTHUR KILL_GT_1 23520	46.14 3.30 -0.01	43.64 3.01 -0.01	42.36 2.92 -0.01	42.22 2.84 -0.01	43.08 2.86 -0.01	46.08 3.21 -0.01	52.70 3.72 0.00	59.60 4.42 0.00	55.36 3.91 0.00	49.95 3.53 0.00	53.44 3.82 0.00	52.78 3.77 0.00	59.69 3.17 -9.83	51.82 3.71 0.00	59.49 3.29 -7.12	59.99 4.56 -0.45	73.16 4.09 -10.69	83.24 5.01 -6.68	78.43 4.86 -4.14	71.15 5.63 -0.02	62.94 4.88 0.00	58.79 4.75 0.00	56.67 4.58 0.00	54.10 4.24 -0.01
ARTHUR_KILL_2 23512	46.01 3.17 -0.01	43.52 2.88 -0.01	42.24 2.80 -0.01	42.07 2.68 -0.01	42.96 2.74 -0.01	45.96 3.09 -0.01	52.55 3.57 0.00	59.45 4.25 -0.01	55.17 3.71 -0.01	49.78 3.34 -0.01	53.30 3.67 -0.01	52.65 3.63 -0.01	59.55 3.03 -9.83	51.74 3.61 -0.01	59.39 3.19 -7.12	59.77 4.34 -0.45	72.99 3.91 -10.69	83.03 4.79 -6.68	78.22 4.65 -4.14	70.88 5.37 -0.02	62.72 4.65 -0.01	58.63 4.59 -0.01	56.52 4.42 -0.01	53.95 4.09 -0.01
ARTHUR_KILL_3 23513	45.19 2.35 0.00	42.86 2.23 0.00	41.60 2.17 0.00	41.47 2.09 0.00	42.34 2.13 0.00	45.22 2.36 0.00	51.91 2.94 0.00	59.06 3.86 -0.01	55.27 3.81 -0.01	49.87 3.44 -0.01	53.35 3.72 -0.01	52.70 3.68 -0.01	60.15 3.64 -9.82	51.74 3.61 -0.01	60.03 3.83 -7.12	59.71 4.29 -0.44	73.91 4.84 -10.68	84.16 5.94 -6.67	79.32 5.76 -4.13	70.62 5.11 -0.02	62.43 4.36 -0.01	58.04 4.00 -0.01	55.59 3.49 -0.01	52.99 3.14 0.00

ARTHUR_KILL_COGEN 323718	46.09 3.25 -0.01	43.64 3.01 -0.01	42.32 2.88 -0.01	42.19 2.80 -0.01	43.08 2.86 -0.01	46.08 3.22 -0.01	52.70 3.72 0.00	59.56 4.36 -0.01	55.32 3.86 -0.01	49.92 3.48 -0.01	53.45 3.82 -0.01	52.79 3.77 -0.01	59.69 3.18 -9.83	51.83 3.71 -0.01	59.50 3.29 -7.12	59.93 4.51 -0.45	73.16 4.09 -10.69	83.24 5.01 -6.68	78.43 4.86 -4.14	71.15 5.63 -0.02	62.89 4.82 -0.01	58.80 4.76 -0.01	56.68 4.58 -0.01	54.09 4.23 -0.01
ASHOKAN____ 23654	45.14 2.31 0.00	42.78 2.15 0.00	41.60 2.17 0.00	41.51 2.13 0.00	42.34 2.13 0.00	45.04 2.18 0.00	51.47 2.50 0.00	57.61 2.43 0.00	53.82 2.37 0.00	48.23 1.81 0.00	51.41 1.78 0.00	50.72 1.71 0.00	48.32 1.63 0.00	49.85 1.73 0.00	51.05 1.97 0.00	57.72 2.75 0.00	64.85 1.46 -5.00	75.91 4.37 0.00	73.38 3.96 0.00	69.23 3.73 0.00	61.31 3.25 0.00	57.65 3.62 0.00	55.32 3.23 0.00	52.99 3.14 0.00
ASTORIA_EAST_ENERGY_CC1 323581	45.54 2.70 -0.01	43.31 2.68 -0.01	42.04 2.60 -0.01	41.91 2.52 -0.01	42.83 2.61 -0.01	45.57 2.70 -0.01	51.96 2.99 0.01	59.22 4.03 0.00	55.41 3.96 0.01	49.99 3.57 0.01	53.53 3.92 0.01	52.92 3.92 0.01	50.39 3.69 -0.02	51.91 3.80 0.01	52.93 3.83 -0.01	59.54 4.56 -0.01	67.60 4.73 -4.48	77.14 5.58 -0.01	75.01 5.56 -0.02	70.81 5.30 -0.01	62.76 4.70 0.00	58.25 4.22 0.00	55.74 3.64 -0.01	53.20 3.34 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	45.54 2.70 -0.01	43.31 2.68 -0.01	42.04 2.60 -0.01	41.91 2.52 -0.01	42.80 2.58 -0.01	45.57 2.70 -0.01	51.96 2.99 0.01	59.22 4.03 0.00	55.41 3.96 0.01	49.99 3.57 0.01	53.53 3.92 0.01	52.92 3.92 0.01	50.39 3.69 -0.02	51.91 3.80 0.01	52.93 3.83 -0.01	59.54 4.56 -0.01	67.60 4.73 -4.48	77.14 5.58 -0.01	75.01 5.56 -0.02	70.81 5.30 -0.01	62.76 4.70 0.00	58.25 4.22 0.00	55.74 3.64 -0.01	53.20 3.34 -0.01
ASTORIA_GT2_1 24094	45.54 2.70 -0.01	43.36 2.72 -0.01	42.08 2.64 -0.01	41.95 2.56 -0.01	42.83 2.61 -0.01	45.57 2.70 -0.01	52.01 3.04 0.00	59.27 4.08 0.00	55.50 4.06 0.02	50.03 3.62 0.02	53.58 3.97 0.02	52.96 3.97 0.02	50.44 3.73 -0.02	51.95 3.85 0.02	52.97 3.88 -0.01	59.60 4.62 -0.01	67.66 4.79 -4.48	77.21 5.65 -0.01	75.00 5.55 -0.02	70.88 5.37 -0.02	62.77 4.70 0.00	58.25 4.21 0.00	55.79 3.70 0.00	53.20 3.34 -0.01
ASTORIA_GT2_2 24095	45.54 2.70 -0.01	43.36 2.72 -0.01	42.08 2.64 -0.01	41.95 2.56 -0.01	42.83 2.61 -0.01	45.57 2.70 -0.01	52.01 3.04 0.00	59.27 4.08 0.00	55.50 4.06 0.02	50.03 3.62 0.02	53.58 3.97 0.02	52.96 3.97 0.02	50.44 3.73 -0.02	51.95 3.85 0.02	52.97 3.88 -0.01	59.60 4.62 -0.01	67.66 4.79 -4.48	77.21 5.65 -0.01	75.00 5.55 -0.02	70.88 5.37 -0.02	62.77 4.70 0.00	58.25 4.21 0.00	55.79 3.70 0.00	53.20 3.34 -0.01
ASTORIA_GT2_3 24096	45.54 2.70 -0.01	43.36 2.72 -0.01	42.08 2.64 -0.01	41.95 2.56 -0.01	42.83 2.61 -0.01	45.57 2.70 -0.01	52.01 3.04 0.00	59.27 4.08 0.00	55.50 4.06 0.02	50.03 3.62 0.02	53.58 3.97 0.02	52.96 3.97 0.02	50.44 3.73 -0.02	51.95 3.85 0.02	52.97 3.88 -0.01	59.60 4.62 -0.01	67.66 4.79 -4.48	77.21 5.65 -0.01	75.00 5.55 -0.02	70.88 5.37 -0.02	62.77 4.70 0.00	58.25 4.21 0.00	55.79 3.70 0.00	53.20 3.34 -0.01
ASTORIA_GT2_4 24097	45.54 2.70 -0.01	43.36 2.72 -0.01	42.08 2.64 -0.01	41.95 2.56 -0.01	42.83 2.61 -0.01	45.57 2.70 -0.01	52.01 3.04 0.00	59.27 4.08 0.00	55.50 4.06 0.02	50.03 3.62 0.02	53.58 3.97 0.02	52.96 3.97 0.02	50.44 3.73 -0.02	51.95 3.85 0.02	52.97 3.88 -0.01	59.60 4.62 -0.01	67.66 4.79 -4.48	77.21 5.65 -0.01	75.00 5.55 -0.02	70.88 5.37 -0.02	62.77 4.70 0.00	58.25 4.21 0.00	55.79 3.70 0.00	53.20 3.34 -0.01
ASTORIA_GT3_1 24098	45.54 2.70 -0.01	43.36 2.72 -0.01	42.08 2.64 -0.01	41.95 2.56 -0.01	42.83 2.61 -0.01	45.57 2.70 -0.01	52.01 3.04 0.00	59.27 4.08 0.00	55.50 4.06 0.02	50.03 3.62 0.02	53.58 3.97 0.02	52.96 3.97 0.02	50.44 3.73 -0.02	51.95 3.85 0.02	52.97 3.88 -0.01	59.60 4.62 -0.01	67.66 4.79 -4.48	77.21 5.65 -0.01	75.00 5.55 -0.02	70.88 5.37 -0.02	62.77 4.70 0.00	58.25 4.21 0.00	55.79 3.70 0.00	53.20 3.34 -0.01
ASTORIA_GT3_2 24099	45.54 2.70 -0.01	43.36 2.72 -0.01	42.08 2.64 -0.01	41.95 2.56 -0.01	42.83 2.61 -0.01	45.57 2.70 -0.01	52.01 3.04 0.00	59.27 4.08 0.00	55.50 4.06 0.02	50.03 3.62 0.02	53.58 3.97 0.02	52.96 3.97 0.02	50.44 3.73 -0.02	51.95 3.85 0.02	52.97 3.88 -0.01	59.60 4.62 -0.01	67.66 4.79 -4.48	77.21 5.65 -0.01	75.00 5.55 -0.02	70.88 5.37 -0.02	62.77 4.70 0.00	58.25 4.21 0.00	55.79 3.70 0.00	53.20 3.34 -0.01
ASTORIA_GT3_3 24100	45.54 2.70 -0.01	43.36 2.72 -0.01	42.08 2.64 -0.01	41.95 2.56 -0.01	42.83 2.61 -0.01	45.57 2.70 -0.01	52.01 3.04 0.00	59.27 4.08 0.00	55.50 4.06 0.02	50.03 3.62 0.02	53.58 3.97 0.02	52.96 3.97 0.02	50.44 3.73 -0.02	51.95 3.85 0.02	52.97 3.88 -0.01	59.60 4.62 -0.01	67.66 4.79 -4.48	77.21 5.65 -0.01	75.00 5.55 -0.02	70.88 5.37 -0.02	62.77 4.70 0.00	58.25 4.21 0.00	55.79 3.70 0.00	53.20 3.34 -0.01
ASTORIA_GT3_4 24101	45.54 2.70 -0.01	43.36 2.72 -0.01	42.08 2.64 -0.01	41.95 2.56 -0.01	42.83 2.61 -0.01	45.57 2.70 -0.01	52.01 3.04 0.00	59.27 4.08 0.00	55.50 4.06 0.02	50.03 3.62 0.02	53.58 3.97 0.02	52.96 3.97 0.02	50.44 3.73 -0.02	51.95 3.85 0.02	52.97 3.88 -0.01	59.60 4.62 -0.01	67.66 4.79 -4.48	77.21 5.65 -0.01	75.00 5.55 -0.02	70.88 5.37 -0.02	62.77 4.70 0.00	58.25 4.21 0.00	55.79 3.70 0.00	53.20 3.34 -0.01
ASTORIA_GT4_1 24102	45.54 2.70 -0.01	43.36 2.72 -0.01	42.08 2.64 -0.01	41.95 2.56 -0.01	42.83 2.61 -0.01	45.57 2.70 -0.01	52.01 3.04 0.00	59.27 4.08 0.00	55.50 4.06 0.02	50.03 3.62 0.02	53.58 3.97 0.02	52.96 3.97 0.02	50.44 3.73 -0.02	51.95 3.85 0.02	52.97 3.88 -0.01	59.60 4.62 -0.01	67.66 4.79 -4.48	77.21 5.65 -0.01	75.00 5.55 -0.02	70.88 5.37 -0.02	62.77 4.70 0.00	58.25 4.21 0.00	55.79 3.70 0.00	53.20 3.34 -0.01
ASTORIA_GT4_2 24103	45.54 2.70 -0.01	43.36 2.72 -0.01	42.08 2.64 -0.01	41.95 2.56 -0.01	42.83 2.61 -0.01	45.57 2.70 -0.01	52.01 3.04 0.00	59.27 4.08 0.00	55.50 4.06 0.02	50.03 3.62 0.02	53.58 3.97 0.02	52.96 3.97 0.02	50.44 3.73 -0.02	51.95 3.85 0.02	52.97 3.88 -0.01	59.60 4.62 -0.01	67.66 4.79 -4.48	77.21 5.65 -0.01	75.00 5.55 -0.02	70.88 5.37 -0.02	62.77 4.70 0.00	58.25 4.21 0.00	55.79 3.70 0.00	53.20 3.34 -0.01
ASTORIA_GT4_3 24104	45.54 2.70 -0.01	43.36 2.72 -0.01	42.08 2.64 -0.01	41.95 2.56 -0.01	42.83 2.61 -0.01	45.57 2.70 -0.01	52.01 3.04 0.00	59.27 4.08 0.00	55.50 4.06 0.02	50.03 3.62 0.02	53.58 3.97 0.02	52.96 3.97 0.02	50.44 3.73 -0.02	51.95 3.85 0.02	52.97 3.88 -0.01	59.60 4.62 -0.01	67.66 4.79 -4.48	77.21 5.65 -0.01	75.00 5.55 -0.02	70.88 5.37 -0.02	62.77 4.70 0.00	58.25 4.21 0.00	55.79 3.70 0.00	53.20 3.34 -0.01

ASTORIA_GT4_4 24105	45.54 2.70 -0.01	43.36 2.72 -0.01	42.08 2.64 -0.01	41.95 2.56 -0.01	42.83 2.61 -0.01	45.57 2.70 -0.01	52.01 3.04 0.00	59.27 4.08 0.00	55.50 4.06 0.02	50.03 3.62 0.02	53.58 3.97 0.02	52.96 3.97 0.02	50.44 3.73 -0.02	51.95 3.85 0.02	52.97 3.88 -0.01	59.60 4.62 -0.01	67.66 4.79 -4.48	77.21 5.65 -0.01	75.00 5.55 -0.02	70.88 5.37 -0.02	62.77 4.70 0.00	58.25 4.21 0.00	55.79 3.70 0.00	53.20 3.34 -0.01
ASTORIA_GT_1 23523	45.58 2.74 -0.01	43.44 2.80 -0.01	42.16 2.72 -0.01	42.03 2.64 -0.01	42.87 2.65 -0.01	45.61 2.74 -0.01	52.11 3.13 0.00	59.38 4.19 0.00	55.61 4.17 0.02	50.12 3.71 0.02	53.68 4.07 0.02	53.06 4.07 0.02	50.53 3.83 -0.02	52.05 3.95 0.02	53.07 3.98 -0.01	59.71 4.73 -0.01	67.77 4.90 -4.48	77.36 5.80 -0.01	75.14 5.69 -0.02	71.01 5.50 -0.02	62.88 4.82 0.00	58.35 4.32 0.00	55.89 3.80 0.00	53.30 3.44 -0.01
ASTORIA_GT_10 24110	45.67 2.83 -0.01	43.36 2.72 -0.01	42.08 2.64 -0.01	41.95 2.56 -0.01	42.79 2.57 -0.01	45.65 2.79 -0.01	52.36 3.38 0.00	59.44 4.25 0.00	55.52 4.06 0.00	50.09 3.67 0.00	53.64 4.02 0.00	52.98 3.97 0.00	60.39 3.73 -9.97	51.97 3.85 0.00	60.18 3.88 -7.22	60.04 4.62 -0.45	73.95 4.79 -10.77	84.05 5.72 -6.77	79.18 5.55 -4.19	70.88 5.37 -0.02	62.82 4.76 0.00	58.41 4.38 0.00	56.10 4.01 0.00	53.55 3.69 -0.01
ASTORIA_GT_11 24225	45.67 2.83 -0.01	43.36 2.72 -0.01	42.08 2.64 -0.01	41.95 2.56 -0.01	42.79 2.57 -0.01	45.65 2.79 -0.01	52.36 3.38 0.00	59.44 4.25 0.00	55.52 4.06 0.00	50.09 3.67 0.00	53.64 4.02 0.00	52.98 3.97 0.00	60.39 3.73 -9.97	51.97 3.85 0.00	60.18 3.88 -7.22	60.04 4.62 -0.45	73.95 4.79 -10.77	84.05 5.72 -6.77	79.18 5.55 -4.19	70.88 5.37 -0.02	62.82 4.76 0.00	58.41 4.38 0.00	56.10 4.01 0.00	53.55 3.69 -0.01
ASTORIA_GT_12 24226	45.67 2.83 -0.01	43.36 2.72 -0.01	42.08 2.64 -0.01	41.95 2.56 -0.01	42.79 2.57 -0.01	45.65 2.79 -0.01	52.36 3.38 0.00	59.44 4.25 0.00	55.52 4.06 0.00	50.09 3.67 0.00	53.64 4.02 0.00	52.98 3.97 0.00	60.39 3.73 -9.97	51.97 3.85 0.00	60.18 3.88 -7.22	60.04 4.62 -0.45	73.95 4.79 -10.77	84.05 5.72 -6.77	79.18 5.55 -4.19	70.88 5.37 -0.02	62.82 4.76 0.00	58.41 4.38 0.00	56.10 4.01 0.00	53.55 3.69 -0.01
ASTORIA_GT_13 24227	45.67 2.83 -0.01	43.36 2.72 -0.01	42.08 2.64 -0.01	41.95 2.56 -0.01	42.79 2.57 -0.01	45.65 2.79 -0.01	52.36 3.38 0.00	59.44 4.25 0.00	55.52 4.06 0.00	50.09 3.67 0.00	53.64 4.02 0.00	52.98 3.97 0.00	60.39 3.73 -9.97	51.97 3.85 0.00	60.18 3.88 -7.22	60.04 4.62 -0.45	73.95 4.79 -10.77	84.05 5.72 -6.77	79.18 5.55 -4.19	70.88 5.37 -0.02	62.82 4.76 0.00	58.41 4.38 0.00	56.10 4.01 0.00	53.55 3.69 -0.01
ASTORIA_GT_5 24106	45.58 2.74 -0.01	43.44 2.80 -0.01	42.16 2.72 -0.01	42.03 2.64 -0.01	42.87 2.65 -0.01	45.61 2.74 -0.01	52.11 3.13 0.00	59.38 4.19 0.00	55.61 4.17 0.02	50.12 3.71 0.02	53.68 4.07 0.02	53.06 4.07 0.02	50.53 3.83 -0.02	52.05 3.95 0.02	53.07 3.98 -0.01	59.71 4.73 -0.01	67.77 4.90 -4.48	77.36 5.80 -0.01	75.14 5.69 -0.02	71.01 5.50 -0.02	62.88 4.82 0.00	58.35 4.32 0.00	55.89 3.80 0.00	53.30 3.44 -0.01
ASTORIA_GT_7 24107	45.58 2.74 -0.01	43.44 2.80 -0.01	42.16 2.72 -0.01	42.03 2.64 -0.01	42.87 2.65 -0.01	45.61 2.74 -0.01	52.11 3.13 0.00	59.38 4.19 0.00	55.61 4.17 0.02	50.12 3.71 0.02	53.68 4.07 0.02	53.06 4.07 0.02	50.53 3.83 -0.02	52.05 3.95 0.02	53.07 3.98 -0.01	59.71 4.73 -0.01	67.77 4.90 -4.48	77.36 5.80 -0.01	75.14 5.69 -0.02	71.01 5.50 -0.02	62.88 4.82 0.00	58.35 4.32 0.00	55.89 3.80 0.00	53.30 3.44 -0.01
ASTORIA_GT_8 24108	45.58 2.74 -0.01	43.44 2.80 -0.01	42.16 2.72 -0.01	42.03 2.64 -0.01	42.87 2.65 -0.01	45.61 2.74 -0.01	52.11 3.13 0.00	59.38 4.19 0.00	55.61 4.17 0.02	50.12 3.71 0.02	53.68 4.07 0.02	53.06 4.07 0.02	50.53 3.83 -0.02	52.05 3.95 0.02	53.07 3.98 -0.01	59.71 4.73 -0.01	67.77 4.90 -4.48	77.36 5.80 -0.01	75.14 5.69 -0.02	71.01 5.50 -0.02	62.88 4.82 0.00	58.35 4.32 0.00	55.89 3.80 0.00	53.30 3.44 -0.01
ASTORIA___2 24149	45.54 2.70 -0.01	43.36 2.72 -0.01	42.08 2.64 -0.01	41.95 2.56 -0.01	42.83 2.61 -0.01	45.57 2.70 -0.01	52.01 3.04 0.01	59.27 4.08 0.00	55.46 4.02 0.01	49.99 3.57 0.01	53.59 3.97 0.01	52.92 3.92 0.01	50.44 3.74 -0.02	51.96 3.85 0.01	52.97 3.88 -0.01	59.54 4.56 -0.01	67.66 4.79 -4.48	77.21 5.65 -0.01	75.01 5.56 -0.02	70.88 5.37 -0.01	62.76 4.70 0.00	58.25 4.22 0.00	55.79 3.70 -0.01	53.20 3.34 -0.01
ASTORIA___3 23516	45.67 2.83 -0.01	43.31 2.68 -0.01	42.04 2.60 -0.01	41.91 2.52 -0.01	42.80 2.58 -0.01	45.65 2.78 -0.01	52.31 3.33 0.00	59.45 4.25 -0.01	55.48 4.02 -0.01	50.06 3.62 -0.01	53.60 3.97 -0.01	52.94 3.92 -0.01	60.39 3.74 -9.97	51.98 3.85 -0.01	60.18 3.88 -7.22	59.99 4.56 -0.45	73.95 4.79 -10.77	84.05 5.73 -6.77	79.18 5.56 -4.19	70.88 5.37 -0.02	62.83 4.76 -0.01	58.41 4.37 -0.01	56.11 4.01 -0.01	53.55 3.69 -0.01
ASTORIA___4 23517	45.67 2.83 -0.01	43.36 2.72 -0.01	42.08 2.64 -0.01	41.95 2.56 -0.01	42.79 2.57 -0.01	45.65 2.79 -0.01	52.36 3.38 0.00	59.44 4.25 0.00	55.52 4.06 0.00	50.09 3.67 0.00	53.64 4.02 0.00	52.98 3.97 0.00	60.39 3.73 -9.97	51.97 3.85 0.00	60.18 3.88 -7.22	60.04 4.62 -0.45	73.95 4.79 -10.77	84.05 5.72 -6.77	79.18 5.55 -4.19	70.88 5.37 -0.02	62.82 4.76 0.00	58.41 4.38 0.00	56.10 4.01 0.00	53.55 3.69 -0.01
ASTORIA___5 23518	45.67 2.83 -0.01	43.31 2.68 -0.01	42.04 2.60 -0.01	41.91 2.52 -0.01	42.80 2.58 -0.01	45.65 2.78 -0.01	52.31 3.33 0.00	59.45 4.25 -0.01	55.48 4.02 -0.01	50.06 3.62 -0.01	53.60 3.97 -0.01	52.94 3.92 -0.01	60.39 3.74 -9.97	51.98 3.85 -0.01	60.18 3.88 -7.22	59.99 4.56 -0.45	73.95 4.79 -10.77	84.05 5.73 -6.77	79.18 5.56 -4.19	70.88 5.37 -0.02	62.83 4.76 -0.01	58.41 4.37 -0.01	56.11 4.01 -0.01	53.55 3.69 -0.01
AST_ENERGY_2_CC3 323677	45.19 2.35 -0.01	43.07 2.44 -0.01	41.81 2.37 -0.01	41.67 2.28 -0.01	42.55 2.33 -0.01	45.22 2.36 -0.01	51.46 2.50 0.01	58.67 3.48 0.00	54.89 3.45 0.01	49.48 3.06 0.01	53.04 3.42 0.01	52.38 3.38 0.01	49.88 3.18 -0.02	51.43 3.32 0.01	52.38 3.29 -0.01	58.94 3.96 -0.01	66.95 4.09 -4.48	76.35 4.79 -0.01	74.24 4.79 -0.02	70.09 4.58 -0.01	62.13 4.06 0.00	57.65 3.62 0.00	55.17 3.07 -0.01	53.24 3.39 0.00
AST_ENERGY_2_CC4 323678	45.19 2.35 -0.01	43.07 2.44 -0.01	41.81 2.37 -0.01	41.67 2.28 -0.01	42.55 2.33 -0.01	45.22 2.36 -0.01	51.46 2.50 0.01	58.67 3.48 0.00	54.89 3.45 0.01	49.48 3.06 0.01	53.04 3.42 0.01	52.38 3.38 0.01	49.88 3.18 -0.02	51.43 3.32 0.01	52.38 3.29 -0.01	58.94 3.96 -0.01	66.95 4.09 -4.48	76.35 4.79 -0.01	74.24 4.79 -0.02	70.09 4.58 -0.01	62.13 4.06 0.00	57.65 3.62 0.00	55.17 3.07 -0.01	53.24 3.39 0.00

ATHENS_STG_1 23668	44.29 1.46 0.00	42.01 1.38 0.00	40.77 1.34 0.00	40.68 1.30 0.00	41.54 1.33 0.00	44.32 1.46 0.00	50.64 1.67 0.00	57.29 2.10 0.00	53.46 2.00 0.00	48.28 1.86 0.00	51.71 2.08 0.00	51.07 2.06 0.00	48.69 2.01 0.00	50.14 2.02 0.00	51.10 2.01 0.00	57.23 2.25 0.00	65.67 2.39 -4.89	74.41 2.86 0.00	72.21 2.78 0.00	68.12 2.62 0.00	60.32 2.26 0.00	56.14 2.11 0.00	54.07 1.98 0.00	51.75 1.89 0.00
ATHENS_STG_2 23670	44.29 1.46 0.00	42.01 1.38 0.00	40.77 1.34 0.00	40.68 1.30 0.00	41.54 1.33 0.00	44.32 1.46 0.00	50.64 1.67 0.00	57.29 2.10 0.00	53.46 2.00 0.00	48.28 1.86 0.00	51.71 2.08 0.00	51.07 2.06 0.00	48.69 2.01 0.00	50.14 2.02 0.00	51.10 2.01 0.00	57.23 2.25 0.00	65.67 2.39 -4.89	74.41 2.86 0.00	72.21 2.78 0.00	68.12 2.62 0.00	60.32 2.26 0.00	56.14 2.11 0.00	54.07 1.98 0.00	51.75 1.89 0.00
ATHENS_STG_3 23677	44.29 1.46 0.00	42.01 1.38 0.00	40.77 1.34 0.00	40.68 1.30 0.00	41.54 1.33 0.00	44.32 1.46 0.00	50.64 1.67 0.00	57.29 2.10 0.00	53.46 2.00 0.00	48.28 1.86 0.00	51.71 2.08 0.00	51.07 2.06 0.00	48.69 2.01 0.00	50.14 2.02 0.00	51.10 2.01 0.00	57.23 2.25 0.00	65.67 2.39 -4.89	74.41 2.86 0.00	72.21 2.78 0.00	68.12 2.62 0.00	60.32 2.26 0.00	56.14 2.11 0.00	54.07 1.98 0.00	51.75 1.89 0.00
AUBURN____LFGE 323710	42.32 -0.51 0.00	40.06 -0.57 0.00	38.84 -0.59 0.00	38.83 -0.55 0.00	39.69 -0.52 0.00	42.30 -0.56 0.00	48.39 -0.59 0.00	54.53 -0.66 0.00	50.84 -0.62 0.00	45.82 -0.60 0.00	48.93 -0.69 0.00	48.37 -0.64 0.00	46.12 -0.56 0.00	47.54 -0.58 0.00	48.59 -0.49 0.00	54.43 -0.55 0.00	58.65 -0.53 -0.79	71.33 -0.21 0.00	69.22 -0.21 0.00	65.23 -0.26 0.00	57.77 -0.29 0.00	53.60 -0.43 0.00	51.72 -0.36 0.00	49.45 -0.40 0.00
BABYLON_RES_REC 323704	46.14 3.30 -0.01	43.76 3.13 -0.01	42.48 3.04 -0.01	42.38 2.99 -0.01	43.28 3.05 -0.01	46.13 3.26 -0.01	56.35 3.92 -3.45	67.00 4.80 -7.01	56.07 4.58 -0.04	50.47 4.04 -0.01	54.02 4.27 -0.13	53.18 4.16 -0.01	51.50 4.11 -0.71	63.91 4.09 -11.70	69.44 4.27 -16.09	74.50 5.23 -14.30	96.56 5.78 -32.39	99.71 6.80 -21.36	99.10 6.60 -23.07	97.08 6.35 -25.23	92.62 5.63 -28.92	80.24 5.19 -21.02	69.93 4.48 -13.36	64.84 4.09 -10.90
BALL_HILL_WT_PWR 323825	39.49 -3.34 0.00	37.30 -3.33 0.00	36.24 -3.19 0.00	36.19 -3.19 0.00	37.15 -3.06 0.00	39.05 -3.81 0.00	43.93 -5.04 0.00	49.28 -5.90 0.00	46.10 -5.35 0.00	41.97 -4.46 0.00	44.26 -5.36 0.00	43.81 -5.20 0.00	41.88 -4.81 0.00	42.92 -5.20 0.00	44.13 -4.96 0.00	49.37 -5.61 0.00	52.08 -6.60 -0.29	64.61 -6.94 0.00	63.18 -6.25 0.00	59.80 -5.70 0.00	53.42 -4.65 0.00	49.44 -4.59 0.00	48.39 -3.70 0.00	46.51 -3.34 0.00
BARON_WINDS____WT_PWR 323822	40.18 -2.66 0.00	37.99 -2.64 0.00	36.87 -2.56 0.00	36.86 -2.52 0.00	37.76 -2.45 0.00	39.90 -2.96 0.00	45.30 -3.67 0.00	50.99 -4.20 0.00	47.49 -3.96 0.00	42.94 -3.48 0.00	45.45 -4.17 0.00	44.89 -4.12 0.00	42.95 -3.74 0.00	44.13 -3.99 0.00	45.25 -3.83 0.00	50.91 -4.07 0.00	54.06 -4.49 -0.16	66.82 -4.72 0.00	65.27 -4.16 0.00	61.70 -3.80 0.00	54.87 -3.19 0.00	50.84 -3.19 0.00	49.38 -2.71 0.00	47.41 -2.44 0.00
BARRETT_IC_1 23704	45.76 2.91 -0.01	43.40 2.76 -0.01	42.13 2.68 -0.01	42.11 2.72 -0.01	42.92 2.69 -0.01	45.74 2.87 -0.01	55.95 3.38 -3.59	66.63 4.14 -7.30	55.51 4.02 -0.04	50.10 3.67 -0.01	53.63 3.87 -0.13	52.85 3.83 -0.01	50.92 3.50 -0.74	63.82 3.51 -12.19	69.47 3.63 -16.76	73.94 4.07 -14.90	96.37 4.44 -33.55	99.09 5.29 -22.24	98.66 5.21 -24.02	96.62 4.85 -26.28	92.42 4.24 -30.12	79.87 3.94 -21.90	69.55 3.54 -13.92	64.49 3.29 -11.35
BARRETT_IC_10 23701	45.76 2.91 -0.01	43.40 2.76 -0.01	42.13 2.68 -0.01	42.11 2.72 -0.01	42.92 2.69 -0.01	45.74 2.87 -0.01	55.95 3.38 -3.59	66.63 4.14 -7.30	55.51 4.02 -0.04	50.10 3.67 -0.01	53.63 3.87 -0.13	52.85 3.83 -0.01	50.92 3.50 -0.74	63.82 3.51 -12.19	69.47 3.63 -16.76	73.94 4.07 -14.90	96.37 4.44 -33.55	99.09 5.29 -22.24	98.66 5.21 -24.02	96.62 4.85 -26.28	92.42 4.24 -30.12	79.87 3.94 -21.90	69.55 3.54 -13.92	64.49 3.29 -11.35
BARRETT_IC_11 23702	45.76 2.91 -0.01	43.40 2.76 -0.01	42.13 2.68 -0.01	42.11 2.72 -0.01	42.92 2.69 -0.01	45.74 2.87 -0.01	55.95 3.38 -3.59	66.63 4.14 -7.30	55.51 4.02 -0.04	50.10 3.67 -0.01	53.63 3.87 -0.13	52.85 3.83 -0.01	50.92 3.50 -0.74	63.82 3.51 -12.19	69.47 3.63 -16.76	73.94 4.07 -14.90	96.37 4.44 -33.55	99.09 5.29 -22.24	98.66 5.21 -24.02	96.62 4.85 -26.28	92.42 4.24 -30.12	79.87 3.94 -21.90	69.55 3.54 -13.92	64.49 3.29 -11.35
BARRETT_IC_12 23703	45.76 2.91 -0.01	43.40 2.76 -0.01	42.13 2.68 -0.01	42.11 2.72 -0.01	42.92 2.69 -0.01	45.74 2.87 -0.01	55.95 3.38 -3.59	66.63 4.14 -7.30	55.51 4.02 -0.04	50.10 3.67 -0.01	53.63 3.87 -0.13	52.85 3.83 -0.01	50.92 3.50 -0.74	63.82 3.51 -12.19	69.47 3.63 -16.76	73.94 4.07 -14.90	96.37 4.44 -33.55	99.09 5.29 -22.24	98.66 5.21 -24.02	96.62 4.85 -26.28	92.42 4.24 -30.12	79.87 3.94 -21.90	69.55 3.54 -13.92	64.49 3.29 -11.35
BARRETT_IC_2 23705	45.76 2.91 -0.01	43.40 2.76 -0.01	42.13 2.68 -0.01	42.11 2.72 -0.01	42.92 2.69 -0.01	45.74 2.87 -0.01	55.95 3.38 -3.59	66.63 4.14 -7.30	55.51 4.02 -0.04	50.10 3.67 -0.01	53.63 3.87 -0.13	52.85 3.83 -0.01	50.92 3.50 -0.74	63.82 3.51 -12.19	69.47 3.63 -16.76	73.94 4.07 -14.90	96.37 4.44 -33.55	99.09 5.29 -22.24	98.66 5.21 -24.02	96.62 4.85 -26.28	92.42 4.24 -30.12	79.87 3.94 -21.90	69.55 3.54 -13.92	64.49 3.29 -11.35
BARRETT_IC_3 23706	45.76 2.91 -0.01	43.40 2.76 -0.01	42.13 2.68 -0.01	42.11 2.72 -0.01	42.92 2.69 -0.01	45.74 2.87 -0.01	55.95 3.38 -3.59	66.63 4.14 -7.30	55.51 4.02 -0.04	50.10 3.67 -0.01	53.63 3.87 -0.13	52.85 3.83 -0.01	50.92 3.50 -0.74	63.82 3.51 -12.19	69.47 3.63 -16.76	73.94 4.07 -14.90	96.37 4.44 -33.55	99.09 5.29 -22.24	98.66 5.21 -24.02	96.62 4.85 -26.28	92.42 4.24 -30.12	79.87 3.94 -21.90	69.55 3.54 -13.92	64.49 3.29 -11.35
BARRETT_IC_4 23707	45.76 2.91 -0.01	43.40 2.76 -0.01	42.13 2.68 -0.01	42.11 2.72 -0.01	42.92 2.69 -0.01	45.74 2.87 -0.01	55.95 3.38 -3.59	66.63 4.14 -7.30	55.51 4.02 -0.04	50.10 3.67 -0.01	53.63 3.87 -0.13	52.85 3.83 -0.01	50.92 3.50 -0.74	63.82 3.51 -12.19	69.47 3.63 -16.76	73.94 4.07 -14.90	96.37 4.44 -33.55	99.09 5.29 -22.24	98.66 5.21 -24.02	96.62 4.85 -26.28	92.42 4.24 -30.12	79.87 3.94 -21.90	69.55 3.54 -13.92	64.49 3.29 -11.35
BARRETT_IC_5 23708	45.76 2.91 -0.01	43.40 2.76 -0.01	42.13 2.68 -0.01	42.11 2.72 -0.01	42.92 2.69 -0.01	45.74 2.87 -0.01	55.95 3.38 -3.59	66.63 4.14 -7.30	55.51 4.02 -0.04	50.10 3.67 -0.01	53.63 3.87 -0.13	52.85 3.83 -0.01	50.92 3.50 -0.74	63.82 3.51 -12.19	69.47 3.63 -16.76	73.94 4.07 -14.90	96.37 4.44 -33.55	99.09 5.29 -22.24	98.66 5.21 -24.02	96.62 4.85 -26.28	92.42 4.24 -30.12	79.87 3.94 -21.90	69.55 3.54 -13.92	64.49 3.29 -11.35

BARRETT_IC_6 23709	45.76 2.91 -0.01	43.40 2.76 -0.01	42.13 2.68 -0.01	42.11 2.72 -0.01	42.92 2.69 -0.01	45.74 2.87 -0.01	55.95 3.38 -3.59	66.63 4.14 -7.30	55.51 4.02 -0.04	50.10 3.67 -0.01	53.63 3.87 -0.13	52.85 3.83 -0.01	50.92 3.50 -0.74	63.82 3.51 -12.19	69.47 3.63 -16.76	73.94 4.07 -14.90	96.37 4.44 -33.55	99.09 5.29 -22.24	98.66 5.21 -24.02	96.62 4.85 -26.28	92.42 4.24 -30.12	79.87 3.94 -21.90	69.55 3.54 -13.92	64.49 3.29 -11.35
BARRETT_IC_7 23710	45.71 2.87 -0.01	43.40 2.76 -0.01	42.12 2.68 -0.01	42.11 2.72 -0.01	42.92 2.69 -0.01	45.74 2.87 -0.01	55.70 3.13 -3.59	66.36 3.86 -7.30	55.51 4.01 -0.04	50.10 3.67 -0.01	53.43 3.67 -0.13	52.84 3.82 -0.01	50.87 3.45 -0.74	63.82 3.51 -12.19	69.47 3.63 -16.76	74.22 4.34 -14.90	96.37 4.44 -33.55	99.09 5.29 -22.24	98.66 5.21 -24.02	96.62 4.85 -26.28	92.42 4.24 -30.12	79.87 3.94 -21.90	69.65 3.65 -13.92	64.50 3.29 -11.35
BARRETT_IC_8 23711	45.76 2.91 -0.01	43.40 2.76 -0.01	42.13 2.68 -0.01	42.11 2.72 -0.01	42.92 2.69 -0.01	45.74 2.87 -0.01	55.95 3.38 -3.59	66.63 4.14 -7.30	55.51 4.02 -0.04	50.10 3.67 -0.01	53.63 3.87 -0.13	52.85 3.83 -0.01	50.92 3.50 -0.74	63.82 3.51 -12.19	69.47 3.63 -16.76	73.94 4.07 -14.90	96.37 4.44 -33.55	99.09 5.29 -22.24	98.66 5.21 -24.02	96.62 4.85 -26.28	92.42 4.24 -30.12	79.87 3.94 -21.90	69.55 3.54 -13.92	64.49 3.29 -11.35
BARRETT_IC_9 23700	45.76 2.91 -0.01	43.40 2.76 -0.01	42.13 2.68 -0.01	42.11 2.72 -0.01	42.92 2.69 -0.01	45.74 2.87 -0.01	55.95 3.38 -3.59	66.63 4.14 -7.30	55.51 4.02 -0.04	50.10 3.67 -0.01	53.63 3.87 -0.13	52.85 3.83 -0.01	50.92 3.50 -0.74	63.82 3.51 -12.19	69.47 3.63 -16.76	73.94 4.07 -14.90	96.37 4.44 -33.55	99.09 5.29 -22.24	98.66 5.21 -24.02	96.62 4.85 -26.28	92.42 4.24 -30.12	79.87 3.94 -21.90	69.55 3.54 -13.92	64.49 3.29 -11.35
BARRETT___1 23545	45.76 2.91 -0.01	43.40 2.76 -0.01	42.13 2.68 -0.01	42.11 2.72 -0.01	42.92 2.69 -0.01	45.74 2.87 -0.01	55.95 3.38 -3.59	66.63 4.14 -7.30	55.51 4.02 -0.04	50.10 3.67 -0.01	53.63 3.87 -0.13	52.85 3.83 -0.01	50.92 3.50 -0.74	63.82 3.51 -12.19	69.47 3.63 -16.76	73.94 4.07 -14.90	96.37 4.44 -33.55	99.09 5.29 -22.24	98.66 5.21 -24.02	96.62 4.85 -26.28	92.42 4.24 -30.12	79.87 3.94 -21.90	69.55 3.54 -13.92	64.49 3.29 -11.35
BARRETT___2 23546	45.76 2.91 -0.01	43.40 2.76 -0.01	42.13 2.68 -0.01	42.11 2.72 -0.01	42.92 2.69 -0.01	45.74 2.87 -0.01	55.95 3.38 -3.59	66.63 4.14 -7.30	55.51 4.02 -0.04	50.10 3.67 -0.01	53.63 3.87 -0.13	52.85 3.83 -0.01	50.92 3.50 -0.74	63.82 3.51 -12.19	69.47 3.63 -16.76	73.94 4.07 -14.90	96.37 4.44 -33.55	99.09 5.29 -22.24	98.66 5.21 -24.02	96.62 4.85 -26.28	92.42 4.24 -30.12	79.87 3.94 -21.90	69.55 3.54 -13.92	64.49 3.29 -11.35
BATAVIA___115KV_TB1 55881	40.52 -2.31 0.00	38.23 -2.40 0.00	36.99 -2.44 0.00	36.90 -2.48 0.00	38.08 -2.13 0.00	39.95 -2.91 0.00	45.06 -3.92 0.00	50.88 -4.30 0.00	47.49 -3.96 0.00	43.17 -3.25 0.00	45.70 -3.92 0.00	45.19 -3.82 0.00	43.09 -3.59 0.00	44.32 -3.80 0.00	45.55 -3.53 0.00	50.85 -4.12 0.00	53.78 -4.90 -0.30	66.54 -5.01 0.00	64.92 -4.51 0.00	61.44 -4.06 0.00	54.81 -3.25 0.00	50.74 -3.30 0.00	49.69 -2.40 0.00	47.56 -2.29 0.00
BAYONEEC___CTG1 323682	45.36 2.53 0.00	43.02 2.40 0.00	41.76 2.33 0.00	41.62 2.24 0.00	42.50 2.29 0.00	45.35 2.48 0.00	52.11 3.14 0.00	59.22 4.03 -0.01	55.37 3.91 -0.01	49.96 3.53 -0.01	53.50 3.87 -0.01	52.84 3.83 -0.01	60.24 3.74 -9.82	51.88 3.76 -0.01	60.13 3.93 -7.12	59.87 4.45 -0.44	73.97 4.91 -10.68	84.23 6.01 -6.67	79.39 5.83 -4.13	70.82 5.30 -0.02	62.60 4.53 -0.01	58.20 4.16 -0.01	55.80 3.70 -0.01	53.19 3.34 0.00
BAYONEEC___CTG10 323750	45.36 2.53 0.00	43.02 2.40 0.00	41.76 2.33 0.00	41.62 2.24 0.00	42.50 2.29 0.00	45.35 2.48 0.00	52.11 3.14 0.00	59.22 4.03 -0.01	55.37 3.91 -0.01	49.96 3.53 -0.01	53.50 3.87 -0.01	52.84 3.83 -0.01	60.24 3.74 -9.82	51.88 3.76 -0.01	60.13 3.93 -7.12	59.87 4.45 -0.44	73.97 4.91 -10.68	84.23 6.01 -6.67	79.39 5.83 -4.13	70.82 5.30 -0.02	62.60 4.53 -0.01	58.20 4.16 -0.01	55.80 3.70 -0.01	53.19 3.34 0.00
BAYONEEC___CTG2 323683	45.36 2.53 0.00	43.02 2.40 0.00	41.76 2.33 0.00	41.62 2.24 0.00	42.50 2.29 0.00	45.35 2.48 0.00	52.11 3.14 0.00	59.22 4.03 -0.01	55.37 3.91 -0.01	49.96 3.53 -0.01	53.50 3.87 -0.01	52.84 3.83 -0.01	60.24 3.74 -9.82	51.88 3.76 -0.01	60.13 3.93 -7.12	59.87 4.45 -0.44	73.97 4.91 -10.68	84.23 6.01 -6.67	79.39 5.83 -4.13	70.82 5.30 -0.02	62.60 4.53 -0.01	58.20 4.16 -0.01	55.80 3.70 -0.01	53.19 3.34 0.00
BAYONEEC___CTG3 323684	45.36 2.53 0.00	43.02 2.40 0.00	41.76 2.33 0.00	41.62 2.24 0.00	42.50 2.29 0.00	45.35 2.48 0.00	52.11 3.14 0.00	59.22 4.03 -0.01	55.37 3.91 -0.01	49.96 3.53 -0.01	53.50 3.87 -0.01	52.84 3.83 -0.01	60.24 3.74 -9.82	51.88 3.76 -0.01	60.13 3.93 -7.12	59.87 4.45 -0.44	73.97 4.91 -10.68	84.23 6.01 -6.67	79.39 5.83 -4.13	70.82 5.30 -0.02	62.60 4.53 -0.01	58.20 4.16 -0.01	55.80 3.70 -0.01	53.19 3.34 0.00
BAYONEEC___CTG4 323685	45.36 2.53 0.00	43.02 2.40 0.00	41.76 2.33 0.00	41.62 2.24 0.00	42.50 2.29 0.00	45.35 2.48 0.00	52.11 3.14 0.00	59.22 4.03 -0.01	55.37 3.91 -0.01	49.96 3.53 -0.01	53.50 3.87 -0.01	52.84 3.83 -0.01	60.24 3.74 -9.82	51.88 3.76 -0.01	60.13 3.93 -7.12	59.87 4.45 -0.44	73.97 4.91 -10.68	84.23 6.01 -6.67	79.39 5.83 -4.13	70.82 5.30 -0.02	62.60 4.53 -0.01	58.20 4.16 -0.01	55.80 3.70 -0.01	53.19 3.34 0.00
BAYONEEC___CTG5 323686	45.36 2.53 0.00	43.02 2.40 0.00	41.76 2.33 0.00	41.62 2.24 0.00	42.50 2.29 0.00	45.35 2.48 0.00	52.11 3.14 0.00	59.22 4.03 -0.01	55.37 3.91 -0.01	49.96 3.53 -0.01	53.50 3.87 -0.01	52.84 3.83 -0.01	60.24 3.74 -9.82	51.88 3.76 -0.01	60.13 3.93 -7.12	59.87 4.45 -0.44	73.97 4.91 -10.68	84.23 6.01 -6.67	79.39 5.83 -4.13	70.82 5.30 -0.02	62.60 4.53 -0.01	58.20 4.16 -0.01	55.80 3.70 -0.01	53.19 3.34 0.00
BAYONEEC___CTG6 323687	45.36 2.53 0.00	43.02 2.40 0.00	41.76 2.33 0.00	41.62 2.24 0.00	42.50 2.29 0.00	45.35 2.48 0.00	52.11 3.14 0.00	59.22 4.03 -0.01	55.37 3.91 -0.01	49.96 3.53 -0.01	53.50 3.87 -0.01	52.84 3.83 -0.01	60.24 3.74 -9.82	51.88 3.76 -0.01	60.13 3.93 -7.12	59.87 4.45 -0.44	73.97 4.91 -10.68	84.23 6.01 -6.67	79.39 5.83 -4.13	70.82 5.30 -0.02	62.60 4.53 -0.01	58.20 4.16 -0.01	55.80 3.70 -0.01	53.19 3.34 0.00
BAYONEEC___CTG7 323688	45.36 2.53 0.00	43.02 2.40 0.00	41.76 2.33 0.00	41.62 2.24 0.00	42.50 2.29 0.00	45.35 2.48 0.00	52.11 3.14 0.00	59.22 4.03 -0.01	55.37 3.91 -0.01	49.96 3.53 -0.01	53.50 3.87 -0.01	52.84 3.83 -0.01	60.24 3.74 -9.82	51.88 3.76 -0.01	60.13 3.93 -7.12	59.87 4.45 -0.44	73.97 4.91 -10.68	84.23 6.01 -6.67	79.39 5.83 -4.13	70.82 5.30 -0.02	62.60 4.53 -0.01	58.20 4.16 -0.01	55.80 3.70 -0.01	53.19 3.34 0.00

BAYONEEC___CTG8 323689	45.36 2.53 0.00	43.02 2.40 0.00	41.76 2.33 0.00	41.62 2.24 0.00	42.50 2.29 0.00	45.35 2.48 0.00	52.11 3.14 0.00	59.22 4.03 -0.01	55.37 3.91 -0.01	49.96 3.53 -0.01	53.50 3.87 -0.01	52.84 3.83 -0.01	60.24 3.74 -9.82	51.88 3.76 -0.01	60.13 3.93 -7.12	59.87 4.45 -0.44	73.97 4.91 -10.68	84.23 6.01 -6.67	79.39 5.83 -4.13	70.82 5.30 -0.02	62.60 4.53 -0.01	58.20 4.16 -0.01	55.80 3.70 -0.01	53.19 3.34 0.00
BAYONEEC___CTG9 323749	45.36 2.53 0.00	43.02 2.40 0.00	41.76 2.33 0.00	41.62 2.24 0.00	42.50 2.29 0.00	45.35 2.48 0.00	52.11 3.14 0.00	59.22 4.03 -0.01	55.37 3.91 -0.01	49.96 3.53 -0.01	53.50 3.87 -0.01	52.84 3.83 -0.01	60.24 3.74 -9.82	51.88 3.76 -0.01	60.13 3.93 -7.12	59.87 4.45 -0.44	73.97 4.91 -10.68	84.23 6.01 -6.67	79.39 5.83 -4.13	70.82 5.30 -0.02	62.60 4.53 -0.01	58.20 4.16 -0.01	55.80 3.70 -0.01	53.19 3.34 0.00
BEACON___LESR 323632	44.67 1.84 0.00	42.41 1.79 0.00	41.13 1.69 0.00	41.03 1.65 0.00	41.86 1.65 0.00	44.74 1.88 0.00	51.03 2.06 0.00	57.56 2.37 0.00	53.82 2.37 0.00	48.65 2.23 0.00	52.10 2.48 0.00	51.41 2.40 0.00	48.97 2.29 0.00	50.52 2.40 0.00	51.59 2.50 0.00	57.72 2.75 0.00	66.60 2.80 -5.41	74.69 3.14 0.00	72.56 3.13 0.00	68.45 2.95 0.00	60.74 2.67 0.00	56.57 2.54 0.00	54.49 2.40 0.00	52.20 2.34 0.00
BEAVER RIVER___HYD 24048	42.66 -0.17 0.00	40.50 -0.12 0.00	39.28 -0.16 0.00	39.26 -0.12 0.00	40.01 -0.20 0.00	42.73 -0.13 0.00	48.44 -0.54 0.00	54.97 -0.22 0.00	51.04 -0.41 0.00	45.91 -0.51 0.00	49.28 -0.34 0.00	48.62 -0.39 0.00	46.08 -0.61 0.00	47.73 -0.39 0.00	48.64 -0.44 0.00	54.48 -0.50 0.00	57.97 -0.58 -0.17	71.19 -0.36 0.00	69.01 -0.41 0.00	65.24 -0.26 0.00	57.95 -0.12 0.00	54.30 0.27 0.00	52.30 0.21 0.00	50.10 0.25 0.00
BEEBEE_GT_13 23619	41.12 -1.71 0.00	38.84 -1.79 0.00	37.58 -1.85 0.00	37.53 -1.85 0.00	38.56 -1.65 0.00	40.76 -2.10 0.00	46.23 -2.74 0.00	52.21 -2.98 0.00	48.73 -2.73 0.00	44.24 -2.18 0.00	47.09 -2.53 0.00	46.56 -2.45 0.00	44.35 -2.33 0.00	45.71 -2.41 0.00	46.83 -2.26 0.00	52.34 -2.64 0.00	55.49 -3.21 -0.31	68.26 -3.29 0.00	66.37 -3.05 0.00	62.68 -2.82 0.00	55.74 -2.32 0.00	51.71 -2.32 0.00	50.32 -1.77 0.00	48.06 -1.79 0.00
BENSHRST_27_KV_BENSHRST_1 355998	46.01 3.17 -0.01	43.56 2.93 -0.01	42.28 2.84 -0.01	42.11 2.72 -0.01	42.99 2.77 -0.01	45.91 3.04 -0.01	52.60 3.62 0.00	59.66 4.47 0.00	55.62 4.17 0.00	50.18 3.76 0.00	53.74 4.12 0.00	53.08 4.07 0.00	60.28 3.64 -9.95	52.11 3.99 0.00	60.12 3.83 -7.21	60.21 4.78 -0.45	73.89 4.73 -10.77	84.11 5.80 -6.76	79.24 5.62 -4.19	71.34 5.83 -0.02	63.11 5.05 0.00	58.79 4.75 0.00	56.57 4.48 0.00	53.95 4.09 -0.01
BETHLEHEM___GRP 23843	44.12 1.28 0.00	41.89 1.26 0.00	40.66 1.22 0.00	40.56 1.18 0.00	41.38 1.17 0.00	44.15 1.29 0.00	50.35 1.37 0.00	56.79 1.60 0.00	53.10 1.65 0.00	48.00 1.58 0.00	51.41 1.79 0.00	50.77 1.76 0.00	48.37 1.68 0.00	49.90 1.78 0.00	50.90 1.82 0.00	56.90 1.92 0.00	65.67 1.87 -5.41	73.55 2.00 0.00	71.37 1.94 0.00	67.40 1.90 0.00	59.86 1.80 0.00	55.76 1.73 0.00	53.76 1.67 0.00	51.55 1.69 0.00
BETHLEHEM___GS1 323560	44.12 1.28 0.00	41.89 1.26 0.00	40.61 1.18 0.00	40.56 1.18 0.00	41.38 1.17 0.00	44.14 1.28 0.00	50.35 1.37 0.00	56.79 1.60 0.00	53.10 1.65 0.00	48.00 1.58 0.00	51.41 1.78 0.00	50.77 1.76 0.00	48.36 1.68 0.00	49.90 1.78 0.00	50.90 1.82 0.00	56.90 1.92 0.00	65.67 1.87 -5.41	73.55 2.00 0.00	71.37 1.94 0.00	67.40 1.90 0.00	59.86 1.80 0.00	55.76 1.73 0.00	53.75 1.67 0.00	51.45 1.59 0.00
BETHLEHEM___GS2 323561	44.12 1.28 0.00	41.89 1.26 0.00	40.61 1.18 0.00	40.56 1.18 0.00	41.38 1.17 0.00	44.14 1.28 0.00	50.35 1.37 0.00	56.79 1.60 0.00	53.10 1.65 0.00	48.00 1.58 0.00	51.41 1.78 0.00	50.77 1.76 0.00	48.36 1.68 0.00	49.90 1.78 0.00	50.90 1.82 0.00	56.90 1.92 0.00	65.67 1.87 -5.41	73.55 2.00 0.00	71.37 1.94 0.00	67.40 1.90 0.00	59.86 1.80 0.00	55.76 1.73 0.00	53.75 1.67 0.00	51.45 1.59 0.00
BETHLEHEM___GS3 323562	44.12 1.28 0.00	41.89 1.26 0.00	40.61 1.18 0.00	40.56 1.18 0.00	41.38 1.17 0.00	44.14 1.28 0.00	50.35 1.37 0.00	56.79 1.60 0.00	53.10 1.65 0.00	48.00 1.58 0.00	51.41 1.78 0.00	50.77 1.76 0.00	48.36 1.68 0.00	49.90 1.78 0.00	50.90 1.82 0.00	56.90 1.92 0.00	65.67 1.87 -5.41	73.55 2.00 0.00	71.37 1.94 0.00	67.40 1.90 0.00	59.86 1.80 0.00	55.76 1.73 0.00	53.75 1.67 0.00	51.45 1.59 0.00
BETHLEHEM___STEEL 23779	39.75 -3.08 0.00	37.50 -3.13 0.00	36.40 -3.04 0.00	36.31 -3.07 0.00	37.40 -2.81 0.00	39.22 -3.64 0.00	44.03 -4.95 0.00	49.39 -5.79 0.00	46.15 -5.30 0.00	42.06 -4.36 0.00	44.51 -5.11 0.00	44.06 -4.95 0.00	42.16 -4.53 0.00	43.16 -4.96 0.00	44.37 -4.71 0.00	49.59 -5.39 0.00	52.25 -6.42 -0.29	64.68 -6.87 0.00	63.18 -6.25 0.00	59.86 -5.63 0.00	53.48 -4.59 0.00	49.60 -4.43 0.00	48.60 -3.49 0.00	46.66 -3.19 0.00
BETHLHEM_115KV_TB1 79974	44.12 1.28 0.00	41.89 1.26 0.00	40.62 1.18 0.00	40.56 1.18 0.00	41.38 1.17 0.00	44.15 1.29 0.00	50.35 1.37 0.00	56.79 1.60 0.00	53.10 1.65 0.00	48.00 1.58 0.00	51.41 1.79 0.00	50.77 1.76 0.00	48.37 1.68 0.00	49.85 1.73 0.00	50.90 1.82 0.00	56.90 1.92 0.00	65.72 1.93 -5.41	73.62 2.07 0.00	71.44 2.01 0.00	67.46 1.96 0.00	59.86 1.80 0.00	55.76 1.73 0.00	53.76 1.67 0.00	51.55 1.69 0.00
BETHPAGE_CC_5 323564	45.84 3.00 -0.01	43.52 2.88 -0.01	42.24 2.80 -0.01	42.15 2.76 -0.01	42.99 2.77 -0.01	45.87 3.00 -0.01	56.17 3.53 -3.67	67.00 4.36 -7.45	55.72 4.22 -0.04	50.24 3.81 -0.01	53.78 4.02 -0.14	52.99 3.97 -0.01	51.31 3.87 -0.75	64.41 3.85 -12.44	70.11 3.93 -17.10	74.79 4.62 -15.20	97.60 5.08 -34.14	100.26 6.01 -22.70	99.84 5.90 -24.51	97.81 5.50 -26.81	93.68 4.88 -30.74	80.91 4.54 -22.34	70.25 3.96 -14.20	65.12 3.69 -11.58
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	39.79 -3.04 0.00	37.54 -3.09 0.00	36.44 -3.00 0.00	36.39 -2.99 0.00	37.48 -2.73 0.00	39.30 -3.56 0.00	44.13 -4.85 0.00	49.50 -5.68 0.00	46.26 -5.20 0.00	42.11 -4.32 0.00	44.56 -5.06 0.00	44.11 -4.90 0.00	42.20 -4.48 0.00	43.21 -4.91 0.00	44.42 -4.66 0.00	49.70 -5.28 0.00	52.37 -6.31 -0.29	64.82 -6.73 0.00	63.32 -6.11 0.00	59.99 -5.50 0.00	53.59 -4.47 0.00	49.66 -4.38 0.00	48.65 -3.44 0.00	46.76 -3.09 0.00
BINGHAMTON___COGEN 23790	42.36 -0.47 0.00	40.10 -0.53 0.00	38.88 -0.55 0.00	38.87 -0.51 0.00	39.73 -0.48 0.00	42.26 -0.60 0.00	48.24 -0.73 0.00	54.42 -0.77 0.00	50.73 -0.72 0.00	45.77 -0.65 0.00	48.83 -0.79 0.00	48.27 -0.74 0.00	46.08 -0.61 0.00	47.45 -0.67 0.00	48.49 -0.59 0.00	54.43 -0.55 0.00	58.92 -0.70 -1.23	71.05 -0.50 0.00	69.01 -0.42 0.00	65.10 -0.39 0.00	57.71 -0.35 0.00	53.55 -0.49 0.00	51.72 -0.36 0.00	49.55 -0.30 0.00

BIXINCNT_115KV_LOAD 355685	38.63 -4.20 0.00	36.48 -4.14 0.00	35.49 -3.94 0.00	35.52 -3.86 0.00	36.63 -3.58 0.00	38.23 -4.63 0.00	43.05 -5.93 0.00	48.18 -7.01 0.00	44.92 -6.53 0.00	40.76 -5.66 0.00	43.17 -6.45 0.00	42.54 -6.47 0.00	40.66 -6.02 0.00	41.72 -6.40 0.00	42.95 -6.14 0.00	48.21 -6.76 0.00	51.08 -7.59 -0.28	63.25 -8.30 0.00	61.86 -7.57 0.00	58.55 -6.94 0.00	52.49 -5.57 0.00	48.63 -5.40 0.00	47.82 -4.27 0.00	46.06 -3.79 0.00
BLACK RIVER___HYD 24047	42.83 0.00 0.00	40.63 0.00 0.00	39.35 -0.08 0.00	39.38 0.00 0.00	40.13 -0.08 0.00	42.86 0.00 0.00	48.64 -0.34 0.00	55.24 0.06 0.00	51.30 -0.15 0.00	46.10 -0.32 0.00	49.33 -0.30 0.00	48.67 -0.34 0.00	46.13 -0.56 0.00	47.83 -0.29 0.00	48.74 -0.34 0.00	54.76 -0.22 0.00	58.62 0.00 -0.24	72.12 0.57 0.00	69.92 0.49 0.00	66.15 0.65 0.00	58.76 0.70 0.00	54.84 0.81 0.00	52.76 0.68 0.00	50.50 0.65 0.00
BLACKRVR_115KV_TB2 79977	42.83 0.00 0.00	40.63 0.00 0.00	39.35 -0.08 0.00	39.38 0.00 0.00	40.13 -0.08 0.00	42.82 -0.04 0.00	48.63 -0.34 0.00	55.24 0.06 0.00	51.30 -0.15 0.00	46.10 -0.32 0.00	49.33 -0.30 0.00	48.67 -0.34 0.00	46.12 -0.56 0.00	47.83 -0.29 0.00	48.74 -0.34 0.00	54.76 -0.22 0.00	58.62 0.00 -0.24	72.12 0.57 0.00	69.92 0.49 0.00	66.15 0.65 0.00	58.76 0.70 0.00	54.84 0.81 0.00	52.77 0.68 0.00	50.50 0.65 0.00
BLDWN_LI_69_KV_BK4 356085	45.97 3.13 -0.01	43.64 3.01 -0.01	42.36 2.92 -0.01	42.31 2.91 -0.01	43.12 2.90 -0.01	46.00 3.13 -0.01	56.85 3.67 -4.20	68.20 4.47 -8.54	55.87 4.37 -0.05	50.38 3.95 -0.01	53.90 4.12 -0.16	53.14 4.12 -0.01	51.47 3.92 -0.86	66.31 3.95 -14.25	72.74 4.07 -19.59	77.33 4.95 -17.41	101.98 5.14 -38.45	103.70 6.15 -26.00	103.54 6.04 -28.08	101.84 5.63 -30.71	98.20 4.94 -35.20	84.32 4.70 -25.59	72.52 4.17 -16.27	66.91 3.79 -13.27
BLISS_WT_PWR 323608	38.25 -4.58 0.00	36.16 -4.47 0.00	35.25 -4.18 0.00	35.28 -4.10 0.00	36.35 -3.86 0.00	37.85 -5.01 0.00	42.66 -6.32 0.00	47.68 -7.51 0.00	44.51 -6.95 0.00	40.39 -6.03 0.00	42.73 -6.90 0.00	42.05 -6.96 0.00	40.15 -6.54 0.00	41.19 -6.93 0.00	42.46 -6.63 0.00	47.66 -7.31 0.00	50.56 -8.11 -0.28	62.60 -8.95 0.00	61.24 -8.19 0.00	58.03 -7.47 0.00	52.08 -5.98 0.00	48.25 -5.78 0.00	47.50 -4.58 0.00	45.76 -4.09 0.00
BLUESTONE___WT_PWR 323821	43.73 0.90 0.00	41.44 0.81 0.00	40.10 0.67 0.00	40.09 0.71 0.00	40.89 0.68 0.00	43.59 0.73 0.00	49.66 0.69 0.00	56.40 1.21 0.00	52.58 1.13 0.00	47.44 1.02 0.00	50.52 0.89 0.00	49.99 0.98 0.00	47.39 0.70 0.00	49.13 1.01 0.00	51.05 1.97 0.00	57.39 2.42 0.00	62.96 2.80 -1.77	75.27 3.72 0.00	72.83 3.40 0.00	68.77 3.27 0.00	61.08 3.02 0.00	55.76 1.73 0.00	53.75 1.67 0.00	51.49 1.64 0.00
BLUE_CIRC_CHEM_DRP 24182	44.42 1.58 0.00	42.17 1.54 0.00	40.93 1.50 0.00	40.84 1.46 0.00	41.66 1.45 0.00	44.45 1.59 0.00	50.69 1.71 0.00	57.12 1.93 0.00	53.31 1.85 0.00	48.09 1.67 0.00	51.46 1.84 0.00	50.82 1.81 0.00	48.41 1.73 0.00	49.95 1.83 0.00	51.00 1.91 0.00	57.12 2.14 0.00	65.90 2.16 -5.35	74.13 2.58 0.00	72.00 2.57 0.00	67.92 2.42 0.00	60.27 2.21 0.00	56.14 2.11 0.00	54.12 2.03 0.00	51.85 1.99 0.00
BOC_GAS_DRP 24189	43.99 1.16 0.00	41.76 1.14 0.00	40.54 1.10 0.00	40.44 1.06 0.00	41.26 1.05 0.00	44.02 1.16 0.00	50.30 1.32 0.00	56.73 1.55 0.00	53.00 1.54 0.00	47.86 1.44 0.00	51.21 1.59 0.00	50.63 1.62 0.00	48.23 1.54 0.00	49.71 1.59 0.00	50.70 1.62 0.00	56.73 1.76 0.00	65.59 1.81 -5.39	73.62 2.07 0.00	71.44 2.01 0.00	67.46 1.96 0.00	59.80 1.74 0.00	55.65 1.62 0.00	53.60 1.51 0.00	51.35 1.50 0.00
BOONVILLE_115KV_TB1 79983	43.39 0.56 0.00	41.19 0.57 0.00	39.91 0.47 0.00	39.89 0.51 0.00	40.69 0.48 0.00	43.46 0.60 0.00	49.47 0.49 0.00	55.96 0.77 0.00	52.17 0.72 0.00	47.03 0.60 0.00	50.32 0.69 0.00	49.70 0.69 0.00	47.20 0.51 0.00	48.89 0.77 0.00	49.87 0.79 0.00	55.91 0.93 0.00	59.58 1.05 -0.15	72.98 1.43 0.00	70.68 1.25 0.00	66.74 1.24 0.00	59.28 1.22 0.00	55.22 1.19 0.00	53.18 1.09 0.00	50.90 1.05 0.00
BORALEX_4TH_BRANCH 23824	45.53 2.70 0.00	43.19 2.56 0.00	41.88 2.44 0.00	41.78 2.40 0.00	42.66 2.45 0.00	45.56 2.70 0.00	52.11 3.13 0.00	58.83 3.64 0.00	54.95 3.50 0.00	49.63 3.20 0.00	53.15 3.52 0.00	52.49 3.48 0.00	50.00 3.31 0.00	51.54 3.42 0.00	52.62 3.53 0.00	58.88 3.90 0.00	68.00 4.20 -5.41	76.56 5.01 0.00	74.36 4.93 0.00	70.08 4.58 0.00	62.07 4.01 0.00	57.76 3.73 0.00	55.58 3.49 0.00	53.04 3.19 0.00
BOWLINE___1 23526	44.89 2.06 0.00	42.58 1.95 0.00	41.33 1.89 0.00	41.19 1.81 0.00	42.06 1.85 0.00	44.92 2.06 0.00	51.52 2.55 0.00	58.39 3.20 0.00	54.54 3.09 0.00	49.16 2.74 0.00	52.65 3.03 0.00	52.05 3.04 0.00	49.63 2.94 0.00	51.10 2.98 0.00	52.18 3.09 0.00	58.55 3.57 0.00	66.63 3.91 -4.33	76.34 4.79 0.00	74.08 4.65 0.00	69.75 4.25 0.00	61.72 3.66 0.00	57.44 3.41 0.00	55.06 2.97 0.00	52.59 2.74 0.00
BOWLINE___2 23595	44.89 2.06 0.00	42.58 1.95 0.00	41.33 1.89 0.00	41.19 1.81 0.00	42.06 1.85 0.00	44.87 2.01 0.00	51.47 2.50 0.00	58.39 3.20 0.00	54.49 3.04 0.00	49.16 2.74 0.00	52.65 3.03 0.00	52.00 2.99 0.00	49.63 2.94 0.00	51.10 2.98 0.00	52.18 3.09 0.00	58.55 3.57 0.00	66.62 3.91 -4.33	76.34 4.79 0.00	74.08 4.65 0.00	69.75 4.25 0.00	61.72 3.66 0.00	57.44 3.41 0.00	55.06 2.97 0.00	52.54 2.69 0.00
BRADY___115KV_TB2 356060	43.26 0.43 0.00	41.15 0.53 0.00	40.02 0.59 0.00	40.01 0.63 0.00	40.82 0.60 0.00	43.42 0.56 0.00	49.61 0.64 0.00	56.13 0.94 0.00	52.07 0.62 0.00	46.70 0.28 0.00	49.87 0.25 0.00	49.21 0.20 0.00	46.73 0.05 0.00	48.17 0.05 0.00	48.99 -0.10 0.00	54.81 -0.16 0.00	58.39 0.00 0.00	71.76 0.21 0.00	69.57 0.14 0.00	65.82 0.33 0.00	58.47 0.41 0.00	54.63 0.59 0.00	52.66 0.57 0.00	50.50 0.65 0.00
BRANSCOMB___SOLAR 323811	45.36 2.53 0.00	43.06 2.44 0.00	41.76 2.33 0.00	41.70 2.32 0.00	42.50 2.29 0.00	45.43 2.57 0.00	51.86 2.89 0.00	58.56 3.37 0.00	54.65 3.19 0.00	49.30 2.88 0.00	52.75 3.13 0.00	52.00 2.99 0.00	49.44 2.75 0.00	51.01 2.89 0.00	52.18 3.09 0.00	58.55 3.57 0.00	67.82 3.85 -5.59	76.13 4.58 0.00	74.01 4.58 0.00	69.69 4.20 0.00	61.83 3.77 0.00	57.49 3.46 0.00	55.37 3.28 0.00	52.99 3.14 0.00
BRDGHMPT_69_KV_BK1 55812	46.44 3.60 -0.01	44.17 3.53 -0.01	42.95 3.51 -0.01	42.78 3.39 -0.01	43.68 3.46 -0.01	46.51 3.64 -0.01	56.24 4.16 -3.10	66.63 5.13 -6.31	56.22 4.73 -0.03	50.56 4.13 -0.01	54.25 4.52 -0.12	53.33 4.31 -0.01	51.57 4.25 -0.64	63.03 4.38 -10.53	68.22 4.66 -14.48	73.84 5.99 -12.87	94.45 6.48 -29.58	98.82 8.01 -19.25	98.07 7.85 -20.79	95.57 7.34 -22.74	90.30 6.21 -26.02	78.84 5.89 -18.91	68.95 4.84 -12.02	64.39 4.74 -9.81

BRENTWOD_69_KV_W. BRTWOOD 56703	46.57 3.73 -0.01	44.21 3.58 -0.01	42.95 3.51 -0.01	42.82 3.43 -0.01	43.68 3.46 -0.01	46.60 3.73 -0.01	56.71 4.55 -3.18	67.23 5.57 -6.47	56.69 5.20 -0.04	50.98 4.55 -0.01	54.60 4.86 -0.12	53.68 4.66 -0.01	51.86 4.53 -0.65	63.53 4.62 -10.79	68.78 4.86 -14.84	74.26 6.10 -13.19	95.19 6.60 -30.21	98.47 7.23 -19.69	97.64 6.94 -21.27	95.84 7.07 -23.27	91.12 6.39 -26.67	79.30 5.89 -19.38	69.41 5.00 -12.32	64.54 4.64 -10.05
BRISTLHL_115KV_TB1 79998	41.72 -1.11 0.00	39.53 -1.10 0.00	38.33 -1.10 0.00	38.32 -1.06 0.00	39.13 -1.09 0.00	41.70 -1.16 0.00	47.65 -1.32 0.00	53.53 -1.66 0.00	49.91 -1.54 0.00	45.03 -1.39 0.00	48.08 -1.54 0.00	47.54 -1.47 0.00	45.33 -1.35 0.00	46.72 -1.40 0.00	47.66 -1.42 0.00	53.44 -1.54 0.00	57.12 -1.63 -0.37	69.69 -1.86 0.00	67.62 -1.81 0.00	63.73 -1.77 0.00	56.50 -1.57 0.00	52.46 -1.57 0.00	50.63 -1.46 0.00	48.46 -1.40 0.00
BROOKHAVEN___DRP 24191	46.22 3.38 -0.01	43.93 3.29 -0.01	42.71 3.27 -0.01	42.54 3.15 -0.01	43.44 3.22 -0.01	46.21 3.34 -0.01	56.14 4.06 -3.10	66.52 5.02 -6.31	56.12 4.63 -0.03	50.47 4.04 -0.01	54.06 4.32 -0.12	53.14 4.12 -0.01	51.38 4.06 -0.63	62.78 4.14 -10.52	67.97 4.42 -14.47	73.50 5.66 -12.86	94.09 6.13 -29.57	98.16 7.37 -19.24	97.43 7.22 -20.78	94.97 6.75 -22.73	89.99 5.92 -26.01	78.50 5.57 -18.90	68.74 4.64 -12.02	63.94 4.29 -9.80
BROOKLYN_NAVY_YARD 23515	45.27 2.44 0.00	42.94 2.31 0.00	41.68 2.25 0.00	41.51 2.13 0.00	42.38 2.17 0.00	45.26 2.40 0.00	51.96 2.99 0.00	59.06 3.86 -0.01	55.22 3.75 -0.01	49.82 3.39 -0.01	53.35 3.72 -0.01	52.70 3.68 -0.01	60.10 3.60 -9.82	51.74 3.61 -0.01	59.93 3.73 -7.12	59.71 4.29 -0.44	73.79 4.73 -10.68	84.02 5.79 -6.67	79.18 5.62 -4.13	70.62 5.11 -0.02	62.43 4.36 -0.01	58.04 4.00 -0.01	55.69 3.59 -0.01	53.09 3.24 0.00
BROOKLYN___ARMY_DRP 323595	45.84 3.00 -0.01	43.40 2.76 -0.01	42.12 2.68 -0.01	41.99 2.60 -0.01	42.83 2.61 -0.01	45.78 2.91 -0.01	52.45 3.48 0.00	59.44 4.25 0.00	55.42 3.96 0.00	50.00 3.57 0.00	53.54 3.92 0.00	52.88 3.87 0.00	60.15 3.45 -10.01	51.92 3.80 0.00	59.92 3.58 -7.25	59.99 4.56 -0.45	73.60 4.44 -10.77	83.79 5.44 -6.80	78.92 5.28 -4.21	71.01 5.50 -0.02	62.82 4.76 0.00	58.57 4.54 0.00	56.36 4.27 0.00	53.75 3.89 -0.01
BROOME_2_LFGE 323671	42.36 -0.47 0.00	40.10 -0.53 0.00	38.88 -0.55 0.00	38.87 -0.51 0.00	39.73 -0.48 0.00	42.26 -0.60 0.00	48.24 -0.73 0.00	54.42 -0.77 0.00	50.73 -0.72 0.00	45.82 -0.60 0.00	48.83 -0.80 0.00	48.28 -0.73 0.00	46.08 -0.61 0.00	47.45 -0.67 0.00	48.50 -0.59 0.00	54.43 -0.55 0.00	58.92 -0.70 -1.23	71.05 -0.50 0.00	69.01 -0.41 0.00	65.11 -0.39 0.00	57.72 -0.35 0.00	53.54 -0.49 0.00	51.73 -0.36 0.00	49.55 -0.30 0.00
BROOME___LFGE 323600	42.36 -0.47 0.00	40.10 -0.53 0.00	38.88 -0.55 0.00	38.87 -0.51 0.00	39.73 -0.48 0.00	42.26 -0.60 0.00	48.24 -0.73 0.00	54.42 -0.77 0.00	50.73 -0.72 0.00	45.82 -0.60 0.00	48.83 -0.80 0.00	48.28 -0.73 0.00	46.08 -0.61 0.00	47.45 -0.67 0.00	48.50 -0.59 0.00	54.43 -0.55 0.00	58.92 -0.70 -1.23	71.05 -0.50 0.00	69.01 -0.41 0.00	65.11 -0.39 0.00	57.72 -0.35 0.00	53.54 -0.49 0.00	51.73 -0.36 0.00	49.55 -0.30 0.00
BROWNFLS_115KV_TB_3_5 80003	42.58 -0.26 0.00	40.46 -0.16 0.00	39.31 -0.12 0.00	39.30 -0.08 0.00	40.05 -0.16 0.00	42.65 -0.21 0.00	48.39 -0.59 0.00	54.86 -0.33 0.00	50.94 -0.51 0.00	45.77 -0.65 0.00	49.23 -0.40 0.00	48.52 -0.49 0.00	46.08 -0.61 0.00	47.64 -0.48 0.00	48.40 -0.69 0.00	53.99 -0.99 0.00	57.28 -1.23 -0.12	70.26 -1.29 0.00	68.04 -1.39 0.00	64.32 -1.18 0.00	57.13 -0.93 0.00	53.76 -0.27 0.00	51.83 -0.26 0.00	49.70 -0.15 0.00
BROWNSV1_27_KV_LOAD 356125	45.70 2.87 0.00	43.35 2.72 0.00	42.07 2.64 0.00	41.90 2.52 0.00	42.75 2.53 0.00	45.65 2.79 0.00	52.45 3.48 0.00	59.66 4.47 0.00	55.78 4.32 0.00	50.37 3.95 0.00	53.89 4.27 0.00	53.22 4.21 0.00	60.62 4.11 -9.82	52.21 4.09 0.00	60.47 4.27 -7.12	60.31 4.89 -0.44	74.44 5.37 -10.68	84.81 6.58 -6.67	79.95 6.39 -4.13	71.41 5.89 -0.02	63.11 5.05 0.00	58.62 4.59 0.00	56.20 4.11 0.00	53.59 3.74 0.00
BURROWS___LYONSDAL 23803	43.17 0.34 0.00	40.95 0.33 0.00	39.71 0.28 0.00	39.70 0.32 0.00	40.49 0.28 0.00	43.20 0.34 0.00	49.17 0.20 0.00	55.69 0.50 0.00	51.87 0.41 0.00	46.70 0.28 0.00	50.02 0.40 0.00	49.35 0.34 0.00	46.87 0.19 0.00	48.55 0.43 0.00	49.53 0.44 0.00	55.52 0.55 0.00	59.18 0.64 -0.15	72.55 1.00 0.00	70.26 0.83 0.00	66.35 0.85 0.00	58.93 0.87 0.00	54.95 0.92 0.00	52.92 0.83 0.00	50.65 0.80 0.00
CAITHNESS_CC_1 323624	46.09 3.25 -0.01	43.84 3.21 -0.01	42.60 3.16 -0.01	42.46 3.07 -0.01	43.36 3.14 -0.01	46.12 3.26 -0.01	55.94 3.87 -3.10	66.29 4.80 -6.30	56.02 4.53 -0.03	50.38 3.94 -0.01	53.91 4.17 -0.12	53.08 4.07 -0.01	51.38 4.06 -0.63	62.72 4.09 -10.52	67.81 4.27 -14.46	73.16 5.33 -12.85	93.90 5.96 -29.56	97.87 7.08 -19.23	97.14 6.94 -20.77	94.70 6.49 -22.71	89.80 5.75 -25.99	78.33 5.40 -18.89	68.63 4.53 -12.01	63.78 4.14 -9.80
CALPINE BETH_PAGE_GT4 24209	45.93 3.08 -0.01	43.60 2.97 -0.01	42.32 2.88 -0.01	42.27 2.87 -0.01	43.08 2.86 -0.01	45.96 3.09 -0.01	56.61 3.72 -3.92	67.73 4.58 -7.96	55.87 4.37 -0.04	50.38 3.95 -0.01	53.99 4.22 -0.15	53.14 4.12 -0.01	51.45 3.97 -0.80	65.26 3.85 -13.29	71.13 3.78 -18.27	75.89 4.67 -16.24	99.52 4.96 -36.17	101.66 5.87 -24.25	101.38 5.76 -26.19	99.51 5.37 -28.65	95.66 4.76 -32.84	82.33 4.43 -23.87	71.06 3.80 -15.17	65.87 3.64 -12.38
CALPINE_BETH_PAGE_GT_4 323586	45.84 3.00 -0.01	43.48 2.84 -0.01	42.20 2.76 -0.01	42.15 2.76 -0.01	43.00 2.77 -0.01	45.83 2.96 -0.01	56.37 3.48 -3.92	67.46 4.31 -7.96	55.66 4.17 -0.04	50.19 3.76 -0.01	53.74 3.97 -0.15	52.94 3.92 -0.01	51.32 3.83 -0.80	65.21 3.80 -13.29	71.13 3.78 -18.27	75.72 4.51 -16.24	99.51 4.96 -36.17	101.67 5.87 -24.25	101.38 5.76 -26.19	99.51 5.37 -28.65	95.66 4.76 -32.84	82.33 4.43 -23.87	71.11 3.85 -15.17	65.87 3.64 -12.38
CALPINE_BP_GT1 23823	45.84 3.00 -0.01	43.48 2.84 -0.01	42.20 2.76 -0.01	42.15 2.76 -0.01	43.00 2.77 -0.01	45.83 2.96 -0.01	56.37 3.48 -3.92	67.46 4.31 -7.96	55.66 4.17 -0.04	50.19 3.76 -0.01	53.74 3.97 -0.15	52.94 3.92 -0.01	51.32 3.83 -0.80	65.21 3.80 -13.29	71.13 3.78 -18.27	75.72 4.51 -16.24	99.51 4.96 -36.17	101.67 5.87 -24.25	101.38 5.76 -26.19	99.51 5.37 -28.65	95.66 4.76 -32.84	82.33 4.43 -23.87	71.11 3.85 -15.17	65.87 3.64 -12.38
CALSPAN___DRP 24200	39.75 -3.08 0.00	37.50 -3.13 0.00	36.40 -3.04 0.00	36.31 -3.07 0.00	37.40 -2.81 0.00	39.22 -3.64 0.00	44.03 -4.95 0.00	49.39 -5.79 0.00	46.15 -5.30 0.00	42.06 -4.36 0.00	44.51 -5.11 0.00	44.06 -4.95 0.00	42.16 -4.53 0.00	43.16 -4.96 0.00	44.37 -4.71 0.00	49.59 -5.39 0.00	52.25 -6.42 -0.29	64.68 -6.87 0.00	63.18 -6.25 0.00	59.86 -5.63 0.00	53.48 -4.59 0.00	49.60 -4.43 0.00	48.60 -3.49 0.00	46.66 -3.19 0.00

CALVERTON___SOLAR 323806	46.35 3.51 -0.01	44.05 3.41 -0.01	42.79 3.35 -0.01	42.66 3.27 -0.01	43.56 3.34 -0.01	46.34 3.47 -0.01	56.19 4.11 -3.10	66.57 5.07 -6.31	56.22 4.73 -0.03	50.56 4.13 -0.01	54.11 4.37 -0.12	53.23 4.22 -0.01	51.52 4.20 -0.63	62.93 4.28 -10.53	68.07 4.51 -14.47	73.45 5.61 -12.86	94.27 6.31 -29.58	98.46 7.66 -19.25	97.71 7.50 -20.78	95.24 7.01 -22.73	90.11 6.04 -26.01	78.72 5.78 -18.91	68.95 4.85 -12.02	64.14 4.49 -9.80
CANDIGU_WT_PWR 323617	40.18 -2.66 0.00	37.99 -2.64 0.00	36.87 -2.56 0.00	36.86 -2.52 0.00	37.76 -2.45 0.00	39.90 -2.96 0.00	45.30 -3.67 0.00	50.99 -4.20 0.00	47.49 -3.96 0.00	42.94 -3.48 0.00	45.45 -4.17 0.00	44.89 -4.12 0.00	42.95 -3.74 0.00	44.13 -3.99 0.00	45.25 -3.83 0.00	50.91 -4.07 0.00	54.06 -4.49 -0.16	66.82 -4.72 0.00	65.27 -4.16 0.00	61.70 -3.80 0.00	54.87 -3.19 0.00	50.84 -3.19 0.00	49.38 -2.71 0.00	47.41 -2.44 0.00
CARR STREET_E_SYR 24060	42.06 -0.77 0.00	39.85 -0.77 0.00	38.64 -0.79 0.00	38.63 -0.75 0.00	39.49 -0.72 0.00	42.04 -0.82 0.00	48.04 -0.93 0.00	54.03 -1.16 0.00	50.37 -1.08 0.00	45.50 -0.93 0.00	48.58 -1.04 0.00	48.08 -0.93 0.00	45.85 -0.84 0.00	47.20 -0.92 0.00	48.20 -0.88 0.00	54.04 -0.93 0.00	57.77 -1.05 -0.43	70.40 -1.15 0.00	68.32 -1.11 0.00	64.38 -1.11 0.00	57.08 -0.99 0.00	53.00 -1.03 0.00	51.15 -0.94 0.00	48.96 -0.90 0.00
CARTHAGE___PAPER 23857	42.75 -0.09 0.00	40.59 -0.04 0.00	39.35 -0.08 0.00	39.34 -0.04 0.00	40.09 -0.12 0.00	42.82 -0.04 0.00	48.58 -0.39 0.00	55.19 0.00 0.00	51.25 -0.20 0.00	46.00 -0.42 0.00	49.28 -0.34 0.00	48.62 -0.39 0.00	46.08 -0.61 0.00	47.73 -0.39 0.00	48.64 -0.44 0.00	54.59 -0.38 0.00	58.25 -0.35 -0.21	71.69 0.14 0.00	69.50 0.07 0.00	65.69 0.20 0.00	58.35 0.29 0.00	54.63 0.60 0.00	52.56 0.47 0.00	50.30 0.45 0.00
CASSADAGA_WT_PWR 323784	38.12 -4.71 0.00	35.96 -4.67 0.00	34.94 -4.50 0.00	34.93 -4.45 0.00	35.87 -4.34 0.00	37.67 -5.19 0.00	42.51 -6.47 0.00	47.63 -7.56 0.00	44.56 -6.89 0.00	40.53 -5.90 0.00	42.68 -6.95 0.00	42.20 -6.81 0.00	40.29 -6.39 0.00	41.24 -6.88 0.00	42.46 -6.63 0.00	47.66 -7.31 0.00	50.37 -8.29 -0.28	62.67 -8.87 0.00	61.51 -7.92 0.00	58.29 -7.20 0.00	52.20 -5.86 0.00	48.30 -5.73 0.00	47.40 -4.69 0.00	45.66 -4.19 0.00
CE_DUNWOOD___DRP 24194	45.19 2.36 0.00	42.86 2.23 0.00	41.60 2.17 0.00	41.47 2.09 0.00	42.30 2.09 0.00	45.17 2.31 0.00	51.82 2.84 0.00	58.83 3.64 0.00	54.95 3.50 0.00	49.58 3.16 0.00	53.10 3.47 0.00	52.49 3.48 0.00	50.00 3.31 0.00	51.49 3.37 0.00	52.57 3.48 0.00	59.04 4.07 0.00	67.21 4.38 -4.45	76.92 5.37 0.00	74.64 5.21 0.00	70.28 4.78 0.00	62.19 4.12 0.00	57.81 3.78 0.00	55.47 3.39 0.00	52.94 3.09 0.00
CE_MILLWOOD___DRP 24193	45.10 2.27 0.00	42.78 2.15 0.00	41.52 2.09 0.00	41.39 2.01 0.00	42.22 2.01 0.00	45.09 2.23 0.00	51.72 2.74 0.00	58.67 3.48 0.00	54.85 3.40 0.00	49.49 3.06 0.00	53.00 3.37 0.00	52.34 3.33 0.00	49.91 3.22 0.00	51.34 3.22 0.00	52.42 3.34 0.00	58.88 3.90 0.00	67.02 4.20 -4.43	76.70 5.15 0.00	74.43 5.00 0.00	70.15 4.65 0.00	62.01 3.95 0.00	57.71 3.67 0.00	55.37 3.28 0.00	52.84 2.99 0.00
CE_NYC2_DRP 24202	45.67 2.83 -0.01	43.32 2.68 -0.01	42.08 2.64 -0.01	41.91 2.52 -0.01	42.75 2.53 -0.01	45.65 2.79 -0.01	52.36 3.38 0.00	59.44 4.25 0.00	55.52 4.06 0.00	50.09 3.67 0.00	53.64 4.02 0.00	52.98 3.97 0.00	60.39 3.73 -9.97	51.97 3.85 0.00	60.18 3.88 -7.22	60.04 4.62 -0.45	73.95 4.79 -10.77	84.12 5.80 -6.77	79.25 5.62 -4.19	70.88 5.37 -0.02	62.82 4.76 0.00	58.41 4.38 0.00	56.10 4.01 0.00	53.55 3.69 -0.01
CE_NYC_DRP 24195	45.40 2.57 0.00	43.06 2.44 0.00	41.80 2.37 0.00	41.66 2.28 0.00	42.50 2.29 0.00	45.39 2.53 0.00	52.16 3.18 0.00	59.27 4.08 0.00	55.47 4.01 0.00	50.04 3.62 0.00	53.54 3.92 0.00	52.93 3.92 0.00	60.25 3.78 -9.78	51.92 3.80 0.00	60.14 3.98 -7.08	59.98 4.56 -0.44	74.00 4.96 -10.65	84.28 6.08 -6.65	79.45 5.90 -4.11	70.88 5.37 -0.02	62.65 4.59 0.00	58.25 4.21 0.00	55.84 3.75 0.00	53.24 3.39 0.00
CHAFFEE___LFGE 323603	39.83 -3.00 0.00	37.62 -3.01 0.00	36.56 -2.88 0.00	36.51 -2.87 0.00	37.52 -2.69 0.00	39.35 -3.51 0.00	44.27 -4.70 0.00	49.62 -5.57 0.00	46.46 -4.99 0.00	42.38 -4.04 0.00	44.66 -4.96 0.00	44.21 -4.44 0.00	42.25 -4.44 0.00	43.31 -4.81 0.00	44.52 -4.56 0.00	49.81 -5.17 0.00	52.48 -6.19 -0.29	64.90 -6.65 0.00	63.46 -5.97 0.00	60.13 -5.37 0.00	53.71 -4.36 0.00	49.76 -4.27 0.00	48.75 -3.33 0.00	46.81 -3.04 0.00
CHATEAUG_35_KV_LOAD 355732	42.28 -0.56 0.00	40.22 -0.41 0.00	39.16 -0.28 0.00	39.14 -0.24 0.00	40.01 -0.20 0.00	42.60 -0.26 0.00	48.78 -0.20 0.00	55.08 -0.11 0.00	51.09 -0.36 0.00	45.82 -0.60 0.00	48.83 -0.79 0.00	48.08 -0.93 0.00	45.70 -0.98 0.00	47.06 -1.06 0.00	47.81 -1.28 0.00	53.49 -1.48 0.00	56.87 -1.52 0.00	69.69 -1.86 0.00	67.55 -1.87 0.00	63.86 -1.64 0.00	56.67 -1.39 0.00	52.90 -1.13 0.00	50.99 -1.09 0.00	48.80 -1.05 0.00
CHATEAUG_WT_PWR 323614	42.27 -0.56 0.00	40.22 -0.41 0.00	39.16 -0.27 0.00	39.15 -0.23 0.00	39.97 -0.24 0.00	42.56 -0.30 0.00	48.73 -0.24 0.00	54.97 -0.22 0.00	51.04 -0.41 0.00	45.82 -0.60 0.00	48.93 -0.69 0.00	48.18 -0.83 0.00	45.80 -0.89 0.00	47.16 -0.96 0.00	47.90 -1.18 0.00	53.55 -1.43 0.00	56.93 -1.46 0.00	69.69 -1.86 0.00	67.56 -1.87 0.00	63.79 -1.70 0.00	56.61 -1.45 0.00	52.84 -1.19 0.00	50.94 -1.15 0.00	48.75 -1.10 0.00
CHAT_HIGH_FALL_HYD 323578	42.28 -0.56 0.00	40.22 -0.41 0.00	39.16 -0.28 0.00	39.14 -0.24 0.00	40.01 -0.20 0.00	42.60 -0.26 0.00	48.78 -0.20 0.00	55.08 -0.11 0.00	51.09 -0.36 0.00	45.82 -0.60 0.00	48.83 -0.79 0.00	48.08 -0.93 0.00	45.70 -0.98 0.00	47.06 -1.06 0.00	47.81 -1.28 0.00	53.49 -1.48 0.00	56.87 -1.52 0.00	69.69 -1.86 0.00	67.55 -1.87 0.00	63.86 -1.64 0.00	56.67 -1.39 0.00	52.90 -1.13 0.00	50.99 -1.09 0.00	48.80 -1.05 0.00
CHAUTAUQUA___LFGE 323629	39.23 -3.60 0.00	37.01 -3.62 0.00	35.96 -3.47 0.00	35.95 -3.43 0.00	36.92 -3.30 0.00	38.79 -4.07 0.00	43.69 -5.29 0.00	49.01 -6.18 0.00	45.79 -5.66 0.00	41.69 -4.74 0.00	43.96 -5.66 0.00	43.47 -5.54 0.00	41.55 -5.14 0.00	42.59 -5.53 0.00	43.78 -5.30 0.00	49.09 -5.88 0.00	51.78 -6.89 -0.29	64.25 -7.30 0.00	62.90 -6.53 0.00	59.60 -5.89 0.00	53.24 -4.82 0.00	49.28 -4.76 0.00	48.23 -3.85 0.00	46.41 -3.44 0.00
CHERRYST_13_KV_LD 356241	45.49 2.66 0.00	43.19 2.56 0.00	41.92 2.48 0.00	41.74 2.36 0.00	42.62 2.41 0.00	45.52 2.66 0.00	52.31 3.33 0.00	59.44 4.25 0.00	55.62 4.17 0.00	50.18 3.76 0.00	53.74 4.12 0.00	53.08 4.07 0.00	60.43 3.97 -9.78	52.06 3.95 0.00	60.29 4.12 -7.08	60.15 4.73 -0.44	74.18 5.14 -10.65	84.49 6.30 -6.65	79.65 6.11 -4.11	71.08 5.57 -0.02	62.82 4.76 0.00	58.35 4.32 0.00	55.99 3.91 0.00	53.34 3.49 0.00

CHESTROR_138KV_BK263 355645	44.67 1.84 0.00	42.37 1.75 0.00	41.13 1.70 0.00	41.03 1.65 0.00	41.86 1.65 0.00	44.66 1.80 0.00	51.23 2.25 0.00	57.95 2.76 0.00	54.13 2.68 0.00	48.84 2.41 0.00	52.25 2.63 0.00	51.61 2.60 0.00	49.21 2.52 0.00	50.67 2.55 0.00	51.73 2.65 0.00	58.11 3.13 0.00	65.98 3.44 -4.15	75.77 4.22 0.00	73.46 4.03 0.00	69.23 3.73 0.00	61.31 3.25 0.00	57.06 3.03 0.00	54.74 2.66 0.00	52.29 2.44 0.00
CH_MIDHUDSON___DRP 24192	45.06 2.23 0.00	42.74 2.11 0.00	41.52 2.09 0.00	41.39 2.01 0.00	42.22 2.01 0.00	45.09 2.23 0.00	51.62 2.64 0.00	58.39 3.20 0.00	54.59 3.14 0.00	49.26 2.83 0.00	52.75 3.13 0.00	52.10 3.09 0.00	49.67 2.99 0.00	51.15 3.03 0.00	52.22 3.14 0.00	58.66 3.68 0.00	66.89 3.97 -4.53	76.34 4.79 0.00	74.08 4.65 0.00	69.82 4.32 0.00	61.78 3.72 0.00	57.60 3.57 0.00	55.27 3.18 0.00	52.79 2.94 0.00
CH_MISC_IPPS 23765	45.23 2.40 0.00	42.90 2.27 0.00	41.64 2.21 0.00	41.55 2.16 0.00	42.38 2.17 0.00	45.22 2.36 0.00	51.82 2.84 0.00	58.56 3.37 0.00	54.75 3.30 0.00	49.35 2.93 0.00	52.80 3.18 0.00	52.19 3.18 0.00	49.77 3.08 0.00	51.24 3.13 0.00	52.37 3.29 0.00	58.88 3.90 0.00	67.10 4.26 -4.45	76.77 5.22 0.00	74.36 4.93 0.00	70.15 4.65 0.00	62.07 4.00 0.00	57.92 3.89 0.00	55.53 3.44 0.00	53.04 3.19 0.00
CH_RES_BVR_FALLS 23983	42.79 -0.04 0.00	40.59 -0.04 0.00	39.39 -0.04 0.00	39.34 -0.04 0.00	40.17 -0.04 0.00	42.82 -0.04 0.00	48.93 -0.05 0.00	55.13 -0.06 0.00	51.40 -0.05 0.00	46.33 -0.09 0.00	49.52 -0.10 0.00	48.91 -0.10 0.00	46.59 -0.09 0.00	48.02 -0.10 0.00	48.99 -0.10 0.00	54.81 -0.16 0.00	58.21 -0.17 0.00	71.34 -0.21 0.00	69.22 -0.21 0.00	65.30 -0.20 0.00	57.95 -0.12 0.00	53.92 -0.11 0.00	51.98 -0.10 0.00	49.75 -0.10 0.00
CH_RES_NIAGARA 23895	38.76 -4.07 0.00	36.56 -4.06 0.00	35.45 -3.98 0.00	35.44 -3.94 0.00	36.43 -3.78 0.00	38.15 -4.71 0.00	42.66 -6.32 0.00	47.90 -7.28 0.00	44.76 -6.69 0.00	40.90 -5.52 0.00	43.32 -6.30 0.00	42.88 -6.13 0.00	41.04 -5.65 0.00	42.06 -6.06 0.00	43.19 -5.89 0.00	48.16 -6.82 0.00	50.63 -8.06 -0.30	62.46 -9.09 0.00	60.89 -8.54 0.00	57.77 -7.73 0.00	51.62 -6.44 0.00	48.03 -6.00 0.00	47.19 -4.90 0.00	45.27 -4.59 0.00
CH_RES_SYRACUSE 23985	42.32 -0.51 0.00	40.10 -0.53 0.00	38.88 -0.55 0.00	38.87 -0.51 0.00	39.69 -0.52 0.00	42.30 -0.56 0.00	48.39 -0.59 0.00	54.36 -0.83 0.00	50.73 -0.72 0.00	45.82 -0.60 0.00	48.93 -0.69 0.00	48.37 -0.64 0.00	46.13 -0.56 0.00	47.54 -0.54 0.00	48.54 -0.55 0.00	54.43 -0.64 0.00	58.29 -0.64 -0.55	70.97 -0.57 0.00	68.87 -0.56 0.00	64.91 -0.59 0.00	57.48 -0.58 0.00	53.39 -0.65 0.00	51.52 -0.57 0.00	49.26 -0.60 0.00
CLINTON_WT_PWR 323605	42.27 -0.56 0.00	40.22 -0.41 0.00	39.16 -0.27 0.00	39.15 -0.23 0.00	39.97 -0.24 0.00	42.56 -0.30 0.00	48.73 -0.24 0.00	54.97 -0.22 0.00	51.04 -0.41 0.00	45.82 -0.60 0.00	48.93 -0.69 0.00	48.18 -0.83 0.00	45.80 -0.89 0.00	47.16 -0.96 0.00	47.90 -1.18 0.00	53.55 -1.43 0.00	56.93 -1.46 0.00	69.69 -1.86 0.00	67.56 -1.87 0.00	63.79 -1.70 0.00	56.61 -1.45 0.00	52.84 -1.19 0.00	50.94 -1.15 0.00	48.75 -1.10 0.00
CLINTON___LFGE 323618	42.75 -0.09 0.00	40.67 0.04 0.00	39.59 0.16 0.00	39.62 0.24 0.00	40.45 0.24 0.00	43.12 0.26 0.00	49.42 0.44 0.00	55.85 0.66 0.00	51.76 0.31 0.00	46.38 -0.05 0.00	49.47 -0.15 0.00	48.77 -0.24 0.00	46.31 -0.38 0.00	47.64 -0.48 0.00	48.44 -0.64 0.00	54.15 -0.82 0.00	57.57 -0.82 0.00	70.62 -0.93 0.00	68.46 -0.97 0.00	64.71 -0.78 0.00	57.43 -0.64 0.00	53.60 -0.43 0.00	51.67 -0.42 0.00	49.45 -0.40 0.00
COBBLENY_34_KV_TB1 80064	39.83 -3.00 0.00	37.58 -3.05 0.00	36.48 -2.96 0.00	36.43 -2.95 0.00	37.52 -2.69 0.00	39.35 -3.51 0.00	44.23 -4.75 0.00	49.56 -5.63 0.00	46.36 -5.09 0.00	42.20 -4.22 0.00	44.61 -5.01 0.00	44.16 -4.85 0.00	42.25 -4.44 0.00	43.26 -4.86 0.00	44.52 -4.56 0.00	49.75 -5.22 0.00	52.48 -6.19 -0.29	64.90 -6.65 0.00	63.46 -5.97 0.00	60.13 -5.37 0.00	53.71 -4.35 0.00	49.76 -4.27 0.00	48.75 -3.33 0.00	46.81 -3.04 0.00
COFFEEN___115KV_TB3 355620	43.00 0.17 0.00	40.79 0.16 0.00	39.51 0.08 0.00	39.50 0.12 0.00	40.25 0.04 0.00	42.99 0.13 0.00	48.78 -0.20 0.00	55.46 0.28 0.00	51.51 0.05 0.00	46.24 -0.19 0.00	49.47 -0.15 0.00	48.76 -0.25 0.00	46.22 -0.47 0.00	47.93 -0.19 0.00	48.89 -0.20 0.00	54.98 0.00 0.00	58.92 0.29 -0.24	72.62 1.07 0.00	70.33 0.90 0.00	66.61 1.11 0.00	59.17 1.10 0.00	55.17 1.13 0.00	53.08 0.99 0.00	50.80 0.95 0.00
COLDSPRG_115KV_BK1 355956	39.58 -3.26 0.00	37.34 -3.29 0.00	36.24 -3.19 0.00	36.31 -3.07 0.00	37.36 -2.86 0.00	39.26 -3.60 0.00	44.32 -4.65 0.00	49.61 -5.57 0.00	46.36 -5.09 0.00	42.11 -4.32 0.00	44.41 -5.21 0.00	43.91 -5.10 0.00	42.02 -4.67 0.00	43.02 -5.10 0.00	44.27 -4.81 0.00	49.64 -5.33 0.00	52.46 -6.19 -0.27	65.18 -6.37 0.00	63.94 -5.48 0.00	60.52 -4.98 0.00	54.06 -4.01 0.00	49.98 -4.05 0.00	48.81 -3.28 0.00	47.06 -2.79 0.00
COLONIE_LFGE___ 323577	44.80 1.97 0.00	42.54 1.91 0.00	41.25 1.81 0.00	41.15 1.77 0.00	42.02 1.81 0.00	44.87 2.01 0.00	51.23 2.25 0.00	57.84 2.65 0.00	53.97 2.52 0.00	48.74 2.32 0.00	52.20 2.58 0.00	51.56 2.55 0.00	49.11 2.43 0.00	50.62 2.50 0.00	51.68 2.60 0.00	57.89 2.91 0.00	66.99 3.09 -5.51	75.20 3.65 0.00	73.04 3.61 0.00	68.83 3.34 0.00	61.02 2.96 0.00	56.79 2.75 0.00	54.69 2.60 0.00	52.29 2.44 0.00
COOPERNY_115KV_TB1 80082	44.16 1.33 0.00	41.89 1.26 0.00	40.66 1.22 0.00	40.56 1.18 0.00	41.38 1.17 0.00	44.15 1.29 0.00	50.59 1.62 0.00	57.23 2.04 0.00	53.41 1.96 0.00	48.23 1.81 0.00	51.56 1.94 0.00	50.92 1.91 0.00	48.55 1.87 0.00	50.04 1.92 0.00	51.05 1.96 0.00	57.28 2.31 0.00	64.34 2.57 -3.38	74.70 3.15 0.00	72.41 2.99 0.00	68.31 2.82 0.00	60.50 2.44 0.00	56.25 2.22 0.00	54.07 1.98 0.00	51.70 1.84 0.00
COPENHAGEN_WT_PWR 323753	42.75 -0.09 0.00	40.54 -0.08 0.00	39.28 -0.16 0.00	39.26 -0.12 0.00	40.01 -0.20 0.00	42.73 -0.13 0.00	48.49 -0.49 0.00	55.08 -0.11 0.00	51.15 -0.31 0.00	46.00 -0.42 0.00	49.22 -0.40 0.00	48.57 -0.44 0.00	46.03 -0.65 0.00	47.73 -0.39 0.00	48.64 -0.44 0.00	54.65 -0.33 0.00	58.46 -0.17 -0.25	71.91 0.36 0.00	69.71 0.28 0.00	65.89 0.40 0.00	58.53 0.46 0.00	54.57 0.54 0.00	52.56 0.47 0.00	50.30 0.45 0.00
CORNELL_____ 23752	43.00 0.17 0.00	40.71 0.08 0.00	39.43 0.00 0.00	39.46 0.08 0.00	40.29 0.08 0.00	42.95 0.09 0.00	49.12 0.15 0.00	55.46 0.28 0.00	51.66 0.21 0.00	46.52 0.09 0.00	49.52 -0.10 0.00	48.96 -0.05 0.00	46.69 0.00 0.00	48.12 0.00 0.00	49.23 0.15 0.00	55.30 0.33 0.00	61.74 0.47 -2.89	72.62 1.07 0.00	70.61 1.18 0.00	66.54 1.05 0.00	58.93 0.87 0.00	54.63 0.59 0.00	52.71 0.63 0.00	50.40 0.55 0.00

CORONA__69_KV_TB1 355595	45.98 3.13 -0.02	43.65 3.01 -0.02	42.37 2.92 -0.02	42.31 2.91 -0.02	43.12 2.90 -0.02	45.96 3.09 -0.02	58.44 3.62 -5.84	71.53 4.47 -11.87	55.84 4.32 -0.07	50.43 3.99 -0.02	54.01 4.17 -0.22	53.19 4.17 -0.02	51.85 3.97 -1.19	71.92 3.99 -19.80	80.48 4.17 -27.23	84.18 5.00 -24.20	115.48 5.37 -51.72	114.13 6.44 -36.14	114.78 6.32 -39.03	114.09 5.89 -42.70	112.17 5.17 -48.94	94.36 4.75 -35.57	78.92 4.22 -22.61	72.14 3.84 -18.45
CORTLAND__115KV_TB3 80093	42.79 -0.04 0.00	40.54 -0.08 0.00	39.28 -0.16 0.00	39.26 -0.12 0.00	40.13 -0.08 0.00	42.77 -0.09 0.00	48.88 -0.10 0.00	55.13 -0.06 0.00	51.40 -0.05 0.00	46.33 -0.09 0.00	49.42 -0.20 0.00	48.86 -0.15 0.00	46.54 -0.14 0.00	48.02 -0.10 0.00	49.08 0.00 0.00	55.09 0.11 0.00	59.85 0.12 -1.35	71.98 0.43 0.00	69.92 0.49 0.00	65.95 0.46 0.00	58.41 0.35 0.00	54.19 0.16 0.00	52.30 0.21 0.00	50.00 0.15 0.00
COXSACKIE__GT 23611	45.66 2.83 0.00	43.31 2.68 0.00	42.08 2.64 0.00	42.02 2.64 0.00	42.82 2.61 0.00	45.69 2.83 0.00	52.16 3.18 0.00	58.33 3.14 0.00	54.49 3.04 0.00	48.84 2.41 0.00	51.96 2.33 0.00	51.22 2.21 0.00	48.79 2.10 0.00	50.38 2.26 0.00	51.59 2.50 0.00	58.22 3.24 0.00	66.93 3.33 -5.22	76.48 4.93 0.00	74.08 4.65 0.00	69.88 4.39 0.00	62.01 3.95 0.00	58.19 4.16 0.00	55.89 3.80 0.00	53.54 3.69 0.00
CPV_VALLEY__CC1 323721	44.42 1.59 0.00	42.13 1.50 0.00	40.89 1.46 0.00	40.80 1.42 0.00	41.62 1.41 0.00	44.45 1.59 0.00	50.94 1.96 0.00	57.61 2.43 0.00	53.82 2.37 0.00	48.56 2.14 0.00	51.96 2.33 0.00	51.31 2.30 0.00	48.97 2.29 0.00	50.43 2.31 0.00	51.49 2.40 0.00	57.72 2.75 0.00	65.29 3.03 -3.87	75.27 3.72 0.00	73.04 3.61 0.00	68.83 3.34 0.00	60.91 2.84 0.00	56.68 2.65 0.00	54.43 2.35 0.00	51.99 2.14 0.00
CPV_VALLEY__CC2 323722	44.42 1.59 0.00	42.13 1.50 0.00	40.89 1.46 0.00	40.80 1.42 0.00	41.62 1.41 0.00	44.45 1.59 0.00	50.94 1.96 0.00	57.61 2.43 0.00	53.82 2.37 0.00	48.56 2.14 0.00	51.96 2.33 0.00	51.31 2.30 0.00	48.97 2.29 0.00	50.43 2.31 0.00	51.49 2.40 0.00	57.72 2.75 0.00	65.29 3.03 -3.87	75.27 3.72 0.00	73.04 3.61 0.00	68.83 3.34 0.00	60.91 2.84 0.00	56.68 2.65 0.00	54.43 2.35 0.00	51.99 2.14 0.00
CRESCENT__HYD 24018	44.80 1.97 0.00	42.54 1.91 0.00	41.25 1.81 0.00	41.15 1.77 0.00	42.02 1.81 0.00	44.87 2.01 0.00	51.23 2.25 0.00	57.84 2.65 0.00	53.97 2.52 0.00	48.74 2.32 0.00	52.20 2.58 0.00	51.56 2.55 0.00	49.11 2.43 0.00	50.62 2.50 0.00	51.68 2.60 0.00	57.89 2.91 0.00	66.99 3.09 -5.51	75.20 3.65 0.00	73.04 3.61 0.00	68.83 3.34 0.00	61.02 2.96 0.00	56.79 2.75 0.00	54.69 2.60 0.00	52.29 2.44 0.00
CRICKET__VALLEY_CC1 323756	44.80 1.97 0.00	42.50 1.87 0.00	41.25 1.81 0.00	41.15 1.77 0.00	41.98 1.77 0.00	44.83 1.97 0.00	51.23 2.25 0.00	58.00 2.81 0.00	54.18 2.73 0.00	48.98 2.55 0.00	52.50 2.88 0.00	51.85 2.84 0.00	49.44 2.75 0.00	50.91 2.79 0.00	51.98 2.90 0.00	58.22 3.24 0.00	66.51 3.44 -4.68	75.55 4.00 0.00	73.38 3.96 0.00	69.23 3.73 0.00	61.25 3.19 0.00	57.11 3.08 0.00	54.90 2.81 0.00	52.39 2.54 0.00
CRICKET__VALLEY_CC2 323757	44.80 1.97 0.00	42.50 1.87 0.00	41.25 1.81 0.00	41.15 1.77 0.00	41.98 1.77 0.00	44.83 1.97 0.00	51.23 2.25 0.00	58.00 2.81 0.00	54.18 2.73 0.00	48.98 2.55 0.00	52.50 2.88 0.00	51.85 2.84 0.00	49.44 2.75 0.00	50.91 2.79 0.00	51.98 2.90 0.00	58.22 3.24 0.00	66.51 3.44 -4.68	75.55 4.00 0.00	73.38 3.96 0.00	69.23 3.73 0.00	61.25 3.19 0.00	57.11 3.08 0.00	54.90 2.81 0.00	52.39 2.54 0.00
CRICKET__VALLEY_CC3 323758	44.80 1.97 0.00	42.50 1.87 0.00	41.25 1.81 0.00	41.15 1.77 0.00	41.98 1.77 0.00	44.83 1.97 0.00	51.23 2.25 0.00	58.00 2.81 0.00	54.18 2.73 0.00	48.98 2.55 0.00	52.50 2.88 0.00	51.85 2.84 0.00	49.44 2.75 0.00	50.91 2.79 0.00	51.98 2.90 0.00	58.22 3.24 0.00	66.51 3.44 -4.68	75.55 4.00 0.00	73.38 3.96 0.00	69.23 3.73 0.00	61.25 3.19 0.00	57.11 3.08 0.00	54.90 2.81 0.00	52.39 2.54 0.00
CRUCIBLE__METL_DRP 24180	42.32 -0.51 0.00	40.10 -0.53 0.00	38.88 -0.55 0.00	38.87 -0.51 0.00	39.69 -0.52 0.00	42.30 -0.56 0.00	48.39 -0.59 0.00	54.36 -0.83 0.00	50.73 -0.72 0.00	45.77 -0.65 0.00	48.93 -0.69 0.00	48.37 -0.64 0.00	46.12 -0.56 0.00	47.54 -0.58 0.00	48.54 -0.54 0.00	54.43 -0.55 0.00	58.29 -0.64 -0.55	70.98 -0.57 0.00	68.87 -0.56 0.00	64.91 -0.59 0.00	57.48 -0.58 0.00	53.33 -0.70 0.00	51.52 -0.57 0.00	49.25 -0.60 0.00
DAHOWA__HYDRO 323763	45.58 2.74 0.00	43.27 2.64 0.00	41.96 2.53 0.00	41.90 2.52 0.00	42.71 2.49 0.00	45.69 2.83 0.00	52.11 3.14 0.00	58.89 3.70 0.00	54.95 3.50 0.00	49.58 3.16 0.00	53.04 3.42 0.00	52.24 3.23 0.00	49.68 2.99 0.00	51.24 3.13 0.00	52.42 3.34 0.00	58.88 3.90 0.00	68.13 4.15 -5.60	76.56 5.01 0.00	74.43 5.00 0.00	70.08 4.58 0.00	62.19 4.12 0.00	57.81 3.78 0.00	55.68 3.59 0.00	53.29 3.44 0.00
DANC__LFGE 323619	42.36 -0.47 0.00	40.14 -0.49 0.00	38.92 -0.51 0.00	38.91 -0.47 0.00	39.69 -0.52 0.00	42.30 -0.56 0.00	48.14 -0.83 0.00	54.42 -0.77 0.00	50.63 -0.83 0.00	45.54 -0.88 0.00	48.73 -0.89 0.00	48.18 -0.83 0.00	45.75 -0.93 0.00	47.30 -0.82 0.00	48.25 -0.83 0.00	54.15 -0.82 0.00	57.86 -0.82 -0.29	70.97 -0.57 0.00	68.87 -0.56 0.00	65.04 -0.46 0.00	57.72 -0.35 0.00	53.71 -0.32 0.00	51.83 -0.26 0.00	49.60 -0.25 0.00
DANSKAMMER__1 23586	45.23 2.40 0.00	42.90 2.27 0.00	41.64 2.21 0.00	41.55 2.16 0.00	42.38 2.17 0.00	45.22 2.36 0.00	51.82 2.84 0.00	58.56 3.37 0.00	54.75 3.30 0.00	49.35 2.93 0.00	52.80 3.18 0.00	52.19 3.18 0.00	49.77 3.08 0.00	51.24 3.13 0.00	52.37 3.29 0.00	58.88 3.90 0.00	67.10 4.26 -4.45	76.77 5.22 0.00	74.36 4.93 0.00	70.15 4.65 0.00	62.07 4.00 0.00	57.92 3.89 0.00	55.53 3.44 0.00	53.04 3.19 0.00
DANSKAMMER__2 23589	45.23 2.40 0.00	42.90 2.27 0.00	41.64 2.21 0.00	41.55 2.16 0.00	42.38 2.17 0.00	45.22 2.36 0.00	51.82 2.84 0.00	58.56 3.37 0.00	54.75 3.30 0.00	49.35 2.93 0.00	52.80 3.18 0.00	52.19 3.18 0.00	49.77 3.08 0.00	51.24 3.13 0.00	52.37 3.29 0.00	58.88 3.90 0.00	67.10 4.26 -4.45	76.77 5.22 0.00	74.36 4.93 0.00	70.15 4.65 0.00	62.07 4.00 0.00	57.92 3.89 0.00	55.53 3.44 0.00	53.04 3.19 0.00
DANSKAMMER__3 23590	45.23 2.40 0.00	42.90 2.27 0.00	41.64 2.21 0.00	41.55 2.16 0.00	42.38 2.17 0.00	45.22 2.36 0.00	51.82 2.84 0.00	58.56 3.37 0.00	54.75 3.30 0.00	49.35 2.93 0.00	52.80 3.18 0.00	52.19 3.18 0.00	49.77 3.08 0.00	51.24 3.13 0.00	52.37 3.29 0.00	58.88 3.90 0.00	67.10 4.26 -4.45	76.77 5.22 0.00	74.36 4.93 0.00	70.15 4.65 0.00	62.07 4.00 0.00	57.92 3.89 0.00	55.53 3.44 0.00	53.04 3.19 0.00

DANSKAMMER___4 23591	45.23 2.40 0.00	42.90 2.27 0.00	41.64 2.21 0.00	41.55 2.16 0.00	42.38 2.17 0.00	45.22 2.36 0.00	51.82 2.84 0.00	58.56 3.37 0.00	54.75 3.30 0.00	49.35 2.93 0.00	52.80 3.18 0.00	52.19 3.18 0.00	49.77 3.08 0.00	51.24 3.13 0.00	52.37 3.29 0.00	58.88 3.90 0.00	67.10 4.26 -4.45	76.77 5.22 0.00	74.36 4.93 0.00	70.15 4.65 0.00	62.07 4.00 0.00	57.92 3.89 0.00	55.53 3.44 0.00	53.04 3.19 0.00
DANSKAMMER___DIESEL 23592	45.23 2.40 0.00	42.90 2.28 0.00	41.68 2.25 0.00	41.55 2.17 0.00	42.38 2.17 0.00	45.22 2.36 0.00	51.82 2.84 0.00	58.55 3.37 0.00	54.80 3.34 0.00	49.39 2.97 0.00	52.85 3.23 0.00	52.20 3.19 0.00	49.77 3.08 0.00	51.25 3.13 0.00	52.37 3.29 0.00	58.88 3.90 0.00	67.10 4.26 -4.45	76.77 5.22 0.00	74.36 4.93 0.00	70.15 4.65 0.00	62.07 4.01 0.00	57.92 3.89 0.00	55.53 3.44 0.00	53.04 3.19 0.00
DARBY___SOLAR 323810	45.36 2.53 0.00	43.10 2.48 0.00	41.76 2.33 0.00	41.70 2.32 0.00	42.54 2.33 0.00	45.47 2.61 0.00	51.86 2.89 0.00	58.61 3.42 0.00	54.65 3.19 0.00	49.30 2.88 0.00	52.75 3.13 0.00	52.05 3.04 0.00	49.49 2.80 0.00	51.05 2.94 0.00	52.18 3.09 0.00	58.60 3.63 0.00	67.83 3.85 -5.59	76.20 4.65 0.00	74.08 4.65 0.00	69.75 4.25 0.00	61.89 3.83 0.00	57.54 3.51 0.00	55.42 3.34 0.00	53.04 3.19 0.00
DASHVILLE___HYD 23610	44.89 2.06 0.00	42.54 1.91 0.00	41.33 1.89 0.00	41.23 1.85 0.00	42.06 1.85 0.00	44.83 1.97 0.00	51.33 2.35 0.00	57.95 2.76 0.00	54.18 2.73 0.00	48.79 2.37 0.00	52.15 2.53 0.00	51.51 2.50 0.00	49.11 2.43 0.00	50.62 2.50 0.00	51.68 2.60 0.00	58.11 3.13 0.00	65.95 2.98 -4.59	75.91 4.36 0.00	73.53 4.10 0.00	69.36 3.86 0.00	61.37 3.31 0.00	57.27 3.24 0.00	54.95 2.86 0.00	52.59 2.74 0.00
DELAWARE___LFGE 323621	43.69 0.86 0.00	41.40 0.77 0.00	40.18 0.75 0.00	40.13 0.75 0.00	40.94 0.72 0.00	43.67 0.81 0.00	49.91 0.93 0.00	56.46 1.27 0.00	52.69 1.23 0.00	47.58 1.16 0.00	50.86 1.24 0.00	50.24 1.23 0.00	47.81 1.12 0.00	49.37 1.25 0.00	50.46 1.37 0.00	56.57 1.59 0.00	62.11 1.75 -1.97	73.70 2.15 0.00	71.44 2.01 0.00	67.46 1.96 0.00	59.80 1.74 0.00	55.54 1.51 0.00	53.44 1.35 0.00	51.15 1.30 0.00
DERFIELD_115KV_TB7 355931	43.09 0.26 0.00	40.87 0.24 0.00	39.63 0.20 0.00	39.58 0.20 0.00	40.41 0.20 0.00	43.07 0.21 0.00	49.17 0.20 0.00	55.46 0.28 0.00	51.71 0.26 0.00	46.70 0.28 0.00	49.92 0.30 0.00	49.30 0.29 0.00	46.97 0.28 0.00	48.41 0.29 0.00	49.43 0.34 0.00	55.36 0.38 0.00	58.80 0.41 0.00	71.98 0.43 0.00	69.85 0.42 0.00	65.89 0.39 0.00	58.41 0.35 0.00	54.36 0.32 0.00	52.40 0.31 0.00	50.15 0.30 0.00
DOGLEVILLE___HYD 23807	45.70 2.87 0.00	43.35 2.72 0.00	42.00 2.56 0.00	41.94 2.56 0.00	42.87 2.65 0.00	45.69 2.83 0.00	52.11 3.13 0.00	58.78 3.59 0.00	54.75 3.29 0.00	49.39 2.97 0.00	52.75 3.13 0.00	52.05 3.04 0.00	49.49 2.80 0.00	51.05 2.94 0.00	52.08 2.99 0.00	58.38 3.41 0.00	62.01 3.62 0.00	75.99 4.44 0.00	73.80 4.37 0.00	69.69 4.19 0.00	61.84 3.77 0.00	57.54 3.51 0.00	55.53 3.44 0.00	53.19 3.34 0.00
DUNKIRK___115KV_TB_200 55889	39.36 -3.47 0.00	37.13 -3.49 0.00	36.00 -3.43 0.00	35.99 -3.39 0.00	37.04 -3.18 0.00	38.87 -3.99 0.00	43.78 -5.19 0.00	49.12 -6.07 0.00	45.85 -5.61 0.00	41.69 -4.74 0.00	44.07 -5.56 0.00	43.57 -5.44 0.00	41.74 -4.95 0.00	42.73 -5.39 0.00	43.93 -5.15 0.00	49.20 -5.77 0.00	51.96 -6.71 -0.29	64.47 -7.08 0.00	63.11 -6.32 0.00	59.73 -5.76 0.00	53.36 -4.70 0.00	49.39 -4.65 0.00	48.34 -3.75 0.00	46.51 -3.34 0.00
DUNKIRK___1 23563	39.36 -3.47 0.00	37.13 -3.49 0.00	36.00 -3.43 0.00	35.99 -3.39 0.00	37.04 -3.18 0.00	38.87 -3.99 0.00	43.78 -5.19 0.00	49.12 -6.07 0.00	45.85 -5.61 0.00	41.69 -4.74 0.00	44.07 -5.56 0.00	43.57 -5.44 0.00	41.74 -4.95 0.00	42.73 -5.39 0.00	43.93 -5.15 0.00	49.20 -5.77 0.00	51.96 -6.71 -0.29	64.47 -7.08 0.00	63.11 -6.32 0.00	59.73 -5.76 0.00	53.36 -4.70 0.00	49.39 -4.65 0.00	48.34 -3.75 0.00	46.51 -3.34 0.00
DUNKIRK___2 23564	39.36 -3.47 0.00	37.13 -3.49 0.00	36.00 -3.43 0.00	35.99 -3.39 0.00	37.04 -3.18 0.00	38.87 -3.99 0.00	43.78 -5.19 0.00	49.12 -6.07 0.00	45.85 -5.61 0.00	41.69 -4.74 0.00	44.07 -5.56 0.00	43.57 -5.44 0.00	41.74 -4.95 0.00	42.73 -5.39 0.00	43.93 -5.15 0.00	49.20 -5.77 0.00	51.96 -6.71 -0.29	64.47 -7.08 0.00	63.11 -6.32 0.00	59.73 -5.76 0.00	53.36 -4.70 0.00	49.39 -4.65 0.00	48.34 -3.75 0.00	46.51 -3.34 0.00
DUNKIRK___3 23565	39.49 -3.34 0.00	37.25 -3.37 0.00	36.16 -3.27 0.00	36.11 -3.27 0.00	37.16 -3.06 0.00	39.05 -3.81 0.00	43.93 -5.04 0.00	49.28 -5.91 0.00	46.00 -5.45 0.00	41.83 -4.60 0.00	44.26 -5.36 0.00	43.77 -5.24 0.00	41.88 -4.81 0.00	42.92 -5.20 0.00	44.13 -4.96 0.00	49.42 -5.55 0.00	52.14 -6.54 -0.29	64.61 -6.94 0.00	63.18 -6.25 0.00	59.86 -5.63 0.00	53.42 -4.65 0.00	49.49 -4.54 0.00	48.39 -3.70 0.00	46.56 -3.29 0.00
DUNKIRK___4 23566	39.49 -3.34 0.00	37.25 -3.37 0.00	36.16 -3.27 0.00	36.11 -3.27 0.00	37.16 -3.06 0.00	39.05 -3.81 0.00	43.93 -5.04 0.00	49.28 -5.91 0.00	46.00 -5.45 0.00	41.83 -4.60 0.00	44.26 -5.36 0.00	43.77 -5.24 0.00	41.88 -4.81 0.00	42.92 -5.20 0.00	44.13 -4.96 0.00	49.42 -5.55 0.00	52.14 -6.54 -0.29	64.61 -6.94 0.00	63.18 -6.25 0.00	59.86 -5.63 0.00	53.42 -4.65 0.00	49.49 -4.54 0.00	48.39 -3.70 0.00	46.56 -3.29 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	45.23 2.40 0.00	42.90 2.28 0.00	41.68 2.25 0.00	41.55 2.17 0.00	42.34 2.13 0.00	45.22 2.36 0.00	51.96 2.99 0.00	59.00 3.81 0.00	55.16 3.70 0.00	49.77 3.34 0.00	53.30 3.67 0.00	52.64 3.63 0.00	50.19 3.50 0.00	51.63 3.51 0.00	52.76 3.68 0.00	59.21 4.23 0.00	67.46 4.61 -4.46	77.13 5.58 0.00	74.91 5.48 0.00	70.54 5.04 0.00	62.36 4.30 0.00	57.98 3.94 0.00	55.58 3.49 0.00	53.04 3.19 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	44.93 2.10 0.00	42.62 1.99 0.00	41.37 1.93 0.00	41.27 1.89 0.00	42.10 1.89 0.00	44.92 2.06 0.00	51.52 2.55 0.00	58.28 3.09 0.00	54.44 2.98 0.00	49.12 2.69 0.00	52.50 2.88 0.00	51.90 2.89 0.00	49.49 2.80 0.00	50.96 2.84 0.00	52.03 2.94 0.00	58.49 3.52 0.00	66.50 3.80 -4.32	76.27 4.72 0.00	73.94 4.51 0.00	69.69 4.19 0.00	61.66 3.60 0.00	57.49 3.46 0.00	55.11 3.02 0.00	52.64 2.79 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	45.62 2.78 -0.01	43.36 2.72 -0.01	42.08 2.64 -0.01	41.95 2.56 -0.01	42.83 2.61 -0.01	45.61 2.74 -0.01	52.16 3.18 0.00	59.22 4.03 0.00	55.30 3.86 0.02	49.89 3.48 0.02	53.43 3.82 0.02	52.77 3.77 0.02	50.25 3.55 -0.02	51.76 3.66 0.02	52.78 3.68 -0.01	59.38 4.40 -0.01	67.42 4.55 -4.48	77.00 5.44 -0.01	74.73 5.28 -0.02	70.62 5.11 -0.02	62.59 4.53 0.00	58.19 4.16 0.00	55.89 3.80 0.00	53.35 3.49 -0.01

E179THST_13_KV_LOAD 356214	45.80 2.96 -0.01	43.52 2.88 -0.01	42.24 2.80 -0.01	42.11 2.72 -0.01	42.95 2.73 -0.01	45.78 2.91 -0.01	52.36 3.38 0.00	59.44 4.25 0.00	55.50 4.06 0.02	50.07 3.67 0.02	53.63 4.02 0.02	53.01 4.02 0.02	50.44 3.73 -0.02	52.00 3.90 0.02	53.02 3.93 -0.01	59.60 4.62 -0.01	67.66 4.79 -4.48	77.36 5.80 -0.01	75.07 5.62 -0.02	70.95 5.44 -0.02	62.88 4.82 0.00	58.46 4.43 0.00	56.15 4.06 0.00	53.60 3.74 -0.01
EAST HAMPTON___GT 23717	46.09 3.25 -0.01	43.84 3.21 -0.01	42.63 3.19 -0.01	42.42 3.03 -0.01	43.36 3.14 -0.01	46.17 3.30 -0.01	55.56 3.48 -3.10	65.86 4.36 -6.31	55.50 4.02 -0.03	50.01 3.57 -0.01	53.66 3.92 -0.12	52.74 3.72 -0.01	51.10 3.78 -0.64	62.50 3.85 -10.53	67.68 4.12 -14.48	73.07 5.23 -12.87	93.81 5.84 -29.59	98.03 7.22 -19.25	97.37 7.15 -20.79	94.85 6.61 -22.74	89.66 5.57 -26.02	78.24 5.30 -18.91	68.33 4.22 -12.02	64.05 4.39 -9.81
EAST RIVER___6 23660	45.32 2.48 0.00	42.98 2.36 0.00	41.68 2.25 0.00	41.55 2.16 0.00	42.42 2.21 0.00	45.30 2.44 0.00	52.06 3.09 0.00	59.22 4.03 -0.01	55.42 3.96 -0.01	50.01 3.57 -0.01	53.55 3.92 -0.01	52.94 3.92 -0.01	60.29 3.83 -9.78	51.98 3.85 -0.01	60.14 3.97 -7.08	59.98 4.56 -0.44	74.06 5.02 -10.65	84.35 6.15 -6.65	79.52 5.97 -4.11	70.88 5.37 -0.02	62.66 4.59 -0.01	58.20 4.16 -0.01	55.80 3.70 -0.01	53.14 3.29 0.00
EAST RIVER___7 23524	45.32 2.48 0.00	42.98 2.36 0.00	41.68 2.25 0.00	41.55 2.16 0.00	42.42 2.21 0.00	45.30 2.44 0.00	52.06 3.09 0.00	59.22 4.03 -0.01	55.42 3.96 -0.01	50.01 3.57 -0.01	53.55 3.92 -0.01	52.94 3.92 -0.01	60.29 3.83 -9.78	51.98 3.85 -0.01	60.14 3.97 -7.08	59.98 4.56 -0.44	74.06 5.02 -10.65	84.35 6.15 -6.65	79.52 5.97 -4.11	70.88 5.37 -0.02	62.66 4.59 -0.01	58.20 4.16 -0.01	55.80 3.70 -0.01	53.14 3.29 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	45.19 2.36 0.00	42.86 2.23 0.00	41.60 2.17 0.00	41.47 2.09 0.00	42.30 2.09 0.00	45.17 2.31 0.00	51.82 2.84 0.00	58.83 3.64 0.00	54.95 3.50 0.00	49.58 3.16 0.00	53.10 3.47 0.00	52.49 3.48 0.00	50.00 3.31 0.00	51.49 3.37 0.00	52.57 3.48 0.00	59.04 4.07 0.00	67.21 4.38 -4.45	76.92 5.37 0.00	74.64 5.21 0.00	70.28 4.78 0.00	62.19 4.12 0.00	57.81 3.78 0.00	55.47 3.39 0.00	52.94 3.09 0.00
EAST_HAMPTON___DIESEL 23722	46.01 3.17 -0.01	43.72 3.09 -0.01	42.56 3.11 -0.01	42.34 2.96 -0.01	43.28 3.05 -0.01	46.09 3.22 -0.01	55.41 3.33 -3.10	65.69 4.19 -6.31	55.35 3.86 -0.03	49.87 3.44 -0.01	53.56 3.82 -0.12	52.65 3.63 -0.01	50.96 3.64 -0.64	62.35 3.71 -10.53	67.53 3.97 -14.48	72.96 5.11 -12.87	93.63 5.66 -29.59	97.89 7.08 -19.25	97.16 6.94 -20.79	94.66 6.42 -22.74	89.48 5.40 -26.02	78.08 5.14 -18.91	68.18 4.07 -12.02	63.95 4.29 -9.81
EAST_POINT___SOLAR 323840	43.69 0.86 0.00	41.52 0.89 0.00	40.18 0.75 0.00	40.17 0.79 0.00	40.97 0.76 0.00	43.97 1.11 0.00	50.25 1.27 0.00	56.84 1.65 0.00	52.43 0.98 0.00	46.66 0.23 0.00	49.77 0.15 0.00	48.96 -0.05 0.00	46.45 -0.23 0.00	48.31 0.19 0.00	49.72 0.64 0.00	56.46 1.48 0.00	66.54 1.92 -6.23	74.05 2.50 0.00	72.07 2.64 0.00	67.79 2.29 0.00	60.04 1.98 0.00	55.65 1.62 0.00	53.80 1.72 0.00	51.45 1.59 0.00
EAST_PULASKI___ESR 323781	42.06 -0.77 0.00	39.85 -0.77 0.00	38.64 -0.79 0.00	38.63 -0.75 0.00	39.45 -0.77 0.00	42.00 -0.86 0.00	47.90 -1.08 0.00	53.92 -1.27 0.00	50.22 -1.24 0.00	45.26 -1.16 0.00	48.38 -1.24 0.00	47.88 -1.13 0.00	45.56 -1.12 0.00	47.01 -1.10 0.00	48.00 -1.08 0.00	53.77 -1.21 0.00	57.44 -1.28 -0.34	70.26 -1.29 0.00	68.25 -1.18 0.00	64.38 -1.11 0.00	57.02 -1.04 0.00	53.00 -1.03 0.00	51.20 -0.89 0.00	49.00 -0.85 0.00
EAST_RIVER___1 323558	45.40 2.57 0.00	43.06 2.44 0.00	41.80 2.37 0.00	41.62 2.24 0.00	42.50 2.29 0.00	45.39 2.53 0.00	52.16 3.18 0.00	59.28 4.08 -0.01	55.42 3.96 -0.01	50.01 3.57 -0.01	53.55 3.92 -0.01	52.89 3.87 -0.01	60.24 3.78 -9.78	51.93 3.80 -0.01	60.14 3.97 -7.08	59.93 4.51 -0.44	74.00 4.96 -10.65	84.27 6.08 -6.65	79.44 5.90 -4.11	70.88 5.37 -0.02	62.66 4.59 -0.01	58.26 4.22 -0.01	55.85 3.75 -0.01	53.24 3.39 0.00
EAST_RIVER___2 323559	45.32 2.48 0.00	42.98 2.36 0.00	41.68 2.25 0.00	41.55 2.16 0.00	42.42 2.21 0.00	45.30 2.44 0.00	52.06 3.09 0.00	59.22 4.03 -0.01	55.42 3.96 -0.01	50.01 3.57 -0.01	53.55 3.92 -0.01	52.94 3.92 -0.01	60.29 3.83 -9.78	51.98 3.85 -0.01	60.14 3.97 -7.08	59.98 4.56 -0.44	74.06 5.02 -10.65	84.35 6.15 -6.65	79.52 5.97 -4.11	70.88 5.37 -0.02	62.66 4.59 -0.01	58.20 4.16 -0.01	55.80 3.70 -0.01	53.14 3.29 0.00
EAST___DELAWARE_HYD 23607	45.19 2.35 0.00	42.82 2.19 0.00	41.60 2.17 0.00	41.51 2.13 0.00	42.34 2.13 0.00	45.17 2.31 0.00	51.72 2.74 0.00	58.39 3.20 0.00	54.59 3.14 0.00	49.16 2.74 0.00	52.50 2.88 0.00	51.85 2.84 0.00	49.44 2.75 0.00	50.96 2.84 0.00	52.13 3.04 0.00	58.66 3.68 0.00	66.61 4.15 -4.07	76.77 5.22 0.00	74.29 4.86 0.00	70.08 4.58 0.00	62.07 4.00 0.00	57.92 3.89 0.00	55.53 3.44 0.00	53.04 3.19 0.00
EIGHT_POINT___WT_PWR 323820	39.40 -3.43 0.00	37.25 -3.37 0.00	36.12 -3.31 0.00	36.11 -3.27 0.00	36.99 -3.22 0.00	39.09 -3.77 0.00	44.42 -4.55 0.00	50.17 -5.02 0.00	46.72 -4.73 0.00	42.11 -4.32 0.00	44.46 -5.16 0.00	43.86 -5.15 0.00	41.88 -4.81 0.00	43.02 -5.10 0.00	44.18 -4.91 0.00	49.75 -5.22 0.00	52.59 -5.61 0.19	65.68 -5.87 0.00	64.36 -5.07 0.00	60.85 -4.65 0.00	54.11 -3.95 0.00	50.14 -3.89 0.00	48.81 -3.28 0.00	46.86 -2.99 0.00
ELBRIDGE_115KV_TB2 80188	42.06 -0.77 0.00	39.85 -0.77 0.00	38.64 -0.79 0.00	38.63 -0.75 0.00	39.49 -0.72 0.00	42.05 -0.81 0.00	48.05 -0.93 0.00	54.03 -1.16 0.00	50.37 -1.08 0.00	45.45 -0.97 0.00	48.53 -1.09 0.00	47.98 -1.03 0.00	45.75 -0.93 0.00	47.16 -0.96 0.00	48.15 -0.93 0.00	53.99 -0.99 0.00	57.86 -1.11 -0.58	70.40 -1.14 0.00	68.39 -1.04 0.00	64.45 -1.05 0.00	57.08 -0.99 0.00	53.01 -1.03 0.00	51.15 -0.94 0.00	48.95 -0.90 0.00
ELEC_TRO_TEK 24086	45.63 2.78 -0.02	43.32 2.68 -0.02	42.05 2.60 -0.02	42.04 2.64 -0.02	42.84 2.61 -0.02	45.66 2.79 -0.02	57.92 3.33 -5.62	70.80 4.19 -11.42	55.53 4.01 -0.06	50.11 3.67 -0.02	53.70 3.87 -0.21	52.85 3.82 -0.02	51.52 3.69 -1.15	70.88 3.71 -19.05	79.11 3.83 -26.20	82.88 4.62 -23.29	113.28 4.96 -49.93	112.26 5.94 -34.77	112.74 5.76 -37.55	111.94 5.37 -41.08	109.91 4.76 -47.09	92.63 4.38 -34.23	77.65 3.80 -21.76	71.09 3.49 -17.75
ELLENBURG_WT_PWR 323604	42.27 -0.56 0.00	40.22 -0.41 0.00	39.16 -0.27 0.00	39.15 -0.23 0.00	39.97 -0.24 0.00	42.56 -0.30 0.00	48.73 -0.24 0.00	54.97 -0.22 0.00	51.04 -0.41 0.00	45.82 -0.60 0.00	48.93 -0.69 0.00	48.18 -0.83 0.00	45.80 -0.89 0.00	47.16 -0.96 0.00	47.90 -1.18 0.00	53.55 -1.43 0.00	56.93 -1.46 0.00	69.69 -1.86 0.00	67.56 -1.87 0.00	63.79 -1.70 0.00	56.61 -1.45 0.00	52.84 -1.19 0.00	50.94 -1.15 0.00	48.75 -1.10 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	39.58 -3.26 0.00	37.34 -3.29 0.00	36.20 -3.23 0.00	36.15 -3.23 0.00	37.24 -2.98 0.00	39.05 -3.81 0.00	43.78 -5.19 0.00	49.17 -6.02 0.00	45.95 -5.51 0.00	41.87 -4.55 0.00	44.31 -5.31 0.00	43.86 -5.15 0.00	41.97 -4.72 0.00	43.02 -5.10 0.00	44.17 -4.91 0.00	49.42 -5.55 0.00	52.02 -6.66 -0.29	64.32 -7.23 0.00	62.83 -6.60 0.00	59.54 -5.96 0.00	53.19 -4.88 0.00	49.33 -4.70 0.00	48.39 -3.70 0.00	46.46 -3.39 0.00
EMPIRE_CC_1 323656	44.42 1.59 0.00	42.13 1.50 0.00	40.85 1.42 0.00	40.80 1.42 0.00	41.62 1.41 0.00	44.40 1.54 0.00	50.69 1.71 0.00	57.07 1.88 0.00	53.30 1.85 0.00	48.14 1.72 0.00	51.76 2.13 0.00	51.12 2.11 0.00	48.74 2.05 0.00	50.23 2.11 0.00	51.24 2.16 0.00	57.23 2.25 0.00	65.96 2.34 -5.24	74.12 2.57 0.00	71.92 2.50 0.00	67.92 2.42 0.00	60.21 2.15 0.00	56.03 2.00 0.00	53.96 1.87 0.00	51.79 1.94 0.00
EMPIRE_CC_2 323658	44.42 1.59 0.00	42.13 1.50 0.00	40.85 1.42 0.00	40.80 1.42 0.00	41.62 1.41 0.00	44.40 1.54 0.00	50.69 1.71 0.00	57.07 1.88 0.00	53.30 1.85 0.00	48.14 1.72 0.00	51.76 2.13 0.00	51.12 2.11 0.00	48.74 2.05 0.00	50.23 2.11 0.00	51.24 2.16 0.00	57.23 2.25 0.00	65.96 2.34 -5.24	74.12 2.57 0.00	71.92 2.50 0.00	67.92 2.42 0.00	60.21 2.15 0.00	56.03 2.00 0.00	53.96 1.87 0.00	51.79 1.94 0.00
ENORWICH_115KV_TB1 80156	44.37 1.54 0.00	42.01 1.38 0.00	40.66 1.22 0.00	40.64 1.26 0.00	41.46 1.25 0.00	44.23 1.37 0.00	50.35 1.37 0.00	57.34 2.15 0.00	53.31 1.85 0.00	48.00 1.58 0.00	51.06 1.44 0.00	50.43 1.42 0.00	47.76 1.07 0.00	49.61 1.49 0.00	51.10 2.01 0.00	57.56 2.58 0.00	63.60 3.21 -2.00	75.99 4.44 0.00	73.46 4.03 0.00	69.43 3.93 0.00	61.66 3.60 0.00	56.84 2.81 0.00	54.80 2.71 0.00	52.44 2.59 0.00
ERIE_ST__34_KV_TB1-2 80199	40.01 -2.83 0.00	37.70 -2.93 0.00	36.59 -2.84 0.00	36.58 -2.80 0.00	37.68 -2.53 0.00	39.52 -3.34 0.00	44.47 -4.51 0.00	49.84 -5.35 0.00	46.57 -4.89 0.00	42.38 -4.04 0.00	44.81 -4.81 0.00	44.35 -4.66 0.00	42.44 -4.25 0.00	43.50 -4.62 0.00	44.71 -4.37 0.00	50.03 -4.95 0.00	52.72 -5.96 -0.29	65.32 -6.22 0.00	63.87 -5.55 0.00	60.45 -5.04 0.00	53.94 -4.12 0.00	49.98 -4.05 0.00	48.91 -3.18 0.00	47.01 -2.84 0.00
ERIE_WT_PWR 323693	39.75 -3.08 0.00	37.50 -3.13 0.00	36.43 -3.00 0.00	36.39 -2.99 0.00	37.40 -2.82 0.00	39.22 -3.64 0.00	44.08 -4.90 0.00	49.45 -5.74 0.00	46.26 -5.19 0.00	42.20 -4.22 0.00	44.51 -5.11 0.00	44.06 -4.95 0.00	42.11 -4.57 0.00	43.16 -4.96 0.00	44.37 -4.71 0.00	49.59 -5.39 0.00	52.25 -6.42 -0.29	64.61 -6.94 0.00	63.18 -6.25 0.00	59.86 -5.63 0.00	53.42 -4.65 0.00	49.55 -4.48 0.00	48.54 -3.54 0.00	46.66 -3.19 0.00
ESPRGFLD_115KV_TB1 80157	42.58 -0.26 0.00	40.38 -0.24 0.00	39.16 -0.28 0.00	39.11 -0.28 0.00	39.89 -0.32 0.00	42.69 -0.17 0.00	48.83 -0.15 0.00	55.35 0.17 0.00	51.40 -0.05 0.00	46.10 -0.32 0.00	49.23 -0.40 0.00	48.52 -0.49 0.00	46.08 -0.61 0.00	47.78 -0.34 0.00	48.99 -0.10 0.00	55.30 0.33 0.00	59.03 0.53 -0.12	72.34 0.79 0.00	70.19 0.76 0.00	66.15 0.65 0.00	58.59 0.52 0.00	54.30 0.27 0.00	52.40 0.31 0.00	50.10 0.25 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	42.92 0.09 0.00	40.67 0.04 0.00	39.39 -0.04 0.00	39.42 0.04 0.00	40.25 0.04 0.00	42.90 0.04 0.00	49.07 0.10 0.00	55.41 0.22 0.00	51.61 0.15 0.00	46.42 0.00 0.00	49.47 -0.15 0.00	48.91 -0.10 0.00	46.64 -0.05 0.00	48.07 -0.05 0.00	49.18 0.10 0.00	55.25 0.27 0.00	61.31 0.41 -2.52	72.48 0.93 0.00	70.40 0.97 0.00	66.41 0.92 0.00	58.82 0.75 0.00	54.52 0.49 0.00	52.61 0.52 0.00	50.30 0.45 0.00
ETNA____115KV_TB2 80207	42.92 0.09 0.00	40.67 0.04 0.00	39.39 -0.04 0.00	39.42 0.04 0.00	40.25 0.04 0.00	42.90 0.04 0.00	49.07 0.10 0.00	55.41 0.22 0.00	51.61 0.15 0.00	46.42 0.00 0.00	49.47 -0.15 0.00	48.91 -0.10 0.00	46.64 -0.05 0.00	48.07 -0.05 0.00	49.18 0.10 0.00	55.25 0.27 0.00	61.31 0.41 -2.52	72.48 0.93 0.00	70.40 0.97 0.00	66.41 0.92 0.00	58.82 0.75 0.00	54.52 0.49 0.00	52.61 0.52 0.00	50.30 0.45 0.00
EUCLID__115KV_TB2 356179	41.93 -0.90 0.00	39.73 -0.89 0.00	38.53 -0.91 0.00	38.48 -0.91 0.00	39.33 -0.88 0.00	41.92 -0.94 0.00	47.85 -1.13 0.00	53.75 -1.43 0.00	50.12 -1.34 0.00	45.26 -1.16 0.00	48.33 -1.29 0.00	47.78 -1.23 0.00	45.56 -1.12 0.00	46.96 -1.15 0.00	47.95 -1.13 0.00	53.71 -1.26 0.00	57.37 -1.40 -0.38	69.98 -1.57 0.00	67.97 -1.46 0.00	64.06 -1.44 0.00	56.79 -1.28 0.00	52.74 -1.30 0.00	50.94 -1.15 0.00	48.70 -1.15 0.00
E_CANADA_CAP_HY 24051	42.40 -0.43 0.00	40.30 -0.33 0.00	39.00 -0.43 0.00	38.99 -0.39 0.00	39.77 -0.44 0.00	42.65 -0.21 0.00	48.73 -0.24 0.00	55.19 0.00 0.00	50.99 -0.46 0.00	45.50 -0.93 0.00	48.53 -1.09 0.00	47.79 -1.22 0.00	45.33 -1.36 0.00	47.06 -1.06 0.00	48.40 -0.69 0.00	54.81 -0.16 0.00	64.94 0.06 -6.49	71.69 0.14 0.00	69.78 0.35 0.00	65.69 0.20 0.00	58.18 0.12 0.00	53.92 -0.11 0.00	52.24 0.16 0.00	49.95 0.10 0.00
E_CANADA_MHWK_HY 24050	45.70 2.87 0.00	43.35 2.72 0.00	41.99 2.56 0.00	41.94 2.56 0.00	42.87 2.65 0.00	45.69 2.83 0.00	52.11 3.14 0.00	58.77 3.59 0.00	54.75 3.30 0.00	49.40 2.97 0.00	52.75 3.13 0.00	52.05 3.04 0.00	49.49 2.80 0.00	51.05 2.94 0.00	52.08 2.99 0.00	58.38 3.41 0.00	62.01 3.62 0.00	75.99 4.44 0.00	73.81 4.38 0.00	69.69 4.20 0.00	61.83 3.77 0.00	57.54 3.51 0.00	55.53 3.44 0.00	53.19 3.34 0.00
E_FISHKILL__LBMP 23776	44.93 2.10 0.00	42.62 1.99 0.00	41.37 1.93 0.00	41.23 1.85 0.00	42.06 1.85 0.00	44.92 2.06 0.00	51.47 2.50 0.00	58.33 3.15 0.00	54.49 3.04 0.00	49.21 2.79 0.00	52.70 3.08 0.00	52.05 3.04 0.00	49.63 2.94 0.00	51.10 2.98 0.00	52.13 3.04 0.00	58.49 3.52 0.00	66.73 3.80 -4.55	76.13 4.58 0.00	73.87 4.44 0.00	69.62 4.13 0.00	61.60 3.54 0.00	57.33 3.30 0.00	55.06 2.97 0.00	52.59 2.74 0.00
FALCON__SEABRD_CC1 323796	42.70 -0.13 0.00	40.63 0.00 0.00	39.55 0.12 0.00	39.58 0.20 0.00	40.41 0.20 0.00	43.03 0.17 0.00	49.32 0.35 0.00	55.68 0.50 0.00	51.66 0.21 0.00	46.33 -0.09 0.00	49.43 -0.20 0.00	48.72 -0.29 0.00	46.31 -0.38 0.00	47.64 -0.48 0.00	48.40 -0.69 0.00	54.09 -0.88 0.00	57.45 -0.94 0.00	70.40 -1.15 0.00	68.25 -1.18 0.00	64.45 -1.05 0.00	57.25 -0.81 0.00	53.44 -0.59 0.00	51.52 -0.57 0.00	49.30 -0.55 0.00
FALCON__SEABRD_CC2 323797	42.70 -0.13 0.00	40.63 0.00 0.00	39.55 0.12 0.00	39.58 0.20 0.00	40.41 0.20 0.00	43.03 0.17 0.00	49.32 0.35 0.00	55.68 0.50 0.00	51.66 0.21 0.00	46.33 -0.09 0.00	49.43 -0.20 0.00	48.72 -0.29 0.00	46.31 -0.38 0.00	47.64 -0.48 0.00	48.40 -0.69 0.00	54.09 -0.88 0.00	57.45 -0.94 0.00	70.40 -1.15 0.00	68.25 -1.18 0.00	64.45 -1.05 0.00	57.25 -0.81 0.00	53.44 -0.59 0.00	51.52 -0.57 0.00	49.30 -0.55 0.00

FAR ROCKAWAY___4 23548	46.32 3.47 -0.02	43.93 3.29 -0.02	42.64 3.19 -0.02	42.59 3.19 -0.02	43.44 3.22 -0.02	46.30 3.43 -0.02	58.30 4.02 -5.31	70.90 4.91 -10.80	56.25 4.73 -0.06	50.76 4.32 -0.02	54.39 4.57 -0.20	53.63 4.61 -0.02	52.16 4.39 -1.09	70.57 4.43 -18.02	78.48 4.61 -24.78	82.55 5.55 -22.03	111.75 5.90 -47.47	111.66 7.23 -32.89	112.03 7.08 -35.52	110.90 6.55 -38.85	108.35 5.75 -44.54	91.70 5.30 -32.37	77.30 4.64 -20.58	70.92 4.29 -16.79
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	45.44 2.61 0.00	43.10 2.48 0.00	41.84 2.41 0.00	41.70 2.32 0.00	42.54 2.33 0.00	45.43 2.57 0.00	52.21 3.23 0.00	59.33 4.14 0.00	55.47 4.01 0.00	50.04 3.62 0.00	53.59 3.97 0.00	52.93 3.92 0.00	60.29 3.78 -9.82	51.92 3.80 0.00	60.17 3.98 -7.12	59.98 4.56 -0.44	74.03 4.96 -10.68	84.31 6.08 -6.67	79.46 5.90 -4.13	70.95 5.44 -0.02	62.71 4.65 0.00	58.25 4.21 0.00	55.89 3.80 0.00	53.29 3.44 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	45.44 2.61 0.00	43.10 2.48 0.00	41.88 2.44 0.00	41.70 2.32 0.00	42.54 2.33 0.00	45.43 2.57 0.00	52.21 3.23 0.00	59.33 4.14 0.00	55.47 4.01 0.00	50.09 3.67 0.00	53.59 3.97 0.00	52.93 3.92 0.00	60.29 3.78 -9.82	51.92 3.80 0.00	60.17 3.98 -7.12	59.98 4.56 -0.44	74.03 4.96 -10.68	84.31 6.08 -6.67	79.46 5.90 -4.13	70.95 5.44 -0.02	62.71 4.65 0.00	58.30 4.27 0.00	55.89 3.80 0.00	53.29 3.44 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	45.40 2.57 0.00	43.10 2.48 0.00	41.84 2.41 0.00	41.70 2.32 0.00	42.54 2.33 0.00	45.43 2.57 0.00	52.16 3.18 0.00	59.33 4.14 0.00	55.47 4.01 0.00	50.04 3.62 0.00	53.54 3.92 0.00	52.93 3.92 0.00	60.29 3.78 -9.82	51.92 3.80 0.00	60.12 3.93 -7.12	59.93 4.51 -0.44	74.03 4.96 -10.68	84.23 6.01 -6.67	79.46 5.90 -4.13	70.88 5.37 -0.02	62.65 4.59 0.00	58.25 4.21 0.00	55.84 3.75 0.00	53.24 3.39 0.00
FARRAGUT___LBMP 323566	45.40 2.57 0.00	43.06 2.44 0.00	41.80 2.37 0.00	41.66 2.28 0.00	42.50 2.29 0.00	45.39 2.53 0.00	52.16 3.18 0.00	59.27 4.08 0.00	55.42 3.96 0.00	50.00 3.57 0.00	53.49 3.87 0.00	52.88 3.87 0.00	60.24 3.73 -9.82	51.87 3.75 0.00	60.08 3.88 -7.12	59.93 4.51 -0.44	73.97 4.90 -10.68	84.23 6.01 -6.67	79.39 5.83 -4.13	70.82 5.31 -0.02	62.59 4.53 0.00	58.19 4.16 0.00	55.84 3.75 0.00	53.24 3.39 0.00
FENNER___WINDPWR 24204	43.35 0.52 0.00	41.07 0.45 0.00	39.83 0.39 0.00	39.86 0.47 0.00	40.66 0.44 0.00	43.38 0.52 0.00	49.52 0.54 0.00	55.90 0.72 0.00	52.12 0.67 0.00	47.03 0.60 0.00	50.22 0.60 0.00	49.65 0.64 0.00	47.25 0.56 0.00	48.79 0.67 0.00	49.82 0.74 0.00	55.91 0.93 0.00	60.29 1.05 -0.85	72.98 1.43 0.00	70.74 1.32 0.00	66.74 1.24 0.00	59.16 1.10 0.00	54.95 0.92 0.00	52.97 0.88 0.00	50.70 0.85 0.00
FIBERTEK___ENERGY 23856	42.32 -0.51 0.00	40.10 -0.53 0.00	38.88 -0.55 0.00	38.87 -0.51 0.00	39.69 -0.52 0.00	42.30 -0.56 0.00	48.39 -0.59 0.00	54.36 -0.83 0.00	50.73 -0.72 0.00	45.77 -0.65 0.00	48.93 -0.69 0.00	48.37 -0.64 0.00	46.12 -0.56 0.00	47.54 -0.58 0.00	48.54 -0.54 0.00	54.43 -0.55 0.00	58.29 -0.64 -0.55	70.98 -0.57 0.00	68.87 -0.56 0.00	64.91 -0.59 0.00	57.48 -0.58 0.00	53.33 -0.70 0.00	51.52 -0.57 0.00	49.25 -0.60 0.00
FITZPATRICK___ 23598	41.42 -1.41 0.00	39.29 -1.34 0.00	38.09 -1.34 0.00	38.04 -1.34 0.00	38.89 -1.33 0.00	41.40 -1.46 0.00	47.31 -1.67 0.00	53.04 -2.15 0.00	49.45 -2.01 0.00	44.61 -1.81 0.00	47.64 -1.99 0.00	47.05 -1.96 0.00	44.86 -1.82 0.00	46.24 -1.88 0.00	47.17 -1.92 0.00	52.89 -2.09 0.00	56.40 -2.28 -0.29	68.90 -2.65 0.00	66.86 -2.57 0.00	63.01 -2.49 0.00	55.86 -2.21 0.00	51.92 -2.11 0.00	50.11 -1.98 0.00	48.01 -1.84 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	45.32 2.48 0.00	42.98 2.36 0.00	41.76 2.33 0.00	41.63 2.24 0.00	42.46 2.25 0.00	45.30 2.44 0.00	51.91 2.94 0.00	58.67 3.48 0.00	54.90 3.45 0.00	49.49 3.06 0.00	52.95 3.32 0.00	52.29 3.28 0.00	49.86 3.17 0.00	51.34 3.22 0.00	52.47 3.39 0.00	59.04 4.07 0.00	67.24 4.38 -4.48	76.92 5.37 0.00	74.57 5.14 0.00	70.28 4.78 0.00	62.19 4.12 0.00	58.03 4.00 0.00	55.63 3.54 0.00	53.14 3.29 0.00
FORT ORANGE___ 23900	44.46 1.63 0.00	42.17 1.54 0.00	40.93 1.50 0.00	40.84 1.46 0.00	41.66 1.45 0.00	44.45 1.59 0.00	50.74 1.76 0.00	57.17 1.98 0.00	53.41 1.95 0.00	48.19 1.76 0.00	51.56 1.93 0.00	50.92 1.91 0.00	48.50 1.82 0.00	50.05 1.93 0.00	51.05 1.97 0.00	57.18 2.20 0.00	66.00 2.22 -5.39	74.20 2.65 0.00	72.00 2.57 0.00	67.98 2.49 0.00	60.32 2.26 0.00	56.25 2.22 0.00	54.17 2.09 0.00	51.85 2.00 0.00
FORT_DRUM_COGEN 23780	42.83 0.00 0.00	40.63 0.00 0.00	39.35 -0.08 0.00	39.34 -0.04 0.00	40.09 -0.12 0.00	42.82 -0.04 0.00	48.58 -0.39 0.00	55.24 0.06 0.00	51.30 -0.15 0.00	46.10 -0.32 0.00	49.33 -0.30 0.00	48.67 -0.34 0.00	46.12 -0.56 0.00	47.83 -0.29 0.00	48.74 -0.34 0.00	54.76 -0.22 0.00	58.56 -0.06 -0.23	72.05 0.50 0.00	69.85 0.42 0.00	66.02 0.52 0.00	58.64 0.58 0.00	54.79 0.76 0.00	52.71 0.63 0.00	50.45 0.60 0.00
FOX_HILLS___ESR 323835	45.92 3.08 -0.01	43.44 2.80 -0.01	42.16 2.72 -0.01	42.03 2.64 -0.01	42.87 2.65 -0.01	45.87 3.00 -0.01	52.50 3.53 0.00	59.44 4.25 0.00	55.26 3.81 0.00	49.86 3.44 0.00	53.39 3.77 0.00	52.73 3.72 0.00	59.74 3.22 -9.83	51.78 3.66 0.00	59.54 3.34 -7.12	59.88 4.45 -0.45	73.22 4.15 -10.69	83.31 5.08 -6.68	78.50 4.93 -4.14	70.95 5.44 -0.02	62.77 4.70 0.00	58.57 4.54 0.00	56.41 4.32 0.00	53.85 3.99 -0.01
FPL_FAR_ROCK_GT1 24212	46.36 3.51 -0.02	43.97 3.33 -0.02	42.68 3.23 -0.02	42.58 3.19 -0.02	43.45 3.22 -0.02	46.35 3.47 -0.02	58.35 4.06 -5.31	70.96 4.97 -10.80	56.24 4.73 -0.06	50.76 4.32 -0.02	54.44 4.62 -0.20	53.63 4.61 -0.02	52.16 4.39 -1.09	70.57 4.42 -18.02	78.47 4.61 -24.78	82.39 5.39 -22.03	111.75 5.89 -47.47	111.66 7.22 -32.89	112.03 7.09 -35.52	110.90 6.55 -38.85	108.35 5.75 -44.54	91.70 5.30 -32.37	77.30 4.63 -20.58	70.93 4.29 -16.79
FPL_FAR_ROCK_GT2 23815	46.36 3.51 -0.02	43.97 3.33 -0.02	42.68 3.23 -0.02	42.58 3.19 -0.02	43.45 3.22 -0.02	46.35 3.47 -0.02	58.35 4.06 -5.31	70.96 4.97 -10.80	56.24 4.73 -0.06	50.76 4.32 -0.02	54.44 4.62 -0.20	53.63 4.61 -0.02	52.16 4.39 -1.09	70.57 4.42 -18.02	78.47 4.61 -24.78	82.39 5.39 -22.03	111.75 5.89 -47.47	111.66 7.22 -32.89	112.03 7.09 -35.52	110.90 6.55 -38.85	108.35 5.75 -44.54	91.70 5.30 -32.37	77.30 4.63 -20.58	70.93 4.29 -16.79
FRANKLIN_FALL_HYD 24054	42.62 -0.21 0.00	40.59 -0.04 0.00	39.51 0.08 0.00	39.54 0.16 0.00	40.37 0.16 0.00	42.99 0.13 0.00	49.27 0.29 0.00	55.74 0.55 0.00	51.71 0.26 0.00	46.38 -0.05 0.00	49.52 -0.10 0.00	48.76 -0.25 0.00	46.36 -0.33 0.00	47.69 -0.43 0.00	48.45 -0.64 0.00	54.10 -0.88 0.00	57.45 -0.93 0.00	70.48 -1.07 0.00	68.32 -1.11 0.00	64.58 -0.92 0.00	57.37 -0.70 0.00	53.60 -0.43 0.00	51.67 -0.42 0.00	49.45 -0.40 0.00

FREEPORT_EQUS_GT1 23764	45.97 3.13 -0.01	43.60 2.96 -0.01	42.32 2.88 -0.01	42.27 2.87 -0.01	43.12 2.90 -0.01	45.96 3.09 -0.01	56.92 3.68 -4.27	68.40 4.53 -8.69	55.82 4.32 -0.05	50.34 3.90 -0.01	53.95 4.17 -0.16	53.14 4.12 -0.01	51.53 3.97 -0.87	66.61 3.99 -14.50	73.14 4.12 -19.94	77.53 4.84 -17.72	102.58 5.14 -39.06	104.23 6.22 -26.46	104.04 6.04 -28.58	102.45 5.70 -31.26	98.89 4.99 -35.83	84.88 4.81 -26.04	72.81 4.17 -16.56	67.20 3.84 -13.50
FREEPORT___CT2 23818	45.97 3.13 -0.01	43.60 2.96 -0.01	42.32 2.88 -0.01	42.27 2.87 -0.01	43.12 2.90 -0.01	45.96 3.09 -0.01	56.92 3.68 -4.27	68.40 4.53 -8.69	55.82 4.32 -0.05	50.34 3.90 -0.01	53.95 4.17 -0.16	53.14 4.12 -0.01	51.53 3.97 -0.87	66.61 3.99 -14.50	73.14 4.12 -19.94	77.53 4.84 -17.72	102.58 5.14 -39.06	104.23 6.22 -26.46	104.04 6.04 -28.58	102.45 5.70 -31.26	98.89 4.99 -35.83	84.88 4.81 -26.04	72.81 4.17 -16.56	67.20 3.84 -13.50
FRESHKLS_33_KV_LOAD 356253	46.14 3.30 -0.01	43.64 3.01 -0.01	42.36 2.92 -0.01	42.22 2.84 -0.01	43.08 2.86 -0.01	46.08 3.21 -0.01	52.70 3.72 0.00	59.60 4.42 0.00	55.36 3.91 0.00	49.95 3.53 0.00	53.44 3.82 0.00	52.78 3.77 0.00	59.69 3.17 -9.83	51.82 3.71 0.00	59.49 3.29 -7.12	59.99 4.56 -0.45	73.16 4.09 -10.69	83.24 5.01 -6.68	78.43 4.86 -4.14	71.15 5.63 -0.02	62.94 4.88 0.00	58.79 4.75 0.00	56.67 4.58 0.00	54.10 4.24 -0.01
FULTON COGEN____ 23766	41.72 -1.11 0.00	39.53 -1.10 0.00	38.33 -1.10 0.00	38.32 -1.06 0.00	39.13 -1.09 0.00	41.70 -1.16 0.00	47.65 -1.32 0.00	53.53 -1.66 0.00	49.91 -1.54 0.00	45.03 -1.39 0.00	48.08 -1.54 0.00	47.54 -1.47 0.00	45.33 -1.35 0.00	46.72 -1.40 0.00	47.66 -1.42 0.00	53.44 -1.54 0.00	57.12 -1.63 -0.37	69.69 -1.86 0.00	67.62 -1.81 0.00	63.73 -1.77 0.00	56.50 -1.57 0.00	52.46 -1.57 0.00	50.63 -1.46 0.00	48.46 -1.40 0.00
FULTON___LFGE 323630	43.77 0.94 0.00	41.56 0.94 0.00	40.26 0.83 0.00	40.21 0.83 0.00	41.02 0.80 0.00	43.97 1.11 0.00	50.30 1.32 0.00	56.84 1.65 0.00	52.54 1.08 0.00	46.84 0.42 0.00	49.92 0.30 0.00	49.11 0.10 0.00	46.59 -0.09 0.00	48.41 0.29 0.00	49.82 0.74 0.00	56.51 1.54 0.00	66.48 1.92 -6.17	73.98 2.43 0.00	72.00 2.57 0.00	67.79 2.29 0.00	60.04 1.98 0.00	55.71 1.68 0.00	53.80 1.72 0.00	51.45 1.59 0.00
G.F.CEMENT___DRP 24184	45.92 3.08 0.00	43.63 3.01 0.00	42.27 2.84 0.00	42.22 2.84 0.00	43.07 2.86 0.00	46.07 3.21 0.00	52.55 3.58 0.00	59.38 4.19 0.00	55.42 3.96 0.00	50.04 3.62 0.00	53.49 3.87 0.00	52.73 3.72 0.00	50.09 3.41 0.00	51.63 3.51 0.00	52.81 3.73 0.00	59.32 4.34 0.00	68.62 4.61 -5.62	77.13 5.58 0.00	75.05 5.62 0.00	70.60 5.11 0.00	62.71 4.65 0.00	58.25 4.21 0.00	56.15 4.06 0.00	53.79 3.94 0.00
GARDENVILLE___LBMP 24039	39.58 -3.26 0.00	37.34 -3.29 0.00	36.24 -3.19 0.00	36.15 -3.23 0.00	37.24 -2.98 0.00	39.05 -3.81 0.00	43.88 -5.09 0.00	49.23 -5.96 0.00	46.00 -5.45 0.00	41.87 -4.55 0.00	44.31 -5.31 0.00	43.86 -5.15 0.00	41.97 -4.72 0.00	43.02 -5.10 0.00	44.17 -4.91 0.00	49.42 -5.55 0.00	52.13 -6.54 -0.28	64.47 -7.08 0.00	62.97 -6.46 0.00	59.67 -5.83 0.00	53.30 -4.76 0.00	49.44 -4.59 0.00	48.44 -3.65 0.00	46.51 -3.34 0.00
GARDNVLA_35_KV_LD 355827	39.88 -2.96 0.00	37.62 -3.01 0.00	36.48 -2.96 0.00	36.43 -2.95 0.00	37.52 -2.69 0.00	39.35 -3.51 0.00	44.18 -4.80 0.00	49.56 -5.63 0.00	46.31 -5.15 0.00	42.25 -4.18 0.00	44.66 -4.96 0.00	44.21 -4.80 0.00	42.30 -4.39 0.00	43.31 -4.81 0.00	44.57 -4.52 0.00	49.70 -5.28 0.00	52.37 -6.31 -0.29	64.75 -6.80 0.00	63.32 -6.11 0.00	59.99 -5.50 0.00	53.53 -4.53 0.00	49.66 -4.38 0.00	48.70 -3.39 0.00	46.76 -3.09 0.00
GELCKHM___115KV_LOAD 80723	42.06 -0.77 0.00	39.85 -0.77 0.00	38.64 -0.79 0.00	38.63 -0.75 0.00	39.49 -0.72 0.00	42.05 -0.81 0.00	48.05 -0.93 0.00	53.97 -1.21 0.00	50.37 -1.08 0.00	45.45 -0.97 0.00	48.58 -1.04 0.00	48.03 -0.98 0.00	45.80 -0.89 0.00	47.20 -0.91 0.00	48.15 -0.93 0.00	53.99 -0.99 0.00	57.69 -1.11 -0.41	70.40 -1.14 0.00	68.32 -1.11 0.00	64.38 -1.11 0.00	57.02 -1.05 0.00	52.95 -1.08 0.00	51.15 -0.94 0.00	48.90 -0.95 0.00
GENERAL___MILLS 23808	39.75 -3.08 0.00	37.50 -3.13 0.00	36.40 -3.04 0.00	36.31 -3.07 0.00	37.40 -2.81 0.00	39.22 -3.64 0.00	44.03 -4.95 0.00	49.39 -5.79 0.00	46.15 -5.30 0.00	42.06 -4.36 0.00	44.51 -5.11 0.00	44.06 -4.95 0.00	42.16 -4.53 0.00	43.16 -4.96 0.00	44.37 -4.71 0.00	49.59 -5.39 0.00	52.25 -6.42 -0.29	64.68 -6.87 0.00	63.18 -6.25 0.00	59.86 -5.63 0.00	53.48 -4.59 0.00	49.60 -4.43 0.00	48.60 -3.49 0.00	46.66 -3.19 0.00
GE_PLASTICS___DRP 24183	44.12 1.28 0.00	41.89 1.26 0.00	40.62 1.18 0.00	40.56 1.18 0.00	41.38 1.17 0.00	44.15 1.29 0.00	50.40 1.42 0.00	56.84 1.66 0.00	53.10 1.65 0.00	47.96 1.53 0.00	51.36 1.74 0.00	50.73 1.72 0.00	48.32 1.63 0.00	49.80 1.68 0.00	50.80 1.72 0.00	56.84 1.87 0.00	65.70 1.93 -5.39	73.70 2.15 0.00	71.58 2.15 0.00	67.53 2.03 0.00	59.92 1.86 0.00	55.81 1.78 0.00	53.76 1.67 0.00	51.50 1.65 0.00
GILBOA___1 23756	43.94 1.11 0.00	41.68 1.05 0.00	40.46 1.02 0.00	40.37 0.98 0.00	41.22 1.01 0.00	43.97 1.11 0.00	50.25 1.27 0.00	56.79 1.60 0.00	53.00 1.54 0.00	47.82 1.39 0.00	51.21 1.59 0.00	50.58 1.57 0.00	48.18 1.49 0.00	49.66 1.54 0.00	50.65 1.57 0.00	56.73 1.76 0.00	64.55 1.87 -4.30	73.69 2.14 0.00	71.51 2.08 0.00	67.59 2.10 0.00	59.86 1.80 0.00	55.71 1.68 0.00	53.65 1.56 0.00	51.35 1.49 0.00
GILBOA___2 23757	43.94 1.11 0.00	41.68 1.05 0.00	40.46 1.02 0.00	40.37 0.98 0.00	41.22 1.01 0.00	43.97 1.11 0.00	50.25 1.27 0.00	56.79 1.60 0.00	53.00 1.54 0.00	47.82 1.39 0.00	51.21 1.59 0.00	50.58 1.57 0.00	48.18 1.49 0.00	49.66 1.54 0.00	50.65 1.57 0.00	56.73 1.76 0.00	64.55 1.87 -4.30	73.69 2.14 0.00	71.51 2.08 0.00	67.59 2.10 0.00	59.86 1.80 0.00	55.71 1.68 0.00	53.65 1.56 0.00	51.35 1.49 0.00
GILBOA___3 23758	43.94 1.11 0.00	41.68 1.05 0.00	40.46 1.02 0.00	40.37 0.98 0.00	41.22 1.01 0.00	43.97 1.11 0.00	50.25 1.27 0.00	56.79 1.60 0.00	53.00 1.54 0.00	47.82 1.39 0.00	51.21 1.59 0.00	50.58 1.57 0.00	48.18 1.49 0.00	49.66 1.54 0.00	50.65 1.57 0.00	56.73 1.76 0.00	64.55 1.87 -4.30	73.69 2.14 0.00	71.51 2.08 0.00	67.59 2.10 0.00	59.86 1.80 0.00	55.71 1.68 0.00	53.65 1.56 0.00	51.35 1.49 0.00
GILBOA___4 23759	43.94 1.11 0.00	41.68 1.05 0.00	40.46 1.02 0.00	40.37 0.98 0.00	41.22 1.01 0.00	43.97 1.11 0.00	50.25 1.27 0.00	56.79 1.60 0.00	53.00 1.54 0.00	47.82 1.39 0.00	51.21 1.59 0.00	50.58 1.57 0.00	48.18 1.49 0.00	49.66 1.54 0.00	50.65 1.57 0.00	56.73 1.76 0.00	64.55 1.87 -4.30	73.69 2.14 0.00	71.51 2.08 0.00	67.59 2.10 0.00	59.86 1.80 0.00	55.71 1.68 0.00	53.65 1.56 0.00	51.35 1.49 0.00

GILBOA____ 23599	43.95 1.11 0.00	41.68 1.06 0.00	40.46 1.03 0.00	40.37 0.98 0.00	41.22 1.01 0.00	43.97 1.11 0.00	50.25 1.27 0.00	56.79 1.60 0.00	53.00 1.54 0.00	47.86 1.44 0.00	51.21 1.59 0.00	50.58 1.57 0.00	48.18 1.49 0.00	49.66 1.54 0.00	50.65 1.57 0.00	56.73 1.76 0.00	64.55 1.87 -4.30	73.70 2.15 0.00	71.51 2.08 0.00	67.59 2.10 0.00	59.86 1.80 0.00	55.71 1.67 0.00	53.65 1.56 0.00	51.35 1.50 0.00
GINNA____ 23603	39.40 -3.43 0.00	37.25 -3.37 0.00	36.08 -3.35 0.00	36.03 -3.35 0.00	36.99 -3.22 0.00	39.17 -3.69 0.00	44.52 -4.46 0.00	50.28 -4.91 0.00	47.03 -4.43 0.00	42.71 -3.72 0.00	45.40 -4.22 0.00	44.89 -4.12 0.00	42.67 -4.02 0.00	44.08 -4.04 0.00	45.06 -4.02 0.00	50.41 -4.56 0.00	53.59 -5.14 -0.34	65.76 -5.79 0.00	63.87 -5.56 0.00	60.25 -5.24 0.00	53.53 -4.53 0.00	49.66 -4.37 0.00	48.23 -3.85 0.00	46.11 -3.74 0.00
GLEN PARK____ 23778	42.92 0.09 0.00	40.71 0.08 0.00	39.43 0.00 0.00	39.42 0.04 0.00	40.17 -0.04 0.00	42.90 0.04 0.00	48.68 -0.29 0.00	55.35 0.17 0.00	51.40 -0.05 0.00	46.19 -0.23 0.00	49.38 -0.25 0.00	48.72 -0.29 0.00	46.13 -0.56 0.00	47.88 -0.24 0.00	48.79 -0.29 0.00	54.87 -0.11 0.00	58.74 0.12 -0.24	72.41 0.86 0.00	70.19 0.77 0.00	66.41 0.92 0.00	58.99 0.93 0.00	55.01 0.97 0.00	52.92 0.83 0.00	50.65 0.80 0.00
GLENDALE_27_KV_LOAD 356172	45.80 2.96 -0.01	43.48 2.84 -0.01	42.20 2.76 -0.01	42.03 2.64 -0.01	42.87 2.65 -0.01	45.78 2.91 -0.01	52.55 3.58 0.00	59.66 4.47 0.00	55.72 4.27 0.00	50.28 3.85 0.00	53.84 4.22 0.00	53.18 4.17 0.00	60.58 3.92 -9.97	52.16 4.04 0.00	60.38 4.07 -7.22	60.26 4.84 -0.45	74.18 5.02 -10.77	84.48 6.15 -6.77	79.59 5.97 -4.19	71.21 5.70 -0.02	63.06 4.99 0.00	58.68 4.65 0.00	56.31 4.22 0.00	53.75 3.89 -0.01
GLENWOOD_IC_1_G5 23712	45.72 2.87 -0.02	43.36 2.72 -0.02	42.09 2.64 -0.02	42.00 2.60 -0.02	42.84 2.61 -0.02	45.70 2.83 -0.02	57.86 3.43 -5.45	70.58 4.30 -11.08	55.63 4.12 -0.06	50.20 3.76 -0.02	53.90 4.07 -0.20	53.04 4.02 -0.02	51.68 3.87 -1.12	70.51 3.90 -18.49	78.53 4.02 -25.43	81.97 4.40 -22.60	111.71 4.73 -48.59	111.02 5.72 -33.75	111.50 5.62 -36.45	110.54 5.17 -39.87	108.24 4.47 -45.70	91.41 4.16 -33.22	77.16 3.96 -21.12	70.72 3.64 -17.23
GLENWOOD_IC_2_G1 23688	45.45 2.61 0.00	43.11 2.48 0.00	41.88 2.45 0.00	41.74 2.36 0.00	42.58 2.37 0.00	45.48 2.61 0.00	52.34 3.14 -0.23	59.63 3.98 -0.47	55.26 3.81 0.00	49.91 3.48 0.00	53.40 3.77 -0.01	52.73 3.72 0.00	50.33 3.60 -0.05	52.51 3.61 -0.78	53.94 3.78 -1.07	60.27 4.34 -0.96	69.44 4.73 -6.32	78.70 5.73 -1.43	76.53 5.56 -1.54	72.35 5.17 -1.69	64.47 4.47 -1.93	59.60 4.16 -1.40	56.68 3.70 -0.89	53.92 3.34 -0.73
GLENWOOD_IC_3_G1 23689	45.45 2.61 0.00	43.11 2.48 0.00	41.88 2.45 0.00	41.74 2.36 0.00	42.58 2.37 0.00	45.48 2.61 0.00	52.34 3.14 -0.23	59.63 3.98 -0.47	55.26 3.81 0.00	49.91 3.48 0.00	53.40 3.77 -0.01	52.73 3.72 0.00	50.33 3.60 -0.05	52.51 3.61 -0.78	53.94 3.78 -1.07	60.27 4.34 -0.96	69.44 4.73 -6.32	78.70 5.73 -1.43	76.53 5.56 -1.54	72.35 5.17 -1.69	64.47 4.47 -1.93	59.60 4.16 -1.40	56.68 3.70 -0.89	53.92 3.34 -0.73
GLENWOOD____4 23550	45.72 2.87 -0.02	43.36 2.72 -0.02	42.09 2.64 -0.02	42.00 2.60 -0.02	42.84 2.61 -0.02	45.70 2.83 -0.02	57.86 3.43 -5.45	70.58 4.30 -11.08	55.63 4.12 -0.06	50.20 3.76 -0.02	53.90 4.07 -0.20	53.04 4.02 -0.02	51.68 3.87 -1.12	70.51 3.90 -18.49	78.53 4.02 -25.43	82.14 4.56 -22.60	111.88 4.90 -48.59	111.24 5.94 -33.75	111.64 5.76 -36.45	110.67 5.31 -39.87	108.41 4.65 -45.70	91.52 4.27 -33.22	77.16 3.96 -21.12	70.72 3.64 -17.23
GLENWOOD____5 23614	45.72 2.87 -0.02	43.36 2.72 -0.02	42.09 2.64 -0.02	42.00 2.60 -0.02	42.84 2.61 -0.02	45.70 2.83 -0.02	57.86 3.43 -5.45	70.58 4.30 -11.08	55.63 4.12 -0.06	50.20 3.76 -0.02	53.90 4.07 -0.20	53.04 4.02 -0.02	51.68 3.87 -1.12	70.51 3.90 -18.49	78.53 4.02 -25.43	82.14 4.56 -22.60	111.88 4.90 -48.59	111.24 5.94 -33.75	111.64 5.76 -36.45	110.67 5.31 -39.87	108.41 4.65 -45.70	91.52 4.27 -33.22	77.16 3.96 -21.12	70.72 3.64 -17.23
GLOBAL GREEN_PORT_GT1 23814	46.44 3.60 -0.01	44.13 3.49 -0.01	42.91 3.47 -0.01	42.70 3.31 -0.01	43.68 3.46 -0.01	46.51 3.64 -0.01	56.04 3.97 -3.10	66.41 4.91 -6.31	56.02 4.53 -0.03	50.47 4.04 -0.01	54.11 4.37 -0.12	53.23 4.22 -0.01	51.57 4.25 -0.64	62.93 4.28 -10.53	68.13 4.57 -14.48	73.62 5.77 -12.87	94.40 6.42 -29.59	98.82 8.01 -19.26	98.06 7.84 -20.79	95.51 7.27 -22.74	90.24 6.15 -26.02	78.78 5.84 -18.92	68.90 4.79 -12.02	64.45 4.79 -9.81
GLOBE____DSASP 323697	38.68 -4.15 0.00	36.48 -4.14 0.00	35.37 -4.06 0.00	35.36 -4.02 0.00	36.31 -3.90 0.00	38.06 -4.80 0.00	42.56 -6.42 0.00	47.79 -7.40 0.00	44.66 -6.79 0.00	40.81 -5.62 0.00	43.22 -6.40 0.00	42.83 -6.18 0.00	40.94 -5.74 0.00	41.96 -6.16 0.00	43.10 -5.99 0.00	48.05 -6.93 0.00	50.51 -8.17 -0.30	62.32 -9.23 0.00	60.75 -8.68 0.00	57.64 -7.86 0.00	51.50 -6.56 0.00	47.87 -6.16 0.00	47.09 -5.00 0.00	45.17 -4.69 0.00
GOETHSLN____LBMP 323567	45.19 2.36 0.00	42.90 2.28 0.00	41.64 2.21 0.00	41.47 2.09 0.00	42.34 2.13 0.00	45.22 2.36 0.00	51.96 2.99 0.00	59.11 3.92 0.00	55.26 3.81 0.00	49.91 3.48 0.00	53.34 3.72 0.00	52.73 3.72 0.00	60.15 3.64 -9.82	51.73 3.61 0.00	60.03 3.83 -7.12	59.76 4.34 -0.44	73.85 4.79 -10.68	84.16 5.94 -6.67	79.32 5.76 -4.13	70.62 5.11 -0.02	62.42 4.35 0.00	57.98 3.94 0.00	55.58 3.49 0.00	52.99 3.14 0.00
GOLAH____69_KV_TB 1_2 80279	41.16 -1.67 0.00	38.84 -1.79 0.00	37.58 -1.85 0.00	37.49 -1.89 0.00	38.60 -1.61 0.00	40.72 -2.14 0.00	46.09 -2.89 0.00	51.93 -3.26 0.00	48.47 -2.98 0.00	44.01 -2.41 0.00	46.79 -2.83 0.00	46.27 -2.74 0.00	44.07 -2.61 0.00	45.38 -2.74 0.00	46.48 -2.60 0.00	51.84 -3.13 0.00	54.90 -3.80 -0.31	67.61 -3.94 0.00	65.82 -3.61 0.00	62.22 -3.27 0.00	55.39 -2.67 0.00	51.38 -2.65 0.00	50.16 -1.93 0.00	48.06 -1.79 0.00
GOODYEAR_LAKE_HYD 323669	43.56 0.73 0.00	41.28 0.65 0.00	40.02 0.59 0.00	39.97 0.59 0.00	40.77 0.56 0.00	43.55 0.69 0.00	49.76 0.78 0.00	56.40 1.21 0.00	52.59 1.13 0.00	47.44 1.02 0.00	50.71 1.09 0.00	50.04 1.03 0.00	47.57 0.89 0.00	49.23 1.11 0.00	50.31 1.23 0.00	56.57 1.59 0.00	61.63 1.81 -1.44	73.77 2.22 0.00	71.51 2.08 0.00	67.46 1.96 0.00	59.80 1.74 0.00	55.49 1.46 0.00	53.44 1.35 0.00	51.10 1.25 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	42.36 -0.47 0.00	40.10 -0.53 0.00	38.88 -0.55 0.00	38.87 -0.51 0.00	39.73 -0.48 0.00	42.26 -0.60 0.00	48.24 -0.73 0.00	54.36 -0.83 0.00	50.68 -0.77 0.00	45.77 -0.65 0.00	48.78 -0.84 0.00	48.23 -0.78 0.00	46.03 -0.65 0.00	47.40 -0.72 0.00	48.45 -0.64 0.00	54.37 -0.60 0.00	58.83 -0.76 -1.20	70.98 -0.57 0.00	69.01 -0.42 0.00	65.10 -0.39 0.00	57.71 -0.35 0.00	53.55 -0.49 0.00	51.72 -0.36 0.00	49.55 -0.30 0.00

GOUDEY___7 23579	42.36 -0.47 0.00	40.10 -0.53 0.00	38.88 -0.55 0.00	38.87 -0.51 0.00	39.73 -0.48 0.00	42.26 -0.60 0.00	48.24 -0.73 0.00	54.36 -0.83 0.00	50.68 -0.77 0.00	45.77 -0.65 0.00	48.78 -0.84 0.00	48.23 -0.78 0.00	46.03 -0.65 0.00	47.40 -0.72 0.00	48.45 -0.64 0.00	54.37 -0.60 0.00	58.83 -0.76 -1.20	70.98 -0.57 0.00	69.01 -0.42 0.00	65.10 -0.39 0.00	57.71 -0.35 0.00	53.55 -0.49 0.00	51.72 -0.36 0.00	49.55 -0.30 0.00
GOUDEY___8 23580	42.36 -0.47 0.00	40.10 -0.53 0.00	38.88 -0.55 0.00	38.87 -0.51 0.00	39.73 -0.48 0.00	42.26 -0.60 0.00	48.24 -0.73 0.00	54.36 -0.83 0.00	50.68 -0.77 0.00	45.77 -0.65 0.00	48.78 -0.84 0.00	48.23 -0.78 0.00	46.03 -0.65 0.00	47.40 -0.72 0.00	48.45 -0.64 0.00	54.37 -0.60 0.00	58.83 -0.76 -1.20	70.98 -0.57 0.00	69.01 -0.42 0.00	65.10 -0.39 0.00	57.71 -0.35 0.00	53.55 -0.49 0.00	51.72 -0.36 0.00	49.55 -0.30 0.00
GOWANUS_GT1_1 24077	45.84 3.00 -0.01	43.40 2.76 -0.01	42.12 2.68 -0.01	41.99 2.60 -0.01	42.83 2.61 -0.01	45.78 2.91 -0.01	52.45 3.48 0.00	59.44 4.25 0.00	55.42 3.96 0.00	50.00 3.57 0.00	53.54 3.92 0.00	52.88 3.87 0.00	60.15 3.45 -10.01	51.92 3.80 0.00	59.92 3.58 -7.25	59.99 4.56 -0.45	73.60 4.44 -10.77	83.79 5.44 -6.80	78.92 5.28 -4.21	71.01 5.50 -0.02	62.82 4.76 0.00	58.57 4.54 0.00	56.36 4.27 0.00	53.75 3.89 -0.01
GOWANUS_GT1_2 24078	45.84 3.00 -0.01	43.40 2.76 -0.01	42.12 2.68 -0.01	41.99 2.60 -0.01	42.83 2.61 -0.01	45.78 2.91 -0.01	52.45 3.48 0.00	59.44 4.25 0.00	55.42 3.96 0.00	50.00 3.57 0.00	53.54 3.92 0.00	52.88 3.87 0.00	60.15 3.45 -10.01	51.92 3.80 0.00	59.92 3.58 -7.25	59.99 4.56 -0.45	73.60 4.44 -10.77	83.79 5.44 -6.80	78.92 5.28 -4.21	71.01 5.50 -0.02	62.82 4.76 0.00	58.57 4.54 0.00	56.36 4.27 0.00	53.75 3.89 -0.01
GOWANUS_GT1_3 24079	45.84 3.00 -0.01	43.40 2.76 -0.01	42.12 2.68 -0.01	41.99 2.60 -0.01	42.83 2.61 -0.01	45.78 2.91 -0.01	52.45 3.48 0.00	59.44 4.25 0.00	55.42 3.96 0.00	50.00 3.57 0.00	53.54 3.92 0.00	52.88 3.87 0.00	60.15 3.45 -10.01	51.92 3.80 0.00	59.92 3.58 -7.25	59.99 4.56 -0.45	73.60 4.44 -10.77	83.79 5.44 -6.80	78.92 5.28 -4.21	71.01 5.50 -0.02	62.82 4.76 0.00	58.57 4.54 0.00	56.36 4.27 0.00	53.75 3.89 -0.01
GOWANUS_GT1_4 24080	45.84 3.00 -0.01	43.40 2.76 -0.01	42.12 2.68 -0.01	41.99 2.60 -0.01	42.83 2.61 -0.01	45.78 2.91 -0.01	52.45 3.48 0.00	59.44 4.25 0.00	55.42 3.96 0.00	50.00 3.57 0.00	53.54 3.92 0.00	52.88 3.87 0.00	60.15 3.45 -10.01	51.92 3.80 0.00	59.92 3.58 -7.25	59.99 4.56 -0.45	73.60 4.44 -10.77	83.79 5.44 -6.80	78.92 5.28 -4.21	71.01 5.50 -0.02	62.82 4.76 0.00	58.57 4.54 0.00	56.36 4.27 0.00	53.75 3.89 -0.01
GOWANUS_GT1_5 24084	45.84 3.00 -0.01	43.40 2.76 -0.01	42.12 2.68 -0.01	41.99 2.60 -0.01	42.83 2.61 -0.01	45.78 2.91 -0.01	52.45 3.48 0.00	59.44 4.25 0.00	55.42 3.96 0.00	50.00 3.57 0.00	53.54 3.92 0.00	52.88 3.87 0.00	60.15 3.45 -10.01	51.92 3.80 0.00	59.92 3.58 -7.25	59.99 4.56 -0.45	73.60 4.44 -10.77	83.79 5.44 -6.80	78.92 5.28 -4.21	71.01 5.50 -0.02	62.82 4.76 0.00	58.57 4.54 0.00	56.36 4.27 0.00	53.75 3.89 -0.01
GOWANUS_GT1_6 24111	45.84 3.00 -0.01	43.40 2.76 -0.01	42.12 2.68 -0.01	41.99 2.60 -0.01	42.83 2.61 -0.01	45.78 2.91 -0.01	52.45 3.48 0.00	59.44 4.25 0.00	55.42 3.96 0.00	50.00 3.57 0.00	53.54 3.92 0.00	52.88 3.87 0.00	60.15 3.45 -10.01	51.92 3.80 0.00	59.92 3.58 -7.25	59.99 4.56 -0.45	73.60 4.44 -10.77	83.79 5.44 -6.80	78.92 5.28 -4.21	71.01 5.50 -0.02	62.82 4.76 0.00	58.57 4.54 0.00	56.36 4.27 0.00	53.75 3.89 -0.01
GOWANUS_GT1_7 24112	45.84 3.00 -0.01	43.40 2.76 -0.01	42.12 2.68 -0.01	41.99 2.60 -0.01	42.83 2.61 -0.01	45.78 2.91 -0.01	52.45 3.48 0.00	59.44 4.25 0.00	55.42 3.96 0.00	50.00 3.57 0.00	53.54 3.92 0.00	52.88 3.87 0.00	60.15 3.45 -10.01	51.92 3.80 0.00	59.92 3.58 -7.25	59.99 4.56 -0.45	73.60 4.44 -10.77	83.79 5.44 -6.80	78.92 5.28 -4.21	71.01 5.50 -0.02	62.82 4.76 0.00	58.57 4.54 0.00	56.36 4.27 0.00	53.75 3.89 -0.01
GOWANUS_GT1_8 24113	45.84 3.00 -0.01	43.40 2.76 -0.01	42.12 2.68 -0.01	41.99 2.60 -0.01	42.83 2.61 -0.01	45.78 2.91 -0.01	52.45 3.48 0.00	59.44 4.25 0.00	55.42 3.96 0.00	50.00 3.57 0.00	53.54 3.92 0.00	52.88 3.87 0.00	60.15 3.45 -10.01	51.92 3.80 0.00	59.92 3.58 -7.25	59.99 4.56 -0.45	73.60 4.44 -10.77	83.79 5.44 -6.80	78.92 5.28 -4.21	71.01 5.50 -0.02	62.82 4.76 0.00	58.57 4.54 0.00	56.36 4.27 0.00	53.75 3.89 -0.01
GOWANUS_GT2_1 24114	45.84 3.00 -0.01	43.40 2.76 -0.01	42.12 2.68 -0.01	41.99 2.60 -0.01	42.83 2.61 -0.01	45.78 2.92 -0.01	52.45 3.48 0.00	59.45 4.25 -0.01	55.37 3.91 -0.01	49.96 3.53 -0.01	53.50 3.87 -0.01	52.89 3.87 -0.01	60.01 3.45 -9.87	51.93 3.80 -0.01	59.81 3.58 -7.15	59.99 4.56 -0.45	73.59 4.44 -10.77	83.69 5.44 -6.71	78.86 5.27 -4.15	71.01 5.50 -0.02	62.83 4.76 -0.01	58.58 4.54 -0.01	56.37 4.27 -0.01	53.75 3.89 -0.01
GOWANUS_GT2_2 24115	45.84 3.00 -0.01	43.40 2.76 -0.01	42.12 2.68 -0.01	41.99 2.60 -0.01	42.83 2.61 -0.01	45.78 2.92 -0.01	52.45 3.48 0.00	59.45 4.25 -0.01	55.37 3.91 -0.01	49.96 3.53 -0.01	53.50 3.87 -0.01	52.89 3.87 -0.01	60.01 3.45 -9.87	51.93 3.80 -0.01	59.81 3.58 -7.15	59.99 4.56 -0.45	73.59 4.44 -10.77	83.69 5.44 -6.71	78.86 5.27 -4.15	71.01 5.50 -0.02	62.83 4.76 -0.01	58.58 4.54 -0.01	56.37 4.27 -0.01	53.75 3.89 -0.01
GOWANUS_GT2_3 24116	45.84 3.00 -0.01	43.40 2.76 -0.01	42.12 2.68 -0.01	41.99 2.60 -0.01	42.83 2.61 -0.01	45.78 2.92 -0.01	52.45 3.48 0.00	59.45 4.25 -0.01	55.37 3.91 -0.01	49.96 3.53 -0.01	53.50 3.87 -0.01	52.89 3.87 -0.01	60.01 3.45 -9.87	51.93 3.80 -0.01	59.81 3.58 -7.15	59.99 4.56 -0.45	73.59 4.44 -10.77	83.69 5.44 -6.71	78.86 5.27 -4.15	71.01 5.50 -0.02	62.83 4.76 -0.01	58.58 4.54 -0.01	56.37 4.27 -0.01	53.75 3.89 -0.01
GOWANUS_GT2_4 24117	45.84 3.00 -0.01	43.40 2.76 -0.01	42.12 2.68 -0.01	41.99 2.60 -0.01	42.83 2.61 -0.01	45.78 2.92 -0.01	52.45 3.48 0.00	59.45 4.25 -0.01	55.37 3.91 -0.01	49.96 3.53 -0.01	53.50 3.87 -0.01	52.89 3.87 -0.01	60.01 3.45 -9.87	51.93 3.80 -0.01	59.81 3.58 -7.15	59.99 4.56 -0.45	73.59 4.44 -10.77	83.69 5.44 -6.71	78.86 5.27 -4.15	71.01 5.50 -0.02	62.83 4.76 -0.01	58.58 4.54 -0.01	56.37 4.27 -0.01	53.75 3.89 -0.01
GOWANUS_GT2_5 24118	45.84 3.00 -0.01	43.40 2.76 -0.01	42.12 2.68 -0.01	41.99 2.60 -0.01	42.83 2.61 -0.01	45.78 2.92 -0.01	52.45 3.48 0.00	59.45 4.25 -0.01	55.37 3.91 -0.01	49.96 3.53 -0.01	53.50 3.87 -0.01	52.89 3.87 -0.01	60.01 3.45 -9.87	51.93 3.80 -0.01	59.81 3.58 -7.15	59.99 4.56 -0.45	73.59 4.44 -10.77	83.69 5.44 -6.71	78.86 5.27 -4.15	71.01 5.50 -0.02	62.83 4.76 -0.01	58.58 4.54 -0.01	56.37 4.27 -0.01	53.75 3.89 -0.01

GOWANUS_GT2_6 24119	45.84 3.00 -0.01	43.40 2.76 -0.01	42.12 2.68 -0.01	41.99 2.60 -0.01	42.83 2.61 -0.01	45.78 2.92 -0.01	52.45 3.48 0.00	59.45 4.25 -0.01	55.37 3.91 -0.01	49.96 3.53 -0.01	53.50 3.87 -0.01	52.89 3.87 -0.01	60.01 3.45 -9.87	51.93 3.80 -0.01	59.81 3.58 -7.15	59.99 4.56 -0.45	73.59 4.44 -10.77	83.69 5.44 -6.71	78.86 5.27 -4.15	71.01 5.50 -0.02	62.83 4.76 -0.01	58.58 4.54 -0.01	56.37 4.27 -0.01	53.75 3.89 -0.01
GOWANUS_GT2_7 24120	45.84 3.00 -0.01	43.40 2.76 -0.01	42.12 2.68 -0.01	41.99 2.60 -0.01	42.83 2.61 -0.01	45.78 2.92 -0.01	52.45 3.48 0.00	59.45 4.25 -0.01	55.37 3.91 -0.01	49.96 3.53 -0.01	53.50 3.87 -0.01	52.89 3.87 -0.01	60.01 3.45 -9.87	51.93 3.80 -0.01	59.81 3.58 -7.15	59.99 4.56 -0.45	73.59 4.44 -10.77	83.69 5.44 -6.71	78.86 5.27 -4.15	71.01 5.50 -0.02	62.83 4.76 -0.01	58.58 4.54 -0.01	56.37 4.27 -0.01	53.75 3.89 -0.01
GOWANUS_GT2_8 24121	45.84 3.00 -0.01	43.40 2.76 -0.01	42.12 2.68 -0.01	41.99 2.60 -0.01	42.83 2.61 -0.01	45.78 2.92 -0.01	52.45 3.48 0.00	59.45 4.25 -0.01	55.37 3.91 -0.01	49.96 3.53 -0.01	53.50 3.87 -0.01	52.89 3.87 -0.01	60.01 3.45 -9.87	51.93 3.80 -0.01	59.81 3.58 -7.15	59.99 4.56 -0.45	73.59 4.44 -10.77	83.69 5.44 -6.71	78.86 5.27 -4.15	71.01 5.50 -0.02	62.83 4.76 -0.01	58.58 4.54 -0.01	56.37 4.27 -0.01	53.75 3.89 -0.01
GOWANUS_GT3_1 24122	45.84 3.00 -0.01	43.40 2.76 -0.01	42.12 2.68 -0.01	41.99 2.60 -0.01	42.83 2.61 -0.01	45.78 2.92 -0.01	52.45 3.48 0.00	59.45 4.25 -0.01	55.37 3.91 -0.01	49.96 3.53 -0.01	53.50 3.87 -0.01	52.89 3.87 -0.01	60.15 3.45 -10.01	51.93 3.80 -0.01	59.92 3.58 -7.25	59.99 4.56 -0.45	73.59 4.44 -10.77	83.79 5.44 -6.80	78.91 5.27 -4.21	71.01 5.50 -0.02	62.83 4.76 -0.01	58.58 4.54 -0.01	56.37 4.27 -0.01	53.75 3.89 -0.01
GOWANUS_GT3_2 24123	45.84 3.00 -0.01	43.40 2.76 -0.01	42.12 2.68 -0.01	41.99 2.60 -0.01	42.83 2.61 -0.01	45.78 2.92 -0.01	52.45 3.48 0.00	59.45 4.25 -0.01	55.37 3.91 -0.01	49.96 3.53 -0.01	53.50 3.87 -0.01	52.89 3.87 -0.01	60.15 3.45 -10.01	51.93 3.80 -0.01	59.92 3.58 -7.25	59.99 4.56 -0.45	73.59 4.44 -10.77	83.79 5.44 -6.80	78.91 5.27 -4.21	71.01 5.50 -0.02	62.83 4.76 -0.01	58.58 4.54 -0.01	56.37 4.27 -0.01	53.75 3.89 -0.01
GOWANUS_GT3_3 24124	45.84 3.00 -0.01	43.40 2.76 -0.01	42.12 2.68 -0.01	41.99 2.60 -0.01	42.83 2.61 -0.01	45.78 2.92 -0.01	52.45 3.48 0.00	59.45 4.25 -0.01	55.37 3.91 -0.01	49.96 3.53 -0.01	53.50 3.87 -0.01	52.89 3.87 -0.01	60.15 3.45 -10.01	51.93 3.80 -0.01	59.92 3.58 -7.25	59.99 4.56 -0.45	73.59 4.44 -10.77	83.79 5.44 -6.80	78.91 5.27 -4.21	71.01 5.50 -0.02	62.83 4.76 -0.01	58.58 4.54 -0.01	56.37 4.27 -0.01	53.75 3.89 -0.01
GOWANUS_GT3_4 24125	45.84 3.00 -0.01	43.40 2.76 -0.01	42.12 2.68 -0.01	41.99 2.60 -0.01	42.83 2.61 -0.01	45.78 2.92 -0.01	52.45 3.48 0.00	59.45 4.25 -0.01	55.37 3.91 -0.01	49.96 3.53 -0.01	53.50 3.87 -0.01	52.89 3.87 -0.01	60.15 3.45 -10.01	51.93 3.80 -0.01	59.92 3.58 -7.25	59.99 4.56 -0.45	73.59 4.44 -10.77	83.79 5.44 -6.80	78.91 5.27 -4.21	71.01 5.50 -0.02	62.83 4.76 -0.01	58.58 4.54 -0.01	56.37 4.27 -0.01	53.75 3.89 -0.01
GOWANUS_GT3_5 24126	45.84 3.00 -0.01	43.40 2.76 -0.01	42.12 2.68 -0.01	41.99 2.60 -0.01	42.83 2.61 -0.01	45.78 2.92 -0.01	52.45 3.48 0.00	59.45 4.25 -0.01	55.37 3.91 -0.01	49.96 3.53 -0.01	53.50 3.87 -0.01	52.89 3.87 -0.01	60.15 3.45 -10.01	51.93 3.80 -0.01	59.92 3.58 -7.25	59.99 4.56 -0.45	73.59 4.44 -10.77	83.79 5.44 -6.80	78.91 5.27 -4.21	71.01 5.50 -0.02	62.83 4.76 -0.01	58.58 4.54 -0.01	56.37 4.27 -0.01	53.75 3.89 -0.01
GOWANUS_GT3_6 24127	45.84 3.00 -0.01	43.40 2.76 -0.01	42.12 2.68 -0.01	41.99 2.60 -0.01	42.83 2.61 -0.01	45.78 2.92 -0.01	52.45 3.48 0.00	59.45 4.25 -0.01	55.37 3.91 -0.01	49.96 3.53 -0.01	53.50 3.87 -0.01	52.89 3.87 -0.01	60.15 3.45 -10.01	51.93 3.80 -0.01	59.92 3.58 -7.25	59.99 4.56 -0.45	73.59 4.44 -10.77	83.79 5.44 -6.80	78.91 5.27 -4.21	71.01 5.50 -0.02	62.83 4.76 -0.01	58.58 4.54 -0.01	56.37 4.27 -0.01	53.75 3.89 -0.01
GOWANUS_GT3_7 24128	45.84 3.00 -0.01	43.40 2.76 -0.01	42.12 2.68 -0.01	41.99 2.60 -0.01	42.83 2.61 -0.01	45.78 2.92 -0.01	52.45 3.48 0.00	59.45 4.25 -0.01	55.37 3.91 -0.01	49.96 3.53 -0.01	53.50 3.87 -0.01	52.89 3.87 -0.01	60.15 3.45 -10.01	51.93 3.80 -0.01	59.92 3.58 -7.25	59.99 4.56 -0.45	73.59 4.44 -10.77	83.79 5.44 -6.80	78.91 5.27 -4.21	71.01 5.50 -0.02	62.83 4.76 -0.01	58.58 4.54 -0.01	56.37 4.27 -0.01	53.75 3.89 -0.01
GOWANUS_GT3_8 24129	45.84 3.00 -0.01	43.40 2.76 -0.01	42.12 2.68 -0.01	41.99 2.60 -0.01	42.83 2.61 -0.01	45.78 2.92 -0.01	52.45 3.48 0.00	59.45 4.25 -0.01	55.37 3.91 -0.01	49.96 3.53 -0.01	53.50 3.87 -0.01	52.89 3.87 -0.01	60.15 3.45 -10.01	51.93 3.80 -0.01	59.92 3.58 -7.25	59.99 4.56 -0.45	73.59 4.44 -10.77	83.79 5.44 -6.80	78.91 5.27 -4.21	71.01 5.50 -0.02	62.83 4.76 -0.01	58.58 4.54 -0.01	56.37 4.27 -0.01	53.75 3.89 -0.01
GOWANUS_GT4_1 24130	45.84 3.00 -0.01	43.40 2.76 -0.01	42.12 2.68 -0.01	41.99 2.60 -0.01	42.83 2.61 -0.01	45.78 2.91 -0.01	52.45 3.48 0.00	59.44 4.25 0.00	55.42 3.96 0.00	50.00 3.57 0.00	53.54 3.92 0.00	52.88 3.87 0.00	60.01 3.45 -9.87	51.92 3.80 0.00	59.82 3.58 -7.15	59.99 4.56 -0.45	73.60 4.44 -10.77	83.69 5.44 -6.71	78.86 5.28 -4.15	71.01 5.50 -0.02	62.82 4.76 0.00	58.57 4.54 0.00	56.36 4.27 0.00	53.75 3.89 -0.01
GOWANUS_GT4_2 24131	45.84 3.00 -0.01	43.40 2.76 -0.01	42.12 2.68 -0.01	41.99 2.60 -0.01	42.83 2.61 -0.01	45.78 2.91 -0.01	52.45 3.48 0.00	59.44 4.25 0.00	55.42 3.96 0.00	50.00 3.57 0.00	53.54 3.92 0.00	52.88 3.87 0.00	60.01 3.45 -9.87	51.92 3.80 0.00	59.82 3.58 -7.15	59.99 4.56 -0.45	73.60 4.44 -10.77	83.69 5.44 -6.71	78.86 5.28 -4.15	71.01 5.50 -0.02	62.82 4.76 0.00	58.57 4.54 0.00	56.36 4.27 0.00	53.75 3.89 -0.01
GOWANUS_GT4_3 24132	45.84 3.00 -0.01	43.40 2.76 -0.01	42.12 2.68 -0.01	41.99 2.60 -0.01	42.83 2.61 -0.01	45.78 2.91 -0.01	52.45 3.48 0.00	59.44 4.25 0.00	55.42 3.96 0.00	50.00 3.57 0.00	53.54 3.92 0.00	52.88 3.87 0.00	60.01 3.45 -9.87	51.92 3.80 0.00	59.82 3.58 -7.15	59.99 4.56 -0.45	73.60 4.44 -10.77	83.69 5.44 -6.71	78.86 5.28 -4.15	71.01 5.50 -0.02	62.82 4.76 0.00	58.57 4.54 0.00	56.36 4.27 0.00	53.75 3.89 -0.01
GOWANUS_GT4_4 24133	45.84 3.00 -0.01	43.40 2.76 -0.01	42.12 2.68 -0.01	41.99 2.60 -0.01	42.83 2.61 -0.01	45.78 2.91 -0.01	52.45 3.48 0.00	59.44 4.25 0.00	55.42 3.96 0.00	50.00 3.57 0.00	53.54 3.92 0.00	52.88 3.87 0.00	60.01 3.45 -9.87	51.92 3.80 0.00	59.82 3.58 -7.15	59.99 4.56 -0.45	73.60 4.44 -10.77	83.69 5.44 -6.71	78.86 5.28 -4.15	71.01 5.50 -0.02	62.82 4.76 0.00	58.57 4.54 0.00	56.36 4.27 0.00	53.75 3.89 -0.01

GOWANUS_GT4_5 24134	45.84 3.00 -0.01	43.40 2.76 -0.01	42.12 2.68 -0.01	41.99 2.60 -0.01	42.83 2.61 -0.01	45.78 2.91 -0.01	52.45 3.48 0.00	59.44 4.25 0.00	55.42 3.96 0.00	50.00 3.57 0.00	53.54 3.92 0.00	52.88 3.87 0.00	60.01 3.45 -9.87	51.92 3.80 0.00	59.82 3.58 -7.15	59.99 4.56 -0.45	73.60 4.44 -10.77	83.69 5.44 -6.71	78.86 5.28 -4.15	71.01 5.50 -0.02	62.82 4.76 0.00	58.57 4.54 0.00	56.36 4.27 0.00	53.75 3.89 -0.01
GOWANUS_GT4_6 24135	45.84 3.00 -0.01	43.40 2.76 -0.01	42.12 2.68 -0.01	41.99 2.60 -0.01	42.83 2.61 -0.01	45.78 2.91 -0.01	52.45 3.48 0.00	59.44 4.25 0.00	55.42 3.96 0.00	50.00 3.57 0.00	53.54 3.92 0.00	52.88 3.87 0.00	60.01 3.45 -9.87	51.92 3.80 0.00	59.82 3.58 -7.15	59.99 4.56 -0.45	73.60 4.44 -10.77	83.69 5.44 -6.71	78.86 5.28 -4.15	71.01 5.50 -0.02	62.82 4.76 0.00	58.57 4.54 0.00	56.36 4.27 0.00	53.75 3.89 -0.01
GOWANUS_GT4_7 24136	45.84 3.00 -0.01	43.40 2.76 -0.01	42.12 2.68 -0.01	41.99 2.60 -0.01	42.83 2.61 -0.01	45.78 2.91 -0.01	52.45 3.48 0.00	59.44 4.25 0.00	55.42 3.96 0.00	50.00 3.57 0.00	53.54 3.92 0.00	52.88 3.87 0.00	60.01 3.45 -9.87	51.92 3.80 0.00	59.82 3.58 -7.15	59.99 4.56 -0.45	73.60 4.44 -10.77	83.69 5.44 -6.71	78.86 5.28 -4.15	71.01 5.50 -0.02	62.82 4.76 0.00	58.57 4.54 0.00	56.36 4.27 0.00	53.75 3.89 -0.01
GOWANUS_GT4_8 24137	45.84 3.00 -0.01	43.40 2.76 -0.01	42.12 2.68 -0.01	41.99 2.60 -0.01	42.83 2.61 -0.01	45.78 2.91 -0.01	52.45 3.48 0.00	59.44 4.25 0.00	55.42 3.96 0.00	50.00 3.57 0.00	53.54 3.92 0.00	52.88 3.87 0.00	60.01 3.45 -9.87	51.92 3.80 0.00	59.82 3.58 -7.15	59.99 4.56 -0.45	73.60 4.44 -10.77	83.69 5.44 -6.71	78.86 5.28 -4.15	71.01 5.50 -0.02	62.82 4.76 0.00	58.57 4.54 0.00	56.36 4.27 0.00	53.75 3.89 -0.01
GREATVRV_69_KV_BK1 356245	46.87 4.03 -0.01	44.49 3.86 -0.01	43.19 3.75 -0.01	43.05 3.66 -0.01	43.96 3.74 -0.01	46.90 4.03 -0.01	57.09 4.90 -3.22	67.69 5.96 -6.54	57.00 5.51 -0.04	51.26 4.83 -0.01	54.95 5.21 -0.12	54.02 5.00 -0.01	52.20 4.86 -0.66	63.99 4.96 -10.91	69.29 5.20 -15.00	74.85 6.54 -13.33	96.00 7.12 -30.49	99.35 7.87 -19.93	98.52 7.57 -21.52	96.83 7.79 -23.54	91.99 6.97 -26.96	80.06 6.43 -19.60	70.01 5.47 -12.46	65.05 5.03 -10.16
GREENBSH_115KV_TB3 55895	44.25 1.41 0.00	42.01 1.38 0.00	40.73 1.30 0.00	40.68 1.30 0.00	41.50 1.29 0.00	44.27 1.41 0.00	50.49 1.52 0.00	56.95 1.77 0.00	53.20 1.75 0.00	48.09 1.67 0.00	51.51 1.89 0.00	50.87 1.86 0.00	48.51 1.82 0.00	50.00 1.88 0.00	51.00 1.91 0.00	57.01 2.03 0.00	65.84 2.04 -5.41	73.77 2.22 0.00	71.65 2.22 0.00	67.66 2.16 0.00	60.04 1.97 0.00	55.92 1.89 0.00	53.91 1.82 0.00	51.65 1.79 0.00
GREENDGE_115KV_TB5 80291	41.98 -0.86 0.00	39.69 -0.93 0.00	38.45 -0.99 0.00	38.51 -0.87 0.00	39.45 -0.76 0.00	41.92 -0.94 0.00	47.90 -1.08 0.00	54.14 -1.05 0.00	50.37 -1.08 0.00	45.26 -1.16 0.00	47.99 -1.64 0.00	47.44 -1.57 0.00	45.28 -1.40 0.00	46.58 -1.54 0.00	47.76 -1.33 0.00	53.82 -1.15 0.00	56.52 -1.17 0.70	71.12 -0.43 0.00	69.43 0.00 0.00	65.50 0.00 0.00	57.95 -0.12 0.00	53.55 -0.49 0.00	51.83 -0.26 0.00	49.65 -0.20 0.00
GREENIDGE___3 23582	41.98 -0.86 0.00	39.69 -0.93 0.00	38.45 -0.99 0.00	38.51 -0.87 0.00	39.45 -0.76 0.00	41.92 -0.94 0.00	47.90 -1.08 0.00	54.14 -1.05 0.00	50.37 -1.08 0.00	45.26 -1.16 0.00	47.99 -1.64 0.00	47.44 -1.57 0.00	45.28 -1.40 0.00	46.58 -1.54 0.00	47.76 -1.33 0.00	53.82 -1.15 0.00	56.52 -1.17 0.70	71.12 -0.43 0.00	69.43 0.00 0.00	65.50 0.00 0.00	57.95 -0.12 0.00	53.55 -0.49 0.00	51.83 -0.26 0.00	49.65 -0.20 0.00
GREENIDGE___4 23583	41.98 -0.86 0.00	39.69 -0.93 0.00	38.49 -0.95 0.00	38.55 -0.83 0.00	39.45 -0.77 0.00	41.92 -0.94 0.00	47.90 -1.08 0.00	54.20 -0.99 0.00	50.43 -1.03 0.00	45.31 -1.11 0.00	48.03 -1.59 0.00	47.44 -1.57 0.00	45.29 -1.40 0.00	46.58 -1.54 0.00	47.76 -1.32 0.00	53.88 -1.10 0.00	56.52 -1.17 0.70	71.12 -0.43 0.00	69.43 0.00 0.00	65.50 0.00 0.00	57.95 -0.12 0.00	53.54 -0.49 0.00	51.83 -0.26 0.00	49.65 -0.20 0.00
GREENLWN_69_KV_BK 3 55738	45.80 2.96 -0.01	43.44 2.80 -0.01	42.20 2.76 -0.01	42.15 2.76 -0.01	42.96 2.73 -0.01	45.78 2.91 -0.01	55.73 3.58 -3.18	66.07 4.42 -6.47	55.71 4.22 -0.04	50.19 3.76 -0.01	53.71 3.97 -0.12	52.89 3.87 -0.01	51.07 3.73 -0.65	62.72 3.80 -10.80	67.85 3.93 -14.84	73.17 5.00 -13.19	93.92 5.31 -30.22	97.40 6.15 -19.70	96.74 6.04 -21.27	94.40 5.63 -23.27	89.85 5.11 -26.68	78.18 4.75 -19.39	68.37 3.96 -12.33	63.55 3.64 -10.06
GREENWD_138_KV_38B11_REV_LBMP_J 345004	45.84 3.00 -0.01	43.40 2.76 -0.01	42.12 2.68 -0.01	41.99 2.60 -0.01	42.83 2.61 -0.01	45.78 2.91 -0.01	52.45 3.48 0.00	59.44 4.25 0.00	55.42 3.96 0.00	50.00 3.57 0.00	53.54 3.92 0.00	52.88 3.87 0.00	60.15 3.45 -10.01	51.92 3.80 0.00	59.92 3.58 -7.25	59.99 4.56 -0.45	73.60 4.44 -10.77	83.79 5.44 -6.80	78.92 5.28 -4.21	71.01 5.50 -0.02	62.82 4.76 0.00	58.57 4.54 0.00	56.36 4.27 0.00	53.75 3.89 -0.01
GRISSOM___SOLAR 323813	44.03 1.20 0.00	41.84 1.22 0.00	40.54 1.10 0.00	40.48 1.10 0.00	41.30 1.09 0.00	44.23 1.37 0.00	50.54 1.57 0.00	57.17 1.98 0.00	52.84 1.39 0.00	47.12 0.70 0.00	50.22 0.60 0.00	49.36 0.35 0.00	46.87 0.19 0.00	48.70 0.58 0.00	50.12 1.03 0.00	56.85 1.87 0.00	66.71 2.22 -6.11	74.34 2.79 0.00	72.34 2.92 0.00	68.12 2.62 0.00	60.32 2.26 0.00	56.03 2.00 0.00	54.07 1.98 0.00	51.70 1.85 0.00
GROVEVILLE___HYD 323602	45.32 2.48 0.00	42.98 2.36 0.00	41.76 2.33 0.00	41.63 2.24 0.00	42.46 2.25 0.00	45.30 2.44 0.00	51.91 2.94 0.00	58.67 3.48 0.00	54.90 3.45 0.00	49.49 3.06 0.00	52.95 3.32 0.00	52.29 3.28 0.00	49.86 3.17 0.00	51.34 3.22 0.00	52.47 3.39 0.00	59.04 4.07 0.00	67.24 4.38 -4.48	76.92 5.37 0.00	74.57 5.14 0.00	70.28 4.78 0.00	62.19 4.12 0.00	58.03 4.00 0.00	55.63 3.54 0.00	53.14 3.29 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	42.32 -0.51 0.00	40.10 -0.53 0.00	38.88 -0.55 0.00	38.87 -0.51 0.00	39.69 -0.52 0.00	42.30 -0.56 0.00	48.39 -0.59 0.00	54.36 -0.83 0.00	50.73 -0.72 0.00	45.77 -0.65 0.00	48.93 -0.69 0.00	48.37 -0.64 0.00	46.12 -0.56 0.00	47.54 -0.58 0.00	48.54 -0.54 0.00	54.43 -0.55 0.00	58.29 -0.64 -0.55	70.98 -0.57 0.00	68.87 -0.56 0.00	64.91 -0.59 0.00	57.48 -0.58 0.00	53.33 -0.70 0.00	51.52 -0.57 0.00	49.25 -0.60 0.00
HAMLTNNY_34_KV_TB 80303	42.28 -0.56 0.00	40.06 -0.57 0.00	38.80 -0.63 0.00	38.79 -0.59 0.00	39.65 -0.56 0.00	42.26 -0.60 0.00	48.29 -0.69 0.00	54.31 -0.88 0.00	50.68 -0.77 0.00	45.73 -0.70 0.00	48.83 -0.79 0.00	48.27 -0.74 0.00	46.03 -0.65 0.00	47.45 -0.67 0.00	48.45 -0.64 0.00	54.32 -0.66 0.00	58.13 -0.76 -0.50	70.91 -0.64 0.00	68.80 -0.62 0.00	64.84 -0.65 0.00	57.42 -0.64 0.00	53.33 -0.70 0.00	51.52 -0.57 0.00	49.25 -0.60 0.00

HAMPSHIRE___PAPER_HYD 323593	42.58 -0.26 0.00	40.46 -0.16 0.00	39.31 -0.12 0.00	39.30 -0.08 0.00	40.05 -0.16 0.00	42.65 -0.21 0.00	48.39 -0.59 0.00	54.86 -0.33 0.00	50.94 -0.51 0.00	45.77 -0.65 0.00	49.22 -0.40 0.00	48.57 -0.44 0.00	46.08 -0.61 0.00	47.64 -0.48 0.00	48.40 -0.69 0.00	53.99 -0.99 0.00	57.27 -1.23 -0.12	70.26 -1.29 0.00	68.04 -1.39 0.00	64.32 -1.18 0.00	57.13 -0.93 0.00	53.76 -0.27 0.00	51.83 -0.26 0.00	49.70 -0.15 0.00
HARDSCRABBLE_WT_PWR 323673	44.97 2.14 0.00	42.62 1.99 0.00	41.33 1.89 0.00	41.27 1.89 0.00	42.14 1.93 0.00	44.96 2.10 0.00	51.28 2.30 0.00	57.78 2.59 0.00	53.82 2.37 0.00	48.56 2.14 0.00	51.86 2.24 0.00	51.22 2.21 0.00	48.65 1.96 0.00	50.19 2.07 0.00	51.19 2.11 0.00	57.39 2.42 0.00	60.95 2.57 0.00	74.69 3.14 0.00	72.56 3.13 0.00	68.51 3.01 0.00	60.79 2.73 0.00	56.57 2.54 0.00	54.59 2.50 0.00	52.29 2.44 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	45.02 2.18 0.00	42.66 2.03 0.00	41.44 2.01 0.00	41.31 1.93 0.00	42.14 1.93 0.00	45.00 2.14 0.00	51.62 2.64 0.00	58.39 3.20 0.00	54.59 3.14 0.00	49.21 2.79 0.00	52.65 3.03 0.00	52.00 2.99 0.00	49.58 2.89 0.00	51.10 2.98 0.00	52.22 3.14 0.00	58.66 3.68 0.00	66.67 4.09 -4.19	76.56 5.01 0.00	74.22 4.79 0.00	69.88 4.39 0.00	61.84 3.77 0.00	57.65 3.62 0.00	55.27 3.18 0.00	52.74 2.89 0.00
HARSNRAD_115KV_TB1 81005	39.41 -3.43 0.00	37.17 -3.45 0.00	36.04 -3.39 0.00	35.88 -3.50 0.00	37.04 -3.18 0.00	38.75 -4.11 0.00	43.39 -5.58 0.00	48.79 -6.40 0.00	45.59 -5.87 0.00	41.60 -4.83 0.00	44.02 -5.61 0.00	43.57 -5.44 0.00	41.69 -5.00 0.00	42.73 -5.39 0.00	43.88 -5.20 0.00	48.98 -5.99 0.00	51.56 -7.12 -0.30	63.75 -7.80 0.00	62.21 -7.22 0.00	59.01 -6.48 0.00	52.66 -5.40 0.00	48.90 -5.13 0.00	48.03 -4.06 0.00	46.06 -3.79 0.00
HARZA MOOSE___RIVER 24016	43.17 0.34 0.00	40.95 0.33 0.00	39.71 0.28 0.00	39.70 0.32 0.00	40.49 0.28 0.00	43.20 0.34 0.00	49.17 0.20 0.00	55.69 0.50 0.00	51.87 0.41 0.00	46.70 0.28 0.00	50.02 0.40 0.00	49.35 0.34 0.00	46.87 0.19 0.00	48.55 0.43 0.00	49.53 0.44 0.00	55.52 0.55 0.00	59.18 0.64 -0.15	72.55 1.00 0.00	70.26 0.83 0.00	66.35 0.85 0.00	58.93 0.87 0.00	54.95 0.92 0.00	52.92 0.83 0.00	50.65 0.80 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	42.06 -0.77 0.00	39.85 -0.77 0.00	38.64 -0.79 0.00	38.59 -0.79 0.00	39.45 -0.76 0.00	42.05 -0.81 0.00	48.05 -0.93 0.00	53.97 -1.21 0.00	50.32 -1.13 0.00	45.45 -0.97 0.00	48.53 -1.09 0.00	48.03 -0.98 0.00	45.80 -0.89 0.00	47.20 -0.91 0.00	48.15 -0.93 0.00	53.99 -0.99 0.00	57.72 -1.11 -0.44	70.33 -1.22 0.00	68.32 -1.11 0.00	64.38 -1.11 0.00	57.02 -1.05 0.00	52.95 -1.08 0.00	51.10 -0.99 0.00	48.90 -0.95 0.00
HELLGATE_13_KV_LD 55870	45.88 3.04 -0.01	43.52 2.88 -0.01	42.24 2.80 -0.01	42.11 2.72 -0.01	42.95 2.73 -0.01	45.83 2.96 -0.01	52.55 3.58 0.00	59.71 4.53 0.00	55.78 4.32 0.00	50.32 3.90 0.00	53.89 4.27 0.00	53.22 4.21 0.00	60.62 3.97 -9.97	52.21 4.09 0.00	60.43 4.12 -7.22	60.32 4.89 -0.45	74.24 5.08 -10.77	84.41 6.08 -6.77	79.59 5.97 -4.19	71.21 5.70 -0.02	63.11 5.05 0.00	58.68 4.65 0.00	56.36 4.27 0.00	53.75 3.89 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	45.88 3.04 -0.01	43.52 2.88 -0.01	42.24 2.80 -0.01	42.11 2.72 -0.01	42.95 2.73 -0.01	45.83 2.96 -0.01	52.55 3.58 0.00	59.71 4.53 0.00	55.78 4.32 0.00	50.32 3.90 0.00	53.89 4.27 0.00	53.22 4.21 0.00	60.62 3.97 -9.97	52.21 4.09 0.00	60.43 4.12 -7.22	60.32 4.89 -0.45	74.24 5.08 -10.77	84.41 6.08 -6.77	79.59 5.97 -4.19	71.21 5.70 -0.02	63.11 5.05 0.00	58.68 4.65 0.00	56.36 4.27 0.00	53.75 3.89 -0.01
HEMPSTEAD____ 23647	45.63 2.78 -0.01	43.28 2.64 -0.01	42.01 2.56 -0.01	41.95 2.56 -0.01	42.80 2.58 -0.01	45.62 2.75 -0.01	56.97 3.28 -4.71	68.91 4.14 -9.59	55.47 3.96 -0.05	50.01 3.57 -0.01	53.62 3.82 -0.18	52.85 3.83 -0.01	51.34 3.69 -0.96	67.82 3.71 -16.00	74.91 3.83 -21.99	78.97 4.45 -19.55	105.86 4.84 -42.63	106.53 5.79 -29.19	106.57 5.62 -31.52	105.22 5.24 -34.48	102.18 4.59 -39.53	87.03 4.27 -28.73	74.15 3.80 -18.26	68.24 3.49 -14.90
HICKLING___1 23621	41.38 -1.46 0.00	39.12 -1.50 0.00	37.93 -1.50 0.00	37.96 -1.42 0.00	38.89 -1.33 0.00	41.23 -1.63 0.00	46.97 -2.01 0.00	52.98 -2.21 0.00	49.34 -2.11 0.00	44.57 -1.86 0.00	47.34 -2.28 0.00	46.80 -2.21 0.00	44.77 -1.91 0.00	46.00 -2.12 0.00	47.12 -1.96 0.00	53.00 -1.98 0.00	55.97 -2.34 0.08	69.47 -2.07 0.00	67.69 -1.74 0.00	63.86 -1.64 0.00	56.61 -1.45 0.00	52.46 -1.57 0.00	50.84 -1.25 0.00	48.75 -1.10 0.00
HICKLING___2 23622	41.38 -1.46 0.00	39.12 -1.50 0.00	37.93 -1.50 0.00	37.96 -1.42 0.00	38.89 -1.33 0.00	41.23 -1.63 0.00	46.97 -2.01 0.00	52.98 -2.21 0.00	49.34 -2.11 0.00	44.57 -1.86 0.00	47.34 -2.28 0.00	46.80 -2.21 0.00	44.77 -1.91 0.00	46.00 -2.12 0.00	47.12 -1.96 0.00	53.00 -1.98 0.00	55.97 -2.34 0.08	69.47 -2.07 0.00	67.69 -1.74 0.00	63.86 -1.64 0.00	56.61 -1.45 0.00	52.46 -1.57 0.00	50.84 -1.25 0.00	48.75 -1.10 0.00
HIGH FALLS___HY 23754	45.27 2.44 0.00	42.90 2.28 0.00	41.72 2.29 0.00	41.59 2.21 0.00	42.42 2.21 0.00	45.26 2.40 0.00	51.91 2.94 0.00	58.67 3.48 0.00	54.85 3.40 0.00	49.35 2.92 0.00	52.75 3.13 0.00	52.10 3.09 0.00	49.67 2.99 0.00	51.15 3.03 0.00	52.27 3.19 0.00	58.88 3.90 0.00	67.28 4.44 -4.46	77.13 5.58 0.00	74.71 5.28 0.00	70.47 4.98 0.00	62.30 4.24 0.00	58.19 4.16 0.00	55.73 3.65 0.00	53.19 3.34 0.00
HIGH_RIVER___SOLAR 323847	43.90 1.07 0.00	41.72 1.10 0.00	40.42 0.99 0.00	40.37 0.98 0.00	41.18 0.96 0.00	44.10 1.24 0.00	50.40 1.42 0.00	56.90 1.71 0.00	52.58 1.13 0.00	46.84 0.42 0.00	49.97 0.35 0.00	49.21 0.20 0.00	46.73 0.05 0.00	48.41 0.29 0.00	49.77 0.69 0.00	56.40 1.43 0.00	66.35 1.92 -6.04	74.05 2.50 0.00	72.07 2.64 0.00	67.85 2.35 0.00	60.09 2.03 0.00	55.81 1.78 0.00	53.86 1.77 0.00	51.49 1.64 0.00
HILLBURN___GT 23639	44.97 2.14 0.00	42.62 1.99 0.00	41.36 1.93 0.00	41.27 1.89 0.00	42.10 1.89 0.00	44.96 2.10 0.00	51.62 2.64 0.00	58.50 3.31 0.00	54.65 3.19 0.00	49.26 2.83 0.00	52.75 3.13 0.00	52.10 3.09 0.00	49.72 3.03 0.00	51.20 3.08 0.00	52.27 3.19 0.00	58.72 3.74 0.00	66.73 4.09 -4.25	76.56 5.01 0.00	74.29 4.86 0.00	69.95 4.46 0.00	61.89 3.83 0.00	57.54 3.51 0.00	55.16 3.07 0.00	52.69 2.84 0.00
HILLSIDE_115KV_TB1 80332	41.16 -1.67 0.00	38.92 -1.71 0.00	37.74 -1.70 0.00	37.73 -1.65 0.00	38.64 -1.57 0.00	41.02 -1.84 0.00	46.72 -2.25 0.00	52.65 -2.54 0.00	48.98 -2.47 0.00	44.24 -2.18 0.00	47.04 -2.58 0.00	46.51 -2.50 0.00	44.44 -2.24 0.00	45.66 -2.45 0.00	46.78 -2.31 0.00	52.56 -2.42 0.00	55.62 -2.80 -0.04	68.83 -2.72 0.00	67.00 -2.43 0.00	63.20 -2.29 0.00	56.09 -1.97 0.00	51.98 -2.05 0.00	50.32 -1.77 0.00	48.31 -1.55 0.00

HISHELDN_WT_PWR 323625	39.28 -3.55 0.00	37.09 -3.53 0.00	36.00 -3.43 0.00	35.95 -3.43 0.00	36.92 -3.30 0.00	38.79 -4.07 0.00	43.69 -5.29 0.00	49.06 -6.13 0.00	45.85 -5.61 0.00	41.69 -4.74 0.00	44.02 -5.61 0.00	43.52 -5.49 0.00	41.60 -5.09 0.00	42.68 -5.44 0.00	43.83 -5.25 0.00	49.20 -5.77 0.00	51.96 -6.66 -0.23	64.33 -7.22 0.00	62.90 -6.53 0.00	59.54 -5.96 0.00	53.13 -4.94 0.00	49.28 -4.76 0.00	48.23 -3.85 0.00	46.31 -3.54 0.00
HOLTSVILLE_IC_1 23690	46.09 3.25 -0.01	43.81 3.17 -0.01	42.56 3.11 -0.01	42.42 3.03 -0.01	43.32 3.10 -0.01	46.12 3.26 -0.01	55.94 3.87 -3.10	66.28 4.80 -6.30	56.02 4.53 -0.03	50.43 3.99 -0.01	53.95 4.22 -0.12	53.14 4.12 -0.01	51.38 4.06 -0.63	62.71 4.09 -10.51	67.80 4.27 -14.45	73.10 5.28 -12.84	93.81 5.89 -29.53	97.70 6.94 -19.21	96.99 6.81 -20.75	94.61 6.42 -22.69	89.72 5.69 -25.97	78.20 5.30 -18.87	68.57 4.48 -12.00	63.73 4.09 -9.79
HOLTSVILLE_IC_10 23699	46.35 3.51 -0.01	44.01 3.37 -0.01	42.75 3.31 -0.01	42.62 3.23 -0.01	43.52 3.30 -0.01	46.34 3.47 -0.01	56.26 4.16 -3.13	66.68 5.13 -6.35	56.32 4.84 -0.03	50.70 4.27 -0.01	54.25 4.52 -0.12	53.38 4.36 -0.01	51.67 4.34 -0.64	63.10 4.38 -10.60	68.28 4.61 -14.58	73.60 5.66 -12.96	94.46 6.31 -29.76	98.45 7.51 -19.39	97.72 7.36 -20.94	95.34 6.94 -22.90	90.42 6.15 -26.21	78.80 5.72 -19.05	69.04 4.85 -12.11	64.16 4.44 -9.88
HOLTSVILLE_IC_2 23691	46.09 3.25 -0.01	43.81 3.17 -0.01	42.56 3.11 -0.01	42.42 3.03 -0.01	43.32 3.10 -0.01	46.12 3.26 -0.01	55.94 3.87 -3.10	66.28 4.80 -6.30	56.02 4.53 -0.03	50.43 3.99 -0.01	53.95 4.22 -0.12	53.14 4.12 -0.01	51.38 4.06 -0.63	62.71 4.09 -10.51	67.80 4.27 -14.45	73.10 5.28 -12.84	93.81 5.89 -29.53	97.70 6.94 -19.21	96.99 6.81 -20.75	94.61 6.42 -22.69	89.72 5.69 -25.97	78.20 5.30 -18.87	68.57 4.48 -12.00	63.73 4.09 -9.79
HOLTSVILLE_IC_3 23692	46.09 3.25 -0.01	43.81 3.17 -0.01	42.56 3.11 -0.01	42.42 3.03 -0.01	43.32 3.10 -0.01	46.12 3.26 -0.01	55.94 3.87 -3.10	66.28 4.80 -6.30	56.02 4.53 -0.03	50.43 3.99 -0.01	53.95 4.22 -0.12	53.14 4.12 -0.01	51.38 4.06 -0.63	62.71 4.09 -10.51	67.80 4.27 -14.45	73.10 5.28 -12.84	93.81 5.89 -29.53	97.70 6.94 -19.21	96.99 6.81 -20.75	94.61 6.42 -22.69	89.72 5.69 -25.97	78.20 5.30 -18.87	68.57 4.48 -12.00	63.73 4.09 -9.79
HOLTSVILLE_IC_4 23693	46.09 3.25 -0.01	43.81 3.17 -0.01	42.56 3.11 -0.01	42.42 3.03 -0.01	43.32 3.10 -0.01	46.12 3.26 -0.01	55.94 3.87 -3.10	66.28 4.80 -6.30	56.02 4.53 -0.03	50.43 3.99 -0.01	53.95 4.22 -0.12	53.14 4.12 -0.01	51.38 4.06 -0.63	62.71 4.09 -10.51	67.80 4.27 -14.45	73.10 5.28 -12.84	93.81 5.89 -29.53	97.70 6.94 -19.21	96.99 6.81 -20.75	94.61 6.42 -22.69	89.72 5.69 -25.97	78.20 5.30 -18.87	68.57 4.48 -12.00	63.73 4.09 -9.79
HOLTSVILLE_IC_5 23694	46.09 3.25 -0.01	43.81 3.17 -0.01	42.56 3.11 -0.01	42.42 3.03 -0.01	43.32 3.10 -0.01	46.12 3.26 -0.01	55.94 3.87 -3.10	66.28 4.80 -6.30	56.02 4.53 -0.03	50.43 3.99 -0.01	53.95 4.22 -0.12	53.14 4.12 -0.01	51.38 4.06 -0.63	62.71 4.09 -10.51	67.80 4.27 -14.45	73.10 5.28 -12.84	93.81 5.89 -29.53	97.70 6.94 -19.21	96.99 6.81 -20.75	94.61 6.42 -22.69	89.72 5.69 -25.97	78.20 5.30 -18.87	68.57 4.48 -12.00	63.73 4.09 -9.79
HOLTSVILLE_IC_6 23695	46.35 3.51 -0.01	44.01 3.37 -0.01	42.75 3.31 -0.01	42.62 3.23 -0.01	43.52 3.30 -0.01	46.34 3.47 -0.01	56.26 4.16 -3.13	66.68 5.13 -6.35	56.32 4.84 -0.03	50.70 4.27 -0.01	54.25 4.52 -0.12	53.38 4.36 -0.01	51.67 4.34 -0.64	63.10 4.38 -10.60	68.28 4.61 -14.58	73.60 5.66 -12.96	94.46 6.31 -29.76	98.45 7.51 -19.39	97.72 7.36 -20.94	95.34 6.94 -22.90	90.42 6.15 -26.21	78.80 5.72 -19.05	69.04 4.85 -12.11	64.16 4.44 -9.88
HOLTSVILLE_IC_7 23696	46.35 3.51 -0.01	44.01 3.37 -0.01	42.75 3.31 -0.01	42.62 3.23 -0.01	43.52 3.30 -0.01	46.34 3.47 -0.01	56.26 4.16 -3.13	66.68 5.13 -6.35	56.32 4.84 -0.03	50.70 4.27 -0.01	54.25 4.52 -0.12	53.38 4.36 -0.01	51.67 4.34 -0.64	63.10 4.38 -10.60	68.28 4.61 -14.58	73.60 5.66 -12.96	94.46 6.31 -29.76	98.45 7.51 -19.39	97.72 7.36 -20.94	95.34 6.94 -22.90	90.42 6.15 -26.21	78.80 5.72 -19.05	69.04 4.85 -12.11	64.16 4.44 -9.88
HOLTSVILLE_IC_8 23697	46.35 3.51 -0.01	44.01 3.37 -0.01	42.75 3.31 -0.01	42.62 3.23 -0.01	43.52 3.30 -0.01	46.34 3.47 -0.01	56.26 4.16 -3.13	66.68 5.13 -6.35	56.32 4.84 -0.03	50.70 4.27 -0.01	54.25 4.52 -0.12	53.38 4.36 -0.01	51.67 4.34 -10.60	63.10 4.38 -14.58	68.28 4.61 -12.96	73.60 5.66 -29.76	94.46 6.31 -19.39	98.45 7.51 -20.94	97.72 7.36 -22.90	95.34 6.94 -22.90	90.42 6.15 -26.21	78.80 5.72 -19.05	69.04 4.85 -12.11	64.16 4.44 -9.88
HOLTSVILLE_IC_9 23698	46.35 3.51 -0.01	44.01 3.37 -0.01	42.75 3.31 -0.01	42.62 3.23 -0.01	43.52 3.30 -0.01	46.34 3.47 -0.01	56.26 4.16 -3.13	66.68 5.13 -6.35	56.32 4.84 -0.03	50.70 4.27 -0.01	54.25 4.52 -0.12	53.38 4.36 -0.01	51.67 4.34 -0.64	63.10 4.38 -10.60	68.28 4.61 -14.58	73.60 5.66 -12.96	94.46 6.31 -29.76	98.45 7.51 -19.39	97.72 7.36 -20.94	95.34 6.94 -22.90	90.42 6.15 -26.21	78.80 5.72 -19.05	69.04 4.85 -12.11	64.16 4.44 -9.88
HOMER_HL_115KV_TB2 355744	39.83 -3.00 0.00	37.58 -3.05 0.00	36.51 -2.92 0.00	36.55 -2.84 0.00	37.56 -2.65 0.00	39.52 -3.34 0.00	44.71 -4.26 0.00	50.11 -5.08 0.00	46.62 -4.84 0.00	42.25 -4.18 0.00	44.66 -4.96 0.00	44.16 -4.85 0.00	42.30 -4.39 0.00	43.31 -4.81 0.00	44.52 -4.56 0.00	49.97 -5.00 0.00	52.80 -5.84 -0.26	65.54 -6.01 0.00	64.08 -5.35 0.00	60.58 -4.91 0.00	54.00 -4.06 0.00	49.98 -4.05 0.00	48.70 -3.39 0.00	46.91 -2.94 0.00
HOWARD_WT_PWR 323690	39.32 -3.51 0.00	37.17 -3.45 0.00	36.04 -3.39 0.00	36.03 -3.35 0.00	36.92 -3.30 0.00	39.00 -3.86 0.00	44.32 -4.65 0.00	50.11 -5.08 0.00	46.67 -4.78 0.00	42.01 -4.41 0.00	44.36 -5.26 0.00	43.77 -5.24 0.00	41.78 -4.90 0.00	42.97 -5.15 0.00	44.13 -4.96 0.00	49.64 -5.33 0.00	52.40 -5.72 0.27	65.61 -5.94 0.00	64.22 -5.21 0.00	60.78 -4.72 0.00	54.06 -4.01 0.00	50.03 -4.00 0.00	48.70 -3.38 0.00	46.76 -3.09 0.00
HQ_GEN_CEDARS 23644	43.00 0.17 0.00	40.87 0.24 0.00	39.75 0.32 0.00	39.74 0.35 0.00	40.53 0.32 0.00	43.16 0.30 0.00	49.37 0.39 0.00	55.74 0.55 0.00	51.81 0.36 0.00	46.61 0.19 0.00	49.82 0.20 0.00	49.16 0.15 0.00	46.78 0.09 0.00	48.17 0.05 0.00	49.03 -0.05 0.00	54.76 -0.22 0.00	58.15 -0.23 0.00	71.26 -0.29 0.00	69.08 -0.35 0.00	65.30 -0.20 0.00	58.00 -0.06 0.00	54.19 0.16 0.00	52.24 0.16 0.00	50.05 0.20 0.00
HQ_GEN_CEDARS_PROXY 323590	43.00 0.17 0.00	40.87 0.25 0.00	39.75 0.31 0.00	39.73 0.35 0.00	40.53 0.32 0.00	43.16 0.30 0.00	49.37 0.39 0.00	55.74 0.55 0.00	51.82 0.36 0.00	46.61 0.19 0.00	49.82 0.20 0.00	49.16 0.15 0.00	46.78 0.09 0.00	48.17 0.05 0.00	49.03 -0.05 0.00	54.76 -0.22 0.00	95.00 -0.23 -36.85	95.00 -0.29 -23.74	95.00 -0.35 -25.92	95.00 -0.20 -29.70	95.00 -0.06 -37.00	54.19 0.16 0.00	52.24 0.16 0.00	50.05 0.20 0.00

HQ_GEN_IMPORT 323601	42.62 -0.21 0.00	40.46 -0.16 0.00	39.28 -0.16 0.00	39.26 -0.12 0.00	40.09 -0.12 0.00	42.69 -0.17 0.00	48.83 -0.15 0.00	55.08 -0.11 0.00	51.25 -0.20 0.00	46.19 -0.23 0.00	49.38 -0.25 0.00	48.72 -0.29 0.00	46.41 -0.28 0.00	47.83 -0.29 0.00	48.74 -0.34 0.00	54.53 -0.44 0.00	57.92 -0.47 0.00	70.97 -0.57 0.00	68.87 -0.56 0.00	64.97 -0.53 0.00	57.66 -0.40 0.00	53.71 -0.32 0.00	51.78 -0.31 0.00	49.55 -0.30 0.00
HQ_GEN_WHEEL 23651	42.62 -0.21 0.00	40.46 -0.16 0.00	39.28 -0.16 0.00	39.26 -0.12 0.00	40.09 -0.12 0.00	42.69 -0.17 0.00	48.83 -0.15 0.00	55.08 -0.11 0.00	51.25 -0.20 0.00	46.19 -0.23 0.00	49.38 -0.25 0.00	48.72 -0.29 0.00	46.41 -0.28 0.00	47.83 -0.29 0.00	48.74 -0.34 0.00	54.53 -0.44 0.00	57.92 -0.47 0.00	70.97 -0.57 0.00	68.87 -0.56 0.00	64.97 -0.53 0.00	57.66 -0.40 0.00	53.71 -0.32 0.00	51.78 -0.31 0.00	49.55 -0.30 0.00
HUDSON AVE_GT_3 23810	45.44 2.61 0.00	43.10 2.48 0.00	41.84 2.41 0.00	41.70 2.32 0.00	42.54 2.33 0.00	45.43 2.57 0.00	52.21 3.23 0.00	59.33 4.14 0.00	55.47 4.01 0.00	50.09 3.67 0.00	53.59 3.97 0.00	52.93 3.92 0.00	60.34 3.83 -9.82	51.92 3.80 0.00	60.17 3.98 -7.12	59.98 4.56 -0.44	74.03 4.96 -10.68	84.31 6.08 -6.67	79.46 5.90 -4.13	70.95 5.44 -0.02	62.71 4.65 0.00	58.30 4.27 0.00	55.89 3.80 0.00	53.29 3.44 0.00
HUDSON AVE_GT_4 23540	45.44 2.61 0.00	43.10 2.48 0.00	41.84 2.41 0.00	41.70 2.32 0.00	42.54 2.33 0.00	45.43 2.57 0.00	52.21 3.23 0.00	59.33 4.14 0.00	55.47 4.01 0.00	50.09 3.67 0.00	53.59 3.97 0.00	52.93 3.92 0.00	60.34 3.83 -9.82	51.92 3.80 0.00	60.17 3.98 -7.12	59.98 4.56 -0.44	74.03 4.96 -10.68	84.31 6.08 -6.67	79.46 5.90 -4.13	70.95 5.44 -0.02	62.71 4.65 0.00	58.30 4.27 0.00	55.89 3.80 0.00	53.29 3.44 0.00
HUDSON AVE_GT_5 23657	45.44 2.61 0.00	43.10 2.48 0.00	41.84 2.41 0.00	41.70 2.32 0.00	42.54 2.33 0.00	45.43 2.57 0.00	52.21 3.23 0.00	59.33 4.14 0.00	55.47 4.01 0.00	50.09 3.67 0.00	53.59 3.97 0.00	52.93 3.92 0.00	60.34 3.83 -9.82	51.92 3.80 0.00	60.17 3.98 -7.12	59.98 4.56 -0.44	74.03 4.96 -10.68	84.31 6.08 -6.67	79.46 5.90 -4.13	70.95 5.44 -0.02	62.71 4.65 0.00	58.30 4.27 0.00	55.89 3.80 0.00	53.29 3.44 0.00
HUDSON_AVE_10 24168	45.27 2.44 0.00	42.94 2.32 0.00	41.68 2.25 0.00	41.55 2.17 0.00	42.38 2.17 0.00	45.26 2.40 0.00	52.01 3.04 0.00	59.05 3.86 0.00	55.26 3.81 0.00	49.86 3.44 0.00	53.34 3.72 0.00	52.73 3.72 0.00	60.10 3.59 -9.82	51.73 3.61 0.00	59.93 3.73 -7.12	59.71 4.29 -0.44	73.79 4.73 -10.68	84.02 5.80 -6.67	79.19 5.62 -4.13	70.62 5.11 -0.02	62.42 4.35 0.00	58.03 4.00 0.00	55.68 3.59 0.00	53.09 3.24 0.00
HUDSON___115KV_TB 4 355613	44.93 2.10 0.00	42.66 2.03 0.00	41.40 1.97 0.00	41.35 1.97 0.00	42.14 1.93 0.00	44.96 2.10 0.00	51.33 2.35 0.00	57.73 2.54 0.00	53.87 2.42 0.00	48.51 2.09 0.00	51.81 2.18 0.00	51.07 2.06 0.00	48.65 1.96 0.00	50.19 2.07 0.00	51.29 2.21 0.00	57.61 2.64 0.00	66.39 2.69 -5.32	75.13 3.58 0.00	72.97 3.54 0.00	68.84 3.34 0.00	61.08 3.02 0.00	57.00 2.97 0.00	54.85 2.76 0.00	52.59 2.74 0.00
HUNTER MOUNT___DRP 323613	45.06 2.23 0.00	42.74 2.11 0.00	41.52 2.09 0.00	41.47 2.09 0.00	42.26 2.05 0.00	45.09 2.23 0.00	51.42 2.45 0.00	57.73 2.54 0.00	53.87 2.42 0.00	48.47 2.04 0.00	51.71 2.08 0.00	50.97 1.96 0.00	48.55 1.87 0.00	50.09 1.97 0.00	51.24 2.16 0.00	57.67 2.69 0.00	66.11 2.51 -5.22	75.27 3.72 0.00	73.04 3.61 0.00	68.90 3.41 0.00	61.14 3.08 0.00	57.17 3.13 0.00	55.01 2.92 0.00	52.74 2.89 0.00
HUNTINGTON_RES_REC 323705	46.05 3.21 -0.01	43.68 3.05 -0.01	42.44 3.00 -0.01	42.34 2.96 -0.01	43.20 2.98 -0.01	46.04 3.17 -0.01	55.89 3.77 -3.14	66.26 4.69 -6.38	55.96 4.47 -0.04	50.38 3.94 -0.01	53.91 4.17 -0.12	53.08 4.07 -0.01	51.34 4.02 -0.64	62.81 4.04 -10.65	67.95 4.22 -14.64	73.22 5.23 -13.02	94.10 5.84 -29.87	97.84 6.87 -19.42	97.07 6.67 -20.97	94.73 6.29 -22.94	90.01 5.63 -26.32	78.40 5.24 -19.13	68.67 4.42 -12.16	63.76 3.99 -9.92
HUNTLEY___63 23557	39.53 -3.30 0.00	37.25 -3.37 0.00	36.12 -3.31 0.00	36.07 -3.31 0.00	37.16 -3.06 0.00	38.92 -3.94 0.00	43.59 -5.39 0.00	48.90 -6.29 0.00	45.74 -5.71 0.00	41.78 -4.64 0.00	44.16 -5.46 0.00	43.77 -5.24 0.00	41.83 -4.86 0.00	42.87 -5.24 0.00	44.08 -5.01 0.00	49.20 -5.77 0.00	51.79 -6.89 -0.29	63.97 -7.58 0.00	62.49 -6.94 0.00	59.27 -6.22 0.00	52.95 -5.11 0.00	49.11 -4.92 0.00	48.23 -3.85 0.00	46.31 -3.54 0.00
HUNTLEY___64 23558	39.53 -3.30 0.00	37.25 -3.37 0.00	36.12 -3.31 0.00	36.07 -3.31 0.00	37.16 -3.06 0.00	38.92 -3.94 0.00	43.59 -5.39 0.00	48.90 -6.29 0.00	45.74 -5.71 0.00	41.78 -4.64 0.00	44.16 -5.46 0.00	43.77 -5.24 0.00	41.83 -4.86 0.00	42.87 -5.24 0.00	44.08 -5.01 0.00	49.20 -5.77 0.00	51.79 -6.89 -0.29	63.97 -7.58 0.00	62.49 -6.94 0.00	59.27 -6.22 0.00	52.95 -5.11 0.00	49.11 -4.92 0.00	48.23 -3.85 0.00	46.31 -3.54 0.00
HUNTLEY___65 23559	39.53 -3.30 0.00	37.25 -3.37 0.00	36.12 -3.31 0.00	36.07 -3.31 0.00	37.16 -3.06 0.00	38.92 -3.94 0.00	43.59 -5.39 0.00	48.90 -6.29 0.00	45.74 -5.71 0.00	41.78 -4.64 0.00	44.16 -5.46 0.00	43.77 -5.24 0.00	41.83 -4.86 0.00	42.87 -5.24 0.00	44.08 -5.01 0.00	49.20 -5.77 0.00	51.79 -6.89 -0.29	63.97 -7.58 0.00	62.49 -6.94 0.00	59.27 -6.22 0.00	52.95 -5.11 0.00	49.11 -4.92 0.00	48.23 -3.85 0.00	46.31 -3.54 0.00
HUNTLEY___66 23560	39.53 -3.30 0.00	37.25 -3.37 0.00	36.12 -3.31 0.00	36.07 -3.31 0.00	37.16 -3.06 0.00	38.92 -3.94 0.00	43.59 -5.39 0.00	48.90 -6.29 0.00	45.74 -5.71 0.00	41.78 -4.64 0.00	44.16 -5.46 0.00	43.77 -5.24 0.00	41.83 -4.86 0.00	42.87 -5.24 0.00	44.08 -5.01 0.00	49.20 -5.77 0.00	51.79 -6.89 -0.29	63.97 -7.58 0.00	62.49 -6.94 0.00	59.27 -6.22 0.00	52.95 -5.11 0.00	49.11 -4.92 0.00	48.23 -3.85 0.00	46.31 -3.54 0.00
HUNTLEY___67 23561	39.49 -3.34 0.00	37.25 -3.37 0.00	36.12 -3.31 0.00	36.03 -3.35 0.00	37.12 -3.10 0.00	38.87 -3.99 0.00	43.64 -5.34 0.00	48.95 -6.24 0.00	45.74 -5.71 0.00	41.73 -4.69 0.00	44.21 -5.41 0.00	43.72 -5.29 0.00	41.83 -4.86 0.00	42.87 -5.24 0.00	44.03 -5.06 0.00	49.20 -5.77 0.00	51.79 -6.89 -0.29	63.97 -7.58 0.00	62.49 -6.94 0.00	59.21 -6.29 0.00	52.90 -5.17 0.00	49.11 -4.92 0.00	48.18 -3.91 0.00	46.21 -3.64 0.00
HUNTLEY___68 23562	39.49 -3.34 0.00	37.25 -3.37 0.00	36.12 -3.31 0.00	36.03 -3.35 0.00	37.12 -3.10 0.00	38.87 -3.99 0.00	43.64 -5.34 0.00	48.95 -6.24 0.00	45.74 -5.71 0.00	41.73 -4.69 0.00	44.21 -5.41 0.00	43.72 -5.29 0.00	41.83 -4.86 0.00	42.87 -5.24 0.00	44.03 -5.06 0.00	49.20 -5.77 0.00	51.79 -6.89 -0.29	63.97 -7.58 0.00	62.49 -6.94 0.00	59.21 -6.29 0.00	52.90 -5.17 0.00	49.11 -4.92 0.00	48.18 -3.91 0.00	46.21 -3.64 0.00

HYLAND___LFGE 323620	42.10 -0.73 0.00	39.77 -0.86 0.00	38.45 -0.98 0.00	38.48 -0.90 0.00	39.57 -0.64 0.00	41.83 -1.03 0.00	47.66 -1.32 0.00	54.03 -1.16 0.00	49.96 -1.49 0.00	44.66 -1.76 0.00	46.94 -2.68 0.00	46.31 -2.70 0.00	44.16 -2.52 0.00	45.52 -2.60 0.00	46.83 -2.26 0.00	52.77 -2.20 0.00	56.33 -2.16 -0.10	70.55 -1.00 0.00	69.36 -0.07 0.00	65.63 0.13 0.00	58.30 0.23 0.00	53.82 -0.22 0.00	52.40 0.31 0.00	49.95 0.10 0.00
INDECK___CORINTH 23802	45.75 2.91 0.00	43.47 2.84 0.00	42.12 2.68 0.00	42.10 2.72 0.00	42.91 2.69 0.00	45.90 3.04 0.00	52.35 3.38 0.00	59.22 4.03 0.00	55.26 3.81 0.00	49.86 3.44 0.00	53.35 3.72 0.00	52.59 3.58 0.00	49.95 3.27 0.00	51.44 3.32 0.00	52.62 3.54 0.00	59.10 4.13 0.00	68.40 4.38 -5.63	76.84 5.29 0.00	74.78 5.35 0.00	70.34 4.85 0.00	62.53 4.47 0.00	58.03 4.00 0.00	56.00 3.91 0.00	53.59 3.74 0.00
INDECK___ILION 23567	44.16 1.33 0.00	41.84 1.22 0.00	40.62 1.18 0.00	40.52 1.14 0.00	41.42 1.21 0.00	44.15 1.29 0.00	50.40 1.42 0.00	56.84 1.66 0.00	52.95 1.49 0.00	47.82 1.39 0.00	51.06 1.44 0.00	50.43 1.42 0.00	47.99 1.31 0.00	49.51 1.40 0.00	50.51 1.42 0.00	56.57 1.59 0.00	60.14 1.75 0.00	73.62 2.07 0.00	71.44 2.01 0.00	67.46 1.96 0.00	59.86 1.80 0.00	55.65 1.62 0.00	53.70 1.61 0.00	51.40 1.55 0.00
INDECK___OLEAN 23982	39.88 -2.95 0.00	37.62 -3.01 0.00	36.59 -2.84 0.00	36.59 -2.80 0.00	37.56 -2.66 0.00	39.52 -3.34 0.00	44.76 -4.21 0.00	50.17 -5.02 0.00	46.67 -4.78 0.00	42.34 -4.09 0.00	44.71 -4.91 0.00	44.21 -4.80 0.00	42.29 -4.39 0.00	43.31 -4.81 0.00	44.57 -4.51 0.00	49.97 -5.00 0.00	52.75 -5.89 -0.26	65.54 -6.01 0.00	64.08 -5.34 0.00	60.58 -4.91 0.00	54.06 -4.01 0.00	49.98 -4.05 0.00	48.70 -3.38 0.00	46.96 -2.89 0.00
INDECK___OSWEGO 23783	41.68 -1.15 0.00	39.49 -1.14 0.00	38.29 -1.14 0.00	38.28 -1.10 0.00	39.09 -1.13 0.00	41.66 -1.20 0.00	47.55 -1.42 0.00	53.37 -1.82 0.00	49.76 -1.70 0.00	44.89 -1.53 0.00	47.94 -1.69 0.00	47.39 -1.62 0.00	45.19 -1.50 0.00	46.58 -1.54 0.00	47.51 -1.57 0.00	53.27 -1.70 0.00	56.94 -1.81 -0.36	69.47 -2.08 0.00	67.41 -2.02 0.00	63.53 -1.96 0.00	56.32 -1.74 0.00	52.36 -1.68 0.00	50.53 -1.56 0.00	48.36 -1.49 0.00
INDECK___YERKES 23781	39.53 -3.30 0.00	37.34 -3.29 0.00	36.28 -3.16 0.00	36.19 -3.19 0.00	37.20 -3.02 0.00	38.96 -3.90 0.00	43.64 -5.34 0.00	49.01 -6.18 0.00	45.95 -5.50 0.00	42.01 -4.41 0.00	44.26 -5.36 0.00	43.81 -5.20 0.00	41.88 -4.81 0.00	42.88 -5.24 0.00	44.08 -5.01 0.00	49.26 -5.72 0.00	51.79 -6.89 -0.29	64.04 -7.51 0.00	62.55 -6.87 0.00	59.34 -6.16 0.00	52.95 -5.11 0.00	49.17 -4.86 0.00	48.29 -3.80 0.00	46.36 -3.49 0.00
INDIAN POINT_GT_1 24139	45.02 2.18 0.00	42.70 2.07 0.00	41.48 2.05 0.00	41.35 1.97 0.00	42.18 1.97 0.00	45.05 2.19 0.00	51.67 2.69 0.00	58.61 3.42 0.00	54.75 3.29 0.00	49.39 2.97 0.00	52.90 3.28 0.00	52.24 3.23 0.00	49.81 3.13 0.00	51.29 3.18 0.00	52.37 3.29 0.00	58.82 3.85 0.00	66.94 4.15 -4.41	76.63 5.08 0.00	74.36 4.93 0.00	70.08 4.58 0.00	61.95 3.89 0.00	57.65 3.62 0.00	55.27 3.18 0.00	52.74 2.89 0.00
INDIAN POINT_GT_2 23659	45.02 2.18 0.00	42.70 2.07 0.00	41.48 2.05 0.00	41.35 1.97 0.00	42.18 1.97 0.00	45.05 2.19 0.00	51.67 2.69 0.00	58.61 3.42 0.00	54.75 3.29 0.00	49.39 2.97 0.00	52.90 3.28 0.00	52.24 3.23 0.00	49.81 3.13 0.00	51.29 3.18 0.00	52.37 3.29 0.00	58.82 3.85 0.00	66.94 4.15 -4.41	76.63 5.08 0.00	74.36 4.93 0.00	70.08 4.58 0.00	61.95 3.89 0.00	57.65 3.62 0.00	55.27 3.18 0.00	52.74 2.89 0.00
INDIAN POINT_GT_3 24019	45.02 2.18 0.00	42.70 2.07 0.00	41.48 2.05 0.00	41.35 1.97 0.00	42.18 1.97 0.00	45.05 2.19 0.00	51.67 2.69 0.00	58.61 3.42 0.00	54.75 3.29 0.00	49.39 2.97 0.00	52.90 3.28 0.00	52.24 3.23 0.00	49.81 3.13 0.00	51.29 3.18 0.00	52.37 3.29 0.00	58.82 3.85 0.00	66.94 4.15 -4.41	76.63 5.08 0.00	74.36 4.93 0.00	70.08 4.58 0.00	61.95 3.89 0.00	57.65 3.62 0.00	55.27 3.18 0.00	52.74 2.89 0.00
INDIAN POINT___2 23530	44.97 2.14 0.00	42.66 2.03 0.00	41.40 1.97 0.00	41.27 1.89 0.00	42.14 1.93 0.00	44.96 2.10 0.00	51.62 2.64 0.00	58.50 3.31 0.00	54.65 3.19 0.00	49.30 2.88 0.00	52.80 3.18 0.00	52.15 3.14 0.00	49.77 3.08 0.00	51.20 3.08 0.00	52.27 3.19 0.00	58.72 3.74 0.00	66.77 4.03 -4.35	76.48 4.93 0.00	74.22 4.79 0.00	69.95 4.46 0.00	61.89 3.83 0.00	57.54 3.51 0.00	55.21 3.13 0.00	52.69 2.84 0.00
INDIAN POINT___3 23531	45.02 2.18 0.00	42.70 2.07 0.00	41.44 2.01 0.00	41.31 1.93 0.00	42.14 1.93 0.00	45.00 2.14 0.00	51.62 2.64 0.00	58.55 3.37 0.00	54.70 3.24 0.00	49.35 2.92 0.00	52.85 3.23 0.00	52.20 3.19 0.00	49.77 3.08 0.00	51.25 3.13 0.00	52.32 3.24 0.00	58.77 3.79 0.00	66.89 4.09 -4.41	76.56 5.01 0.00	74.29 4.86 0.00	69.95 4.45 0.00	61.89 3.83 0.00	57.54 3.51 0.00	55.21 3.13 0.00	52.69 2.84 0.00
INGHAM_C_115KV_TB7 356103	45.70 2.87 0.00	43.35 2.72 0.00	42.00 2.56 0.00	41.94 2.56 0.00	42.87 2.65 0.00	45.69 2.83 0.00	52.11 3.13 0.00	58.78 3.59 0.00	54.75 3.29 0.00	49.39 2.97 0.00	52.75 3.13 0.00	52.05 3.04 0.00	49.49 2.80 0.00	51.05 2.94 0.00	52.08 2.99 0.00	58.38 3.41 0.00	62.01 3.62 0.00	75.99 4.44 0.00	73.80 4.37 0.00	69.69 4.19 0.00	61.84 3.77 0.00	57.54 3.51 0.00	55.53 3.44 0.00	53.19 3.34 0.00
IP CORINTH___1 23988	45.74 2.91 0.00	43.47 2.84 0.00	42.11 2.68 0.00	42.10 2.72 0.00	42.91 2.69 0.00	45.90 3.04 0.00	52.40 3.43 0.00	59.22 4.03 0.00	55.26 3.81 0.00	49.86 3.44 0.00	53.34 3.72 0.00	52.59 3.58 0.00	49.95 3.27 0.00	51.44 3.32 0.00	52.62 3.53 0.00	59.10 4.12 0.00	68.40 4.38 -5.63	76.84 5.29 0.00	74.78 5.35 0.00	70.34 4.85 0.00	62.53 4.47 0.00	58.03 4.00 0.00	55.99 3.91 0.00	53.59 3.74 0.00
IP___TICONDEROGA 23804	47.50 4.67 0.00	45.22 4.59 0.00	43.77 4.34 0.00	43.75 4.37 0.00	44.55 4.34 0.00	47.79 4.93 0.00	54.41 5.44 0.00	61.54 6.35 0.00	57.27 5.81 0.00	51.67 5.25 0.00	55.23 5.61 0.00	54.35 5.34 0.00	51.45 4.76 0.00	53.12 5.00 0.00	54.38 5.30 0.00	61.24 6.27 0.00	70.79 6.77 -5.63	79.99 8.44 0.00	78.11 8.68 0.00	73.36 7.86 0.00	65.15 7.08 0.00	60.46 6.43 0.00	58.23 6.15 0.00	55.78 5.93 0.00
ISLIP_RES_REC 323679	46.53 3.68 -0.01	44.21 3.58 -0.01	42.95 3.51 -0.01	42.78 3.39 -0.01	43.72 3.50 -0.01	46.56 3.69 -0.01	56.53 4.41 -3.14	66.99 5.41 -6.39	56.58 5.10 -0.04	50.89 4.46 -0.01	54.50 4.76 -0.12	53.62 4.61 -0.01	51.91 4.58 -0.64	63.41 4.62 -10.67	68.61 4.86 -14.67	74.01 5.99 -13.04	95.01 6.71 -29.92	98.99 7.94 -19.50	98.26 7.77 -21.06	95.93 7.40 -23.03	90.93 6.50 -26.36	79.25 6.05 -19.16	69.38 5.11 -12.18	64.47 4.68 -9.94

JAMAICA__27_KV_LOAD 355505	45.10 2.27 0.00	42.82 2.19 0.00	41.56 2.13 0.00	41.39 2.01 0.00	42.22 2.01 0.00	44.96 2.10 0.00	51.82 2.84 0.00	58.72 3.53 0.00	54.90 3.45 0.00	49.53 3.11 0.00	53.00 3.37 0.00	52.39 3.38 0.00	49.98 3.27 -0.03	51.39 3.27 0.00	52.49 3.39 -0.02	58.95 3.96 -0.02	67.26 4.38 -4.49	76.93 5.37 -0.02	74.59 5.14 -0.03	70.23 4.72 -0.02	62.07 4.01 0.00	57.81 3.78 0.00	55.58 3.49 0.00	52.99 3.14 0.00
JANIS__SOLAR 323808	43.64 0.81 0.00	41.32 0.69 0.00	40.03 0.59 0.00	40.05 0.67 0.00	40.85 0.64 0.00	43.59 0.73 0.00	49.76 0.78 0.00	56.40 1.21 0.00	52.38 0.93 0.00	46.98 0.56 0.00	49.87 0.25 0.00	49.31 0.30 0.00	46.83 0.14 0.00	48.46 0.34 0.00	49.77 0.69 0.00	56.13 1.16 0.00	62.25 1.63 -2.23	74.20 2.65 0.00	72.07 2.64 0.00	67.98 2.49 0.00	60.27 2.21 0.00	55.71 1.68 0.00	53.70 1.62 0.00	51.40 1.55 0.00
JARVIS____ 23743	43.09 0.26 0.00	40.87 0.25 0.00	39.63 0.20 0.00	39.58 0.20 0.00	40.41 0.20 0.00	43.08 0.22 0.00	49.17 0.20 0.00	55.47 0.28 0.00	51.71 0.26 0.00	46.70 0.28 0.00	49.92 0.30 0.00	49.31 0.30 0.00	46.97 0.28 0.00	48.41 0.29 0.00	49.43 0.35 0.00	55.36 0.39 0.00	58.80 0.41 0.00	71.98 0.43 0.00	69.85 0.42 0.00	65.89 0.40 0.00	58.41 0.35 0.00	54.36 0.33 0.00	52.40 0.31 0.00	50.15 0.30 0.00
JENNISON____1 23625	43.73 0.90 0.00	41.44 0.81 0.00	40.14 0.71 0.00	40.09 0.71 0.00	40.94 0.72 0.00	43.63 0.77 0.00	49.76 0.78 0.00	56.46 1.27 0.00	52.59 1.13 0.00	47.44 1.02 0.00	50.57 0.94 0.00	49.99 0.98 0.00	47.43 0.75 0.00	49.13 1.01 0.00	50.75 1.67 0.00	57.06 2.09 0.00	62.61 2.45 -1.77	74.84 3.29 0.00	72.41 2.99 0.00	68.38 2.88 0.00	60.68 2.61 0.00	55.81 1.78 0.00	53.76 1.67 0.00	51.50 1.65 0.00
JENNISON____2 23626	43.73 0.90 0.00	41.44 0.81 0.00	40.14 0.71 0.00	40.09 0.71 0.00	40.94 0.72 0.00	43.63 0.77 0.00	49.76 0.78 0.00	56.46 1.27 0.00	52.59 1.13 0.00	47.44 1.02 0.00	50.57 0.94 0.00	49.99 0.98 0.00	47.43 0.75 0.00	49.13 1.01 0.00	50.75 1.67 0.00	57.06 2.09 0.00	62.61 2.45 -1.77	74.84 3.29 0.00	72.41 2.99 0.00	68.38 2.88 0.00	60.68 2.61 0.00	55.81 1.78 0.00	53.76 1.67 0.00	51.50 1.65 0.00
JERICOHO_RISE_WT_PWR 323719	42.19 -0.64 0.00	40.14 -0.49 0.00	39.08 -0.36 0.00	39.06 -0.32 0.00	39.89 -0.32 0.00	42.52 -0.34 0.00	48.68 -0.29 0.00	54.91 -0.27 0.00	50.99 -0.46 0.00	45.77 -0.65 0.00	48.83 -0.80 0.00	48.08 -0.93 0.00	45.70 -0.98 0.00	47.01 -1.10 0.00	47.81 -1.28 0.00	53.44 -1.54 0.00	56.81 -1.57 0.00	69.55 -2.00 0.00	67.41 -2.02 0.00	63.66 -1.83 0.00	56.50 -1.56 0.00	52.73 -1.30 0.00	50.84 -1.25 0.00	48.65 -1.20 0.00
KATONAH__115KV_46KV_TB4 355592	45.32 2.48 0.00	42.98 2.36 0.00	41.72 2.29 0.00	41.59 2.21 0.00	42.42 2.21 0.00	45.26 2.40 0.00	51.96 2.99 0.00	58.89 3.70 0.00	55.11 3.65 0.00	49.72 3.30 0.00	53.25 3.62 0.00	52.59 3.58 0.00	50.09 3.41 0.00	51.63 3.51 0.00	52.67 3.58 0.00	59.26 4.29 0.00	67.39 4.50 -4.51	77.13 5.58 0.00	74.78 5.35 0.00	70.54 5.04 0.00	62.36 4.30 0.00	58.03 4.00 0.00	55.63 3.54 0.00	53.09 3.24 0.00
KCE_NY_1 323755	45.32 2.48 0.00	43.02 2.40 0.00	41.72 2.29 0.00	41.66 2.28 0.00	42.46 2.25 0.00	45.39 2.53 0.00	51.82 2.84 0.00	58.50 3.31 0.00	54.59 3.14 0.00	49.26 2.83 0.00	52.75 3.13 0.00	52.00 2.99 0.00	49.44 2.75 0.00	51.01 2.89 0.00	52.18 3.09 0.00	58.55 3.57 0.00	67.80 3.79 -5.62	76.06 4.51 0.00	73.94 4.51 0.00	69.62 4.13 0.00	61.78 3.72 0.00	57.44 3.41 0.00	55.32 3.23 0.00	52.99 3.14 0.00
KCE_NY_6_ESR 323823	39.75 -3.08 0.00	37.50 -3.13 0.00	36.43 -3.00 0.00	36.39 -2.99 0.00	37.40 -2.82 0.00	39.22 -3.64 0.00	44.08 -4.90 0.00	49.45 -5.74 0.00	46.26 -5.19 0.00	42.20 -4.22 0.00	44.51 -5.11 0.00	44.06 -4.95 0.00	42.11 -4.57 0.00	43.16 -4.96 0.00	44.37 -4.71 0.00	49.59 -5.39 0.00	52.25 -6.42 -0.29	64.61 -6.94 0.00	63.18 -6.25 0.00	59.86 -5.63 0.00	53.42 -4.65 0.00	49.55 -4.48 0.00	48.54 -3.54 0.00	46.66 -3.19 0.00
KEDC_PORT_JEFF_GT2 24210	46.22 3.38 -0.01	43.89 3.25 -0.01	42.63 3.19 -0.01	42.50 3.11 -0.01	43.40 3.18 -0.01	46.21 3.35 -0.01	56.11 4.02 -3.12	66.49 4.97 -6.33	56.17 4.68 -0.03	50.56 4.13 -0.01	54.11 4.37 -0.12	53.23 4.22 -0.01	51.53 4.20 -0.64	62.93 4.24 -10.57	68.08 4.47 -14.53	73.39 5.50 -12.92	94.20 6.13 -29.68	98.25 7.37 -19.33	97.46 7.15 -20.87	95.07 6.75 -22.83	90.17 5.98 -26.12	78.59 5.57 -18.99	68.85 4.69 -12.07	63.98 4.29 -9.85
KEDC_PORT_JEFF_GT3 24211	46.22 3.38 -0.01	43.89 3.25 -0.01	42.63 3.19 -0.01	42.50 3.11 -0.01	43.40 3.18 -0.01	46.21 3.35 -0.01	56.11 4.02 -3.12	66.49 4.97 -6.33	56.17 4.68 -0.03	50.56 4.13 -0.01	54.11 4.37 -0.12	53.23 4.22 -0.01	51.53 4.20 -0.64	62.93 4.24 -10.57	68.08 4.47 -14.53	73.39 5.50 -12.92	94.20 6.13 -29.68	98.25 7.37 -19.33	97.46 7.15 -20.87	95.07 6.75 -22.83	90.17 5.98 -26.12	78.59 5.57 -18.99	68.85 4.69 -12.07	63.98 4.29 -9.85
KEDC_GLWD_GT4 24219	45.72 2.87 -0.02	43.36 2.72 -0.02	42.09 2.64 -0.02	41.99 2.60 -0.02	42.84 2.61 -0.02	45.70 2.83 -0.02	57.80 3.38 -5.45	70.52 4.25 -11.08	55.63 4.12 -0.06	50.15 3.72 -0.02	53.84 4.02 -0.20	53.05 4.02 -0.02	51.67 3.87 -1.12	70.51 3.90 -18.49	78.54 4.03 -25.43	82.09 4.51 -22.60	111.70 4.73 -48.59	111.02 5.73 -33.75	111.50 5.62 -36.45	110.54 5.17 -39.87	108.24 4.47 -45.70	91.41 4.16 -33.22	77.16 3.96 -21.12	70.71 3.64 -17.23
KEDC_GLWD_GT5 24220	45.72 2.87 -0.02	43.36 2.72 -0.02	42.09 2.64 -0.02	41.99 2.60 -0.02	42.84 2.61 -0.02	45.70 2.83 -0.02	57.80 3.38 -5.45	70.52 4.25 -11.08	55.63 4.12 -0.06	50.15 3.72 -0.02	53.84 4.02 -0.20	53.05 4.02 -0.02	51.67 3.87 -1.12	70.51 3.90 -18.49	78.54 4.03 -25.43	82.09 4.51 -22.60	111.70 4.73 -48.59	111.02 5.73 -33.75	111.50 5.62 -36.45	110.54 5.17 -39.87	108.24 4.47 -45.70	91.41 4.16 -33.22	77.16 3.96 -21.12	70.71 3.64 -17.23
KENSICO____ 23655	45.19 2.36 0.00	42.86 2.23 0.00	41.60 2.17 0.00	41.47 2.09 0.00	42.30 2.09 0.00	45.17 2.31 0.00	51.82 2.84 0.00	58.83 3.64 0.00	54.95 3.50 0.00	49.58 3.16 0.00	53.10 3.47 0.00	52.49 3.48 0.00	50.00 3.31 0.00	51.49 3.37 0.00	52.57 3.48 0.00	59.04 4.07 0.00	67.21 4.38 -4.45	76.92 5.37 0.00	74.64 5.21 0.00	70.28 4.78 0.00	62.19 4.12 0.00	57.81 3.78 0.00	55.47 3.39 0.00	52.94 3.09 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	45.27 2.44 0.00	42.90 2.28 0.00	41.68 2.25 0.00	41.59 2.21 0.00	42.42 2.21 0.00	45.26 2.40 0.00	51.87 2.89 0.00	58.55 3.37 0.00	54.80 3.34 0.00	49.30 2.88 0.00	52.65 3.03 0.00	52.00 2.99 0.00	49.58 2.89 0.00	51.10 2.98 0.00	52.22 3.14 0.00	58.82 3.85 0.00	66.98 4.32 -4.28	76.99 5.44 0.00	74.57 5.14 0.00	70.34 4.85 0.00	62.24 4.18 0.00	58.08 4.05 0.00	55.68 3.59 0.00	53.19 3.34 0.00

KIAC_JFK_GT1 23816	44.89 2.06 0.00	42.62 1.99 0.00	41.37 1.93 0.00	41.19 1.81 0.00	42.02 1.81 0.00	44.75 1.89 0.00	51.57 2.60 0.00	58.39 3.20 0.00	54.64 3.19 0.00	49.30 2.88 0.00	52.75 3.13 0.00	52.10 3.09 0.00	49.75 3.03 -0.03	51.10 2.98 0.00	52.24 3.14 -0.02	58.62 3.63 -0.02	66.91 4.03 -4.49	76.22 4.65 -0.02	74.18 4.72 -0.03	69.83 4.32 -0.02	61.72 3.66 0.00	57.49 3.46 0.00	55.27 3.18 0.00	52.69 2.84 0.00
KIAC_JFK_GT2 23817	44.89 2.06 0.00	42.62 1.99 0.00	41.37 1.93 0.00	41.19 1.81 0.00	42.02 1.81 0.00	44.75 1.89 0.00	51.57 2.60 0.00	58.39 3.20 0.00	54.64 3.19 0.00	49.30 2.88 0.00	52.75 3.13 0.00	52.10 3.09 0.00	49.75 3.03 -0.03	51.10 2.98 0.00	52.24 3.14 -0.02	58.62 3.63 -0.02	66.91 4.03 -4.49	76.22 4.65 -0.02	74.18 4.72 -0.03	69.83 4.32 -0.02	61.72 3.66 0.00	57.49 3.46 0.00	55.27 3.18 0.00	52.69 2.84 0.00
KIAC_JFK____ 323774	44.89 2.06 0.00	42.62 1.99 0.00	41.36 1.93 0.00	41.15 1.77 0.00	42.02 1.81 0.00	44.74 1.88 0.00	51.57 2.59 0.00	58.40 3.20 -0.01	54.59 3.14 0.00	49.26 2.83 0.00	52.75 3.13 0.00	52.10 3.09 0.00	49.75 3.03 -0.03	51.10 2.98 0.00	52.25 3.14 -0.02	58.62 3.63 -0.02	66.90 4.03 -4.49	76.22 4.65 -0.02	74.18 4.72 -0.03	69.83 4.32 -0.02	61.73 3.66 -0.01	57.50 3.46 -0.01	55.27 3.18 -0.01	52.69 2.84 0.00
KINTIGH__24_KV_GSU 356498	39.83 -3.00 0.00	37.66 -2.96 0.00	36.52 -2.92 0.00	36.43 -2.95 0.00	37.40 -2.82 0.00	39.35 -3.51 0.00	44.27 -4.70 0.00	49.84 -5.35 0.00	46.62 -4.84 0.00	42.52 -3.90 0.00	45.01 -4.61 0.00	44.55 -4.46 0.00	42.48 -4.20 0.00	43.65 -4.47 0.00	44.76 -4.32 0.00	49.97 -5.00 0.00	52.73 -5.96 -0.30	64.97 -6.58 0.00	63.25 -6.18 0.00	59.93 -5.57 0.00	53.42 -4.65 0.00	49.60 -4.43 0.00	48.54 -3.54 0.00	46.51 -3.34 0.00
KINTIGH____ 23543	39.83 -3.00 0.00	37.62 -3.01 0.00	36.44 -3.00 0.00	36.35 -3.03 0.00	37.40 -2.81 0.00	39.35 -3.51 0.00	44.27 -4.70 0.00	49.78 -5.41 0.00	46.51 -4.94 0.00	42.38 -4.04 0.00	44.96 -4.66 0.00	44.50 -4.51 0.00	42.53 -4.15 0.00	43.64 -4.48 0.00	44.76 -4.32 0.00	49.97 -5.00 0.00	52.73 -5.96 -0.30	64.97 -6.58 0.00	63.25 -6.18 0.00	59.93 -5.57 0.00	53.42 -4.65 0.00	49.60 -4.43 0.00	48.55 -3.54 0.00	46.51 -3.34 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	42.75 -0.09 0.00	40.67 0.04 0.00	39.59 0.16 0.00	39.62 0.24 0.00	40.45 0.24 0.00	43.12 0.26 0.00	49.42 0.44 0.00	55.85 0.66 0.00	51.76 0.31 0.00	46.38 -0.05 0.00	49.47 -0.15 0.00	48.76 -0.25 0.00	46.31 -0.37 0.00	47.64 -0.48 0.00	48.45 -0.64 0.00	54.15 -0.82 0.00	57.57 -0.82 0.00	70.62 -0.93 0.00	68.46 -0.97 0.00	64.71 -0.79 0.00	57.42 -0.64 0.00	53.60 -0.43 0.00	51.67 -0.42 0.00	49.45 -0.40 0.00
LACHUTE____HYDRO 323717	47.50 4.67 0.00	45.22 4.59 0.00	43.77 4.34 0.00	43.75 4.37 0.00	44.56 4.34 0.00	47.79 4.93 0.00	54.41 5.44 0.00	61.53 6.34 0.00	57.27 5.81 0.00	51.67 5.24 0.00	55.23 5.61 0.00	54.35 5.34 0.00	51.45 4.76 0.00	53.12 5.00 0.00	54.39 5.30 0.00	61.24 6.26 0.00	70.78 6.77 -5.63	79.99 8.44 0.00	78.11 8.68 0.00	73.35 7.86 0.00	65.14 7.08 0.00	60.46 6.43 0.00	58.23 6.14 0.00	55.78 5.93 0.00
LAWRNCV_115KV_TB1 80681	42.70 -0.13 0.00	40.67 0.04 0.00	39.55 0.12 0.00	39.54 0.16 0.00	40.33 0.12 0.00	42.86 0.00 0.00	48.98 0.00 0.00	55.41 0.22 0.00	51.45 0.00 0.00	46.24 -0.19 0.00	49.47 -0.15 0.00	48.76 -0.25 0.00	46.36 -0.33 0.00	47.78 -0.34 0.00	48.45 -0.64 0.00	53.99 -0.99 0.00	57.28 -1.11 0.00	70.19 -1.36 0.00	68.04 -1.39 0.00	64.32 -1.18 0.00	57.13 -0.93 0.00	53.55 -0.49 0.00	51.67 -0.42 0.00	49.60 -0.25 0.00
LEDERLE____ 23769	45.14 2.31 0.00	42.78 2.15 0.00	41.56 2.13 0.00	41.43 2.05 0.00	42.26 2.05 0.00	45.13 2.27 0.00	51.82 2.84 0.00	58.72 3.53 0.00	54.85 3.40 0.00	49.49 3.06 0.00	52.95 3.32 0.00	52.34 3.33 0.00	49.91 3.22 0.00	51.39 3.27 0.00	52.47 3.39 0.00	58.93 3.96 0.00	67.02 4.32 -4.31	76.84 5.29 0.00	74.57 5.14 0.00	70.21 4.72 0.00	62.13 4.06 0.00	57.81 3.78 0.00	55.42 3.33 0.00	52.89 3.04 0.00
LIGHTHSE_115KV_TB6 355974	42.10 -0.73 0.00	39.94 -0.69 0.00	38.68 -0.75 0.00	38.67 -0.71 0.00	39.49 -0.72 0.00	42.05 -0.81 0.00	47.90 -1.08 0.00	53.97 -1.21 0.00	50.27 -1.18 0.00	45.26 -1.16 0.00	48.43 -1.19 0.00	47.93 -1.08 0.00	45.61 -1.07 0.00	47.11 -1.01 0.00	48.05 -1.03 0.00	53.82 -1.15 0.00	57.49 -1.23 -0.33	70.40 -1.14 0.00	68.32 -1.11 0.00	64.45 -1.05 0.00	57.13 -0.93 0.00	53.11 -0.92 0.00	51.31 -0.78 0.00	49.15 -0.70 0.00
LINDEN COGEN____ 23786	45.19 2.35 0.00	42.86 2.23 0.00	41.60 2.17 0.00	41.43 2.05 0.00	42.34 2.13 0.00	45.17 2.31 0.00	51.91 2.94 0.00	59.06 3.86 -0.01	55.22 3.75 -0.01	49.82 3.39 -0.01	53.30 3.67 -0.01	52.70 3.68 -0.01	60.15 3.64 -9.82	51.69 3.56 -0.01	59.98 3.78 -7.12	59.71 4.29 -0.44	73.85 4.79 -10.68	84.09 5.87 -6.67	79.32 5.76 -4.13	70.62 5.11 -0.02	62.43 4.36 -0.01	57.98 3.94 -0.01	55.53 3.44 -0.01	52.94 3.09 0.00
LINDHRST_69_KV_BK1 356055	46.40 3.56 -0.01	44.01 3.37 -0.01	42.72 3.27 -0.01	42.62 3.23 -0.01	43.52 3.30 -0.01	46.38 3.51 -0.01	56.75 4.26 -3.51	67.58 5.24 -7.14	56.38 4.89 -0.04	50.80 4.36 -0.01	54.42 4.66 -0.13	53.53 4.51 -0.01	51.79 4.39 -0.72	64.47 4.43 -11.92	70.09 4.61 -16.39	75.26 5.72 -14.57	97.48 6.19 -32.91	100.53 7.23 -21.76	100.01 7.08 -23.50	98.01 6.81 -25.70	93.56 6.04 -29.46	81.01 5.57 -21.41	70.44 4.74 -13.61	65.34 4.39 -11.10
LIPA_MISC_IPP 23656	46.22 3.38 -0.01	43.93 3.29 -0.01	42.71 3.27 -0.01	42.54 3.15 -0.01	43.44 3.22 -0.01	46.21 3.34 -0.01	56.14 4.06 -3.10	66.52 5.02 -6.31	56.12 4.63 -0.03	50.47 4.04 -0.01	54.06 4.32 -0.12	53.14 4.12 -0.01	51.38 4.06 -0.63	62.78 4.14 -10.52	67.97 4.42 -14.47	73.50 5.66 -12.86	94.09 6.13 -29.57	98.16 7.37 -19.24	97.43 7.22 -20.78	94.97 6.75 -22.73	89.99 5.92 -26.01	78.50 5.57 -18.90	68.74 4.64 -12.02	63.94 4.29 -9.80
LISF____SOLAR 323691	46.31 3.47 -0.01	44.00 3.37 -0.01	42.79 3.35 -0.01	42.62 3.23 -0.01	43.56 3.34 -0.01	46.34 3.47 -0.01	56.20 4.11 -3.11	66.58 5.07 -6.32	56.22 4.73 -0.03	50.56 4.13 -0.01	54.11 4.37 -0.12	53.23 4.22 -0.01	51.52 4.20 -0.64	62.90 4.24 -10.54	68.04 4.47 -14.49	73.47 5.61 -12.88	94.25 6.25 -29.61	98.41 7.58 -19.28	97.68 7.43 -20.81	95.20 6.94 -22.76	90.21 6.09 -26.05	78.69 5.72 -18.93	68.97 4.85 -12.04	64.10 4.44 -9.82
LITTLE FALLS____HYD 24013	45.70 2.87 0.00	43.35 2.72 0.00	42.00 2.56 0.00	41.94 2.56 0.00	42.87 2.65 0.00	45.69 2.83 0.00	52.11 3.13 0.00	58.78 3.59 0.00	54.75 3.29 0.00	49.39 2.97 0.00	52.75 3.13 0.00	52.05 3.04 0.00	49.49 2.80 0.00	51.05 2.94 0.00	52.08 2.99 0.00	58.38 3.41 0.00	62.01 3.62 0.00	75.99 4.44 0.00	73.80 4.37 0.00	69.69 4.19 0.00	61.84 3.77 0.00	57.54 3.51 0.00	55.53 3.44 0.00	53.19 3.34 0.00

LITTLRIV_115KV_TB1 356100	43.17 0.34 0.00	41.15 0.53 0.00	39.98 0.55 0.00	40.01 0.63 0.00	40.77 0.56 0.00	43.37 0.51 0.00	49.51 0.54 0.00	56.07 0.88 0.00	51.97 0.51 0.00	46.61 0.19 0.00	49.82 0.20 0.00	49.11 0.10 0.00	46.59 -0.09 0.00	48.12 0.00 0.00	48.79 -0.29 0.00	54.43 -0.55 0.00	57.92 -0.47 0.00	71.19 -0.36 0.00	69.01 -0.42 0.00	65.30 -0.20 0.00	58.06 0.00 0.00	54.36 0.32 0.00	52.45 0.36 0.00	50.35 0.50 0.00
LI_NEWBRDGE___DRP 323616	45.54 2.70 -0.01	43.23 2.60 -0.01	42.00 2.56 -0.01	41.95 2.56 -0.01	42.79 2.57 -0.01	45.57 2.70 -0.01	55.14 3.28 -2.88	65.12 4.08 -5.85	55.40 3.91 -0.03	49.96 3.53 -0.01	53.50 3.77 -0.11	52.69 3.68 -0.01	50.82 3.55 -0.59	61.44 3.56 -9.76	66.24 3.73 -13.42	71.53 4.62 -11.93	91.05 4.90 -27.76	95.16 5.80 -17.82	94.30 5.62 -19.24	91.85 5.31 -21.05	86.90 4.70 -24.13	75.95 4.38 -17.54	66.94 3.70 -11.15	62.34 3.39 -9.09
LOCKPORT_115KV_TB60_63_64 80432	39.41 -3.43 0.00	37.17 -3.45 0.00	36.04 -3.39 0.00	35.88 -3.50 0.00	37.04 -3.18 0.00	38.75 -4.11 0.00	43.39 -5.58 0.00	48.79 -6.40 0.00	45.59 -5.87 0.00	41.60 -4.83 0.00	44.02 -5.61 0.00	43.57 -5.44 0.00	41.69 -5.00 0.00	42.73 -5.39 0.00	43.88 -5.20 0.00	48.98 -5.99 0.00	51.62 -7.06 -0.30	63.75 -7.80 0.00	62.21 -7.22 0.00	59.01 -6.48 0.00	52.72 -5.34 0.00	48.95 -5.08 0.00	48.03 -4.06 0.00	46.06 -3.79 0.00
LOCKPORT___CC1 323769	39.40 -3.43 0.00	37.21 -3.41 0.00	36.12 -3.31 0.00	36.03 -3.35 0.00	37.03 -3.18 0.00	38.79 -4.07 0.00	43.44 -5.53 0.00	48.84 -6.34 0.00	45.74 -5.71 0.00	41.78 -4.64 0.00	44.07 -5.56 0.00	43.62 -5.39 0.00	41.69 -4.99 0.00	42.73 -5.39 0.00	43.88 -5.20 0.00	49.04 -5.94 0.00	51.56 -7.13 -0.30	63.75 -7.80 0.00	62.21 -7.22 0.00	59.01 -6.49 0.00	52.66 -5.40 0.00	48.95 -5.08 0.00	48.03 -4.06 0.00	46.11 -3.74 0.00
LOCKPORT___CC2 323770	39.40 -3.43 0.00	37.21 -3.41 0.00	36.12 -3.31 0.00	36.03 -3.35 0.00	37.03 -3.18 0.00	38.79 -4.07 0.00	43.44 -5.53 0.00	48.84 -6.34 0.00	45.74 -5.71 0.00	41.78 -4.64 0.00	44.07 -5.56 0.00	43.62 -5.39 0.00	41.69 -4.99 0.00	42.73 -5.39 0.00	43.88 -5.20 0.00	49.04 -5.94 0.00	51.56 -7.13 -0.30	63.75 -7.80 0.00	62.21 -7.22 0.00	59.01 -6.49 0.00	52.66 -5.40 0.00	48.95 -5.08 0.00	48.03 -4.06 0.00	46.11 -3.74 0.00
LOCKPORT___CC3 323771	39.40 -3.43 0.00	37.21 -3.41 0.00	36.12 -3.31 0.00	36.03 -3.35 0.00	37.03 -3.18 0.00	38.79 -4.07 0.00	43.44 -5.53 0.00	48.84 -6.34 0.00	45.74 -5.71 0.00	41.78 -4.64 0.00	44.07 -5.56 0.00	43.62 -5.39 0.00	41.69 -4.99 0.00	42.73 -5.39 0.00	43.88 -5.20 0.00	49.04 -5.94 0.00	51.56 -7.13 -0.30	63.75 -7.80 0.00	62.21 -7.22 0.00	59.01 -6.49 0.00	52.66 -5.40 0.00	48.95 -5.08 0.00	48.03 -4.06 0.00	46.11 -3.74 0.00
LOCUSVLY_69_KV_BK2 55797	45.89 3.04 -0.01	43.56 2.93 -0.01	42.29 2.84 -0.01	42.19 2.80 -0.01	43.04 2.81 -0.01	45.92 3.04 -0.01	57.47 3.67 -4.82	69.58 4.58 -9.81	55.88 4.37 -0.05	50.38 3.95 -0.01	54.07 4.27 -0.18	53.19 4.17 -0.01	51.73 4.06 -0.99	68.58 4.09 -16.37	75.81 4.22 -22.51	79.98 5.00 -20.01	107.28 5.37 -43.52	107.79 6.37 -29.87	107.94 6.25 -32.26	106.62 5.83 -35.29	103.62 5.11 -40.45	88.14 4.70 -29.40	74.95 4.17 -18.69	68.94 3.84 -15.25
LONG_LAKE_PHOENIX 24014	41.72 -1.11 0.00	39.53 -1.10 0.00	38.33 -1.10 0.00	38.32 -1.06 0.00	39.13 -1.09 0.00	41.70 -1.16 0.00	47.65 -1.32 0.00	53.53 -1.66 0.00	49.91 -1.54 0.00	45.03 -1.39 0.00	48.08 -1.54 0.00	47.54 -1.47 0.00	45.33 -1.35 0.00	46.72 -1.40 0.00	47.66 -1.42 0.00	53.44 -1.54 0.00	57.12 -1.63 -0.37	69.69 -1.86 0.00	67.62 -1.81 0.00	63.73 -1.77 0.00	56.50 -1.57 0.00	52.46 -1.57 0.00	50.63 -1.46 0.00	48.46 -1.40 0.00
LOVETT___3 23632	44.97 2.14 0.00	42.66 2.03 0.00	41.40 1.97 0.00	41.31 1.93 0.00	42.14 1.93 0.00	44.96 2.10 0.00	51.62 2.64 0.00	58.55 3.37 0.00	54.70 3.24 0.00	49.35 2.92 0.00	52.85 3.23 0.00	52.20 3.19 0.00	49.77 3.08 0.00	51.25 3.13 0.00	52.32 3.24 0.00	58.71 3.74 0.00	66.75 4.03 -4.34	76.49 4.94 0.00	74.22 4.79 0.00	69.95 4.45 0.00	61.84 3.77 0.00	57.54 3.51 0.00	55.16 3.07 0.00	52.64 2.79 0.00
LOVETT___4 23642	44.97 2.14 0.00	42.66 2.03 0.00	41.40 1.97 0.00	41.31 1.93 0.00	42.14 1.93 0.00	44.96 2.10 0.00	51.62 2.64 0.00	58.55 3.37 0.00	54.70 3.24 0.00	49.35 2.92 0.00	52.85 3.23 0.00	52.20 3.19 0.00	49.77 3.08 0.00	51.25 3.13 0.00	52.32 3.24 0.00	58.71 3.74 0.00	66.75 4.03 -4.34	76.49 4.94 0.00	74.22 4.79 0.00	69.95 4.45 0.00	61.84 3.77 0.00	57.54 3.51 0.00	55.16 3.07 0.00	52.64 2.79 0.00
LOVETT___5 23593	44.97 2.14 0.00	42.66 2.03 0.00	41.40 1.97 0.00	41.31 1.93 0.00	42.14 1.93 0.00	44.96 2.10 0.00	51.62 2.64 0.00	58.55 3.37 0.00	54.70 3.24 0.00	49.35 2.92 0.00	52.85 3.23 0.00	52.20 3.19 0.00	49.77 3.08 0.00	51.25 3.13 0.00	52.32 3.24 0.00	58.71 3.74 0.00	66.75 4.03 -4.34	76.49 4.94 0.00	74.22 4.79 0.00	69.95 4.45 0.00	61.84 3.77 0.00	57.54 3.51 0.00	55.16 3.07 0.00	52.64 2.79 0.00
LOWER RAQUET___HYD 24057	42.62 -0.21 0.00	40.63 0.00 0.00	39.51 0.08 0.00	39.50 0.12 0.00	40.29 0.08 0.00	42.77 -0.09 0.00	48.88 -0.10 0.00	55.30 0.11 0.00	51.35 -0.10 0.00	46.10 -0.32 0.00	49.38 -0.25 0.00	48.67 -0.34 0.00	46.22 -0.47 0.00	47.68 -0.43 0.00	48.30 -0.79 0.00	53.77 -1.21 0.00	56.98 -1.40 0.00	69.91 -1.64 0.00	67.76 -1.67 0.00	64.05 -1.44 0.00	56.90 -1.16 0.00	53.33 -0.70 0.00	51.52 -0.57 0.00	49.50 -0.35 0.00
LOWER___HUDSON 24059	44.80 1.97 0.00	42.54 1.91 0.00	41.25 1.81 0.00	41.15 1.77 0.00	42.02 1.81 0.00	44.87 2.01 0.00	51.23 2.25 0.00	57.84 2.65 0.00	53.97 2.52 0.00	48.74 2.32 0.00	52.20 2.58 0.00	51.56 2.55 0.00	49.11 2.43 0.00	50.62 2.50 0.00	51.68 2.60 0.00	57.89 2.91 0.00	66.99 3.09 -5.51	75.20 3.65 0.00	73.04 3.61 0.00	68.83 3.34 0.00	61.02 2.96 0.00	56.79 2.75 0.00	54.69 2.60 0.00	52.29 2.44 0.00
LOWVILLE_115KV_TB2 356335	42.92 0.09 0.00	40.71 0.08 0.00	39.47 0.04 0.00	39.46 0.08 0.00	40.25 0.04 0.00	42.95 0.09 0.00	48.78 -0.20 0.00	55.30 0.11 0.00	51.45 0.00 0.00	46.28 -0.14 0.00	49.57 -0.05 0.00	48.91 -0.10 0.00	46.40 -0.28 0.00	48.07 -0.05 0.00	49.03 -0.05 0.00	54.98 0.00 0.00	58.55 0.00 -0.16	71.91 0.36 0.00	69.71 0.28 0.00	65.82 0.33 0.00	58.47 0.41 0.00	54.68 0.65 0.00	52.61 0.52 0.00	50.40 0.55 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	45.27 2.44 0.00	43.02 2.40 0.00	41.68 2.25 0.00	41.63 2.24 0.00	42.46 2.25 0.00	45.39 2.53 0.00	51.77 2.79 0.00	58.50 3.31 0.00	54.54 3.09 0.00	49.26 2.83 0.00	52.70 3.08 0.00	52.00 2.99 0.00	49.44 2.75 0.00	51.01 2.89 0.00	52.13 3.04 0.00	58.49 3.52 0.00	67.74 3.74 -5.62	76.06 4.51 0.00	73.94 4.51 0.00	69.62 4.13 0.00	61.72 3.66 0.00	57.38 3.35 0.00	55.32 3.23 0.00	52.94 3.09 0.00

LUTHERNY_35_KV_BK2 355980	45.32 2.48 0.00	43.02 2.40 0.00	41.72 2.29 0.00	41.66 2.28 0.00	42.46 2.25 0.00	45.39 2.53 0.00	51.82 2.84 0.00	58.50 3.31 0.00	54.59 3.14 0.00	49.26 2.83 0.00	52.75 3.13 0.00	52.00 2.99 0.00	49.44 2.75 0.00	51.01 2.89 0.00	52.18 3.09 0.00	58.55 3.57 0.00	67.80 3.80 -5.62	76.06 4.51 0.00	73.94 4.51 0.00	69.62 4.13 0.00	61.78 3.72 0.00	57.44 3.40 0.00	55.32 3.23 0.00	52.99 3.14 0.00
LWR___OSWEGATCHIE_HYD 23850	42.58 -0.26 0.00	40.46 -0.16 0.00	39.31 -0.12 0.00	39.30 -0.08 0.00	40.05 -0.16 0.00	42.65 -0.21 0.00	48.39 -0.59 0.00	54.86 -0.33 0.00	50.94 -0.51 0.00	45.77 -0.65 0.00	49.23 -0.40 0.00	48.52 -0.49 0.00	46.08 -0.61 0.00	47.64 -0.48 0.00	48.40 -0.69 0.00	53.99 -0.99 0.00	57.28 -1.23 -0.12	70.26 -1.29 0.00	68.04 -1.39 0.00	64.32 -1.18 0.00	57.13 -0.93 0.00	53.76 -0.27 0.00	51.83 -0.26 0.00	49.70 -0.15 0.00
LYONS_FALL_HYD 23570	43.17 0.34 0.00	40.99 0.36 0.00	39.71 0.28 0.00	39.69 0.31 0.00	40.50 0.28 0.00	43.20 0.34 0.00	49.17 0.20 0.00	55.68 0.50 0.00	51.86 0.41 0.00	46.75 0.33 0.00	50.02 0.40 0.00	49.40 0.39 0.00	46.87 0.19 0.00	48.55 0.43 0.00	49.52 0.44 0.00	55.52 0.55 0.00	59.18 0.64 -0.15	72.55 1.00 0.00	70.27 0.84 0.00	66.35 0.85 0.00	58.93 0.87 0.00	54.95 0.92 0.00	52.92 0.83 0.00	50.65 0.80 0.00
MADISON___COUNTY_LFGE 323628	43.69 0.86 0.00	41.40 0.77 0.00	40.14 0.71 0.00	40.13 0.75 0.00	40.98 0.76 0.00	43.72 0.86 0.00	49.86 0.88 0.00	56.40 1.21 0.00	52.59 1.13 0.00	47.44 1.02 0.00	50.67 1.04 0.00	50.09 1.08 0.00	47.62 0.93 0.00	49.27 1.15 0.00	50.31 1.23 0.00	56.40 1.43 0.00	60.23 1.58 -0.27	73.62 2.07 0.00	71.30 1.87 0.00	67.33 1.83 0.00	59.69 1.63 0.00	55.49 1.46 0.00	53.44 1.35 0.00	51.10 1.25 0.00
MALONE___115KV_TB1 356076	42.62 -0.21 0.00	40.59 -0.04 0.00	39.51 0.08 0.00	39.54 0.16 0.00	40.37 0.16 0.00	42.99 0.13 0.00	49.27 0.29 0.00	55.74 0.55 0.00	51.71 0.26 0.00	46.38 -0.05 0.00	49.52 -0.10 0.00	48.76 -0.25 0.00	46.36 -0.33 0.00	47.69 -0.43 0.00	48.45 -0.64 0.00	54.10 -0.88 0.00	57.45 -0.93 0.00	70.48 -1.07 0.00	68.32 -1.11 0.00	64.58 -0.92 0.00	57.37 -0.70 0.00	53.60 -0.43 0.00	51.67 -0.42 0.00	49.45 -0.40 0.00
MAPLEWOD_115KV_TB3 80458	44.59 1.76 0.00	42.33 1.71 0.00	41.05 1.62 0.00	41.00 1.61 0.00	41.82 1.61 0.00	44.62 1.76 0.00	50.93 1.96 0.00	57.45 2.26 0.00	53.67 2.21 0.00	48.51 2.09 0.00	51.96 2.33 0.00	51.31 2.30 0.00	48.88 2.19 0.00	50.43 2.31 0.00	51.44 2.36 0.00	57.61 2.64 0.00	66.53 2.69 -5.46	74.63 3.08 0.00	72.48 3.05 0.00	68.38 2.88 0.00	60.62 2.55 0.00	56.46 2.43 0.00	54.38 2.29 0.00	52.09 2.24 0.00
MAPLE_RIDGE_WT_1 323574	41.80 -1.03 0.00	39.69 -0.93 0.00	38.57 -0.87 0.00	38.59 -0.79 0.00	39.41 -0.80 0.00	41.96 -0.90 0.00	48.00 -0.98 0.00	54.09 -1.10 0.00	50.37 -1.08 0.00	45.40 -1.02 0.00	48.43 -1.19 0.00	47.74 -1.27 0.00	45.43 -1.26 0.00	46.82 -1.30 0.00	47.76 -1.32 0.00	53.49 -1.48 0.00	56.87 -1.52 0.00	69.62 -1.93 0.00	67.56 -1.87 0.00	63.79 -1.70 0.00	56.55 -1.51 0.00	52.68 -1.35 0.00	50.79 -1.30 0.00	48.65 -1.20 0.00
MAPLE_RIDGE_WT_2 323611	41.80 -1.03 0.00	39.69 -0.93 0.00	38.57 -0.87 0.00	38.59 -0.79 0.00	39.41 -0.80 0.00	41.96 -0.90 0.00	48.00 -0.98 0.00	54.09 -1.10 0.00	50.37 -1.08 0.00	45.40 -1.02 0.00	48.43 -1.19 0.00	47.74 -1.27 0.00	45.43 -1.26 0.00	46.82 -1.30 0.00	47.76 -1.32 0.00	53.49 -1.48 0.00	56.87 -1.52 0.00	69.62 -1.93 0.00	67.56 -1.87 0.00	63.79 -1.70 0.00	56.55 -1.51 0.00	52.68 -1.35 0.00	50.79 -1.30 0.00	48.65 -1.20 0.00
MARBLE_RIVER_WT_PWR 323696	42.27 -0.56 0.00	40.22 -0.41 0.00	39.16 -0.27 0.00	39.15 -0.23 0.00	39.97 -0.24 0.00	42.60 -0.26 0.00	48.73 -0.24 0.00	54.97 -0.22 0.00	51.04 -0.41 0.00	45.82 -0.60 0.00	48.88 -0.74 0.00	48.18 -0.83 0.00	45.80 -0.89 0.00	47.11 -1.01 0.00	47.90 -1.18 0.00	53.55 -1.43 0.00	56.87 -1.52 0.00	69.62 -1.93 0.00	67.56 -1.87 0.00	63.79 -1.70 0.00	56.61 -1.45 0.00	52.79 -1.24 0.00	50.94 -1.15 0.00	48.75 -1.10 0.00
MARSHVLE_115KV_TB1 80742	42.75 -0.09 0.00	40.59 -0.04 0.00	39.31 -0.12 0.00	39.30 -0.08 0.00	40.05 -0.16 0.00	42.99 0.13 0.00	49.12 0.15 0.00	55.57 0.39 0.00	51.40 -0.05 0.00	45.82 -0.60 0.00	48.88 -0.74 0.00	48.08 -0.93 0.00	45.61 -1.07 0.00	47.40 -0.72 0.00	48.74 -0.34 0.00	55.25 0.27 0.00	65.33 0.53 -6.42	72.34 0.79 0.00	70.40 0.97 0.00	66.22 0.72 0.00	58.64 0.58 0.00	54.41 0.38 0.00	52.66 0.57 0.00	50.35 0.50 0.00
MARSH_HILL_WT_PWR 323713	39.40 -3.43 0.00	37.25 -3.37 0.00	36.12 -3.31 0.00	36.11 -3.27 0.00	36.99 -3.22 0.00	39.09 -3.77 0.00	44.42 -4.55 0.00	50.17 -5.02 0.00	46.72 -4.73 0.00	42.11 -4.32 0.00	44.46 -5.16 0.00	43.86 -5.15 0.00	41.88 -4.81 0.00	43.02 -5.10 0.00	44.18 -4.91 0.00	49.75 -5.22 0.00	52.59 -5.61 0.19	65.68 -5.87 0.00	64.36 -5.07 0.00	60.85 -4.65 0.00	54.11 -3.95 0.00	50.14 -3.89 0.00	48.81 -3.28 0.00	46.86 -2.99 0.00
MCINTYRE_115KV_TB2 80467	43.52 0.69 0.00	41.44 0.81 0.00	40.30 0.87 0.00	40.29 0.91 0.00	41.06 0.84 0.00	43.72 0.86 0.00	49.91 0.93 0.00	56.51 1.32 0.00	52.33 0.87 0.00	46.89 0.46 0.00	50.07 0.45 0.00	49.30 0.29 0.00	46.78 0.09 0.00	48.26 0.14 0.00	49.08 0.00 0.00	54.87 -0.11 0.00	58.56 0.18 0.00	72.12 0.57 0.00	69.98 0.56 0.00	66.15 0.65 0.00	58.88 0.81 0.00	55.00 0.97 0.00	53.03 0.94 0.00	50.90 1.05 0.00
MECO_____69_KV_BK1 80468	44.25 1.41 0.00	42.09 1.46 0.00	40.73 1.30 0.00	40.72 1.34 0.00	41.50 1.29 0.00	44.53 1.67 0.00	50.89 1.91 0.00	57.51 2.32 0.00	53.10 1.65 0.00	47.31 0.88 0.00	50.37 0.74 0.00	49.50 0.49 0.00	46.97 0.28 0.00	48.79 0.67 0.00	50.26 1.18 0.00	57.12 2.14 0.00	67.20 2.63 -6.18	74.91 3.36 0.00	73.04 3.61 0.00	68.64 3.14 0.00	60.85 2.79 0.00	56.41 2.38 0.00	54.43 2.34 0.00	52.09 2.24 0.00
MENANDS___115KV_TB5 355628	44.46 1.63 0.00	42.21 1.58 0.00	40.93 1.50 0.00	40.88 1.50 0.00	41.70 1.49 0.00	44.49 1.63 0.00	50.74 1.76 0.00	57.23 2.04 0.00	53.51 2.06 0.00	48.37 1.95 0.00	51.86 2.23 0.00	51.22 2.21 0.00	48.79 2.10 0.00	50.28 2.17 0.00	51.34 2.26 0.00	57.39 2.42 0.00	66.28 2.45 -5.45	74.27 2.72 0.00	72.14 2.71 0.00	68.05 2.55 0.00	60.39 2.32 0.00	56.25 2.22 0.00	54.17 2.08 0.00	51.90 2.04 0.00
MG INDUSTRY___DRP 24185	44.42 1.58 0.00	42.17 1.54 0.00	40.93 1.50 0.00	40.84 1.46 0.00	41.66 1.45 0.00	44.45 1.59 0.00	50.69 1.71 0.00	57.12 1.93 0.00	53.31 1.85 0.00	48.09 1.67 0.00	51.46 1.84 0.00	50.82 1.81 0.00	48.41 1.73 0.00	49.95 1.83 0.00	51.00 1.91 0.00	57.12 2.14 0.00	65.90 2.16 -5.35	74.13 2.58 0.00	72.00 2.57 0.00	67.92 2.42 0.00	60.27 2.21 0.00	56.14 2.11 0.00	54.12 2.03 0.00	51.85 1.99 0.00

MID___OSWEGATCHIE_HYD 23849	42.58 -0.26 0.00	40.46 -0.16 0.00	39.31 -0.12 0.00	39.30 -0.08 0.00	40.05 -0.16 0.00	42.65 -0.21 0.00	48.39 -0.59 0.00	54.86 -0.33 0.00	50.94 -0.51 0.00	45.77 -0.65 0.00	49.23 -0.40 0.00	48.52 -0.49 0.00	46.08 -0.61 0.00	47.64 -0.48 0.00	48.40 -0.69 0.00	53.99 -0.99 0.00	57.28 -1.23 -0.12	70.26 -1.29 0.00	68.04 -1.39 0.00	64.32 -1.18 0.00	57.13 -0.93 0.00	53.76 -0.27 0.00	51.83 -0.26 0.00	49.70 -0.15 0.00
MID___RAQUETTE_HYD 23851	42.62 -0.21 0.00	40.63 0.00 0.00	39.51 0.08 0.00	39.50 0.12 0.00	40.29 0.08 0.00	42.77 -0.09 0.00	48.88 -0.10 0.00	55.30 0.11 0.00	51.35 -0.10 0.00	46.10 -0.32 0.00	49.37 -0.25 0.00	48.67 -0.34 0.00	46.22 -0.47 0.00	47.69 -0.43 0.00	48.30 -0.79 0.00	53.77 -1.21 0.00	56.99 -1.40 0.00	69.90 -1.65 0.00	67.76 -1.67 0.00	64.06 -1.44 0.00	56.90 -1.16 0.00	53.33 -0.70 0.00	51.52 -0.57 0.00	49.50 -0.35 0.00
MILLIKEN___1 23584	42.92 0.09 0.00	40.67 0.04 0.00	39.39 -0.04 0.00	39.42 0.04 0.00	40.25 0.04 0.00	42.90 0.04 0.00	49.07 0.10 0.00	55.41 0.22 0.00	51.61 0.15 0.00	46.47 0.05 0.00	49.52 -0.10 0.00	48.96 -0.05 0.00	46.69 0.00 0.00	48.12 0.00 0.00	49.23 0.15 0.00	55.30 0.33 0.00	60.94 0.41 -2.14	72.48 0.93 0.00	70.47 1.04 0.00	66.41 0.92 0.00	58.82 0.75 0.00	54.52 0.49 0.00	52.61 0.52 0.00	50.30 0.45 0.00
MILLIKEN___2 23585	42.92 0.09 0.00	40.67 0.04 0.00	39.39 -0.04 0.00	39.42 0.04 0.00	40.25 0.04 0.00	42.90 0.04 0.00	49.07 0.10 0.00	55.41 0.22 0.00	51.61 0.15 0.00	46.47 0.05 0.00	49.52 -0.10 0.00	48.96 -0.05 0.00	46.69 0.00 0.00	48.12 0.00 0.00	49.23 0.15 0.00	55.30 0.33 0.00	60.94 0.41 -2.14	72.48 0.93 0.00	70.47 1.04 0.00	66.41 0.92 0.00	58.82 0.75 0.00	54.52 0.49 0.00	52.61 0.52 0.00	50.30 0.45 0.00
MILLIKEN___DIESEL 23629	42.92 0.09 0.00	40.67 0.04 0.00	39.39 -0.04 0.00	39.42 0.04 0.00	40.25 0.04 0.00	42.90 0.04 0.00	49.07 0.10 0.00	55.41 0.22 0.00	51.61 0.15 0.00	46.47 0.05 0.00	49.52 -0.10 0.00	48.96 -0.05 0.00	46.69 0.00 0.00	48.12 0.00 0.00	49.23 0.15 0.00	55.30 0.33 0.00	60.94 0.41 -2.14	72.48 0.93 0.00	70.47 1.04 0.00	66.41 0.92 0.00	58.82 0.75 0.00	54.52 0.49 0.00	52.61 0.52 0.00	50.30 0.45 0.00
MILLSEAT___LFGE 323607	40.18 -2.66 0.00	37.90 -2.72 0.00	36.75 -2.68 0.00	36.70 -2.68 0.00	37.76 -2.45 0.00	39.60 -3.26 0.00	44.57 -4.41 0.00	50.28 -4.91 0.00	47.03 -4.43 0.00	42.89 -3.53 0.00	45.21 -4.42 0.00	44.75 -4.26 0.00	42.62 -4.06 0.00	43.84 -4.28 0.00	45.06 -4.02 0.00	50.30 -4.67 0.00	53.08 -5.61 -0.30	65.68 -5.87 0.00	64.08 -5.34 0.00	60.72 -4.78 0.00	54.17 -3.89 0.00	50.20 -3.84 0.00	49.22 -2.86 0.00	47.11 -2.74 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	45.10 2.27 0.00	42.78 2.15 0.00	41.52 2.09 0.00	41.39 2.01 0.00	42.22 2.01 0.00	45.09 2.23 0.00	51.72 2.74 0.00	58.67 3.48 0.00	54.85 3.40 0.00	49.49 3.06 0.00	53.00 3.37 0.00	52.34 3.33 0.00	49.91 3.22 0.00	51.34 3.22 0.00	52.42 3.34 0.00	58.88 3.90 0.00	67.02 4.20 -4.43	76.70 5.15 0.00	74.43 5.00 0.00	70.15 4.65 0.00	62.01 3.95 0.00	57.71 3.67 0.00	55.37 3.28 0.00	52.84 2.99 0.00
MILLWOOD_13_KV_LOAD 356217	45.19 2.36 0.00	42.86 2.23 0.00	41.60 2.17 0.00	41.51 2.13 0.00	42.30 2.09 0.00	45.17 2.31 0.00	51.82 2.84 0.00	58.78 3.59 0.00	54.95 3.50 0.00	49.58 3.16 0.00	53.10 3.47 0.00	52.44 3.43 0.00	50.00 3.31 0.00	51.49 3.37 0.00	52.57 3.48 0.00	59.04 4.07 0.00	67.20 4.38 -4.43	76.92 5.37 0.00	74.64 5.21 0.00	70.34 4.85 0.00	62.19 4.12 0.00	57.87 3.84 0.00	55.47 3.39 0.00	52.94 3.09 0.00
MODEL_CITY_ENERGY 24167	39.11 -3.73 0.00	36.93 -3.70 0.00	35.84 -3.59 0.00	35.76 -3.62 0.00	36.75 -3.46 0.00	38.40 -4.46 0.00	43.05 -5.93 0.00	48.34 -6.85 0.00	45.28 -6.18 0.00	41.41 -5.01 0.00	43.67 -5.96 0.00	43.23 -5.78 0.00	41.27 -5.41 0.00	42.34 -5.78 0.00	43.49 -5.60 0.00	48.54 -6.43 0.00	51.04 -7.65 -0.30	63.03 -8.52 0.00	61.51 -7.92 0.00	58.36 -7.14 0.00	52.14 -5.92 0.00	48.41 -5.62 0.00	47.56 -4.53 0.00	45.66 -4.19 0.00
MODERN_LFGE___ 323580	39.11 -3.73 0.00	36.93 -3.70 0.00	35.84 -3.59 0.00	35.76 -3.62 0.00	36.75 -3.46 0.00	38.40 -4.46 0.00	43.05 -5.93 0.00	48.34 -6.85 0.00	45.28 -6.18 0.00	41.41 -5.01 0.00	43.67 -5.96 0.00	43.23 -5.78 0.00	41.27 -5.41 0.00	42.34 -5.78 0.00	43.49 -5.60 0.00	48.54 -6.43 0.00	51.04 -7.65 -0.30	63.03 -8.52 0.00	61.51 -7.92 0.00	58.36 -7.14 0.00	52.14 -5.92 0.00	48.41 -5.62 0.00	47.56 -4.53 0.00	45.66 -4.19 0.00
MOHAWK_PAPER___DRP 24187	44.59 1.76 0.00	42.33 1.71 0.00	41.05 1.62 0.00	41.00 1.61 0.00	41.82 1.61 0.00	44.62 1.76 0.00	50.93 1.96 0.00	57.45 2.26 0.00	53.67 2.21 0.00	48.51 2.09 0.00	51.96 2.33 0.00	51.31 2.30 0.00	48.88 2.19 0.00	50.43 2.31 0.00	51.44 2.36 0.00	57.61 2.64 0.00	66.53 2.69 -5.46	74.63 3.08 0.00	72.48 3.05 0.00	68.38 2.88 0.00	60.62 2.55 0.00	56.46 2.43 0.00	54.38 2.29 0.00	52.09 2.24 0.00
MOHICAN___35_KV_115KV_LD 80490	45.92 3.08 0.00	43.63 3.01 0.00	42.27 2.84 0.00	42.22 2.84 0.00	43.07 2.86 0.00	46.07 3.21 0.00	52.55 3.58 0.00	59.38 4.19 0.00	55.42 3.96 0.00	50.04 3.62 0.00	53.49 3.87 0.00	52.73 3.72 0.00	50.09 3.41 0.00	51.63 3.51 0.00	52.81 3.73 0.00	59.32 4.34 0.00	68.62 4.61 -5.62	77.13 5.58 0.00	75.05 5.62 0.00	70.60 5.11 0.00	62.71 4.65 0.00	58.25 4.21 0.00	56.15 4.06 0.00	53.79 3.94 0.00
MONGAUP___HYD 23641	44.93 2.10 0.00	42.58 1.95 0.00	41.36 1.93 0.00	41.27 1.89 0.00	42.10 1.89 0.00	44.92 2.06 0.00	51.47 2.50 0.00	58.00 2.81 0.00	54.18 2.73 0.00	48.70 2.27 0.00	52.00 2.38 0.00	51.31 2.30 0.00	48.93 2.24 0.00	50.43 2.31 0.00	51.59 2.50 0.00	58.00 3.02 0.00	66.03 3.56 -4.08	76.13 4.58 0.00	73.81 4.38 0.00	69.62 4.13 0.00	61.66 3.60 0.00	57.54 3.51 0.00	55.16 3.07 0.00	52.69 2.84 0.00
MONTAUK___DIESEL 23721	46.10 3.26 -0.01	43.80 3.17 -0.01	42.64 3.19 -0.01	42.42 3.03 -0.01	43.32 3.10 -0.01	46.17 3.30 -0.01	55.61 3.53 -3.10	65.91 4.42 -6.31	55.50 4.01 -0.03	50.01 3.57 -0.01	53.71 3.97 -0.12	52.74 3.72 -0.01	51.01 3.69 -0.64	62.45 3.80 -10.53	67.68 4.12 -14.48	73.29 5.44 -12.87	93.81 5.84 -29.59	98.03 7.23 -19.25	97.37 7.15 -20.79	94.85 6.62 -22.74	89.66 5.57 -26.02	78.24 5.30 -18.91	68.28 4.17 -12.02	64.05 4.39 -9.81
MOONROAD_115KV_HARTFLD_TB1-2 355988	38.12 -4.71 0.00	35.91 -4.71 0.00	34.86 -4.57 0.00	34.85 -4.53 0.00	35.87 -4.34 0.00	37.67 -5.19 0.00	42.46 -6.51 0.00	47.57 -7.62 0.00	44.46 -7.00 0.00	40.39 -6.04 0.00	42.68 -6.95 0.00	42.15 -6.86 0.00	40.29 -6.40 0.00	41.24 -6.88 0.00	42.41 -6.68 0.00	47.66 -7.31 0.00	50.43 -8.23 -0.28	62.68 -8.87 0.00	61.51 -7.91 0.00	58.29 -7.20 0.00	52.14 -5.92 0.00	48.30 -5.73 0.00	47.40 -4.69 0.00	45.66 -4.19 0.00

MORRIS_RIDGE___SOLAR 323848	39.71 -3.12 0.00	37.54 -3.09 0.00	36.40 -3.04 0.00	36.39 -2.99 0.00	37.32 -2.90 0.00	39.35 -3.51 0.00	44.52 -4.46 0.00	50.11 -5.08 0.00	46.67 -4.78 0.00	42.25 -4.18 0.00	44.66 -4.96 0.00	44.06 -4.95 0.00	42.16 -4.53 0.00	43.26 -4.86 0.00	44.42 -4.66 0.00	50.03 -4.95 0.00	53.06 -5.49 -0.16	65.68 -5.87 0.00	64.22 -5.21 0.00	60.72 -4.78 0.00	54.06 -4.01 0.00	50.14 -3.89 0.00	48.86 -3.23 0.00	46.91 -2.94 0.00
MORTIMER_115KV_TB3 55949	41.03 -1.80 0.00	38.76 -1.87 0.00	37.50 -1.93 0.00	37.45 -1.93 0.00	38.52 -1.69 0.00	40.67 -2.19 0.00	46.14 -2.84 0.00	52.04 -3.15 0.00	48.57 -2.88 0.00	44.10 -2.32 0.00	46.94 -2.68 0.00	46.41 -2.60 0.00	44.26 -2.43 0.00	45.62 -2.50 0.00	46.68 -2.41 0.00	52.17 -2.80 0.00	55.37 -3.33 -0.31	68.04 -3.51 0.00	66.17 -3.26 0.00	62.48 -3.01 0.00	55.57 -2.50 0.00	51.55 -2.49 0.00	50.21 -1.88 0.00	47.96 -1.89 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	45.36 2.53 0.00	43.02 2.40 0.00	41.80 2.37 0.00	41.63 2.24 0.00	42.46 2.25 0.00	45.35 2.49 0.00	52.06 3.09 0.00	59.16 3.97 0.00	55.26 3.81 0.00	49.86 3.44 0.00	53.39 3.77 0.00	52.73 3.72 0.00	49.88 3.59 0.40	51.78 3.66 0.00	52.58 3.78 0.29	59.30 4.34 0.02	67.32 4.73 -4.21	77.00 5.72 0.27	74.89 5.62 0.17	70.67 5.17 0.00	62.48 4.41 0.00	58.08 4.05 0.00	55.73 3.65 0.00	53.19 3.34 0.00
MUNSVILLE_WIND_PWR 323609	44.46 1.63 0.00	42.13 1.50 0.00	40.77 1.34 0.00	40.76 1.38 0.00	41.54 1.33 0.00	44.36 1.50 0.00	50.44 1.47 0.00	57.51 2.32 0.00	53.46 2.00 0.00	48.14 1.72 0.00	51.21 1.59 0.00	50.68 1.67 0.00	47.85 1.17 0.00	49.70 1.59 0.00	51.24 2.16 0.00	57.72 2.75 0.00	63.83 3.44 -2.00	76.20 4.65 0.00	73.66 4.24 0.00	69.62 4.13 0.00	61.89 3.83 0.00	57.06 3.02 0.00	55.00 2.92 0.00	52.64 2.79 0.00
N SALMON___HYD 24042	42.62 -0.21 0.00	40.59 -0.04 0.00	39.51 0.08 0.00	39.54 0.16 0.00	40.37 0.16 0.00	42.99 0.13 0.00	49.27 0.30 0.00	55.74 0.55 0.00	51.71 0.26 0.00	46.38 -0.05 0.00	49.52 -0.10 0.00	48.77 -0.24 0.00	46.36 -0.32 0.00	47.68 -0.43 0.00	48.44 -0.64 0.00	54.09 -0.88 0.00	57.45 -0.94 0.00	70.48 -1.07 0.00	68.32 -1.11 0.00	64.58 -0.92 0.00	57.37 -0.69 0.00	53.60 -0.43 0.00	51.67 -0.42 0.00	49.45 -0.40 0.00
N.AKRON__115KV_KNAPP 355671	40.13 -2.70 0.00	37.82 -2.80 0.00	36.63 -2.80 0.00	36.51 -2.87 0.00	37.68 -2.53 0.00	39.52 -3.34 0.00	44.42 -4.55 0.00	50.11 -5.08 0.00	46.77 -4.68 0.00	42.57 -3.85 0.00	45.11 -4.52 0.00	44.60 -4.41 0.00	42.58 -4.11 0.00	43.74 -4.38 0.00	44.91 -4.17 0.00	50.14 -4.84 0.00	52.96 -5.72 -0.30	65.47 -6.08 0.00	63.94 -5.48 0.00	60.52 -4.98 0.00	54.00 -4.06 0.00	50.09 -3.94 0.00	49.12 -2.97 0.00	47.01 -2.84 0.00
N.E_GEN_SANDY PD 24062	51.81 2.10 -6.88	50.58 1.99 -7.96	50.13 1.93 -8.77	50.35 1.85 -9.12	50.36 1.89 -8.26	51.80 2.06 -6.88	58.45 2.40 -7.07	64.20 2.87 -6.14	61.70 2.78 -7.47	55.86 2.55 -6.88	52.50 2.88 0.00	52.70 2.84 -0.85	53.30 2.75 -3.86	57.79 2.79 -6.88	64.56 2.90 -12.58	74.00 3.24 -15.78	80.67 3.39 -18.90	91.84 4.00 -16.29	83.25 3.89 -9.94	71.04 3.67 -1.88	68.00 3.19 -6.75	60.15 3.02 -3.09	54.90 2.81 0.00	52.44 2.59 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	45.02 2.18 0.00	42.66 2.03 0.00	41.44 2.01 0.00	41.31 1.93 0.00	42.14 1.93 0.00	45.00 2.14 0.00	51.62 2.64 0.00	58.50 3.31 0.00	54.70 3.24 0.00	49.35 2.92 0.00	52.80 3.18 0.00	52.15 3.14 0.00	49.77 3.08 0.00	51.20 3.08 0.00	52.32 3.24 0.00	58.77 3.79 0.00	66.79 4.09 -4.32	76.56 5.01 0.00	74.29 4.86 0.00	70.02 4.52 0.00	61.89 3.83 0.00	57.60 3.57 0.00	55.21 3.13 0.00	52.69 2.84 0.00
N.QUEENS_27_KV_LOAD 356247	45.58 2.74 -0.01	43.44 2.80 -0.01	42.16 2.72 -0.01	42.03 2.64 -0.01	42.87 2.65 -0.01	45.61 2.74 -0.01	52.11 3.13 0.00	59.38 4.19 0.00	55.61 4.17 0.02	50.12 3.71 0.02	53.68 4.07 0.02	53.06 4.07 0.02	50.53 3.83 -0.02	52.05 3.95 0.02	53.07 3.98 -0.01	59.71 4.73 -0.01	67.77 4.90 -4.48	77.36 5.80 -0.01	75.14 5.69 -0.02	71.01 5.50 -0.02	62.88 4.82 0.00	58.35 4.32 0.00	55.89 3.80 0.00	53.30 3.44 -0.01
N.TROY___115KV_TB1 355778	44.80 1.97 0.00	42.54 1.91 0.00	41.25 1.81 0.00	41.19 1.81 0.00	42.02 1.81 0.00	44.87 2.01 0.00	51.23 2.25 0.00	57.84 2.65 0.00	53.98 2.52 0.00	48.74 2.32 0.00	52.20 2.58 0.00	51.56 2.55 0.00	49.11 2.43 0.00	50.62 2.50 0.00	51.68 2.60 0.00	57.89 2.91 0.00	66.99 3.09 -5.51	75.20 3.65 0.00	73.04 3.61 0.00	68.84 3.34 0.00	61.02 2.96 0.00	56.79 2.76 0.00	54.69 2.60 0.00	52.29 2.44 0.00
NARROWS_GT1_1 24228	45.84 3.00 -0.01	43.40 2.76 -0.01	42.12 2.68 -0.01	41.99 2.60 -0.01	42.83 2.61 -0.01	45.78 2.92 -0.01	52.45 3.48 0.00	59.45 4.25 -0.01	55.37 3.91 -0.01	49.96 3.53 -0.01	53.50 3.87 -0.01	52.89 3.87 -0.01	60.01 3.45 -9.87	51.93 3.80 -0.01	59.81 3.58 -7.15	59.99 4.56 -0.45	73.59 4.44 -10.77	83.69 5.44 -6.71	78.86 5.27 -4.15	71.01 5.50 -0.02	62.83 4.76 -0.01	58.58 4.54 -0.01	56.37 4.27 -0.01	53.75 3.89 -0.01
NARROWS_GT1_2 24229	45.84 3.00 -0.01	43.40 2.76 -0.01	42.12 2.68 -0.01	41.99 2.60 -0.01	42.83 2.61 -0.01	45.78 2.92 -0.01	52.45 3.48 0.00	59.45 4.25 -0.01	55.37 3.91 -0.01	49.96 3.53 -0.01	53.50 3.87 -0.01	52.89 3.87 -0.01	60.01 3.45 -9.87	51.93 3.80 -0.01	59.81 3.58 -7.15	59.99 4.56 -0.45	73.59 4.44 -10.77	83.69 5.44 -6.71	78.86 5.27 -4.15	71.01 5.50 -0.02	62.83 4.76 -0.01	58.58 4.54 -0.01	56.37 4.27 -0.01	53.75 3.89 -0.01
NARROWS_GT1_3 24230	45.84 3.00 -0.01	43.40 2.76 -0.01	42.12 2.68 -0.01	41.99 2.60 -0.01	42.83 2.61 -0.01	45.78 2.92 -0.01	52.45 3.48 0.00	59.45 4.25 -0.01	55.37 3.91 -0.01	49.96 3.53 -0.01	53.50 3.87 -0.01	52.89 3.87 -0.01	60.01 3.45 -9.87	51.93 3.80 -0.01	59.81 3.58 -7.15	59.99 4.56 -0.45	73.59 4.44 -10.77	83.69 5.44 -6.71	78.86 5.27 -4.15	71.01 5.50 -0.02	62.83 4.76 -0.01	58.58 4.54 -0.01	56.37 4.27 -0.01	53.75 3.89 -0.01
NARROWS_GT1_4 24231	45.84 3.00 -0.01	43.40 2.76 -0.01	42.12 2.68 -0.01	41.99 2.60 -0.01	42.83 2.61 -0.01	45.78 2.92 -0.01	52.45 3.48 0.00	59.45 4.25 -0.01	55.37 3.91 -0.01	49.96 3.53 -0.01	53.50 3.87 -0.01	52.89 3.87 -0.01	60.01 3.45 -9.87	51.93 3.80 -0.01	59.81 3.58 -7.15	59.99 4.56 -0.45	73.59 4.44 -10.77	83.69 5.44 -6.71	78.86 5.27 -4.15	71.01 5.50 -0.02	62.83 4.76 -0.01	58.58 4.54 -0.01	56.37 4.27 -0.01	53.75 3.89 -0.01
NARROWS_GT1_5 24232	45.84 3.00 -0.01	43.40 2.76 -0.01	42.12 2.68 -0.01	41.99 2.60 -0.01	42.83 2.61 -0.01	45.78 2.92 -0.01	52.45 3.48 0.00	59.45 4.25 -0.01	55.37 3.91 -0.01	49.96 3.53 -0.01	53.50 3.87 -0.01	52.89 3.87 -0.01	60.01 3.45 -9.87	51.93 3.80 -0.01	59.81 3.58 -7.15	59.99 4.56 -0.45	73.59 4.44 -10.77	83.69 5.44 -6.71	78.86 5.27 -4.15	71.01 5.50 -0.02	62.83 4.76 -0.01	58.58 4.54 -0.01	56.37 4.27 -0.01	53.75 3.89 -0.01

NARROWS_GT1_6 24233	45.84 3.00 -0.01	43.40 2.76 -0.01	42.12 2.68 -0.01	41.99 2.60 -0.01	42.83 2.61 -0.01	45.78 2.92 -0.01	52.45 3.48 0.00	59.45 4.25 -0.01	55.37 3.91 -0.01	49.96 3.53 -0.01	53.50 3.87 -0.01	52.89 3.87 -0.01	60.01 3.45 -9.87	51.93 3.80 -0.01	59.81 3.58 -7.15	59.99 4.56 -0.45	73.59 4.44 -10.77	83.69 5.44 -6.71	78.86 5.27 -4.15	71.01 5.50 -0.02	62.83 4.76 -0.01	58.58 4.54 -0.01	56.37 4.27 -0.01	53.75 3.89 -0.01
NARROWS_GT1_7 24234	45.84 3.00 -0.01	43.40 2.76 -0.01	42.12 2.68 -0.01	41.99 2.60 -0.01	42.83 2.61 -0.01	45.78 2.92 -0.01	52.45 3.48 0.00	59.45 4.25 -0.01	55.37 3.91 -0.01	49.96 3.53 -0.01	53.50 3.87 -0.01	52.89 3.87 -0.01	60.01 3.45 -9.87	51.93 3.80 -0.01	59.81 3.58 -7.15	59.99 4.56 -0.45	73.59 4.44 -10.77	83.69 5.44 -6.71	78.86 5.27 -4.15	71.01 5.50 -0.02	62.83 4.76 -0.01	58.58 4.54 -0.01	56.37 4.27 -0.01	53.75 3.89 -0.01
NARROWS_GT1_8 24235	45.84 3.00 -0.01	43.40 2.76 -0.01	42.12 2.68 -0.01	41.99 2.60 -0.01	42.83 2.61 -0.01	45.78 2.92 -0.01	52.45 3.48 0.00	59.45 4.25 -0.01	55.37 3.91 -0.01	49.96 3.53 -0.01	53.50 3.87 -0.01	52.89 3.87 -0.01	60.01 3.45 -9.87	51.93 3.80 -0.01	59.81 3.58 -7.15	59.99 4.56 -0.45	73.59 4.44 -10.77	83.69 5.44 -6.71	78.86 5.27 -4.15	71.01 5.50 -0.02	62.83 4.76 -0.01	58.58 4.54 -0.01	56.37 4.27 -0.01	53.75 3.89 -0.01
NARROWS_GT2_1 24236	45.84 3.00 -0.01	43.40 2.76 -0.01	42.12 2.68 -0.01	41.99 2.60 -0.01	42.83 2.61 -0.01	45.78 2.92 -0.01	52.45 3.48 0.00	59.45 4.25 -0.01	55.37 3.91 -0.01	49.96 3.53 -0.01	53.50 3.87 -0.01	52.89 3.87 -0.01	60.15 3.45 -10.01	51.93 3.80 -0.01	59.92 3.58 -7.25	59.99 4.56 -0.45	73.59 4.44 -10.77	83.79 5.44 -6.80	78.91 5.27 -4.21	71.01 5.50 -0.02	62.83 4.76 -0.01	58.58 4.54 -0.01	56.37 4.27 -0.01	53.75 3.89 -0.01
NARROWS_GT2_2 24237	45.84 3.00 -0.01	43.40 2.76 -0.01	42.12 2.68 -0.01	41.99 2.60 -0.01	42.83 2.61 -0.01	45.78 2.92 -0.01	52.45 3.48 0.00	59.45 4.25 -0.01	55.37 3.91 -0.01	49.96 3.53 -0.01	53.50 3.87 -0.01	52.89 3.87 -0.01	60.15 3.45 -10.01	51.93 3.80 -0.01	59.92 3.58 -7.25	59.99 4.56 -0.45	73.59 4.44 -10.77	83.79 5.44 -6.80	78.91 5.27 -4.21	71.01 5.50 -0.02	62.83 4.76 -0.01	58.58 4.54 -0.01	56.37 4.27 -0.01	53.75 3.89 -0.01
NARROWS_GT2_3 24238	45.84 3.00 -0.01	43.40 2.76 -0.01	42.12 2.68 -0.01	41.99 2.60 -0.01	42.83 2.61 -0.01	45.78 2.92 -0.01	52.45 3.48 0.00	59.45 4.25 -0.01	55.37 3.91 -0.01	49.96 3.53 -0.01	53.50 3.87 -0.01	52.89 3.87 -0.01	60.15 3.45 -10.01	51.93 3.80 -0.01	59.92 3.58 -7.25	59.99 4.56 -0.45	73.59 4.44 -10.77	83.79 5.44 -6.80	78.91 5.27 -4.21	71.01 5.50 -0.02	62.83 4.76 -0.01	58.58 4.54 -0.01	56.37 4.27 -0.01	53.75 3.89 -0.01
NARROWS_GT2_4 24239	45.84 3.00 -0.01	43.40 2.76 -0.01	42.12 2.68 -0.01	41.99 2.60 -0.01	42.83 2.61 -0.01	45.78 2.92 -0.01	52.45 3.48 0.00	59.45 4.25 -0.01	55.37 3.91 -0.01	49.96 3.53 -0.01	53.50 3.87 -0.01	52.89 3.87 -0.01	60.15 3.45 -10.01	51.93 3.80 -0.01	59.92 3.58 -7.25	59.99 4.56 -0.45	73.59 4.44 -10.77	83.79 5.44 -6.80	78.91 5.27 -4.21	71.01 5.50 -0.02	62.83 4.76 -0.01	58.58 4.54 -0.01	56.37 4.27 -0.01	53.75 3.89 -0.01
NARROWS_GT2_5 24240	45.84 3.00 -0.01	43.40 2.76 -0.01	42.12 2.68 -0.01	41.99 2.60 -0.01	42.83 2.61 -0.01	45.78 2.92 -0.01	52.45 3.48 0.00	59.45 4.25 -0.01	55.37 3.91 -0.01	49.96 3.53 -0.01	53.50 3.87 -0.01	52.89 3.87 -0.01	60.15 3.45 -10.01	51.93 3.80 -0.01	59.92 3.58 -7.25	59.99 4.56 -0.45	73.59 4.44 -10.77	83.79 5.44 -6.80	78.91 5.27 -4.21	71.01 5.50 -0.02	62.83 4.76 -0.01	58.58 4.54 -0.01	56.37 4.27 -0.01	53.75 3.89 -0.01
NARROWS_GT2_6 24241	45.84 3.00 -0.01	43.40 2.76 -0.01	42.12 2.68 -0.01	41.99 2.60 -0.01	42.83 2.61 -0.01	45.78 2.92 -0.01	52.45 3.48 0.00	59.45 4.25 -0.01	55.37 3.91 -0.01	49.96 3.53 -0.01	53.50 3.87 -0.01	52.89 3.87 -0.01	60.15 3.45 -10.01	51.93 3.80 -0.01	59.92 3.58 -7.25	59.99 4.56 -0.45	73.59 4.44 -10.77	83.79 5.44 -6.80	78.91 5.27 -4.21	71.01 5.50 -0.02	62.83 4.76 -0.01	58.58 4.54 -0.01	56.37 4.27 -0.01	53.75 3.89 -0.01
NARROWS_GT2_7 24242	45.84 3.00 -0.01	43.40 2.76 -0.01	42.12 2.68 -0.01	41.99 2.60 -0.01	42.83 2.61 -0.01	45.78 2.92 -0.01	52.45 3.48 0.00	59.45 4.25 -0.01	55.37 3.91 -0.01	49.96 3.53 -0.01	53.50 3.87 -0.01	52.89 3.87 -0.01	60.15 3.45 -10.01	51.93 3.80 -0.01	59.92 3.58 -7.25	59.99 4.56 -0.45	73.59 4.44 -10.77	83.79 5.44 -6.80	78.91 5.27 -4.21	71.01 5.50 -0.02	62.83 4.76 -0.01	58.58 4.54 -0.01	56.37 4.27 -0.01	53.75 3.89 -0.01
NARROWS_GT2_8 24243	45.84 3.00 -0.01	43.40 2.76 -0.01	42.12 2.68 -0.01	41.99 2.60 -0.01	42.83 2.61 -0.01	45.78 2.92 -0.01	52.45 3.48 0.00	59.45 4.25 -0.01	55.37 3.91 -0.01	49.96 3.53 -0.01	53.50 3.87 -0.01	52.89 3.87 -0.01	60.15 3.45 -10.01	51.93 3.80 -0.01	59.92 3.58 -7.25	59.99 4.56 -0.45	73.59 4.44 -10.77	83.79 5.44 -6.80	78.91 5.27 -4.21	71.01 5.50 -0.02	62.83 4.76 -0.01	58.58 4.54 -0.01	56.37 4.27 -0.01	53.75 3.89 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	45.06 2.23 0.00	42.74 2.11 0.00	41.52 2.09 0.00	41.47 2.09 0.00	42.26 2.05 0.00	45.09 2.23 0.00	51.42 2.45 0.00	57.73 2.54 0.00	53.87 2.42 0.00	48.47 2.04 0.00	51.71 2.08 0.00	50.97 1.96 0.00	48.55 1.87 0.00	50.09 1.97 0.00	51.24 2.16 0.00	57.67 2.69 0.00	66.11 2.51 -5.22	75.27 3.72 0.00	73.04 3.61 0.00	68.90 3.41 0.00	61.14 3.08 0.00	57.17 3.13 0.00	55.01 2.92 0.00	52.74 2.89 0.00
NCHELSEA_115KV_TR2 355582	45.27 2.44 0.00	42.94 2.32 0.00	41.68 2.25 0.00	41.59 2.21 0.00	42.42 2.21 0.00	45.26 2.40 0.00	51.87 2.89 0.00	58.61 3.42 0.00	54.85 3.40 0.00	49.44 3.02 0.00	52.90 3.28 0.00	52.24 3.23 0.00	49.81 3.13 0.00	51.29 3.18 0.00	52.42 3.34 0.00	58.93 3.96 0.00	67.17 4.32 -4.47	76.84 5.29 0.00	74.43 5.00 0.00	70.21 4.72 0.00	62.13 4.06 0.00	57.92 3.89 0.00	55.58 3.49 0.00	53.09 3.24 0.00
NEG CAPITAL___MECHNVIL 23645	45.32 2.48 0.00	43.06 2.44 0.00	41.72 2.29 0.00	41.66 2.28 0.00	42.50 2.29 0.00	45.43 2.57 0.00	51.82 2.84 0.00	58.56 3.37 0.00	54.65 3.19 0.00	49.35 2.93 0.00	52.80 3.18 0.00	52.10 3.09 0.00	49.53 2.85 0.00	51.15 3.03 0.00	52.27 3.19 0.00	58.66 3.68 0.00	67.88 3.91 -5.58	76.20 4.65 0.00	74.08 4.65 0.00	69.75 4.25 0.00	61.83 3.77 0.00	57.49 3.46 0.00	55.37 3.28 0.00	52.99 3.14 0.00
NEG CENTRAL_HIGH_ACRES 23767	40.56 -2.27 0.00	38.35 -2.27 0.00	37.14 -2.29 0.00	37.14 -2.24 0.00	38.08 -2.13 0.00	40.33 -2.53 0.00	45.84 -3.14 0.00	51.77 -3.42 0.00	48.37 -3.09 0.00	43.92 -2.51 0.00	46.70 -2.93 0.00	46.22 -2.79 0.00	43.98 -2.71 0.00	45.33 -2.79 0.00	46.38 -2.70 0.00	51.90 -3.08 0.00	55.21 -3.56 -0.39	67.68 -3.86 0.00	65.75 -3.68 0.00	62.02 -3.47 0.00	55.10 -2.96 0.00	51.06 -2.97 0.00	49.64 -2.45 0.00	47.41 -2.44 0.00

NEG CENTRAL___DRP 24199	41.98 -0.86 0.00	39.73 -0.89 0.00	38.49 -0.95 0.00	38.48 -0.91 0.00	39.37 -0.84 0.00	41.92 -0.94 0.00	47.85 -1.13 0.00	53.92 -1.27 0.00	50.27 -1.18 0.00	45.45 -0.97 0.00	48.48 -1.14 0.00	47.93 -1.08 0.00	45.70 -0.98 0.00	47.11 -1.01 0.00	48.15 -0.93 0.00	53.93 -1.04 0.00	57.66 -1.23 -0.50	70.48 -1.07 0.00	68.46 -0.97 0.00	64.51 -0.98 0.00	57.13 -0.93 0.00	53.01 -1.03 0.00	51.31 -0.78 0.00	49.00 -0.85 0.00
NEG CENTRAL___INDECK 23768	41.59 -1.24 0.00	39.29 -1.34 0.00	38.05 -1.38 0.00	38.04 -1.34 0.00	39.09 -1.13 0.00	41.32 -1.54 0.00	47.02 -1.96 0.00	53.20 -1.98 0.00	49.50 -1.96 0.00	44.57 -1.86 0.00	47.09 -2.53 0.00	46.51 -2.50 0.00	44.35 -2.33 0.00	45.67 -2.45 0.00	46.88 -2.21 0.00	52.72 -2.26 0.00	55.98 -2.51 -0.10	69.69 -1.86 0.00	68.18 -1.25 0.00	64.45 -1.05 0.00	57.31 -0.76 0.00	52.95 -1.08 0.00	51.57 -0.52 0.00	49.20 -0.65 0.00
NEG CENTRAL___SENECA 23627	41.72 -1.11 0.00	39.45 -1.18 0.00	38.21 -1.22 0.00	38.20 -1.18 0.00	39.17 -1.05 0.00	41.57 -1.29 0.00	47.41 -1.57 0.00	53.53 -1.66 0.00	49.96 -1.49 0.00	45.17 -1.25 0.00	48.18 -1.44 0.00	47.64 -1.37 0.00	45.42 -1.26 0.00	46.82 -1.30 0.00	47.86 -1.23 0.00	53.60 -1.37 0.00	57.25 -1.63 -0.50	70.05 -1.50 0.00	68.04 -1.39 0.00	64.12 -1.38 0.00	56.84 -1.22 0.00	52.74 -1.30 0.00	51.10 -0.99 0.00	48.80 -1.05 0.00
NEG CENTRAL___STATE_STREET 24147	42.32 -0.51 0.00	40.06 -0.57 0.00	38.84 -0.59 0.00	38.83 -0.55 0.00	39.69 -0.52 0.00	42.30 -0.56 0.00	48.39 -0.59 0.00	54.53 -0.66 0.00	50.84 -0.62 0.00	45.82 -0.60 0.00	48.93 -0.69 0.00	48.37 -0.64 0.00	46.12 -0.56 0.00	47.54 -0.58 0.00	48.59 -0.49 0.00	54.43 -0.55 0.00	58.65 -0.53 -0.79	71.33 -0.21 0.00	69.22 -0.21 0.00	65.23 -0.26 0.00	57.77 -0.29 0.00	53.60 -0.43 0.00	51.72 -0.36 0.00	49.45 -0.40 0.00
NEG MILLWOOD___DRP 24198	45.44 2.61 0.00	43.14 2.52 0.00	41.88 2.44 0.00	41.74 2.36 0.00	42.58 2.37 0.00	45.43 2.57 0.00	52.06 3.09 0.00	58.94 3.75 0.00	55.16 3.70 0.00	49.77 3.34 0.00	53.30 3.67 0.00	52.64 3.63 0.00	50.09 3.41 0.00	51.68 3.56 0.00	52.76 3.68 0.00	59.43 4.45 0.00	67.56 4.67 -4.50	77.34 5.80 0.00	74.91 5.48 0.00	70.67 5.17 0.00	62.53 4.47 0.00	58.25 4.21 0.00	55.84 3.75 0.00	53.34 3.49 0.00
NEG NORTH_FLCN_SEA 23793	42.70 -0.13 0.00	40.63 0.00 0.00	39.55 0.12 0.00	39.58 0.20 0.00	40.41 0.20 0.00	43.03 0.17 0.00	49.32 0.34 0.00	55.69 0.50 0.00	51.66 0.21 0.00	46.33 -0.09 0.00	49.42 -0.20 0.00	48.72 -0.29 0.00	46.31 -0.37 0.00	47.64 -0.48 0.00	48.40 -0.69 0.00	54.10 -0.88 0.00	57.45 -0.93 0.00	70.40 -1.14 0.00	68.25 -1.18 0.00	64.45 -1.05 0.00	57.25 -0.81 0.00	53.44 -0.59 0.00	51.52 -0.57 0.00	49.30 -0.55 0.00
NEG NORTH_KES_CHATEGAY 23792	42.28 -0.56 0.00	40.22 -0.41 0.00	39.16 -0.28 0.00	39.14 -0.24 0.00	40.01 -0.20 0.00	42.60 -0.26 0.00	48.78 -0.20 0.00	55.08 -0.11 0.00	51.09 -0.36 0.00	45.82 -0.60 0.00	48.83 -0.79 0.00	48.08 -0.93 0.00	45.70 -0.98 0.00	47.06 -1.06 0.00	47.81 -1.28 0.00	53.49 -1.48 0.00	56.87 -1.52 0.00	69.69 -1.86 0.00	67.55 -1.87 0.00	63.86 -1.64 0.00	56.67 -1.39 0.00	52.90 -1.13 0.00	50.99 -1.09 0.00	48.80 -1.05 0.00
NEG NORTH___ALICE_FALLS 23915	42.75 -0.09 0.00	40.67 0.04 0.00	39.59 0.16 0.00	39.62 0.24 0.00	40.45 0.24 0.00	43.12 0.26 0.00	49.42 0.44 0.00	55.85 0.66 0.00	51.76 0.31 0.00	46.38 -0.05 0.00	49.47 -0.15 0.00	48.76 -0.25 0.00	46.31 -0.37 0.00	47.64 -0.48 0.00	48.45 -0.64 0.00	54.15 -0.82 0.00	57.57 -0.82 0.00	70.62 -0.93 0.00	68.46 -0.97 0.00	64.71 -0.79 0.00	57.42 -0.64 0.00	53.60 -0.43 0.00	51.67 -0.42 0.00	49.45 -0.40 0.00
NEG NORTH___LWR_SARANAC 23913	42.75 -0.09 0.00	40.67 0.04 0.00	39.59 0.16 0.00	39.62 0.24 0.00	40.45 0.24 0.00	43.12 0.26 0.00	49.42 0.44 0.00	55.85 0.66 0.00	51.76 0.31 0.00	46.38 -0.05 0.00	49.47 -0.15 0.00	48.76 -0.25 0.00	46.31 -0.37 0.00	47.64 -0.48 0.00	48.45 -0.64 0.00	54.15 -0.82 0.00	57.57 -0.82 0.00	70.62 -0.93 0.00	68.46 -0.97 0.00	64.71 -0.79 0.00	57.42 -0.64 0.00	53.60 -0.43 0.00	51.67 -0.42 0.00	49.45 -0.40 0.00
NEG NORTH___PLATTSBURG 23628	42.75 -0.09 0.00	40.67 0.04 0.00	39.59 0.16 0.00	39.62 0.24 0.00	40.45 0.24 0.00	43.12 0.26 0.00	49.42 0.44 0.00	55.85 0.66 0.00	51.76 0.31 0.00	46.38 -0.05 0.00	49.47 -0.15 0.00	48.77 -0.24 0.00	46.31 -0.38 0.00	47.64 -0.48 0.00	48.44 -0.64 0.00	54.15 -0.82 0.00	57.57 -0.82 0.00	70.62 -0.93 0.00	68.46 -0.97 0.00	64.71 -0.78 0.00	57.43 -0.64 0.00	53.60 -0.43 0.00	51.67 -0.42 0.00	49.45 -0.40 0.00
NEG WEST_LEA_LOCKPORT 23791	39.41 -3.43 0.00	37.17 -3.45 0.00	36.04 -3.39 0.00	35.88 -3.50 0.00	37.04 -3.18 0.00	38.75 -4.11 0.00	43.39 -5.58 0.00	48.79 -6.40 0.00	45.59 -5.87 0.00	41.60 -4.83 0.00	44.02 -5.61 0.00	43.57 -5.44 0.00	41.69 -5.00 0.00	42.73 -5.39 0.00	43.88 -5.20 0.00	48.98 -5.99 0.00	51.56 -7.12 -0.30	63.75 -7.80 0.00	62.21 -7.22 0.00	59.01 -6.48 0.00	52.66 -5.40 0.00	48.90 -5.13 0.00	48.03 -4.06 0.00	46.06 -3.79 0.00
NEG WEST___LANCASTR 23811	40.01 -2.83 0.00	37.74 -2.88 0.00	36.63 -2.80 0.00	36.62 -2.76 0.00	37.68 -2.53 0.00	39.56 -3.30 0.00	44.62 -4.36 0.00	49.95 -5.24 0.00	46.62 -4.84 0.00	42.38 -4.04 0.00	44.81 -4.81 0.00	44.35 -4.66 0.00	42.44 -4.25 0.00	43.50 -4.62 0.00	44.67 -4.42 0.00	50.03 -4.95 0.00	52.79 -5.90 -0.30	65.40 -6.15 0.00	63.87 -5.55 0.00	60.45 -5.04 0.00	53.94 -4.12 0.00	49.98 -4.05 0.00	48.81 -3.28 0.00	47.01 -2.84 0.00
NEG_PENN_ALLEGHNY 23528	42.36 -0.47 0.00	40.14 -0.49 0.00	38.92 -0.51 0.00	38.91 -0.47 0.00	39.77 -0.44 0.00	42.30 -0.56 0.00	48.29 -0.69 0.00	54.47 -0.72 0.00	50.84 -0.62 0.00	45.91 -0.51 0.00	48.93 -0.69 0.00	48.37 -0.64 0.00	46.17 -0.51 0.00	47.54 -0.58 0.00	48.59 -0.49 0.00	54.53 -0.44 0.00	59.03 -0.58 -1.23	71.19 -0.36 0.00	69.15 -0.28 0.00	65.24 -0.26 0.00	57.83 -0.23 0.00	53.66 -0.38 0.00	51.78 -0.31 0.00	49.60 -0.25 0.00
NEG___GEN_MONROE 24207	41.16 -1.67 0.00	38.84 -1.79 0.00	37.58 -1.85 0.00	37.49 -1.89 0.00	38.60 -1.61 0.00	40.72 -2.14 0.00	46.09 -2.89 0.00	51.93 -3.26 0.00	48.47 -2.98 0.00	44.01 -2.41 0.00	46.79 -2.83 0.00	46.27 -2.74 0.00	44.07 -2.61 0.00	45.38 -2.74 0.00	46.48 -2.60 0.00	51.84 -3.13 0.00	54.90 -3.80 -0.31	67.61 -3.94 0.00	65.82 -3.61 0.00	62.22 -3.27 0.00	55.39 -2.67 0.00	51.38 -2.65 0.00	50.16 -1.93 0.00	48.06 -1.79 0.00
NEPA___ENERGY 23901	39.75 -3.08 0.00	37.50 -3.13 0.00	36.36 -3.08 0.00	36.35 -3.03 0.00	37.40 -2.81 0.00	39.30 -3.56 0.00	44.42 -4.55 0.00	49.84 -5.35 0.00	46.36 -5.09 0.00	42.15 -4.27 0.00	44.61 -5.01 0.00	44.11 -4.90 0.00	42.20 -4.48 0.00	43.26 -4.86 0.00	44.47 -4.61 0.00	49.81 -5.17 0.00	52.62 -6.07 -0.30	65.18 -6.37 0.00	63.74 -5.69 0.00	60.26 -5.24 0.00	53.77 -4.30 0.00	49.76 -4.27 0.00	48.60 -3.49 0.00	46.71 -3.14 0.00

NEVERSINK___HYD 23608	45.14 2.31 0.00	42.82 2.19 0.00	41.60 2.17 0.00	41.51 2.13 0.00	42.34 2.13 0.00	45.17 2.31 0.00	51.72 2.74 0.00	58.39 3.20 0.00	54.59 3.14 0.00	49.12 2.69 0.00	52.50 2.88 0.00	51.85 2.84 0.00	49.44 2.75 0.00	50.96 2.84 0.00	52.08 2.99 0.00	58.66 3.68 0.00	66.58 4.15 -4.05	76.77 5.22 0.00	74.29 4.86 0.00	70.08 4.58 0.00	62.01 3.95 0.00	57.92 3.89 0.00	55.53 3.44 0.00	53.04 3.19 0.00
NEWKRMKL_115KV_TB1 55635	44.37 1.54 0.00	42.13 1.50 0.00	40.85 1.42 0.00	40.80 1.42 0.00	41.62 1.41 0.00	44.40 1.54 0.00	50.64 1.67 0.00	57.12 1.93 0.00	53.41 1.96 0.00	48.28 1.86 0.00	51.76 2.13 0.00	51.12 2.11 0.00	48.69 2.01 0.00	50.24 2.12 0.00	51.24 2.16 0.00	57.28 2.31 0.00	66.15 2.34 -5.43	74.05 2.50 0.00	71.86 2.43 0.00	67.85 2.36 0.00	60.21 2.15 0.00	56.14 2.11 0.00	54.07 1.98 0.00	51.85 1.99 0.00
NEWTON___FALLS_HYD 23847	42.58 -0.26 0.00	40.46 -0.16 0.00	39.31 -0.12 0.00	39.30 -0.08 0.00	40.05 -0.16 0.00	42.65 -0.21 0.00	48.39 -0.59 0.00	54.86 -0.33 0.00	50.94 -0.51 0.00	45.77 -0.65 0.00	49.23 -0.40 0.00	48.52 -0.49 0.00	46.08 -0.61 0.00	47.64 -0.48 0.00	48.40 -0.69 0.00	53.99 -0.99 0.00	57.28 -1.23 -0.12	70.26 -1.29 0.00	68.04 -1.39 0.00	64.32 -1.18 0.00	57.13 -0.93 0.00	53.76 -0.27 0.00	51.83 -0.26 0.00	49.70 -0.15 0.00
NGRID_A1_DSASP 323792	38.76 -4.07 0.00	36.56 -4.06 0.00	35.45 -3.98 0.00	35.44 -3.94 0.00	36.43 -3.78 0.00	38.15 -4.71 0.00	42.66 -6.32 0.00	47.90 -7.28 0.00	44.76 -6.69 0.00	40.90 -5.52 0.00	43.32 -6.30 0.00	42.88 -6.13 0.00	41.04 -5.65 0.00	42.06 -6.06 0.00	43.19 -5.89 0.00	48.16 -6.82 0.00	50.63 -8.06 -0.30	62.46 -9.09 0.00	60.89 -8.54 0.00	57.77 -7.73 0.00	51.62 -6.44 0.00	48.03 -6.00 0.00	47.19 -4.90 0.00	45.27 -4.59 0.00
NGRID_A2_DSASP 323793	38.76 -4.07 0.00	36.56 -4.06 0.00	35.45 -3.98 0.00	35.44 -3.94 0.00	36.43 -3.78 0.00	38.15 -4.71 0.00	42.66 -6.32 0.00	47.90 -7.28 0.00	44.76 -6.69 0.00	40.90 -5.52 0.00	43.32 -6.30 0.00	42.88 -6.13 0.00	41.04 -5.65 0.00	42.06 -6.06 0.00	43.19 -5.89 0.00	48.16 -6.82 0.00	50.63 -8.06 -0.30	62.46 -9.09 0.00	60.89 -8.54 0.00	57.77 -7.73 0.00	51.62 -6.44 0.00	48.03 -6.00 0.00	47.19 -4.90 0.00	45.27 -4.59 0.00
NGRID_A4_DSASP 323807	38.76 -4.07 0.00	36.56 -4.06 0.00	35.45 -3.98 0.00	35.44 -3.94 0.00	36.43 -3.78 0.00	38.15 -4.71 0.00	42.66 -6.32 0.00	47.90 -7.28 0.00	44.76 -6.69 0.00	40.90 -5.52 0.00	43.32 -6.30 0.00	42.88 -6.13 0.00	41.04 -5.65 0.00	42.06 -6.06 0.00	43.19 -5.89 0.00	48.16 -6.82 0.00	50.63 -8.06 -0.30	62.46 -9.09 0.00	60.89 -8.54 0.00	57.77 -7.73 0.00	51.62 -6.44 0.00	48.03 -6.00 0.00	47.19 -4.90 0.00	45.27 -4.59 0.00
NIAGARA_115E_LBMP 323715	38.93 -3.90 0.00	36.77 -3.86 0.00	35.69 -3.75 0.00	35.60 -3.78 0.00	36.55 -3.66 0.00	38.23 -4.63 0.00	42.76 -6.22 0.00	48.07 -7.12 0.00	45.02 -6.43 0.00	41.18 -5.25 0.00	43.42 -6.20 0.00	42.98 -6.03 0.00	41.08 -5.60 0.00	42.10 -6.02 0.00	43.24 -5.84 0.00	48.21 -6.76 0.00	50.74 -7.94 -0.30	62.60 -8.95 0.00	61.10 -8.33 0.00	57.97 -7.53 0.00	51.79 -6.27 0.00	48.14 -5.89 0.00	47.30 -4.79 0.00	45.36 -4.49 0.00
NIAGARA_115W_LBMP 323714	38.68 -4.15 0.00	36.52 -4.10 0.00	35.45 -3.98 0.00	35.36 -4.02 0.00	36.31 -3.90 0.00	38.10 -4.76 0.00	42.61 -6.37 0.00	47.85 -7.34 0.00	44.82 -6.64 0.00	41.04 -5.38 0.00	43.27 -6.35 0.00	42.83 -6.18 0.00	40.94 -5.74 0.00	41.96 -6.16 0.00	43.09 -5.99 0.00	48.05 -6.93 0.00	50.51 -8.17 -0.30	62.32 -9.23 0.00	60.75 -8.68 0.00	57.63 -7.86 0.00	51.50 -6.56 0.00	47.87 -6.16 0.00	47.09 -5.00 0.00	45.16 -4.69 0.00
NIAGARA_230_LBMP 323716	39.32 -3.51 0.00	37.13 -3.49 0.00	36.04 -3.39 0.00	35.92 -3.47 0.00	36.92 -3.30 0.00	38.75 -4.11 0.00	43.39 -5.58 0.00	48.73 -6.46 0.00	45.64 -5.81 0.00	41.74 -4.69 0.00	44.07 -5.56 0.00	43.62 -5.39 0.00	41.69 -4.99 0.00	42.73 -5.39 0.00	43.88 -5.20 0.00	48.93 -6.05 0.00	51.44 -7.24 -0.30	63.46 -8.09 0.00	61.86 -7.57 0.00	58.68 -6.81 0.00	52.43 -5.63 0.00	48.74 -5.29 0.00	47.82 -4.27 0.00	45.91 -3.94 0.00
NIAGARA___115KV_198_GIBSON 55903	38.68 -4.15 0.00	36.48 -4.14 0.00	35.37 -4.06 0.00	35.36 -4.02 0.00	36.31 -3.90 0.00	38.06 -4.80 0.00	42.56 -6.42 0.00	47.79 -7.40 0.00	44.66 -6.79 0.00	40.81 -5.62 0.00	43.22 -6.40 0.00	42.83 -6.18 0.00	40.94 -5.74 0.00	41.96 -6.16 0.00	43.10 -5.99 0.00	48.05 -6.93 0.00	50.51 -8.17 -0.30	62.32 -9.23 0.00	60.75 -8.68 0.00	57.64 -7.86 0.00	51.50 -6.56 0.00	47.87 -6.16 0.00	47.09 -5.00 0.00	45.17 -4.69 0.00
NIAGARA____ 23760	39.32 -3.51 0.00	37.13 -3.49 0.00	36.04 -3.39 0.00	35.92 -3.47 0.00	36.92 -3.30 0.00	38.75 -4.11 0.00	43.39 -5.58 0.00	48.73 -6.46 0.00	45.64 -5.81 0.00	41.74 -4.69 0.00	44.07 -5.56 0.00	43.62 -5.39 0.00	41.69 -4.99 0.00	42.73 -5.39 0.00	43.88 -5.20 0.00	48.93 -6.05 0.00	51.44 -7.24 -0.30	63.46 -8.09 0.00	61.86 -7.57 0.00	58.68 -6.81 0.00	52.43 -5.63 0.00	48.74 -5.29 0.00	47.82 -4.27 0.00	45.91 -3.94 0.00
NINE_MILE_1 23575	41.42 -1.41 0.00	39.29 -1.34 0.00	38.09 -1.34 0.00	38.04 -1.34 0.00	38.89 -1.33 0.00	41.40 -1.46 0.00	47.31 -1.67 0.00	53.04 -2.15 0.00	49.39 -2.06 0.00	44.61 -1.81 0.00	47.64 -1.99 0.00	47.05 -1.96 0.00	44.86 -1.82 0.00	46.24 -1.88 0.00	47.17 -1.92 0.00	52.83 -2.14 0.00	56.41 -2.28 -0.30	68.90 -2.65 0.00	66.86 -2.57 0.00	63.01 -2.49 0.00	55.86 -2.21 0.00	51.92 -2.11 0.00	50.11 -1.98 0.00	47.96 -1.89 0.00
NINE_MILE_2 23744	41.42 -1.41 0.00	39.29 -1.34 0.00	38.09 -1.34 0.00	38.04 -1.34 0.00	38.89 -1.33 0.00	41.40 -1.46 0.00	47.31 -1.67 0.00	53.04 -2.15 0.00	49.45 -2.01 0.00	44.61 -1.81 0.00	47.64 -1.99 0.00	47.05 -1.96 0.00	44.86 -1.82 0.00	46.24 -1.88 0.00	47.17 -1.92 0.00	52.83 -2.14 0.00	56.41 -2.28 -0.30	68.90 -2.65 0.00	66.86 -2.57 0.00	63.01 -2.49 0.00	55.86 -2.21 0.00	51.92 -2.11 0.00	50.11 -1.98 0.00	48.01 -1.84 0.00
NM_CAPITAL___DRP 24208	44.42 1.58 0.00	42.13 1.50 0.00	40.89 1.46 0.00	40.80 1.42 0.00	41.62 1.41 0.00	44.45 1.59 0.00	50.69 1.71 0.00	57.18 1.99 0.00	53.41 1.96 0.00	48.28 1.86 0.00	51.76 2.13 0.00	51.12 2.11 0.00	48.69 2.01 0.00	50.24 2.12 0.00	51.24 2.16 0.00	57.28 2.31 0.00	66.15 2.34 -5.43	74.13 2.58 0.00	72.00 2.57 0.00	67.92 2.42 0.00	60.27 2.21 0.00	56.14 2.11 0.00	54.07 1.98 0.00	51.85 1.99 0.00
NM_CENTRAL___DRP 24181	42.10 -0.73 0.00	39.89 -0.73 0.00	38.68 -0.75 0.00	38.67 -0.71 0.00	39.49 -0.72 0.00	42.09 -0.77 0.00	48.09 -0.88 0.00	54.08 -1.10 0.00	50.42 -1.03 0.00	45.54 -0.88 0.00	48.63 -0.99 0.00	48.13 -0.88 0.00	45.89 -0.79 0.00	47.30 -0.82 0.00	48.25 -0.83 0.00	54.10 -0.88 0.00	57.81 -0.99 -0.42	70.48 -1.07 0.00	68.39 -1.04 0.00	64.45 -1.05 0.00	57.13 -0.93 0.00	53.06 -0.97 0.00	51.20 -0.89 0.00	48.95 -0.90 0.00

NM_FRONTIER___DRP 24179	38.68 -4.15 0.00	36.48 -4.14 0.00	35.37 -4.06 0.00	35.36 -4.02 0.00	36.31 -3.90 0.00	38.06 -4.80 0.00	42.56 -6.42 0.00	47.79 -7.40 0.00	44.66 -6.79 0.00	40.81 -5.62 0.00	43.22 -6.40 0.00	42.83 -6.18 0.00	40.94 -5.74 0.00	41.96 -6.16 0.00	43.10 -5.99 0.00	48.05 -6.93 0.00	50.51 -8.17 -0.30	62.32 -9.23 0.00	60.75 -8.68 0.00	57.64 -7.86 0.00	51.50 -6.56 0.00	47.87 -6.16 0.00	47.09 -5.00 0.00	45.17 -4.69 0.00
NM_ST_REGIS___HYD 24053	42.62 -0.21 0.00	40.63 0.00 0.00	39.51 0.08 0.00	39.50 0.12 0.00	40.33 0.12 0.00	42.86 0.00 0.00	48.98 0.00 0.00	55.46 0.28 0.00	51.45 0.00 0.00	46.19 -0.23 0.00	49.37 -0.25 0.00	48.67 -0.34 0.00	46.26 -0.42 0.00	47.69 -0.43 0.00	48.30 -0.79 0.00	53.82 -1.15 0.00	57.10 -1.28 0.00	70.05 -1.50 0.00	67.90 -1.53 0.00	64.19 -1.31 0.00	57.02 -1.05 0.00	53.38 -0.65 0.00	51.57 -0.52 0.00	49.50 -0.35 0.00
NORTHPORT___1 23551	46.01 3.17 -0.01	43.68 3.05 -0.01	42.40 2.96 -0.01	42.34 2.96 -0.01	43.20 2.98 -0.01	46.00 3.13 -0.01	55.77 3.72 -3.07	66.06 4.64 -6.24	55.91 4.43 -0.03	50.38 3.94 -0.01	53.85 4.12 -0.11	52.99 3.97 -0.01	51.28 3.97 -0.63	62.48 3.95 -10.41	67.47 4.07 -14.32	72.70 5.00 -12.72	93.24 5.55 -29.30	96.92 6.37 -19.00	96.20 6.25 -20.52	93.84 5.90 -22.45	89.13 5.34 -25.73	77.70 4.97 -18.70	68.19 4.22 -11.89	63.34 3.79 -9.70
NORTHPORT___2 23552	46.01 3.17 -0.01	43.68 3.05 -0.01	42.40 2.96 -0.01	42.34 2.96 -0.01	43.20 2.98 -0.01	46.00 3.13 -0.01	55.77 3.72 -3.07	66.06 4.64 -6.24	55.91 4.43 -0.03	50.38 3.94 -0.01	53.85 4.12 -0.11	52.99 3.97 -0.01	51.28 3.97 -0.63	62.48 3.95 -10.41	67.47 4.07 -14.32	72.70 5.00 -12.72	93.24 5.55 -29.30	96.92 6.37 -19.00	96.20 6.25 -20.52	93.84 5.90 -22.45	89.13 5.34 -25.73	77.70 4.97 -18.70	68.19 4.22 -11.89	63.34 3.79 -9.70
NORTHPORT___3 23553	45.88 3.04 -0.01	43.52 2.88 -0.01	42.28 2.84 -0.01	42.19 2.80 -0.01	43.03 2.81 -0.01	45.87 3.00 -0.01	55.63 3.57 -3.08	65.91 4.47 -6.26	55.76 4.27 -0.03	50.24 3.81 -0.01	53.71 3.97 -0.11	52.89 3.87 -0.01	51.14 3.83 -0.63	62.36 3.80 -10.44	67.41 3.97 -14.36	72.57 4.84 -12.76	93.13 5.37 -29.37	96.68 6.08 -19.05	95.98 5.97 -20.58	93.70 5.70 -22.51	89.03 5.17 -25.80	77.59 4.81 -18.75	68.08 4.07 -11.92	63.27 3.69 -9.72
NORTHPORT___4 23650	45.88 3.04 -0.01	43.52 2.88 -0.01	42.28 2.84 -0.01	42.19 2.80 -0.01	43.03 2.81 -0.01	45.87 3.00 -0.01	55.63 3.57 -3.08	65.91 4.47 -6.26	55.76 4.27 -0.03	50.24 3.81 -0.01	53.71 3.97 -0.11	52.89 3.87 -0.01	51.14 3.83 -0.63	62.36 3.80 -10.44	67.41 3.97 -14.36	72.57 4.84 -12.76	93.13 5.37 -29.37	96.68 6.08 -19.05	95.98 5.97 -20.58	93.70 5.70 -22.51	89.03 5.17 -25.80	77.59 4.81 -18.75	68.08 4.07 -11.92	63.27 3.69 -9.72
NORTHPORT___IC 23718	46.01 3.17 -0.01	43.68 3.05 -0.01	42.40 2.96 -0.01	42.34 2.95 -0.01	43.16 2.94 -0.01	46.00 3.13 -0.01	55.86 3.82 -3.07	66.12 4.69 -6.24	55.91 4.43 -0.03	50.38 3.95 -0.01	53.91 4.17 -0.11	52.99 3.97 -0.01	51.19 3.87 -0.63	62.43 3.90 -10.41	67.47 4.07 -14.32	72.92 5.22 -12.72	93.24 5.55 -29.30	96.92 6.37 -19.00	96.20 6.25 -20.52	93.84 5.89 -22.45	89.13 5.34 -25.73	77.71 4.97 -18.70	68.14 4.17 -11.89	63.34 3.79 -9.70
NORTH___COUNTRY_ESR 323785	42.19 -0.64 0.00	40.14 -0.49 0.00	39.08 -0.36 0.00	39.06 -0.32 0.00	39.89 -0.32 0.00	42.52 -0.34 0.00	48.68 -0.29 0.00	54.91 -0.27 0.00	50.99 -0.46 0.00	45.77 -0.65 0.00	48.83 -0.80 0.00	48.08 -0.93 0.00	45.70 -0.98 0.00	47.01 -1.10 0.00	47.81 -1.28 0.00	53.44 -1.54 0.00	56.81 -1.57 0.00	69.55 -2.00 0.00	67.41 -2.02 0.00	63.66 -1.83 0.00	56.50 -1.56 0.00	52.73 -1.30 0.00	50.84 -1.25 0.00	48.65 -1.20 0.00
NPX_GEN_1385_PROXY 323591	46.95 4.11 -0.01	44.57 3.94 -0.01	43.27 3.82 -0.01	43.17 3.78 -0.01	44.08 3.86 -0.01	46.94 4.07 -0.01	63.40 4.85 -9.57	67.86 5.85 -6.82	57.91 5.56 -0.90	51.22 4.78 -0.01	54.30 4.56 -0.11	53.14 4.12 -0.01	51.70 4.39 -0.63	62.52 3.99 -10.41	67.47 4.07 -14.32	73.31 5.61 -12.72	100.00 6.83 -34.79	110.30 7.94 -30.81	97.30 7.36 -20.52	94.49 6.55 -22.45	89.65 5.86 -25.73	78.14 5.40 -18.70	68.56 4.58 -11.89	63.44 3.89 -9.70
NPX_GEN_CSC 323557	46.39 3.55 -0.01	44.09 3.45 -0.01	42.87 3.43 -0.01	42.70 3.31 -0.01	43.60 3.38 -0.01	46.42 3.56 -0.01	56.24 4.16 -3.10	66.63 5.13 -6.31	56.27 4.79 -0.03	50.61 4.18 -0.01	54.15 4.41 -0.12	53.28 4.26 -0.01	51.61 4.29 -0.63	62.98 4.33 -10.53	68.12 4.57 -14.47	73.56 5.72 -12.86	94.39 6.42 -29.58	98.60 7.80 -19.25	97.85 7.64 -20.78	95.37 7.14 -22.73	90.17 6.09 -26.01	78.83 5.89 -18.91	69.06 4.95 -12.02	64.19 4.54 -9.80
NSINS_S_GLNS_FALLS 23858	45.87 3.04 0.00	43.63 3.01 0.00	42.27 2.84 0.00	42.22 2.84 0.00	43.03 2.81 0.00	46.03 3.17 0.00	52.50 3.53 0.00	59.38 4.19 0.00	55.42 3.96 0.00	50.00 3.57 0.00	53.49 3.87 0.00	52.73 3.72 0.00	50.05 3.36 0.00	51.63 3.51 0.00	52.81 3.73 0.00	59.32 4.34 0.00	68.63 4.61 -5.63	77.06 5.51 0.00	75.05 5.62 0.00	70.54 5.04 0.00	62.71 4.65 0.00	58.25 4.21 0.00	56.15 4.06 0.00	53.74 3.89 0.00
NUCOR_STEEL___DRP 24197	42.45 -0.39 0.00	40.22 -0.41 0.00	38.96 -0.47 0.00	38.95 -0.43 0.00	39.81 -0.40 0.00	42.43 -0.43 0.00	48.49 -0.49 0.00	54.64 -0.55 0.00	50.94 -0.51 0.00	45.91 -0.51 0.00	49.03 -0.60 0.00	48.47 -0.54 0.00	46.26 -0.42 0.00	47.69 -0.43 0.00	48.69 -0.39 0.00	54.59 -0.38 0.00	58.74 -0.41 -0.77	71.33 -0.21 0.00	69.29 -0.14 0.00	65.30 -0.20 0.00	57.83 -0.23 0.00	53.65 -0.38 0.00	51.83 -0.26 0.00	49.55 -0.30 0.00
NUMBER_THREE_WT_PWR 323818	42.83 0.00 0.00	40.67 0.04 0.00	39.43 0.00 0.00	39.42 0.04 0.00	40.17 -0.04 0.00	42.90 0.04 0.00	48.68 -0.29 0.00	55.24 0.06 0.00	51.35 -0.10 0.00	46.19 -0.23 0.00	49.52 -0.10 0.00	48.86 -0.15 0.00	46.36 -0.32 0.00	48.02 -0.10 0.00	48.94 -0.15 0.00	54.87 -0.11 0.00	58.43 -0.12 -0.16	71.76 0.22 0.00	69.50 0.07 0.00	65.69 0.20 0.00	58.35 0.29 0.00	54.57 0.54 0.00	52.50 0.41 0.00	50.30 0.45 0.00
NYISO_LBMP_REFERENCE 24008	42.83 0.00 0.00	40.63 0.00 0.00	39.43 0.00 0.00	39.38 0.00 0.00	40.21 0.00 0.00	42.86 0.00 0.00	48.98 0.00 0.00	55.19 0.00 0.00	51.45 0.00 0.00	46.42 0.00 0.00	49.62 0.00 0.00	49.01 0.00 0.00	46.69 0.00 0.00	48.12 0.00 0.00	49.08 0.00 0.00	54.98 0.00 0.00	58.39 0.00 0.00	71.55 0.00 0.00	69.43 0.00 0.00	65.50 0.00 0.00	58.06 0.00 0.00	54.03 0.00 0.00	52.09 0.00 0.00	49.85 0.00 0.00
NYPA_BRENTWD____GT 24164	46.61 3.77 -0.01	44.21 3.58 -0.01	42.95 3.51 -0.01	42.81 3.42 -0.01	43.72 3.50 -0.01	46.64 3.77 -0.01	56.66 4.50 -3.18	67.12 5.46 -6.47	56.63 5.14 -0.04	50.98 4.55 -0.01	54.55 4.81 -0.12	53.68 4.66 -0.01	51.96 4.62 -0.65	63.53 4.62 -10.79	68.78 4.86 -14.84	74.05 5.89 -13.19	95.19 6.60 -30.21	98.47 7.22 -19.69	97.64 6.94 -21.27	95.84 7.08 -23.27	91.12 6.39 -26.67	79.30 5.89 -19.38	69.52 5.11 -12.32	64.54 4.64 -10.05

NYPA_GOWANUS____GT5 24156	45.84 3.00 -0.01	43.40 2.76 -0.01	42.12 2.68 -0.01	41.99 2.60 -0.01	42.83 2.61 -0.01	45.78 2.92 -0.01	52.45 3.48 0.00	59.45 4.25 -0.01	55.37 3.91 -0.01	49.96 3.53 -0.01	53.50 3.87 -0.01	52.89 3.87 -0.01	60.01 3.45 -9.87	51.93 3.80 -0.01	59.81 3.58 -7.15	59.99 4.56 -0.45	73.59 4.44 -10.77	83.69 5.44 -6.71	78.86 5.27 -4.15	71.01 5.50 -0.02	62.83 4.76 -0.01	58.58 4.54 -0.01	56.37 4.27 -0.01	53.75 3.89 -0.01
NYPA_GOWANUS____GT6 24157	45.84 3.00 -0.01	43.40 2.76 -0.01	42.12 2.68 -0.01	41.99 2.60 -0.01	42.83 2.61 -0.01	45.78 2.92 -0.01	52.45 3.48 0.00	59.45 4.25 -0.01	55.37 3.91 -0.01	49.96 3.53 -0.01	53.50 3.87 -0.01	52.89 3.87 -0.01	60.01 3.45 -9.87	51.93 3.80 -0.01	59.81 3.58 -7.15	59.99 4.56 -0.45	73.59 4.44 -10.77	83.69 5.44 -6.71	78.86 5.27 -4.15	71.01 5.50 -0.02	62.83 4.76 -0.01	58.58 4.54 -0.01	56.37 4.27 -0.01	53.75 3.89 -0.01
NYPA_HARLEM__RVR__GT1 24160	45.58 2.74 -0.01	43.36 2.72 -0.01	42.08 2.64 -0.01	41.95 2.56 -0.01	42.83 2.61 -0.01	45.57 2.70 -0.01	52.06 3.09 0.01	59.22 4.03 0.00	55.41 3.96 0.01	49.94 3.53 0.01	53.53 3.92 0.01	52.87 3.87 0.01	50.35 3.64 -0.02	51.91 3.80 0.01	52.93 3.83 -0.01	59.49 4.51 -0.01	67.54 4.67 -4.48	77.14 5.58 -0.01	74.93 5.48 -0.02	70.81 5.30 -0.01	62.71 4.65 0.00	58.25 4.22 0.00	55.85 3.75 -0.01	53.25 3.39 -0.01
NYPA_HARLEM__RVR__GT2 24161	45.58 2.74 -0.01	43.36 2.72 -0.01	42.08 2.64 -0.01	41.95 2.56 -0.01	42.83 2.61 -0.01	45.57 2.70 -0.01	52.06 3.09 0.01	59.22 4.03 0.00	55.41 3.96 0.01	49.94 3.53 0.01	53.53 3.92 0.01	52.87 3.87 0.01	50.35 3.64 -0.02	51.91 3.80 0.01	52.93 3.83 -0.01	59.49 4.51 -0.01	67.54 4.67 -4.48	77.14 5.58 -0.01	74.93 5.48 -0.02	70.81 5.30 -0.01	62.71 4.65 0.00	58.25 4.22 0.00	55.85 3.75 -0.01	53.25 3.39 -0.01
NYPA_KENT____GT 24152	45.75 2.91 -0.01	43.36 2.72 -0.01	42.08 2.64 -0.01	41.95 2.56 -0.01	42.80 2.58 -0.01	45.74 2.87 -0.01	52.40 3.43 0.00	59.45 4.25 -0.01	55.42 3.96 -0.01	50.01 3.57 -0.01	53.60 3.97 -0.01	52.94 3.92 -0.01	60.27 3.60 -9.99	51.98 3.85 -0.01	60.05 3.73 -7.24	59.99 4.56 -0.45	73.77 4.61 -10.77	83.99 5.65 -6.79	79.12 5.48 -4.20	70.95 5.43 -0.02	62.83 4.76 -0.01	58.52 4.48 -0.01	56.27 4.17 -0.01	53.65 3.79 -0.01
NYPA_POUCH1____GT 24155	45.88 3.04 -0.01	43.44 2.80 -0.01	42.16 2.72 -0.01	42.03 2.64 -0.01	42.87 2.65 -0.01	45.87 3.00 -0.01	52.45 3.48 0.00	59.39 4.19 -0.01	55.27 3.81 -0.01	49.82 3.39 -0.01	53.40 3.77 -0.01	52.74 3.72 -0.01	59.73 3.22 -9.83	51.78 3.66 -0.01	59.55 3.34 -7.12	59.83 4.40 -0.45	73.22 4.15 -10.69	83.31 5.08 -6.68	78.50 4.93 -4.14	70.95 5.43 -0.02	62.77 4.70 -0.01	58.58 4.54 -0.01	56.42 4.32 -0.01	53.85 3.99 -0.01
NYPA_VERNON____GT2 24162	45.67 2.83 -0.01	43.32 2.68 -0.01	42.04 2.60 -0.01	41.91 2.52 -0.01	42.80 2.58 -0.01	45.65 2.78 -0.01	52.35 3.38 0.00	59.45 4.25 -0.01	55.53 4.06 -0.01	50.10 3.67 -0.01	53.65 4.02 -0.01	52.99 3.97 -0.01	60.40 3.74 -9.98	52.02 3.90 -0.01	60.24 3.93 -7.23	60.04 4.62 -0.45	73.95 4.79 -10.77	84.12 5.79 -6.78	79.25 5.62 -4.20	70.95 5.43 -0.02	62.83 4.76 -0.01	58.47 4.43 -0.01	56.11 4.01 -0.01	53.55 3.69 -0.01
NYPA_VERNON____GT3 24163	45.67 2.83 -0.01	43.32 2.68 -0.01	42.04 2.60 -0.01	41.91 2.52 -0.01	42.80 2.58 -0.01	45.65 2.78 -0.01	52.35 3.38 0.00	59.45 4.25 -0.01	55.53 4.06 -0.01	50.10 3.67 -0.01	53.65 4.02 -0.01	52.99 3.97 -0.01	60.40 3.74 -9.98	52.02 3.90 -0.01	60.24 3.93 -7.23	60.04 4.62 -0.45	73.95 4.79 -10.77	84.12 5.79 -6.78	79.25 5.62 -4.20	70.95 5.43 -0.02	62.83 4.76 -0.01	58.47 4.43 -0.01	56.11 4.01 -0.01	53.55 3.69 -0.01
NYPA__ASTORIA_CC1 323568	45.67 2.83 -0.01	43.31 2.68 -0.01	42.04 2.60 -0.01	41.91 2.52 -0.01	42.80 2.58 -0.01	45.65 2.78 -0.01	52.31 3.33 0.00	59.45 4.25 -0.01	55.48 4.02 -0.01	50.06 3.62 -0.01	53.60 3.97 -0.01	52.94 3.92 -0.01	60.39 3.74 -9.97	51.98 3.85 -0.01	60.18 3.88 -7.22	59.99 4.56 -0.45	73.95 4.79 -10.77	84.05 5.73 -6.77	79.18 5.56 -4.19	70.88 5.37 -0.02	62.83 4.76 -0.01	58.41 4.37 -0.01	56.11 4.01 -0.01	53.55 3.69 -0.01
NYPA__ASTORIA_CC2 323569	45.67 2.83 -0.01	43.31 2.68 -0.01	42.04 2.60 -0.01	41.91 2.52 -0.01	42.80 2.58 -0.01	45.65 2.78 -0.01	52.31 3.33 0.00	59.45 4.25 -0.01	55.48 4.02 -0.01	50.06 3.62 -0.01	53.60 3.97 -0.01	52.94 3.92 -0.01	60.39 3.74 -9.97	51.98 3.85 -0.01	60.18 3.88 -7.22	59.99 4.56 -0.45	73.95 4.79 -10.77	84.05 5.73 -6.77	79.18 5.56 -4.19	70.88 5.37 -0.02	62.83 4.76 -0.01	58.41 4.37 -0.01	56.11 4.01 -0.01	53.55 3.69 -0.01
NYPA__HOLTSVILL 23794	46.09 3.25 -0.01	43.81 3.17 -0.01	42.56 3.11 -0.01	42.42 3.03 -0.01	43.32 3.10 -0.01	46.12 3.26 -0.01	55.94 3.87 -3.10	66.28 4.80 -6.30	56.02 4.53 -0.03	50.43 3.99 -0.01	53.95 4.22 -0.12	53.14 4.12 -0.01	51.38 4.06 -0.63	62.71 4.09 -10.51	67.80 4.27 -14.45	73.10 5.28 -12.84	93.81 5.89 -29.53	97.70 6.94 -19.21	96.99 6.81 -20.75	94.61 6.42 -22.69	89.72 5.69 -25.97	78.20 5.30 -18.87	68.57 4.48 -12.00	63.73 4.09 -9.79
NYPA____HELLGATE_GT1 24158	45.58 2.74 -0.01	43.36 2.72 -0.01	42.08 2.64 -0.01	41.95 2.56 -0.01	42.83 2.61 -0.01	45.57 2.70 -0.01	52.06 3.09 0.01	59.22 4.03 0.00	55.41 3.96 0.01	49.94 3.53 0.01	53.53 3.92 0.01	52.87 3.87 0.01	50.35 3.64 -0.02	51.91 3.80 0.01	52.93 3.83 -0.01	59.49 4.51 -0.01	67.54 4.67 -4.48	77.14 5.58 -0.01	74.93 5.48 -0.02	70.81 5.30 -0.01	62.71 4.65 0.00	58.25 4.22 0.00	55.85 3.75 -0.01	53.25 3.39 -0.01
NYPA____HELLGATE_GT2 24159	45.58 2.74 -0.01	43.36 2.72 -0.01	42.08 2.64 -0.01	41.95 2.56 -0.01	42.83 2.61 -0.01	45.57 2.70 -0.01	52.06 3.09 0.01	59.22 4.03 0.00	55.41 3.96 0.01	49.94 3.53 0.01	53.53 3.92 0.01	52.87 3.87 0.01	50.35 3.64 -0.02	51.91 3.80 0.01	52.93 3.83 -0.01	59.49 4.51 -0.01	67.54 4.67 -4.48	77.14 5.58 -0.01	74.93 5.48 -0.02	70.81 5.30 -0.01	62.71 4.65 0.00	58.25 4.22 0.00	55.85 3.75 -0.01	53.25 3.39 -0.01
NYS_BARGE__HYD 23848	39.40 -3.43 0.00	37.21 -3.41 0.00	36.12 -3.31 0.00	36.03 -3.35 0.00	37.03 -3.18 0.00	38.75 -4.11 0.00	43.44 -5.53 0.00	48.84 -6.34 0.00	45.74 -5.71 0.00	41.83 -4.60 0.00	44.07 -5.56 0.00	43.62 -5.39 0.00	41.64 -5.04 0.00	42.73 -5.39 0.00	43.88 -5.20 0.00	49.04 -5.94 0.00	51.62 -7.07 -0.30	63.75 -7.80 0.00	62.21 -7.22 0.00	59.01 -6.49 0.00	52.72 -5.34 0.00	48.95 -5.08 0.00	48.03 -4.06 0.00	46.11 -3.74 0.00
OAK ORCHARD__HYD 24046	41.03 -1.80 0.00	38.80 -1.83 0.00	37.58 -1.85 0.00	37.53 -1.85 0.00	38.52 -1.69 0.00	40.72 -2.14 0.00	46.13 -2.84 0.00	52.10 -3.09 0.00	48.67 -2.78 0.00	44.24 -2.18 0.00	46.99 -2.63 0.00	46.46 -2.55 0.00	44.26 -2.43 0.00	45.61 -2.50 0.00	46.68 -2.40 0.00	52.17 -2.80 0.00	55.37 -3.33 0.00	68.05 -3.50 0.00	66.17 -3.26 0.00	62.48 -3.01 0.00	55.63 -2.44 0.00	51.55 -2.48 0.00	50.22 -1.87 0.00	47.96 -1.89 0.00

OAKDALE___35_KV_LOAD 356122	42.32 -0.51 0.00	40.06 -0.57 0.00	38.84 -0.59 0.00	38.83 -0.55 0.00	39.69 -0.52 0.00	42.22 -0.64 0.00	48.19 -0.78 0.00	54.31 -0.88 0.00	50.63 -0.82 0.00	45.73 -0.70 0.00	48.78 -0.84 0.00	48.23 -0.78 0.00	45.98 -0.70 0.00	47.40 -0.72 0.00	48.45 -0.64 0.00	54.37 -0.60 0.00	58.82 -0.76 -1.19	70.91 -0.64 0.00	68.94 -0.49 0.00	65.04 -0.46 0.00	57.66 -0.41 0.00	53.49 -0.54 0.00	51.67 -0.42 0.00	49.45 -0.40 0.00
OCC_CHEM___DRP 24175	38.76 -4.07 0.00	36.56 -4.06 0.00	35.45 -3.98 0.00	35.44 -3.94 0.00	36.43 -3.78 0.00	38.15 -4.71 0.00	42.66 -6.32 0.00	47.90 -7.28 0.00	44.76 -6.69 0.00	40.90 -5.52 0.00	43.32 -6.30 0.00	42.88 -6.13 0.00	41.04 -5.65 0.00	42.06 -6.06 0.00	43.19 -5.89 0.00	48.16 -6.82 0.00	50.63 -8.06 -0.30	62.46 -9.09 0.00	60.89 -8.54 0.00	57.77 -7.73 0.00	51.62 -6.44 0.00	48.03 -6.00 0.00	47.19 -4.90 0.00	45.27 -4.59 0.00
OH_GEN_PROXY 24063	39.40 -3.43 0.00	37.21 -3.41 0.00	36.08 -3.35 0.00	35.99 -3.39 0.00	36.99 -3.22 0.00	38.83 -4.03 0.00	43.54 -5.44 0.00	48.95 -6.24 0.00	45.79 -5.66 0.00	41.88 -4.55 0.00	44.22 -5.41 0.00	43.77 -5.24 0.00	41.78 -4.90 0.00	42.88 -5.24 0.00	43.98 -5.11 0.00	49.09 -5.88 0.00	51.68 -7.01 -0.30	63.75 -7.80 0.00	62.14 -7.29 0.00	58.95 -6.55 0.00	52.60 -5.46 0.00	48.84 -5.19 0.00	47.92 -4.17 0.00	46.01 -3.84 0.00
OLIN_CORP_DRP 24177	39.02 -3.81 0.00	36.81 -3.82 0.00	35.65 -3.79 0.00	35.44 -3.94 0.00	36.63 -3.58 0.00	38.27 -4.59 0.00	42.85 -6.12 0.00	48.12 -7.06 0.00	44.97 -6.48 0.00	41.08 -5.34 0.00	43.47 -6.15 0.00	43.03 -5.98 0.00	41.18 -5.51 0.00	42.20 -5.92 0.00	43.34 -5.74 0.00	48.32 -6.65 0.00	50.86 -7.82 -0.30	62.75 -8.80 0.00	61.24 -8.19 0.00	58.10 -7.40 0.00	51.91 -6.15 0.00	48.25 -5.78 0.00	47.40 -4.69 0.00	45.46 -4.39 0.00
OLIN_CORP_DSASP 323712	38.76 -4.07 0.00	36.56 -4.06 0.00	35.45 -3.98 0.00	35.44 -3.94 0.00	36.43 -3.78 0.00	38.15 -4.71 0.00	42.66 -6.32 0.00	47.90 -7.28 0.00	44.76 -6.69 0.00	40.90 -5.52 0.00	43.32 -6.30 0.00	42.88 -6.13 0.00	41.04 -5.65 0.00	42.06 -6.06 0.00	43.19 -5.89 0.00	48.16 -6.82 0.00	50.63 -8.06 -0.30	62.46 -9.09 0.00	60.89 -8.54 0.00	57.77 -7.73 0.00	51.62 -6.44 0.00	48.03 -6.00 0.00	47.19 -4.90 0.00	45.27 -4.59 0.00
ONEIDA_HERK_LFGE 323681	43.39 0.56 0.00	41.15 0.53 0.00	39.91 0.47 0.00	39.89 0.51 0.00	40.70 0.48 0.00	43.46 0.60 0.00	49.47 0.49 0.00	55.96 0.77 0.00	52.17 0.72 0.00	47.03 0.60 0.00	50.32 0.69 0.00	49.70 0.69 0.00	47.20 0.51 0.00	48.89 0.77 0.00	49.87 0.78 0.00	55.91 0.93 0.00	59.58 1.05 -0.14	72.98 1.43 0.00	70.68 1.25 0.00	66.74 1.24 0.00	59.22 1.16 0.00	55.22 1.19 0.00	53.13 1.04 0.00	50.85 1.00 0.00
ONEIDA___115KV_TB4 55905	43.69 0.86 0.00	41.40 0.77 0.00	40.14 0.71 0.00	40.13 0.75 0.00	40.98 0.76 0.00	43.72 0.86 0.00	49.86 0.88 0.00	56.40 1.21 0.00	52.59 1.13 0.00	47.44 1.02 0.00	50.67 1.04 0.00	50.09 1.08 0.00	47.62 0.93 0.00	49.27 1.15 0.00	50.31 1.23 0.00	56.40 1.43 0.00	60.23 1.58 -0.27	73.62 2.07 0.00	71.30 1.87 0.00	67.33 1.83 0.00	59.69 1.63 0.00	55.49 1.46 0.00	53.44 1.35 0.00	51.10 1.25 0.00
ONONDAGA_REF_OCCRA 23987	42.28 -0.56 0.00	40.06 -0.57 0.00	38.84 -0.59 0.00	38.83 -0.55 0.00	39.65 -0.56 0.00	42.26 -0.60 0.00	48.34 -0.64 0.00	54.36 -0.83 0.00	50.68 -0.77 0.00	45.77 -0.65 0.00	48.88 -0.74 0.00	48.32 -0.69 0.00	46.08 -0.61 0.00	47.49 -0.63 0.00	48.49 -0.59 0.00	54.37 -0.60 0.00	58.34 -0.70 -0.66	70.91 -0.64 0.00	68.87 -0.56 0.00	64.91 -0.59 0.00	57.48 -0.58 0.00	53.33 -0.70 0.00	51.46 -0.63 0.00	49.25 -0.60 0.00
ONONDAGA___COGEN 23986	42.32 -0.51 0.00	40.10 -0.53 0.00	38.88 -0.55 0.00	38.87 -0.51 0.00	39.69 -0.52 0.00	42.30 -0.56 0.00	48.39 -0.59 0.00	54.36 -0.83 0.00	50.73 -0.72 0.00	45.77 -0.65 0.00	48.93 -0.69 0.00	48.37 -0.64 0.00	46.12 -0.56 0.00	47.54 -0.58 0.00	48.54 -0.54 0.00	54.43 -0.55 0.00	58.29 -0.64 -0.55	70.98 -0.57 0.00	68.87 -0.56 0.00	64.91 -0.59 0.00	57.48 -0.58 0.00	53.33 -0.70 0.00	51.52 -0.57 0.00	49.25 -0.60 0.00
ONTARIO___LFGE 23819	41.72 -1.11 0.00	39.49 -1.14 0.00	38.25 -1.18 0.00	38.24 -1.14 0.00	39.17 -1.05 0.00	41.62 -1.24 0.00	47.46 -1.52 0.00	53.53 -1.65 0.00	50.01 -1.44 0.00	45.26 -1.16 0.00	48.18 -1.44 0.00	47.69 -1.32 0.00	45.43 -1.26 0.00	46.82 -1.30 0.00	47.86 -1.23 0.00	53.60 -1.37 0.00	57.25 -1.63 -0.50	70.04 -1.51 0.00	68.04 -1.39 0.00	64.12 -1.38 0.00	56.84 -1.22 0.00	52.73 -1.30 0.00	51.10 -0.99 0.00	48.80 -1.05 0.00
ORANGEVILLE_WT_PWR 323706	39.23 -3.60 0.00	37.09 -3.53 0.00	36.00 -3.43 0.00	35.95 -3.43 0.00	36.92 -3.30 0.00	38.79 -4.07 0.00	43.74 -5.24 0.00	49.17 -6.01 0.00	45.90 -5.56 0.00	41.64 -4.78 0.00	44.02 -5.61 0.00	43.47 -5.54 0.00	41.55 -5.14 0.00	42.63 -5.49 0.00	43.83 -5.25 0.00	49.20 -5.77 0.00	52.12 -6.48 -0.21	64.54 -7.01 0.00	63.11 -6.32 0.00	59.73 -5.76 0.00	53.24 -4.82 0.00	49.38 -4.65 0.00	48.29 -3.80 0.00	46.36 -3.49 0.00
ORANGEVILLE___ESR 323794	39.23 -3.60 0.00	37.09 -3.53 0.00	36.00 -3.43 0.00	35.95 -3.43 0.00	36.92 -3.30 0.00	38.79 -4.07 0.00	43.74 -5.24 0.00	49.17 -6.01 0.00	45.90 -5.56 0.00	41.64 -4.78 0.00	44.02 -5.61 0.00	43.47 -5.54 0.00	41.55 -5.14 0.00	42.63 -5.49 0.00	43.83 -5.25 0.00	49.20 -5.77 0.00	52.12 -6.48 -0.21	64.54 -7.01 0.00	63.11 -6.32 0.00	59.73 -5.76 0.00	53.24 -4.82 0.00	49.38 -4.65 0.00	48.29 -3.80 0.00	46.36 -3.49 0.00
OSWEGATCHIE___HYD 24044	42.58 -0.26 0.00	40.46 -0.16 0.00	39.31 -0.12 0.00	39.30 -0.08 0.00	40.05 -0.16 0.00	42.65 -0.21 0.00	48.39 -0.59 0.00	54.86 -0.33 0.00	50.94 -0.51 0.00	45.77 -0.65 0.00	49.22 -0.40 0.00	48.57 -0.44 0.00	46.08 -0.61 0.00	47.64 -0.48 0.00	48.40 -0.69 0.00	53.99 -0.99 0.00	57.27 -1.23 -0.12	70.26 -1.29 0.00	68.04 -1.39 0.00	64.32 -1.18 0.00	57.13 -0.93 0.00	53.76 -0.27 0.00	51.83 -0.26 0.00	49.70 -0.15 0.00
OSWEGO___5 23606	41.68 -1.15 0.00	39.53 -1.10 0.00	38.33 -1.10 0.00	38.28 -1.10 0.00	39.13 -1.08 0.00	41.66 -1.20 0.00	47.60 -1.37 0.00	53.42 -1.77 0.00	49.81 -1.65 0.00	44.94 -1.49 0.00	47.99 -1.64 0.00	47.44 -1.57 0.00	45.19 -1.50 0.00	46.58 -1.54 0.00	47.56 -1.52 0.00	53.27 -1.70 0.00	56.86 -1.87 -0.34	69.40 -2.14 0.00	67.41 -2.02 0.00	63.53 -1.96 0.00	56.32 -1.74 0.00	52.36 -1.68 0.00	50.53 -1.56 0.00	48.36 -1.49 0.00
OSWEGO___6 23613	41.68 -1.15 0.00	39.53 -1.10 0.00	38.33 -1.10 0.00	38.28 -1.10 0.00	39.13 -1.08 0.00	41.66 -1.20 0.00	47.60 -1.37 0.00	53.42 -1.77 0.00	49.81 -1.65 0.00	44.94 -1.49 0.00	47.99 -1.64 0.00	47.44 -1.57 0.00	45.19 -1.50 0.00	46.58 -1.54 0.00	47.56 -1.52 0.00	53.27 -1.70 0.00	56.86 -1.87 -0.34	69.40 -2.14 0.00	67.41 -2.02 0.00	63.53 -1.96 0.00	56.32 -1.74 0.00	52.36 -1.68 0.00	50.53 -1.56 0.00	48.36 -1.49 0.00

OUTOKUMPU-AB___DRP 24206	39.53 -3.30 0.00	37.25 -3.37 0.00	36.12 -3.31 0.00	36.07 -3.31 0.00	37.16 -3.06 0.00	38.92 -3.94 0.00	43.59 -5.39 0.00	48.90 -6.29 0.00	45.74 -5.71 0.00	41.78 -4.64 0.00	44.16 -5.46 0.00	43.77 -5.24 0.00	41.83 -4.86 0.00	42.87 -5.24 0.00	44.08 -5.01 0.00	49.20 -5.77 0.00	51.79 -6.89 -0.29	63.97 -7.58 0.00	62.49 -6.94 0.00	59.27 -6.22 0.00	52.95 -5.11 0.00	49.11 -4.92 0.00	48.23 -3.85 0.00	46.31 -3.54 0.00
OXBOW___BTM 323836	39.19 -3.64 0.00	37.01 -3.62 0.00	35.92 -3.51 0.00	35.84 -3.54 0.00	36.83 -3.38 0.00	38.62 -4.24 0.00	43.20 -5.78 0.00	48.51 -6.68 0.00	45.49 -5.97 0.00	41.59 -4.83 0.00	43.87 -5.76 0.00	43.42 -5.59 0.00	41.50 -5.18 0.00	42.49 -5.63 0.00	43.68 -5.40 0.00	48.76 -6.21 0.00	51.27 -7.42 -0.30	63.32 -8.23 0.00	61.79 -7.64 0.00	58.62 -6.88 0.00	52.37 -5.69 0.00	48.63 -5.40 0.00	47.77 -4.32 0.00	45.86 -3.99 0.00
OXBOW___ 24026	39.19 -3.64 0.00	36.97 -3.66 0.00	35.84 -3.59 0.00	35.80 -3.58 0.00	36.83 -3.38 0.00	38.57 -4.29 0.00	43.15 -5.83 0.00	48.46 -6.73 0.00	45.33 -6.12 0.00	41.41 -5.01 0.00	43.82 -5.81 0.00	43.37 -5.64 0.00	41.50 -5.18 0.00	42.49 -5.63 0.00	43.68 -5.40 0.00	48.76 -6.21 0.00	51.27 -7.42 -0.30	63.32 -8.23 0.00	61.79 -7.64 0.00	58.62 -6.88 0.00	52.37 -5.69 0.00	48.63 -5.40 0.00	47.76 -4.32 0.00	45.86 -3.99 0.00
OXY_CHEM_DSASP 323612	38.76 -4.07 0.00	36.56 -4.06 0.00	35.45 -3.98 0.00	35.44 -3.94 0.00	36.43 -3.78 0.00	38.15 -4.71 0.00	42.66 -6.32 0.00	47.90 -7.28 0.00	44.76 -6.69 0.00	40.90 -5.52 0.00	43.32 -6.30 0.00	42.88 -6.13 0.00	41.04 -5.65 0.00	42.06 -6.06 0.00	43.19 -5.89 0.00	48.16 -6.82 0.00	50.63 -8.06 -0.30	62.46 -9.09 0.00	60.89 -8.54 0.00	57.77 -7.73 0.00	51.62 -6.44 0.00	48.03 -6.00 0.00	47.19 -4.90 0.00	45.27 -4.59 0.00
OZONE_PARK_ESR 323760	45.70 2.87 0.00	43.35 2.72 0.00	42.07 2.64 0.00	41.94 2.56 0.00	42.79 2.57 0.00	45.69 2.83 0.00	52.50 3.53 0.00	59.66 4.47 0.00	55.78 4.32 0.00	50.37 3.95 0.00	53.89 4.27 0.00	53.22 4.21 0.00	60.62 4.11 -9.82	52.21 4.09 0.00	60.47 4.27 -7.12	60.31 4.89 -0.44	74.44 5.37 -10.68	84.81 6.58 -6.67	80.02 6.46 -4.13	71.41 5.89 -0.02	63.11 5.05 0.00	58.68 4.65 0.00	56.26 4.17 0.00	53.64 3.79 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	38.76 -4.07 0.00	36.56 -4.06 0.00	35.45 -3.98 0.00	35.44 -3.94 0.00	36.43 -3.78 0.00	38.15 -4.71 0.00	42.66 -6.32 0.00	47.90 -7.28 0.00	44.76 -6.69 0.00	40.90 -5.52 0.00	43.32 -6.30 0.00	42.88 -6.13 0.00	41.04 -5.65 0.00	42.06 -6.06 0.00	43.19 -5.89 0.00	48.16 -6.82 0.00	50.63 -8.06 -0.30	62.46 -9.09 0.00	60.89 -8.54 0.00	57.77 -7.73 0.00	51.62 -6.44 0.00	48.03 -6.00 0.00	47.19 -4.90 0.00	45.27 -4.59 0.00
PACKARD___115KV_DUPONT_184 80571	38.80 -4.03 0.00	36.60 -4.02 0.00	35.53 -3.90 0.00	35.44 -3.94 0.00	36.43 -3.78 0.00	38.19 -4.67 0.00	42.71 -6.27 0.00	47.96 -7.23 0.00	44.92 -6.54 0.00	41.13 -5.29 0.00	43.37 -6.25 0.00	42.93 -6.08 0.00	41.03 -5.65 0.00	42.05 -6.06 0.00	43.19 -5.89 0.00	48.16 -6.82 0.00	50.63 -8.06 -0.30	62.46 -9.09 0.00	60.89 -8.54 0.00	57.83 -7.66 0.00	51.62 -6.45 0.00	48.03 -6.00 0.00	47.19 -4.90 0.00	45.32 -4.54 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	45.62 2.78 -0.01	43.36 2.72 -0.01	42.08 2.64 -0.01	41.95 2.56 -0.01	42.79 2.57 -0.01	45.61 2.74 -0.01	52.11 3.13 0.00	59.22 4.03 0.00	55.25 3.81 0.02	49.84 3.44 0.02	53.38 3.77 0.02	52.72 3.72 0.02	50.21 3.50 -0.02	51.76 3.66 0.02	52.73 3.63 -0.01	59.33 4.34 -0.01	67.36 4.50 -4.48	77.00 5.44 -0.01	74.73 5.28 -0.02	70.62 5.11 -0.02	62.53 4.47 0.00	58.19 4.16 0.00	55.84 3.75 0.00	53.35 3.49 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	46.18 3.34 -0.01	43.88 3.25 -0.01	42.63 3.19 -0.01	42.50 3.11 -0.01	43.36 3.14 -0.01	46.21 3.34 -0.01	52.80 3.82 0.00	59.93 4.75 0.00	55.97 4.53 0.02	50.45 4.04 0.02	54.02 4.42 0.02	53.36 4.36 0.02	50.77 4.06 -0.02	52.29 4.19 0.02	53.32 4.22 -0.01	59.99 5.00 -0.01	68.06 5.20 -4.48	77.86 6.30 -0.01	75.56 6.11 -0.02	71.41 5.89 -0.02	63.29 5.23 0.00	58.89 4.86 0.00	56.57 4.48 0.00	54.05 4.19 -0.01
PATROON___115KV_TB1 80586	44.50 1.67 0.00	42.21 1.58 0.00	40.97 1.54 0.00	40.88 1.50 0.00	41.70 1.49 0.00	44.53 1.67 0.00	50.79 1.81 0.00	57.29 2.10 0.00	53.56 2.11 0.00	48.42 2.00 0.00	51.91 2.28 0.00	51.26 2.25 0.00	48.83 2.15 0.00	50.33 2.21 0.00	51.39 2.31 0.00	57.45 2.47 0.00	66.33 2.51 -5.43	74.27 2.72 0.00	72.07 2.64 0.00	68.05 2.55 0.00	60.39 2.32 0.00	56.25 2.22 0.00	54.22 2.14 0.00	51.95 2.09 0.00
PATTRSNVILLE___SOLAR 323815	44.07 1.24 0.00	41.84 1.22 0.00	40.54 1.10 0.00	40.48 1.10 0.00	41.34 1.12 0.00	44.19 1.33 0.00	50.50 1.52 0.00	57.01 1.82 0.00	52.89 1.44 0.00	47.44 1.02 0.00	50.71 1.09 0.00	49.94 0.93 0.00	47.53 0.84 0.00	49.13 1.01 0.00	50.31 1.23 0.00	56.73 1.76 0.00	66.30 2.04 -5.87	74.12 2.57 0.00	72.07 2.64 0.00	67.92 2.42 0.00	60.15 2.09 0.00	55.92 1.89 0.00	53.91 1.82 0.00	51.60 1.74 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	39.96 -2.87 0.00	37.70 -2.93 0.00	36.55 -2.88 0.00	36.55 -2.84 0.00	37.64 -2.57 0.00	39.47 -3.39 0.00	44.47 -4.51 0.00	49.78 -5.41 0.00	46.51 -4.94 0.00	42.34 -4.09 0.00	44.76 -4.86 0.00	44.31 -4.70 0.00	42.39 -4.30 0.00	43.40 -4.72 0.00	44.67 -4.42 0.00	49.97 -5.00 0.00	52.67 -6.01 -0.30	65.25 -6.30 0.00	63.74 -5.69 0.00	60.32 -5.17 0.00	53.88 -4.18 0.00	49.93 -4.11 0.00	48.81 -3.28 0.00	46.96 -2.89 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	45.44 2.61 0.00	43.14 2.52 0.00	41.88 2.44 0.00	41.74 2.36 0.00	42.58 2.37 0.00	45.43 2.57 0.00	52.06 3.09 0.00	58.94 3.75 0.00	55.16 3.70 0.00	49.77 3.34 0.00	53.30 3.67 0.00	52.64 3.63 0.00	50.09 3.41 0.00	51.68 3.56 0.00	52.76 3.68 0.00	59.43 4.45 0.00	67.56 4.67 -4.50	77.34 5.80 0.00	74.91 5.48 0.00	70.67 5.17 0.00	62.53 4.47 0.00	58.25 4.21 0.00	55.84 3.75 0.00	53.34 3.49 0.00
PEEKSKILL___ 23653	45.02 2.18 0.00	42.70 2.07 0.00	41.44 2.01 0.00	41.31 1.93 0.00	42.18 1.97 0.00	45.04 2.18 0.00	51.67 2.69 0.00	58.61 3.42 0.00	54.75 3.30 0.00	49.40 2.97 0.00	52.90 3.27 0.00	52.24 3.23 0.00	49.81 3.13 0.00	51.29 3.18 0.00	52.37 3.29 0.00	58.82 3.85 0.00	66.94 4.15 -4.41	76.63 5.08 0.00	74.36 4.93 0.00	70.08 4.58 0.00	61.95 3.89 0.00	57.65 3.62 0.00	55.27 3.18 0.00	52.74 2.89 0.00
PGE MADISON___WINDPWR 24146	44.46 1.63 0.00	42.13 1.50 0.00	40.77 1.34 0.00	40.76 1.38 0.00	41.54 1.33 0.00	44.36 1.50 0.00	50.45 1.47 0.00	57.45 2.26 0.00	53.41 1.96 0.00	48.14 1.72 0.00	51.16 1.54 0.00	50.58 1.57 0.00	47.85 1.17 0.00	49.71 1.59 0.00	51.24 2.16 0.00	57.72 2.75 0.00	63.83 3.44 -2.00	76.20 4.65 0.00	73.66 4.24 0.00	69.62 4.13 0.00	61.89 3.83 0.00	57.06 3.03 0.00	55.01 2.92 0.00	52.64 2.79 0.00

PIERCEFIELD___HYD 23852	42.62 -0.21 0.00	40.63 0.00 0.00	39.51 0.08 0.00	39.50 0.12 0.00	40.29 0.08 0.00	42.77 -0.09 0.00	48.88 -0.10 0.00	55.30 0.11 0.00	51.35 -0.10 0.00	46.10 -0.32 0.00	49.37 -0.25 0.00	48.67 -0.34 0.00	46.22 -0.47 0.00	47.69 -0.43 0.00	48.30 -0.79 0.00	53.77 -1.21 0.00	56.99 -1.40 0.00	69.90 -1.65 0.00	67.76 -1.67 0.00	64.06 -1.44 0.00	56.90 -1.16 0.00	53.33 -0.70 0.00	51.52 -0.57 0.00	49.50 -0.35 0.00
PINELAWN_CC_1 323563	46.14 3.30 -0.01	43.76 3.13 -0.01	42.48 3.04 -0.01	42.38 2.99 -0.01	43.28 3.05 -0.01	46.13 3.26 -0.01	56.35 3.92 -3.45	67.00 4.80 -7.01	56.07 4.58 -0.04	50.47 4.04 -0.01	54.02 4.27 -0.13	53.18 4.16 -0.01	51.50 4.11 -0.71	63.91 4.09 -11.70	69.44 4.27 -16.09	74.50 5.23 -14.30	96.56 5.78 -32.39	99.71 6.80 -21.36	99.10 6.60 -23.07	97.08 6.35 -25.23	92.62 5.63 -28.92	80.24 5.19 -21.02	69.93 4.48 -13.36	64.84 4.09 -10.90
PJM_GEN_HTTP_PROXY 323702	45.32 2.48 0.00	42.94 2.31 0.00	41.68 2.25 0.00	41.55 2.16 0.00	42.42 2.21 0.00	45.30 2.44 0.00	52.01 3.04 0.00	59.11 3.92 0.00	55.26 3.81 0.00	49.86 3.44 0.00	53.39 3.77 0.00	52.73 3.72 0.00	50.84 3.64 -0.51	51.73 3.61 0.00	53.23 3.78 -0.37	59.34 4.34 -0.02	67.89 4.73 -4.78	77.69 5.79 -0.34	75.26 5.62 -0.21	70.67 5.17 0.00	62.42 4.36 0.00	58.09 4.05 0.00	55.68 3.59 0.00	53.09 3.24 0.00
PJM_GEN_KEystone 24065	42.45 -0.39 0.00	40.18 -0.45 0.00	39.00 -0.43 0.00	38.91 -0.47 0.00	39.81 -0.40 0.00	42.26 -0.60 0.00	48.24 -0.73 0.00	54.47 -0.72 0.00	50.78 -0.67 0.00	45.96 -0.46 0.00	47.10 -0.65 1.88	48.40 -0.59 0.02	46.91 -0.47 -0.69	47.49 -0.63 0.00	49.09 -0.49 -0.50	54.51 -0.50 -0.03	60.62 -0.70 -2.93	71.59 -0.43 -0.47	69.44 -0.28 -0.29	65.24 -0.26 0.00	57.89 -0.17 0.00	53.76 -0.27 0.00	51.52 -0.21 0.36	46.86 -0.20 2.79
PJM_GEN_NEPTUNE_PROXY 323594	45.54 2.70 -0.01	43.24 2.60 -0.01	41.97 2.53 -0.01	41.95 2.56 -0.01	42.76 2.53 -0.01	45.57 2.70 -0.01	55.04 3.18 -2.88	65.02 3.98 -5.85	55.35 3.86 -0.03	49.96 3.53 -0.01	53.40 3.67 -0.11	52.64 3.63 -0.01	50.82 3.55 -0.59	61.44 3.56 -9.76	66.19 3.68 -13.42	71.31 4.40 -11.93	90.99 4.84 -27.76	95.09 5.73 -17.82	94.29 5.62 -19.24	91.79 5.24 -21.05	86.84 4.65 -24.13	75.90 4.32 -17.54	66.94 3.70 -11.15	62.29 3.34 -9.09
PJM_GEN_VFT_PROXY 323633	45.19 2.35 0.00	42.86 2.23 0.00	41.60 2.17 0.00	41.43 2.05 0.00	42.34 2.13 0.00	45.17 2.31 0.00	51.91 2.94 0.00	59.06 3.86 -0.01	55.22 3.75 -0.01	49.82 3.39 -0.01	53.30 3.67 -0.01	52.70 3.68 -0.01	60.15 3.64 -9.82	51.69 3.56 -0.01	59.98 3.78 -7.12	59.71 4.29 -0.44	73.85 4.79 -10.68	84.09 5.87 -6.67	79.32 5.76 -4.13	70.62 5.11 -0.02	62.43 4.36 -0.01	57.98 3.94 -0.01	55.53 3.44 -0.01	52.94 3.09 0.00
PLATSBURG_115KV_PMLD1 355749	42.70 -0.13 0.00	40.59 -0.04 0.00	39.55 0.12 0.00	39.54 0.16 0.00	40.37 0.16 0.00	43.03 0.17 0.00	49.27 0.29 0.00	55.63 0.44 0.00	51.61 0.15 0.00	46.33 -0.09 0.00	49.42 -0.20 0.00	48.67 -0.34 0.00	46.26 -0.42 0.00	47.59 -0.53 0.00	48.40 -0.69 0.00	54.04 -0.93 0.00	57.45 -0.93 0.00	70.33 -1.22 0.00	68.18 -1.25 0.00	64.45 -1.05 0.00	57.19 -0.87 0.00	53.38 -0.65 0.00	51.46 -0.63 0.00	49.25 -0.60 0.00
PLEASANTVLY___LBMP 24000	44.89 2.06 0.00	42.58 1.95 0.00	41.37 1.93 0.00	41.23 1.85 0.00	42.06 1.85 0.00	44.92 2.06 0.00	51.42 2.45 0.00	58.28 3.09 0.00	54.44 2.98 0.00	49.16 2.74 0.00	52.65 3.03 0.00	52.00 2.99 0.00	49.58 2.89 0.00	51.05 2.94 0.00	52.08 2.99 0.00	58.44 3.46 0.00	66.77 3.74 -4.64	76.06 4.51 0.00	73.80 4.37 0.00	69.56 4.06 0.00	61.55 3.48 0.00	57.27 3.24 0.00	55.01 2.92 0.00	52.54 2.69 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	45.19 2.36 0.00	42.86 2.23 0.00	41.60 2.17 0.00	41.51 2.13 0.00	42.30 2.09 0.00	45.17 2.31 0.00	51.82 2.84 0.00	58.78 3.59 0.00	54.95 3.50 0.00	49.58 3.16 0.00	53.10 3.47 0.00	52.49 3.48 0.00	50.00 3.31 0.00	51.49 3.37 0.00	52.57 3.48 0.00	58.99 4.01 0.00	67.25 4.38 -4.49	76.84 5.29 0.00	74.64 5.21 0.00	70.28 4.78 0.00	62.19 4.12 0.00	57.81 3.78 0.00	55.47 3.39 0.00	52.94 3.09 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	45.19 2.36 0.00	42.86 2.23 0.00	41.60 2.17 0.00	41.51 2.13 0.00	42.30 2.09 0.00	45.17 2.31 0.00	51.82 2.84 0.00	58.78 3.59 0.00	54.95 3.50 0.00	49.58 3.16 0.00	53.10 3.47 0.00	52.49 3.48 0.00	50.00 3.31 0.00	51.49 3.37 0.00	52.57 3.48 0.00	58.99 4.01 0.00	67.25 4.38 -4.49	76.84 5.29 0.00	74.64 5.21 0.00	70.28 4.78 0.00	62.19 4.12 0.00	57.81 3.78 0.00	55.47 3.39 0.00	52.94 3.09 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	45.14 2.31 0.00	42.82 2.19 0.00	41.56 2.13 0.00	41.47 2.09 0.00	42.30 2.09 0.00	45.13 2.27 0.00	51.72 2.74 0.00	58.44 3.26 0.00	54.64 3.19 0.00	49.30 2.88 0.00	52.75 3.13 0.00	52.10 3.09 0.00	49.67 2.99 0.00	51.15 3.03 0.00	52.27 3.19 0.00	58.71 3.74 0.00	67.03 4.09 -4.56	76.49 4.94 0.00	74.15 4.72 0.00	69.95 4.45 0.00	61.89 3.83 0.00	57.71 3.67 0.00	55.37 3.28 0.00	52.89 3.04 0.00
POLETTI____ 23519	45.15 2.31 -0.01	43.11 2.48 -0.01	41.85 2.41 -0.01	41.71 2.32 -0.01	42.55 2.33 -0.01	45.18 2.31 -0.01	51.47 2.50 0.00	58.67 3.48 0.00	54.88 3.45 0.02	49.52 3.11 0.02	53.03 3.42 0.02	52.42 3.43 0.02	49.88 3.17 -0.02	51.42 3.32 0.02	52.43 3.34 -0.01	58.94 3.96 -0.01	66.96 4.09 -4.48	76.35 4.79 -0.01	74.24 4.79 -0.02	70.10 4.58 -0.02	62.13 4.06 0.00	57.65 3.62 0.00	55.16 3.07 0.00	53.20 3.34 -0.01
POMONA___ESR 323819	45.02 2.18 0.00	42.66 2.03 0.00	41.40 1.97 0.00	41.31 1.93 0.00	42.14 1.93 0.00	45.00 2.14 0.00	51.62 2.64 0.00	58.50 3.31 0.00	54.65 3.19 0.00	49.30 2.88 0.00	52.80 3.18 0.00	52.15 3.14 0.00	49.77 3.08 0.00	51.20 3.08 0.00	52.32 3.24 0.00	58.72 3.74 0.00	66.79 4.09 -4.32	76.56 5.01 0.00	74.29 4.86 0.00	70.01 4.52 0.00	61.89 3.83 0.00	57.60 3.57 0.00	55.21 3.13 0.00	52.74 2.89 0.00
PORT_JEFF_3 23555	46.14 3.30 -0.01	43.84 3.21 -0.01	42.56 3.11 -0.01	42.46 3.07 -0.01	43.36 3.14 -0.01	46.17 3.30 -0.01	56.00 3.92 -3.10	66.35 4.86 -6.31	56.07 4.58 -0.03	50.47 4.04 -0.01	54.01 4.27 -0.12	53.18 4.16 -0.01	51.43 4.11 -0.63	62.78 4.14 -10.52	67.92 4.37 -14.47	73.23 5.39 -12.86	93.91 5.96 -29.57	97.88 7.08 -19.24	97.15 6.94 -20.78	94.77 6.55 -22.73	89.87 5.81 -26.00	78.34 5.40 -18.90	68.69 4.58 -12.01	63.79 4.14 -9.80
PORT_JEFF_4 23616	46.14 3.30 -0.01	43.84 3.21 -0.01	42.56 3.11 -0.01	42.46 3.07 -0.01	43.36 3.14 -0.01	46.17 3.30 -0.01	56.00 3.92 -3.10	66.35 4.86 -6.31	56.07 4.58 -0.03	50.47 4.04 -0.01	54.01 4.27 -0.12	53.18 4.16 -0.01	51.43 4.11 -0.63	62.78 4.14 -10.52	67.92 4.37 -14.47	73.23 5.39 -12.86	93.91 5.96 -29.57	97.88 7.08 -19.24	97.15 6.94 -20.78	94.77 6.55 -22.73	89.87 5.81 -26.00	78.34 5.40 -18.90	68.69 4.58 -12.01	63.79 4.14 -9.80

PORT_JEFF_IC 23713	46.18 3.34 -0.01	43.88 3.25 -0.01	42.64 3.19 -0.01	42.50 3.11 -0.01	43.40 3.18 -0.01	46.21 3.34 -0.01	56.16 4.06 -3.12	66.54 5.02 -6.33	56.17 4.68 -0.03	50.56 4.13 -0.01	54.16 4.42 -0.12	53.23 4.21 -0.01	51.48 4.15 -0.64	62.92 4.23 -10.57	68.08 4.47 -14.53	73.56 5.66 -12.92	94.20 6.13 -29.68	98.25 7.37 -19.33	97.46 7.15 -20.87	95.07 6.75 -22.83	90.17 5.98 -26.12	78.58 5.57 -18.99	68.79 4.64 -12.07	63.98 4.29 -9.85
PPL PILGRIM_ST_GT1 24216	46.61 3.77 -0.01	44.21 3.58 -0.01	42.95 3.51 -0.01	42.81 3.42 -0.01	43.72 3.50 -0.01	46.64 3.77 -0.01	56.66 4.50 -3.18	67.12 5.46 -6.47	56.63 5.14 -0.04	50.98 4.55 -0.01	54.55 4.81 -0.12	53.68 4.66 -0.01	51.96 4.62 -0.65	63.53 4.62 -10.79	68.78 4.86 -14.84	74.05 5.89 -13.19	95.19 6.60 -30.21	98.47 7.22 -19.69	97.64 6.94 -21.27	95.84 7.08 -23.27	91.12 6.39 -26.67	79.30 5.89 -19.38	69.52 5.11 -12.32	64.54 4.64 -10.05
PPL PILGRIM_ST_GT2 24217	46.61 3.77 -0.01	44.21 3.58 -0.01	42.95 3.51 -0.01	42.81 3.42 -0.01	43.72 3.50 -0.01	46.64 3.77 -0.01	56.66 4.50 -3.18	67.12 5.46 -6.47	56.63 5.14 -0.04	50.98 4.55 -0.01	54.55 4.81 -0.12	53.68 4.66 -0.01	51.96 4.62 -0.65	63.53 4.62 -10.79	68.78 4.86 -14.84	74.05 5.89 -13.19	95.19 6.60 -30.21	98.47 7.22 -19.69	97.64 6.94 -21.27	95.84 7.08 -23.27	91.12 6.39 -26.67	79.30 5.89 -19.38	69.52 5.11 -12.32	64.54 4.64 -10.05
PPL_SHRM_GT3 24213	46.39 3.55 -0.01	44.09 3.45 -0.01	42.87 3.43 -0.01	42.70 3.31 -0.01	43.64 3.42 -0.01	46.42 3.56 -0.01	56.25 4.16 -3.11	66.69 5.19 -6.32	56.27 4.79 -0.03	50.61 4.18 -0.01	54.15 4.41 -0.12	53.28 4.26 -0.01	51.57 4.25 -0.64	63.00 4.33 -10.55	68.15 4.57 -14.50	73.58 5.72 -12.89	94.44 6.42 -29.63	98.64 7.80 -19.29	97.89 7.64 -20.83	95.41 7.14 -22.78	90.28 6.15 -26.06	78.87 5.89 -18.95	69.08 4.95 -12.04	64.26 4.58 -9.82
PPL_SHRM_GT4 24214	46.39 3.55 -0.01	44.09 3.45 -0.01	42.87 3.43 -0.01	42.70 3.31 -0.01	43.64 3.42 -0.01	46.42 3.56 -0.01	56.25 4.16 -3.11	66.69 5.19 -6.32	56.27 4.79 -0.03	50.61 4.18 -0.01	54.15 4.41 -0.12	53.28 4.26 -0.01	51.57 4.25 -0.64	63.00 4.33 -10.55	68.15 4.57 -14.50	73.58 5.72 -12.89	94.44 6.42 -29.63	98.64 7.80 -19.29	97.89 7.64 -20.83	95.41 7.14 -22.78	90.28 6.15 -26.06	78.87 5.89 -18.95	69.08 4.95 -12.04	64.26 4.58 -9.82
PROJECT___ORANGE 1 24174	42.10 -0.73 0.00	39.89 -0.73 0.00	38.68 -0.75 0.00	38.67 -0.71 0.00	39.53 -0.68 0.00	42.09 -0.77 0.00	48.09 -0.88 0.00	54.08 -1.10 0.00	50.48 -0.98 0.00	45.54 -0.88 0.00	48.68 -0.94 0.00	48.13 -0.88 0.00	45.89 -0.79 0.00	47.30 -0.82 0.00	48.30 -0.79 0.00	54.15 -0.82 0.00	57.82 -0.99 -0.43	70.55 -1.00 0.00	68.46 -0.97 0.00	64.51 -0.98 0.00	57.13 -0.93 0.00	53.06 -0.97 0.00	51.20 -0.89 0.00	49.00 -0.85 0.00
PROJECT___ORANGE 2 24166	42.10 -0.73 0.00	39.89 -0.73 0.00	38.68 -0.75 0.00	38.67 -0.71 0.00	39.53 -0.68 0.00	42.09 -0.77 0.00	48.09 -0.88 0.00	54.08 -1.10 0.00	50.48 -0.98 0.00	45.54 -0.88 0.00	48.68 -0.94 0.00	48.13 -0.88 0.00	45.89 -0.79 0.00	47.30 -0.82 0.00	48.30 -0.79 0.00	54.15 -0.82 0.00	57.82 -0.99 -0.43	70.55 -1.00 0.00	68.46 -0.97 0.00	64.51 -0.98 0.00	57.13 -0.93 0.00	53.06 -0.97 0.00	51.20 -0.89 0.00	49.00 -0.85 0.00
PUCKETT___SOLAR 323809	42.92 0.09 0.00	40.67 0.04 0.00	39.39 -0.04 0.00	39.38 0.00 0.00	40.25 0.04 0.00	42.86 0.00 0.00	48.93 -0.05 0.00	55.30 0.11 0.00	51.51 0.05 0.00	46.42 0.00 0.00	49.43 -0.20 0.00	48.86 -0.15 0.00	46.55 -0.14 0.00	48.02 -0.10 0.00	49.23 0.15 0.00	55.36 0.39 0.00	60.25 0.46 -1.40	72.48 0.93 0.00	70.40 0.97 0.00	66.41 0.92 0.00	58.88 0.81 0.00	54.46 0.43 0.00	52.56 0.47 0.00	50.35 0.50 0.00
PYRITES___HYD 24023	43.39 0.56 0.00	41.32 0.69 0.00	40.18 0.75 0.00	40.17 0.79 0.00	40.98 0.76 0.00	43.55 0.69 0.00	49.76 0.78 0.00	56.35 1.16 0.00	52.17 0.72 0.00	46.75 0.32 0.00	49.97 0.35 0.00	49.26 0.25 0.00	46.73 0.05 0.00	48.22 0.10 0.00	48.94 -0.15 0.00	54.65 -0.33 0.00	58.21 -0.18 0.00	71.69 0.14 0.00	69.50 0.07 0.00	65.76 0.26 0.00	58.47 0.41 0.00	54.73 0.70 0.00	52.77 0.68 0.00	50.65 0.80 0.00
QUAKERRD_115KV_BK1 80622	40.39 -2.44 0.00	38.19 -2.44 0.00	36.99 -2.44 0.00	36.94 -2.44 0.00	37.92 -2.29 0.00	40.16 -2.70 0.00	45.60 -3.38 0.00	51.44 -3.75 0.00	48.01 -3.45 0.00	43.55 -2.88 0.00	46.40 -3.23 0.00	45.87 -3.14 0.00	43.70 -2.99 0.00	45.04 -3.08 0.00	46.09 -2.99 0.00	51.51 -3.46 0.00	54.76 -3.97 -0.34	67.18 -4.36 0.00	65.26 -4.17 0.00	61.63 -3.86 0.00	54.75 -3.31 0.00	50.79 -3.24 0.00	49.38 -2.71 0.00	47.16 -2.69 0.00
QUENSBRY_115KV_TB8 356137	45.96 3.13 0.00	43.67 3.05 0.00	42.31 2.88 0.00	42.29 2.91 0.00	43.11 2.90 0.00	46.12 3.26 0.00	52.60 3.62 0.00	59.49 4.30 0.00	55.52 4.06 0.00	50.14 3.71 0.00	53.59 3.97 0.00	52.83 3.82 0.00	50.14 3.45 0.00	51.68 3.56 0.00	52.86 3.78 0.00	59.43 4.45 0.00	68.69 4.67 -5.63	77.20 5.65 0.00	75.19 5.76 0.00	70.74 5.24 0.00	62.82 4.76 0.00	58.35 4.32 0.00	56.26 4.17 0.00	53.84 3.99 0.00
RAMAPO___LBMP 323565	44.85 2.01 0.00	42.49 1.87 0.00	41.29 1.85 0.00	41.15 1.77 0.00	41.98 1.77 0.00	44.83 1.97 0.00	51.42 2.45 0.00	58.33 3.15 0.00	54.49 3.04 0.00	49.12 2.69 0.00	52.60 2.98 0.00	51.95 2.94 0.00	49.53 2.85 0.00	51.01 2.89 0.00	52.08 2.99 0.00	58.49 3.52 0.00	66.47 3.80 -4.29	76.20 4.65 0.00	73.94 4.51 0.00	69.69 4.19 0.00	61.60 3.54 0.00	57.33 3.30 0.00	54.95 2.86 0.00	52.49 2.64 0.00
RANKINE___ 23646	39.75 -3.08 0.00	37.50 -3.13 0.00	36.40 -3.04 0.00	36.31 -3.07 0.00	37.40 -2.81 0.00	39.22 -3.64 0.00	44.03 -4.95 0.00	49.39 -5.79 0.00	46.15 -5.30 0.00	42.06 -4.36 0.00	44.51 -5.11 0.00	44.06 -4.95 0.00	42.16 -4.53 0.00	43.16 -4.96 0.00	44.37 -4.71 0.00	49.59 -5.39 0.00	52.25 -6.42 -0.29	64.68 -6.87 0.00	63.18 -6.25 0.00	59.86 -5.63 0.00	53.48 -4.59 0.00	49.60 -4.43 0.00	48.60 -3.49 0.00	46.66 -3.19 0.00
RAVENSWOOD_GT2_1 24244	45.40 2.57 0.00	43.10 2.48 0.00	41.84 2.41 0.00	41.66 2.28 0.00	42.54 2.33 0.00	45.39 2.53 0.00	52.16 3.18 0.00	59.22 4.03 0.00	55.36 3.91 0.00	49.95 3.53 0.00	53.44 3.82 0.00	52.83 3.82 0.00	60.34 3.69 -9.97	51.82 3.71 0.00	60.13 3.83 -7.22	59.88 4.45 -0.45	73.95 4.79 -10.77	84.19 5.87 -6.77	79.32 5.69 -4.19	70.75 5.24 -0.02	62.59 4.53 0.00	58.19 4.16 0.00	55.84 3.75 0.00	53.24 3.39 0.00
RAVENSWOOD_GT2_2 24245	45.40 2.57 0.00	43.10 2.48 0.00	41.84 2.41 0.00	41.66 2.28 0.00	42.54 2.33 0.00	45.39 2.53 0.00	52.16 3.18 0.00	59.22 4.03 0.00	55.36 3.91 0.00	49.95 3.53 0.00	53.44 3.82 0.00	52.83 3.82 0.00	60.34 3.69 -9.97	51.82 3.71 0.00	60.13 3.83 -7.22	59.88 4.45 -0.45	73.95 4.79 -10.77	84.19 5.87 -6.77	79.32 5.69 -4.19	70.75 5.24 -0.02	62.59 4.53 0.00	58.19 4.16 0.00	55.84 3.75 0.00	53.24 3.39 0.00

RAVENSWOOD_GT2_3 24246	45.44 2.61 0.00	43.10 2.48 0.00	41.84 2.41 0.00	41.70 2.32 0.00	42.54 2.33 0.00	45.43 2.57 0.00	52.16 3.18 0.00	59.27 4.08 0.00	55.36 3.91 0.00	50.00 3.57 0.00	53.49 3.87 0.00	52.83 3.82 0.00	60.34 3.69 -9.97	51.87 3.75 0.00	60.18 3.88 -7.22	59.88 4.45 -0.45	74.00 4.85 -10.77	84.19 5.87 -6.77	79.39 5.76 -4.19	70.82 5.31 -0.02	62.59 4.53 0.00	58.19 4.16 0.00	55.84 3.75 0.00	53.24 3.39 0.00
RAVENSWOOD_GT2_4 24247	45.44 2.61 0.00	43.10 2.48 0.00	41.84 2.41 0.00	41.70 2.32 0.00	42.54 2.33 0.00	45.43 2.57 0.00	52.16 3.18 0.00	59.27 4.08 0.00	55.36 3.91 0.00	50.00 3.57 0.00	53.49 3.87 0.00	52.83 3.82 0.00	60.34 3.69 -9.97	51.87 3.75 0.00	60.18 3.88 -7.22	59.88 4.45 -0.45	74.00 4.85 -10.77	84.19 5.87 -6.77	79.39 5.76 -4.19	70.82 5.31 -0.02	62.59 4.53 0.00	58.19 4.16 0.00	55.84 3.75 0.00	53.24 3.39 0.00
RAVENSWOOD_GT3_1 24248	45.40 2.57 0.00	43.10 2.48 0.00	41.84 2.41 0.00	41.70 2.32 0.00	42.54 2.33 0.00	45.39 2.53 0.00	52.16 3.18 0.00	59.22 4.03 0.00	55.36 3.91 0.00	49.95 3.53 0.00	53.49 3.87 0.00	52.83 3.82 0.00	60.34 3.69 -9.97	51.82 3.71 0.00	60.13 3.83 -7.22	59.88 4.45 -0.45	73.95 4.79 -10.77	84.19 5.87 -6.77	79.32 5.69 -4.19	70.75 5.24 -0.02	62.59 4.53 0.00	58.19 4.16 0.00	55.84 3.75 0.00	53.24 3.39 0.00
RAVENSWOOD_GT3_2 24249	45.40 2.57 0.00	43.10 2.48 0.00	41.84 2.41 0.00	41.70 2.32 0.00	42.54 2.33 0.00	45.39 2.53 0.00	52.16 3.18 0.00	59.22 4.03 0.00	55.36 3.91 0.00	49.95 3.53 0.00	53.49 3.87 0.00	52.83 3.82 0.00	60.34 3.69 -9.97	51.82 3.71 0.00	60.13 3.83 -7.22	59.88 4.45 -0.45	73.95 4.79 -10.77	84.19 5.87 -6.77	79.32 5.69 -4.19	70.75 5.24 -0.02	62.59 4.53 0.00	58.19 4.16 0.00	55.84 3.75 0.00	53.24 3.39 0.00
RAVENSWOOD_GT3_3 24250	45.49 2.66 0.00	43.14 2.52 0.00	41.88 2.44 0.00	41.74 2.36 0.00	42.58 2.37 0.00	45.43 2.57 0.00	52.21 3.23 0.00	59.33 4.14 0.00	55.42 3.96 0.00	50.04 3.62 0.00	53.54 3.92 0.00	52.88 3.87 0.00	60.39 3.73 -9.97	51.92 3.80 0.00	60.23 3.93 -7.22	59.93 4.51 -0.45	74.06 4.90 -10.77	84.26 5.94 -6.77	79.46 5.83 -4.19	70.88 5.37 -0.02	62.65 4.59 0.00	58.25 4.21 0.00	55.89 3.80 0.00	53.29 3.44 0.00
RAVENSWOOD_GT3_4 24251	45.49 2.66 0.00	43.14 2.52 0.00	41.88 2.44 0.00	41.74 2.36 0.00	42.58 2.37 0.00	45.43 2.57 0.00	52.21 3.23 0.00	59.33 4.14 0.00	55.42 3.96 0.00	50.04 3.62 0.00	53.54 3.92 0.00	52.88 3.87 0.00	60.39 3.73 -9.97	51.92 3.80 0.00	60.23 3.93 -7.22	59.93 4.51 -0.45	74.06 4.90 -10.77	84.26 5.94 -6.77	79.46 5.83 -4.19	70.88 5.37 -0.02	62.65 4.59 0.00	58.25 4.21 0.00	55.89 3.80 0.00	53.29 3.44 0.00
RAVENSWOOD_GT_1 23729	45.67 2.83 -0.01	43.32 2.68 -0.01	42.08 2.64 -0.01	41.91 2.52 -0.01	42.79 2.57 -0.01	45.66 2.79 -0.01	52.36 3.38 0.00	59.49 4.30 0.00	55.52 4.06 0.00	50.09 3.67 0.00	53.64 4.02 0.00	52.98 3.97 0.00	60.40 3.73 -9.98	52.02 3.90 0.00	60.24 3.93 -7.23	60.04 4.62 -0.45	73.95 4.79 -10.77	84.12 5.80 -6.78	79.25 5.62 -4.20	70.95 5.44 -0.02	62.82 4.76 0.00	58.46 4.43 0.00	56.10 4.01 0.00	53.55 3.69 -0.01
RAVENSWOOD_GT_10 24258	45.40 2.57 0.00	43.06 2.44 0.00	41.84 2.41 0.00	41.66 2.28 0.00	42.50 2.29 0.00	45.39 2.53 0.00	52.11 3.13 0.00	59.22 4.03 0.00	55.36 3.91 0.00	49.95 3.53 0.00	53.44 3.82 0.00	52.83 3.82 0.00	60.34 3.69 -9.97	51.82 3.71 0.00	60.13 3.83 -7.22	59.88 4.45 -0.45	73.95 4.79 -10.77	84.19 5.87 -6.77	79.32 5.69 -4.19	70.75 5.24 -0.02	62.59 4.53 0.00	58.19 4.16 0.00	55.79 3.70 0.00	53.24 3.39 0.00
RAVENSWOOD_GT_11 24259	45.40 2.57 0.00	43.06 2.44 0.00	41.84 2.41 0.00	41.66 2.28 0.00	42.50 2.29 0.00	45.39 2.53 0.00	52.11 3.13 0.00	59.22 4.03 0.00	55.36 3.91 0.00	49.95 3.53 0.00	53.44 3.82 0.00	52.83 3.82 0.00	60.34 3.69 -9.97	51.82 3.71 0.00	60.13 3.83 -7.22	59.88 4.45 -0.45	73.95 4.79 -10.77	84.19 5.87 -6.77	79.32 5.69 -4.19	70.75 5.24 -0.02	62.59 4.53 0.00	58.19 4.16 0.00	55.79 3.70 0.00	53.24 3.39 0.00
RAVENSWOOD_GT_4 24252	45.50 2.66 -0.01	43.15 2.52 -0.01	41.93 2.48 -0.01	41.75 2.36 -0.01	42.59 2.37 -0.01	45.48 2.61 -0.01	52.21 3.23 0.00	59.27 4.08 0.00	55.42 3.96 0.00	50.00 3.57 0.00	53.49 3.87 0.00	52.88 3.87 0.00	60.33 3.69 -9.96	51.87 3.75 0.00	60.13 3.83 -7.22	59.88 4.45 -0.45	73.95 4.79 -10.77	84.11 5.80 -6.77	79.24 5.62 -4.19	70.82 5.31 -0.02	62.65 4.59 0.00	58.25 4.21 0.00	55.89 3.80 0.00	53.35 3.49 -0.01
RAVENSWOOD_GT_5 24254	45.50 2.66 -0.01	43.15 2.52 -0.01	41.93 2.48 -0.01	41.75 2.36 -0.01	42.59 2.37 -0.01	45.48 2.61 -0.01	52.21 3.23 0.00	59.27 4.08 0.00	55.42 3.96 0.00	50.00 3.57 0.00	53.49 3.87 0.00	52.88 3.87 0.00	60.33 3.69 -9.96	51.87 3.75 0.00	60.13 3.83 -7.22	59.88 4.45 -0.45	73.95 4.79 -10.77	84.11 5.80 -6.77	79.24 5.62 -4.19	70.82 5.31 -0.02	62.65 4.59 0.00	58.25 4.21 0.00	55.89 3.80 0.00	53.35 3.49 -0.01
RAVENSWOOD_GT_6 24253	45.50 2.66 -0.01	43.15 2.52 -0.01	41.93 2.48 -0.01	41.75 2.36 -0.01	42.59 2.37 -0.01	45.48 2.61 -0.01	52.21 3.23 0.00	59.27 4.08 0.00	55.42 3.96 0.00	50.00 3.57 0.00	53.49 3.87 0.00	52.88 3.87 0.00	60.33 3.69 -9.96	51.87 3.75 0.00	60.13 3.83 -7.22	59.88 4.45 -0.45	73.95 4.79 -10.77	84.11 5.80 -6.77	79.24 5.62 -4.19	70.82 5.31 -0.02	62.65 4.59 0.00	58.25 4.21 0.00	55.89 3.80 0.00	53.35 3.49 -0.01
RAVENSWOOD_GT_7 24255	45.50 2.66 -0.01	43.15 2.52 -0.01	41.93 2.48 -0.01	41.75 2.36 -0.01	42.59 2.37 -0.01	45.48 2.61 -0.01	52.21 3.23 0.00	59.27 4.08 0.00	55.42 3.96 0.00	50.00 3.57 0.00	53.49 3.87 0.00	52.88 3.87 0.00	60.33 3.69 -9.96	51.87 3.75 0.00	60.13 3.83 -7.22	59.88 4.45 -0.45	73.95 4.79 -10.77	84.11 5.80 -6.77	79.24 5.62 -4.19	70.82 5.31 -0.02	62.65 4.59 0.00	58.25 4.21 0.00	55.89 3.80 0.00	53.35 3.49 -0.01
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	45.40 2.57 0.00	43.06 2.44 0.00	41.84 2.41 0.00	41.66 2.28 0.00	42.50 2.29 0.00	45.39 2.53 0.00	52.11 3.13 0.00	59.22 4.03 0.00	55.36 3.91 0.00	49.95 3.53 0.00	53.44 3.82 0.00	52.83 3.82 0.00	60.34 3.69 -9.97	51.82 3.71 0.00	60.13 3.83 -7.22	59.88 4.45 -0.45	73.95 4.79 -10.77	84.19 5.87 -6.77	79.32 5.69 -4.19	70.75 5.24 -0.02	62.59 4.53 0.00	58.19 4.16 0.00	55.79 3.70 0.00	53.24 3.39 0.00
RAVENSWOOD_GT_9 24257	45.40 2.57 0.00	43.06 2.44 0.00	41.84 2.41 0.00	41.66 2.28 0.00	42.50 2.29 0.00	45.39 2.53 0.00	52.11 3.13 0.00	59.22 4.03 0.00	55.36 3.91 0.00	49.95 3.53 0.00	53.44 3.82 0.00	52.83 3.82 0.00	60.34 3.69 -9.97	51.82 3.71 0.00	60.13 3.83 -7.22	59.88 4.45 -0.45	73.95 4.79 -10.77	84.19 5.87 -6.77	79.32 5.69 -4.19	70.75 5.24 -0.02	62.59 4.53 0.00	58.19 4.16 0.00	55.79 3.70 0.00	53.24 3.39 0.00

RAVENSWOOD___1 23533	45.67 2.83 -0.01	43.31 2.68 -0.01	42.04 2.60 -0.01	41.87 2.48 -0.01	42.75 2.53 -0.01	45.65 2.78 -0.01	52.31 3.33 0.00	59.45 4.25 -0.01	55.48 4.02 -0.01	50.06 3.62 -0.01	53.60 3.97 -0.01	52.94 3.92 -0.01	60.39 3.74 -9.97	51.98 3.85 -0.01	60.18 3.88 -7.22	59.99 4.56 -0.45	73.95 4.79 -10.77	84.12 5.79 -6.77	79.24 5.62 -4.19	70.88 5.37 -0.02	62.77 4.70 -0.01	58.41 4.37 -0.01	56.11 4.01 -0.01	53.55 3.69 -0.01
RAVENSWOOD___2 23534	45.67 2.83 -0.01	43.31 2.68 -0.01	42.04 2.60 -0.01	41.87 2.48 -0.01	42.75 2.53 -0.01	45.61 2.75 -0.01	52.31 3.33 0.00	59.45 4.25 -0.01	55.48 4.02 -0.01	50.01 3.57 -0.01	53.60 3.97 -0.01	52.94 3.92 -0.01	60.34 3.69 -9.97	51.98 3.85 -0.01	60.18 3.88 -7.22	59.99 4.56 -0.45	73.89 4.73 -10.77	84.05 5.73 -6.77	79.18 5.56 -4.19	70.88 5.37 -0.02	62.77 4.70 -0.01	58.41 4.37 -0.01	56.05 3.96 -0.01	53.50 3.64 -0.01
RAVENSWOOD___3 23535	45.45 2.61 0.00	43.06 2.44 0.00	41.80 2.37 0.00	41.66 2.28 0.00	42.54 2.33 0.00	45.39 2.53 0.00	52.11 3.14 0.00	59.22 4.03 -0.01	55.32 3.86 -0.01	49.92 3.48 -0.01	53.45 3.82 -0.01	52.84 3.83 -0.01	60.34 3.69 -9.97	51.83 3.71 -0.01	60.14 3.83 -7.22	59.83 4.40 -0.45	73.95 4.79 -10.77	84.19 5.87 -6.77	79.32 5.69 -4.19	70.75 5.24 -0.02	62.60 4.53 -0.01	58.20 4.16 -0.01	55.85 3.75 -0.01	53.24 3.39 0.00
RAVENSWOOD___4 23820	45.62 2.78 -0.01	43.27 2.64 -0.01	42.00 2.56 -0.01	41.87 2.48 -0.01	42.75 2.53 -0.01	45.61 2.75 -0.01	52.31 3.33 0.00	59.39 4.19 -0.01	55.42 3.96 -0.01	50.01 3.57 -0.01	53.60 3.97 -0.01	52.94 3.92 -0.01	60.33 3.69 -9.96	51.93 3.80 -0.01	60.13 3.83 -7.22	59.99 4.56 -0.45	73.89 4.73 -10.77	84.05 5.73 -6.77	79.18 5.56 -4.19	70.88 5.37 -0.02	62.77 4.70 -0.01	58.41 4.37 -0.01	56.05 3.96 -0.01	53.50 3.64 -0.01
RCPL_TRUST___DRP 24196	45.32 2.48 0.00	43.02 2.40 0.00	41.76 2.33 0.00	41.59 2.21 0.00	42.46 2.25 0.00	45.35 2.49 0.00	52.11 3.13 0.00	59.22 4.03 0.00	55.36 3.91 0.00	50.00 3.57 0.00	53.49 3.87 0.00	52.88 3.87 0.00	50.93 3.73 -0.51	51.82 3.71 0.00	53.33 3.88 -0.37	59.45 4.45 -0.02	68.07 4.90 -4.78	77.90 6.01 -0.34	75.47 5.83 -0.21	70.80 5.31 0.00	62.53 4.47 0.00	58.14 4.11 0.00	55.73 3.65 0.00	53.14 3.29 0.00
RED___ROCHESTER 323720	41.25 -1.58 0.00	38.96 -1.67 0.00	37.74 -1.69 0.00	37.69 -1.69 0.00	38.68 -1.53 0.00	40.89 -1.97 0.00	46.43 -2.55 0.00	52.43 -2.76 0.00	49.04 -2.42 0.00	44.57 -1.86 0.00	47.29 -2.33 0.00	46.81 -2.20 0.00	44.54 -2.15 0.00	45.95 -2.16 0.00	47.07 -2.01 0.00	52.61 -2.36 0.00	55.78 -2.92 -0.31	68.69 -2.86 0.00	66.72 -2.71 0.00	63.01 -2.49 0.00	56.03 -2.03 0.00	51.92 -2.11 0.00	50.58 -1.51 0.00	48.31 -1.55 0.00
REGAN___SOLAR 323812	44.29 1.46 0.00	42.09 1.46 0.00	40.73 1.30 0.00	40.72 1.34 0.00	41.54 1.33 0.00	44.53 1.67 0.00	50.88 1.91 0.00	57.51 2.32 0.00	53.05 1.60 0.00	47.21 0.79 0.00	50.22 0.60 0.00	49.36 0.35 0.00	46.87 0.19 0.00	48.70 0.58 0.00	50.21 1.13 0.00	57.06 2.09 0.00	67.08 2.57 -6.13	74.84 3.29 0.00	72.90 3.47 0.00	68.58 3.08 0.00	60.79 2.73 0.00	56.41 2.37 0.00	54.43 2.35 0.00	52.04 2.19 0.00
RENSSELAER___COGEN 23796	44.24 1.41 0.00	42.01 1.38 0.00	40.73 1.30 0.00	40.64 1.26 0.00	41.50 1.29 0.00	44.27 1.41 0.00	50.50 1.52 0.00	56.95 1.77 0.00	53.20 1.75 0.00	48.09 1.67 0.00	51.51 1.89 0.00	50.87 1.86 0.00	48.50 1.82 0.00	49.99 1.87 0.00	51.00 1.91 0.00	57.01 2.04 0.00	65.84 2.04 -5.41	73.77 2.22 0.00	71.65 2.22 0.00	67.65 2.16 0.00	60.04 1.98 0.00	55.92 1.89 0.00	53.91 1.82 0.00	51.60 1.74 0.00
REPUBLIC_115KV_BARTNBRK 55605	47.89 5.05 0.00	45.58 4.96 0.00	44.09 4.65 0.00	44.11 4.73 0.00	44.88 4.66 0.00	48.13 5.27 0.00	54.80 5.83 0.00	62.03 6.84 0.00	57.78 6.33 0.00	52.13 5.71 0.00	55.73 6.10 0.00	54.79 5.78 0.00	51.87 5.18 0.00	53.56 5.44 0.00	54.83 5.74 0.00	61.79 6.82 0.00	71.31 7.30 -5.63	80.64 9.09 0.00	78.80 9.37 0.00	73.95 8.45 0.00	65.73 7.66 0.00	60.89 6.86 0.00	58.70 6.62 0.00	56.23 6.38 0.00
REVERE_CPPR_DRP 24186	43.99 1.16 0.00	41.68 1.06 0.00	40.42 0.99 0.00	40.40 1.02 0.00	41.22 1.01 0.00	44.02 1.16 0.00	50.10 1.13 0.00	56.73 1.55 0.00	52.95 1.49 0.00	47.77 1.35 0.00	51.06 1.44 0.00	50.43 1.42 0.00	47.90 1.21 0.00	49.61 1.49 0.00	50.65 1.57 0.00	56.84 1.87 0.00	60.72 2.10 -0.23	74.27 2.72 0.00	71.86 2.43 0.00	67.85 2.36 0.00	60.21 2.15 0.00	55.98 1.95 0.00	53.91 1.82 0.00	51.55 1.69 0.00
REYNLDPA_13_KV_LD 356490	42.83 0.00 0.00	40.67 0.04 0.00	39.59 0.16 0.00	39.54 0.16 0.00	40.37 0.16 0.00	42.99 0.13 0.00	49.17 0.20 0.00	55.52 0.33 0.00	51.66 0.21 0.00	46.52 0.09 0.00	49.72 0.10 0.00	49.06 0.05 0.00	46.69 0.00 0.00	48.07 -0.05 0.00	48.99 -0.10 0.00	54.76 -0.22 0.00	58.15 -0.23 0.00	71.26 -0.29 0.00	69.08 -0.35 0.00	65.24 -0.26 0.00	57.95 -0.12 0.00	54.09 0.05 0.00	52.14 0.05 0.00	49.90 0.05 0.00
REYNOLDS_115KV_TB3 80639	44.46 1.63 0.00	42.21 1.58 0.00	40.93 1.50 0.00	40.88 1.50 0.00	41.70 1.49 0.00	44.49 1.63 0.00	50.79 1.81 0.00	57.23 2.04 0.00	53.51 2.06 0.00	48.33 1.90 0.00	51.86 2.23 0.00	51.22 2.21 0.00	48.79 2.10 0.00	50.28 2.17 0.00	51.29 2.21 0.00	57.39 2.42 0.00	66.26 2.45 -5.42	74.27 2.72 0.00	72.14 2.71 0.00	68.05 2.55 0.00	60.39 2.32 0.00	56.25 2.22 0.00	54.17 2.08 0.00	51.90 2.04 0.00
RIVERBAY____ 323610	46.18 3.34 -0.01	43.88 3.25 -0.01	42.63 3.19 -0.01	42.50 3.11 -0.01	43.36 3.14 -0.01	46.21 3.34 -0.01	52.80 3.82 0.00	59.93 4.75 0.00	55.97 4.53 0.02	50.45 4.04 0.02	54.02 4.42 0.02	53.36 4.36 0.02	50.77 4.06 -0.02	52.29 4.19 0.02	53.32 4.22 -0.01	59.99 5.00 -0.01	68.06 5.20 -4.48	77.86 6.30 -0.01	75.56 6.11 -0.02	71.41 5.89 -0.02	63.29 5.23 0.00	58.89 4.86 0.00	56.57 4.48 0.00	54.05 4.19 -0.01
RIVERSDE_115KV_TB3 55908	44.42 1.58 0.00	42.13 1.50 0.00	40.89 1.46 0.00	40.80 1.42 0.00	41.62 1.41 0.00	44.45 1.59 0.00	50.69 1.71 0.00	57.18 1.99 0.00	53.41 1.96 0.00	48.28 1.86 0.00	51.76 2.13 0.00	51.12 2.11 0.00	48.69 2.01 0.00	50.24 2.12 0.00	51.24 2.16 0.00	57.28 2.31 0.00	66.15 2.34 -5.43	74.13 2.58 0.00	72.00 2.57 0.00	67.92 2.42 0.00	60.27 2.21 0.00	56.14 2.11 0.00	54.07 1.98 0.00	51.85 1.99 0.00
ROARING___BROOK_WT_PWR 323790	41.80 -1.03 0.00	39.69 -0.93 0.00	38.57 -0.87 0.00	38.59 -0.79 0.00	39.41 -0.80 0.00	41.96 -0.90 0.00	48.00 -0.98 0.00	54.09 -1.10 0.00	50.37 -1.08 0.00	45.40 -1.02 0.00	48.43 -1.19 0.00	47.74 -1.27 0.00	45.43 -1.26 0.00	46.82 -1.30 0.00	47.76 -1.32 0.00	53.49 -1.48 0.00	56.87 -1.52 0.00	69.62 -1.93 0.00	67.56 -1.87 0.00	63.79 -1.70 0.00	56.55 -1.51 0.00	52.68 -1.35 0.00	50.79 -1.30 0.00	48.65 -1.20 0.00

ROCHESRG_115KV_T4 355643	40.86 -1.97 0.00	38.64 -1.99 0.00	37.38 -2.05 0.00	37.33 -2.05 0.00	38.36 -1.85 0.00	40.55 -2.31 0.00	45.94 -3.04 0.00	51.77 -3.42 0.00	48.32 -3.14 0.00	43.92 -2.51 0.00	46.70 -2.93 0.00	46.22 -2.79 0.00	44.02 -2.66 0.00	45.38 -2.74 0.00	46.43 -2.65 0.00	51.90 -3.08 0.00	55.07 -3.62 -0.31	67.69 -3.86 0.00	65.75 -3.68 0.00	62.16 -3.34 0.00	55.28 -2.79 0.00	51.28 -2.76 0.00	49.95 -2.14 0.00	47.76 -2.09 0.00
ROCHESTER_9_IC 23652	41.12 -1.71 0.00	38.84 -1.79 0.00	37.58 -1.85 0.00	37.53 -1.85 0.00	38.56 -1.65 0.00	40.76 -2.10 0.00	46.23 -2.74 0.00	52.21 -2.98 0.00	48.73 -2.73 0.00	44.24 -2.18 0.00	47.09 -2.53 0.00	46.56 -2.45 0.00	44.35 -2.33 0.00	45.71 -2.41 0.00	46.83 -2.26 0.00	52.34 -2.64 0.00	55.49 -3.21 -0.31	68.26 -3.29 0.00	66.37 -3.05 0.00	62.68 -2.82 0.00	55.74 -2.32 0.00	51.71 -2.32 0.00	50.32 -1.77 0.00	48.06 -1.79 0.00
ROCKVIEW_13_KV_LD 356306	45.32 2.48 0.00	43.02 2.40 0.00	41.76 2.33 0.00	41.63 2.24 0.00	42.46 2.25 0.00	45.35 2.49 0.00	52.06 3.09 0.00	59.11 3.92 0.00	55.26 3.81 0.00	49.86 3.44 0.00	53.39 3.77 0.00	52.78 3.77 0.00	50.33 3.64 0.00	51.78 3.66 0.00	52.86 3.78 0.00	59.37 4.40 0.00	67.57 4.73 -4.46	77.42 5.87 0.00	75.12 5.69 0.00	70.74 5.24 0.00	62.59 4.53 0.00	58.14 4.11 0.00	55.73 3.65 0.00	53.19 3.34 0.00
ROME____115KV_TB2 80656	43.99 1.16 0.00	41.68 1.06 0.00	40.42 0.99 0.00	40.40 1.02 0.00	41.22 1.01 0.00	44.02 1.16 0.00	50.10 1.13 0.00	56.73 1.55 0.00	52.95 1.49 0.00	47.77 1.35 0.00	51.06 1.44 0.00	50.43 1.42 0.00	47.90 1.21 0.00	49.61 1.49 0.00	50.65 1.57 0.00	56.84 1.87 0.00	60.72 2.10 -0.23	74.27 2.72 0.00	71.86 2.43 0.00	67.85 2.36 0.00	60.21 2.15 0.00	55.98 1.95 0.00	53.91 1.82 0.00	51.55 1.69 0.00
ROSETON___1 23587	44.80 1.97 0.00	42.50 1.87 0.00	41.25 1.81 0.00	41.15 1.77 0.00	41.98 1.77 0.00	44.83 1.97 0.00	51.33 2.35 0.00	58.17 2.98 0.00	54.33 2.88 0.00	49.02 2.60 0.00	52.50 2.88 0.00	51.85 2.84 0.00	49.49 2.80 0.00	50.96 2.84 0.00	51.98 2.90 0.00	58.33 3.35 0.00	66.46 3.62 -4.45	75.91 4.37 0.00	73.66 4.24 0.00	69.43 3.93 0.00	61.43 3.37 0.00	57.16 3.13 0.00	54.90 2.81 0.00	52.44 2.59 0.00
ROSETON___2 23588	44.80 1.97 0.00	42.50 1.87 0.00	41.25 1.81 0.00	41.15 1.77 0.00	41.98 1.77 0.00	44.83 1.97 0.00	51.33 2.35 0.00	58.17 2.98 0.00	54.33 2.88 0.00	49.02 2.60 0.00	52.50 2.88 0.00	51.85 2.84 0.00	49.49 2.80 0.00	50.96 2.84 0.00	51.98 2.90 0.00	58.33 3.35 0.00	66.46 3.62 -4.45	75.91 4.37 0.00	73.66 4.24 0.00	69.43 3.93 0.00	61.43 3.37 0.00	57.16 3.13 0.00	54.90 2.81 0.00	52.44 2.59 0.00
ROTRRDAM_115KV_TB3 80664	44.25 1.41 0.00	41.97 1.34 0.00	40.73 1.30 0.00	40.64 1.26 0.00	41.50 1.29 0.00	44.27 1.41 0.00	50.59 1.62 0.00	57.12 1.93 0.00	53.25 1.80 0.00	48.00 1.58 0.00	51.36 1.74 0.00	50.73 1.72 0.00	48.27 1.59 0.00	49.80 1.68 0.00	50.85 1.77 0.00	57.06 2.09 0.00	66.30 2.22 -5.70	74.20 2.65 0.00	72.07 2.64 0.00	67.92 2.42 0.00	60.21 2.15 0.00	56.03 2.00 0.00	53.96 1.88 0.00	51.65 1.79 0.00
RUSSELL___1 23602	41.25 -1.58 0.00	38.96 -1.67 0.00	37.70 -1.74 0.00	37.65 -1.73 0.00	38.68 -1.53 0.00	40.89 -1.97 0.00	46.38 -2.60 0.00	52.43 -2.76 0.00	48.93 -2.52 0.00	44.43 -2.00 0.00	47.29 -2.33 0.00	46.76 -2.25 0.00	44.54 -2.15 0.00	45.95 -2.17 0.00	47.07 -2.01 0.00	52.61 -2.36 0.00	55.78 -2.92 -0.31	68.69 -2.86 0.00	66.72 -2.71 0.00	63.01 -2.49 0.00	56.03 -2.03 0.00	51.92 -2.11 0.00	50.58 -1.51 0.00	48.31 -1.55 0.00
RUSSELL___2 23532	41.25 -1.58 0.00	38.96 -1.67 0.00	37.70 -1.74 0.00	37.65 -1.73 0.00	38.68 -1.53 0.00	40.89 -1.97 0.00	46.38 -2.60 0.00	52.43 -2.76 0.00	48.93 -2.52 0.00	44.43 -2.00 0.00	47.29 -2.33 0.00	46.76 -2.25 0.00	44.54 -2.15 0.00	45.95 -2.17 0.00	47.07 -2.01 0.00	52.61 -2.36 0.00	55.78 -2.92 -0.31	68.69 -2.86 0.00	66.72 -2.71 0.00	63.01 -2.49 0.00	56.03 -2.03 0.00	51.92 -2.11 0.00	50.58 -1.51 0.00	48.31 -1.55 0.00
RUSSELL___3 23549	41.25 -1.58 0.00	38.96 -1.67 0.00	37.70 -1.74 0.00	37.65 -1.73 0.00	38.68 -1.53 0.00	40.89 -1.97 0.00	46.38 -2.60 0.00	52.43 -2.76 0.00	48.93 -2.52 0.00	44.43 -2.00 0.00	47.29 -2.33 0.00	46.76 -2.25 0.00	44.54 -2.15 0.00	45.95 -2.17 0.00	47.07 -2.01 0.00	52.61 -2.36 0.00	55.78 -2.92 -0.31	68.69 -2.86 0.00	66.72 -2.71 0.00	63.01 -2.49 0.00	56.03 -2.03 0.00	51.92 -2.11 0.00	50.58 -1.51 0.00	48.31 -1.55 0.00
RUSSELL___4 23556	41.25 -1.58 0.00	38.96 -1.67 0.00	37.70 -1.74 0.00	37.65 -1.73 0.00	38.68 -1.53 0.00	40.89 -1.97 0.00	46.38 -2.60 0.00	52.43 -2.76 0.00	48.93 -2.52 0.00	44.43 -2.00 0.00	47.29 -2.33 0.00	46.76 -2.25 0.00	44.54 -2.15 0.00	45.95 -2.17 0.00	47.07 -2.01 0.00	52.61 -2.36 0.00	55.78 -2.92 -0.31	68.69 -2.86 0.00	66.72 -2.71 0.00	63.01 -2.49 0.00	56.03 -2.03 0.00	51.92 -2.11 0.00	50.58 -1.51 0.00	48.31 -1.55 0.00
RUSSELL___STATION 23914	41.25 -1.58 0.00	38.96 -1.67 0.00	37.70 -1.74 0.00	37.65 -1.73 0.00	38.68 -1.53 0.00	40.89 -1.97 0.00	46.38 -2.60 0.00	52.43 -2.76 0.00	48.93 -2.52 0.00	44.43 -2.00 0.00	47.29 -2.33 0.00	46.76 -2.25 0.00	44.54 -2.15 0.00	45.95 -2.17 0.00	47.07 -2.01 0.00	52.61 -2.36 0.00	55.78 -2.92 -0.31	68.69 -2.86 0.00	66.72 -2.71 0.00	63.01 -2.49 0.00	56.03 -2.03 0.00	51.92 -2.11 0.00	50.58 -1.51 0.00	48.31 -1.55 0.00
S SALMON___HYD 24043	42.10 -0.73 0.00	39.94 -0.69 0.00	38.68 -0.75 0.00	38.67 -0.71 0.00	39.49 -0.72 0.00	42.04 -0.82 0.00	47.90 -1.08 0.00	53.97 -1.21 0.00	50.27 -1.18 0.00	45.31 -1.11 0.00	48.43 -1.19 0.00	47.93 -1.08 0.00	45.61 -1.07 0.00	47.11 -1.01 0.00	48.05 -1.03 0.00	53.82 -1.16 0.00	57.49 -1.23 -0.33	70.40 -1.15 0.00	68.32 -1.11 0.00	64.45 -1.05 0.00	57.13 -0.93 0.00	53.11 -0.92 0.00	51.31 -0.78 0.00	49.15 -0.70 0.00
S.PERRY__115KV_TB1 80734	41.59 -1.24 0.00	39.29 -1.34 0.00	37.97 -1.46 0.00	38.00 -1.38 0.00	39.09 -1.13 0.00	41.32 -1.54 0.00	46.97 -2.01 0.00	53.15 -2.04 0.00	49.40 -2.06 0.00	44.43 -2.00 0.00	47.04 -2.58 0.00	46.46 -2.55 0.00	44.35 -2.33 0.00	45.66 -2.45 0.00	46.87 -2.21 0.00	52.67 -2.31 0.00	55.98 -2.51 -0.10	69.69 -1.86 0.00	68.18 -1.25 0.00	64.45 -1.05 0.00	57.25 -0.81 0.00	52.95 -1.08 0.00	51.57 -0.52 0.00	49.20 -0.65 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	39.53 -3.30 0.00	37.29 -3.33 0.00	36.16 -3.27 0.00	36.07 -3.31 0.00	37.16 -3.06 0.00	38.96 -3.90 0.00	43.69 -5.29 0.00	49.06 -6.13 0.00	45.85 -5.61 0.00	41.83 -4.60 0.00	44.26 -5.36 0.00	43.81 -5.20 0.00	41.92 -4.76 0.00	42.97 -5.15 0.00	44.13 -4.96 0.00	49.31 -5.66 0.00	51.90 -6.77 -0.29	64.11 -7.44 0.00	62.62 -6.80 0.00	59.34 -6.16 0.00	53.01 -5.05 0.00	49.22 -4.81 0.00	48.29 -3.80 0.00	46.36 -3.49 0.00

SAWYER___23_KV_LOAD 55526	39.53 -3.30 0.00	37.29 -3.33 0.00	36.16 -3.27 0.00	36.07 -3.31 0.00	37.16 -3.06 0.00	38.96 -3.90 0.00	43.69 -5.29 0.00	49.06 -6.13 0.00	45.85 -5.61 0.00	41.83 -4.60 0.00	44.26 -5.36 0.00	43.81 -5.20 0.00	41.92 -4.76 0.00	42.97 -5.15 0.00	44.13 -4.96 0.00	49.31 -5.66 0.00	51.90 -6.77 -0.29	64.11 -7.44 0.00	62.62 -6.80 0.00	59.34 -6.16 0.00	53.01 -5.05 0.00	49.22 -4.81 0.00	48.29 -3.80 0.00	46.36 -3.49 0.00
SELKIRK___I 23801	44.42 1.59 0.00	42.17 1.54 0.00	40.93 1.50 0.00	40.84 1.46 0.00	41.66 1.45 0.00	44.45 1.59 0.00	50.69 1.71 0.00	57.12 1.93 0.00	53.30 1.85 0.00	48.09 1.67 0.00	51.46 1.84 0.00	50.82 1.81 0.00	48.41 1.73 0.00	49.95 1.83 0.00	51.00 1.91 0.00	57.12 2.14 0.00	65.90 2.16 -5.35	74.12 2.57 0.00	72.00 2.57 0.00	67.92 2.42 0.00	60.27 2.21 0.00	56.14 2.11 0.00	54.12 2.03 0.00	51.85 2.00 0.00
SELKIRK___II 23799	44.12 1.28 0.00	41.89 1.26 0.00	40.61 1.18 0.00	40.56 1.18 0.00	41.38 1.17 0.00	44.14 1.28 0.00	50.40 1.42 0.00	56.84 1.65 0.00	53.05 1.60 0.00	47.95 1.53 0.00	51.36 1.74 0.00	50.72 1.71 0.00	48.32 1.63 0.00	49.80 1.68 0.00	50.80 1.72 0.00	56.85 1.87 0.00	65.70 1.92 -5.39	73.69 2.14 0.00	71.58 2.15 0.00	67.53 2.03 0.00	59.92 1.86 0.00	55.81 1.78 0.00	53.75 1.67 0.00	51.45 1.59 0.00
SENECA OSWGO___HYD 24041	41.72 -1.11 0.00	39.53 -1.10 0.00	38.33 -1.10 0.00	38.32 -1.06 0.00	39.13 -1.08 0.00	41.70 -1.16 0.00	47.66 -1.32 0.00	53.53 -1.65 0.00	49.91 -1.54 0.00	45.03 -1.39 0.00	48.08 -1.54 0.00	47.54 -1.47 0.00	45.33 -1.36 0.00	46.72 -1.40 0.00	47.66 -1.42 0.00	53.44 -1.54 0.00	57.12 -1.63 -0.37	69.69 -1.86 0.00	67.62 -1.81 0.00	63.73 -1.77 0.00	56.50 -1.56 0.00	52.46 -1.57 0.00	50.63 -1.46 0.00	48.46 -1.40 0.00
SENECA___115KV_TB3 355854	39.79 -3.04 0.00	37.58 -3.05 0.00	36.52 -2.92 0.00	36.47 -2.91 0.00	37.48 -2.74 0.00	39.30 -3.56 0.00	44.13 -4.85 0.00	49.51 -5.68 0.00	46.36 -5.09 0.00	42.29 -4.13 0.00	44.61 -5.01 0.00	44.16 -4.85 0.00	42.20 -4.48 0.00	43.21 -4.91 0.00	44.42 -4.66 0.00	49.70 -5.28 0.00	52.31 -6.36 -0.29	64.75 -6.80 0.00	63.25 -6.18 0.00	59.93 -5.57 0.00	53.53 -4.53 0.00	49.66 -4.37 0.00	48.65 -3.44 0.00	46.76 -3.09 0.00
SENECA___ENERGY 23797	41.85 -0.98 0.00	39.61 -1.01 0.00	38.37 -1.06 0.00	38.36 -1.02 0.00	39.25 -0.97 0.00	41.75 -1.11 0.00	47.70 -1.27 0.00	53.75 -1.44 0.00	50.17 -1.28 0.00	45.31 -1.11 0.00	48.33 -1.29 0.00	47.79 -1.22 0.00	45.52 -1.17 0.00	46.92 -1.20 0.00	47.96 -1.13 0.00	53.71 -1.26 0.00	57.57 -1.46 -0.64	70.19 -1.36 0.00	68.11 -1.32 0.00	64.19 -1.31 0.00	56.90 -1.16 0.00	52.79 -1.24 0.00	51.10 -0.99 0.00	48.85 -1.00 0.00
SHOEMAKER___GT 23640	44.55 1.72 0.00	42.25 1.63 0.00	41.01 1.58 0.00	40.92 1.53 0.00	41.78 1.57 0.00	44.58 1.72 0.00	51.03 2.06 0.00	57.73 2.54 0.00	53.87 2.42 0.00	48.56 2.14 0.00	51.96 2.33 0.00	51.31 2.30 0.00	48.97 2.29 0.00	50.43 2.31 0.00	51.49 2.40 0.00	57.83 2.86 0.00	65.61 3.15 -4.08	75.41 3.86 0.00	73.18 3.75 0.00	68.97 3.47 0.00	61.08 3.02 0.00	56.89 2.86 0.00	54.59 2.50 0.00	52.20 2.34 0.00
SHOEMAKR_138KV_BK 111 55601	44.55 1.71 0.00	42.25 1.63 0.00	41.01 1.58 0.00	40.92 1.54 0.00	41.74 1.53 0.00	44.57 1.71 0.00	51.03 2.06 0.00	57.73 2.54 0.00	53.92 2.47 0.00	48.65 2.23 0.00	52.00 2.38 0.00	51.36 2.35 0.00	48.97 2.29 0.00	50.48 2.36 0.00	51.54 2.45 0.00	57.83 2.86 0.00	65.59 3.15 -4.05	75.41 3.86 0.00	73.18 3.75 0.00	68.97 3.47 0.00	61.08 3.02 0.00	56.84 2.81 0.00	54.59 2.50 0.00	52.14 2.29 0.00
SHOREHAM_IC_1 23715	46.39 3.55 -0.01	44.09 3.45 -0.01	42.87 3.43 -0.01	42.70 3.31 -0.01	43.64 3.42 -0.01	46.42 3.56 -0.01	56.25 4.16 -3.11	66.69 5.19 -6.32	56.27 4.79 -0.03	50.61 4.18 -0.01	54.15 4.41 -0.12	53.28 4.26 -0.01	51.57 4.25 -0.64	63.00 4.33 -10.55	68.15 4.57 -14.50	73.58 5.72 -12.89	94.44 6.42 -29.63	98.64 7.80 -19.29	97.89 7.64 -20.83	95.41 7.14 -22.78	90.28 6.15 -26.06	78.87 5.89 -18.95	69.08 4.95 -12.04	64.26 4.58 -9.82
SHOREHAM_IC_2 23716	46.40 3.56 -0.01	44.09 3.45 -0.01	42.87 3.43 -0.01	42.70 3.31 -0.01	43.60 3.38 -0.01	46.38 3.51 -0.01	56.35 4.26 -3.11	66.70 5.19 -6.32	56.27 4.79 -0.03	50.61 4.18 -0.01	54.21 4.47 -0.12	53.28 4.26 -0.01	51.52 4.20 -0.64	62.95 4.28 -10.55	68.15 4.56 -14.50	73.75 5.88 -12.89	94.44 6.42 -29.63	98.63 7.80 -19.29	97.89 7.64 -20.83	95.41 7.14 -22.78	90.28 6.15 -26.06	78.87 5.89 -18.95	69.03 4.90 -12.04	64.21 4.54 -9.82
SISSONVILLE____ 23735	42.62 -0.21 0.00	40.63 0.00 0.00	39.51 0.08 0.00	39.50 0.12 0.00	40.29 0.08 0.00	42.77 -0.09 0.00	48.88 -0.10 0.00	55.30 0.11 0.00	51.35 -0.10 0.00	46.10 -0.32 0.00	49.37 -0.25 0.00	48.67 -0.34 0.00	46.22 -0.47 0.00	47.69 -0.43 0.00	48.30 -0.79 0.00	53.77 -1.21 0.00	56.99 -1.40 0.00	69.90 -1.65 0.00	67.76 -1.67 0.00	64.06 -1.44 0.00	56.90 -1.16 0.00	53.33 -0.70 0.00	51.52 -0.57 0.00	49.50 -0.35 0.00
SITHE_IND_GS1 24169	41.46 -1.37 0.00	39.29 -1.34 0.00	38.09 -1.34 0.00	38.08 -1.30 0.00	38.89 -1.33 0.00	41.40 -1.46 0.00	47.31 -1.67 0.00	52.98 -2.21 0.00	49.39 -2.06 0.00	44.57 -1.86 0.00	47.59 -2.04 0.00	47.00 -2.01 0.00	44.82 -1.87 0.00	46.19 -1.93 0.00	47.12 -1.96 0.00	52.83 -2.14 0.00	56.35 -2.34 -0.30	68.83 -2.72 0.00	66.79 -2.64 0.00	62.94 -2.56 0.00	55.80 -2.27 0.00	51.87 -2.16 0.00	50.11 -1.98 0.00	47.96 -1.89 0.00
SITHE_IND_GS2 24170	41.46 -1.37 0.00	39.29 -1.34 0.00	38.09 -1.34 0.00	38.08 -1.30 0.00	38.89 -1.33 0.00	41.40 -1.46 0.00	47.31 -1.67 0.00	52.98 -2.21 0.00	49.39 -2.06 0.00	44.57 -1.86 0.00	47.59 -2.04 0.00	47.00 -2.01 0.00	44.82 -1.87 0.00	46.19 -1.93 0.00	47.12 -1.96 0.00	52.83 -2.14 0.00	56.35 -2.34 -0.30	68.83 -2.72 0.00	66.79 -2.64 0.00	62.94 -2.56 0.00	55.80 -2.27 0.00	51.87 -2.16 0.00	50.11 -1.98 0.00	47.96 -1.89 0.00
SITHE_IND_GS3 24171	41.46 -1.37 0.00	39.29 -1.34 0.00	38.09 -1.34 0.00	38.08 -1.30 0.00	38.89 -1.33 0.00	41.40 -1.46 0.00	47.31 -1.67 0.00	52.98 -2.21 0.00	49.39 -2.06 0.00	44.57 -1.86 0.00	47.59 -2.04 0.00	47.00 -2.01 0.00	44.82 -1.87 0.00	46.19 -1.93 0.00	47.12 -1.96 0.00	52.83 -2.14 0.00	56.35 -2.34 -0.30	68.83 -2.72 0.00	66.79 -2.64 0.00	62.94 -2.56 0.00	55.80 -2.27 0.00	51.87 -2.16 0.00	50.11 -1.98 0.00	47.96 -1.89 0.00
SITHE_IND_GS4 24172	41.46 -1.37 0.00	39.29 -1.34 0.00	38.09 -1.34 0.00	38.08 -1.30 0.00	38.89 -1.33 0.00	41.40 -1.46 0.00	47.31 -1.67 0.00	52.98 -2.21 0.00	49.39 -2.06 0.00	44.57 -1.86 0.00	47.59 -2.04 0.00	47.00 -2.01 0.00	44.82 -1.87 0.00	46.19 -1.93 0.00	47.12 -1.96 0.00	52.83 -2.14 0.00	56.35 -2.34 -0.30	68.83 -2.72 0.00	66.79 -2.64 0.00	62.94 -2.56 0.00	55.80 -2.27 0.00	51.87 -2.16 0.00	50.11 -1.98 0.00	47.96 -1.89 0.00

SITHE____BATAVIA 24024	40.60 -2.23 0.00	38.31 -2.31 0.00	37.11 -2.33 0.00	37.10 -2.29 0.00	38.16 -2.05 0.00	40.07 -2.79 0.00	45.21 -3.77 0.00	51.05 -4.14 0.00	47.75 -3.71 0.00	43.45 -2.97 0.00	45.85 -3.77 0.00	45.33 -3.68 0.00	43.18 -3.50 0.00	44.46 -3.66 0.00	45.65 -3.44 0.00	51.02 -3.96 0.00	53.90 -4.79 -0.30	66.76 -4.79 0.00	65.06 -4.37 0.00	61.63 -3.86 0.00	54.93 -3.14 0.00	50.90 -3.14 0.00	49.80 -2.29 0.00	47.66 -2.19 0.00
SITHE____INDEPEND 23800	41.46 -1.37 0.00	39.29 -1.34 0.00	38.09 -1.34 0.00	38.04 -1.34 0.00	38.89 -1.33 0.00	41.40 -1.46 0.00	47.31 -1.67 0.00	52.98 -2.21 0.00	49.34 -2.11 0.00	44.57 -1.86 0.00	47.59 -2.03 0.00	47.00 -2.01 0.00	44.82 -1.87 0.00	46.19 -1.92 0.00	47.12 -1.96 0.00	52.78 -2.20 0.00	56.35 -2.34 -0.30	68.83 -2.72 0.00	66.79 -2.64 0.00	62.94 -2.55 0.00	55.80 -2.26 0.00	51.87 -2.16 0.00	50.11 -1.98 0.00	47.91 -1.94 0.00
SITHE____MASSENA 23902	42.92 0.09 0.00	40.79 0.16 0.00	39.71 0.28 0.00	39.66 0.28 0.00	40.50 0.28 0.00	43.08 0.22 0.00	49.27 0.30 0.00	55.68 0.50 0.00	51.76 0.31 0.00	46.56 0.14 0.00	49.77 0.15 0.00	49.11 0.10 0.00	46.73 0.05 0.00	48.12 0.00 0.00	48.99 -0.10 0.00	54.76 -0.22 0.00	58.15 -0.23 0.00	71.26 -0.29 0.00	69.08 -0.35 0.00	65.30 -0.20 0.00	58.00 -0.06 0.00	54.14 0.11 0.00	52.19 0.10 0.00	50.00 0.15 0.00
SITHE____OGDNSBRG 24021	43.43 0.60 0.00	41.36 0.73 0.00	40.22 0.79 0.00	40.21 0.83 0.00	40.98 0.76 0.00	43.63 0.77 0.00	49.81 0.83 0.00	56.40 1.21 0.00	52.23 0.77 0.00	46.79 0.37 0.00	50.02 0.40 0.00	49.30 0.29 0.00	46.78 0.09 0.00	48.26 0.14 0.00	49.03 -0.05 0.00	54.81 -0.16 0.00	58.50 0.12 0.00	71.98 0.43 0.00	69.85 0.42 0.00	66.09 0.59 0.00	58.76 0.70 0.00	54.90 0.86 0.00	52.92 0.83 0.00	50.75 0.90 0.00
SITHE____STERLING 23777	43.69 0.86 0.00	41.40 0.77 0.00	40.14 0.71 0.00	40.17 0.79 0.00	40.97 0.76 0.00	43.72 0.86 0.00	49.86 0.88 0.00	56.40 1.21 0.00	52.58 1.13 0.00	47.44 1.02 0.00	50.67 1.04 0.00	50.09 1.08 0.00	47.62 0.93 0.00	49.27 1.15 0.00	50.31 1.23 0.00	56.40 1.43 0.00	60.23 1.58 -0.27	73.63 2.08 0.00	71.30 1.88 0.00	67.33 1.83 0.00	59.69 1.62 0.00	55.49 1.46 0.00	53.44 1.35 0.00	51.10 1.25 0.00
SLEIGHT__34_KV_TB1 80719	41.29 -1.54 0.00	39.04 -1.58 0.00	37.78 -1.66 0.00	37.77 -1.61 0.00	38.76 -1.45 0.00	41.10 -1.76 0.00	46.82 -2.15 0.00	52.87 -2.32 0.00	49.34 -2.11 0.00	44.71 -1.72 0.00	47.64 -1.98 0.00	47.15 -1.86 0.00	44.91 -1.77 0.00	46.29 -1.83 0.00	47.37 -1.72 0.00	53.00 -1.98 0.00	56.56 -2.34 -0.51	69.19 -2.36 0.00	67.21 -2.22 0.00	63.40 -2.10 0.00	56.20 -1.86 0.00	52.14 -1.89 0.00	50.58 -1.51 0.00	48.31 -1.55 0.00
SMITHTWN_69_KV_BK 1 55830	46.27 3.43 -0.01	43.97 3.33 -0.01	42.68 3.23 -0.01	42.58 3.19 -0.01	43.44 3.22 -0.01	46.30 3.43 -0.01	56.27 4.16 -3.13	66.68 5.13 -6.36	56.27 4.79 -0.03	50.66 4.22 -0.01	54.26 4.52 -0.12	53.38 4.36 -0.01	51.57 4.25 -0.64	63.06 4.33 -10.61	68.23 4.56 -14.59	73.77 5.83 -12.97	94.47 6.31 -29.78	98.47 7.51 -19.41	97.75 7.36 -20.96	95.30 6.88 -22.92	90.44 6.15 -26.22	78.76 5.67 -19.06	68.94 4.74 -12.11	64.07 4.34 -9.88
SOUTH CAIRO__GT 23612	45.40 2.57 0.00	43.10 2.48 0.00	41.84 2.41 0.00	41.82 2.44 0.00	42.62 2.41 0.00	45.47 2.61 0.00	51.87 2.89 0.00	58.11 2.92 0.00	54.28 2.83 0.00	48.70 2.27 0.00	51.86 2.23 0.00	51.12 2.11 0.00	48.69 2.01 0.00	50.28 2.17 0.00	51.44 2.36 0.00	58.00 3.02 0.00	66.64 3.04 -5.22	75.99 4.44 0.00	73.66 4.24 0.00	69.56 4.06 0.00	61.72 3.66 0.00	57.81 3.78 0.00	55.58 3.49 0.00	53.29 3.44 0.00
SOUTH HAMPTN__IC 23720	46.48 3.64 -0.01	44.17 3.53 -0.01	42.95 3.51 -0.01	42.78 3.39 -0.01	43.72 3.50 -0.01	46.51 3.64 -0.01	56.29 4.21 -3.10	66.68 5.19 -6.31	56.32 4.84 -0.03	50.66 4.22 -0.01	54.25 4.52 -0.12	53.38 4.36 -0.01	51.71 4.39 -0.64	63.07 4.42 -10.53	68.27 4.71 -14.48	73.73 5.89 -12.87	94.51 6.54 -29.58	98.82 8.01 -19.25	98.06 7.84 -20.79	95.57 7.33 -22.74	90.36 6.27 -26.02	78.94 6.00 -18.91	69.11 5.00 -12.02	64.40 4.74 -9.81
SOUTHDOW_115KV_TB1 355954	39.32 -3.51 0.00	37.09 -3.53 0.00	36.00 -3.43 0.00	36.03 -3.35 0.00	37.12 -3.10 0.00	38.96 -3.90 0.00	43.98 -5.00 0.00	49.23 -5.96 0.00	46.05 -5.40 0.00	41.83 -4.60 0.00	44.11 -5.51 0.00	43.62 -5.39 0.00	41.74 -4.95 0.00	42.68 -5.44 0.00	43.98 -5.10 0.00	49.31 -5.66 0.00	52.12 -6.54 -0.27	64.75 -6.80 0.00	63.53 -5.90 0.00	60.19 -5.31 0.00	53.77 -4.30 0.00	49.71 -4.32 0.00	48.65 -3.44 0.00	46.86 -2.99 0.00
SOUTHOLD_69_KV_BK 2 55809	46.40 3.56 -0.01	44.13 3.49 -0.01	42.91 3.47 -0.01	42.70 3.31 -0.01	43.64 3.42 -0.01	46.47 3.60 -0.01	56.10 4.02 -3.10	66.47 4.97 -6.31	56.07 4.58 -0.03	50.47 4.04 -0.01	54.16 4.42 -0.12	53.23 4.21 -0.01	51.48 4.15 -0.64	62.93 4.28 -10.53	68.13 4.56 -14.48	73.78 5.94 -12.87	94.40 6.42 -29.59	98.82 8.01 -19.26	98.07 7.85 -20.79	95.51 7.27 -22.74	90.24 6.15 -26.02	78.78 5.84 -18.92	68.85 4.74 -12.02	64.45 4.79 -9.81
SOUTHOLD__IC 23719	46.44 3.60 -0.01	44.13 3.49 -0.01	42.91 3.47 -0.01	42.70 3.31 -0.01	43.68 3.46 -0.01	46.51 3.64 -0.01	56.04 3.97 -3.10	66.41 4.91 -6.31	56.02 4.53 -0.03	50.47 4.04 -0.01	54.11 4.37 -0.12	53.23 4.22 -0.01	51.57 4.25 -0.64	62.93 4.28 -10.53	68.13 4.57 -14.48	73.62 5.77 -12.87	94.40 6.42 -29.59	98.82 8.01 -19.26	98.06 7.84 -20.79	95.51 7.27 -22.74	90.24 6.15 -26.02	78.78 5.84 -18.92	68.90 4.79 -12.02	64.45 4.79 -9.81
SOUTH_FORK_WT_PWR 323839	46.01 3.17 -0.01	43.72 3.09 -0.01	42.56 3.11 -0.01	42.34 2.96 -0.01	43.28 3.05 -0.01	46.09 3.22 -0.01	55.41 3.33 -3.10	65.69 4.19 -6.31	55.35 3.86 -0.03	49.87 3.44 -0.01	53.56 3.82 -0.12	52.65 3.63 -0.01	50.96 3.64 -0.64	62.35 3.71 -10.53	67.53 3.97 -14.48	72.96 5.11 -12.87	93.63 5.66 -29.59	97.89 7.08 -19.25	97.16 6.94 -20.79	94.66 6.42 -22.74	89.48 5.40 -26.02	78.08 5.14 -18.91	68.18 4.07 -12.02	63.95 4.29 -9.81
SPIERFLS_115KV_TB 1 80737	45.74 2.91 0.00	43.47 2.84 0.00	42.11 2.68 0.00	42.10 2.72 0.00	42.91 2.69 0.00	45.90 3.04 0.00	52.40 3.43 0.00	59.22 4.03 0.00	55.26 3.81 0.00	49.86 3.44 0.00	53.34 3.72 0.00	52.59 3.58 0.00	49.95 3.27 0.00	51.44 3.32 0.00	52.62 3.53 0.00	59.10 4.12 0.00	68.40 4.38 -5.63	76.84 5.29 0.00	74.78 5.35 0.00	70.34 4.85 0.00	62.53 4.47 0.00	58.03 4.00 0.00	55.99 3.91 0.00	53.59 3.74 0.00
ST LAWRENCE____ 23600	42.45 -0.39 0.00	40.34 -0.28 0.00	39.20 -0.24 0.00	39.18 -0.20 0.00	39.97 -0.24 0.00	42.60 -0.26 0.00	48.73 -0.24 0.00	54.97 -0.22 0.00	51.15 -0.31 0.00	46.05 -0.37 0.00	49.22 -0.40 0.00	48.57 -0.44 0.00	46.22 -0.47 0.00	47.59 -0.53 0.00	48.50 -0.59 0.00	54.26 -0.72 0.00	57.63 -0.76 0.00	70.62 -0.93 0.00	68.46 -0.97 0.00	64.64 -0.85 0.00	57.37 -0.69 0.00	53.49 -0.54 0.00	51.57 -0.52 0.00	49.35 -0.50 0.00

STATE_CA_115KV_115_LB 55624	44.50 1.67 0.00	42.25 1.63 0.00	40.97 1.54 0.00	40.88 1.50 0.00	41.70 1.49 0.00	44.53 1.67 0.00	50.79 1.81 0.00	57.29 2.10 0.00	53.56 2.11 0.00	48.42 2.00 0.00	51.91 2.28 0.00	51.26 2.25 0.00	48.83 2.15 0.00	50.38 2.26 0.00	51.39 2.31 0.00	57.45 2.47 0.00	66.33 2.51 -5.43	74.27 2.72 0.00	72.07 2.64 0.00	68.05 2.55 0.00	60.39 2.32 0.00	56.25 2.22 0.00	54.22 2.14 0.00	52.00 2.14 0.00
STATE_ST_34_KV_LOAD 55959	42.32 -0.51 0.00	40.06 -0.57 0.00	38.84 -0.59 0.00	38.83 -0.55 0.00	39.69 -0.52 0.00	42.30 -0.56 0.00	48.39 -0.59 0.00	54.53 -0.66 0.00	50.84 -0.62 0.00	45.82 -0.60 0.00	48.93 -0.69 0.00	48.37 -0.64 0.00	46.12 -0.56 0.00	47.54 -0.58 0.00	48.59 -0.49 0.00	54.43 -0.55 0.00	58.65 -0.53 -0.79	71.33 -0.21 0.00	69.22 -0.21 0.00	65.23 -0.26 0.00	57.77 -0.29 0.00	53.60 -0.43 0.00	51.72 -0.36 0.00	49.45 -0.40 0.00
STATION_5_MISC_HYD 23604	41.12 -1.71 0.00	38.84 -1.79 0.00	37.62 -1.81 0.00	37.57 -1.81 0.00	38.56 -1.65 0.00	40.76 -2.10 0.00	46.23 -2.74 0.00	52.21 -2.98 0.00	48.83 -2.62 0.00	44.38 -2.04 0.00	47.09 -2.53 0.00	46.61 -2.40 0.00	44.35 -2.33 0.00	45.71 -2.40 0.00	46.83 -2.26 0.00	52.34 -2.64 0.00	55.49 -3.21 -0.31	68.26 -3.29 0.00	66.38 -3.05 0.00	62.68 -2.81 0.00	55.74 -2.32 0.00	51.71 -2.32 0.00	50.32 -1.77 0.00	48.11 -1.75 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	41.42 -1.41 0.00	39.12 -1.50 0.00	37.90 -1.54 0.00	37.84 -1.54 0.00	38.84 -1.37 0.00	41.19 -1.67 0.00	46.87 -2.11 0.00	52.93 -2.26 0.00	49.40 -2.06 0.00	44.75 -1.67 0.00	47.69 -1.94 0.00	47.15 -1.86 0.00	44.91 -1.77 0.00	46.34 -1.78 0.00	47.37 -1.72 0.00	53.00 -1.98 0.00	56.43 -2.34 -0.38	69.19 -2.36 0.00	67.21 -2.22 0.00	63.40 -2.10 0.00	56.32 -1.74 0.00	52.19 -1.84 0.00	50.68 -1.41 0.00	48.41 -1.45 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	40.95 -1.88 0.00	38.68 -1.95 0.00	37.42 -2.01 0.00	37.37 -2.01 0.00	38.40 -1.81 0.00	40.59 -2.27 0.00	46.09 -2.89 0.00	51.99 -3.20 0.00	48.57 -2.88 0.00	44.06 -2.37 0.00	46.94 -2.68 0.00	46.41 -2.60 0.00	44.21 -2.47 0.00	45.57 -2.55 0.00	46.68 -2.41 0.00	52.17 -2.80 0.00	55.38 -3.33 -0.32	68.04 -3.51 0.00	66.10 -3.33 0.00	62.42 -3.08 0.00	55.51 -2.55 0.00	51.44 -2.59 0.00	50.06 -2.03 0.00	47.86 -1.99 0.00
STA_56___34_KV_BUS2 355983	40.95 -1.88 0.00	38.68 -1.95 0.00	37.42 -2.01 0.00	37.37 -2.01 0.00	38.40 -1.81 0.00	40.59 -2.27 0.00	46.09 -2.89 0.00	51.99 -3.20 0.00	48.57 -2.88 0.00	44.06 -2.37 0.00	46.94 -2.68 0.00	46.41 -2.60 0.00	44.21 -2.47 0.00	45.57 -2.55 0.00	46.68 -2.41 0.00	52.17 -2.80 0.00	55.38 -3.33 -0.32	68.04 -3.51 0.00	66.10 -3.33 0.00	62.42 -3.08 0.00	55.51 -2.55 0.00	51.44 -2.59 0.00	50.06 -2.03 0.00	47.86 -1.99 0.00
STA_67___115KV_BK2 355882	41.08 -1.76 0.00	38.76 -1.87 0.00	37.54 -1.89 0.00	37.49 -1.89 0.00	38.52 -1.69 0.00	40.72 -2.14 0.00	46.14 -2.84 0.00	52.10 -3.09 0.00	48.62 -2.83 0.00	44.15 -2.27 0.00	46.99 -2.63 0.00	46.46 -2.55 0.00	44.26 -2.43 0.00	45.62 -2.50 0.00	46.73 -2.36 0.00	52.23 -2.75 0.00	55.37 -3.33 -0.31	68.12 -3.43 0.00	66.24 -3.19 0.00	62.55 -2.95 0.00	55.62 -2.44 0.00	51.60 -2.43 0.00	50.21 -1.88 0.00	48.01 -1.84 0.00
STA_7___115KV_9TRANS 80674	41.25 -1.58 0.00	38.96 -1.67 0.00	37.70 -1.74 0.00	37.65 -1.73 0.00	38.68 -1.53 0.00	40.89 -1.97 0.00	46.38 -2.60 0.00	52.43 -2.76 0.00	48.93 -2.52 0.00	44.43 -2.00 0.00	47.29 -2.33 0.00	46.76 -2.25 0.00	44.54 -2.15 0.00	45.95 -2.17 0.00	47.07 -2.01 0.00	52.61 -2.36 0.00	55.78 -2.92 -0.31	68.69 -2.86 0.00	66.72 -2.71 0.00	63.01 -2.49 0.00	56.03 -2.03 0.00	51.92 -2.11 0.00	50.58 -1.51 0.00	48.31 -1.55 0.00
STA_82___115KV_TB1 80780	41.03 -1.80 0.00	38.76 -1.87 0.00	37.50 -1.93 0.00	37.45 -1.93 0.00	38.48 -1.73 0.00	40.67 -2.19 0.00	46.14 -2.84 0.00	52.04 -3.15 0.00	48.57 -2.88 0.00	44.10 -2.32 0.00	46.94 -2.68 0.00	46.41 -2.60 0.00	44.26 -2.43 0.00	45.57 -2.55 0.00	46.68 -2.41 0.00	52.17 -2.80 0.00	55.31 -3.39 -0.31	68.04 -3.51 0.00	66.17 -3.26 0.00	62.48 -3.01 0.00	55.57 -2.50 0.00	51.55 -2.49 0.00	50.21 -1.88 0.00	47.96 -1.89 0.00
STEEL___WIND 323596	39.75 -3.08 0.00	37.50 -3.13 0.00	36.43 -3.00 0.00	36.39 -2.99 0.00	37.40 -2.82 0.00	39.22 -3.64 0.00	44.08 -4.90 0.00	49.45 -5.74 0.00	46.26 -5.19 0.00	42.20 -4.22 0.00	44.51 -5.11 0.00	44.06 -4.95 0.00	42.11 -4.57 0.00	43.16 -4.96 0.00	44.37 -4.71 0.00	49.59 -5.39 0.00	52.25 -6.42 -0.29	64.61 -6.94 0.00	63.18 -6.25 0.00	59.86 -5.63 0.00	53.42 -4.65 0.00	49.55 -4.48 0.00	48.54 -3.54 0.00	46.66 -3.19 0.00
STEPHTWN_115KV_BK_2 55603	44.67 1.84 0.00	42.41 1.79 0.00	41.13 1.70 0.00	41.07 1.69 0.00	41.86 1.65 0.00	44.75 1.89 0.00	51.03 2.06 0.00	57.56 2.37 0.00	53.82 2.37 0.00	48.65 2.23 0.00	52.10 2.48 0.00	51.46 2.45 0.00	48.97 2.29 0.00	50.52 2.41 0.00	51.59 2.50 0.00	57.72 2.75 0.00	66.60 2.80 -5.41	74.70 3.15 0.00	72.55 3.12 0.00	68.44 2.95 0.00	60.73 2.67 0.00	56.57 2.54 0.00	54.48 2.40 0.00	52.24 2.39 0.00
STEBEN_REC_LFGE 323667	39.58 -3.26 0.00	37.42 -3.21 0.00	36.24 -3.19 0.00	36.27 -3.11 0.00	37.20 -3.02 0.00	39.30 -3.56 0.00	44.67 -4.31 0.00	50.50 -4.69 0.00	46.98 -4.48 0.00	42.29 -4.13 0.00	44.71 -4.91 0.00	44.11 -4.90 0.00	42.16 -4.53 0.00	43.36 -4.76 0.00	44.52 -4.56 0.00	50.08 -4.89 0.00	52.61 -5.25 0.52	66.25 -5.29 0.00	64.85 -4.58 0.00	61.30 -4.19 0.00	54.52 -3.54 0.00	50.47 -3.57 0.00	49.12 -2.97 0.00	47.11 -2.74 0.00
STILLWATER___SOLAR 323814	45.27 2.44 0.00	42.98 2.36 0.00	41.68 2.25 0.00	41.62 2.24 0.00	42.42 2.21 0.00	45.35 2.48 0.00	51.77 2.79 0.00	58.44 3.26 0.00	54.54 3.09 0.00	49.21 2.79 0.00	52.65 3.03 0.00	51.95 2.94 0.00	49.39 2.71 0.00	50.96 2.84 0.00	52.08 2.99 0.00	58.50 3.52 0.00	67.73 3.74 -5.60	75.99 4.44 0.00	73.88 4.45 0.00	69.56 4.06 0.00	61.72 3.66 0.00	57.38 3.35 0.00	55.27 3.18 0.00	52.89 3.04 0.00
STONY___BROOK 24151	46.27 3.43 -0.01	43.92 3.29 -0.01	42.68 3.23 -0.01	42.54 3.15 -0.01	43.44 3.22 -0.01	46.25 3.39 -0.01	56.16 4.06 -3.12	66.55 5.02 -6.34	56.22 4.73 -0.03	50.61 4.18 -0.01	54.15 4.41 -0.12	53.33 4.31 -0.01	51.62 4.29 -0.64	62.98 4.28 -10.58	68.15 4.51 -14.55	73.52 5.61 -12.94	94.35 6.25 -29.72	98.35 7.44 -19.36	97.62 7.29 -20.90	95.17 6.81 -22.86	90.26 6.04 -26.16	78.66 5.62 -19.01	68.91 4.74 -12.08	64.04 4.33 -9.86
STURGEON_POOL_HYD 23609	44.97 2.14 0.00	42.62 1.99 0.00	41.40 1.97 0.00	41.31 1.93 0.00	42.10 1.89 0.00	44.92 2.06 0.00	51.47 2.50 0.00	58.17 2.98 0.00	54.39 2.93 0.00	49.02 2.60 0.00	52.45 2.83 0.00	51.80 2.79 0.00	49.39 2.71 0.00	50.86 2.74 0.00	51.93 2.85 0.00	58.38 3.41 0.00	66.52 3.56 -4.57	76.20 4.65 0.00	73.80 4.37 0.00	69.62 4.13 0.00	61.60 3.54 0.00	57.49 3.46 0.00	55.11 3.02 0.00	52.69 2.84 0.00

ST_LAW_115_BK7_LBMP 345037	42.45 -0.39 0.00	40.34 -0.28 0.00	39.20 -0.24 0.00	39.18 -0.20 0.00	40.01 -0.20 0.00	42.60 -0.26 0.00	48.73 -0.24 0.00	54.97 -0.22 0.00	51.15 -0.31 0.00	46.05 -0.37 0.00	49.22 -0.40 0.00	48.57 -0.44 0.00	46.22 -0.47 0.00	47.59 -0.53 0.00	48.50 -0.59 0.00	54.21 -0.77 0.00	57.63 -0.76 0.00	70.55 -1.00 0.00	68.46 -0.97 0.00	64.64 -0.85 0.00	57.37 -0.69 0.00	53.49 -0.54 0.00	51.57 -0.52 0.00	49.35 -0.50 0.00
ST_LAW_115_BK8_LBMP 345038	42.45 -0.39 0.00	40.34 -0.28 0.00	39.20 -0.24 0.00	39.18 -0.20 0.00	40.01 -0.20 0.00	42.60 -0.26 0.00	48.73 -0.24 0.00	54.97 -0.22 0.00	51.15 -0.31 0.00	46.05 -0.37 0.00	49.22 -0.40 0.00	48.57 -0.44 0.00	46.22 -0.47 0.00	47.59 -0.53 0.00	48.50 -0.59 0.00	54.21 -0.77 0.00	57.63 -0.76 0.00	70.55 -1.00 0.00	68.46 -0.97 0.00	64.64 -0.85 0.00	57.37 -0.69 0.00	53.49 -0.54 0.00	51.57 -0.52 0.00	49.35 -0.50 0.00
ST_LAW_230_BK5_LBMP 345035	42.45 -0.39 0.00	40.34 -0.28 0.00	39.20 -0.24 0.00	39.18 -0.20 0.00	39.97 -0.24 0.00	42.60 -0.26 0.00	48.73 -0.24 0.00	54.97 -0.22 0.00	51.15 -0.31 0.00	46.05 -0.37 0.00	49.22 -0.40 0.00	48.57 -0.44 0.00	46.22 -0.47 0.00	47.59 -0.53 0.00	48.50 -0.59 0.00	54.26 -0.72 0.00	57.63 -0.76 0.00	70.62 -0.93 0.00	68.46 -0.97 0.00	64.64 -0.85 0.00	57.37 -0.69 0.00	53.49 -0.54 0.00	51.57 -0.52 0.00	49.35 -0.50 0.00
ST_LAW_230_BK6_LBMP 345036	42.45 -0.39 0.00	40.34 -0.28 0.00	39.20 -0.24 0.00	39.18 -0.20 0.00	39.97 -0.24 0.00	42.60 -0.26 0.00	48.73 -0.24 0.00	54.97 -0.22 0.00	51.15 -0.31 0.00	46.05 -0.37 0.00	49.22 -0.40 0.00	48.57 -0.44 0.00	46.22 -0.47 0.00	47.59 -0.53 0.00	48.50 -0.59 0.00	54.26 -0.72 0.00	57.63 -0.76 0.00	70.62 -0.93 0.00	68.46 -0.97 0.00	64.64 -0.85 0.00	57.37 -0.69 0.00	53.49 -0.54 0.00	51.57 -0.52 0.00	49.35 -0.50 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	44.76 1.93 0.00	42.41 1.79 0.00	41.21 1.77 0.00	41.07 1.69 0.00	41.90 1.69 0.00	44.75 1.89 0.00	51.28 2.30 0.00	58.06 2.87 0.00	54.28 2.83 0.00	48.93 2.51 0.00	52.35 2.73 0.00	51.71 2.70 0.00	49.30 2.61 0.00	50.81 2.69 0.00	51.88 2.80 0.00	58.27 3.30 0.00	66.12 3.56 -4.17	75.91 4.36 0.00	73.66 4.24 0.00	69.43 3.93 0.00	61.43 3.37 0.00	57.17 3.13 0.00	54.85 2.76 0.00	52.39 2.54 0.00
SWANROAD_115KV_TB1 355699	39.02 -3.81 0.00	36.81 -3.82 0.00	35.65 -3.79 0.00	35.44 -3.94 0.00	36.67 -3.54 0.00	38.27 -4.59 0.00	42.85 -6.12 0.00	48.12 -7.06 0.00	44.97 -6.48 0.00	41.08 -5.34 0.00	43.47 -6.15 0.00	43.03 -5.98 0.00	41.18 -5.51 0.00	42.20 -5.92 0.00	43.34 -5.74 0.00	48.38 -6.60 0.00	50.86 -7.82 -0.30	62.82 -8.73 0.00	61.31 -8.12 0.00	58.16 -7.34 0.00	51.97 -6.10 0.00	48.25 -5.78 0.00	47.40 -4.69 0.00	45.51 -4.34 0.00
SYNERGY___BIOGAS 323694	40.60 -2.23 0.00	38.27 -2.36 0.00	37.07 -2.37 0.00	36.94 -2.44 0.00	38.16 -2.05 0.00	40.03 -2.83 0.00	45.16 -3.82 0.00	50.99 -4.19 0.00	47.59 -3.86 0.00	43.27 -3.16 0.00	45.80 -3.82 0.00	45.33 -3.68 0.00	43.18 -3.50 0.00	44.46 -3.66 0.00	45.65 -3.44 0.00	50.96 -4.01 0.00	53.90 -4.79 -0.30	66.76 -4.79 0.00	65.05 -4.37 0.00	61.63 -3.86 0.00	54.93 -3.14 0.00	50.90 -3.13 0.00	49.80 -2.29 0.00	47.66 -2.19 0.00
SYRACUSE___ENERGY_ST1 323597	42.32 -0.51 0.00	40.10 -0.53 0.00	38.88 -0.55 0.00	38.87 -0.51 0.00	39.69 -0.52 0.00	42.30 -0.56 0.00	48.39 -0.59 0.00	54.36 -0.83 0.00	50.73 -0.72 0.00	45.77 -0.65 0.00	48.93 -0.69 0.00	48.37 -0.64 0.00	46.12 -0.56 0.00	47.54 -0.58 0.00	48.54 -0.54 0.00	54.43 -0.55 0.00	58.29 -0.64 -0.55	70.98 -0.57 0.00	68.87 -0.56 0.00	64.91 -0.59 0.00	57.48 -0.58 0.00	53.33 -0.70 0.00	51.52 -0.57 0.00	49.25 -0.60 0.00
SYRACUSE___ENERGY_ST2 323598	42.32 -0.51 0.00	40.10 -0.53 0.00	38.88 -0.55 0.00	38.87 -0.51 0.00	39.69 -0.52 0.00	42.30 -0.56 0.00	48.39 -0.59 0.00	54.36 -0.83 0.00	50.73 -0.72 0.00	45.77 -0.65 0.00	48.93 -0.69 0.00	48.37 -0.64 0.00	46.12 -0.56 0.00	47.54 -0.58 0.00	48.54 -0.54 0.00	54.43 -0.55 0.00	58.29 -0.64 -0.55	70.98 -0.57 0.00	68.87 -0.56 0.00	64.91 -0.59 0.00	57.48 -0.58 0.00	53.33 -0.70 0.00	51.52 -0.57 0.00	49.25 -0.60 0.00
SYRACUSE___POWER 24017	42.28 -0.56 0.00	40.06 -0.57 0.00	38.80 -0.63 0.00	38.79 -0.59 0.00	39.65 -0.56 0.00	42.26 -0.60 0.00	48.29 -0.69 0.00	54.31 -0.88 0.00	50.68 -0.77 0.00	45.73 -0.70 0.00	48.83 -0.79 0.00	48.27 -0.74 0.00	46.03 -0.65 0.00	47.45 -0.67 0.00	48.45 -0.64 0.00	54.32 -0.66 0.00	58.31 -0.70 -0.62	70.83 -0.72 0.00	68.80 -0.62 0.00	64.84 -0.65 0.00	57.42 -0.64 0.00	53.28 -0.76 0.00	51.46 -0.63 0.00	49.20 -0.65 0.00
TALLMAN_138KV_BK151 55660	44.93 2.10 0.00	42.62 1.99 0.00	41.37 1.93 0.00	41.27 1.89 0.00	42.10 1.89 0.00	44.96 2.10 0.00	51.57 2.60 0.00	58.44 3.26 0.00	54.64 3.19 0.00	49.26 2.83 0.00	52.75 3.13 0.00	52.10 3.09 0.00	49.67 2.99 0.00	51.15 3.03 0.00	52.22 3.14 0.00	58.66 3.68 0.00	66.70 4.03 -4.29	76.49 4.94 0.00	74.22 4.79 0.00	69.88 4.39 0.00	61.84 3.77 0.00	57.49 3.46 0.00	55.16 3.07 0.00	52.64 2.79 0.00
TEALLAVE_115KV_TB7 355573	42.10 -0.73 0.00	39.89 -0.73 0.00	38.68 -0.75 0.00	38.67 -0.71 0.00	39.49 -0.72 0.00	42.09 -0.77 0.00	48.09 -0.88 0.00	54.08 -1.10 0.00	50.42 -1.03 0.00	45.54 -0.88 0.00	48.63 -0.99 0.00	48.13 -0.88 0.00	45.89 -0.79 0.00	47.30 -0.82 0.00	48.25 -0.83 0.00	54.10 -0.88 0.00	57.81 -0.99 -0.42	70.48 -1.07 0.00	68.39 -1.04 0.00	64.45 -1.05 0.00	57.13 -0.93 0.00	53.06 -0.97 0.00	51.20 -0.89 0.00	48.95 -0.90 0.00
TELGRAPH_34_KV_EAST 80808	39.92 -2.91 0.00	37.62 -3.01 0.00	36.44 -3.00 0.00	36.31 -3.07 0.00	37.52 -2.69 0.00	39.30 -3.56 0.00	44.18 -4.80 0.00	49.72 -5.46 0.00	46.46 -4.99 0.00	42.34 -4.09 0.00	44.81 -4.81 0.00	44.35 -4.66 0.00	42.34 -4.34 0.00	43.50 -4.62 0.00	44.67 -4.42 0.00	49.86 -5.11 0.00	52.61 -6.07 -0.30	65.04 -6.51 0.00	63.46 -5.97 0.00	60.13 -5.37 0.00	53.65 -4.41 0.00	49.76 -4.27 0.00	48.81 -3.28 0.00	46.71 -3.14 0.00
TEMPLE___115KV_TB 2 55572	42.10 -0.73 0.00	39.89 -0.73 0.00	38.68 -0.75 0.00	38.67 -0.71 0.00	39.53 -0.68 0.00	42.09 -0.77 0.00	48.09 -0.88 0.00	54.08 -1.10 0.00	50.48 -0.98 0.00	45.54 -0.88 0.00	48.68 -0.94 0.00	48.13 -0.88 0.00	45.89 -0.79 0.00	47.30 -0.82 0.00	48.30 -0.79 0.00	54.15 -0.82 0.00	57.82 -0.99 -0.43	70.55 -1.00 0.00	68.46 -0.97 0.00	64.51 -0.98 0.00	57.13 -0.93 0.00	53.06 -0.97 0.00	51.20 -0.89 0.00	49.00 -0.85 0.00
TIANA____69_KV_BK 1 55817	46.48 3.64 -0.01	44.21 3.58 -0.01	42.95 3.51 -0.01	42.78 3.39 -0.01	43.68 3.46 -0.01	46.51 3.64 -0.01	56.44 4.36 -3.10	66.80 5.30 -6.31	56.38 4.89 -0.03	50.75 4.32 -0.01	54.35 4.61 -0.12	53.43 4.41 -0.01	51.66 4.34 -0.64	63.12 4.48 -10.53	68.32 4.76 -14.48	73.89 6.05 -12.87	94.57 6.60 -29.59	98.89 8.09 -19.26	98.14 7.91 -20.79	95.64 7.40 -22.74	90.41 6.33 -26.02	79.00 6.05 -18.91	69.11 5.00 -12.02	64.40 4.74 -9.81

TILDEN___115KV_TB1 80814	42.28 -0.56 0.00	40.06 -0.57 0.00	38.80 -0.63 0.00	38.79 -0.59 0.00	39.65 -0.56 0.00	42.26 -0.60 0.00	48.29 -0.69 0.00	54.31 -0.88 0.00	50.68 -0.77 0.00	45.73 -0.70 0.00	48.83 -0.79 0.00	48.27 -0.74 0.00	46.03 -0.65 0.00	47.45 -0.67 0.00	48.45 -0.64 0.00	54.32 -0.66 0.00	58.31 -0.70 -0.62	70.83 -0.72 0.00	68.80 -0.62 0.00	64.84 -0.65 0.00	57.42 -0.64 0.00	53.28 -0.76 0.00	51.46 -0.63 0.00	49.20 -0.65 0.00
TRIGEN___CC 323695	45.63 2.78 -0.02	43.32 2.68 -0.02	42.05 2.60 -0.02	42.04 2.64 -0.02	42.84 2.61 -0.02	45.66 2.79 -0.02	57.92 3.33 -5.62	70.80 4.19 -11.42	55.53 4.01 -0.06	50.11 3.67 -0.02	53.70 3.87 -0.21	52.85 3.82 -0.02	51.52 3.69 -1.15	70.88 3.71 -19.05	79.11 3.83 -26.20	82.88 4.62 -23.29	113.28 4.96 -49.93	112.26 5.94 -34.77	112.74 5.76 -37.55	111.94 5.37 -41.08	109.91 4.76 -47.09	92.63 4.38 -34.23	77.65 3.80 -21.76	71.09 3.49 -17.75
TRINITY___115KV___4 BK 55933	44.33 1.50 0.00	42.05 1.42 0.00	40.81 1.38 0.00	40.72 1.34 0.00	41.54 1.33 0.00	44.36 1.50 0.00	50.59 1.62 0.00	57.06 1.88 0.00	53.31 1.85 0.00	48.19 1.76 0.00	51.66 2.03 0.00	51.02 2.01 0.00	48.60 1.91 0.00	50.09 1.97 0.00	51.14 2.06 0.00	57.17 2.20 0.00	66.03 2.22 -5.42	73.91 2.36 0.00	71.79 2.36 0.00	67.79 2.29 0.00	60.15 2.09 0.00	56.03 2.00 0.00	53.96 1.88 0.00	51.75 1.89 0.00
UNION___PROCESSING_DRP 323587	41.03 -1.80 0.00	38.76 -1.87 0.00	37.50 -1.93 0.00	37.45 -1.93 0.00	38.52 -1.69 0.00	40.67 -2.19 0.00	46.14 -2.84 0.00	52.04 -3.15 0.00	48.57 -2.88 0.00	44.10 -2.32 0.00	46.94 -2.68 0.00	46.41 -2.60 0.00	44.26 -2.43 0.00	45.62 -2.50 0.00	46.68 -2.41 0.00	52.17 -2.80 0.00	55.37 -3.33 -0.31	68.04 -3.51 0.00	66.17 -3.26 0.00	62.48 -3.01 0.00	55.57 -2.50 0.00	51.55 -2.49 0.00	50.21 -1.88 0.00	47.96 -1.89 0.00
UPPER HUDSON___HYD 24058	45.75 2.91 0.00	43.47 2.84 0.00	42.12 2.68 0.00	42.10 2.72 0.00	42.91 2.69 0.00	45.90 3.04 0.00	52.35 3.38 0.00	59.22 4.03 0.00	55.26 3.81 0.00	49.86 3.44 0.00	53.35 3.72 0.00	52.59 3.58 0.00	49.95 3.27 0.00	51.44 3.32 0.00	52.62 3.54 0.00	59.10 4.13 0.00	68.40 4.38 -5.63	76.84 5.29 0.00	74.78 5.35 0.00	70.34 4.85 0.00	62.53 4.47 0.00	58.03 4.00 0.00	56.00 3.91 0.00	53.59 3.74 0.00
UPPER RAQUET___HYD 24056	42.62 -0.21 0.00	40.63 0.00 0.00	39.51 0.08 0.00	39.50 0.12 0.00	40.29 0.08 0.00	42.77 -0.09 0.00	48.88 -0.10 0.00	55.30 0.11 0.00	51.35 -0.10 0.00	46.10 -0.32 0.00	49.38 -0.25 0.00	48.67 -0.34 0.00	46.22 -0.47 0.00	47.68 -0.43 0.00	48.30 -0.79 0.00	53.77 -1.21 0.00	56.98 -1.40 0.00	69.91 -1.64 0.00	67.76 -1.67 0.00	64.05 -1.44 0.00	56.90 -1.16 0.00	53.33 -0.70 0.00	51.52 -0.57 0.00	49.50 -0.35 0.00
VALLEY44_115KV_TB2 355964	39.96 -2.87 0.00	37.70 -2.93 0.00	36.59 -2.84 0.00	36.62 -2.76 0.00	37.68 -2.53 0.00	39.60 -3.26 0.00	44.81 -4.16 0.00	50.17 -5.02 0.00	46.72 -4.73 0.00	42.38 -4.04 0.00	44.81 -4.81 0.00	44.31 -4.70 0.00	42.44 -4.25 0.00	43.45 -4.67 0.00	44.67 -4.42 0.00	50.08 -4.89 0.00	52.88 -5.78 -0.28	65.61 -5.94 0.00	64.15 -5.28 0.00	60.65 -4.85 0.00	54.06 -4.01 0.00	50.03 -4.00 0.00	48.75 -3.33 0.00	47.01 -2.84 0.00
VALLEY___115KV_TB 1-4 80826	44.59 1.76 0.00	42.29 1.67 0.00	40.97 1.54 0.00	40.92 1.54 0.00	41.82 1.61 0.00	44.57 1.71 0.00	50.89 1.91 0.00	57.34 2.15 0.00	53.46 2.01 0.00	48.23 1.81 0.00	51.56 1.94 0.00	50.87 1.86 0.00	48.37 1.68 0.00	49.95 1.83 0.00	50.95 1.87 0.00	57.06 2.09 0.00	60.66 2.28 0.00	74.27 2.72 0.00	72.07 2.64 0.00	68.05 2.55 0.00	60.39 2.32 0.00	56.19 2.16 0.00	54.22 2.14 0.00	51.90 2.04 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	44.42 1.58 0.00	42.09 1.46 0.00	40.81 1.38 0.00	40.76 1.38 0.00	41.54 1.33 0.00	44.36 1.50 0.00	50.64 1.67 0.00	57.40 2.21 0.00	53.67 2.21 0.00	48.56 2.14 0.00	51.96 2.33 0.00	51.31 2.30 0.00	48.65 1.96 0.00	50.38 2.26 0.00	51.49 2.41 0.00	57.78 2.80 0.00	63.45 3.09 -1.97	75.34 3.79 0.00	72.83 3.40 0.00	68.84 3.34 0.00	61.08 3.02 0.00	56.68 2.65 0.00	54.59 2.50 0.00	52.24 2.39 0.00
VISCHER___FERRY HYD 24020	44.80 1.97 0.00	42.54 1.91 0.00	41.25 1.81 0.00	41.15 1.77 0.00	42.02 1.81 0.00	44.87 2.01 0.00	51.23 2.25 0.00	57.84 2.65 0.00	53.97 2.52 0.00	48.74 2.32 0.00	52.20 2.58 0.00	51.56 2.55 0.00	49.11 2.43 0.00	50.62 2.50 0.00	51.68 2.60 0.00	57.89 2.91 0.00	66.99 3.09 -5.51	75.20 3.65 0.00	73.04 3.61 0.00	68.83 3.34 0.00	61.02 2.96 0.00	56.79 2.75 0.00	54.69 2.60 0.00	52.29 2.44 0.00
V_A_10_SYNC_DSASP 323832	39.83 -3.00 0.00	37.62 -3.01 0.00	36.44 -3.00 0.00	36.35 -3.03 0.00	37.40 -2.81 0.00	39.35 -3.51 0.00	44.27 -4.70 0.00	49.78 -5.41 0.00	46.51 -4.94 0.00	42.38 -4.04 0.00	44.96 -4.66 0.00	44.50 -4.51 0.00	42.53 -4.15 0.00	43.64 -4.48 0.00	44.76 -4.32 0.00	49.97 -5.00 0.00	52.73 -5.96 -0.30	64.97 -6.58 0.00	63.25 -6.18 0.00	59.93 -5.57 0.00	53.42 -4.65 0.00	49.60 -4.43 0.00	48.55 -3.54 0.00	46.51 -3.34 0.00
V_CMM_10_SYNC_DSASP 323787	42.66 -0.17 0.00	40.50 -0.12 0.00	39.39 -0.04 0.00	39.38 0.00 0.00	40.17 -0.04 0.00	42.77 -0.09 0.00	48.98 0.00 0.00	55.24 0.06 0.00	51.40 -0.05 0.00	46.28 -0.14 0.00	49.47 -0.15 0.00	48.81 -0.20 0.00	46.45 -0.23 0.00	47.83 -0.29 0.00	48.74 -0.34 0.00	54.48 -0.49 0.00	57.86 -0.53 0.00	70.91 -0.64 0.00	68.73 -0.69 0.00	64.91 -0.59 0.00	57.66 -0.41 0.00	53.76 -0.27 0.00	51.83 -0.26 0.00	49.65 -0.20 0.00
V_CMP_10_SYNC_DSASP 323788	42.70 -0.13 0.00	40.59 -0.04 0.00	39.55 0.12 0.00	39.54 0.16 0.00	40.37 0.16 0.00	43.03 0.17 0.00	49.27 0.29 0.00	55.63 0.44 0.00	51.61 0.15 0.00	46.33 -0.09 0.00	49.42 -0.20 0.00	48.67 -0.34 0.00	46.26 -0.42 0.00	47.59 -0.53 0.00	48.40 -0.69 0.00	54.04 -0.93 0.00	57.45 -0.93 0.00	70.33 -1.22 0.00	68.18 -1.25 0.00	64.45 -1.05 0.00	57.19 -0.87 0.00	53.38 -0.65 0.00	51.46 -0.63 0.00	49.25 -0.60 0.00
V_D_10_SYNC_DSASP 323841	42.92 0.09 0.00	40.79 0.16 0.00	39.67 0.24 0.00	39.66 0.28 0.00	40.49 0.28 0.00	43.07 0.21 0.00	49.27 0.29 0.00	55.69 0.50 0.00	51.76 0.31 0.00	46.56 0.14 0.00	49.77 0.15 0.00	49.11 0.10 0.00	46.73 0.05 0.00	48.12 0.00 0.00	48.99 -0.10 0.00	54.76 -0.22 0.00	58.15 -0.23 0.00	71.26 -0.29 0.00	69.08 -0.35 0.00	65.30 -0.20 0.00	58.00 -0.06 0.00	54.14 0.11 0.00	52.19 0.10 0.00	50.00 0.15 0.00
V_E_10_SYNC_DSASP 323830	44.46 1.63 0.00	42.13 1.50 0.00	40.77 1.34 0.00	40.76 1.38 0.00	41.54 1.33 0.00	44.36 1.50 0.00	50.45 1.47 0.00	57.45 2.26 0.00	53.41 1.96 0.00	48.14 1.72 0.00	51.16 1.54 0.00	50.58 1.57 0.00	47.85 1.17 0.00	49.71 1.59 0.00	51.24 2.16 0.00	57.72 2.75 0.00	63.83 3.44 -2.00	76.20 4.65 0.00	73.66 4.24 0.00	69.62 4.13 0.00	61.89 3.83 0.00	57.06 3.03 0.00	55.01 2.92 0.00	52.64 2.79 0.00

V_F_30_NSYNC___DSASP 323816	45.27 2.44 0.00	43.02 2.40 0.00	41.68 2.25 0.00	41.63 2.24 0.00	42.46 2.25 0.00	45.39 2.53 0.00	51.77 2.79 0.00	58.50 3.31 0.00	54.54 3.09 0.00	49.26 2.83 0.00	52.70 3.08 0.00	52.00 2.99 0.00	49.44 2.75 0.00	51.01 2.89 0.00	52.13 3.04 0.00	58.49 3.52 0.00	67.74 3.74 -5.62	76.06 4.51 0.00	73.94 4.51 0.00	69.62 4.13 0.00	61.72 3.66 0.00	57.38 3.35 0.00	55.32 3.23 0.00	52.94 3.09 0.00
V_F_30_SYNC_DSASP 323786	44.50 1.67 0.00	42.21 1.58 0.00	40.97 1.54 0.00	40.88 1.50 0.00	41.70 1.49 0.00	44.53 1.67 0.00	50.79 1.81 0.00	57.29 2.10 0.00	53.56 2.11 0.00	48.42 2.00 0.00	51.91 2.28 0.00	51.26 2.25 0.00	48.83 2.15 0.00	50.33 2.21 0.00	51.39 2.31 0.00	57.45 2.47 0.00	66.33 2.51 -5.43	74.27 2.72 0.00	72.07 2.64 0.00	68.05 2.55 0.00	60.39 2.32 0.00	56.25 2.22 0.00	54.22 2.14 0.00	51.95 2.09 0.00
V_XM_10_SYNC_DSASP 323789	42.70 -0.13 0.00	40.59 -0.04 0.00	39.55 0.12 0.00	39.54 0.16 0.00	40.37 0.16 0.00	43.03 0.17 0.00	49.27 0.29 0.00	55.63 0.44 0.00	51.61 0.15 0.00	46.33 -0.09 0.00	49.42 -0.20 0.00	48.67 -0.34 0.00	46.26 -0.42 0.00	47.59 -0.53 0.00	48.40 -0.69 0.00	54.04 -0.93 0.00	57.45 -0.93 0.00	70.33 -1.22 0.00	68.18 -1.25 0.00	64.45 -1.05 0.00	57.19 -0.87 0.00	53.38 -0.65 0.00	51.46 -0.63 0.00	49.25 -0.60 0.00
W.BABYLN_69_KV_BK1 56697	46.57 3.73 -0.01	44.21 3.58 -0.01	42.91 3.47 -0.01	42.78 3.39 -0.01	43.68 3.46 -0.01	46.60 3.73 -0.01	56.94 4.51 -3.46	67.74 5.52 -7.03	56.64 5.15 -0.04	50.98 4.55 -0.01	54.62 4.86 -0.13	53.72 4.70 -0.01	51.97 4.58 -0.71	64.47 4.62 -11.73	70.02 4.81 -16.13	75.36 6.05 -14.33	97.37 6.54 -32.45	100.47 7.51 -21.41	99.91 7.36 -23.12	97.99 7.20 -25.29	93.43 6.39 -28.99	80.99 5.89 -21.07	70.48 5.00 -13.39	65.41 4.64 -10.92
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	45.14 2.31 0.00	42.78 2.15 0.00	41.56 2.13 0.00	41.43 2.05 0.00	42.26 2.05 0.00	45.13 2.27 0.00	51.82 2.84 0.00	58.72 3.53 0.00	54.85 3.40 0.00	49.49 3.06 0.00	52.95 3.32 0.00	52.34 3.33 0.00	49.91 3.22 0.00	51.39 3.27 0.00	52.47 3.39 0.00	58.99 4.01 0.00	67.03 4.32 -4.32	76.84 5.29 0.00	74.57 5.14 0.00	70.21 4.72 0.00	62.13 4.06 0.00	57.81 3.78 0.00	55.42 3.33 0.00	52.89 3.04 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	45.32 2.48 0.00	43.02 2.40 0.00	41.76 2.33 0.00	41.59 2.21 0.00	42.46 2.25 0.00	45.35 2.49 0.00	52.11 3.13 0.00	59.22 4.03 0.00	55.36 3.91 0.00	50.00 3.57 0.00	53.49 3.87 0.00	52.88 3.73 0.00	50.93 3.73 -0.51	51.82 3.71 0.00	53.33 3.88 -0.37	59.45 4.45 -0.02	68.07 4.90 -4.78	77.90 6.01 -0.34	75.47 5.83 -0.21	70.80 5.31 0.00	62.53 4.47 0.00	58.14 4.11 0.00	55.73 3.65 0.00	53.14 3.29 0.00
W50THST__13_KV_LOAD 356117	45.49 2.66 0.00	43.14 2.52 0.00	41.88 2.44 0.00	41.74 2.36 0.00	42.58 2.37 0.00	45.47 2.61 0.00	52.26 3.28 0.00	59.44 4.25 0.00	55.67 4.22 0.00	50.28 3.85 0.00	53.79 4.17 0.00	53.18 4.17 0.00	51.21 4.01 -0.51	52.11 3.99 0.00	53.62 4.17 -0.37	59.78 4.78 -0.02	68.42 5.25 -4.78	78.33 6.44 -0.34	75.89 6.25 -0.21	71.13 5.63 0.00	62.77 4.70 0.00	58.35 4.32 0.00	55.94 3.85 0.00	53.29 3.44 0.00
WADING RIVER_IC_1 23522	46.39 3.55 -0.01	44.09 3.45 -0.01	42.87 3.43 -0.01	42.70 3.31 -0.01	43.64 3.42 -0.01	46.42 3.56 -0.01	56.29 4.21 -3.10	66.68 5.19 -6.31	56.27 4.79 -0.03	50.61 4.18 -0.01	54.21 4.47 -0.12	53.33 4.31 -0.01	51.61 4.29 -0.63	62.98 4.33 -10.53	68.17 4.61 -14.47	73.56 5.72 -12.86	94.38 6.42 -29.58	98.60 7.80 -19.25	97.85 7.64 -20.78	95.37 7.14 -22.73	90.17 6.09 -26.01	78.83 5.89 -18.91	69.06 4.95 -12.02	64.24 4.58 -9.80
WADING RIVER_IC_2 23547	46.39 3.55 -0.01	44.09 3.45 -0.01	42.87 3.43 -0.01	42.70 3.31 -0.01	43.64 3.42 -0.01	46.42 3.56 -0.01	56.29 4.21 -3.10	66.68 5.19 -6.31	56.27 4.79 -0.03	50.61 4.18 -0.01	54.21 4.47 -0.12	53.33 4.31 -0.01	51.61 4.29 -0.63	62.98 4.33 -10.53	68.17 4.61 -14.47	73.56 5.72 -12.86	94.38 6.42 -29.58	98.60 7.80 -19.25	97.85 7.64 -20.78	95.37 7.14 -22.73	90.17 6.09 -26.01	78.83 5.89 -18.91	69.06 4.95 -12.02	64.24 4.58 -9.80
WADING RIVER_IC_3 23601	46.39 3.55 -0.01	44.09 3.45 -0.01	42.87 3.43 -0.01	42.70 3.31 -0.01	43.64 3.42 -0.01	46.42 3.56 -0.01	56.29 4.21 -3.10	66.68 5.19 -6.31	56.27 4.79 -0.03	50.61 4.18 -0.01	54.21 4.47 -0.12	53.33 4.31 -0.01	51.61 4.29 -0.63	62.98 4.33 -10.53	68.17 4.61 -14.47	73.56 5.72 -12.86	94.38 6.42 -29.58	98.60 7.80 -19.25	97.85 7.64 -20.78	95.37 7.14 -22.73	90.17 6.09 -26.01	78.83 5.89 -18.91	69.06 4.95 -12.02	64.24 4.58 -9.80
WALDENNY_12_KV_BK2 80841	39.79 -3.04 0.00	37.50 -3.13 0.00	36.40 -3.04 0.00	36.31 -3.07 0.00	37.44 -2.77 0.00	39.22 -3.64 0.00	44.03 -4.95 0.00	49.39 -5.79 0.00	46.21 -5.25 0.00	42.11 -4.32 0.00	44.56 -5.06 0.00	44.06 -4.95 0.00	42.16 -4.53 0.00	43.21 -4.91 0.00	44.42 -4.66 0.00	49.64 -5.33 0.00	52.31 -6.36 -0.29	64.68 -6.87 0.00	63.18 -6.25 0.00	59.86 -5.63 0.00	53.48 -4.59 0.00	49.60 -4.43 0.00	48.60 -3.49 0.00	46.66 -3.19 0.00
WALDEN___HYDRO 24148	44.97 2.14 0.00	42.62 1.99 0.00	41.40 1.97 0.00	41.27 1.89 0.00	42.10 1.89 0.00	44.96 2.10 0.00	51.52 2.55 0.00	58.28 3.09 0.00	54.49 3.04 0.00	49.12 2.69 0.00	52.55 2.93 0.00	51.90 2.89 0.00	49.49 2.80 0.00	50.96 2.84 0.00	52.03 2.94 0.00	58.49 3.52 0.00	66.56 3.85 -4.32	76.27 4.72 0.00	73.94 4.51 0.00	69.75 4.26 0.00	61.72 3.66 0.00	57.49 3.46 0.00	55.16 3.07 0.00	52.69 2.84 0.00
WARRENSBURG____ 23737	45.74 2.91 0.00	43.47 2.84 0.00	42.11 2.68 0.00	42.10 2.72 0.00	42.91 2.69 0.00	45.90 3.04 0.00	52.40 3.43 0.00	59.22 4.03 0.00	55.26 3.81 0.00	49.86 3.44 0.00	53.34 3.72 0.00	52.59 3.58 0.00	49.95 3.27 0.00	51.44 3.32 0.00	52.62 3.53 0.00	59.10 4.12 0.00	68.40 4.38 -5.63	76.84 5.29 0.00	74.78 5.35 0.00	70.34 4.85 0.00	62.53 4.47 0.00	58.03 4.00 0.00	55.99 3.91 0.00	53.59 3.74 0.00
WATERSIDE___6 8 9 23538	45.62 2.78 -0.01	43.31 2.68 -0.01	42.04 2.60 -0.01	41.91 2.52 -0.01	42.75 2.53 -0.01	45.61 2.74 -0.01	52.31 3.33 0.00	59.44 4.25 0.00	55.47 4.01 0.00	50.04 3.62 0.00	53.59 3.97 0.00	52.93 3.92 0.00	60.34 3.69 -9.96	51.97 3.85 0.00	60.13 3.83 -7.22	59.99 4.56 -0.45	73.89 4.73 -10.77	84.04 5.72 -6.77	79.18 5.55 -4.19	70.88 5.37 -0.02	62.77 4.70 0.00	58.41 4.38 0.00	56.05 3.96 0.00	53.50 3.64 -0.01
WATKINRD_115KV_LN8_ILLION 55919	44.16 1.33 0.00	41.84 1.22 0.00	40.62 1.18 0.00	40.52 1.14 0.00	41.42 1.21 0.00	44.15 1.29 0.00	50.40 1.42 0.00	56.84 1.66 0.00	52.95 1.49 0.00	47.82 1.39 0.00	51.06 1.44 0.00	50.43 1.42 0.00	47.99 1.31 0.00	49.51 1.40 0.00	50.51 1.42 0.00	56.57 1.59 0.00	60.14 1.75 0.00	73.62 2.07 0.00	71.44 2.01 0.00	67.46 1.96 0.00	59.86 1.80 0.00	55.65 1.62 0.00	53.70 1.61 0.00	51.40 1.55 0.00

WDELAWARE___HYD 323627	45.19 2.35 0.00	42.82 2.19 0.00	41.60 2.17 0.00	41.51 2.13 0.00	42.34 2.13 0.00	45.17 2.31 0.00	51.72 2.74 0.00	58.39 3.20 0.00	54.59 3.14 0.00	49.16 2.74 0.00	52.50 2.88 0.00	51.85 2.84 0.00	49.44 2.75 0.00	50.96 2.84 0.00	52.08 2.99 0.00	58.66 3.68 0.00	66.60 4.15 -4.07	76.77 5.22 0.00	74.29 4.86 0.00	70.08 4.58 0.00	62.07 4.00 0.00	57.92 3.89 0.00	55.53 3.44 0.00	53.04 3.19 0.00
WEST BABYLON___IC 23714	46.57 3.73 -0.01	44.21 3.58 -0.01	42.91 3.47 -0.01	42.78 3.39 -0.01	43.68 3.46 -0.01	46.60 3.73 -0.01	56.94 4.51 -3.46	67.74 5.52 -7.03	56.64 5.15 -0.04	50.98 4.55 -0.01	54.62 4.86 -0.13	53.72 4.70 -0.01	51.97 4.58 -0.71	64.47 4.62 -11.73	70.02 4.81 -16.13	75.36 6.05 -14.33	97.37 6.54 -32.45	100.47 7.51 -21.41	99.91 7.36 -23.12	97.99 7.20 -25.29	93.43 6.39 -28.99	80.99 5.89 -21.07	70.48 5.00 -13.39	65.41 4.64 -10.92
WEST CANADA___HYD 24049	43.09 0.26 0.00	40.87 0.25 0.00	39.63 0.20 0.00	39.58 0.20 0.00	40.41 0.20 0.00	43.08 0.22 0.00	49.17 0.20 0.00	55.47 0.28 0.00	51.71 0.26 0.00	46.70 0.28 0.00	49.92 0.30 0.00	49.31 0.30 0.00	46.97 0.28 0.00	48.41 0.29 0.00	49.43 0.35 0.00	55.36 0.39 0.00	58.80 0.41 0.00	71.98 0.43 0.00	69.85 0.42 0.00	65.89 0.40 0.00	58.41 0.35 0.00	54.36 0.33 0.00	52.40 0.31 0.00	50.15 0.30 0.00
WESTERN_NY_WIND 24143	40.52 -2.31 0.00	38.23 -2.40 0.00	36.99 -2.44 0.00	36.90 -2.48 0.00	38.08 -2.13 0.00	39.95 -2.91 0.00	45.06 -3.92 0.00	50.88 -4.30 0.00	47.49 -3.96 0.00	43.17 -3.25 0.00	45.70 -3.92 0.00	45.19 -3.82 0.00	43.09 -3.59 0.00	44.32 -3.80 0.00	45.55 -3.53 0.00	50.85 -4.12 0.00	53.78 -4.90 -0.30	66.54 -5.01 0.00	64.92 -4.51 0.00	61.44 -4.06 0.00	54.81 -3.25 0.00	50.74 -3.30 0.00	49.69 -2.40 0.00	47.56 -2.29 0.00
WESTOVER___LESR 323668	42.36 -0.47 0.00	40.10 -0.53 0.00	38.88 -0.55 0.00	38.87 -0.51 0.00	39.73 -0.48 0.00	42.26 -0.60 0.00	48.24 -0.73 0.00	54.36 -0.83 0.00	50.68 -0.77 0.00	45.77 -0.65 0.00	48.78 -0.84 0.00	48.23 -0.78 0.00	46.03 -0.65 0.00	47.40 -0.72 0.00	48.45 -0.64 0.00	54.37 -0.60 0.00	58.83 -0.76 -1.20	70.98 -0.57 0.00	69.01 -0.42 0.00	65.10 -0.39 0.00	57.71 -0.35 0.00	53.55 -0.49 0.00	51.72 -0.36 0.00	49.55 -0.30 0.00
WETHRSFD_WT_PWR 323626	39.23 -3.60 0.00	37.09 -3.53 0.00	36.00 -3.43 0.00	35.95 -3.43 0.00	36.92 -3.30 0.00	38.83 -4.03 0.00	43.78 -5.19 0.00	49.23 -5.96 0.00	45.90 -5.56 0.00	41.69 -4.74 0.00	44.02 -5.61 0.00	43.52 -5.49 0.00	41.60 -5.09 0.00	42.68 -5.44 0.00	43.83 -5.25 0.00	49.26 -5.72 0.00	52.17 -6.42 -0.21	64.61 -6.94 0.00	63.18 -6.25 0.00	59.80 -5.70 0.00	53.30 -4.76 0.00	49.44 -4.59 0.00	48.29 -3.80 0.00	46.36 -3.49 0.00
WHAVSTOR_138KV_BK127 55557	44.93 2.10 0.00	42.62 1.99 0.00	41.37 1.93 0.00	41.27 1.89 0.00	42.10 1.89 0.00	44.96 2.10 0.00	51.57 2.60 0.00	58.44 3.26 0.00	54.59 3.14 0.00	49.26 2.83 0.00	52.75 3.13 0.00	52.10 3.09 0.00	49.67 2.99 0.00	51.15 3.03 0.00	52.22 3.14 0.00	58.66 3.68 0.00	66.68 3.97 -4.33	76.49 4.94 0.00	74.15 4.72 0.00	69.88 4.39 0.00	61.84 3.77 0.00	57.49 3.46 0.00	55.16 3.07 0.00	52.64 2.79 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	44.93 2.10 0.00	42.62 1.99 0.00	41.37 1.93 0.00	41.27 1.89 0.00	42.10 1.89 0.00	44.96 2.10 0.00	51.57 2.60 0.00	58.44 3.26 0.00	54.59 3.14 0.00	49.26 2.83 0.00	52.75 3.13 0.00	52.10 3.09 0.00	49.67 2.99 0.00	51.15 3.03 0.00	52.22 3.14 0.00	58.66 3.68 0.00	66.68 3.97 -4.33	76.49 4.94 0.00	74.15 4.72 0.00	69.88 4.39 0.00	61.84 3.77 0.00	57.49 3.46 0.00	55.16 3.07 0.00	52.64 2.79 0.00
WHITEHAL_115KV_TB1 80871	46.56 3.73 0.00	44.28 3.66 0.00	42.86 3.43 0.00	42.85 3.47 0.00	43.67 3.46 0.00	46.76 3.90 0.00	53.33 4.36 0.00	60.32 5.13 0.00	56.19 4.73 0.00	50.69 4.27 0.00	54.19 4.57 0.00	53.37 4.36 0.00	50.61 3.92 0.00	52.21 4.09 0.00	53.40 4.32 0.00	60.09 5.11 0.00	69.50 5.49 -5.63	78.35 6.80 0.00	76.37 6.94 0.00	71.78 6.29 0.00	63.75 5.69 0.00	59.16 5.13 0.00	57.04 4.95 0.00	54.59 4.74 0.00
WHITEPLN_13_KV_LOAD 356215	45.49 2.66 0.00	43.14 2.52 0.00	41.88 2.44 0.00	41.78 2.40 0.00	42.58 2.37 0.00	45.47 2.61 0.00	52.16 3.18 0.00	59.22 4.03 0.00	55.36 3.91 0.00	50.00 3.57 0.00	53.54 3.92 0.00	52.93 3.92 0.00	50.42 3.73 0.00	51.87 3.75 0.00	52.96 3.88 0.00	59.54 4.56 0.00	67.74 4.90 -4.45	77.70 6.15 0.00	75.40 5.97 0.00	70.93 5.44 0.00	62.71 4.65 0.00	58.30 4.27 0.00	55.89 3.80 0.00	53.34 3.49 0.00
WM_FLOYD_69_KV_BK2 356380	46.35 3.51 -0.01	44.09 3.45 -0.01	42.83 3.39 -0.01	42.70 3.31 -0.01	43.56 3.34 -0.01	46.38 3.51 -0.01	56.35 4.26 -3.11	66.75 5.24 -6.32	56.33 4.84 -0.03	50.66 4.22 -0.01	54.25 4.52 -0.12	53.28 4.26 -0.01	51.52 4.20 -0.64	63.00 4.33 -10.55	68.16 4.56 -14.51	73.75 5.88 -12.90	94.39 6.36 -29.64	98.57 7.73 -19.30	97.83 7.57 -20.84	95.36 7.07 -22.79	90.35 6.21 -26.08	78.82 5.84 -18.95	69.03 4.90 -12.05	64.22 4.54 -9.83
WOODARD___115KV_TB2 355635	42.10 -0.73 0.00	39.89 -0.73 0.00	38.68 -0.75 0.00	38.63 -0.75 0.00	39.49 -0.72 0.00	42.05 -0.81 0.00	48.05 -0.93 0.00	54.03 -1.16 0.00	50.37 -1.08 0.00	45.50 -0.93 0.00	48.58 -1.04 0.00	48.03 -0.98 0.00	45.84 -0.84 0.00	47.20 -0.91 0.00	48.20 -0.88 0.00	54.04 -0.93 0.00	57.75 -1.05 -0.42	70.40 -1.14 0.00	68.32 -1.11 0.00	64.38 -1.11 0.00	57.02 -1.05 0.00	53.01 -1.03 0.00	51.15 -0.94 0.00	48.90 -0.95 0.00
WOODMERE_69_KV_BK1 55827	46.23 3.38 -0.02	43.85 3.21 -0.02	42.56 3.12 -0.02	42.51 3.11 -0.02	43.36 3.14 -0.02	46.22 3.34 -0.02	58.16 3.87 -5.31	70.73 4.75 -10.80	56.14 4.63 -0.06	50.66 4.22 -0.02	54.29 4.47 -0.20	53.53 4.51 -0.02	52.02 4.25 -1.09	70.47 4.33 -18.02	78.38 4.52 -24.78	82.44 5.44 -22.03	111.63 5.78 -47.47	111.45 7.01 -32.89	111.82 6.87 -35.52	110.70 6.35 -38.85	108.17 5.57 -44.54	91.54 5.13 -32.37	77.20 4.53 -20.58	70.78 4.14 -16.79
YORK___WARBASSE 23770	45.84 3.00 -0.01	43.40 2.76 -0.01	42.12 2.68 -0.01	41.99 2.60 -0.01	42.83 2.61 -0.01	45.78 2.91 -0.01	52.45 3.48 0.00	59.44 4.25 0.00	55.42 3.96 0.00	50.00 3.57 0.00	53.54 3.92 0.00	52.88 3.87 0.00	60.05 3.45 -9.91	51.92 3.80 0.00	59.84 3.58 -7.18	59.99 4.56 -0.45	73.60 4.44 -10.77	83.72 5.44 -6.73	78.88 5.28 -4.17	71.01 5.50 -0.02	62.82 4.76 0.00	58.57 4.54 0.00	56.36 4.27 0.00	53.75 3.89 -0.01