

# Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion								11/25/2025		
Generator Data																												
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	EST	48.74	45.37	45.26	44.55	46.00	47.62	63.00	74.17	72.61	68.97	67.12	66.79	68.03	68.90	72.72	78.98	83.30	87.66	79.00	71.75	66.88	60.58	52.76	47.44			
		2.85	2.65	2.48	2.28	2.32	2.70	3.96	4.46	4.69	4.66	4.45	4.35	4.37	4.49	4.63	4.82	5.60	5.89	5.10	4.57	4.26	3.88	3.17	2.73			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.52	-0.07	-0.30	-0.39	-0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.47	0.00	0.00		
74TH STREET_GT_1 24260		48.83	45.41	45.30	44.59	46.05	47.66	63.06	74.24	72.63	78.58	68.40	72.24	75.14	74.33	72.67	78.99	83.30	87.67	79.15	71.90	66.96	60.66	52.86	47.48			
		2.94	2.69	2.52	2.32	2.36	2.74	4.01	4.53	4.69	4.59	4.38	4.23	4.30	4.42	4.56	4.82	5.60	5.89	5.25	4.70	4.32	3.94	3.27	2.77			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-10.19	-1.41	-5.88	-7.56	-5.79	-0.02	-0.02	0.00	-0.02	0.00	-0.02	-0.02	-0.48	0.00	0.00		
74TH STREET_GT_2 24261		48.83	45.41	45.30	44.59	46.05	47.66	63.06	74.24	72.63	78.58	68.40	72.24	75.14	74.33	72.67	78.99	83.30	87.67	79.15	71.90	66.96	60.66	52.86	47.48			
		2.94	2.69	2.52	2.32	2.36	2.74	4.01	4.53	4.69	4.59	4.38	4.23	4.30	4.42	4.56	4.82	5.60	5.89	5.25	4.70	4.32	3.94	3.27	2.77			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-10.19	-1.41	-5.88	-7.56	-5.79	-0.02	-0.02	0.00	-0.02	0.00	-0.02	-0.02	-0.48	0.00	0.00		
ADK HUDSON___FALLS 24011		49.15	45.67	45.77	45.22	46.74	48.25	62.35	73.33	71.39	66.60	65.49	64.68	65.93	66.81	70.74	77.12	81.05	85.53	77.52	70.14	66.00	60.83	53.11	47.71			
		3.26	2.95	2.99	2.96	3.06	3.32	3.31	3.62	3.46	2.81	2.88	2.55	2.66	2.69	2.66	2.97	3.34	3.76	3.62	2.96	3.38	3.99	3.52	3.00			
		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	-0.60	0.00	0.00			
ADK RESOURCE___RCVRY 23798		49.34	45.84	45.94	45.39	46.92	48.43	62.53	73.54	71.52	66.73	65.61	64.75	65.99	66.75	70.74	77.20	81.12	85.70	77.67	70.34	66.19	61.11	53.31	47.89			
		3.44	3.12	3.17	3.13	3.23	3.51	3.48	3.83	3.60	2.94	3.01	2.61	2.72	2.63	2.65	3.04	3.42	3.92	3.77	3.16	3.57	4.27	3.72	3.17			
		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	-0.60	0.00	0.00			
ADK S GLENS___FALLS 24028		49.15	45.67	45.77	45.22	46.74	48.25	62.35	73.33	71.39	66.60	65.49	64.68	65.93	66.81	70.74	77.12	81.05	85.53	77.52	70.14	66.00	60.83	53.11	47.71			
		3.26	2.95	2.99	2.96	3.06	3.32	3.31	3.62	3.46	2.81	2.88	2.55	2.66	2.69	2.66	2.97	3.34	3.76	3.62	2.96	3.38	3.99	3.52	3.00			
		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	-0.60	0.00	0.00			
ADK_NYS___DAM 23527		48.60	45.24	45.30	44.71	46.22	47.57	62.41	73.54	71.66	66.79	65.36	64.56	65.74	66.62	70.74	77.57	81.98	86.27	78.03	70.94	66.19	59.97	52.31	46.95			
		2.71	2.52	2.52	2.45	2.53	2.65	3.36	3.83	3.73	3.00	2.75	2.42	2.47	2.50	2.65	3.41	4.27	4.49	4.14	3.76	3.57	3.15	2.73	2.23			
		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	-0.58	0.00	0.00			
AIR_PRODUCTS___DRP 24190		47.00	43.79	43.85	43.32	44.73	46.00	60.22	70.96	69.22	64.81	63.55	62.88	64.16	65.02	69.04	75.27	79.26	83.24	75.38	68.46	63.94	57.94	50.53	45.65			
		1.10	1.07	1.07	1.06	1.05	1.08	1.18	1.25	1.29	1.02	0.94	0.75	0.89	0.90	0.95	1.11	1.55	1.47	1.48	1.28	1.32	1.12	0.94	0.94			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.58	0.00	0.00			
AKWESSNE_115KV_BK 355683		42.96	40.03	40.17	40.32	41.81	43.04	56.50	67.34	66.16	62.13	61.29	61.39	62.96	64.12	67.88	74.15	75.84	79.73	71.61	64.90	61.31	55.62	49.09	44.44			
		-2.94	-2.69	-2.61	-1.94	-1.88	-1.89	-2.54	-2.37	-1.77	-1.66	-1.31	-0.75	-0.32	0.00	-0.20	0.00	-1.87	-2.04	-2.29	-2.28	-1.32	-0.62	-0.50	-0.27			
		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		47.73	44.43	44.53	44.00	45.44	46.72	61.29	72.15	70.24	65.70	64.36	63.69	64.86	65.91	69.99	76.38	80.27	84.55	76.56	69.60	65.00	58.77	51.37	46.37			
		1.84	1.71	1.75	1.73	1.75	1.80	2.24	2.44	2.31	1.91	1.75	1.55	1.58	1.79	1.90	2.22	2.56	2.78	2.66	2.42	2.38	1.97	1.78	1.66			
		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	-0.57	0.00	0.00			
ALBANY_2_SOLAR 323834		47.73	44.43	44.53	43.96	45.44	46.72	61.29	72.08	70.24	65.70	64.36	63.63	64.86	65.85	69.99	76.38	80.27	84.55	76.56	69.60	64.94	58.77	51.37	46.37			
		1.84	1.71	1.75	1.69	1.75	1.80	2.24	2.37	2.31	1.91	1.75	1.49	1.58	1.73	1.90	2.22	2.56	2.78	2.66	2.42	2.32	1.97	1.78	1.66			
		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	-0.57	0.00	0.00			
ALBANY___1 23571		47.00	43.79	43.85	43.32	44.73	46.00	60.22	70.96	69.22	64.81	63.55	62.88	64.16	65.02	69.04	75.27	79.26	83.24	75.38	68.46	63.94	57.94	50.53	45.65			
		1.10	1.07	1.07	1.06	1.05	1.08	1.18	1.25	1.29	1.02	0.94	0.75	0.89	0.90	0.95	1.11	1.55	1.47	1.48	1.28	1.32	1.12	0.94	0.94			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.58	0.00	0.00			

ALBANY___2 23572	47.00 1.10 0.00	43.79 1.07 0.00	43.85 1.07 0.00	43.32 1.06 0.00	44.73 1.05 0.00	46.00 1.08 0.00	60.22 1.18 0.00	70.96 1.25 0.00	69.22 1.29 0.00	64.81 1.02 0.00	63.55 0.94 0.00	62.88 0.75 0.00	64.16 0.89 0.00	65.02 0.90 0.00	69.04 0.95 0.00	75.27 1.11 0.00	79.26 1.55 0.00	83.24 1.47 0.00	75.38 1.48 0.00	68.46 1.28 0.00	63.94 1.32 0.00	57.94 1.12 -0.58	50.53 0.94 0.00	45.65 0.94 0.00
ALBANY___3 23573	47.00 1.10 0.00	43.79 1.07 0.00	43.85 1.07 0.00	43.32 1.06 0.00	44.73 1.05 0.00	46.00 1.08 0.00	60.22 1.18 0.00	70.96 1.25 0.00	69.22 1.29 0.00	64.81 1.02 0.00	63.55 0.94 0.00	62.88 0.75 0.00	64.16 0.89 0.00	65.02 0.90 0.00	69.04 0.95 0.00	75.27 1.11 0.00	79.26 1.55 0.00	83.24 1.47 0.00	75.38 1.48 0.00	68.46 1.28 0.00	63.94 1.32 0.00	57.94 1.12 -0.58	50.53 0.94 0.00	45.65 0.94 0.00
ALBANY___4 23574	47.00 1.10 0.00	43.79 1.07 0.00	43.85 1.07 0.00	43.32 1.06 0.00	44.73 1.05 0.00	46.00 1.08 0.00	60.22 1.18 0.00	70.96 1.25 0.00	69.22 1.29 0.00	64.81 1.02 0.00	63.55 0.94 0.00	62.88 0.75 0.00	64.16 0.89 0.00	65.02 0.90 0.00	69.04 0.95 0.00	75.27 1.11 0.00	79.26 1.55 0.00	83.24 1.47 0.00	75.38 1.48 0.00	68.46 1.28 0.00	63.94 1.32 0.00	57.94 1.12 -0.58	50.53 0.94 0.00	45.65 0.94 0.00
ALBANY___LFGE 323615	47.41 1.51 0.00	44.17 1.45 0.00	44.23 1.46 0.00	43.70 1.44 0.00	45.13 1.44 0.00	46.45 1.53 0.00	60.81 1.77 0.00	71.66 1.95 0.00	69.90 1.97 0.00	65.51 1.72 0.00	64.23 1.63 0.00	63.57 1.43 0.00	64.79 1.52 0.00	65.72 1.60 0.00	69.72 1.63 0.00	76.08 1.92 0.00	79.96 2.26 0.00	84.06 2.29 0.00	76.11 2.21 0.00	69.13 1.95 0.00	64.56 1.94 0.00	58.50 1.69 -0.58	50.97 1.39 0.00	46.05 1.34 0.00
ALCOA_PA_115KV_PL-6C 55860	43.28 -2.62 0.00	40.33 -2.39 0.00	40.42 -2.35 0.00	40.57 -1.69 0.00	42.07 -1.62 0.00	43.31 -1.62 0.00	56.80 -2.24 0.00	67.69 -2.02 0.00	66.50 -1.43 0.00	62.45 -1.34 0.00	61.60 -1.00 0.00	61.76 -0.37 0.00	63.34 0.06 0.00	64.50 0.38 0.00	68.29 0.20 0.00	74.60 0.44 0.00	76.23 -1.48 0.00	80.14 -1.64 0.00	71.98 -1.92 0.00	65.24 -1.95 0.00	61.62 -1.00 0.00	55.90 -0.34 0.00	49.39 -0.20 0.00	44.76 0.04 0.00
ALCOA_RYNLDS___DRP 24188	43.28 -2.62 0.00	40.33 -2.39 0.00	40.42 -2.35 0.00	40.57 -1.69 0.00	42.07 -1.62 0.00	43.31 -1.62 0.00	56.80 -2.24 0.00	67.69 -2.02 0.00	66.50 -1.43 0.00	62.45 -1.34 0.00	61.60 -1.00 0.00	61.76 -0.37 0.00	63.34 0.06 0.00	64.50 0.38 0.00	68.29 0.20 0.00	74.60 0.44 0.00	76.23 -1.48 0.00	80.14 -1.64 0.00	71.98 -1.92 0.00	65.24 -1.95 0.00	61.62 -1.00 0.00	55.90 -0.34 0.00	49.39 -0.20 0.00	44.76 0.04 0.00
ALCOA___DSASP 323711	43.28 -2.62 0.00	40.33 -2.39 0.00	40.42 -2.35 0.00	40.57 -1.69 0.00	42.07 -1.62 0.00	43.31 -1.62 0.00	56.80 -2.24 0.00	67.69 -2.02 0.00	66.50 -1.43 0.00	62.45 -1.34 0.00	61.60 -1.00 0.00	61.76 -0.37 0.00	63.34 0.06 0.00	64.50 0.38 0.00	68.29 0.20 0.00	74.60 0.44 0.00	76.23 -1.48 0.00	80.14 -1.64 0.00	71.98 -1.92 0.00	65.24 -1.95 0.00	61.62 -1.00 0.00	55.90 -0.34 0.00	49.39 -0.20 0.00	44.76 0.04 0.00
ALLEGHENY___COGEN 23514	46.76 0.87 0.00	43.32 0.60 0.00	43.42 0.64 0.00	43.03 0.76 0.00	44.73 1.05 0.00	45.46 0.54 0.00	60.29 1.24 0.00	71.52 1.81 0.00	68.53 0.61 0.00	64.11 0.32 0.00	62.73 0.13 0.00	62.57 0.44 0.00	63.15 -0.13 0.00	63.86 -0.26 0.00	68.09 0.00 0.00	74.45 0.30 0.00	78.26 0.55 0.00	83.24 1.47 0.00	75.38 1.48 0.00	68.53 1.34 0.00	63.56 0.94 0.00	56.38 0.06 -0.09	50.08 0.50 0.00	45.34 0.63 0.00
ALTAMONT_115KV_TB 2 55880	47.04 1.15 0.00	43.79 1.07 0.00	43.89 1.11 0.00	43.32 1.06 0.00	44.78 1.09 0.00	46.05 1.12 0.00	60.46 1.42 0.00	71.24 1.53 0.00	69.42 1.49 0.00	65.07 1.28 0.00	63.80 1.19 0.00	63.19 1.06 0.00	64.41 1.14 0.00	65.27 1.15 0.00	69.31 1.23 0.00	75.56 1.41 0.00	79.50 1.79 0.00	83.57 1.80 0.00	75.60 1.70 0.00	68.73 1.55 0.00	64.12 1.50 0.00	58.10 1.29 -0.57	50.68 1.09 0.00	45.70 0.98 0.00
ALTONA_WT_PWR 323606	42.73 -3.17 0.00	39.81 -2.91 0.00	40.00 -2.78 0.00	40.19 -2.07 0.00	41.72 -1.97 0.00	43.04 -1.89 0.00	56.62 -2.42 0.00	67.47 -2.23 0.00	66.37 -1.56 0.00	62.39 -1.40 0.00	61.60 -1.00 0.00	61.70 -0.43 0.00	63.34 0.06 0.00	64.51 0.39 0.00	68.29 0.20 0.00	74.60 0.45 0.00	76.31 -1.40 0.00	80.22 -1.56 0.00	71.98 -1.92 0.00	65.23 -1.95 0.00	61.56 -1.06 0.00	55.79 -0.45 0.00	49.29 -0.30 0.00	44.62 -0.09 0.00
AMERICAN_REF_FUEL 24010	44.79 -1.10 0.00	41.57 -1.15 0.00	40.98 -1.80 0.00	40.61 -1.65 0.00	42.12 -1.57 0.00	42.18 -2.74 0.00	54.97 -4.07 0.00	64.90 -4.81 0.00	62.08 -5.84 0.00	59.07 -4.72 0.00	58.10 -4.51 0.00	58.03 -4.10 0.00	58.72 -4.56 0.00	59.31 -4.81 0.00	62.85 -5.24 0.00	68.74 -5.41 0.00	71.18 -6.53 0.00	75.23 -6.54 0.00	67.92 -5.98 0.00	61.68 -5.51 0.00	57.11 -5.51 -0.07	50.80 -5.51 0.00	45.87 -3.72 0.00	42.07 -2.64 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	44.38 -1.51 0.00	41.31 -1.41 0.00	41.32 -1.45 0.00	41.00 -1.27 0.00	42.60 -1.09 0.00	43.04 -1.89 0.00	56.68 -2.36 0.00	66.85 -2.86 0.00	64.19 -3.74 0.00	60.86 -2.93 0.00	59.98 -2.63 0.00	59.78 -2.36 0.00	60.49 -2.78 0.00	61.11 -3.01 0.00	64.68 -3.40 0.00	70.38 -3.78 0.00	73.12 -4.58 0.00	77.35 -4.42 0.00	69.98 -3.92 0.00	63.42 -3.76 0.00	58.61 -4.01 0.00	51.26 -5.06 -0.08	47.11 -2.48 0.00	43.06 -1.65 0.00
ARTHUR KILL_GT_1 23520	49.15 3.26 0.00	45.71 2.99 0.00	45.56 2.78 0.00	44.76 2.49 0.00	46.22 2.53 0.00	47.71 2.79 0.00	63.06 4.01 0.00	73.89 4.18 0.00	72.08 4.14 -0.02	78.07 4.08 -10.19	67.89 3.88 -1.41	70.92 2.98 -5.80	73.71 2.97 -7.46	73.88 3.98 -5.79	72.26 4.15 -0.02	78.62 4.45 -0.02	82.92 5.21 0.00	87.35 5.56 -0.02	78.85 4.95 0.00	71.70 4.50 -0.02	66.89 4.26 -0.02	60.71 3.99 -0.48	53.01 3.42 0.00	47.66 2.95 0.00
ARTHUR_KILL_2 23512	49.02 3.12 0.00	45.58 2.86 0.00	45.43 2.65 0.00	44.63 2.37 0.00	46.13 2.44 0.00	47.57 2.65 0.00	62.88 3.84 0.00	73.61 3.90 0.00	71.88 3.94 -0.02	77.94 3.96 -10.19	67.77 3.76 -1.41	70.74 2.80 -5.80	73.65 2.91 -7.46	73.76 3.85 -5.79	71.98 3.88 -0.02	78.32 4.15 -0.02	82.61 4.90 0.00	87.10 5.31 -0.02	78.64 4.73 -0.01	71.50 4.30 -0.02	66.65 4.01 -0.02	60.60 3.88 -0.48	52.86 3.27 0.00	47.53 2.82 0.00
ARTHUR_KILL_3 23513	48.42 2.52 0.00	45.07 2.35 0.00	44.96 2.18 0.00	44.25 1.99 0.00	45.65 1.97 0.00	47.30 2.38 0.00	62.59 3.54 0.00	73.54 3.83 0.00	72.08 4.14 -0.02	77.85 4.02 -10.04	67.81 3.82 -1.39	71.79 3.85 -5.80	74.72 3.99 -7.45	73.74 3.91 -5.71	72.05 3.95 -0.02	78.25 4.08 -0.02	82.61 4.90 0.00	87.03 5.24 -0.02	78.49 4.58 -0.01	71.37 4.17 -0.02	66.46 3.82 -0.02	60.26 3.55 -0.48	52.46 2.87 0.00	47.12 2.41 0.00

ARTHUR_KILL_COGEN 323718	49.15 3.26 0.00	45.71 2.99 0.00	45.56 2.78 0.00	44.76 2.49 0.00	46.22 2.53 0.00	47.71 2.79 0.00	63.06 4.02 0.00	73.82 4.11 0.00	72.08 4.14 -0.02	78.07 4.09 -10.19	67.90 3.88 -1.41	70.92 2.98 -5.80	73.77 3.04 -7.46	73.89 3.98 -5.79	72.19 4.08 -0.02	78.55 4.37 -0.02	82.84 5.13 0.00	87.35 5.56 -0.02	78.86 4.95 -0.01	71.70 4.50 -0.02	66.90 4.26 -0.02	60.77 4.05 -0.48	52.96 3.37 0.00	47.66 2.95 0.00
ASHOKAN____ 23654	47.54 1.65 0.00	44.34 1.62 0.00	44.36 1.58 0.00	43.70 1.44 0.00	45.35 1.66 0.00	46.63 1.71 0.00	61.11 2.07 0.00	72.08 2.37 0.00	70.44 2.51 0.00	66.08 2.29 0.00	64.30 1.69 0.00	63.57 1.43 0.00	64.92 1.64 0.00	65.98 1.86 0.00	70.13 2.04 0.00	76.23 2.07 0.00	80.74 3.03 0.00	85.13 3.35 0.00	77.00 3.10 0.00	69.94 2.76 0.00	64.94 2.32 0.00	57.39 0.62 -0.53	51.32 1.73 0.00	46.14 1.43 0.00
ASTORIA_EAST_ENERGY_CC1 323581	48.88 2.98 0.00	45.46 2.74 0.00	45.26 2.48 0.00	44.46 2.20 0.00	45.96 2.27 0.00	47.48 2.56 0.00	62.77 3.72 0.00	73.54 3.83 0.00	72.08 4.14 -0.01	78.10 4.27 -10.03	68.12 4.13 -1.38	71.78 3.85 -5.79	74.64 3.92 -7.44	73.92 4.11 -5.70	72.18 4.08 -0.01	78.39 4.22 -0.01	82.60 4.90 0.01	87.02 5.24 -0.01	78.41 4.51 0.00	71.29 4.10 -0.01	66.58 3.95 -0.01	60.54 3.83 -0.47	52.76 3.18 0.00	47.44 2.73 0.00
ASTORIA_EAST_ENERGY_CC2 323582	48.83 2.94 0.00	45.41 2.69 0.00	45.26 2.48 0.00	44.46 2.20 0.00	45.91 2.23 0.00	47.48 2.56 0.00	62.71 3.66 0.00	73.47 3.76 0.00	72.01 4.08 -0.01	78.03 4.21 -10.03	68.05 4.07 -1.38	71.71 3.79 -5.79	74.58 3.86 -7.44	73.92 4.11 -5.70	72.11 4.02 -0.01	78.39 4.22 -0.01	82.52 4.82 0.01	87.02 5.24 -0.01	78.41 4.51 0.00	71.29 4.10 -0.01	66.58 3.95 -0.01	60.54 3.83 -0.47	52.76 3.18 0.00	47.44 2.73 0.00
ASTORIA_GT2_1 24094	48.88 2.98 0.00	45.45 2.73 0.00	45.26 2.48 0.00	44.46 2.20 0.00	45.96 2.27 0.00	47.48 2.56 0.00	62.76 3.72 0.00	73.61 3.90 0.00	72.15 4.21 -0.02	78.10 4.27 -10.03	68.12 4.13 -1.38	71.78 3.85 -5.79	74.58 3.86 -7.44	73.92 4.10 -5.70	72.26 4.15 -0.02	78.55 4.38 -0.02	82.61 4.90 0.00	87.02 5.23 -0.02	78.48 4.58 0.00	71.30 4.10 -0.02	66.58 3.95 -0.02	60.54 3.82 -0.48	52.76 3.17 0.00	47.44 2.73 0.00
ASTORIA_GT2_2 24095	48.88 2.98 0.00	45.45 2.73 0.00	45.26 2.48 0.00	44.46 2.20 0.00	45.96 2.27 0.00	47.48 2.56 0.00	62.76 3.72 0.00	73.61 3.90 0.00	72.15 4.21 -0.02	78.10 4.27 -10.03	68.12 4.13 -1.38	71.78 3.85 -5.79	74.58 3.86 -7.44	73.92 4.10 -5.70	72.26 4.15 -0.02	78.55 4.38 -0.02	82.61 4.90 0.00	87.02 5.23 -0.02	78.48 4.58 0.00	71.30 4.10 -0.02	66.58 3.95 -0.02	60.54 3.82 -0.48	52.76 3.17 0.00	47.44 2.73 0.00
ASTORIA_GT2_3 24096	48.88 2.98 0.00	45.45 2.73 0.00	45.26 2.48 0.00	44.46 2.20 0.00	45.96 2.27 0.00	47.48 2.56 0.00	62.76 3.72 0.00	73.61 3.90 0.00	72.15 4.21 -0.02	78.10 4.27 -10.03	68.12 4.13 -1.38	71.78 3.85 -5.79	74.58 3.86 -7.44	73.92 4.10 -5.70	72.26 4.15 -0.02	78.55 4.38 -0.02	82.61 4.90 0.00	87.02 5.23 -0.02	78.48 4.58 0.00	71.30 4.10 -0.02	66.58 3.95 -0.02	60.54 3.82 -0.48	52.76 3.17 0.00	47.44 2.73 0.00
ASTORIA_GT2_4 24097	48.88 2.98 0.00	45.45 2.73 0.00	45.26 2.48 0.00	44.46 2.20 0.00	45.96 2.27 0.00	47.48 2.56 0.00	62.76 3.72 0.00	73.61 3.90 0.00	72.15 4.21 -0.02	78.10 4.27 -10.03	68.12 4.13 -1.38	71.78 3.85 -5.79	74.58 3.86 -7.44	73.92 4.10 -5.70	72.26 4.15 -0.02	78.55 4.38 -0.02	82.61 4.90 0.00	87.02 5.23 -0.02	78.48 4.58 0.00	71.30 4.10 -0.02	66.58 3.95 -0.02	60.54 3.82 -0.48	52.76 3.17 0.00	47.44 2.73 0.00
ASTORIA_GT3_1 24098	48.88 2.98 0.00	45.45 2.73 0.00	45.26 2.48 0.00	44.46 2.20 0.00	45.96 2.27 0.00	47.48 2.56 0.00	62.76 3.72 0.00	73.61 3.90 0.00	72.15 4.21 -0.02	78.10 4.27 -10.03	68.12 4.13 -1.38	71.78 3.85 -5.79	74.58 3.86 -7.44	73.92 4.10 -5.70	72.26 4.15 -0.02	78.55 4.38 -0.02	82.61 4.90 0.00	87.02 5.23 -0.02	78.48 4.58 0.00	71.30 4.10 -0.02	66.58 3.95 -0.02	60.54 3.82 -0.48	52.76 3.17 0.00	47.44 2.73 0.00
ASTORIA_GT3_2 24099	48.88 2.98 0.00	45.45 2.73 0.00	45.26 2.48 0.00	44.46 2.20 0.00	45.96 2.27 0.00	47.48 2.56 0.00	62.76 3.72 0.00	73.61 3.90 0.00	72.15 4.21 -0.02	78.10 4.27 -10.03	68.12 4.13 -1.38	71.78 3.85 -5.79	74.58 3.86 -7.44	73.92 4.10 -5.70	72.26 4.15 -0.02	78.55 4.38 -0.02	82.61 4.90 0.00	87.02 5.23 -0.02	78.48 4.58 0.00	71.30 4.10 -0.02	66.58 3.95 -0.02	60.54 3.82 -0.48	52.76 3.17 0.00	47.44 2.73 0.00
ASTORIA_GT3_3 24100	48.88 2.98 0.00	45.45 2.73 0.00	45.26 2.48 0.00	44.46 2.20 0.00	45.96 2.27 0.00	47.48 2.56 0.00	62.76 3.72 0.00	73.61 3.90 0.00	72.15 4.21 -0.02	78.10 4.27 -10.03	68.12 4.13 -1.38	71.78 3.85 -5.79	74.58 3.86 -7.44	73.92 4.10 -5.70	72.26 4.15 -0.02	78.55 4.38 -0.02	82.61 4.90 0.00	87.02 5.23 -0.02	78.48 4.58 0.00	71.30 4.10 -0.02	66.58 3.95 -0.02	60.54 3.82 -0.48	52.76 3.17 0.00	47.44 2.73 0.00
ASTORIA_GT3_4 24101	48.88 2.98 0.00	45.45 2.73 0.00	45.26 2.48 0.00	44.46 2.20 0.00	45.96 2.27 0.00	47.48 2.56 0.00	62.76 3.72 0.00	73.61 3.90 0.00	72.15 4.21 -0.02	78.10 4.27 -10.03	68.12 4.13 -1.38	71.78 3.85 -5.79	74.58 3.86 -7.44	73.92 4.10 -5.70	72.26 4.15 -0.02	78.55 4.38 -0.02	82.61 4.90 0.00	87.02 5.23 -0.02	78.48 4.58 0.00	71.30 4.10 -0.02	66.58 3.95 -0.02	60.54 3.82 -0.48	52.76 3.17 0.00	47.44 2.73 0.00
ASTORIA_GT4_1 24102	48.88 2.98 0.00	45.45 2.73 0.00	45.26 2.48 0.00	44.46 2.20 0.00	45.96 2.27 0.00	47.48 2.56 0.00	62.76 3.72 0.00	73.61 3.90 0.00	72.15 4.21 -0.02	78.10 4.27 -10.03	68.12 4.13 -1.38	71.78 3.85 -5.79	74.58 3.86 -7.44	73.92 4.10 -5.70	72.26 4.15 -0.02	78.55 4.38 -0.02	82.61 4.90 0.00	87.02 5.23 -0.02	78.48 4.58 0.00	71.30 4.10 -0.02	66.58 3.95 -0.02	60.54 3.82 -0.48	52.76 3.17 0.00	47.44 2.73 0.00
ASTORIA_GT4_2 24103	48.88 2.98 0.00	45.45 2.73 0.00	45.26 2.48 0.00	44.46 2.20 0.00	45.96 2.27 0.00	47.48 2.56 0.00	62.76 3.72 0.00	73.61 3.90 0.00	72.15 4.21 -0.02	78.10 4.27 -10.03	68.12 4.13 -1.38	71.78 3.85 -5.79	74.58 3.86 -7.44	73.92 4.10 -5.70	72.26 4.15 -0.02	78.55 4.38 -0.02	82.61 4.90 0.00	87.02 5.23 -0.02	78.48 4.58 0.00	71.30 4.10 -0.02	66.58 3.95 -0.02	60.54 3.82 -0.48	52.76 3.17 0.00	47.44 2.73 0.00
ASTORIA_GT4_3 24104	48.88 2.98 0.00	45.45 2.73 0.00	45.26 2.48 0.00	44.46 2.20 0.00	45.96 2.27 0.00	47.48 2.56 0.00	62.76 3.72 0.00	73.61 3.90 0.00	72.15 4.21 -0.02	78.10 4.27 -10.03	68.12 4.13 -1.38	71.78 3.85 -5.79	74.58 3.86 -7.44	73.92 4.10 -5.70	72.26 4.15 -0.02	78.55 4.38 -0.02	82.61 4.90 0.00	87.02 5.23 -0.02	78.48 4.58 0.00	71.30 4.10 -0.02	66.58 3.95 -0.02	60.54 3.82 -0.48	52.76 3.17 0.00	47.44 2.73 0.00

ASTORIA_GT4_4 24105	48.88 2.98 0.00	45.45 2.73 0.00	45.26 2.48 0.00	44.46 2.20 0.00	45.96 2.27 0.00	47.48 2.56 0.00	62.76 3.72 0.00	73.61 3.90 0.00	72.15 4.21 -0.02	78.10 4.27 -10.03	68.12 4.13 -1.38	71.78 3.85 -5.79	74.58 3.86 -7.44	73.92 4.10 -5.70	72.26 4.15 -0.02	78.55 4.38 -0.02	82.61 4.90 0.00	87.02 5.23 -0.02	78.48 4.58 0.00	71.30 4.10 -0.02	66.58 3.95 -0.02	60.54 3.82 -0.48	52.76 3.17 0.00	47.44 2.73 0.00
ASTORIA_GT_1 23523	48.92 3.03 0.00	45.54 2.82 0.00	45.34 2.57 0.00	44.55 2.28 0.00	46.05 2.36 0.00	47.57 2.65 0.00	62.82 3.78 0.00	73.75 4.04 0.00	72.29 4.35 -0.02	78.23 4.40 -10.03	68.24 4.26 -1.38	71.90 3.98 -5.79	74.71 3.99 -7.44	74.05 4.23 -5.70	72.46 4.36 -0.02	78.69 4.52 -0.02	82.76 5.05 0.00	87.18 5.40 -0.02	78.63 4.73 0.00	71.43 4.23 -0.02	66.71 4.07 -0.02	60.66 3.94 -0.48	52.86 3.27 0.00	47.48 2.77 0.00
ASTORIA_GT_10 24110	48.79 2.89 0.00	45.41 2.69 0.00	45.26 2.48 0.00	44.50 2.24 0.00	46.00 2.32 0.00	47.57 2.65 0.00	62.82 3.78 0.00	73.82 4.11 0.00	72.22 4.28 -0.02	78.19 4.21 -10.19	68.08 4.07 -1.41	71.81 3.79 -5.88	74.64 3.80 -7.56	74.01 4.10 -5.79	72.32 4.22 -0.02	78.55 4.38 -0.02	82.84 5.13 0.00	87.18 5.40 -0.02	78.63 4.73 0.00	71.43 4.23 -0.02	66.71 4.07 -0.02	60.49 3.77 -0.48	52.81 3.22 0.00	47.44 2.73 0.00
ASTORIA_GT_11 24225	48.79 2.89 0.00	45.41 2.69 0.00	45.26 2.48 0.00	44.50 2.24 0.00	46.00 2.32 0.00	47.57 2.65 0.00	62.82 3.78 0.00	73.82 4.11 0.00	72.22 4.28 -0.02	78.19 4.21 -10.19	68.08 4.07 -1.41	71.81 3.79 -5.88	74.64 3.80 -7.56	74.01 4.10 -5.79	72.32 4.22 -0.02	78.55 4.38 -0.02	82.84 5.13 0.00	87.18 5.40 -0.02	78.63 4.73 0.00	71.43 4.23 -0.02	66.71 4.07 -0.02	60.49 3.77 -0.48	52.81 3.22 0.00	47.44 2.73 0.00
ASTORIA_GT_12 24226	48.79 2.89 0.00	45.41 2.69 0.00	45.26 2.48 0.00	44.50 2.24 0.00	46.00 2.32 0.00	47.57 2.65 0.00	62.82 3.78 0.00	73.82 4.11 0.00	72.22 4.28 -0.02	78.19 4.21 -10.19	68.08 4.07 -1.41	71.81 3.79 -5.88	74.64 3.80 -7.56	74.01 4.10 -5.79	72.32 4.22 -0.02	78.55 4.38 -0.02	82.84 5.13 0.00	87.18 5.40 -0.02	78.63 4.73 0.00	71.43 4.23 -0.02	66.71 4.07 -0.02	60.49 3.77 -0.48	52.81 3.22 0.00	47.44 2.73 0.00
ASTORIA_GT_13 24227	48.79 2.89 0.00	45.41 2.69 0.00	45.26 2.48 0.00	44.50 2.24 0.00	46.00 2.32 0.00	47.57 2.65 0.00	62.82 3.78 0.00	73.82 4.11 0.00	72.22 4.28 -0.02	78.19 4.21 -10.19	68.08 4.07 -1.41	71.81 3.79 -5.88	74.64 3.80 -7.56	74.01 4.10 -5.79	72.32 4.22 -0.02	78.55 4.38 -0.02	82.84 5.13 0.00	87.18 5.40 -0.02	78.63 4.73 0.00	71.43 4.23 -0.02	66.71 4.07 -0.02	60.49 3.77 -0.48	52.81 3.22 0.00	47.44 2.73 0.00
ASTORIA_GT_5 24106	48.92 3.03 0.00	45.54 2.82 0.00	45.34 2.57 0.00	44.55 2.28 0.00	46.05 2.36 0.00	47.57 2.65 0.00	62.82 3.78 0.00	73.75 4.04 0.00	72.29 4.35 -0.02	78.23 4.40 -10.03	68.24 4.26 -1.38	71.90 3.98 -5.79	74.71 3.99 -7.44	74.05 4.23 -5.70	72.46 4.36 -0.02	78.69 4.52 -0.02	82.76 5.05 0.00	87.18 5.40 -0.02	78.63 4.73 0.00	71.43 4.23 -0.02	66.71 4.07 -0.02	60.66 3.94 -0.48	52.86 3.27 0.00	47.48 2.77 0.00
ASTORIA_GT_7 24107	48.92 3.03 0.00	45.54 2.82 0.00	45.34 2.57 0.00	44.55 2.28 0.00	46.05 2.36 0.00	47.57 2.65 0.00	62.82 3.78 0.00	73.75 4.04 0.00	72.29 4.35 -0.02	78.23 4.40 -10.03	68.24 4.26 -1.38	71.90 3.98 -5.79	74.71 3.99 -7.44	74.05 4.23 -5.70	72.46 4.36 -0.02	78.69 4.52 -0.02	82.76 5.05 0.00	87.18 5.40 -0.02	78.63 4.73 0.00	71.43 4.23 -0.02	66.71 4.07 -0.02	60.66 3.94 -0.48	52.86 3.27 0.00	47.48 2.77 0.00
ASTORIA_GT_8 24108	48.92 3.03 0.00	45.54 2.82 0.00	45.34 2.57 0.00	44.55 2.28 0.00	46.05 2.36 0.00	47.57 2.65 0.00	62.82 3.78 0.00	73.75 4.04 0.00	72.29 4.35 -0.02	78.23 4.40 -10.03	68.24 4.26 -1.38	71.90 3.98 -5.79	74.71 3.99 -7.44	74.05 4.23 -5.70	72.46 4.36 -0.02	78.69 4.52 -0.02	82.76 5.05 0.00	87.18 5.40 -0.02	78.63 4.73 0.00	71.43 4.23 -0.02	66.71 4.07 -0.02	60.66 3.94 -0.48	52.86 3.27 0.00	47.48 2.77 0.00
ASTORIA___2 24149	48.88 2.98 0.00	45.46 2.74 0.00	45.26 2.48 0.00	44.46 2.20 0.00	45.96 2.27 0.00	47.48 2.56 0.00	62.77 3.72 0.00	73.54 3.83 0.00	72.08 4.14 -0.01	78.10 4.27 -10.03	68.12 4.13 -1.38	71.78 3.85 -5.79	74.64 3.92 -7.44	73.92 4.11 -5.70	72.18 4.08 -0.01	78.39 4.22 -0.01	82.60 4.90 0.01	87.02 5.24 -0.01	78.41 4.51 0.00	71.29 4.10 -0.01	66.58 3.95 -0.01	60.54 3.83 -0.47	52.76 3.18 0.00	47.44 2.73 0.00
ASTORIA___3 23516	48.79 2.89 0.00	45.41 2.69 0.00	45.26 2.48 0.00	44.50 2.24 0.00	45.96 2.27 0.00	47.57 2.65 0.00	62.83 3.78 0.00	73.75 4.04 0.00	72.15 4.21 -0.02	78.19 4.21 -10.19	68.08 4.07 -1.41	71.81 3.79 -5.88	74.70 3.86 -7.56	74.02 4.11 -5.79	72.26 4.15 -0.02	78.47 4.30 -0.02	82.84 5.13 0.00	87.18 5.40 -0.02	78.64 4.73 -0.01	71.50 4.30 -0.02	66.70 4.07 -0.02	60.55 3.83 -0.48	52.81 3.22 0.00	47.44 2.73 0.00
ASTORIA___4 23517	48.79 2.89 0.00	45.41 2.69 0.00	45.26 2.48 0.00	44.50 2.24 0.00	46.00 2.32 0.00	47.57 2.65 0.00	62.82 3.78 0.00	73.82 4.11 0.00	72.22 4.28 -0.02	78.19 4.21 -10.19	68.08 4.07 -1.41	71.81 3.79 -5.88	74.64 3.80 -7.56	74.01 4.10 -5.79	72.32 4.22 -0.02	78.55 4.38 -0.02	82.84 5.13 0.00	87.18 5.40 -0.02	78.63 4.73 0.00	71.43 4.23 -0.02	66.71 4.07 -0.02	60.49 3.77 -0.48	52.81 3.22 0.00	47.44 2.73 0.00
ASTORIA___5 23518	48.79 2.89 0.00	45.41 2.69 0.00	45.26 2.48 0.00	44.50 2.24 0.00	45.96 2.27 0.00	47.57 2.65 0.00	62.83 3.78 0.00	73.75 4.04 0.00	72.15 4.21 -0.02	78.19 4.21 -10.19	68.08 4.07 -1.41	71.81 3.79 -5.88	74.70 3.86 -7.56	74.02 4.11 -5.79	72.26 4.15 -0.02	78.47 4.30 -0.02	82.84 5.13 0.00	87.18 5.40 -0.02	78.64 4.73 -0.01	71.50 4.30 -0.02	66.70 4.07 -0.02	60.55 3.83 -0.48	52.81 3.22 0.00	47.44 2.73 0.00
AST_ENERGY_2_CC3 323677	48.32 2.43 0.00	44.94 2.22 0.00	44.75 1.97 0.00	43.96 1.69 0.00	45.44 1.75 0.00	46.95 2.02 0.00	62.05 3.01 0.00	72.70 3.00 0.00	71.26 3.33 -0.01	77.33 3.51 -10.03	67.36 3.38 -1.38	71.03 3.11 -5.79	73.88 3.16 -7.44	73.15 3.33 -5.70	71.36 3.27 -0.01	77.58 3.41 -0.01	81.66 3.96 0.01	86.11 4.33 -0.01	77.59 3.69 0.00	70.55 3.36 -0.01	65.88 3.25 -0.01	59.92 3.20 -0.47	52.21 2.63 0.00	46.90 2.19 0.00
AST_ENERGY_2_CC4 323678	48.32 2.43 0.00	44.94 2.22 0.00	44.75 1.97 0.00	43.96 1.69 0.00	45.44 1.75 0.00	46.95 2.02 0.00	62.05 3.01 0.00	72.70 3.00 0.00	71.26 3.33 -0.01	77.33 3.51 -10.03	67.36 3.38 -1.38	71.03 3.11 -5.79	73.88 3.16 -7.44	73.15 3.33 -5.70	71.36 3.27 -0.01	77.58 3.41 -0.01	81.66 3.96 0.01	86.11 4.33 -0.01	77.59 3.69 0.00	70.55 3.36 -0.01	65.88 3.25 -0.01	59.92 3.20 -0.47	52.21 2.63 0.00	46.90 2.19 0.00



BARRETT_IC_6 23709	48.98 3.08 -0.01	45.50 2.78 0.00	45.26 2.48 0.00	44.67 2.41 0.00	46.31 2.62 0.00	47.90 2.96 -0.01	62.95 3.90 -0.01	72.98 3.28 0.00	71.12 3.19 0.00	66.92 3.13 0.00	65.92 3.32 0.00	65.43 3.29 0.00	66.56 3.29 0.00	67.64 3.52 0.00	71.36 3.27 0.00	76.82 2.67 0.00	82.54 4.82 -0.01	86.93 5.15 -0.01	78.49 4.58 -0.01	71.42 4.24 0.00	66.25 3.63 0.00	60.20 3.49 -0.47	56.16 3.03 -3.55	47.54 2.82 -0.01
BARRETT_IC_7 23710	48.98 3.07 -0.01	45.50 2.78 0.00	45.26 2.48 0.00	44.67 2.41 0.00	46.35 2.66 0.00	47.90 2.96 -0.01	62.95 3.90 -0.01	72.98 3.28 0.00	70.91 2.99 0.00	66.98 3.19 0.00	65.92 3.32 0.00	65.43 3.29 0.00	66.50 3.23 0.00	67.64 3.53 0.00	71.42 3.34 0.00	77.12 2.97 0.00	82.54 4.82 -0.01	86.93 5.15 -0.01	78.49 4.58 -0.01	71.42 4.23 0.00	66.25 3.63 0.00	60.14 3.43 -0.47	56.16 3.02 -3.55	47.54 2.82 -0.01
BARRETT_IC_8 23711	48.98 3.08 -0.01	45.50 2.78 0.00	45.26 2.48 0.00	44.67 2.41 0.00	46.31 2.62 0.00	47.90 2.96 -0.01	62.95 3.90 -0.01	72.98 3.28 0.00	71.12 3.19 0.00	66.92 3.13 0.00	65.92 3.32 0.00	65.43 3.29 0.00	66.56 3.29 0.00	67.64 3.52 0.00	71.36 3.27 0.00	76.82 2.67 0.00	82.54 4.82 -0.01	86.93 5.15 -0.01	78.49 4.58 -0.01	71.42 4.24 0.00	66.25 3.63 0.00	60.20 3.49 -0.47	56.16 3.03 -3.55	47.54 2.82 -0.01
BARRETT_IC_9 23700	48.98 3.08 -0.01	45.50 2.78 0.00	45.26 2.48 0.00	44.67 2.41 0.00	46.31 2.62 0.00	47.90 2.96 -0.01	62.95 3.90 -0.01	72.98 3.28 0.00	71.12 3.19 0.00	66.92 3.13 0.00	65.92 3.32 0.00	65.43 3.29 0.00	66.56 3.29 0.00	67.64 3.52 0.00	71.36 3.27 0.00	76.82 2.67 0.00	82.54 4.82 -0.01	86.93 5.15 -0.01	78.49 4.58 -0.01	71.42 4.24 0.00	66.25 3.63 0.00	60.20 3.49 -0.47	56.16 3.03 -3.55	47.54 2.82 -0.01
BARRETT___1 23545	48.98 3.08 -0.01	45.50 2.78 0.00	45.26 2.48 0.00	44.67 2.41 0.00	46.31 2.62 0.00	47.90 2.96 -0.01	62.95 3.90 -0.01	72.98 3.28 0.00	71.12 3.19 0.00	66.92 3.13 0.00	65.92 3.32 0.00	65.43 3.29 0.00	66.56 3.29 0.00	67.64 3.52 0.00	71.36 3.27 0.00	76.82 2.67 0.00	82.54 4.82 -0.01	86.93 5.15 -0.01	78.49 4.58 -0.01	71.42 4.24 0.00	66.25 3.63 0.00	60.20 3.49 -0.47	56.16 3.03 -3.55	47.54 2.82 -0.01
BARRETT___2 23546	48.98 3.08 -0.01	45.50 2.78 0.00	45.26 2.48 0.00	44.67 2.41 0.00	46.31 2.62 0.00	47.90 2.96 -0.01	62.95 3.90 -0.01	72.98 3.28 0.00	71.12 3.19 0.00	66.92 3.13 0.00	65.92 3.32 0.00	65.43 3.29 0.00	66.56 3.29 0.00	67.64 3.52 0.00	71.36 3.27 0.00	76.82 2.67 0.00	82.54 4.82 -0.01	86.93 5.15 -0.01	78.49 4.58 -0.01	71.42 4.24 0.00	66.25 3.63 0.00	60.20 3.49 -0.47	56.16 3.03 -3.55	47.54 2.82 -0.01
BATAVIA___115KV_TB1 55881	45.89 0.00 0.00	42.51 -0.21 0.00	42.56 -0.21 0.00	42.18 -0.08 0.00	43.77 0.09 0.00	43.75 -1.17 0.00	57.39 -1.65 0.00	68.03 -1.67 0.00	65.41 -2.51 0.00	62.13 -1.66 0.00	61.04 -1.57 0.00	61.14 -0.99 0.00	61.69 -1.58 0.00	62.32 -1.80 0.00	66.04 -2.04 0.00	72.08 -2.08 0.00	74.68 -3.03 0.00	79.15 -2.62 0.00	71.31 -2.59 0.00	64.83 -2.35 0.00	60.12 -2.50 0.00	53.49 -2.81 -0.07	47.90 -1.69 0.00	43.73 -0.98 0.00
BAYONEEC___CTG1 323682	48.56 2.66 0.00	45.20 2.48 0.00	45.09 2.31 0.00	44.38 2.11 0.00	45.83 2.14 0.00	47.44 2.51 0.00	62.77 3.72 0.00	73.75 4.04 0.00	72.22 4.28 -0.02	78.04 4.21 -10.04	68.00 4.01 -1.39	71.85 3.92 -5.80	74.78 4.05 -7.45	73.87 4.04 -5.71	72.19 4.08 -0.02	78.47 4.30 -0.02	82.76 5.05 0.00	87.18 5.40 -0.02	78.64 4.73 -0.01	71.50 4.30 -0.02	66.58 3.95 -0.02	60.37 3.65 -0.48	52.61 3.03 0.00	47.26 2.55 0.00
BAYONEEC___CTG10 323750	48.56 2.66 0.00	45.20 2.48 0.00	45.09 2.31 0.00	44.38 2.11 0.00	45.83 2.14 0.00	47.44 2.51 0.00	62.77 3.72 0.00	73.75 4.04 0.00	72.22 4.28 -0.02	78.04 4.21 -10.04	68.00 4.01 -1.39	71.85 3.92 -5.80	74.78 4.05 -7.45	73.87 4.04 -5.71	72.19 4.08 -0.02	78.47 4.30 -0.02	82.76 5.05 0.00	87.18 5.40 -0.02	78.64 4.73 -0.01	71.50 4.30 -0.02	66.58 3.95 -0.02	60.37 3.65 -0.48	52.61 3.03 0.00	47.26 2.55 0.00
BAYONEEC___CTG2 323683	48.56 2.66 0.00	45.20 2.48 0.00	45.09 2.31 0.00	44.38 2.11 0.00	45.83 2.14 0.00	47.44 2.51 0.00	62.77 3.72 0.00	73.75 4.04 0.00	72.22 4.28 -0.02	78.04 4.21 -10.04	68.00 4.01 -1.39	71.85 3.92 -5.80	74.78 4.05 -7.45	73.87 4.04 -5.71	72.19 4.08 -0.02	78.47 4.30 -0.02	82.76 5.05 0.00	87.18 5.40 -0.02	78.64 4.73 -0.01	71.50 4.30 -0.02	66.58 3.95 -0.02	60.37 3.65 -0.48	52.61 3.03 0.00	47.26 2.55 0.00
BAYONEEC___CTG3 323684	48.56 2.66 0.00	45.20 2.48 0.00	45.09 2.31 0.00	44.38 2.11 0.00	45.83 2.14 0.00	47.44 2.51 0.00	62.77 3.72 0.00	73.75 4.04 0.00	72.22 4.28 -0.02	78.04 4.21 -10.04	68.00 4.01 -1.39	71.85 3.92 -5.80	74.78 4.05 -7.45	73.87 4.04 -5.71	72.19 4.08 -0.02	78.47 4.30 -0.02	82.76 5.05 0.00	87.18 5.40 -0.02	78.64 4.73 -0.01	71.50 4.30 -0.02	66.58 3.95 -0.02	60.37 3.65 -0.48	52.61 3.03 0.00	47.26 2.55 0.00
BAYONEEC___CTG4 323685	48.56 2.66 0.00	45.20 2.48 0.00	45.09 2.31 0.00	44.38 2.11 0.00	45.83 2.14 0.00	47.44 2.51 0.00	62.77 3.72 0.00	73.75 4.04 0.00	72.22 4.28 -0.02	78.04 4.21 -10.04	68.00 4.01 -1.39	71.85 3.92 -5.80	74.78 4.05 -7.45	73.87 4.04 -5.71	72.19 4.08 -0.02	78.47 4.30 -0.02	82.76 5.05 0.00	87.18 5.40 -0.02	78.64 4.73 -0.01	71.50 4.30 -0.02	66.58 3.95 -0.02	60.37 3.65 -0.48	52.61 3.03 0.00	47.26 2.55 0.00
BAYONEEC___CTG5 323686	48.56 2.66 0.00	45.20 2.48 0.00	45.09 2.31 0.00	44.38 2.11 0.00	45.83 2.14 0.00	47.44 2.51 0.00	62.77 3.72 0.00	73.75 4.04 0.00	72.22 4.28 -0.02	78.04 4.21 -10.04	68.00 4.01 -1.39	71.85 3.92 -5.80	74.78 4.05 -7.45	73.87 4.04 -5.71	72.19 4.08 -0.02	78.47 4.30 -0.02	82.76 5.05 0.00	87.18 5.40 -0.02	78.64 4.73 -0.01	71.50 4.30 -0.02	66.58 3.95 -0.02	60.37 3.65 -0.48	52.61 3.03 0.00	47.26 2.55 0.00
BAYONEEC___CTG6 323687	48.56 2.66 0.00	45.20 2.48 0.00	45.09 2.31 0.00	44.38 2.11 0.00	45.83 2.14 0.00	47.44 2.51 0.00	62.77 3.72 0.00	73.75 4.04 0.00	72.22 4.28 -0.02	78.04 4.21 -10.04	68.00 4.01 -1.39	71.85 3.92 -5.80	74.78 4.05 -7.45	73.87 4.04 -5.71	72.19 4.08 -0.02	78.47 4.30 -0.02	82.76 5.05 0.00	87.18 5.40 -0.02	78.64 4.73 -0.01	71.50 4.30 -0.02	66.58 3.95 -0.02	60.37 3.65 -0.48	52.61 3.03 0.00	47.26 2.55 0.00
BAYONEEC___CTG7 323688	48.56 2.66 0.00	45.20 2.48 0.00	45.09 2.31 0.00	44.38 2.11 0.00	45.83 2.14 0.00	47.44 2.51 0.00	62.77 3.72 0.00	73.75 4.04 0.00	72.22 4.28 -0.02	78.04 4.21 -10.04	68.00 4.01 -1.39	71.85 3.92 -5.80	74.78 4.05 -7.45	73.87 4.04 -5.71	72.19 4.08 -0.02	78.47 4.30 -0.02	82.76 5.05 0.00	87.18 5.40 -0.02	78.64 4.73 -0.01	71.50 4.30 -0.02	66.58 3.95 -0.02	60.37 3.65 -0.48	52.61 3.03 0.00	47.26 2.55 0.00

BAYONEEC___CTG8 323689	48.56 2.66 0.00	45.20 2.48 0.00	45.09 2.31 0.00	44.38 2.11 0.00	45.83 2.14 0.00	47.44 2.51 0.00	62.77 3.72 0.00	73.75 4.04 0.00	72.22 4.28 -0.02	78.04 4.21 -10.04	68.00 4.01 -1.39	71.85 3.92 -5.80	74.78 4.05 -7.45	73.87 4.04 -5.71	72.19 4.08 -0.02	78.47 4.30 -0.02	82.76 5.05 0.00	87.18 5.40 -0.02	78.64 4.73 -0.01	71.50 4.30 -0.02	66.58 3.95 -0.02	60.37 3.65 -0.48	52.61 3.03 0.00	47.26 2.55 0.00
BAYONEEC___CTG9 323749	48.56 2.66 0.00	45.20 2.48 0.00	45.09 2.31 0.00	44.38 2.11 0.00	45.83 2.14 0.00	47.44 2.51 0.00	62.77 3.72 0.00	73.75 4.04 0.00	72.22 4.28 -0.02	78.04 4.21 -10.04	68.00 4.01 -1.39	71.85 3.92 -5.80	74.78 4.05 -7.45	73.87 4.04 -5.71	72.19 4.08 -0.02	78.47 4.30 -0.02	82.76 5.05 0.00	87.18 5.40 -0.02	78.64 4.73 -0.01	71.50 4.30 -0.02	66.58 3.95 -0.02	60.37 3.65 -0.48	52.61 3.03 0.00	47.26 2.55 0.00
BEACON___LESR 323632	47.64 1.74 0.00	44.34 1.62 0.00	44.44 1.67 0.00	43.87 1.61 0.00	45.35 1.66 0.00	46.67 1.75 0.00	61.23 2.19 0.00	72.15 2.44 0.00	70.30 2.38 0.00	65.83 2.04 0.00	64.61 2.00 0.00	63.94 1.80 0.00	65.17 1.90 0.00	66.11 1.99 0.00	70.06 1.98 0.00	76.46 2.30 0.00	80.43 2.72 0.00	84.63 2.86 0.00	76.63 2.74 0.00	69.60 2.42 0.00	65.00 2.38 0.00	58.84 2.02 -0.58	51.32 1.73 0.00	46.32 1.61 0.00
BEAVER RIVER___HYD 24048	44.56 -1.33 0.00	41.57 -1.15 0.00	41.53 -1.24 0.00	41.21 -1.05 0.00	42.72 -0.96 0.00	44.07 -0.85 0.00	57.74 -1.30 0.00	68.87 -0.83 0.00	67.72 -0.20 0.00	63.15 -0.64 0.00	62.30 -0.31 0.00	62.01 -0.12 0.00	63.34 0.06 0.00	64.31 0.19 0.00	68.50 0.41 0.00	74.53 0.37 0.00	76.46 -1.25 0.00	80.87 -0.90 0.00	72.71 -1.19 0.00	66.11 -1.08 0.00	62.50 -0.12 0.00	56.14 -0.11 -0.02	49.24 -0.34 0.00	44.45 -0.27 0.00
BEEBEE_GT_13 23619	45.30 -0.60 0.00	42.04 -0.68 0.00	42.09 -0.68 0.00	41.63 -0.63 0.00	43.16 -0.52 0.00	43.80 -1.12 0.00	57.57 -1.48 0.00	68.24 -1.46 0.00	66.09 -1.83 0.00	62.64 -1.15 0.00	61.60 -1.00 0.00	61.70 -0.43 0.00	62.39 -0.89 0.00	63.09 -1.03 0.00	67.00 -1.09 0.00	72.82 -1.33 0.00	75.69 -2.02 0.00	79.89 -1.88 0.00	71.98 -1.92 0.00	65.37 -1.81 0.00	60.74 -1.88 0.00	54.49 -1.80 -0.06	48.15 -1.44 0.00	43.77 -0.94 0.00
BENSHRST_27_KV_BENSHRST_1 355998	49.11 3.21 0.00	45.67 2.95 0.00	45.51 2.74 0.00	44.71 2.45 0.00	46.22 2.53 0.00	47.75 2.83 0.00	63.18 4.13 0.00	74.17 4.46 0.00	72.42 4.48 -0.02	78.45 4.47 -10.19	68.33 4.32 -1.41	71.68 3.67 -5.87	74.50 3.67 -7.55	74.27 4.36 -5.79	72.67 4.56 -0.02	78.99 4.82 -0.02	83.23 5.52 0.00	87.67 5.89 -0.02	79.15 5.25 0.00	71.90 4.70 -0.02	67.08 4.45 -0.02	60.88 4.16 -0.48	53.06 3.47 0.00	47.71 3.00 0.00
BETHLEHEM___GRP 23843	47.00 1.10 0.00	43.79 1.07 0.00	43.85 1.07 0.00	43.32 1.06 0.00	44.73 1.05 0.00	46.00 1.08 0.00	60.22 1.18 0.00	70.96 1.25 0.00	69.22 1.29 0.00	64.81 1.02 0.00	63.55 0.94 0.00	62.88 0.75 0.00	64.16 0.89 0.00	65.02 0.90 0.00	69.04 0.95 0.00	75.27 1.11 0.00	79.26 1.55 0.00	83.24 1.47 0.00	75.38 1.48 0.00	68.46 1.28 0.00	63.94 1.32 0.00	57.94 1.12 -0.58	50.53 0.94 0.00	45.65 0.94 0.00
BETHLEHEM___GS1 323560	46.99 1.10 0.00	43.79 1.07 0.00	43.85 1.07 0.00	43.32 1.06 0.00	44.73 1.05 0.00	46.00 1.08 0.00	60.22 1.18 0.00	70.96 1.26 0.00	69.21 1.29 0.00	64.81 1.02 0.00	63.55 0.94 0.00	62.88 0.75 0.00	64.10 0.82 0.00	65.02 0.90 0.00	68.97 0.88 0.00	75.27 1.11 0.00	79.18 1.47 0.00	83.24 1.47 0.00	75.38 1.48 0.00	68.53 1.34 0.00	63.94 1.32 0.00	57.94 1.12 -0.58	50.53 0.94 0.00	45.65 0.94 0.00
BETHLEHEM___GS2 323561	46.99 1.10 0.00	43.79 1.07 0.00	43.85 1.07 0.00	43.32 1.06 0.00	44.73 1.05 0.00	46.00 1.08 0.00	60.22 1.18 0.00	70.96 1.26 0.00	69.21 1.29 0.00	64.81 1.02 0.00	63.55 0.94 0.00	62.88 0.75 0.00	64.10 0.82 0.00	65.02 0.90 0.00	68.97 0.88 0.00	75.27 1.11 0.00	79.18 1.47 0.00	83.24 1.47 0.00	75.38 1.48 0.00	68.53 1.34 0.00	63.94 1.32 0.00	57.94 1.12 -0.58	50.53 0.94 0.00	45.65 0.94 0.00
BETHLEHEM___GS3 323562	46.99 1.10 0.00	43.79 1.07 0.00	43.85 1.07 0.00	43.32 1.06 0.00	44.73 1.05 0.00	46.00 1.08 0.00	60.22 1.18 0.00	70.96 1.26 0.00	69.21 1.29 0.00	64.81 1.02 0.00	63.55 0.94 0.00	62.88 0.75 0.00	64.10 0.82 0.00	65.02 0.90 0.00	68.97 0.88 0.00	75.27 1.11 0.00	79.18 1.47 0.00	83.24 1.47 0.00	75.38 1.48 0.00	68.53 1.34 0.00	63.94 1.32 0.00	57.94 1.12 -0.58	50.53 0.94 0.00	45.65 0.94 0.00
BETHLEHEM___STEEL 23779	45.16 -0.73 0.00	41.95 -0.77 0.00	42.01 -0.77 0.00	41.59 -0.68 0.00	43.12 -0.57 0.00	43.35 -1.57 0.00	56.80 -2.24 0.00	67.06 -2.65 0.00	64.46 -3.46 0.00	61.18 -2.62 0.00	60.29 -2.32 0.00	60.15 -1.99 0.00	60.81 -2.47 0.00	61.43 -2.69 0.00	64.89 -3.20 0.00	70.74 -3.41 0.00	73.12 -4.58 0.00	77.60 -4.17 0.00	69.98 -3.92 0.00	63.56 -3.63 0.00	58.93 -3.69 0.00	51.71 -4.61 -0.08	47.31 -2.28 0.00	43.28 -1.43 0.00
BETHLHEM_115KV_TB1 79974	47.04 1.15 0.00	43.83 1.11 0.00	43.89 1.11 0.00	43.32 1.06 0.00	44.78 1.09 0.00	46.05 1.12 0.00	60.28 1.24 0.00	71.03 1.32 0.00	69.28 1.36 0.00	64.94 1.15 0.00	63.67 1.06 0.00	63.01 0.87 0.00	64.22 0.95 0.00	65.14 1.03 0.00	69.11 1.02 0.00	75.42 1.26 0.00	79.34 1.63 0.00	83.41 1.64 0.00	75.45 1.55 0.00	68.60 1.41 0.00	64.00 1.38 0.00	57.99 1.18 -0.57	50.58 0.99 0.00	45.70 0.98 0.00
BETHPAGE_CC_5 323564	49.35 3.44 -0.01	45.71 2.99 0.00	45.52 2.74 0.00	44.93 2.66 0.00	46.57 2.88 0.00	48.30 3.37 -0.01	63.42 4.37 -0.01	73.47 3.76 0.00	71.59 3.67 0.00	67.36 3.57 0.00	66.43 3.82 0.00	65.93 3.79 0.00	67.07 3.80 0.00	68.23 4.11 0.00	71.97 3.88 0.00	77.41 3.26 0.00	83.39 5.67 -0.01	87.83 6.05 -0.01	79.30 5.39 -0.01	72.09 4.90 0.00	66.88 4.26 0.00	60.87 4.16 -0.47	57.12 3.72 -3.81	47.98 3.26 -0.01
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	45.21 -0.69 0.00	41.99 -0.73 0.00	42.05 -0.73 0.00	41.67 -0.59 0.00	43.16 -0.52 0.00	43.44 -1.48 0.00	56.92 -2.13 0.00	67.20 -2.51 0.00	64.60 -3.33 0.00	61.37 -2.42 0.00	60.42 -2.19 0.00	60.27 -1.86 0.00	61.00 -2.28 0.00	61.62 -2.50 0.00	65.09 -3.00 0.00	70.97 -3.19 0.00	73.36 -4.35 0.00	77.76 -4.01 0.00	70.13 -3.77 0.00	63.76 -3.43 0.00	59.11 -3.51 0.00	51.60 -4.72 -0.08	47.41 -2.18 0.00	43.37 -1.34 0.00
BINGHAMTON___COGEN 23790	45.99 0.09 0.00	42.85 0.13 0.00	42.86 0.09 0.00	42.39 0.13 0.00	43.77 0.09 0.00	44.92 0.00 0.00	59.22 0.18 0.00	69.92 0.21 0.00	67.86 -0.07 0.00	63.79 0.00 0.00	62.67 0.06 0.00	62.20 0.06 0.00	63.21 -0.06 0.00	63.99 -0.13 0.00	67.95 -0.14 0.00	74.08 -0.07 0.00	77.40 -0.31 0.00	81.69 -0.08 0.00	73.75 -0.15 0.00	67.05 -0.13 0.00	62.37 -0.25 0.00	55.66 -0.73 -0.16	49.44 -0.15 0.00	44.67 -0.04 0.00

BIXINCNT_115KV_LOAD 355685	44.61 -1.29 0.00	41.48 -1.24 0.00	41.62 -1.15 0.00	41.29 -0.97 0.00	42.94 -0.74 0.00	43.35 -1.57 0.00	56.98 -2.07 0.00	67.13 -2.58 0.00	64.46 -3.46 0.00	61.05 -2.74 0.00	60.29 -2.32 0.00	60.09 -2.05 0.00	60.81 -2.47 0.00	61.30 -2.82 0.00	64.55 -3.54 0.00	70.08 -4.08 0.00	72.58 -5.13 0.00	76.95 -4.82 0.00	69.54 -4.36 0.00	63.22 -3.96 0.00	58.61 -4.01 0.00	50.64 -5.68 -0.09	47.26 -2.33 0.00	43.28 -1.43 0.00
BLACK RIVER___HYD 24047	45.07 -0.82 0.00	42.08 -0.64 0.00	42.01 -0.77 0.00	41.59 -0.68 0.00	43.16 -0.52 0.00	44.56 -0.36 0.00	58.57 -0.47 0.00	69.99 0.28 0.00	68.40 0.48 0.00	63.66 -0.13 0.00	62.67 0.06 0.00	62.32 0.19 0.00	63.53 0.25 0.00	64.51 0.39 0.00	68.84 0.75 0.00	74.90 0.74 0.00	77.48 -0.23 0.00	82.26 0.49 0.00	73.90 0.00 0.00	67.32 0.13 0.00	63.37 0.75 0.00	56.77 0.51 -0.03	49.64 0.05 0.00	44.71 0.00 0.00
BLACKRVR_115KV_TB2 79977	45.07 -0.83 0.00	42.08 -0.64 0.00	42.01 -0.77 0.00	41.59 -0.68 0.00	43.16 -0.52 0.00	44.56 -0.36 0.00	58.57 -0.47 0.00	69.99 0.28 0.00	68.33 0.41 0.00	63.66 -0.13 0.00	62.67 0.06 0.00	62.32 0.19 0.00	63.53 0.25 0.00	64.50 0.38 0.00	68.84 0.75 0.00	74.90 0.74 0.00	77.48 -0.23 0.00	82.10 0.33 0.00	73.90 0.00 0.00	67.32 0.13 0.00	63.37 0.75 0.00	56.77 0.51 -0.03	49.64 0.05 0.00	44.71 0.00 0.00
BLDWN_LI_69_KV_BK4 356085	49.35 3.44 -0.01	45.75 3.03 0.00	45.51 2.74 0.00	44.93 2.66 0.00	46.61 2.93 0.00	48.26 3.32 -0.01	63.48 4.43 -0.01	73.68 3.97 0.00	71.52 3.60 0.00	67.56 3.76 0.00	66.49 3.88 0.00	66.05 3.91 0.00	67.14 3.86 0.00	68.35 4.23 0.00	72.17 4.09 0.00	77.94 3.78 0.00	83.55 5.83 -0.01	88.00 6.21 -0.01	79.45 5.54 -0.01	72.22 5.04 0.00	67.07 4.45 0.00	60.82 4.11 -0.47	57.25 3.62 -4.04	47.94 3.22 -0.01
BLISS_WT_PWR 323608	44.38 -1.51 0.00	41.27 -1.45 0.00	41.37 -1.41 0.00	41.04 -1.23 0.00	42.81 -0.87 0.00	43.22 -1.71 0.00	56.74 -2.30 0.00	66.92 -2.79 0.00	64.26 -3.67 0.00	60.86 -2.93 0.00	60.10 -2.51 0.00	59.96 -2.18 0.00	60.68 -2.60 0.00	61.17 -2.95 0.00	64.41 -3.68 0.00	69.78 -4.38 0.00	72.50 -5.21 0.00	76.62 -5.15 0.00	69.47 -4.43 0.00	63.02 -4.17 0.00	58.36 -4.26 0.00	50.42 -5.90 -0.09	47.11 -2.48 0.00	43.10 -1.61 0.00
BLUESTONE___WT_PWR 323821	47.13 1.24 0.00	43.96 1.24 0.00	43.93 1.16 0.00	43.36 1.10 0.00	44.91 1.22 0.00	46.32 1.39 0.00	61.23 2.19 0.00	72.77 3.06 0.00	70.71 2.79 0.00	66.41 2.62 0.00	65.43 2.82 0.00	65.00 2.86 0.00	66.06 2.78 0.00	66.94 2.82 0.00	71.90 3.81 0.00	78.08 3.93 0.00	81.75 4.04 0.00	86.27 4.49 0.00	77.45 3.55 0.00	70.54 3.36 0.00	65.75 3.13 0.00	57.93 1.52 -0.17	51.03 1.44 0.00	46.05 1.34 0.00
BLUE_CIRC_CHEM_DRP 24182	47.41 1.51 0.00	44.17 1.45 0.00	44.27 1.50 0.00	43.70 1.44 0.00	45.13 1.44 0.00	46.40 1.48 0.00	60.87 1.83 0.00	71.73 2.02 0.00	69.89 1.97 0.00	65.39 1.59 0.00	64.11 1.50 0.00	63.44 1.30 0.00	64.67 1.39 0.00	65.66 1.54 0.00	69.65 1.57 0.00	76.01 1.85 0.00	79.89 2.18 0.00	84.06 2.29 0.00	76.12 2.22 0.00	69.13 1.95 0.00	64.56 1.94 0.00	58.44 1.63 -0.57	51.08 1.49 0.00	46.05 1.34 0.00
BOC_GAS_DRP 24189	47.00 1.10 0.00	43.75 1.03 0.00	43.85 1.07 0.00	43.28 1.01 0.00	44.73 1.05 0.00	46.00 1.08 0.00	60.34 1.30 0.00	71.17 1.46 0.00	69.35 1.43 0.00	65.07 1.28 0.00	63.80 1.19 0.00	63.19 1.06 0.00	64.35 1.08 0.00	65.27 1.15 0.00	69.24 1.16 0.00	75.49 1.33 0.00	79.42 1.71 0.00	83.49 1.72 0.00	75.52 1.63 0.00	68.66 1.48 0.00	64.06 1.44 0.00	58.05 1.24 -0.57	50.63 1.04 0.00	45.65 0.94 0.00
BOONVILLE_115KV_TB1 79983	45.99 0.09 0.00	42.89 0.17 0.00	42.91 0.13 0.00	42.43 0.17 0.00	43.95 0.26 0.00	45.33 0.40 0.00	59.57 0.53 0.00	70.82 1.12 0.00	69.28 1.36 0.00	64.88 1.08 0.00	63.86 1.25 0.00	63.44 1.30 0.00	64.60 1.33 0.00	65.59 1.47 0.00	69.79 1.70 0.00	75.86 1.71 0.00	78.80 1.09 0.00	83.08 1.31 0.00	74.71 0.81 0.00	67.99 0.81 0.00	63.75 1.13 0.00	57.15 0.90 -0.02	50.18 0.60 0.00	45.25 0.54 0.00
BORALEX_4TH_BRANCH 23824	48.60 2.71 0.00	45.24 2.52 0.00	45.30 2.52 0.00	44.71 2.45 0.00	46.22 2.53 0.00	47.57 2.65 0.00	62.41 3.37 0.00	73.61 3.90 0.00	71.66 3.74 0.00	66.79 3.00 0.00	65.36 2.75 0.00	64.56 2.42 0.00	65.87 2.59 0.00	66.62 2.50 0.00	70.74 2.66 0.00	77.57 3.41 0.00	82.06 4.35 0.00	86.27 4.50 0.00	78.11 4.21 0.00	70.95 3.76 0.00	66.19 3.57 0.00	59.97 3.15 -0.58	52.32 2.73 0.00	46.95 2.24 0.00
BOWLINE___1 23526	48.10 2.20 0.00	44.77 2.05 0.00	44.70 1.93 0.00	44.04 1.77 0.00	45.44 1.75 0.00	46.99 2.07 0.00	61.82 2.78 0.00	72.63 2.93 0.00	70.98 3.06 0.00	66.79 3.00 0.00	65.43 2.82 0.00	64.81 2.67 0.00	66.06 2.78 0.00	67.01 2.89 0.00	70.95 2.86 0.00	77.12 2.97 0.00	81.36 3.65 0.00	85.70 3.92 0.00	77.30 3.40 0.00	70.34 3.16 0.00	65.50 2.88 0.00	59.33 2.64 -0.45	51.82 2.23 0.00	46.63 1.92 0.00
BOWLINE___2 23595	48.10 2.20 0.00	44.77 2.05 0.00	44.70 1.93 0.00	44.04 1.77 0.00	45.44 1.75 0.00	46.99 2.07 0.00	61.88 2.83 0.00	72.70 3.00 0.00	71.05 3.13 0.00	66.85 3.06 0.00	65.49 2.88 0.00	64.94 2.80 0.00	66.19 2.91 0.00	67.07 2.95 0.00	71.08 2.99 0.00	77.27 3.11 0.00	81.52 3.81 0.00	85.86 4.09 0.00	77.45 3.55 0.00	70.41 3.22 0.00	65.56 2.94 0.00	59.44 2.75 -0.45	51.92 2.33 0.00	46.68 1.97 0.00
BRADY___115KV_TB2 356060	43.60 -2.29 0.00	40.63 -2.09 0.00	40.72 -2.05 0.00	40.87 -1.39 0.00	42.38 -1.31 0.00	43.62 -1.30 0.00	57.21 -1.83 0.00	68.24 -1.46 0.00	66.97 -0.95 0.00	62.64 -1.15 0.00	61.67 -0.94 0.00	61.83 -0.31 0.00	63.40 0.13 0.00	64.63 0.51 0.00	68.43 0.34 0.00	74.75 0.59 0.00	76.54 -1.17 0.00	80.63 -1.14 0.00	72.49 -1.40 0.00	65.71 -1.48 0.00	62.18 -0.44 0.00	56.41 0.17 0.00	49.74 0.15 0.00	45.11 0.40 0.00
BRANSCOMB___SOLAR 323811	48.56 2.66 0.00	45.15 2.43 0.00	45.21 2.44 0.00	44.67 2.41 0.00	46.18 2.49 0.00	47.57 2.65 0.00	61.99 2.95 0.00	72.98 3.28 0.00	71.12 3.19 0.00	66.41 2.62 0.00	65.11 2.51 0.00	64.31 2.17 0.00	65.55 2.27 0.00	66.42 2.30 0.00	70.53 2.45 0.00	77.04 2.89 0.00	81.05 3.34 0.00	85.45 3.68 0.00	77.30 3.40 0.00	70.21 3.03 0.00	65.75 3.13 0.00	60.04 3.20 -0.59	52.36 2.78 0.00	47.08 2.37 0.00
BRDGHMPT_69_KV_BK1 55812	50.49 4.59 -0.01	46.61 3.89 0.00	46.37 3.59 0.00	45.77 3.51 0.00	47.53 3.84 0.00	49.42 4.49 -0.01	64.78 5.73 -0.01	74.38 4.67 0.00	72.00 4.08 0.00	68.32 4.53 0.00	67.36 4.76 0.00	66.55 4.41 0.00	67.07 3.80 0.00	68.73 4.62 0.00	72.51 4.43 0.00	77.05 2.89 0.00	84.71 6.99 -0.01	88.89 7.11 -0.01	80.56 6.65 -0.01	72.36 5.17 0.00	66.50 3.88 0.00	60.93 4.22 -0.47	56.73 3.67 -3.48	48.52 3.80 -0.01



BRENTWOD_69_KV_W. BRTWOOD 56703	49.99 4.08 -0.01	46.22 3.50 0.00	45.99 3.21 0.00	45.39 3.13 0.00	47.18 3.49 0.00	48.97 4.04 -0.01	64.37 5.31 -0.01	74.31 4.60 0.00	72.00 4.08 0.00	68.07 4.27 0.00	66.99 4.38 0.00	66.49 4.35 0.00	67.52 4.24 0.00	68.80 4.68 0.00	72.65 4.56 0.00	78.31 4.15 0.00	84.48 6.76 -0.01	88.81 7.03 -0.01	80.34 6.43 -0.01	72.90 5.71 0.00	67.57 4.95 0.00	61.49 4.78 -0.47	57.58 4.46 -3.53	48.61 3.89 -0.01
BRISTLHL_115KV_TB1 79998	44.66 -1.24 0.00	41.57 -1.15 0.00	41.62 -1.15 0.00	41.12 -1.14 0.00	42.51 -1.18 0.00	43.66 -1.26 0.00	57.45 -1.59 0.00	68.03 -1.67 0.00	66.23 -1.70 0.00	62.26 -1.53 0.00	61.17 -1.44 0.00	60.77 -1.37 0.00	61.82 -1.46 0.00	62.52 -1.60 0.00	66.45 -1.63 0.00	72.23 -1.93 0.00	75.61 -2.10 0.00	79.73 -2.04 0.00	72.05 -1.85 0.00	65.50 -1.68 0.00	60.93 -1.69 0.00	54.65 -1.63 -0.04	48.20 -1.39 0.00	43.46 -1.25 0.00
BROOKHAVEN___DRP 24191	49.67 3.76 -0.01	45.92 3.20 0.00	45.69 2.91 0.00	45.10 2.83 0.00	46.83 3.15 0.00	48.66 3.73 -0.01	63.83 4.78 -0.01	73.26 3.56 0.00	71.12 3.19 0.00	67.36 3.57 0.00	66.30 3.69 0.00	65.62 3.48 0.00	66.19 2.91 0.00	67.77 3.65 0.00	71.49 3.40 0.00	76.31 2.15 0.00	83.39 5.67 -0.01	87.59 5.81 -0.01	79.45 5.54 -0.01	71.69 4.50 0.00	66.19 3.57 0.00	60.70 3.99 -0.47	56.73 3.67 -3.47	48.21 3.49 -0.01
BROOKLYN_NAVY_YARD 23515	48.42 2.52 0.00	45.07 2.35 0.00	44.96 2.18 0.00	44.25 1.99 0.00	45.70 2.01 0.00	47.30 2.38 0.00	62.65 3.60 0.00	73.61 3.90 0.00	72.08 4.14 -0.02	77.92 4.09 -10.04	67.88 3.88 -1.39	71.79 3.85 -5.80	74.72 3.99 -7.45	73.74 3.91 -5.71	72.12 4.02 -0.02	78.32 4.15 -0.02	82.69 4.98 0.00	87.10 5.31 -0.02	78.57 4.66 -0.01	71.44 4.24 -0.02	66.52 3.88 -0.02	60.32 3.60 -0.48	52.51 2.92 0.00	47.17 2.46 0.00
BROOKLYN___ARMY_DRP 323595	48.97 3.07 0.00	45.54 2.82 0.00	45.39 2.61 0.00	44.59 2.32 0.00	46.09 2.40 0.00	47.62 2.70 0.00	62.94 3.90 0.00	73.89 4.18 0.00	72.15 4.21 -0.02	78.19 4.21 -10.19	68.08 4.07 -1.41	71.40 3.36 -5.91	74.29 3.42 -7.60	74.01 4.10 -5.79	72.32 4.22 -0.02	78.62 4.45 -0.02	82.92 5.21 0.00	87.27 5.48 -0.02	78.78 4.88 0.00	71.57 4.37 -0.02	66.83 4.20 -0.02	60.66 3.94 -0.48	52.86 3.27 0.00	47.53 2.82 0.00
BROOME_2_LFGE 323671	45.99 0.09 0.00	42.85 0.13 0.00	42.86 0.09 0.00	42.35 0.08 0.00	43.77 0.09 0.00	44.92 0.00 0.00	59.22 0.18 0.00	69.92 0.21 0.00	67.86 -0.07 0.00	63.73 -0.06 0.00	62.67 0.06 0.00	62.20 0.06 0.00	63.28 0.00 0.00	64.05 -0.06 0.00	68.02 -0.07 0.00	74.08 -0.07 0.00	77.48 -0.23 0.00	81.69 -0.08 0.00	73.75 -0.15 0.00	67.12 -0.07 0.00	62.37 -0.25 0.00	55.66 -0.73 -0.16	49.44 -0.15 0.00	44.67 -0.04 0.00
BROOME___LFGE 323600	45.99 0.09 0.00	42.85 0.13 0.00	42.86 0.09 0.00	42.35 0.08 0.00	43.77 0.09 0.00	44.92 0.00 0.00	59.22 0.18 0.00	69.92 0.21 0.00	67.86 -0.07 0.00	63.73 -0.06 0.00	62.67 0.06 0.00	62.20 0.06 0.00	63.28 0.00 0.00	64.05 -0.06 0.00	68.02 -0.07 0.00	74.08 -0.07 0.00	77.48 -0.23 0.00	81.69 -0.08 0.00	73.75 -0.15 0.00	67.12 -0.07 0.00	62.37 -0.25 0.00	55.66 -0.73 -0.16	49.44 -0.15 0.00	44.67 -0.04 0.00
BROWNFLS_115KV_TB_3_5 80003	43.65 -2.25 0.00	40.71 -2.01 0.00	40.77 -2.01 0.00	40.62 -1.65 0.00	42.11 -1.57 0.00	43.31 -1.62 0.00	56.56 -2.48 0.00	67.48 -2.23 0.00	66.43 -1.49 0.00	62.07 -1.72 0.00	61.42 -1.19 0.00	61.27 -0.87 0.00	62.71 -0.57 0.00	63.80 -0.32 0.00	67.75 -0.34 0.00	73.71 -0.44 0.00	75.30 -2.41 0.00	79.32 -2.45 0.00	71.31 -2.59 0.00	64.83 -2.35 0.00	61.43 -1.19 0.00	55.52 -0.73 -0.01	48.79 -0.79 0.00	44.22 -0.49 0.00
BROWNSV1_27_KV_LOAD 356125	48.88 2.98 0.00	45.50 2.78 0.00	45.34 2.57 0.00	44.63 2.37 0.00	46.13 2.45 0.00	47.75 2.83 0.00	63.18 4.13 0.00	74.38 4.67 0.00	72.76 4.82 -0.02	78.55 4.72 -10.04	68.50 4.51 -1.39	72.34 4.41 -5.80	75.16 4.43 -7.45	74.38 4.55 -5.71	72.80 4.70 -0.02	79.14 4.97 -0.02	83.46 5.75 0.00	87.92 6.13 -0.02	79.29 5.39 0.00	72.04 4.84 -0.02	67.14 4.51 -0.02	60.82 4.11 -0.48	52.96 3.37 0.00	47.57 2.86 0.00
BURROWS___LYONSDAL 23803	45.62 -0.28 0.00	42.51 -0.21 0.00	42.52 -0.26 0.00	42.09 -0.17 0.00	43.60 -0.09 0.00	44.97 0.04 0.00	59.10 0.06 0.00	70.26 0.56 0.00	68.88 0.95 0.00	64.49 0.70 0.00	63.48 0.88 0.00	63.07 0.93 0.00	64.29 1.01 0.00	65.27 1.15 0.00	69.45 1.36 0.00	75.49 1.33 0.00	78.18 0.47 0.00	82.43 0.65 0.00	74.19 0.30 0.00	67.52 0.34 0.00	63.37 0.75 0.00	56.82 0.56 -0.02	49.89 0.30 0.00	44.98 0.27 0.00
CAITHNESS_CC_1 323624	49.53 3.62 -0.01	45.80 3.08 0.00	45.56 2.78 0.00	44.97 2.71 0.00	46.70 3.01 0.00	48.53 3.60 -0.01	63.60 4.55 -0.01	72.98 3.28 0.00	71.25 3.33 0.00	67.04 3.25 0.00	66.05 3.44 0.00	65.43 3.29 0.00	66.19 2.91 0.00	67.58 3.46 0.00	71.36 3.27 0.00	75.86 1.71 0.00	82.77 5.05 -0.01	87.26 5.48 -0.01	79.00 5.10 -0.01	71.55 4.36 0.00	66.06 3.44 0.00	60.59 3.88 -0.47	56.63 3.57 -3.47	48.12 3.40 -0.01
CALPINE BETH_PAGE_GT4 24209	49.25 3.35 -0.01	45.63 2.90 0.00	45.43 2.65 0.00	44.84 2.58 0.00	46.48 2.80 0.00	48.17 3.23 -0.01	63.19 4.13 -0.01	73.26 3.56 0.00	71.19 3.26 0.00	67.24 3.44 0.00	66.18 3.57 0.00	65.74 3.60 0.00	66.82 3.54 0.00	67.97 3.85 0.00	71.76 3.68 0.00	77.49 3.34 0.00	83.16 5.44 -0.01	87.50 5.72 -0.01	79.08 5.17 -0.01	71.82 4.64 0.00	66.69 4.07 0.00	60.76 4.05 -0.47	57.10 3.57 -3.94	47.85 3.13 -0.01
CALPINE_BETH_PAGE_GT_4 323586	49.25 3.35 -0.01	45.63 2.91 0.00	45.43 2.65 0.00	44.84 2.58 0.00	46.48 2.80 0.00	48.17 3.24 -0.01	63.18 4.13 -0.01	73.19 3.48 0.00	71.39 3.46 0.00	67.17 3.38 0.00	66.17 3.57 0.00	65.74 3.60 0.00	66.88 3.60 0.00	67.97 3.85 0.00	71.76 3.67 0.00	77.27 3.11 0.00	83.08 5.36 -0.01	87.50 5.72 -0.01	79.00 5.10 -0.01	71.82 4.63 0.00	66.69 4.07 0.00	60.76 4.05 -0.47	57.10 3.57 -3.94	47.85 3.13 -0.01
CALPINE_BP_GT1 23823	49.25 3.35 -0.01	45.63 2.91 0.00	45.43 2.65 0.00	44.84 2.58 0.00	46.48 2.80 0.00	48.17 3.24 -0.01	63.18 4.13 -0.01	73.19 3.48 0.00	71.39 3.46 0.00	67.17 3.38 0.00	66.17 3.57 0.00	65.74 3.60 0.00	66.88 3.60 0.00	67.97 3.85 0.00	71.76 3.67 0.00	77.27 3.11 0.00	83.08 5.36 -0.01	87.50 5.72 -0.01	79.00 5.10 -0.01	71.82 4.63 0.00	66.69 4.07 0.00	60.76 4.05 -0.47	57.10 3.57 -3.94	47.85 3.13 -0.01
CALSPAN___DRP 24200	45.16 -0.73 0.00	41.95 -0.77 0.00	42.01 -0.77 0.00	41.59 -0.68 0.00	43.12 -0.57 0.00	43.35 -1.57 0.00	56.80 -2.24 0.00	67.06 -2.65 0.00	64.46 -3.46 0.00	61.18 -2.62 0.00	60.29 -2.32 0.00	60.15 -1.99 0.00	60.81 -2.47 0.00	61.43 -2.69 0.00	64.89 -3.20 0.00	70.74 -3.41 0.00	73.12 -4.58 0.00	77.60 -4.17 0.00	69.98 -3.92 0.00	63.56 -3.63 0.00	58.93 -3.69 0.00	51.71 -4.61 -0.08	47.31 -2.28 0.00	43.28 -1.43 0.00

CALVERTON___SOLAR 323806	49.85 3.95 -0.01	46.05 3.33 0.00	45.81 3.04 0.00	45.26 3.00 0.00	46.96 3.28 0.00	48.84 3.91 -0.01	64.01 4.96 -0.01	73.47 3.76 0.00	71.73 3.80 0.00	67.49 3.70 0.00	66.55 3.95 0.00	65.80 3.67 0.00	66.38 3.10 0.00	67.97 3.85 0.00	71.69 3.61 0.00	76.01 1.85 0.00	83.47 5.75 -0.01	87.92 6.14 -0.01	79.60 5.69 -0.01	71.96 4.77 0.00	66.25 3.63 0.00	60.82 4.10 -0.47	56.78 3.72 -3.47	48.39 3.67 -0.01
CANDIGU_WT_PWR 323617	45.07 -0.82 0.00	41.95 -0.77 0.00	42.01 -0.77 0.00	41.63 -0.63 0.00	43.16 -0.52 0.00	43.93 -0.99 0.00	57.92 -1.12 0.00	68.24 -1.47 0.00	65.82 -2.11 0.00	61.94 -1.85 0.00	60.98 -1.63 0.00	60.71 -1.43 0.00	61.57 -1.71 0.00	62.26 -1.86 0.00	65.91 -2.18 0.00	71.86 -2.30 0.00	74.84 -2.87 0.00	79.15 -2.62 0.00	71.46 -2.44 0.00	64.90 -2.28 0.00	60.24 -2.38 0.00	53.08 -3.26 -0.11	47.95 -1.64 0.00	43.55 -1.16 0.00
CARR STREET_E_SYR 24060	45.11 -0.78 0.00	41.99 -0.73 0.00	42.05 -0.73 0.00	41.54 -0.72 0.00	42.94 -0.74 0.00	44.12 -0.81 0.00	57.92 -1.12 0.00	68.45 -1.25 0.00	66.63 -1.29 0.00	62.65 -1.15 0.00	61.54 -1.06 0.00	61.14 -1.00 0.00	62.20 -1.08 0.00	62.97 -1.15 0.00	66.93 -1.16 0.00	72.89 -1.26 0.00	76.23 -1.48 0.00	80.30 -1.47 0.00	72.57 -1.33 0.00	65.91 -1.28 0.00	61.37 -1.25 0.00	54.99 -1.29 -0.05	48.64 -0.94 0.00	43.91 -0.80 0.00
CARTHAGE___PAPER 23857	44.79 -1.10 0.00	41.78 -0.94 0.00	41.75 -1.03 0.00	41.37 -0.89 0.00	42.94 -0.74 0.00	44.34 -0.59 0.00	58.16 -0.88 0.00	69.43 -0.28 0.00	68.06 0.14 0.00	63.41 -0.38 0.00	62.42 -0.19 0.00	62.14 0.00 0.00	63.40 0.13 0.00	64.38 0.26 0.00	68.63 0.54 0.00	74.68 0.52 0.00	77.01 -0.70 0.00	81.61 -0.16 0.00	73.31 -0.59 0.00	66.78 -0.40 0.00	63.00 0.38 0.00	56.54 0.28 -0.02	49.49 -0.10 0.00	44.62 -0.09 0.00
CASSADAGA_WT_PWR 323784	44.47 -1.42 0.00	41.40 -1.32 0.00	41.41 -1.37 0.00	41.16 -1.10 0.00	42.77 -0.92 0.00	43.26 -1.66 0.00	57.15 -1.89 0.00	67.34 -2.37 0.00	64.60 -3.33 0.00	61.17 -2.62 0.00	60.29 -2.32 0.00	60.15 -1.99 0.00	60.87 -2.40 0.00	61.43 -2.69 0.00	65.02 -3.06 0.00	70.67 -3.48 0.00	73.44 -4.27 0.00	77.69 -4.09 0.00	70.35 -3.55 0.00	63.76 -3.42 0.00	58.93 -3.69 0.00	51.32 -5.01 -0.08	47.36 -2.23 0.00	43.24 -1.47 0.00
CE_DUNWOOD___DRP 24194	48.37 2.48 0.00	44.98 2.26 0.00	44.92 2.14 0.00	44.25 1.99 0.00	45.70 2.01 0.00	47.26 2.34 0.00	62.35 3.31 0.00	73.33 3.62 0.00	71.66 3.74 0.00	67.49 3.70 0.00	66.11 3.51 0.00	65.49 3.36 0.00	66.69 3.42 0.00	67.64 3.53 0.00	71.70 3.61 0.00	77.94 3.78 0.00	82.29 4.58 0.00	86.51 4.74 0.00	78.11 4.21 0.00	71.01 3.83 0.00	66.13 3.51 0.00	59.96 3.26 -0.46	52.32 2.73 0.00	46.99 2.28 0.00
CE_MILLWOOD___DRP 24193	48.28 2.39 0.00	44.94 2.22 0.00	44.83 2.05 0.00	44.21 1.94 0.00	45.65 1.97 0.00	47.17 2.25 0.00	62.23 3.19 0.00	73.12 3.42 0.00	71.46 3.53 0.00	67.30 3.51 0.00	65.92 3.32 0.00	65.31 3.17 0.00	66.50 3.23 0.00	67.45 3.33 0.00	71.56 3.47 0.00	77.79 3.63 0.00	82.06 4.35 0.00	86.27 4.50 0.00	77.96 4.06 0.00	70.81 3.63 0.00	66.00 3.38 0.00	59.79 3.09 -0.46	52.17 2.58 0.00	46.90 2.19 0.00
CE_NYC2_DRP 24202	48.79 2.89 0.00	45.37 2.65 0.00	45.26 2.48 0.00	44.50 2.24 0.00	45.96 2.27 0.00	47.57 2.65 0.00	62.88 3.84 0.00	73.82 4.11 0.00	72.22 4.28 -0.02	78.19 4.21 -10.19	68.08 4.07 -1.41	71.81 3.79 -5.88	74.64 3.80 -7.56	74.01 4.10 -5.79	72.32 4.22 -0.02	78.62 4.45 -0.02	82.92 5.21 0.00	87.18 5.40 -0.02	78.70 4.80 0.00	71.50 4.30 -0.02	66.71 4.07 -0.02	60.49 3.77 -0.48	52.76 3.17 0.00	47.44 2.73 0.00
CE_NYC_DRP 24195	48.56 2.66 0.00	45.20 2.48 0.00	45.09 2.31 0.00	44.38 2.11 0.00	45.83 2.14 0.00	47.44 2.52 0.00	62.76 3.72 0.00	73.89 4.18 0.00	72.29 4.35 -0.02	78.06 4.27 -10.00	68.06 4.07 -1.38	71.88 3.98 -5.77	74.74 4.05 -7.42	73.97 4.17 -5.68	72.32 4.22 -0.02	78.62 4.45 -0.02	82.92 5.21 0.00	87.27 5.48 -0.02	78.78 4.88 0.00	71.57 4.37 -0.02	66.64 4.01 -0.02	60.43 3.71 -0.48	52.61 3.02 0.00	47.26 2.55 0.00
CHAFFEE___LFGE 323603	45.21 -0.69 0.00	41.99 -0.73 0.00	41.96 -0.81 0.00	41.59 -0.68 0.00	43.16 -0.52 0.00	43.44 -1.48 0.00	56.98 -2.07 0.00	67.34 -2.37 0.00	64.73 -3.19 0.00	61.43 -2.36 0.00	60.48 -2.13 0.00	60.33 -1.80 0.00	61.06 -2.22 0.00	61.75 -2.37 0.00	65.36 -2.73 0.00	71.11 -3.04 0.00	73.75 -3.96 0.00	77.93 -3.84 0.00	70.50 -3.40 0.00	63.96 -3.22 0.00	59.18 -3.44 0.00	51.71 -4.61 -0.08	47.46 -2.13 0.00	43.37 -1.34 0.00
CHATEAUG_35_KV_LOAD 355732	42.59 -3.30 0.00	39.69 -3.03 0.00	39.87 -2.91 0.00	40.07 -2.20 0.00	41.59 -2.10 0.00	42.90 -2.02 0.00	56.45 -2.60 0.00	67.34 -2.37 0.00	66.16 -1.77 0.00	62.13 -1.66 0.00	61.29 -1.31 0.00	61.45 -0.68 0.00	63.09 -0.19 0.00	64.25 0.13 0.00	68.02 -0.07 0.00	74.30 0.15 0.00	76.08 -1.63 0.00	79.97 -1.80 0.00	71.83 -2.07 0.00	65.10 -2.08 0.00	61.43 -1.19 0.00	55.73 -0.51 0.00	49.19 -0.40 0.00	44.53 -0.18 0.00
CHATEAUG_WT_PWR 323614	42.64 -3.26 0.00	39.69 -3.03 0.00	39.87 -2.91 0.00	40.06 -2.20 0.00	41.59 -2.10 0.00	42.86 -2.07 0.00	56.39 -2.66 0.00	67.20 -2.51 0.00	66.09 -1.83 0.00	62.13 -1.66 0.00	61.29 -1.32 0.00	61.45 -0.68 0.00	63.09 -0.19 0.00	64.25 0.13 0.00	68.02 -0.07 0.00	74.23 0.07 0.00	75.93 -1.78 0.00	79.81 -1.96 0.00	71.61 -2.29 0.00	64.97 -2.22 0.00	61.30 -1.32 0.00	55.57 -0.67 0.00	49.09 -0.50 0.00	44.45 -0.27 0.00
CHAT_HIGH_FALL_HYD 323578	42.59 -3.30 0.00	39.69 -3.03 0.00	39.87 -2.91 0.00	40.07 -2.20 0.00	41.59 -2.10 0.00	42.90 -2.02 0.00	56.45 -2.60 0.00	67.34 -2.37 0.00	66.16 -1.77 0.00	62.13 -1.66 0.00	61.29 -1.31 0.00	61.45 -0.68 0.00	63.09 -0.19 0.00	64.25 0.13 0.00	68.02 -0.07 0.00	74.30 0.15 0.00	76.08 -1.63 0.00	79.97 -1.80 0.00	71.83 -2.07 0.00	65.10 -2.08 0.00	61.43 -1.19 0.00	55.73 -0.51 0.00	49.19 -0.40 0.00	44.53 -0.18 0.00
CHAUTAUQUA___LFGE 323629	44.88 -1.01 0.00	41.78 -0.94 0.00	41.79 -0.98 0.00	41.42 -0.84 0.00	42.99 -0.70 0.00	43.44 -1.48 0.00	57.15 -1.89 0.00	67.34 -2.37 0.00	64.67 -3.26 0.00	61.24 -2.55 0.00	60.36 -2.25 0.00	60.15 -1.99 0.00	60.87 -2.40 0.00	61.49 -2.63 0.00	65.09 -2.99 0.00	70.89 -3.26 0.00	73.59 -4.12 0.00	77.93 -3.84 0.00	70.50 -3.40 0.00	63.89 -3.29 0.00	59.11 -3.51 0.00	51.71 -4.61 -0.08	47.46 -2.13 0.00	43.33 -1.39 0.00
CHERRYST_13_KV_LD 356241	48.69 2.80 0.00	45.28 2.56 0.00	45.17 2.40 0.00	44.46 2.20 0.00	45.96 2.27 0.00	47.57 2.65 0.00	62.94 3.90 0.00	74.10 4.39 0.00	72.56 4.62 -0.02	78.32 4.53 -10.00	68.31 4.32 -1.38	72.13 4.23 -5.77	74.93 4.24 -7.42	74.16 4.36 -5.68	72.60 4.49 -0.02	78.92 4.75 -0.02	83.23 5.52 0.00	87.59 5.81 -0.02	79.00 5.10 0.00	71.77 4.57 -0.02	66.83 4.20 -0.02	60.54 3.82 -0.48	52.76 3.17 0.00	47.39 2.68 0.00

CHESTROR_138KV_BK263 355645	47.91 2.02 0.00	44.60 1.88 0.00	44.57 1.80 0.00	43.91 1.65 0.00	45.39 1.70 0.00	46.85 1.93 0.00	61.70 2.66 0.00	72.63 2.93 0.00	70.91 2.99 0.00	66.66 2.87 0.00	65.30 2.69 0.00	64.75 2.61 0.00	65.93 2.66 0.00	66.88 2.76 0.00	70.95 2.86 0.00	77.12 2.97 0.00	81.36 3.65 0.00	85.53 3.76 0.00	77.30 3.40 0.00	70.21 3.02 0.00	65.38 2.76 0.00	59.20 2.53 -0.43	51.77 2.18 0.00	46.54 1.83 0.00
CH_MIDHUDSON___DRP 24192	48.19 2.29 0.00	44.86 2.14 0.00	44.83 2.05 0.00	44.21 1.94 0.00	45.65 1.97 0.00	47.12 2.20 0.00	62.11 3.07 0.00	73.12 3.42 0.00	71.46 3.53 0.00	67.24 3.44 0.00	65.80 3.19 0.00	65.18 3.04 0.00	66.44 3.16 0.00	67.39 3.27 0.00	71.49 3.40 0.00	77.71 3.56 0.00	81.98 4.27 0.00	86.19 4.42 0.00	77.89 3.99 0.00	70.75 3.56 0.00	65.94 3.32 0.00	59.69 2.98 -0.47	52.12 2.53 0.00	46.81 2.10 0.00
CH_MISC_IPPS 23765	48.37 2.48 0.00	45.07 2.35 0.00	45.00 2.22 0.00	44.38 2.11 0.00	45.87 2.18 0.00	47.35 2.42 0.00	62.35 3.30 0.00	73.40 3.69 0.00	71.79 3.87 0.00	67.62 3.83 0.00	66.17 3.57 0.00	65.55 3.42 0.00	66.88 3.60 0.00	67.84 3.72 0.00	71.90 3.81 0.00	78.08 3.93 0.00	82.45 4.74 0.00	86.68 4.91 0.00	78.26 4.36 0.00	71.15 3.96 0.00	66.19 3.57 0.00	59.96 3.26 -0.47	52.31 2.73 0.00	46.99 2.28 0.00
CH_RES_BVR_FALLS 23983	45.21 -0.69 0.00	42.08 -0.64 0.00	42.18 -0.60 0.00	41.80 -0.46 0.00	43.25 -0.44 0.00	44.47 -0.45 0.00	58.45 -0.59 0.00	69.15 -0.56 0.00	67.45 -0.47 0.00	63.35 -0.44 0.00	62.23 -0.37 0.00	61.89 -0.25 0.00	63.15 -0.13 0.00	64.05 -0.06 0.00	67.95 -0.14 0.00	74.08 -0.07 0.00	77.25 -0.46 0.00	81.20 -0.57 0.00	73.31 -0.59 0.00	66.64 -0.54 0.00	62.25 -0.37 0.00	56.01 -0.22 0.00	49.39 -0.20 0.00	44.58 -0.13 0.00
CH_RES_NIAGARA 23895	43.92 -1.97 0.00	40.80 -1.92 0.00	40.81 -1.97 0.00	40.45 -1.82 0.00	41.85 -1.83 0.00	41.96 -2.96 0.00	54.62 -4.43 0.00	64.48 -5.23 0.00	62.02 -5.91 0.00	59.07 -4.72 0.00	58.10 -4.51 0.00	58.04 -4.10 0.00	58.66 -4.62 0.00	59.25 -4.87 0.00	62.57 -5.52 0.00	68.30 -5.86 0.00	70.40 -7.30 0.00	74.66 -7.11 0.00	67.25 -6.65 0.00	61.14 -6.05 0.00	56.73 -5.89 0.00	50.63 -5.68 -0.07	45.62 -3.97 0.00	41.89 -2.82 0.00
CH_RES_SYRACUSE 23985	45.35 -0.55 0.00	42.21 -0.51 0.00	42.27 -0.51 0.00	41.80 -0.46 0.00	43.16 -0.52 0.00	44.39 -0.54 0.00	58.40 -0.65 0.00	69.15 -0.56 0.00	67.31 -0.61 0.00	63.22 -0.58 0.00	62.17 -0.44 0.00	61.77 -0.37 0.00	62.84 -0.44 0.00	63.60 -0.52 0.00	67.61 -0.47 0.00	73.56 -0.60 0.00	76.93 -0.78 0.00	81.11 -0.66 0.00	73.31 -0.59 0.00	66.58 -0.61 0.00	61.93 -0.69 0.00	55.50 -0.79 -0.05	48.99 -0.59 0.00	44.18 -0.53 0.00
CLINTON_WT_PWR 323605	42.64 -3.26 0.00	39.69 -3.03 0.00	39.87 -2.91 0.00	40.06 -2.20 0.00	41.59 -2.10 0.00	42.86 -2.07 0.00	56.39 -2.66 0.00	67.20 -2.51 0.00	66.09 -1.83 0.00	62.13 -1.66 0.00	61.29 -1.32 0.00	61.45 -0.68 0.00	63.09 -0.19 0.00	64.25 0.13 0.00	68.02 -0.07 0.00	74.23 0.07 0.00	75.93 -1.78 0.00	79.81 -1.96 0.00	71.61 -2.29 0.00	64.97 -2.22 0.00	61.30 -1.32 0.00	55.57 -0.67 0.00	49.09 -0.50 0.00	44.45 -0.27 0.00
CLINTON___LFGE 323618	43.05 -2.85 0.00	40.11 -2.61 0.00	40.25 -2.52 0.00	40.49 -1.77 0.00	42.03 -1.66 0.00	43.35 -1.57 0.00	57.10 -1.95 0.00	68.03 -1.67 0.00	66.91 -1.02 0.00	62.84 -0.96 0.00	61.98 -0.63 0.00	62.14 0.00 0.00	63.78 0.50 0.00	65.02 0.90 0.00	68.84 0.75 0.00	75.27 1.11 0.00	76.93 -0.78 0.00	80.95 -0.82 0.00	72.71 -1.19 0.00	65.84 -1.34 0.00	62.19 -0.44 0.00	56.29 0.06 0.00	49.74 0.15 0.00	45.03 0.32 0.00
COBBLENY_34_KV_TB1 80064	45.21 -0.69 0.00	41.99 -0.73 0.00	42.05 -0.73 0.00	41.67 -0.59 0.00	43.16 -0.52 0.00	43.44 -1.48 0.00	56.98 -2.07 0.00	67.27 -2.44 0.00	64.66 -3.26 0.00	61.43 -2.36 0.00	60.48 -2.13 0.00	60.33 -1.80 0.00	61.00 -2.28 0.00	61.68 -2.44 0.00	65.16 -2.93 0.00	71.04 -3.11 0.00	73.44 -4.27 0.00	77.85 -3.93 0.00	70.20 -3.69 0.00	63.83 -3.36 0.00	59.18 -3.44 0.00	51.71 -4.61 -0.08	47.46 -2.13 0.00	43.37 -1.34 0.00
COFFEEN___115KV_TB3 355620	45.30 -0.60 0.00	42.29 -0.43 0.00	42.22 -0.56 0.00	41.80 -0.46 0.00	43.34 -0.35 0.00	44.83 -0.09 0.00	58.93 -0.12 0.00	70.40 0.70 0.00	68.74 0.82 0.00	63.98 0.19 0.00	62.92 0.31 0.00	62.57 0.43 0.00	63.78 0.51 0.00	64.76 0.64 0.00	69.11 1.02 0.00	75.19 1.04 0.00	77.87 0.16 0.00	82.67 0.90 0.00	74.34 0.44 0.00	67.79 0.60 0.00	63.81 1.19 0.00	57.16 0.90 -0.03	49.93 0.35 0.00	44.94 0.22 0.00
COLDSPRG_115KV_BK1 355956	45.39 -0.50 0.00	42.21 -0.51 0.00	42.26 -0.51 0.00	41.93 -0.34 0.00	43.47 -0.22 0.00	44.07 -0.85 0.00	58.28 -0.77 0.00	68.66 -1.05 0.00	65.89 -2.04 0.00	62.32 -1.47 0.00	61.42 -1.19 0.00	61.14 -0.99 0.00	61.82 -1.46 0.00	62.52 -1.60 0.00	66.04 -2.04 0.00	71.78 -2.37 0.00	74.45 -3.26 0.00	78.99 -2.78 0.00	71.39 -2.51 0.00	64.83 -2.35 0.00	59.99 -2.63 0.00	51.71 -4.61 -0.09	48.20 -1.39 0.00	43.95 -0.76 0.00
COLONIE_LFGE___ 323577	47.91 2.02 0.00	44.56 1.84 0.00	44.66 1.88 0.00	44.08 1.82 0.00	45.56 1.88 0.00	46.90 1.97 0.00	61.47 2.42 0.00	72.42 2.72 0.00	70.57 2.65 0.00	65.96 2.17 0.00	64.61 2.00 0.00	63.94 1.80 0.00	65.11 1.84 0.00	66.04 1.92 0.00	70.06 1.98 0.00	76.60 2.44 0.00	80.66 2.95 0.00	84.88 3.11 0.00	76.86 2.96 0.00	69.80 2.62 0.00	65.19 2.57 0.00	59.19 2.36 -0.59	51.62 2.03 0.00	46.45 1.74 0.00
COOPERNY_115KV_TB1 80082	47.41 1.51 0.00	44.17 1.45 0.00	44.15 1.37 0.00	43.53 1.27 0.00	45.00 1.31 0.00	46.40 1.48 0.00	61.11 2.07 0.00	72.01 2.30 0.00	70.23 2.31 0.00	66.02 2.23 0.00	64.67 2.07 0.00	64.19 2.05 0.00	65.30 2.02 0.00	66.23 2.12 0.00	70.27 2.18 0.00	76.45 2.30 0.00	80.43 2.72 0.00	84.63 2.86 0.00	76.49 2.59 0.00	69.54 2.35 0.00	64.75 2.13 0.00	58.50 1.91 -0.35	51.22 1.64 0.00	46.10 1.39 0.00
COPENHAGEN_WT_PWR 323753	45.02 -0.87 0.00	41.99 -0.73 0.00	41.96 -0.81 0.00	41.54 -0.72 0.00	43.07 -0.61 0.00	44.47 -0.45 0.00	58.45 -0.59 0.00	69.78 0.07 0.00	68.13 0.20 0.00	63.54 -0.25 0.00	62.48 -0.12 0.00	62.14 0.00 0.00	63.40 0.13 0.00	64.31 0.19 0.00	68.63 0.54 0.00	74.60 0.45 0.00	77.25 -0.46 0.00	81.94 0.16 0.00	73.68 -0.22 0.00	67.12 -0.07 0.00	63.12 0.50 0.00	56.60 0.34 -0.03	49.54 -0.05 0.00	44.62 -0.09 0.00
CORNELL_____ 23752	46.35 0.46 0.00	43.19 0.47 0.00	43.20 0.43 0.00	42.73 0.46 0.00	44.17 0.48 0.00	45.42 0.49 0.00	59.93 0.89 0.00	71.03 1.32 0.00	68.94 1.02 0.00	64.62 0.83 0.00	63.42 0.81 0.00	62.94 0.81 0.00	63.97 0.70 0.00	64.76 0.64 0.00	68.90 0.82 0.00	75.12 0.96 0.00	78.56 0.85 0.00	83.08 1.31 0.00	75.08 1.18 0.00	68.26 1.07 0.00	63.56 0.94 0.00	56.75 0.39 -0.12	50.13 0.55 0.00	45.20 0.49 0.00

CORONA__69_KV_TB1 355595	49.21 3.30 -0.01	45.71 2.99 0.00	45.51 2.74 0.00	44.88 2.62 0.00	46.53 2.84 0.00	48.12 3.19 -0.01	63.37 4.31 -0.01	73.68 3.97 0.00	71.59 3.67 0.00	67.62 3.83 0.00	66.55 3.94 0.00	66.05 3.91 0.00	67.14 3.86 0.00	68.29 4.17 0.00	72.17 4.09 0.00	77.94 3.78 0.00	83.39 5.67 -0.01	87.75 5.97 -0.01	79.23 5.32 -0.01	72.09 4.90 0.00	66.88 4.26 0.00	60.65 3.94 -0.48	58.11 3.42 -5.10	47.76 3.04 -0.01
CORTLAND__115KV_TB3 80093	46.08 0.18 0.00	42.89 0.17 0.00	42.95 0.17 0.00	42.43 0.17 0.00	43.86 0.17 0.00	45.10 0.18 0.00	59.46 0.41 0.00	70.68 0.98 0.00	68.67 0.75 0.00	64.43 0.64 0.00	63.23 0.63 0.00	62.76 0.62 0.00	63.78 0.51 0.00	64.63 0.51 0.00	68.70 0.61 0.00	74.82 0.67 0.00	78.02 0.31 0.00	82.34 0.57 0.00	74.34 0.44 0.00	67.65 0.47 0.00	62.93 0.31 0.00	56.29 -0.06 -0.11	49.74 0.15 0.00	44.85 0.13 0.00
COXSACKIE__GT 23611	48.46 2.57 0.00	45.15 2.43 0.00	45.30 2.52 0.00	44.63 2.37 0.00	46.31 2.62 0.00	47.57 2.65 0.00	62.29 3.25 0.00	73.61 3.90 0.00	71.66 3.73 0.00	66.79 3.00 0.00	64.98 2.38 0.00	64.18 2.05 0.00	65.49 2.21 0.00	66.55 2.44 0.00	70.88 2.79 0.00	77.41 3.26 0.00	81.98 4.27 0.00	86.51 4.74 0.00	78.41 4.51 0.00	71.15 3.96 0.00	66.25 3.63 0.00	59.55 2.75 -0.55	52.21 2.63 0.00	47.04 2.32 0.00
CPV_VALLEY__CC1 323721	47.73 1.84 0.00	44.47 1.75 0.00	44.40 1.63 0.00	43.78 1.52 0.00	45.21 1.53 0.00	46.67 1.75 0.00	61.47 2.42 0.00	72.35 2.65 0.00	70.64 2.72 0.00	66.41 2.62 0.00	65.11 2.51 0.00	64.50 2.36 0.00	65.74 2.47 0.00	66.69 2.57 0.00	70.67 2.59 0.00	76.82 2.67 0.00	80.97 3.26 0.00	85.21 3.43 0.00	76.93 3.03 0.00	70.01 2.82 0.00	65.13 2.51 0.00	58.95 2.31 -0.40	51.57 1.99 0.00	46.37 1.66 0.00
CPV_VALLEY__CC2 323722	47.73 1.84 0.00	44.47 1.75 0.00	44.40 1.63 0.00	43.78 1.52 0.00	45.21 1.53 0.00	46.67 1.75 0.00	61.47 2.42 0.00	72.35 2.65 0.00	70.64 2.72 0.00	66.41 2.62 0.00	65.11 2.51 0.00	64.50 2.36 0.00	65.74 2.47 0.00	66.69 2.57 0.00	70.67 2.59 0.00	76.82 2.67 0.00	80.97 3.26 0.00	85.21 3.43 0.00	76.93 3.03 0.00	70.01 2.82 0.00	65.13 2.51 0.00	58.95 2.31 -0.40	51.57 1.99 0.00	46.37 1.66 0.00
CRESCENT__HYD 24018	47.91 2.02 0.00	44.56 1.84 0.00	44.66 1.88 0.00	44.08 1.82 0.00	45.56 1.88 0.00	46.90 1.97 0.00	61.47 2.42 0.00	72.42 2.72 0.00	70.57 2.65 0.00	65.96 2.17 0.00	64.61 2.00 0.00	63.94 1.80 0.00	65.11 1.84 0.00	66.04 1.92 0.00	70.06 1.98 0.00	76.60 2.44 0.00	80.66 2.95 0.00	84.88 3.11 0.00	76.86 2.96 0.00	69.80 2.62 0.00	65.19 2.57 0.00	59.19 2.36 -0.59	51.62 2.03 0.00	46.45 1.74 0.00
CRICKET__VALLEY_CC1 323756	47.82 1.93 0.00	44.51 1.79 0.00	44.44 1.67 0.00	43.87 1.61 0.00	45.26 1.57 0.00	46.76 1.84 0.00	61.64 2.59 0.00	72.42 2.72 0.00	70.78 2.85 0.00	66.53 2.74 0.00	65.11 2.51 0.00	64.50 2.36 0.00	65.74 2.47 0.00	66.62 2.50 0.00	70.61 2.52 0.00	76.90 2.75 0.00	81.12 3.42 0.00	85.37 3.59 0.00	77.07 3.18 0.00	70.14 2.95 0.00	65.31 2.69 0.00	59.26 2.53 -0.48	51.67 2.08 0.00	46.41 1.70 0.00
CRICKET__VALLEY_CC2 323757	47.82 1.93 0.00	44.51 1.79 0.00	44.44 1.67 0.00	43.87 1.61 0.00	45.26 1.57 0.00	46.76 1.84 0.00	61.64 2.59 0.00	72.42 2.72 0.00	70.78 2.85 0.00	66.53 2.74 0.00	65.11 2.51 0.00	64.50 2.36 0.00	65.74 2.47 0.00	66.62 2.50 0.00	70.61 2.52 0.00	76.90 2.75 0.00	81.12 3.42 0.00	85.37 3.59 0.00	77.07 3.18 0.00	70.14 2.95 0.00	65.31 2.69 0.00	59.26 2.53 -0.48	51.67 2.08 0.00	46.41 1.70 0.00
CRICKET__VALLEY_CC3 323758	47.82 1.93 0.00	44.51 1.79 0.00	44.44 1.67 0.00	43.87 1.61 0.00	45.26 1.57 0.00	46.76 1.84 0.00	61.64 2.59 0.00	72.42 2.72 0.00	70.78 2.85 0.00	66.53 2.74 0.00	65.11 2.51 0.00	64.50 2.36 0.00	65.74 2.47 0.00	66.62 2.50 0.00	70.61 2.52 0.00	76.90 2.75 0.00	81.12 3.42 0.00	85.37 3.59 0.00	77.07 3.18 0.00	70.14 2.95 0.00	65.31 2.69 0.00	59.26 2.53 -0.48	51.67 2.08 0.00	46.41 1.70 0.00
CRUCIBLE_METL_DRP 24180	45.34 -0.55 0.00	42.21 -0.51 0.00	42.26 -0.51 0.00	41.80 -0.46 0.00	43.16 -0.52 0.00	44.38 -0.54 0.00	58.39 -0.65 0.00	69.08 -0.63 0.00	67.25 -0.68 0.00	63.22 -0.57 0.00	62.17 -0.44 0.00	61.76 -0.37 0.00	62.83 -0.44 0.00	63.61 -0.51 0.00	67.61 -0.48 0.00	73.49 -0.67 0.00	76.93 -0.78 0.00	81.12 -0.65 0.00	73.23 -0.67 0.00	66.65 -0.54 0.00	61.93 -0.69 0.00	55.50 -0.79 -0.05	48.99 -0.60 0.00	44.18 -0.54 0.00
DAHOWA__HYDRO 323763	48.79 2.89 0.00	45.37 2.65 0.00	45.43 2.65 0.00	44.93 2.66 0.00	46.40 2.71 0.00	47.84 2.92 0.00	62.23 3.19 0.00	73.26 3.55 0.00	71.32 3.39 0.00	66.60 2.80 0.00	65.30 2.69 0.00	64.50 2.36 0.00	65.74 2.47 0.00	66.62 2.50 0.00	70.67 2.59 0.00	77.20 3.04 0.00	81.12 3.42 0.00	85.62 3.84 0.00	77.52 3.62 0.00	70.34 3.16 0.00	65.94 3.32 0.00	60.38 3.55 -0.60	52.66 3.08 0.00	47.35 2.64 0.00
DANC__LFGE 323619	44.88 -1.01 0.00	41.82 -0.90 0.00	41.84 -0.94 0.00	41.37 -0.89 0.00	42.85 -0.83 0.00	44.12 -0.81 0.00	57.98 -1.06 0.00	69.01 -0.70 0.00	67.31 -0.61 0.00	62.96 -0.83 0.00	61.92 -0.69 0.00	61.58 -0.56 0.00	62.77 -0.51 0.00	63.60 -0.52 0.00	67.75 -0.34 0.00	73.64 -0.52 0.00	76.55 -1.16 0.00	81.03 -0.74 0.00	73.02 -0.88 0.00	66.45 -0.74 0.00	62.19 -0.44 0.00	55.82 -0.45 -0.03	48.99 -0.59 0.00	44.18 -0.53 0.00
DANSKAMMER__1 23586	48.37 2.48 0.00	45.07 2.35 0.00	45.00 2.22 0.00	44.38 2.11 0.00	45.87 2.18 0.00	47.35 2.42 0.00	62.35 3.30 0.00	73.40 3.69 0.00	71.79 3.87 0.00	67.62 3.83 0.00	66.17 3.57 0.00	65.55 3.42 0.00	66.88 3.60 0.00	67.84 3.72 0.00	71.90 3.81 0.00	78.08 3.93 0.00	82.45 4.74 0.00	86.68 4.91 0.00	78.26 4.36 0.00	71.15 3.96 0.00	66.19 3.57 0.00	59.96 3.26 -0.47	52.31 2.73 0.00	46.99 2.28 0.00
DANSKAMMER__2 23589	48.37 2.48 0.00	45.07 2.35 0.00	45.00 2.22 0.00	44.38 2.11 0.00	45.87 2.18 0.00	47.35 2.42 0.00	62.35 3.30 0.00	73.40 3.69 0.00	71.79 3.87 0.00	67.62 3.83 0.00	66.17 3.57 0.00	65.55 3.42 0.00	66.88 3.60 0.00	67.84 3.72 0.00	71.90 3.81 0.00	78.08 3.93 0.00	82.45 4.74 0.00	86.68 4.91 0.00	78.26 4.36 0.00	71.15 3.96 0.00	66.19 3.57 0.00	59.96 3.26 -0.47	52.31 2.73 0.00	46.99 2.28 0.00
DANSKAMMER__3 23590	48.37 2.48 0.00	45.07 2.35 0.00	45.00 2.22 0.00	44.38 2.11 0.00	45.87 2.18 0.00	47.35 2.42 0.00	62.35 3.30 0.00	73.40 3.69 0.00	71.79 3.87 0.00	67.62 3.83 0.00	66.17 3.57 0.00	65.55 3.42 0.00	66.88 3.60 0.00	67.84 3.72 0.00	71.90 3.81 0.00	78.08 3.93 0.00	82.45 4.74 0.00	86.68 4.91 0.00	78.26 4.36 0.00	71.15 3.96 0.00	66.19 3.57 0.00	59.96 3.26 -0.47	52.31 2.73 0.00	46.99 2.28 0.00

DANSKAMMER___4 23591	48.37 2.48 0.00	45.07 2.35 0.00	45.00 2.22 0.00	44.38 2.11 0.00	45.87 2.18 0.00	47.35 2.42 0.00	62.35 3.30 0.00	73.40 3.69 0.00	71.79 3.87 0.00	67.62 3.83 0.00	66.17 3.57 0.00	65.55 3.42 0.00	66.88 3.60 0.00	67.84 3.72 0.00	71.90 3.81 0.00	78.08 3.93 0.00	82.45 4.74 0.00	86.68 4.91 0.00	78.26 4.36 0.00	71.15 3.96 0.00	66.19 3.57 0.00	59.96 3.26 -0.47	52.31 2.73 0.00	46.99 2.28 0.00
DANSKAMMER___DIESEL 23592	48.37 2.48 0.00	45.07 2.35 0.00	45.04 2.27 0.00	44.38 2.11 0.00	45.87 2.18 0.00	47.35 2.43 0.00	62.35 3.31 0.00	73.40 3.69 0.00	71.80 3.87 0.00	67.62 3.83 0.00	66.18 3.57 0.00	65.55 3.42 0.00	66.82 3.54 0.00	67.84 3.72 0.00	71.97 3.88 0.00	78.16 4.00 0.00	82.45 4.74 0.00	86.68 4.91 0.00	78.26 4.36 0.00	71.15 3.96 0.00	66.19 3.57 0.00	59.97 3.26 -0.47	52.32 2.73 0.00	46.99 2.28 0.00
DARBY___SOLAR 323810	48.56 2.66 0.00	45.15 2.43 0.00	45.26 2.48 0.00	44.71 2.45 0.00	46.18 2.49 0.00	47.62 2.70 0.00	61.99 2.95 0.00	72.98 3.28 0.00	71.05 3.13 0.00	66.35 2.55 0.00	65.11 2.51 0.00	64.31 2.17 0.00	65.55 2.27 0.00	66.42 2.30 0.00	70.47 2.38 0.00	77.04 2.89 0.00	80.97 3.26 0.00	85.37 3.59 0.00	77.30 3.40 0.00	70.14 2.95 0.00	65.69 3.07 0.00	60.04 3.20 -0.59	52.41 2.83 0.00	47.12 2.41 0.00
DASHVILLE___HYD 23610	47.82 1.93 0.00	44.51 1.79 0.00	44.53 1.75 0.00	43.87 1.61 0.00	45.39 1.70 0.00	46.76 1.84 0.00	61.58 2.54 0.00	72.49 2.79 0.00	70.85 2.92 0.00	66.66 2.87 0.00	65.17 2.57 0.00	64.56 2.42 0.00	65.81 2.53 0.00	66.81 2.69 0.00	70.88 2.79 0.00	77.05 2.89 0.00	81.36 3.65 0.00	85.53 3.76 0.00	77.30 3.40 0.00	70.27 3.09 0.00	65.38 2.76 0.00	58.86 2.14 -0.48	51.67 2.08 0.00	46.46 1.74 0.00
DELAWARE___LFGE 323621	46.90 1.01 0.00	43.66 0.94 0.00	43.72 0.94 0.00	43.15 0.89 0.00	44.65 0.96 0.00	45.96 1.03 0.00	60.52 1.48 0.00	71.45 1.74 0.00	69.62 1.70 0.00	65.39 1.59 0.00	64.23 1.63 0.00	63.69 1.55 0.00	64.79 1.52 0.00	65.72 1.60 0.00	69.86 1.77 0.00	75.93 1.78 0.00	79.65 1.94 0.00	83.90 2.13 0.00	75.67 1.77 0.00	68.86 1.68 0.00	64.19 1.57 0.00	57.68 1.24 -0.21	50.68 1.09 0.00	45.65 0.94 0.00
DERFIELD_115KV_TB7 355931	46.03 0.14 0.00	42.85 0.13 0.00	42.91 0.13 0.00	42.39 0.13 0.00	43.82 0.13 0.00	45.10 0.18 0.00	59.28 0.24 0.00	69.99 0.28 0.00	68.20 0.27 0.00	64.05 0.26 0.00	62.86 0.25 0.00	62.39 0.25 0.00	63.53 0.25 0.00	64.44 0.32 0.00	68.43 0.34 0.00	74.45 0.30 0.00	78.02 0.31 0.00	82.10 0.33 0.00	74.12 0.22 0.00	67.39 0.20 0.00	62.87 0.25 0.00	56.46 0.22 0.00	49.79 0.20 0.00	44.89 0.18 0.00
DOGLEVILLE___HYD 23807	49.80 3.90 0.00	46.35 3.63 0.00	46.37 3.59 0.00	45.81 3.55 0.00	47.36 3.67 0.00	48.74 3.82 0.00	63.89 4.84 0.00	75.49 5.79 0.00	73.43 5.50 0.00	68.96 5.17 0.00	68.05 5.45 0.00	67.60 5.47 0.00	68.84 5.57 0.00	69.70 5.58 0.00	73.87 5.79 0.00	80.24 6.08 0.00	83.46 5.75 0.00	87.66 5.89 0.00	79.15 5.25 0.00	72.09 4.90 0.00	67.32 4.70 0.00	60.62 4.39 0.00	53.55 3.97 0.00	48.38 3.67 0.00
DUNKIRK__115KV_TB_200 55889	44.98 -0.92 0.00	41.87 -0.85 0.00	41.88 -0.90 0.00	41.50 -0.76 0.00	43.03 -0.66 0.00	43.48 -1.44 0.00	57.21 -1.83 0.00	67.41 -2.30 0.00	64.66 -3.26 0.00	61.30 -2.49 0.00	60.35 -2.25 0.00	60.15 -1.99 0.00	60.87 -2.40 0.00	61.49 -2.63 0.00	64.95 -3.13 0.00	70.82 -3.34 0.00	73.36 -4.35 0.00	77.85 -3.93 0.00	70.28 -3.62 0.00	63.83 -3.36 0.00	59.11 -3.51 0.00	51.77 -4.56 -0.08	47.46 -2.13 0.00	43.42 -1.30 0.00
DUNKIRK___1 23563	44.98 -0.92 0.00	41.87 -0.85 0.00	41.88 -0.90 0.00	41.50 -0.76 0.00	43.03 -0.66 0.00	43.48 -1.44 0.00	57.21 -1.83 0.00	67.41 -2.30 0.00	64.66 -3.26 0.00	61.30 -2.49 0.00	60.35 -2.25 0.00	60.15 -1.99 0.00	60.87 -2.40 0.00	61.49 -2.63 0.00	64.95 -3.13 0.00	70.82 -3.34 0.00	73.36 -4.35 0.00	77.85 -3.93 0.00	70.28 -3.62 0.00	63.83 -3.36 0.00	59.11 -3.51 0.00	51.77 -4.56 -0.08	47.46 -2.13 0.00	43.42 -1.30 0.00
DUNKIRK___2 23564	44.98 -0.92 0.00	41.87 -0.85 0.00	41.88 -0.90 0.00	41.50 -0.76 0.00	43.03 -0.66 0.00	43.48 -1.44 0.00	57.21 -1.83 0.00	67.41 -2.30 0.00	64.66 -3.26 0.00	61.30 -2.49 0.00	60.35 -2.25 0.00	60.15 -1.99 0.00	60.87 -2.40 0.00	61.49 -2.63 0.00	64.95 -3.13 0.00	70.82 -3.34 0.00	73.36 -4.35 0.00	77.85 -3.93 0.00	70.28 -3.62 0.00	63.83 -3.36 0.00	59.11 -3.51 0.00	51.77 -4.56 -0.08	47.46 -2.13 0.00	43.42 -1.30 0.00
DUNKIRK___3 23565	45.02 -0.87 0.00	41.87 -0.85 0.00	41.92 -0.86 0.00	41.50 -0.76 0.00	43.03 -0.66 0.00	43.40 -1.53 0.00	57.04 -2.01 0.00	67.27 -2.44 0.00	64.53 -3.40 0.00	61.18 -2.62 0.00	60.23 -2.38 0.00	60.02 -2.11 0.00	60.74 -2.53 0.00	61.36 -2.76 0.00	64.82 -3.27 0.00	70.67 -3.49 0.00	73.20 -4.51 0.00	77.68 -4.09 0.00	70.13 -3.77 0.00	63.69 -3.49 0.00	59.05 -3.57 0.00	51.71 -4.61 -0.08	47.36 -2.23 0.00	43.33 -1.39 0.00
DUNKIRK___4 23566	45.02 -0.87 0.00	41.87 -0.85 0.00	41.92 -0.86 0.00	41.50 -0.76 0.00	43.03 -0.66 0.00	43.40 -1.53 0.00	57.04 -2.01 0.00	67.27 -2.44 0.00	64.53 -3.40 0.00	61.18 -2.62 0.00	60.23 -2.38 0.00	60.02 -2.11 0.00	60.74 -2.53 0.00	61.36 -2.76 0.00	64.82 -3.27 0.00	70.67 -3.49 0.00	73.20 -4.51 0.00	77.68 -4.09 0.00	70.13 -3.77 0.00	63.69 -3.49 0.00	59.05 -3.57 0.00	51.71 -4.61 -0.08	47.36 -2.23 0.00	43.33 -1.39 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	48.42 2.52 0.00	45.07 2.35 0.00	44.96 2.18 0.00	44.33 2.07 0.00	45.78 2.10 0.00	47.35 2.43 0.00	62.47 3.42 0.00	73.47 3.76 0.00	71.86 3.94 0.00	67.68 3.89 0.00	66.30 3.69 0.00	65.74 3.60 0.00	66.88 3.61 0.00	67.84 3.72 0.00	71.90 3.81 0.00	78.16 4.00 0.00	82.45 4.74 0.00	86.76 4.99 0.00	78.33 4.43 0.00	71.15 3.96 0.00	66.32 3.69 0.00	60.13 3.43 -0.47	52.41 2.83 0.00	47.08 2.37 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	48.14 2.25 0.00	44.81 2.09 0.00	44.79 2.01 0.00	44.12 1.86 0.00	45.61 1.92 0.00	47.08 2.16 0.00	62.00 2.95 0.00	73.05 3.35 0.00	71.32 3.40 0.00	67.11 3.32 0.00	65.67 3.07 0.00	65.12 2.98 0.00	66.31 3.04 0.00	67.32 3.21 0.00	71.42 3.34 0.00	77.64 3.49 0.00	81.91 4.20 0.00	86.11 4.33 0.00	77.74 3.84 0.00	70.68 3.49 0.00	65.81 3.19 0.00	59.56 2.87 -0.45	52.02 2.43 0.00	46.77 2.06 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	48.79 2.89 0.00	45.37 2.65 0.00	45.22 2.44 0.00	44.42 2.16 0.00	45.91 2.23 0.00	47.44 2.52 0.00	62.65 3.60 0.00	73.54 3.83 0.00	71.88 3.94 -0.02	67.77 3.96 -0.02	66.43 3.82 -0.01	65.62 3.48 -0.01	66.77 3.48 -0.01	67.91 3.78 -0.01	71.98 3.88 -0.02	78.25 4.08 -0.02	82.53 4.82 0.00	86.78 4.99 -0.02	78.33 4.43 0.00	71.16 3.96 -0.02	66.46 3.82 -0.02	60.26 3.54 -0.48	52.66 3.07 0.00	47.35 2.64 0.00

E179THST_13_KV_LOAD 356214	48.97 3.07 0.00	45.54 2.82 0.00	45.34 2.57 0.00	44.55 2.28 0.00	46.05 2.36 0.00	47.57 2.65 0.00	62.94 3.90 0.00	73.82 4.11 0.00	72.22 4.28 -0.02	68.09 4.27 -0.02	66.74 4.13 -0.01	65.94 3.79 -0.01	67.09 3.80 -0.01	68.23 4.10 -0.01	72.32 4.22 -0.02	78.62 4.45 -0.02	82.92 5.21 0.00	87.27 5.48 -0.02	78.78 4.88 0.00	71.57 4.37 -0.02	66.77 4.13 -0.02	60.54 3.82 -0.48	52.91 3.32 0.00	47.53 2.82 0.00
EAST HAMPTON___GT 23717	50.68 4.77 -0.01	46.74 4.01 0.00	46.50 3.72 0.00	45.94 3.68 0.00	47.62 3.93 0.00	49.56 4.63 -0.01	64.84 5.79 -0.01	74.38 4.67 0.00	72.34 4.41 0.00	68.13 4.34 0.00	67.30 4.70 0.00	66.48 4.35 0.00	67.07 3.80 0.00	68.60 4.49 0.00	72.38 4.29 0.00	76.46 2.30 0.00	84.32 6.60 -0.01	88.73 6.95 -0.01	80.19 6.28 -0.01	72.02 4.84 0.00	66.00 3.38 0.00	60.37 3.65 -0.47	56.14 3.08 -3.48	48.21 3.49 -0.01
EAST RIVER___6 23660	48.42 2.52 0.00	45.03 2.31 0.00	44.91 2.14 0.00	44.21 1.95 0.00	45.65 1.97 0.00	47.30 2.38 0.00	62.65 3.60 0.00	73.68 3.97 0.00	72.22 4.28 -0.02	78.06 4.27 -10.00	68.05 4.07 -1.38	71.89 3.98 -5.77	74.80 4.11 -7.42	73.96 4.17 -5.68	72.33 4.22 -0.02	78.54 4.37 -0.02	82.92 5.21 0.00	87.35 5.56 -0.02	78.71 4.80 -0.01	71.56 4.36 -0.02	66.58 3.95 -0.02	60.32 3.60 -0.48	52.51 2.92 0.00	47.12 2.41 0.00
EAST RIVER___7 23524	48.42 2.52 0.00	45.03 2.31 0.00	44.91 2.14 0.00	44.21 1.95 0.00	45.65 1.97 0.00	47.30 2.38 0.00	62.65 3.60 0.00	73.68 3.97 0.00	72.22 4.28 -0.02	78.06 4.27 -10.00	68.05 4.07 -1.38	71.89 3.98 -5.77	74.80 4.11 -7.42	73.96 4.17 -5.68	72.33 4.22 -0.02	78.54 4.37 -0.02	82.92 5.21 0.00	87.35 5.56 -0.02	78.71 4.80 -0.01	71.56 4.36 -0.02	66.58 3.95 -0.02	60.32 3.60 -0.48	52.51 2.92 0.00	47.12 2.41 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	48.37 2.48 0.00	44.98 2.26 0.00	44.92 2.14 0.00	44.25 1.99 0.00	45.70 2.01 0.00	47.26 2.34 0.00	62.35 3.31 0.00	73.33 3.62 0.00	71.66 3.74 0.00	67.49 3.70 0.00	66.11 3.51 0.00	65.49 3.36 0.00	66.69 3.42 0.00	67.64 3.53 0.00	71.70 3.61 0.00	77.94 3.78 0.00	82.29 4.58 0.00	86.51 4.74 0.00	78.11 4.21 0.00	71.01 3.83 0.00	66.13 3.51 0.00	59.96 3.26 -0.46	52.32 2.73 0.00	46.99 2.28 0.00
EAST_HAMPTON___DIESEL 23722	50.63 4.73 -0.01	46.74 4.01 0.00	46.46 3.68 0.00	45.90 3.64 0.00	47.57 3.89 0.00	49.56 4.63 -0.01	64.78 5.73 -0.01	74.31 4.60 0.00	72.21 4.28 0.00	68.07 4.27 0.00	67.24 4.63 0.00	66.36 4.23 0.00	66.94 3.67 0.00	68.54 4.42 0.00	72.24 4.15 0.00	76.31 2.15 0.00	84.25 6.53 -0.01	88.65 6.87 -0.01	80.04 6.13 -0.01	71.82 4.63 0.00	65.81 3.19 0.00	60.26 3.55 -0.47	55.99 2.92 -3.48	48.12 3.40 -0.01
EAST_POINT___SOLAR 323840	47.04 1.15 0.00	43.70 0.98 0.00	43.80 1.02 0.00	43.32 1.06 0.00	44.82 1.13 0.00	46.40 1.48 0.00	61.23 2.19 0.00	72.15 2.44 0.00	69.42 1.49 0.00	64.05 0.26 0.00	63.11 0.50 0.00	62.45 0.31 0.00	63.72 0.45 0.00	65.02 0.90 0.00	69.45 1.36 0.00	76.08 1.92 0.00	79.73 2.02 0.00	84.47 2.69 0.00	76.48 2.59 0.00	69.33 2.15 0.00	64.94 2.32 0.00	58.92 2.02 -0.66	51.17 1.59 0.00	45.87 1.16 0.00
EAST_PULASKI___ESR 323781	44.79 -1.10 0.00	41.74 -0.98 0.00	41.75 -1.03 0.00	41.29 -0.97 0.00	42.72 -0.96 0.00	43.89 -1.03 0.00	57.69 -1.36 0.00	68.52 -1.19 0.00	66.70 -1.22 0.00	62.58 -1.21 0.00	61.48 -1.13 0.00	61.14 -1.00 0.00	62.26 -1.01 0.00	63.03 -1.09 0.00	67.07 -1.02 0.00	72.89 -1.26 0.00	76.00 -1.71 0.00	80.30 -1.47 0.00	72.49 -1.41 0.00	65.91 -1.28 0.00	61.50 -1.13 0.00	55.20 -1.07 -0.04	48.60 -0.99 0.00	43.82 -0.89 0.00
EAST_RIVER___1 323558	48.56 2.66 0.00	45.20 2.48 0.00	45.09 2.31 0.00	44.38 2.11 0.00	45.83 2.14 0.00	47.44 2.51 0.00	62.77 3.72 0.00	73.82 4.11 0.00	72.29 4.35 -0.02	78.06 4.27 -10.00	68.05 4.07 -1.38	71.89 3.98 -5.77	74.80 4.11 -7.42	73.96 4.17 -5.68	72.33 4.22 -0.02	78.54 4.37 -0.02	82.92 5.21 0.00	87.35 5.56 -0.02	78.71 4.80 -0.01	71.56 4.36 -0.02	66.65 4.01 -0.02	60.43 3.71 -0.48	52.61 3.03 0.00	47.30 2.59 0.00
EAST_RIVER___2 323559	48.42 2.52 0.00	45.03 2.31 0.00	44.91 2.14 0.00	44.21 1.95 0.00	45.65 1.97 0.00	47.30 2.38 0.00	62.65 3.60 0.00	73.68 3.97 0.00	72.22 4.28 -0.02	78.06 4.27 -10.00	68.05 4.07 -1.38	71.89 3.98 -5.77	74.80 4.11 -7.42	73.96 4.17 -5.68	72.33 4.22 -0.02	78.54 4.37 -0.02	82.92 5.21 0.00	87.35 5.56 -0.02	78.71 4.80 -0.01	71.56 4.36 -0.02	66.58 3.95 -0.02	60.32 3.60 -0.48	52.51 2.92 0.00	47.12 2.41 0.00
EAST___DELAWARE_HYD 23607	48.37 2.48 0.00	45.07 2.35 0.00	45.04 2.27 0.00	44.38 2.11 0.00	45.91 2.23 0.00	47.39 2.47 0.00	62.41 3.36 0.00	73.54 3.83 0.00	71.93 4.01 0.00	67.62 3.83 0.00	66.11 3.50 0.00	65.49 3.35 0.00	66.75 3.48 0.00	67.77 3.65 0.00	71.83 3.74 0.00	78.16 4.00 0.00	82.53 4.82 0.00	86.93 5.15 0.00	78.41 4.51 0.00	71.28 4.10 0.00	66.31 3.69 0.00	59.98 3.32 -0.43	52.36 2.78 0.00	47.04 2.32 0.00
EIGHT_POINT___WT_PWR 323820	44.84 -1.05 0.00	41.74 -0.98 0.00	41.75 -1.03 0.00	41.46 -0.80 0.00	43.07 -0.61 0.00	43.89 -1.03 0.00	57.98 -1.06 0.00	68.52 -1.19 0.00	66.16 -1.77 0.00	62.20 -1.59 0.00	61.35 -1.25 0.00	61.02 -1.12 0.00	61.88 -1.39 0.00	62.45 -1.67 0.00	66.05 -2.04 0.00	72.00 -2.15 0.00	74.84 -2.87 0.00	79.24 -2.54 0.00	71.31 -2.59 0.00	64.77 -2.42 0.00	60.05 -2.57 0.00	52.80 -3.54 -0.10	47.75 -1.83 0.00	43.28 -1.43 0.00
ELBRIDGE_115KV_TB2 80188	45.11 -0.78 0.00	41.99 -0.73 0.00	42.05 -0.73 0.00	41.59 -0.68 0.00	42.94 -0.74 0.00	44.11 -0.81 0.00	58.10 -0.94 0.00	68.80 -0.91 0.00	66.91 -1.02 0.00	62.90 -0.89 0.00	61.79 -0.81 0.00	61.39 -0.75 0.00	62.45 -0.82 0.00	63.22 -0.90 0.00	67.20 -0.89 0.00	73.04 -1.11 0.00	76.39 -1.32 0.00	80.54 -1.23 0.00	72.79 -1.11 0.00	66.18 -1.01 0.00	61.56 -1.06 0.00	55.17 -1.12 -0.05	48.70 -0.89 0.00	43.95 -0.76 0.00
ELEC_TRO_TEK 24086	48.98 3.07 -0.01	45.50 2.78 0.00	45.30 2.52 0.00	44.67 2.41 0.00	46.35 2.66 0.00	47.90 2.96 -0.01	63.07 4.01 -0.01	73.33 3.62 0.00	71.25 3.33 0.00	67.30 3.51 0.00	66.24 3.63 0.00	65.74 3.60 0.00	66.82 3.54 0.00	67.90 3.78 0.00	71.76 3.68 0.00	77.57 3.41 0.00	82.93 5.21 -0.01	87.26 5.48 -0.01	78.79 4.88 -0.01	71.62 4.43 0.00	66.50 3.88 0.00	60.37 3.66 -0.48	57.83 3.22 -5.01	47.54 2.82 -0.01
ELLENBURG_WT_PWR 323604	42.64 -3.26 0.00	39.69 -3.03 0.00	39.87 -2.91 0.00	40.06 -2.20 0.00	41.59 -2.10 0.00	42.86 -2.07 0.00	56.39 -2.66 0.00	67.20 -2.51 0.00	66.09 -1.83 0.00	62.13 -1.66 0.00	61.29 -1.32 0.00	61.45 -0.68 0.00	63.09 -0.19 0.00	64.25 0.13 0.00	68.02 -0.07 0.00	74.23 0.07 0.00	75.93 -1.78 0.00	79.81 -1.96 0.00	71.61 -2.29 0.00	64.97 -2.22 0.00	61.30 -1.32 0.00	55.57 -0.67 0.00	49.09 -0.50 0.00	44.45 -0.27 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	44.98 -0.92 0.00	41.78 -0.94 0.00	41.84 -0.94 0.00	41.42 -0.85 0.00	42.94 -0.74 0.00	43.13 -1.80 0.00	56.45 -2.60 0.00	66.57 -3.14 0.00	64.05 -3.87 0.00	60.86 -2.93 0.00	59.91 -2.69 0.00	59.78 -2.36 0.00	60.49 -2.78 0.00	61.10 -3.01 0.00	64.55 -3.54 0.00	70.37 -3.78 0.00	72.74 -4.97 0.00	77.11 -4.66 0.00	69.54 -4.36 0.00	63.15 -4.03 0.00	58.61 -4.01 0.00	51.65 -4.67 -0.08	47.01 -2.58 0.00	43.06 -1.65 0.00
EMPIRE_CC_1 323656	47.41 1.51 0.00	44.13 1.41 0.00	44.19 1.41 0.00	43.62 1.35 0.00	45.08 1.40 0.00	46.36 1.44 0.00	60.58 1.53 0.00	71.38 1.67 0.00	69.55 1.63 0.00	65.07 1.28 0.00	63.73 1.13 0.00	63.07 0.93 0.00	64.23 0.95 0.00	65.08 0.96 0.00	69.11 1.02 0.00	75.56 1.41 0.00	79.57 1.86 0.00	83.57 1.80 0.00	75.67 1.77 0.00	68.86 1.68 0.00	64.25 1.63 0.00	58.26 1.46 -0.56	50.78 1.19 0.00	45.87 1.16 0.00
EMPIRE_CC_2 323658	47.41 1.51 0.00	44.13 1.41 0.00	44.19 1.41 0.00	43.62 1.35 0.00	45.08 1.40 0.00	46.36 1.44 0.00	60.58 1.53 0.00	71.38 1.67 0.00	69.55 1.63 0.00	65.07 1.28 0.00	63.73 1.13 0.00	63.07 0.93 0.00	64.23 0.95 0.00	65.08 0.96 0.00	69.11 1.02 0.00	75.56 1.41 0.00	79.57 1.86 0.00	83.57 1.80 0.00	75.67 1.77 0.00	68.86 1.68 0.00	64.25 1.63 0.00	58.26 1.46 -0.56	50.78 1.19 0.00	45.87 1.16 0.00
ENORWICH_115KV_TB1 80156	47.68 1.79 0.00	44.51 1.79 0.00	44.45 1.67 0.00	43.83 1.56 0.00	45.52 1.83 0.00	47.08 2.16 0.00	62.35 3.31 0.00	74.38 4.67 0.00	72.07 4.14 0.00	67.49 3.70 0.00	66.43 3.82 0.00	65.86 3.73 0.00	66.88 3.61 0.00	67.77 3.65 0.00	72.51 4.43 0.00	78.75 4.60 0.00	82.53 4.82 0.00	87.25 5.48 0.00	78.26 4.36 0.00	71.35 4.17 0.00	66.57 3.95 0.00	59.03 2.64 -0.15	51.92 2.33 0.00	46.86 2.15 0.00
ERIE_ST__34_KV_TB1-2 80199	45.34 -0.55 0.00	42.12 -0.60 0.00	42.14 -0.64 0.00	41.76 -0.51 0.00	43.29 -0.39 0.00	43.57 -1.35 0.00	57.27 -1.77 0.00	67.62 -2.09 0.00	64.94 -2.99 0.00	61.56 -2.23 0.00	60.67 -1.94 0.00	60.46 -1.68 0.00	61.19 -2.09 0.00	61.87 -2.24 0.00	65.36 -2.72 0.00	71.26 -2.89 0.00	73.67 -4.04 0.00	78.17 -3.60 0.00	70.50 -3.40 0.00	64.09 -3.09 0.00	59.36 -3.26 0.00	51.20 -5.12 -0.08	47.65 -1.93 0.00	43.50 -1.21 0.00
ERIE_WT_PWR 323693	45.16 -0.74 0.00	41.95 -0.77 0.00	41.92 -0.86 0.00	41.54 -0.72 0.00	43.12 -0.57 0.00	43.35 -1.57 0.00	56.80 -2.24 0.00	67.06 -2.65 0.00	64.53 -3.39 0.00	61.24 -2.55 0.00	60.29 -2.32 0.00	60.15 -1.99 0.00	60.87 -2.40 0.00	61.55 -2.57 0.00	65.16 -2.93 0.00	70.89 -3.26 0.00	73.51 -4.20 0.00	77.69 -4.09 0.00	70.21 -3.69 0.00	63.76 -3.42 0.00	58.99 -3.63 0.00	51.71 -4.61 -0.08	47.31 -2.28 0.00	43.28 -1.43 0.00
ESPRGFLD_115KV_TB1 80157	45.80 -0.09 0.00	42.64 -0.09 0.00	42.69 -0.09 0.00	42.18 -0.08 0.00	43.64 -0.04 0.00	45.10 0.18 0.00	59.52 0.47 0.00	70.40 0.70 0.00	68.20 0.27 0.00	63.60 -0.19 0.00	62.61 0.00 0.00	62.07 -0.06 0.00	63.21 -0.06 0.00	64.25 0.13 0.00	68.43 0.34 0.00	74.67 0.52 0.00	78.18 0.47 0.00	82.59 0.82 0.00	74.56 0.67 0.00	67.72 0.54 0.00	63.25 0.63 0.00	56.65 0.39 -0.02	49.79 0.20 0.00	44.71 0.00 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	46.31 0.41 0.00	43.10 0.38 0.00	43.16 0.38 0.00	42.64 0.38 0.00	44.08 0.39 0.00	45.33 0.40 0.00	59.81 0.77 0.00	70.96 1.25 0.00	68.81 0.88 0.00	64.56 0.77 0.00	63.36 0.75 0.00	62.88 0.75 0.00	63.91 0.63 0.00	64.70 0.58 0.00	68.84 0.75 0.00	74.97 0.82 0.00	78.49 0.78 0.00	82.92 1.14 0.00	74.93 1.03 0.00	68.13 0.94 0.00	63.37 0.75 0.00	56.63 0.28 -0.12	50.03 0.45 0.00	45.11 0.40 0.00
ETNA____115KV_TB2 80207	46.31 0.41 0.00	43.10 0.38 0.00	43.16 0.38 0.00	42.64 0.38 0.00	44.08 0.39 0.00	45.33 0.40 0.00	59.81 0.77 0.00	70.96 1.25 0.00	68.81 0.88 0.00	64.56 0.77 0.00	63.36 0.75 0.00	62.88 0.75 0.00	63.91 0.63 0.00	64.70 0.58 0.00	68.84 0.75 0.00	74.97 0.82 0.00	78.49 0.78 0.00	82.92 1.14 0.00	74.93 1.03 0.00	68.13 0.94 0.00	63.37 0.75 0.00	56.63 0.28 -0.12	50.03 0.45 0.00	45.11 0.40 0.00
EUCLID__115KV_TB2 356179	44.93 -0.96 0.00	41.82 -0.90 0.00	41.88 -0.90 0.00	41.38 -0.89 0.00	42.77 -0.92 0.00	43.93 -0.99 0.00	57.74 -1.30 0.00	68.24 -1.46 0.00	66.43 -1.49 0.00	62.45 -1.34 0.00	61.35 -1.25 0.00	60.96 -1.18 0.00	62.01 -1.27 0.00	62.77 -1.35 0.00	66.73 -1.36 0.00	72.67 -1.48 0.00	76.00 -1.71 0.00	80.05 -1.72 0.00	72.35 -1.55 0.00	65.77 -1.41 0.00	61.18 -1.44 0.00	54.93 -1.35 -0.04	48.45 -1.14 0.00	43.73 -0.98 0.00
E_CANADA_CAP_HY 24051	45.71 -0.18 0.00	42.51 -0.21 0.00	42.61 -0.17 0.00	42.10 -0.17 0.00	43.56 -0.13 0.00	45.10 0.18 0.00	59.34 0.30 0.00	69.92 0.21 0.00	67.45 -0.47 0.00	62.45 -1.34 0.00	61.54 -1.06 0.00	60.83 -1.31 0.00	62.07 -1.20 0.00	63.22 -0.90 0.00	67.47 -0.61 0.00	73.93 -0.22 0.00	77.40 -0.31 0.00	81.94 0.16 0.00	74.12 0.22 0.00	67.25 0.07 0.00	62.94 0.31 0.00	57.32 0.40 -0.69	49.69 0.10 0.00	44.58 -0.13 0.00
E_CANADA_MHWK_HY 24050	49.79 3.90 0.00	46.35 3.63 0.00	46.37 3.59 0.00	45.81 3.55 0.00	47.36 3.67 0.00	48.74 3.82 0.00	63.89 4.84 0.00	75.49 5.78 0.00	73.42 5.50 0.00	68.96 5.16 0.00	68.05 5.44 0.00	67.61 5.47 0.00	68.85 5.57 0.00	69.69 5.58 0.00	73.87 5.78 0.00	80.24 6.08 0.00	83.46 5.75 0.00	87.66 5.89 0.00	79.15 5.25 0.00	72.09 4.90 0.00	67.32 4.70 0.00	60.63 4.39 0.00	53.56 3.97 0.00	48.38 3.67 0.00
E_FISHKILL__LBMP 23776	48.05 2.16 0.00	44.73 2.01 0.00	44.66 1.88 0.00	44.04 1.78 0.00	45.48 1.79 0.00	46.99 2.07 0.00	61.94 2.89 0.00	72.84 3.14 0.00	71.19 3.26 0.00	66.92 3.13 0.00	65.55 2.94 0.00	64.99 2.86 0.00	66.19 2.91 0.00	67.13 3.01 0.00	71.15 3.06 0.00	77.42 3.26 0.00	81.67 3.96 0.00	85.86 4.09 0.00	77.52 3.62 0.00	70.48 3.29 0.00	65.69 3.07 0.00	59.53 2.81 -0.47	51.92 2.33 0.00	46.68 1.97 0.00
FALCON__SEABRD_CC1 323796	42.96 -2.94 0.00	39.99 -2.74 0.00	40.17 -2.61 0.00	40.36 -1.90 0.00	41.94 -1.75 0.00	43.22 -1.71 0.00	56.86 -2.18 0.00	67.83 -1.88 0.00	66.70 -1.22 0.00	62.71 -1.08 0.00	61.86 -0.75 0.00	62.01 -0.12 0.00	63.66 0.38 0.00	64.82 0.71 0.00	68.63 0.54 0.00	74.97 0.82 0.00	76.62 -1.09 0.00	80.63 -1.14 0.00	72.34 -1.56 0.00	65.57 -1.61 0.00	61.87 -0.75 0.00	56.07 -0.17 0.00	49.54 -0.05 0.00	44.85 0.13 0.00
FALCON__SEABRD_CC2 323797	42.96 -2.94 0.00	39.99 -2.74 0.00	40.17 -2.61 0.00	40.36 -1.90 0.00	41.94 -1.75 0.00	43.22 -1.71 0.00	56.86 -2.18 0.00	67.83 -1.88 0.00	66.70 -1.22 0.00	62.71 -1.08 0.00	61.86 -0.75 0.00	62.01 -0.12 0.00	63.66 0.38 0.00	64.82 0.71 0.00	68.63 0.54 0.00	74.97 0.82 0.00	76.62 -1.09 0.00	80.63 -1.14 0.00	72.34 -1.56 0.00	65.57 -1.61 0.00	61.87 -0.75 0.00	56.07 -0.17 0.00	49.54 -0.05 0.00	44.85 0.13 0.00

FAR ROCKAWAY___4 23548	49.58 3.67 -0.01	46.01 3.29 0.00	45.81 3.04 0.00	45.22 2.96 0.00	46.88 3.19 0.00	48.48 3.55 -0.01	63.84 4.78 -0.01	74.24 4.53 0.00	72.07 4.14 0.00	68.13 4.34 0.00	67.11 4.51 0.00	66.67 4.54 0.00	67.77 4.49 0.00	68.93 4.81 0.00	72.85 4.77 0.00	78.60 4.45 0.00	84.17 6.45 -0.01	88.65 6.87 -0.01	79.97 6.06 -0.01	72.76 5.58 0.00	67.50 4.88 0.00	61.16 4.44 -0.48	58.20 3.87 -4.75	48.17 3.44 -0.01
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	48.60 2.71 0.00	45.24 2.52 0.00	45.13 2.35 0.00	44.42 2.16 0.00	45.87 2.18 0.00	47.48 2.56 0.00	62.82 3.78 0.00	73.89 4.18 0.00	72.36 4.42 -0.02	78.11 4.27 -10.04	68.06 4.07 -1.39	71.91 3.98 -5.80	74.78 4.05 -7.45	73.99 4.17 -5.71	72.39 4.29 -0.02	78.62 4.45 -0.02	82.99 5.28 0.00	87.27 5.48 -0.02	78.78 4.88 0.00	71.57 4.37 -0.02	66.71 4.07 -0.02	60.43 3.71 -0.48	52.66 3.07 0.00	47.31 2.59 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	48.65 2.75 0.00	45.24 2.52 0.00	45.13 2.35 0.00	44.42 2.16 0.00	45.91 2.23 0.00	47.48 2.56 0.00	62.82 3.78 0.00	73.96 4.25 0.00	72.36 4.42 -0.02	78.17 4.34 -10.04	68.06 4.07 -1.39	71.97 4.04 -5.80	74.78 4.05 -7.45	73.99 4.17 -5.71	72.39 4.29 -0.02	78.62 4.45 -0.02	82.99 5.28 0.00	87.35 5.56 -0.02	78.78 4.88 0.00	71.57 4.37 -0.02	66.71 4.07 -0.02	60.43 3.71 -0.48	52.66 3.07 0.00	47.31 2.59 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	48.60 2.71 0.00	45.24 2.52 0.00	45.13 2.35 0.00	44.42 2.16 0.00	45.87 2.18 0.00	47.48 2.56 0.00	62.82 3.78 0.00	73.89 4.18 0.00	72.29 4.35 -0.02	78.11 4.27 -10.04	68.06 4.07 -1.39	71.91 3.98 -5.80	74.71 3.99 -7.45	73.93 4.10 -5.71	72.32 4.22 -0.02	78.62 4.45 -0.02	82.92 5.21 0.00	87.27 5.48 -0.02	78.70 4.80 0.00	71.57 4.37 -0.02	66.64 4.01 -0.02	60.43 3.71 -0.48	52.66 3.07 0.00	47.31 2.59 0.00
FARRAGUT___LBMP 323566	48.56 2.66 0.00	45.20 2.48 0.00	45.09 2.31 0.00	44.38 2.11 0.00	45.83 2.14 0.00	47.44 2.52 0.00	62.76 3.72 0.00	73.82 4.11 0.00	72.22 4.28 -0.02	78.04 4.21 -10.04	68.00 4.01 -1.39	71.85 3.91 -5.80	74.65 3.92 -7.45	73.86 4.04 -5.71	72.26 4.15 -0.02	78.55 4.38 -0.02	82.84 5.13 0.00	87.18 5.40 -0.02	78.70 4.80 0.00	71.50 4.30 -0.02	66.64 4.01 -0.02	60.37 3.66 -0.48	52.61 3.02 0.00	47.26 2.55 0.00
FENNER___WINDPWR 24204	46.35 0.46 0.00	43.23 0.51 0.00	43.25 0.47 0.00	42.73 0.47 0.00	44.21 0.53 0.00	45.55 0.63 0.00	59.99 0.94 0.00	71.24 1.53 0.00	69.35 1.43 0.00	65.00 1.21 0.00	63.86 1.25 0.00	63.38 1.24 0.00	64.54 1.27 0.00	65.40 1.28 0.00	69.58 1.50 0.00	75.71 1.56 0.00	79.03 1.32 0.00	83.32 1.55 0.00	75.08 1.18 0.00	68.33 1.14 0.00	63.68 1.06 0.00	57.03 0.73 -0.06	50.23 0.64 0.00	45.29 0.58 0.00
FIBERTEK___ENERGY 23856	45.34 -0.55 0.00	42.21 -0.51 0.00	42.26 -0.51 0.00	41.80 -0.46 0.00	43.16 -0.52 0.00	44.38 -0.54 0.00	58.39 -0.65 0.00	69.08 -0.63 0.00	67.25 -0.68 0.00	63.22 -0.57 0.00	62.17 -0.44 0.00	61.76 -0.37 0.00	62.83 -0.44 0.00	63.61 -0.51 0.00	67.61 -0.48 0.00	73.49 -0.67 0.00	76.93 -0.78 0.00	81.12 -0.65 0.00	73.23 -0.67 0.00	66.65 -0.54 0.00	61.93 -0.69 0.00	55.50 -0.79 -0.05	48.99 -0.60 0.00	44.18 -0.54 0.00
FITZPATRICK___ 23598	44.24 -1.65 0.00	41.18 -1.54 0.00	41.24 -1.54 0.00	40.74 -1.52 0.00	42.12 -1.57 0.00	43.26 -1.66 0.00	56.86 -2.18 0.00	67.20 -2.51 0.00	65.41 -2.51 0.00	61.50 -2.29 0.00	60.36 -2.25 0.00	59.96 -2.18 0.00	61.06 -2.22 0.00	61.81 -2.31 0.00	65.70 -2.38 0.00	71.56 -2.60 0.00	74.84 -2.87 0.00	78.75 -3.02 0.00	71.24 -2.66 0.00	64.70 -2.48 0.00	60.24 -2.38 0.00	54.13 -2.14 -0.03	47.70 -1.88 0.00	43.06 -1.65 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	48.46 2.57 0.00	45.11 2.39 0.00	45.09 2.31 0.00	44.46 2.20 0.00	45.96 2.27 0.00	47.44 2.52 0.00	62.47 3.42 0.00	73.54 3.83 0.00	71.93 4.01 0.00	67.81 4.02 0.00	66.30 3.69 0.00	65.68 3.54 0.00	66.95 3.67 0.00	68.03 3.91 0.00	72.10 4.02 0.00	78.31 4.15 0.00	82.61 4.90 0.00	86.84 5.07 0.00	78.41 4.51 0.00	71.28 4.10 0.00	66.32 3.69 0.00	60.08 3.37 -0.47	52.41 2.83 0.00	47.04 2.33 0.00
FORT ORANGE___ 23900	47.36 1.47 0.00	44.09 1.37 0.00	44.19 1.41 0.00	43.62 1.35 0.00	45.08 1.40 0.00	46.36 1.44 0.00	60.76 1.71 0.00	71.59 1.88 0.00	69.76 1.83 0.00	65.26 1.47 0.00	63.92 1.32 0.00	63.19 1.06 0.00	64.42 1.14 0.00	65.33 1.22 0.00	69.38 1.29 0.00	75.78 1.63 0.00	79.73 2.02 0.00	83.98 2.21 0.00	76.04 2.14 0.00	69.13 1.95 0.00	64.50 1.88 0.00	58.38 1.57 -0.57	50.93 1.34 0.00	46.01 1.30 0.00
FORT_DRUM_COGEN 23780	45.02 -0.87 0.00	42.04 -0.68 0.00	42.01 -0.77 0.00	41.59 -0.68 0.00	43.12 -0.57 0.00	44.52 -0.40 0.00	58.51 -0.53 0.00	69.92 0.21 0.00	68.33 0.41 0.00	63.66 -0.13 0.00	62.67 0.06 0.00	62.32 0.19 0.00	63.53 0.25 0.00	64.50 0.38 0.00	68.77 0.68 0.00	74.82 0.67 0.00	77.40 -0.31 0.00	82.02 0.25 0.00	73.75 -0.15 0.00	67.25 0.07 0.00	63.25 0.63 0.00	56.71 0.45 -0.02	49.64 0.05 0.00	44.71 0.00 0.00
FOX_HILLS___ESR 323835	48.97 3.07 0.00	45.58 2.86 0.00	45.39 2.61 0.00	44.59 2.32 0.00	46.09 2.40 0.00	47.57 2.65 0.00	62.88 3.84 0.00	73.75 4.04 0.00	72.02 4.08 -0.02	78.07 4.08 -10.19	67.89 3.88 -1.41	70.98 3.04 -5.80	73.84 3.10 -7.46	73.88 3.98 -5.79	72.19 4.09 -0.02	78.55 4.38 -0.02	82.76 5.05 0.00	87.18 5.40 -0.02	78.70 4.80 0.00	71.50 4.30 -0.02	66.77 4.13 -0.02	60.60 3.88 -0.48	52.86 3.27 0.00	47.53 2.82 0.00
FPL_FAR_ROCK_GT1 24212	49.58 3.67 -0.01	46.01 3.29 0.00	45.81 3.04 0.00	45.22 2.96 0.00	46.83 3.15 0.00	48.48 3.55 -0.01	63.84 4.78 -0.01	74.17 4.47 0.00	72.28 4.35 0.00	68.07 4.27 0.00	67.12 4.51 0.00	66.67 4.53 0.00	67.89 4.62 0.00	68.93 4.81 0.00	72.78 4.69 0.00	78.38 4.22 0.00	84.17 6.45 -0.01	88.65 6.87 -0.01	79.97 6.06 -0.01	72.76 5.57 0.00	67.51 4.89 0.00	61.16 4.44 -0.48	58.20 3.87 -4.75	48.17 3.44 -0.01
FPL_FAR_ROCK_GT2 23815	49.58 3.67 -0.01	46.01 3.29 0.00	45.81 3.04 0.00	45.22 2.96 0.00	46.83 3.15 0.00	48.48 3.55 -0.01	63.84 4.78 -0.01	74.17 4.47 0.00	72.28 4.35 0.00	68.07 4.27 0.00	67.12 4.51 0.00	66.67 4.53 0.00	67.89 4.62 0.00	68.93 4.81 0.00	72.78 4.69 0.00	78.38 4.22 0.00	84.17 6.45 -0.01	88.65 6.87 -0.01	79.97 6.06 -0.01	72.76 5.57 0.00	67.51 4.89 0.00	61.16 4.44 -0.48	58.20 3.87 -4.75	48.17 3.44 -0.01
FRANKLIN_FALL_HYD 24054	43.09 -2.80 0.00	40.11 -2.61 0.00	40.25 -2.52 0.00	40.49 -1.78 0.00	42.03 -1.66 0.00	43.31 -1.62 0.00	56.98 -2.07 0.00	68.03 -1.67 0.00	66.84 -1.09 0.00	62.83 -0.96 0.00	61.98 -0.63 0.00	62.14 0.00 0.00	63.78 0.51 0.00	64.95 0.83 0.00	68.77 0.68 0.00	75.12 0.96 0.00	76.70 -1.01 0.00	80.71 -1.06 0.00	72.42 -1.48 0.00	65.64 -1.55 0.00	62.06 -0.56 0.00	56.24 0.00 0.00	49.69 0.10 0.00	44.98 0.27 0.00



FREEPORT_EQUS_GT1 23764	49.35 3.44 -0.01	45.75 3.03 0.00	45.56 2.78 0.00	44.97 2.71 0.00	46.61 2.93 0.00	48.26 3.32 -0.01	63.48 4.43 -0.01	73.68 3.97 0.00	71.79 3.87 0.00	67.55 3.76 0.00	66.62 4.01 0.00	66.17 4.04 0.00	67.33 4.05 0.00	68.41 4.30 0.00	72.24 4.15 0.00	77.79 3.63 0.00	83.62 5.90 -0.01	88.08 6.30 -0.01	79.52 5.61 -0.01	72.36 5.17 0.00	67.13 4.51 0.00	60.93 4.22 -0.47	57.36 3.67 -4.11	47.98 3.26 -0.01
FREEPORT___CT2 23818	49.35 3.44 -0.01	45.75 3.03 0.00	45.56 2.78 0.00	44.97 2.71 0.00	46.61 2.93 0.00	48.26 3.32 -0.01	63.48 4.43 -0.01	73.68 3.97 0.00	71.79 3.87 0.00	67.55 3.76 0.00	66.62 4.01 0.00	66.17 4.04 0.00	67.33 4.05 0.00	68.41 4.30 0.00	72.24 4.15 0.00	77.79 3.63 0.00	83.62 5.90 -0.01	88.08 6.30 -0.01	79.52 5.61 -0.01	72.36 5.17 0.00	67.13 4.51 0.00	60.93 4.22 -0.47	57.36 3.67 -4.11	47.98 3.26 -0.01
FRESHKLS_33_KV_LOAD 356253	49.15 3.26 0.00	45.71 2.99 0.00	45.56 2.78 0.00	44.76 2.49 0.00	46.22 2.53 0.00	47.71 2.79 0.00	63.06 4.01 0.00	73.89 4.18 0.00	72.08 4.14 -0.02	78.07 4.08 -10.19	67.89 3.88 -1.41	70.92 2.98 -5.80	73.71 2.97 -7.46	73.88 3.98 -5.79	72.26 4.15 -0.02	78.62 4.45 -0.02	82.92 5.21 0.00	87.35 5.56 -0.02	78.85 4.95 0.00	71.70 4.50 -0.02	66.89 4.26 -0.02	60.71 3.99 -0.48	53.01 3.42 0.00	47.66 2.95 0.00
FULTON COGEN____ 23766	44.66 -1.24 0.00	41.57 -1.15 0.00	41.62 -1.15 0.00	41.12 -1.14 0.00	42.51 -1.18 0.00	43.66 -1.26 0.00	57.45 -1.59 0.00	68.03 -1.67 0.00	66.23 -1.70 0.00	62.26 -1.53 0.00	61.17 -1.44 0.00	60.77 -1.37 0.00	61.82 -1.46 0.00	62.52 -1.60 0.00	66.45 -1.63 0.00	72.23 -1.93 0.00	75.61 -2.10 0.00	79.73 -2.04 0.00	72.05 -1.85 0.00	65.50 -1.68 0.00	60.93 -1.69 0.00	54.65 -1.63 -0.04	48.20 -1.39 0.00	43.46 -1.25 0.00
FULTON___LFGE 323630	47.09 1.19 0.00	43.74 1.02 0.00	43.85 1.07 0.00	43.36 1.10 0.00	44.82 1.13 0.00	46.40 1.48 0.00	61.11 2.07 0.00	72.00 2.30 0.00	69.49 1.56 0.00	64.30 0.51 0.00	63.17 0.56 0.00	62.39 0.25 0.00	63.66 0.38 0.00	64.89 0.77 0.00	69.17 1.09 0.00	75.93 1.78 0.00	79.65 1.94 0.00	84.22 2.45 0.00	76.33 2.44 0.00	69.20 2.01 0.00	64.75 2.13 0.00	58.86 1.97 -0.65	51.13 1.54 0.00	45.87 1.16 0.00
G.F.CEMENT___DRP 24184	49.15 3.26 0.00	45.67 2.95 0.00	45.77 2.99 0.00	45.22 2.96 0.00	46.74 3.06 0.00	48.25 3.32 0.00	62.35 3.31 0.00	73.33 3.62 0.00	71.39 3.46 0.00	66.60 2.81 0.00	65.49 2.88 0.00	64.68 2.55 0.00	65.93 2.66 0.00	66.81 2.69 0.00	70.74 2.66 0.00	77.12 2.97 0.00	81.05 3.34 0.00	85.53 3.76 0.00	77.52 3.62 0.00	70.14 2.96 0.00	66.00 3.38 0.00	60.83 3.99 -0.60	53.11 3.52 0.00	47.71 3.00 0.00
GARDENVILLE___LBMP 24039	45.02 -0.87 0.00	41.82 -0.90 0.00	41.88 -0.90 0.00	41.50 -0.76 0.00	42.99 -0.70 0.00	43.22 -1.71 0.00	56.62 -2.42 0.00	66.78 -2.93 0.00	64.26 -3.67 0.00	60.98 -2.81 0.00	60.04 -2.57 0.00	59.90 -2.24 0.00	60.62 -2.66 0.00	61.23 -2.89 0.00	64.68 -3.40 0.00	70.52 -3.63 0.00	72.89 -4.82 0.00	77.36 -4.42 0.00	69.76 -4.14 0.00	63.35 -3.83 0.00	58.74 -3.88 0.00	51.59 -4.72 -0.08	47.11 -2.48 0.00	43.15 -1.56 0.00
GARDNVLA_35_KV_LD 355827	45.21 -0.69 0.00	41.99 -0.73 0.00	42.05 -0.73 0.00	41.67 -0.59 0.00	43.16 -0.52 0.00	43.44 -1.48 0.00	56.86 -2.18 0.00	67.13 -2.58 0.00	64.60 -3.33 0.00	61.37 -2.42 0.00	60.42 -2.19 0.00	60.27 -1.86 0.00	60.93 -2.34 0.00	61.62 -2.50 0.00	65.09 -3.00 0.00	70.97 -3.19 0.00	73.28 -4.43 0.00	77.76 -4.01 0.00	70.13 -3.77 0.00	63.69 -3.49 0.00	59.05 -3.57 0.00	51.82 -4.50 -0.08	47.41 -2.18 0.00	43.37 -1.34 0.00
GELCKHM___115KV_LOAD 80723	45.11 -0.78 0.00	41.99 -0.73 0.00	42.01 -0.77 0.00	41.55 -0.72 0.00	42.94 -0.74 0.00	44.07 -0.85 0.00	57.98 -1.06 0.00	68.59 -1.12 0.00	66.77 -1.15 0.00	62.77 -1.02 0.00	61.67 -0.94 0.00	61.33 -0.81 0.00	62.39 -0.89 0.00	63.09 -1.03 0.00	67.07 -1.02 0.00	72.97 -1.19 0.00	76.39 -1.32 0.00	80.46 -1.31 0.00	72.72 -1.18 0.00	66.11 -1.07 0.00	61.49 -1.13 0.00	55.16 -1.12 -0.04	48.65 -0.94 0.00	43.91 -0.80 0.00
GENERAL___MILLS 23808	45.16 -0.73 0.00	41.95 -0.77 0.00	42.01 -0.77 0.00	41.59 -0.68 0.00	43.12 -0.57 0.00	43.35 -1.57 0.00	56.80 -2.24 0.00	67.06 -2.65 0.00	64.46 -3.46 0.00	61.18 -2.62 0.00	60.29 -2.32 0.00	60.15 -1.99 0.00	60.81 -2.47 0.00	61.43 -2.69 0.00	64.89 -3.20 0.00	70.74 -3.41 0.00	73.12 -4.58 0.00	77.60 -4.17 0.00	69.98 -3.92 0.00	63.56 -3.63 0.00	58.93 -3.69 0.00	51.71 -4.61 -0.08	47.31 -2.28 0.00	43.28 -1.43 0.00
GE_PLASTICS___DRP 24183	47.09 1.19 0.00	43.83 1.11 0.00	43.93 1.15 0.00	43.36 1.10 0.00	44.82 1.14 0.00	46.09 1.17 0.00	60.40 1.36 0.00	71.24 1.53 0.00	69.42 1.49 0.00	65.07 1.28 0.00	63.80 1.19 0.00	63.13 0.99 0.00	64.35 1.08 0.00	65.27 1.15 0.00	69.24 1.16 0.00	75.56 1.41 0.00	79.50 1.79 0.00	83.57 1.80 0.00	75.60 1.70 0.00	68.73 1.55 0.00	64.12 1.50 0.00	58.10 1.29 -0.57	50.68 1.09 0.00	45.74 1.03 0.00
GILBOA___1 23756	47.09 1.19 0.00	43.83 1.11 0.00	44.02 1.24 0.00	43.45 1.18 0.00	44.87 1.18 0.00	46.05 1.12 0.00	60.58 1.53 0.00	71.38 1.67 0.00	69.55 1.63 0.00	65.32 1.53 0.00	64.05 1.44 0.00	63.50 1.37 0.00	64.67 1.39 0.00	65.53 1.41 0.00	69.52 1.43 0.00	75.78 1.63 0.00	79.50 1.79 0.00	83.49 1.72 0.00	75.60 1.70 0.00	68.86 1.68 0.00	64.19 1.57 0.00	58.10 1.41 -0.45	50.78 1.19 0.00	45.78 1.07 0.00
GILBOA___2 23757	47.09 1.19 0.00	43.83 1.11 0.00	44.02 1.24 0.00	43.45 1.18 0.00	44.87 1.18 0.00	46.05 1.12 0.00	60.58 1.53 0.00	71.38 1.67 0.00	69.55 1.63 0.00	65.32 1.53 0.00	64.05 1.44 0.00	63.50 1.37 0.00	64.67 1.39 0.00	65.53 1.41 0.00	69.52 1.43 0.00	75.78 1.63 0.00	79.50 1.79 0.00	83.49 1.72 0.00	75.60 1.70 0.00	68.86 1.68 0.00	64.19 1.57 0.00	58.10 1.41 -0.45	50.78 1.19 0.00	45.78 1.07 0.00
GILBOA___3 23758	47.09 1.19 0.00	43.83 1.11 0.00	44.02 1.24 0.00	43.45 1.18 0.00	44.87 1.18 0.00	46.05 1.12 0.00	60.58 1.53 0.00	71.38 1.67 0.00	69.55 1.63 0.00	65.32 1.53 0.00	64.05 1.44 0.00	63.50 1.37 0.00	64.67 1.39 0.00	65.53 1.41 0.00	69.52 1.43 0.00	75.78 1.63 0.00	79.50 1.79 0.00	83.49 1.72 0.00	75.60 1.70 0.00	68.86 1.68 0.00	64.19 1.57 0.00	58.10 1.41 -0.45	50.78 1.19 0.00	45.78 1.07 0.00
GILBOA___4 23759	47.09 1.19 0.00	43.83 1.11 0.00	44.02 1.24 0.00	43.45 1.18 0.00	44.87 1.18 0.00	46.05 1.12 0.00	60.58 1.53 0.00	71.38 1.67 0.00	69.55 1.63 0.00	65.32 1.53 0.00	64.05 1.44 0.00	63.50 1.37 0.00	64.67 1.39 0.00	65.53 1.41 0.00	69.52 1.43 0.00	75.78 1.63 0.00	79.50 1.79 0.00	83.49 1.72 0.00	75.60 1.70 0.00	68.86 1.68 0.00	64.19 1.57 0.00	58.10 1.41 -0.45	50.78 1.19 0.00	45.78 1.07 0.00

GILBOA____ 23599	47.09 1.19 0.00	43.83 1.11 0.00	44.02 1.24 0.00	43.45 1.18 0.00	44.87 1.18 0.00	46.05 1.12 0.00	60.58 1.54 0.00	71.38 1.67 0.00	69.62 1.70 0.00	65.32 1.53 0.00	64.05 1.44 0.00	63.50 1.37 0.00	64.67 1.39 0.00	65.53 1.41 0.00	69.58 1.50 0.00	75.79 1.63 0.00	79.50 1.79 0.00	83.49 1.72 0.00	75.60 1.70 0.00	68.86 1.68 0.00	64.19 1.57 0.00	58.10 1.41 -0.45	50.78 1.19 0.00	45.74 1.03 0.00
GINNA____ 23603	43.09 -2.80 0.00	39.94 -2.78 0.00	40.04 -2.74 0.00	39.60 -2.66 0.00	41.11 -2.58 0.00	41.78 -3.15 0.00	54.97 -4.07 0.00	65.24 -4.46 0.00	63.30 -4.62 0.00	60.03 -3.76 0.00	58.97 -3.63 0.00	59.09 -3.04 0.00	59.80 -3.48 0.00	60.47 -3.65 0.00	64.41 -3.68 0.00	69.85 -4.30 0.00	72.82 -4.89 0.00	76.54 -5.24 0.00	69.02 -4.88 0.00	62.61 -4.57 0.00	58.18 -4.44 0.00	52.24 -4.05 -0.05	46.02 -3.57 0.00	41.72 -3.00 0.00
GLEN PARK____ 23778	45.21 -0.69 0.00	42.21 -0.51 0.00	42.14 -0.64 0.00	41.71 -0.55 0.00	43.29 -0.39 0.00	44.70 -0.22 0.00	58.75 -0.29 0.00	70.26 0.56 0.00	68.60 0.68 0.00	63.86 0.06 0.00	62.79 0.19 0.00	62.45 0.31 0.00	63.66 0.38 0.00	64.63 0.51 0.00	68.97 0.88 0.00	75.05 0.89 0.00	77.71 0.00 0.00	82.59 0.82 0.00	74.20 0.30 0.00	67.59 0.41 0.00	63.62 1.00 0.00	56.99 0.73 -0.03	49.79 0.20 0.00	44.85 0.13 0.00
GLENDALE_27_KV_LOAD 356172	48.92 3.03 0.00	45.54 2.82 0.00	45.39 2.61 0.00	44.63 2.37 0.00	46.13 2.45 0.00	47.71 2.79 0.00	63.12 4.07 0.00	74.17 4.46 0.00	72.56 4.62 -0.02	78.51 4.53 -10.19	68.40 4.38 -1.41	72.12 4.10 -5.88	74.95 4.11 -7.56	74.33 4.42 -5.79	72.67 4.56 -0.02	78.99 4.82 -0.02	83.23 5.52 0.00	87.59 5.81 -0.02	79.07 5.17 0.00	71.84 4.64 -0.02	67.02 4.38 -0.02	60.77 4.05 -0.48	52.96 3.37 0.00	47.57 2.86 0.00
GLENWOOD_IC_1_G5 23712	48.98 3.07 -0.01	45.50 2.78 0.00	45.34 2.57 0.00	44.71 2.45 0.00	46.26 2.58 0.00	47.90 2.96 -0.01	63.13 4.07 -0.01	73.82 4.11 0.00	71.93 4.01 0.00	67.87 4.08 0.00	66.68 4.07 0.00	66.18 4.04 0.00	67.33 4.05 0.00	68.41 4.30 0.00	71.90 3.81 0.00	77.86 3.71 0.00	82.77 5.05 -0.01	87.10 5.32 -0.01	78.57 4.66 -0.01	71.42 4.23 0.00	66.82 4.20 0.00	60.60 3.88 -0.48	57.50 3.32 -4.59	47.58 2.86 -0.01
GLENWOOD_IC_2_G1 23688	48.65 2.75 0.00	45.24 2.52 0.00	45.13 2.35 0.00	44.50 2.24 0.00	45.96 2.27 0.00	47.57 2.65 0.00	62.77 3.72 0.00	73.47 3.76 0.00	71.86 3.94 0.00	67.62 3.83 0.00	66.36 3.76 0.00	65.80 3.67 0.00	67.07 3.80 0.00	68.03 3.91 0.00	71.90 3.81 0.00	77.93 3.78 0.00	82.61 4.90 0.00	87.01 5.24 0.00	78.48 4.58 0.00	71.42 4.24 0.00	66.50 3.88 0.00	60.31 3.60 -0.47	52.61 3.03 0.00	47.30 2.59 0.00
GLENWOOD_IC_3_G1 23689	48.65 2.75 0.00	45.24 2.52 0.00	45.13 2.35 0.00	44.50 2.24 0.00	45.96 2.27 0.00	47.57 2.65 0.00	62.77 3.72 0.00	73.47 3.76 0.00	71.86 3.94 0.00	67.62 3.83 0.00	66.36 3.76 0.00	65.80 3.67 0.00	67.07 3.80 0.00	68.03 3.91 0.00	71.90 3.81 0.00	77.93 3.78 0.00	82.61 4.90 0.00	87.01 5.24 0.00	78.48 4.58 0.00	71.42 4.24 0.00	66.50 3.88 0.00	60.31 3.60 -0.47	52.61 3.03 0.00	47.30 2.59 0.00
GLENWOOD____4 23550	48.98 3.07 -0.01	45.50 2.78 0.00	45.34 2.57 0.00	44.71 2.45 0.00	46.26 2.58 0.00	47.90 2.96 -0.01	63.13 4.07 -0.01	73.82 4.11 0.00	71.93 4.01 0.00	67.87 4.08 0.00	66.68 4.07 0.00	66.18 4.04 0.00	67.33 4.05 0.00	68.41 4.30 0.00	72.04 3.95 0.00	78.01 3.86 0.00	82.93 5.21 -0.01	87.26 5.48 -0.01	78.79 4.88 -0.01	71.55 4.37 0.00	66.82 4.20 0.00	60.60 3.88 -0.48	57.50 3.32 -4.59	47.58 2.86 -0.01
GLENWOOD____5 23614	48.98 3.07 -0.01	45.50 2.78 0.00	45.34 2.57 0.00	44.71 2.45 0.00	46.26 2.58 0.00	47.90 2.96 -0.01	63.13 4.07 -0.01	73.82 4.11 0.00	71.93 4.01 0.00	67.87 4.08 0.00	66.68 4.07 0.00	66.18 4.04 0.00	67.33 4.05 0.00	68.41 4.30 0.00	72.04 3.95 0.00	78.01 3.86 0.00	82.93 5.21 -0.01	87.26 5.48 -0.01	78.79 4.88 -0.01	71.55 4.37 0.00	66.82 4.20 0.00	60.60 3.88 -0.48	57.50 3.32 -4.59	47.58 2.86 -0.01
GLOBAL GREEN_PORT_GT1 23814	50.72 4.82 -0.01	46.78 4.06 0.00	46.54 3.77 0.00	45.98 3.72 0.00	47.70 4.02 0.00	49.65 4.72 -0.01	65.01 5.96 -0.01	74.66 4.95 0.00	72.61 4.68 0.00	68.45 4.65 0.00	67.62 5.01 0.00	66.80 4.66 0.00	67.39 4.11 0.00	68.93 4.81 0.00	72.72 4.63 0.00	76.82 2.67 0.00	84.79 7.07 -0.01	89.22 7.44 -0.01	80.63 6.72 -0.01	72.56 5.38 0.00	66.57 3.95 0.00	60.93 4.22 -0.47	56.64 3.57 -3.48	48.57 3.85 -0.01
GLOBE____DSASP 323697	43.83 -2.07 0.00	40.71 -2.01 0.00	40.72 -2.05 0.00	40.32 -1.94 0.00	41.76 -1.92 0.00	41.87 -3.05 0.00	54.50 -4.55 0.00	64.27 -5.44 0.00	61.88 -6.05 0.00	58.88 -4.91 0.00	57.97 -4.63 0.00	57.91 -4.23 0.00	58.47 -4.81 0.00	59.05 -5.07 0.00	62.44 -5.65 0.00	68.15 -6.01 0.00	70.17 -7.54 0.00	74.49 -7.28 0.00	67.10 -6.80 0.00	61.00 -6.18 0.00	56.61 -6.01 0.00	50.52 -5.79 -0.07	45.47 -4.12 0.00	41.81 -2.91 0.00
GOETHSLN____LBMP 323567	48.37 2.48 0.00	45.07 2.35 0.00	44.96 2.18 0.00	44.25 1.99 0.00	45.70 2.01 0.00	47.30 2.38 0.00	62.59 3.54 0.00	73.68 3.97 0.00	72.08 4.14 -0.02	77.85 4.02 -10.04	67.81 3.82 -1.39	71.78 3.85 -5.80	74.59 3.86 -7.45	73.74 3.91 -5.71	72.05 3.95 -0.02	78.32 4.15 -0.02	82.61 4.90 0.00	86.94 5.15 -0.02	78.48 4.58 0.00	71.30 4.10 -0.02	66.46 3.82 -0.02	60.21 3.49 -0.48	52.46 2.88 0.00	47.13 2.41 0.00
GOLAH____69_KV_TB 1_2 80279	45.44 -0.46 0.00	42.17 -0.56 0.00	42.22 -0.56 0.00	41.80 -0.46 0.00	43.38 -0.31 0.00	43.89 -1.03 0.00	57.51 -1.54 0.00	68.03 -1.67 0.00	65.82 -2.11 0.00	62.52 -1.28 0.00	61.42 -1.19 0.00	61.52 -0.62 0.00	62.14 -1.14 0.00	62.71 -1.41 0.00	66.59 -1.50 0.00	72.37 -1.78 0.00	75.22 -2.49 0.00	79.48 -2.29 0.00	71.68 -2.22 0.00	65.10 -2.08 0.00	60.49 -2.13 0.00	54.27 -2.02 -0.06	48.10 -1.49 0.00	43.82 -0.89 0.00
GOODYEAR_LAKE_HYD 323669	46.72 0.83 0.00	43.53 0.81 0.00	43.59 0.81 0.00	43.02 0.76 0.00	44.52 0.83 0.00	45.91 0.99 0.00	60.52 1.48 0.00	71.59 1.88 0.00	69.62 1.70 0.00	65.32 1.53 0.00	64.23 1.63 0.00	63.75 1.62 0.00	64.86 1.58 0.00	65.79 1.67 0.00	69.99 1.91 0.00	76.08 1.93 0.00	79.73 2.02 0.00	84.06 2.29 0.00	75.75 1.85 0.00	68.93 1.75 0.00	64.25 1.63 0.00	57.63 1.24 -0.15	50.63 1.04 0.00	45.56 0.85 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	46.03 0.14 0.00	42.89 0.17 0.00	42.91 0.13 0.00	42.39 0.13 0.00	43.82 0.13 0.00	44.92 0.00 0.00	59.22 0.18 0.00	69.92 0.21 0.00	67.79 -0.14 0.00	63.73 -0.06 0.00	62.61 0.00 0.00	62.20 0.06 0.00	63.15 -0.13 0.00	63.99 -0.13 0.00	67.95 -0.14 0.00	74.01 -0.15 0.00	77.40 -0.31 0.00	81.69 -0.08 0.00	73.68 -0.22 0.00	67.05 -0.13 0.00	62.37 -0.25 0.00	55.61 -0.79 -0.16	49.44 -0.15 0.00	44.67 -0.04 0.00

GOUDEY___7 23579	46.03 0.14 0.00	42.89 0.17 0.00	42.91 0.13 0.00	42.39 0.13 0.00	43.82 0.13 0.00	44.92 0.00 0.00	59.22 0.18 0.00	69.92 0.21 0.00	67.79 -0.14 0.00	63.73 -0.06 0.00	62.61 0.00 0.00	62.20 0.06 0.00	63.15 -0.13 0.00	63.99 -0.13 0.00	67.95 -0.14 0.00	74.01 -0.15 0.00	77.40 -0.31 0.00	81.69 -0.08 0.00	73.68 -0.22 0.00	67.05 -0.13 0.00	62.37 -0.25 0.00	55.61 -0.79 -0.16	49.44 -0.15 0.00	44.67 -0.04 0.00
GOUDEY___8 23580	46.03 0.14 0.00	42.89 0.17 0.00	42.91 0.13 0.00	42.39 0.13 0.00	43.82 0.13 0.00	44.92 0.00 0.00	59.22 0.18 0.00	69.92 0.21 0.00	67.79 -0.14 0.00	63.73 -0.06 0.00	62.61 0.00 0.00	62.20 0.06 0.00	63.15 -0.13 0.00	63.99 -0.13 0.00	67.95 -0.14 0.00	74.01 -0.15 0.00	77.40 -0.31 0.00	81.69 -0.08 0.00	73.68 -0.22 0.00	67.05 -0.13 0.00	62.37 -0.25 0.00	55.61 -0.79 -0.16	49.44 -0.15 0.00	44.67 -0.04 0.00
GOWANUS_GT1_1 24077	48.97 3.07 0.00	45.54 2.82 0.00	45.39 2.61 0.00	44.59 2.32 0.00	46.09 2.40 0.00	47.62 2.70 0.00	62.94 3.90 0.00	73.89 4.18 0.00	72.15 4.21 -0.02	78.19 4.21 -10.19	68.08 4.07 -1.41	71.40 3.36 -5.91	74.29 3.42 -7.60	74.01 4.10 -5.79	72.32 4.22 -0.02	78.62 4.45 -0.02	82.92 5.21 0.00	87.27 5.48 -0.02	78.78 4.88 0.00	71.57 4.37 -0.02	66.83 4.20 -0.02	60.66 3.94 -0.48	52.86 3.27 0.00	47.53 2.82 0.00
GOWANUS_GT1_2 24078	48.97 3.07 0.00	45.54 2.82 0.00	45.39 2.61 0.00	44.59 2.32 0.00	46.09 2.40 0.00	47.62 2.70 0.00	62.94 3.90 0.00	73.89 4.18 0.00	72.15 4.21 -0.02	78.19 4.21 -10.19	68.08 4.07 -1.41	71.40 3.36 -5.91	74.29 3.42 -7.60	74.01 4.10 -5.79	72.32 4.22 -0.02	78.62 4.45 -0.02	82.92 5.21 0.00	87.27 5.48 -0.02	78.78 4.88 0.00	71.57 4.37 -0.02	66.83 4.20 -0.02	60.66 3.94 -0.48	52.86 3.27 0.00	47.53 2.82 0.00
GOWANUS_GT1_3 24079	48.97 3.07 0.00	45.54 2.82 0.00	45.39 2.61 0.00	44.59 2.32 0.00	46.09 2.40 0.00	47.62 2.70 0.00	62.94 3.90 0.00	73.89 4.18 0.00	72.15 4.21 -0.02	78.19 4.21 -10.19	68.08 4.07 -1.41	71.40 3.36 -5.91	74.29 3.42 -7.60	74.01 4.10 -5.79	72.32 4.22 -0.02	78.62 4.45 -0.02	82.92 5.21 0.00	87.27 5.48 -0.02	78.78 4.88 0.00	71.57 4.37 -0.02	66.83 4.20 -0.02	60.66 3.94 -0.48	52.86 3.27 0.00	47.53 2.82 0.00
GOWANUS_GT1_4 24080	48.97 3.07 0.00	45.54 2.82 0.00	45.39 2.61 0.00	44.59 2.32 0.00	46.09 2.40 0.00	47.62 2.70 0.00	62.94 3.90 0.00	73.89 4.18 0.00	72.15 4.21 -0.02	78.19 4.21 -10.19	68.08 4.07 -1.41	71.40 3.36 -5.91	74.29 3.42 -7.60	74.01 4.10 -5.79	72.32 4.22 -0.02	78.62 4.45 -0.02	82.92 5.21 0.00	87.27 5.48 -0.02	78.78 4.88 0.00	71.57 4.37 -0.02	66.83 4.20 -0.02	60.66 3.94 -0.48	52.86 3.27 0.00	47.53 2.82 0.00
GOWANUS_GT1_5 24084	48.97 3.07 0.00	45.54 2.82 0.00	45.39 2.61 0.00	44.59 2.32 0.00	46.09 2.40 0.00	47.62 2.70 0.00	62.94 3.90 0.00	73.89 4.18 0.00	72.15 4.21 -0.02	78.19 4.21 -10.19	68.08 4.07 -1.41	71.40 3.36 -5.91	74.29 3.42 -7.60	74.01 4.10 -5.79	72.32 4.22 -0.02	78.62 4.45 -0.02	82.92 5.21 0.00	87.27 5.48 -0.02	78.78 4.88 0.00	71.57 4.37 -0.02	66.83 4.20 -0.02	60.66 3.94 -0.48	52.86 3.27 0.00	47.53 2.82 0.00
GOWANUS_GT1_6 24111	48.97 3.07 0.00	45.54 2.82 0.00	45.39 2.61 0.00	44.59 2.32 0.00	46.09 2.40 0.00	47.62 2.70 0.00	62.94 3.90 0.00	73.89 4.18 0.00	72.15 4.21 -0.02	78.19 4.21 -10.19	68.08 4.07 -1.41	71.40 3.36 -5.91	74.29 3.42 -7.60	74.01 4.10 -5.79	72.32 4.22 -0.02	78.62 4.45 -0.02	82.92 5.21 0.00	87.27 5.48 -0.02	78.78 4.88 0.00	71.57 4.37 -0.02	66.83 4.20 -0.02	60.66 3.94 -0.48	52.86 3.27 0.00	47.53 2.82 0.00
GOWANUS_GT1_7 24112	48.97 3.07 0.00	45.54 2.82 0.00	45.39 2.61 0.00	44.59 2.32 0.00	46.09 2.40 0.00	47.62 2.70 0.00	62.94 3.90 0.00	73.89 4.18 0.00	72.15 4.21 -0.02	78.19 4.21 -10.19	68.08 4.07 -1.41	71.40 3.36 -5.91	74.29 3.42 -7.60	74.01 4.10 -5.79	72.32 4.22 -0.02	78.62 4.45 -0.02	82.92 5.21 0.00	87.27 5.48 -0.02	78.78 4.88 0.00	71.57 4.37 -0.02	66.83 4.20 -0.02	60.66 3.94 -0.48	52.86 3.27 0.00	47.53 2.82 0.00
GOWANUS_GT1_8 24113	48.97 3.07 0.00	45.54 2.82 0.00	45.39 2.61 0.00	44.59 2.32 0.00	46.09 2.40 0.00	47.62 2.70 0.00	62.94 3.90 0.00	73.89 4.18 0.00	72.15 4.21 -0.02	78.19 4.21 -10.19	68.08 4.07 -1.41	71.40 3.36 -5.91	74.29 3.42 -7.60	74.01 4.10 -5.79	72.32 4.22 -0.02	78.62 4.45 -0.02	82.92 5.21 0.00	87.27 5.48 -0.02	78.78 4.88 0.00	71.57 4.37 -0.02	66.83 4.20 -0.02	60.66 3.94 -0.48	52.86 3.27 0.00	47.53 2.82 0.00
GOWANUS_GT2_1 24114	48.97 3.08 0.00	45.54 2.82 0.00	45.34 2.57 0.00	44.59 2.32 0.00	46.04 2.36 0.00	47.62 2.70 0.00	62.94 3.90 0.00	73.82 4.11 0.00	72.15 4.21 -0.02	78.19 4.21 -10.19	68.08 4.07 -1.41	71.31 3.35 -5.82	74.24 3.48 -7.49	74.02 4.11 -5.79	72.26 4.15 -0.02	78.55 4.37 -0.02	82.84 5.13 0.00	87.27 5.48 -0.02	78.78 4.88 -0.01	71.63 4.43 -0.02	66.83 4.20 -0.02	60.65 3.94 -0.48	52.86 3.27 0.00	47.53 2.82 0.00
GOWANUS_GT2_2 24115	48.97 3.08 0.00	45.54 2.82 0.00	45.34 2.57 0.00	44.59 2.32 0.00	46.04 2.36 0.00	47.62 2.70 0.00	62.94 3.90 0.00	73.82 4.11 0.00	72.15 4.21 -0.02	78.19 4.21 -10.19	68.08 4.07 -1.41	71.31 3.35 -5.82	74.24 3.48 -7.49	74.02 4.11 -5.79	72.26 4.15 -0.02	78.55 4.37 -0.02	82.84 5.13 0.00	87.27 5.48 -0.02	78.78 4.88 -0.01	71.63 4.43 -0.02	66.83 4.20 -0.02	60.65 3.94 -0.48	52.86 3.27 0.00	47.53 2.82 0.00
GOWANUS_GT2_3 24116	48.97 3.08 0.00	45.54 2.82 0.00	45.34 2.57 0.00	44.59 2.32 0.00	46.04 2.36 0.00	47.62 2.70 0.00	62.94 3.90 0.00	73.82 4.11 0.00	72.15 4.21 -0.02	78.19 4.21 -10.19	68.08 4.07 -1.41	71.31 3.35 -5.82	74.24 3.48 -7.49	74.02 4.11 -5.79	72.26 4.15 -0.02	78.55 4.37 -0.02	82.84 5.13 0.00	87.27 5.48 -0.02	78.78 4.88 -0.01	71.63 4.43 -0.02	66.83 4.20 -0.02	60.65 3.94 -0.48	52.86 3.27 0.00	47.53 2.82 0.00
GOWANUS_GT2_4 24117	48.97 3.08 0.00	45.54 2.82 0.00	45.34 2.57 0.00	44.59 2.32 0.00	46.04 2.36 0.00	47.62 2.70 0.00	62.94 3.90 0.00	73.82 4.11 0.00	72.15 4.21 -0.02	78.19 4.21 -10.19	68.08 4.07 -1.41	71.31 3.35 -5.82	74.24 3.48 -7.49	74.02 4.11 -5.79	72.26 4.15 -0.02	78.55 4.37 -0.02	82.84 5.13 0.00	87.27 5.48 -0.02	78.78 4.88 -0.01	71.63 4.43 -0.02	66.83 4.20 -0.02	60.65 3.94 -0.48	52.86 3.27 0.00	47.53 2.82 0.00
GOWANUS_GT2_5 24118	48.97 3.08 0.00	45.54 2.82 0.00	45.34 2.57 0.00	44.59 2.32 0.00	46.04 2.36 0.00	47.62 2.70 0.00	62.94 3.90 0.00	73.82 4.11 0.00	72.15 4.21 -0.02	78.19 4.21 -10.19	68.08 4.07 -1.41	71.31 3.35 -5.82	74.24 3.48 -7.49	74.02 4.11 -5.79	72.26 4.15 -0.02	78.55 4.37 -0.02	82.84 5.13 0.00	87.27 5.48 -0.02	78.78 4.88 -0.01	71.63 4.43 -0.02	66.83 4.20 -0.02	60.65 3.94 -0.48	52.86 3.27 0.00	47.53 2.82 0.00

GOWANUS_GT2_6 24119	48.97 3.08 0.00	45.54 2.82 0.00	45.34 2.57 0.00	44.59 2.32 0.00	46.04 2.36 0.00	47.62 2.70 0.00	62.94 3.90 0.00	73.82 4.11 0.00	72.15 4.21 -0.02	78.19 4.21 -10.19	68.08 4.07 -1.41	71.31 3.35 -5.82	74.24 3.48 -7.49	74.02 4.11 -5.79	72.26 4.15 -0.02	78.55 4.37 -0.02	82.84 5.13 0.00	87.27 5.48 -0.02	78.78 4.88 -0.01	71.63 4.43 -0.02	66.83 4.20 -0.02	60.65 3.94 -0.48	52.86 3.27 0.00	47.53 2.82 0.00
GOWANUS_GT2_7 24120	48.97 3.08 0.00	45.54 2.82 0.00	45.34 2.57 0.00	44.59 2.32 0.00	46.04 2.36 0.00	47.62 2.70 0.00	62.94 3.90 0.00	73.82 4.11 0.00	72.15 4.21 -0.02	78.19 4.21 -10.19	68.08 4.07 -1.41	71.31 3.35 -5.82	74.24 3.48 -7.49	74.02 4.11 -5.79	72.26 4.15 -0.02	78.55 4.37 -0.02	82.84 5.13 0.00	87.27 5.48 -0.02	78.78 4.88 -0.01	71.63 4.43 -0.02	66.83 4.20 -0.02	60.65 3.94 -0.48	52.86 3.27 0.00	47.53 2.82 0.00
GOWANUS_GT2_8 24121	48.97 3.08 0.00	45.54 2.82 0.00	45.34 2.57 0.00	44.59 2.32 0.00	46.04 2.36 0.00	47.62 2.70 0.00	62.94 3.90 0.00	73.82 4.11 0.00	72.15 4.21 -0.02	78.19 4.21 -10.19	68.08 4.07 -1.41	71.31 3.35 -5.82	74.24 3.48 -7.49	74.02 4.11 -5.79	72.26 4.15 -0.02	78.55 4.37 -0.02	82.84 5.13 0.00	87.27 5.48 -0.02	78.78 4.88 -0.01	71.63 4.43 -0.02	66.83 4.20 -0.02	60.65 3.94 -0.48	52.86 3.27 0.00	47.53 2.82 0.00
GOWANUS_GT3_1 24122	48.97 3.08 0.00	45.54 2.82 0.00	45.34 2.57 0.00	44.59 2.32 0.00	46.04 2.36 0.00	47.62 2.70 0.00	62.94 3.90 0.00	73.82 4.11 0.00	72.15 4.21 -0.02	78.19 4.21 -10.19	68.08 4.07 -1.41	71.40 3.35 -5.91	74.35 3.48 -7.60	74.02 4.11 -5.79	72.26 4.15 -0.02	78.55 4.37 -0.02	82.84 5.13 0.00	87.27 5.48 -0.02	78.78 4.88 -0.01	71.63 4.43 -0.02	66.83 4.20 -0.02	60.65 3.94 -0.48	52.86 3.27 0.00	47.53 2.82 0.00
GOWANUS_GT3_2 24123	48.97 3.08 0.00	45.54 2.82 0.00	45.34 2.57 0.00	44.59 2.32 0.00	46.04 2.36 0.00	47.62 2.70 0.00	62.94 3.90 0.00	73.82 4.11 0.00	72.15 4.21 -0.02	78.19 4.21 -10.19	68.08 4.07 -1.41	71.40 3.35 -5.91	74.35 3.48 -7.60	74.02 4.11 -5.79	72.26 4.15 -0.02	78.55 4.37 -0.02	82.84 5.13 0.00	87.27 5.48 -0.02	78.78 4.88 -0.01	71.63 4.43 -0.02	66.83 4.20 -0.02	60.65 3.94 -0.48	52.86 3.27 0.00	47.53 2.82 0.00
GOWANUS_GT3_3 24124	48.97 3.08 0.00	45.54 2.82 0.00	45.34 2.57 0.00	44.59 2.32 0.00	46.04 2.36 0.00	47.62 2.70 0.00	62.94 3.90 0.00	73.82 4.11 0.00	72.15 4.21 -0.02	78.19 4.21 -10.19	68.08 4.07 -1.41	71.40 3.35 -5.91	74.35 3.48 -7.60	74.02 4.11 -5.79	72.26 4.15 -0.02	78.55 4.37 -0.02	82.84 5.13 0.00	87.27 5.48 -0.02	78.78 4.88 -0.01	71.63 4.43 -0.02	66.83 4.20 -0.02	60.65 3.94 -0.48	52.86 3.27 0.00	47.53 2.82 0.00
GOWANUS_GT3_4 24125	48.97 3.08 0.00	45.54 2.82 0.00	45.34 2.57 0.00	44.59 2.32 0.00	46.04 2.36 0.00	47.62 2.70 0.00	62.94 3.90 0.00	73.82 4.11 0.00	72.15 4.21 -0.02	78.19 4.21 -10.19	68.08 4.07 -1.41	71.40 3.35 -5.91	74.35 3.48 -7.60	74.02 4.11 -5.79	72.26 4.15 -0.02	78.55 4.37 -0.02	82.84 5.13 0.00	87.27 5.48 -0.02	78.78 4.88 -0.01	71.63 4.43 -0.02	66.83 4.20 -0.02	60.65 3.94 -0.48	52.86 3.27 0.00	47.53 2.82 0.00
GOWANUS_GT3_5 24126	48.97 3.08 0.00	45.54 2.82 0.00	45.34 2.57 0.00	44.59 2.32 0.00	46.04 2.36 0.00	47.62 2.70 0.00	62.94 3.90 0.00	73.82 4.11 0.00	72.15 4.21 -0.02	78.19 4.21 -10.19	68.08 4.07 -1.41	71.40 3.35 -5.91	74.35 3.48 -7.60	74.02 4.11 -5.79	72.26 4.15 -0.02	78.55 4.37 -0.02	82.84 5.13 0.00	87.27 5.48 -0.02	78.78 4.88 -0.01	71.63 4.43 -0.02	66.83 4.20 -0.02	60.65 3.94 -0.48	52.86 3.27 0.00	47.53 2.82 0.00
GOWANUS_GT3_6 24127	48.97 3.08 0.00	45.54 2.82 0.00	45.34 2.57 0.00	44.59 2.32 0.00	46.04 2.36 0.00	47.62 2.70 0.00	62.94 3.90 0.00	73.82 4.11 0.00	72.15 4.21 -0.02	78.19 4.21 -10.19	68.08 4.07 -1.41	71.40 3.35 -5.91	74.35 3.48 -7.60	74.02 4.11 -5.79	72.26 4.15 -0.02	78.55 4.37 -0.02	82.84 5.13 0.00	87.27 5.48 -0.02	78.78 4.88 -0.01	71.63 4.43 -0.02	66.83 4.20 -0.02	60.65 3.94 -0.48	52.86 3.27 0.00	47.53 2.82 0.00
GOWANUS_GT3_7 24128	48.97 3.08 0.00	45.54 2.82 0.00	45.34 2.57 0.00	44.59 2.32 0.00	46.04 2.36 0.00	47.62 2.70 0.00	62.94 3.90 0.00	73.82 4.11 0.00	72.15 4.21 -0.02	78.19 4.21 -10.19	68.08 4.07 -1.41	71.40 3.35 -5.91	74.35 3.48 -7.60	74.02 4.11 -5.79	72.26 4.15 -0.02	78.55 4.37 -0.02	82.84 5.13 0.00	87.27 5.48 -0.02	78.78 4.88 -0.01	71.63 4.43 -0.02	66.83 4.20 -0.02	60.65 3.94 -0.48	52.86 3.27 0.00	47.53 2.82 0.00
GOWANUS_GT3_8 24129	48.97 3.08 0.00	45.54 2.82 0.00	45.34 2.57 0.00	44.59 2.32 0.00	46.04 2.36 0.00	47.62 2.70 0.00	62.94 3.90 0.00	73.82 4.11 0.00	72.15 4.21 -0.02	78.19 4.21 -10.19	68.08 4.07 -1.41	71.40 3.35 -5.91	74.35 3.48 -7.60	74.02 4.11 -5.79	72.26 4.15 -0.02	78.55 4.37 -0.02	82.84 5.13 0.00	87.27 5.48 -0.02	78.78 4.88 -0.01	71.63 4.43 -0.02	66.83 4.20 -0.02	60.65 3.94 -0.48	52.86 3.27 0.00	47.53 2.82 0.00
GOWANUS_GT4_1 24130	48.97 3.07 0.00	45.54 2.82 0.00	45.39 2.61 0.00	44.59 2.32 0.00	46.09 2.40 0.00	47.62 2.70 0.00	62.94 3.90 0.00	73.89 4.18 0.00	72.15 4.21 -0.02	78.19 4.21 -10.19	68.08 4.07 -1.41	71.32 3.36 -5.82	74.18 3.42 -7.49	74.01 4.10 -5.79	72.32 4.22 -0.02	78.62 4.45 -0.02	82.92 5.21 0.00	87.27 5.48 -0.02	78.78 4.88 0.00	71.57 4.37 -0.02	66.83 4.20 -0.02	60.66 3.94 -0.48	52.86 3.27 0.00	47.53 2.82 0.00
GOWANUS_GT4_2 24131	48.97 3.07 0.00	45.54 2.82 0.00	45.39 2.61 0.00	44.59 2.32 0.00	46.09 2.40 0.00	47.62 2.70 0.00	62.94 3.90 0.00	73.89 4.18 0.00	72.15 4.21 -0.02	78.19 4.21 -10.19	68.08 4.07 -1.41	71.32 3.36 -5.82	74.18 3.42 -7.49	74.01 4.10 -5.79	72.32 4.22 -0.02	78.62 4.45 -0.02	82.92 5.21 0.00	87.27 5.48 -0.02	78.78 4.88 0.00	71.57 4.37 -0.02	66.83 4.20 -0.02	60.66 3.94 -0.48	52.86 3.27 0.00	47.53 2.82 0.00
GOWANUS_GT4_3 24132	48.97 3.07 0.00	45.54 2.82 0.00	45.39 2.61 0.00	44.59 2.32 0.00	46.09 2.40 0.00	47.62 2.70 0.00	62.94 3.90 0.00	73.89 4.18 0.00	72.15 4.21 -0.02	78.19 4.21 -10.19	68.08 4.07 -1.41	71.32 3.36 -5.82	74.18 3.42 -7.49	74.01 4.10 -5.79	72.32 4.22 -0.02	78.62 4.45 -0.02	82.92 5.21 0.00	87.27 5.48 -0.02	78.78 4.88 0.00	71.57 4.37 -0.02	66.83 4.20 -0.02	60.66 3.94 -0.48	52.86 3.27 0.00	47.53 2.82 0.00
GOWANUS_GT4_4 24133	48.97 3.07 0.00	45.54 2.82 0.00	45.39 2.61 0.00	44.59 2.32 0.00	46.09 2.40 0.00	47.62 2.70 0.00	62.94 3.90 0.00	73.89 4.18 0.00	72.15 4.21 -0.02	78.19 4.21 -10.19	68.08 4.07 -1.41	71.32 3.36 -5.82	74.18 3.42 -7.49	74.01 4.10 -5.79	72.32 4.22 -0.02	78.62 4.45 -0.02	82.92 5.21 0.00	87.27 5.48 -0.02	78.78 4.88 0.00	71.57 4.37 -0.02	66.83 4.20 -0.02	60.66 3.94 -0.48	52.86 3.27 0.00	47.53 2.82 0.00

GOWANUS_GT4_5 24134	48.97 3.07 0.00	45.54 2.82 0.00	45.39 2.61 0.00	44.59 2.32 0.00	46.09 2.40 0.00	47.62 2.70 0.00	62.94 3.90 0.00	73.89 4.18 0.00	72.15 4.21 -0.02	78.19 4.21 -10.19	68.08 4.07 -1.41	71.32 3.36 -5.82	74.18 3.42 -7.49	74.01 4.10 -5.79	72.32 4.22 -0.02	78.62 4.45 -0.02	82.92 5.21 0.00	87.27 5.48 -0.02	78.78 4.88 0.00	71.57 4.37 -0.02	66.83 4.20 -0.02	60.66 3.94 -0.48	52.86 3.27 0.00	47.53 2.82 0.00
GOWANUS_GT4_6 24135	48.97 3.07 0.00	45.54 2.82 0.00	45.39 2.61 0.00	44.59 2.32 0.00	46.09 2.40 0.00	47.62 2.70 0.00	62.94 3.90 0.00	73.89 4.18 0.00	72.15 4.21 -0.02	78.19 4.21 -10.19	68.08 4.07 -1.41	71.32 3.36 -5.82	74.18 3.42 -7.49	74.01 4.10 -5.79	72.32 4.22 -0.02	78.62 4.45 -0.02	82.92 5.21 0.00	87.27 5.48 -0.02	78.78 4.88 0.00	71.57 4.37 -0.02	66.83 4.20 -0.02	60.66 3.94 -0.48	52.86 3.27 0.00	47.53 2.82 0.00
GOWANUS_GT4_7 24136	48.97 3.07 0.00	45.54 2.82 0.00	45.39 2.61 0.00	44.59 2.32 0.00	46.09 2.40 0.00	47.62 2.70 0.00	62.94 3.90 0.00	73.89 4.18 0.00	72.15 4.21 -0.02	78.19 4.21 -10.19	68.08 4.07 -1.41	71.32 3.36 -5.82	74.18 3.42 -7.49	74.01 4.10 -5.79	72.32 4.22 -0.02	78.62 4.45 -0.02	82.92 5.21 0.00	87.27 5.48 -0.02	78.78 4.88 0.00	71.57 4.37 -0.02	66.83 4.20 -0.02	60.66 3.94 -0.48	52.86 3.27 0.00	47.53 2.82 0.00
GOWANUS_GT4_8 24137	48.97 3.07 0.00	45.54 2.82 0.00	45.39 2.61 0.00	44.59 2.32 0.00	46.09 2.40 0.00	47.62 2.70 0.00	62.94 3.90 0.00	73.89 4.18 0.00	72.15 4.21 -0.02	78.19 4.21 -10.19	68.08 4.07 -1.41	71.32 3.36 -5.82	74.18 3.42 -7.49	74.01 4.10 -5.79	72.32 4.22 -0.02	78.62 4.45 -0.02	82.92 5.21 0.00	87.27 5.48 -0.02	78.78 4.88 0.00	71.57 4.37 -0.02	66.83 4.20 -0.02	60.66 3.94 -0.48	52.86 3.27 0.00	47.53 2.82 0.00
GREATVRV_69_KV_BK1 356245	50.31 4.41 -0.01	46.48 3.76 0.00	46.24 3.46 0.00	45.69 3.42 0.00	47.44 3.76 0.00	49.29 4.36 -0.01	64.84 5.79 -0.01	74.86 5.16 0.00	72.54 4.62 0.00	68.58 4.78 0.00	67.55 4.95 0.00	67.11 4.97 0.00	68.02 4.75 0.00	69.38 5.26 0.00	73.26 5.17 0.00	78.90 4.75 0.00	85.26 7.54 -0.01	89.63 7.85 -0.01	81.15 7.24 -0.01	73.57 6.38 0.00	68.13 5.51 0.00	62.00 5.29 -0.47	57.95 4.81 -3.55	48.92 4.20 -0.01
GREENBSH_115KV_TB3 55895	47.18 1.29 0.00	43.92 1.20 0.00	44.02 1.24 0.00	43.45 1.18 0.00	44.91 1.22 0.00	46.18 1.26 0.00	60.46 1.42 0.00	71.24 1.53 0.00	69.49 1.56 0.00	65.07 1.28 0.00	63.73 1.13 0.00	63.13 0.99 0.00	64.35 1.08 0.00	65.21 1.09 0.00	69.24 1.16 0.00	75.49 1.33 0.00	79.50 1.79 0.00	83.57 1.80 0.00	75.67 1.77 0.00	68.73 1.55 0.00	64.12 1.50 0.00	58.16 1.35 -0.58	50.68 1.09 0.00	45.78 1.07 0.00
GREENDGE_115KV_TB5 80291	45.99 0.09 0.00	42.85 0.13 0.00	42.86 0.09 0.00	42.47 0.21 0.00	43.95 0.26 0.00	45.06 0.13 0.00	59.16 0.12 0.00	68.87 -0.84 0.00	66.36 -1.56 0.00	62.83 -0.96 0.00	61.60 -1.00 0.00	61.14 -0.99 0.00	62.01 -1.27 0.00	62.07 -2.05 0.00	65.91 -2.18 0.00	71.93 -2.22 0.00	75.30 -2.41 0.00	80.05 -1.72 0.00	72.27 -1.63 0.00	65.71 -1.48 0.00	61.49 -1.13 0.00	55.01 -1.35 -0.12	49.34 -0.25 0.00	44.62 -0.09 0.00
GREENIDGE___3 23582	45.99 0.09 0.00	42.85 0.13 0.00	42.86 0.09 0.00	42.47 0.21 0.00	43.95 0.26 0.00	45.06 0.13 0.00	59.16 0.12 0.00	68.87 -0.84 0.00	66.36 -1.56 0.00	62.83 -0.96 0.00	61.60 -1.00 0.00	61.14 -0.99 0.00	62.01 -1.27 0.00	62.07 -2.05 0.00	65.91 -2.18 0.00	71.93 -2.22 0.00	75.30 -2.41 0.00	80.05 -1.72 0.00	72.27 -1.63 0.00	65.71 -1.48 0.00	61.49 -1.13 0.00	55.01 -1.35 -0.12	49.34 -0.25 0.00	44.62 -0.09 0.00
GREENIDGE___4 23583	45.99 0.09 0.00	42.85 0.13 0.00	42.86 0.09 0.00	42.48 0.21 0.00	43.95 0.26 0.00	45.06 0.14 0.00	59.16 0.12 0.00	68.87 -0.83 0.00	66.43 -1.49 0.00	62.13 -1.66 0.00	61.60 -1.00 0.00	61.21 -0.93 0.00	62.45 -0.82 0.00	62.77 -1.35 0.00	65.98 -2.11 0.00	72.82 -1.33 0.00	75.38 -2.33 0.00	80.05 -1.72 0.00	72.34 -1.56 0.00	65.71 -1.48 0.00	61.50 -1.13 0.00	55.00 -1.35 -0.12	49.34 -0.25 0.00	44.62 -0.09 0.00
GREENLWN_69_KV_BK 3 55738	49.07 3.17 -0.01	45.45 2.73 0.00	45.26 2.48 0.00	44.67 2.41 0.00	46.39 2.71 0.00	48.08 3.14 -0.01	63.01 3.96 -0.01	72.63 2.93 0.00	70.57 2.65 0.00	66.66 2.87 0.00	65.55 2.94 0.00	65.12 2.98 0.00	66.06 2.78 0.00	67.32 3.21 0.00	71.01 2.93 0.00	76.68 2.52 0.00	82.46 4.74 -0.01	86.77 4.99 -0.01	78.49 4.58 -0.01	71.22 4.03 0.00	66.06 3.44 0.00	60.20 3.49 -0.47	56.54 3.42 -3.53	47.72 3.00 -0.01
GREENWD_138_KV_38B11_REV_LBMP_J 345004	48.97 3.07 0.00	45.54 2.82 0.00	45.39 2.61 0.00	44.59 2.32 0.00	46.09 2.40 0.00	47.62 2.70 0.00	62.94 3.90 0.00	73.89 4.18 0.00	72.15 4.21 -0.02	78.19 4.21 -10.19	68.08 4.07 -1.41	71.40 3.36 -5.91	74.29 3.42 -7.60	74.01 4.10 -5.79	72.32 4.22 -0.02	78.62 4.45 -0.02	82.92 5.21 0.00	87.27 5.48 -0.02	78.78 4.88 0.00	71.57 4.37 -0.02	66.83 4.20 -0.02	60.66 3.94 -0.48	52.86 3.27 0.00	47.53 2.82 0.00
GRISSOM___SOLAR 323813	47.36 1.47 0.00	44.00 1.28 0.00	44.10 1.33 0.00	43.58 1.31 0.00	45.08 1.40 0.00	46.63 1.71 0.00	61.41 2.36 0.00	72.29 2.58 0.00	69.82 1.90 0.00	64.62 0.83 0.00	63.42 0.81 0.00	62.63 0.49 0.00	63.91 0.63 0.00	65.14 1.02 0.00	69.52 1.43 0.00	76.23 2.07 0.00	80.04 2.33 0.00	84.55 2.78 0.00	76.63 2.74 0.00	69.47 2.29 0.00	65.06 2.44 0.00	59.08 2.19 -0.65	51.37 1.78 0.00	46.14 1.43 0.00
GROVEVILLE___HYD 323602	48.46 2.57 0.00	45.11 2.39 0.00	45.09 2.31 0.00	44.46 2.20 0.00	45.96 2.27 0.00	47.44 2.52 0.00	62.47 3.42 0.00	73.54 3.83 0.00	71.93 4.01 0.00	67.81 4.02 0.00	66.30 3.69 0.00	65.68 3.54 0.00	66.95 3.67 0.00	68.03 3.91 0.00	72.10 4.02 0.00	78.31 4.15 0.00	82.61 4.90 0.00	86.84 5.07 0.00	78.41 4.51 0.00	71.28 4.10 0.00	66.32 3.69 0.00	60.08 3.37 -0.47	52.41 2.83 0.00	47.04 2.33 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	45.34 -0.55 0.00	42.21 -0.51 0.00	42.26 -0.51 0.00	41.80 -0.46 0.00	43.16 -0.52 0.00	44.38 -0.54 0.00	58.39 -0.65 0.00	69.08 -0.63 0.00	67.25 -0.68 0.00	63.22 -0.57 0.00	62.17 -0.44 0.00	61.76 -0.37 0.00	62.83 -0.44 0.00	63.61 -0.51 0.00	67.61 -0.48 0.00	73.49 -0.67 0.00	76.93 -0.78 0.00	81.12 -0.65 0.00	73.23 -0.67 0.00	66.65 -0.54 0.00	61.93 -0.69 0.00	55.50 -0.79 -0.05	48.99 -0.60 0.00	44.18 -0.54 0.00
HAMLTNNY_34_KV_TB 80303	45.44 -0.46 0.00	42.29 -0.43 0.00	42.35 -0.43 0.00	41.84 -0.42 0.00	43.25 -0.44 0.00	44.43 -0.49 0.00	58.51 -0.53 0.00	69.29 -0.42 0.00	67.45 -0.48 0.00	63.41 -0.38 0.00	62.29 -0.31 0.00	61.95 -0.19 0.00	62.96 -0.32 0.00	63.73 -0.38 0.00	67.75 -0.34 0.00	73.71 -0.44 0.00	77.01 -0.70 0.00	81.20 -0.57 0.00	73.38 -0.52 0.00	66.71 -0.47 0.00	61.99 -0.63 0.00	55.56 -0.73 -0.05	49.04 -0.55 0.00	44.26 -0.45 0.00

HAMPSHIRE___PAPER_HYD 323593	43.65 -2.25 0.00	40.71 -2.01 0.00	40.77 -2.01 0.00	40.61 -1.65 0.00	42.12 -1.57 0.00	43.31 -1.62 0.00	56.57 -2.48 0.00	67.47 -2.23 0.00	66.43 -1.49 0.00	62.07 -1.72 0.00	61.42 -1.19 0.00	61.27 -0.87 0.00	62.71 -0.57 0.00	63.80 -0.32 0.00	67.75 -0.34 0.00	73.71 -0.44 0.00	75.30 -2.41 0.00	79.40 -2.37 0.00	71.31 -2.59 0.00	64.77 -2.42 0.00	61.43 -1.19 0.00	55.52 -0.73 -0.01	48.79 -0.80 0.00	44.22 -0.49 0.00
HARDSCRABBLE_WT_PWR 323673	48.92 3.03 0.00	45.58 2.86 0.00	45.60 2.82 0.00	45.01 2.75 0.00	46.57 2.88 0.00	47.93 3.01 0.00	62.88 3.84 0.00	74.31 4.60 0.00	72.34 4.41 0.00	67.88 4.09 0.00	66.99 4.38 0.00	66.55 4.41 0.00	67.70 4.43 0.00	68.54 4.42 0.00	72.72 4.63 0.00	78.90 4.75 0.00	82.14 4.43 0.00	86.27 4.49 0.00	77.81 3.91 0.00	70.88 3.69 0.00	66.25 3.63 0.00	59.61 3.37 0.00	52.66 3.08 0.00	47.58 2.86 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	48.23 2.34 0.00	44.90 2.18 0.00	44.83 2.05 0.00	44.17 1.90 0.00	45.65 1.97 0.00	47.17 2.25 0.00	62.11 3.07 0.00	73.12 3.42 0.00	71.46 3.53 0.00	67.30 3.51 0.00	65.86 3.26 0.00	65.31 3.17 0.00	66.50 3.23 0.00	67.58 3.46 0.00	71.63 3.54 0.00	77.79 3.63 0.00	82.06 4.35 0.00	86.35 4.58 0.00	77.89 3.99 0.00	70.81 3.63 0.00	65.88 3.26 0.00	59.66 2.98 -0.44	52.12 2.53 0.00	46.81 2.10 0.00
HARSNRAD_115KV_TB1 81005	45.02 -0.87 0.00	41.78 -0.94 0.00	41.84 -0.94 0.00	41.46 -0.80 0.00	42.94 -0.74 0.00	42.72 -2.20 0.00	55.80 -3.25 0.00	65.87 -3.83 0.00	63.24 -4.69 0.00	60.16 -3.64 0.00	59.16 -3.44 0.00	59.09 -3.04 0.00	59.73 -3.54 0.00	60.34 -3.78 0.00	63.73 -4.36 0.00	69.71 -4.45 0.00	71.96 -5.75 0.00	76.29 -5.48 0.00	68.80 -5.10 0.00	62.55 -4.64 0.00	58.05 -4.57 0.00	51.53 -4.78 -0.07	46.51 -3.07 0.00	42.70 -2.01 0.00
HARZA MOOSE___RIVER 24016	45.62 -0.28 0.00	42.51 -0.21 0.00	42.52 -0.26 0.00	42.09 -0.17 0.00	43.60 -0.09 0.00	44.97 0.04 0.00	59.10 0.06 0.00	70.26 0.56 0.00	68.88 0.95 0.00	64.49 0.70 0.00	63.48 0.88 0.00	63.07 0.93 0.00	64.29 1.01 0.00	65.27 1.15 0.00	69.45 1.36 0.00	75.49 1.33 0.00	78.18 0.47 0.00	82.43 0.65 0.00	74.19 0.30 0.00	67.52 0.34 0.00	63.37 0.75 0.00	56.82 0.56 -0.02	49.89 0.30 0.00	44.98 0.27 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	45.07 -0.83 0.00	41.95 -0.77 0.00	42.01 -0.77 0.00	41.50 -0.76 0.00	42.90 -0.79 0.00	44.07 -0.85 0.00	57.98 -1.06 0.00	68.52 -1.19 0.00	66.70 -1.22 0.00	62.71 -1.08 0.00	61.60 -1.00 0.00	61.20 -0.93 0.00	62.26 -1.01 0.00	63.03 -1.09 0.00	67.00 -1.09 0.00	72.89 -1.26 0.00	76.31 -1.40 0.00	80.38 -1.39 0.00	72.64 -1.26 0.00	66.04 -1.14 0.00	61.43 -1.19 0.00	55.05 -1.24 -0.04	48.65 -0.94 0.00	43.86 -0.85 0.00
HELLGATE_13_KV_LD 55870	49.02 3.12 0.00	45.58 2.86 0.00	45.43 2.65 0.00	44.67 2.41 0.00	46.13 2.45 0.00	47.75 2.83 0.00	63.12 4.07 0.00	74.17 4.46 0.00	72.49 4.55 -0.02	78.51 4.53 -10.19	68.40 4.38 -1.41	72.12 4.10 -5.88	74.95 4.11 -7.56	74.33 4.42 -5.79	72.67 4.56 -0.02	78.92 4.75 -0.02	83.23 5.52 0.00	87.59 5.81 -0.02	79.07 5.17 0.00	71.84 4.64 -0.02	67.02 4.38 -0.02	60.77 4.05 -0.48	53.01 3.42 0.00	47.62 2.91 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	49.02 3.12 0.00	45.58 2.86 0.00	45.43 2.65 0.00	44.67 2.41 0.00	46.13 2.45 0.00	47.75 2.83 0.00	63.12 4.07 0.00	74.17 4.46 0.00	72.49 4.55 -0.02	78.51 4.53 -10.19	68.40 4.38 -1.41	72.12 4.10 -5.88	74.95 4.11 -7.56	74.33 4.42 -5.79	72.67 4.56 -0.02	78.92 4.75 -0.02	83.23 5.52 0.00	87.59 5.81 -0.02	79.07 5.17 0.00	71.84 4.64 -0.02	67.02 4.38 -0.02	60.77 4.05 -0.48	53.01 3.42 0.00	47.62 2.91 0.00
HEMPSTEAD____ 23647	48.93 3.03 -0.01	45.41 2.69 0.00	45.21 2.44 0.00	44.63 2.37 0.00	46.22 2.53 0.00	47.85 2.92 -0.01	63.01 3.96 -0.01	73.26 3.55 0.00	71.45 3.53 0.00	67.30 3.51 0.00	66.24 3.63 0.00	65.80 3.67 0.00	66.94 3.67 0.00	68.03 3.91 0.00	71.76 3.67 0.00	77.34 3.19 0.00	82.85 5.13 -0.01	87.26 5.48 -0.01	78.71 4.80 -0.01	71.62 4.43 0.00	66.57 3.95 0.00	60.42 3.71 -0.48	57.17 3.27 -4.31	47.59 2.86 -0.01
HICKLING___1 23621	45.85 -0.05 0.00	42.72 0.00 0.00	42.78 0.00 0.00	42.31 0.04 0.00	43.77 0.09 0.00	44.74 -0.18 0.00	59.04 0.00 0.00	69.57 -0.14 0.00	67.11 -0.82 0.00	63.22 -0.57 0.00	62.11 -0.50 0.00	61.76 -0.37 0.00	62.64 -0.63 0.00	63.28 -0.83 0.00	67.13 -0.95 0.00	73.12 -1.04 0.00	76.23 -1.48 0.00	80.79 -0.98 0.00	72.79 -1.11 0.00	66.24 -0.94 0.00	61.56 -1.06 0.00	54.34 -2.02 -0.13	48.94 -0.64 0.00	44.40 -0.31 0.00
HICKLING___2 23622	45.85 -0.05 0.00	42.72 0.00 0.00	42.78 0.00 0.00	42.31 0.04 0.00	43.77 0.09 0.00	44.74 -0.18 0.00	59.04 0.00 0.00	69.57 -0.14 0.00	67.11 -0.82 0.00	63.22 -0.57 0.00	62.11 -0.50 0.00	61.76 -0.37 0.00	62.64 -0.63 0.00	63.28 -0.83 0.00	67.13 -0.95 0.00	73.12 -1.04 0.00	76.23 -1.48 0.00	80.79 -0.98 0.00	72.79 -1.11 0.00	66.24 -0.94 0.00	61.56 -1.06 0.00	54.34 -2.02 -0.13	48.94 -0.64 0.00	44.40 -0.31 0.00
HIGH FALLS___HY 23754	48.51 2.62 0.00	45.20 2.48 0.00	45.13 2.35 0.00	44.46 2.20 0.00	46.00 2.32 0.00	47.48 2.56 0.00	62.59 3.54 0.00	73.82 4.11 0.00	72.14 4.21 0.00	67.94 4.15 0.00	66.30 3.69 0.00	65.68 3.54 0.00	66.95 3.67 0.00	67.97 3.85 0.00	72.17 4.09 0.00	78.46 4.30 0.00	82.84 5.13 0.00	87.17 5.40 0.00	78.78 4.88 0.00	71.55 4.37 0.00	66.50 3.88 0.00	60.25 3.54 -0.47	52.51 2.93 0.00	47.13 2.41 0.00
HIGH_RIVER___SOLAR 323847	47.18 1.28 0.00	43.87 1.15 0.00	43.97 1.20 0.00	43.45 1.18 0.00	44.91 1.22 0.00	46.40 1.48 0.00	61.05 2.01 0.00	71.80 2.09 0.00	69.21 1.29 0.00	63.98 0.19 0.00	62.79 0.19 0.00	62.07 -0.06 0.00	63.34 0.06 0.00	64.51 0.39 0.00	68.91 0.82 0.00	75.64 1.48 0.00	79.65 1.94 0.00	84.22 2.45 0.00	76.26 2.36 0.00	69.20 2.01 0.00	64.75 2.13 0.00	58.79 1.91 -0.64	51.13 1.54 0.00	45.96 1.25 0.00
HILLBURN___GT 23639	48.19 2.29 0.00	44.90 2.18 0.00	44.79 2.01 0.00	44.12 1.86 0.00	45.56 1.88 0.00	47.12 2.20 0.00	62.05 3.01 0.00	72.98 3.28 0.00	71.25 3.33 0.00	67.11 3.32 0.00	65.74 3.13 0.00	65.12 2.98 0.00	66.38 3.10 0.00	67.32 3.20 0.00	71.36 3.27 0.00	77.49 3.34 0.00	81.75 4.04 0.00	86.10 4.33 0.00	77.67 3.77 0.00	70.68 3.49 0.00	65.75 3.13 0.00	59.55 2.87 -0.44	52.02 2.43 0.00	46.77 2.06 0.00
HILLSIDE_115KV_TB1 80332	45.39 -0.50 0.00	42.34 -0.38 0.00	42.35 -0.43 0.00	41.84 -0.42 0.00	43.25 -0.44 0.00	44.25 -0.67 0.00	58.39 -0.65 0.00	68.73 -0.98 0.00	66.29 -1.63 0.00	62.39 -1.40 0.00	61.29 -1.31 0.00	60.89 -1.24 0.00	61.82 -1.46 0.00	62.45 -1.67 0.00	66.25 -1.84 0.00	72.23 -1.93 0.00	75.38 -2.33 0.00	79.81 -1.96 0.00	71.98 -1.92 0.00	65.44 -1.75 0.00	60.80 -1.82 0.00	53.78 -2.59 -0.13	48.40 -1.19 0.00	43.91 -0.80 0.00

HISHELDN_WT_PWR 323625	44.66 -1.24 0.00	41.52 -1.20 0.00	41.58 -1.20 0.00	41.21 -1.05 0.00	42.81 -0.87 0.00	43.22 -1.71 0.00	56.62 -2.42 0.00	66.85 -2.86 0.00	64.32 -3.60 0.00	60.92 -2.87 0.00	59.98 -2.63 0.00	59.78 -2.36 0.00	60.56 -2.72 0.00	61.17 -2.95 0.00	64.82 -3.27 0.00	70.52 -3.63 0.00	73.20 -4.51 0.00	77.43 -4.34 0.00	69.91 -3.99 0.00	63.49 -3.70 0.00	58.80 -3.82 0.00	51.66 -4.67 -0.09	47.01 -2.58 0.00	42.92 -1.79 0.00
HOLTSVILLE_IC_1 23690	49.48 3.58 -0.01	45.75 3.03 0.00	45.52 2.74 0.00	44.97 2.71 0.00	46.66 2.97 0.00	48.48 3.55 -0.01	63.48 4.43 -0.01	72.91 3.21 0.00	71.19 3.26 0.00	66.98 3.19 0.00	65.92 3.32 0.00	65.43 3.29 0.00	66.25 2.97 0.00	67.58 3.46 0.00	71.29 3.20 0.00	76.16 2.00 0.00	82.62 4.90 -0.01	87.02 5.24 -0.01	78.78 4.88 -0.01	71.49 4.30 0.00	66.19 3.57 0.00	60.59 3.88 -0.47	56.73 3.67 -3.47	48.12 3.40 -0.01
HOLTSVILLE_IC_10 23699	49.76 3.86 -0.01	45.97 3.25 0.00	45.73 2.95 0.00	45.18 2.91 0.00	46.87 3.19 0.00	48.70 3.77 -0.01	63.89 4.84 -0.01	73.33 3.62 0.00	71.66 3.73 0.00	67.36 3.57 0.00	66.36 3.76 0.00	65.80 3.67 0.00	66.63 3.35 0.00	68.03 3.91 0.00	71.76 3.67 0.00	76.60 2.44 0.00	83.24 5.52 -0.01	87.67 5.89 -0.01	79.45 5.55 -0.01	72.02 4.84 0.00	66.63 4.01 0.00	60.98 4.27 -0.47	57.05 3.97 -3.49	48.39 3.67 -0.01
HOLTSVILLE_IC_2 23691	49.48 3.58 -0.01	45.75 3.03 0.00	45.52 2.74 0.00	44.97 2.71 0.00	46.66 2.97 0.00	48.48 3.55 -0.01	63.48 4.43 -0.01	72.91 3.21 0.00	71.19 3.26 0.00	66.98 3.19 0.00	65.92 3.32 0.00	65.43 3.29 0.00	66.25 2.97 0.00	67.58 3.46 0.00	71.29 3.20 0.00	76.16 2.00 0.00	82.62 4.90 -0.01	87.02 5.24 -0.01	78.78 4.88 -0.01	71.49 4.30 0.00	66.19 3.57 0.00	60.59 3.88 -0.47	56.73 3.67 -3.47	48.12 3.40 -0.01
HOLTSVILLE_IC_3 23692	49.48 3.58 -0.01	45.75 3.03 0.00	45.52 2.74 0.00	44.97 2.71 0.00	46.66 2.97 0.00	48.48 3.55 -0.01	63.48 4.43 -0.01	72.91 3.21 0.00	71.19 3.26 0.00	66.98 3.19 0.00	65.92 3.32 0.00	65.43 3.29 0.00	66.25 2.97 0.00	67.58 3.46 0.00	71.29 3.20 0.00	76.16 2.00 0.00	82.62 4.90 -0.01	87.02 5.24 -0.01	78.78 4.88 -0.01	71.49 4.30 0.00	66.19 3.57 0.00	60.59 3.88 -0.47	56.73 3.67 -3.47	48.12 3.40 -0.01
HOLTSVILLE_IC_4 23693	49.48 3.58 -0.01	45.75 3.03 0.00	45.52 2.74 0.00	44.97 2.71 0.00	46.66 2.97 0.00	48.48 3.55 -0.01	63.48 4.43 -0.01	72.91 3.21 0.00	71.19 3.26 0.00	66.98 3.19 0.00	65.92 3.32 0.00	65.43 3.29 0.00	66.25 2.97 0.00	67.58 3.46 0.00	71.29 3.20 0.00	76.16 2.00 0.00	82.62 4.90 -0.01	87.02 5.24 -0.01	78.78 4.88 -0.01	71.49 4.30 0.00	66.19 3.57 0.00	60.59 3.88 -0.47	56.73 3.67 -3.47	48.12 3.40 -0.01
HOLTSVILLE_IC_5 23694	49.48 3.58 -0.01	45.75 3.03 0.00	45.52 2.74 0.00	44.97 2.71 0.00	46.66 2.97 0.00	48.48 3.55 -0.01	63.48 4.43 -0.01	72.91 3.21 0.00	71.19 3.26 0.00	66.98 3.19 0.00	65.92 3.32 0.00	65.43 3.29 0.00	66.25 2.97 0.00	67.58 3.46 0.00	71.29 3.20 0.00	76.16 2.00 0.00	82.62 4.90 -0.01	87.02 5.24 -0.01	78.78 4.88 -0.01	71.49 4.30 0.00	66.19 3.57 0.00	60.59 3.88 -0.47	56.73 3.67 -3.47	48.12 3.40 -0.01
HOLTSVILLE_IC_6 23695	49.76 3.86 -0.01	45.97 3.25 0.00	45.73 2.95 0.00	45.18 2.91 0.00	46.87 3.19 0.00	48.70 3.77 -0.01	63.89 4.84 -0.01	73.33 3.62 0.00	71.66 3.73 0.00	67.36 3.57 0.00	66.36 3.76 0.00	65.80 3.67 0.00	66.63 3.35 0.00	68.03 3.91 0.00	71.76 3.67 0.00	76.60 2.44 0.00	83.24 5.52 -0.01	87.67 5.89 -0.01	79.45 5.55 -0.01	72.02 4.84 0.00	66.63 4.01 0.00	60.98 4.27 -0.47	57.05 3.97 -3.49	48.39 3.67 -0.01
HOLTSVILLE_IC_7 23696	49.76 3.86 -0.01	45.97 3.25 0.00	45.73 2.95 0.00	45.18 2.91 0.00	46.87 3.19 0.00	48.70 3.77 -0.01	63.89 4.84 -0.01	73.33 3.62 0.00	71.66 3.73 0.00	67.36 3.57 0.00	66.36 3.76 0.00	65.80 3.67 0.00	66.63 3.35 0.00	68.03 3.91 0.00	71.76 3.67 0.00	76.60 2.44 0.00	83.24 5.52 -0.01	87.67 5.89 -0.01	79.45 5.55 -0.01	72.02 4.84 0.00	66.63 4.01 0.00	60.98 4.27 -0.47	57.05 3.97 -3.49	48.39 3.67 -0.01
HOLTSVILLE_IC_8 23697	49.76 3.86 -0.01	45.97 3.25 0.00	45.73 2.95 0.00	45.18 2.91 0.00	46.87 3.19 0.00	48.70 3.77 -0.01	63.89 4.84 -0.01	73.33 3.62 0.00	71.66 3.73 0.00	67.36 3.57 0.00	66.36 3.76 0.00	65.80 3.67 0.00	66.63 3.35 0.00	68.03 3.91 0.00	71.76 3.67 0.00	76.60 2.44 0.00	83.24 5.52 -0.01	87.67 5.89 -0.01	79.45 5.55 -0.01	72.02 4.84 0.00	66.63 4.01 0.00	60.98 4.27 -0.47	57.05 3.97 -3.49	48.39 3.67 -0.01
HOLTSVILLE_IC_9 23698	49.76 3.86 -0.01	45.97 3.25 0.00	45.73 2.95 0.00	45.18 2.91 0.00	46.87 3.19 0.00	48.70 3.77 -0.01	63.89 4.84 -0.01	73.33 3.62 0.00	71.66 3.73 0.00	67.36 3.57 0.00	66.36 3.76 0.00	65.80 3.67 0.00	66.63 3.35 0.00	68.03 3.91 0.00	71.76 3.67 0.00	76.60 2.44 0.00	83.24 5.52 -0.01	87.67 5.89 -0.01	79.45 5.55 -0.01	72.02 4.84 0.00	66.63 4.01 0.00	60.98 4.27 -0.47	57.05 3.97 -3.49	48.39 3.67 -0.01
HOMER_HL_115KV_TB2 355744	45.11 -0.78 0.00	42.04 -0.68 0.00	42.01 -0.77 0.00	41.59 -0.68 0.00	43.03 -0.66 0.00	43.66 -1.26 0.00	57.69 -1.36 0.00	67.89 -1.81 0.00	64.94 -2.99 0.00	61.30 -2.49 0.00	60.35 -2.25 0.00	60.02 -2.11 0.00	60.74 -2.53 0.00	61.43 -2.69 0.00	64.95 -3.13 0.00	70.74 -3.41 0.00	73.44 -4.27 0.00	78.01 -3.76 0.00	70.43 -3.47 0.00	64.03 -3.16 0.00	59.24 -3.38 0.00	50.42 -5.91 -0.09	47.60 -1.98 0.00	43.42 -1.30 0.00
HOWARD_WT_PWR 323690	44.79 -1.10 0.00	41.69 -1.03 0.00	41.71 -1.07 0.00	41.42 -0.84 0.00	43.03 -0.65 0.00	43.89 -1.03 0.00	57.98 -1.06 0.00	68.52 -1.19 0.00	66.09 -1.83 0.00	62.13 -1.66 0.00	61.35 -1.25 0.00	61.02 -1.12 0.00	61.88 -1.39 0.00	62.45 -1.67 0.00	66.05 -2.04 0.00	71.93 -2.22 0.00	74.76 -2.95 0.00	79.15 -2.62 0.00	71.24 -2.66 0.00	64.70 -2.48 0.00	59.99 -2.63 0.00	52.80 -3.54 -0.11	47.75 -1.83 0.00	43.28 -1.43 0.00
HQ_GEN_CEDARS 23644	43.32 -2.57 0.00	40.37 -2.35 0.00	40.51 -2.27 0.00	40.66 -1.61 0.00	42.16 -1.53 0.00	43.35 -1.57 0.00	56.86 -2.18 0.00	67.75 -1.95 0.00	66.63 -1.29 0.00	62.52 -1.28 0.00	61.67 -0.94 0.00	61.83 -0.31 0.00	63.40 0.13 0.00	64.57 0.45 0.00	68.36 0.27 0.00	74.60 0.44 0.00	76.31 -1.40 0.00	80.14 -1.64 0.00	71.98 -1.92 0.00	65.24 -1.95 0.00	61.68 -0.94 0.00	55.96 -0.28 0.00	49.44 -0.15 0.00	44.85 0.13 0.00
HQ_GEN_CEDARS_PROXY 323590	43.33 -2.57 0.00	40.37 -2.35 0.00	40.51 -2.27 0.00	40.66 -1.61 0.00	42.16 -1.53 0.00	43.35 -1.57 0.00	56.86 -2.18 0.00	72.23 -2.02 -4.54	63.31 -1.29 3.33	61.30 -1.28 1.22	61.67 -0.94 0.00	61.83 -0.31 0.00	63.40 0.13 0.00	64.57 0.45 0.00	68.36 0.27 0.00	74.60 0.45 0.00	76.23 -1.48 0.00	80.22 -1.56 0.00	71.98 -1.92 0.00	65.23 -1.95 0.00	61.68 -0.94 0.00	55.96 -0.28 0.00	49.44 -0.15 0.00	44.85 0.13 0.00

HQ_GEN_IMPORT 323601	45.89 0.00 0.00	42.72 0.00 0.00	42.78 0.00 0.00	42.26 0.00 0.00	43.69 0.00 0.00	44.92 0.00 0.00	59.04 0.00 0.00	74.25 0.00 -4.54	64.60 0.00 3.33	62.58 0.00 1.22	62.61 0.00 0.00	62.14 0.00 0.00	63.28 0.00 0.00	64.12 0.00 0.00	68.09 0.00 0.00	74.15 0.00 0.00	77.71 0.00 0.00	81.77 0.00 0.00	73.90 0.00 0.00	67.18 0.00 0.00	62.62 0.00 0.00	56.24 0.00 0.00	49.59 0.00 0.00	44.71 0.00 0.00
HQ_GEN_WHEEL 23651	45.89 0.00 0.00	42.72 0.00 0.00	42.78 0.00 0.00	42.26 0.00 0.00	43.69 0.00 0.00	44.92 0.00 0.00	59.04 0.00 0.00	74.25 0.00 -4.54	64.60 0.00 3.33	62.58 0.00 1.22	62.61 0.00 0.00	62.14 0.00 0.00	63.28 0.00 0.00	64.12 0.00 0.00	68.09 0.00 0.00	74.15 0.00 0.00	77.71 0.00 0.00	81.77 0.00 0.00	73.90 0.00 0.00	67.18 0.00 0.00	62.62 0.00 0.00	56.24 0.00 0.00	49.59 0.00 0.00	44.71 0.00 0.00
HUDSON AVE_GT_3 23810	48.60 2.71 0.00	45.24 2.52 0.00	45.13 2.35 0.00	44.42 2.16 0.00	45.87 2.18 0.00	47.48 2.56 0.00	62.82 3.78 0.00	73.96 4.25 0.00	72.36 4.42 -0.02	78.17 4.34 -10.04	68.12 4.13 -1.39	71.97 4.04 -5.80	74.78 4.05 -7.45	73.99 4.17 -5.71	72.39 4.29 -0.02	78.69 4.52 -0.02	82.99 5.28 0.00	87.35 5.56 -0.02	78.78 4.88 0.00	71.57 4.37 -0.02	66.71 4.07 -0.02	60.43 3.71 -0.48	52.66 3.07 0.00	47.31 2.59 0.00
HUDSON AVE_GT_4 23540	48.60 2.71 0.00	45.24 2.52 0.00	45.13 2.35 0.00	44.42 2.16 0.00	45.87 2.18 0.00	47.48 2.56 0.00	62.82 3.78 0.00	73.96 4.25 0.00	72.36 4.42 -0.02	78.17 4.34 -10.04	68.12 4.13 -1.39	71.97 4.04 -5.80	74.78 4.05 -7.45	73.99 4.17 -5.71	72.39 4.29 -0.02	78.69 4.52 -0.02	82.99 5.28 0.00	87.35 5.56 -0.02	78.78 4.88 0.00	71.57 4.37 -0.02	66.71 4.07 -0.02	60.43 3.71 -0.48	52.66 3.07 0.00	47.31 2.59 0.00
HUDSON AVE_GT_5 23657	48.60 2.71 0.00	45.24 2.52 0.00	45.13 2.35 0.00	44.42 2.16 0.00	45.87 2.18 0.00	47.48 2.56 0.00	62.82 3.78 0.00	73.96 4.25 0.00	72.36 4.42 -0.02	78.17 4.34 -10.04	68.12 4.13 -1.39	71.97 4.04 -5.80	74.78 4.05 -7.45	73.99 4.17 -5.71	72.39 4.29 -0.02	78.69 4.52 -0.02	82.99 5.28 0.00	87.35 5.56 -0.02	78.78 4.88 0.00	71.57 4.37 -0.02	66.71 4.07 -0.02	60.43 3.71 -0.48	52.66 3.07 0.00	47.31 2.59 0.00
HUDSON_AVE_10 24168	48.42 2.52 0.00	45.07 2.35 0.00	44.96 2.18 0.00	44.25 1.99 0.00	45.70 2.01 0.00	47.30 2.38 0.00	62.65 3.60 0.00	73.68 3.97 0.00	72.08 4.14 -0.02	77.92 4.08 -10.04	67.87 3.88 -1.39	71.78 3.85 -5.80	74.59 3.86 -7.45	73.74 3.91 -5.71	72.12 4.02 -0.02	78.40 4.23 -0.02	82.76 5.05 0.00	87.10 5.32 -0.02	78.63 4.73 0.00	71.43 4.23 -0.02	66.52 3.88 -0.02	60.26 3.54 -0.48	52.51 2.93 0.00	47.13 2.41 0.00
HUDSON___115KV_TB 4 355613	47.87 1.97 0.00	44.56 1.84 0.00	44.66 1.88 0.00	44.08 1.82 0.00	45.61 1.92 0.00	46.90 1.98 0.00	61.52 2.48 0.00	72.49 2.79 0.00	70.57 2.65 0.00	65.90 2.11 0.00	64.42 1.82 0.00	63.69 1.55 0.00	64.92 1.65 0.00	65.91 1.80 0.00	69.99 1.91 0.00	76.45 2.30 0.00	80.66 2.95 0.00	85.04 3.27 0.00	77.08 3.18 0.00	69.94 2.75 0.00	65.25 2.63 0.00	58.88 2.08 -0.56	51.52 1.93 0.00	46.46 1.74 0.00
HUNTER MOUNT___DRP 323613	47.87 1.97 0.00	44.60 1.88 0.00	44.70 1.92 0.00	44.12 1.86 0.00	45.65 1.97 0.00	46.94 2.02 0.00	61.52 2.48 0.00	72.56 2.86 0.00	70.64 2.72 0.00	65.96 2.17 0.00	64.42 1.82 0.00	63.63 1.49 0.00	64.98 1.71 0.00	65.98 1.86 0.00	70.13 2.04 0.00	76.53 2.37 0.00	80.82 3.11 0.00	85.12 3.35 0.00	77.15 3.25 0.00	70.01 2.82 0.00	65.31 2.69 0.00	58.70 1.91 -0.55	51.52 1.93 0.00	46.46 1.74 0.00
HUNTINGTON_RES_REC 323705	49.35 3.44 -0.01	45.67 2.95 0.00	45.39 2.61 0.00	44.84 2.58 0.00	46.57 2.88 0.00	48.34 3.41 -0.01	63.36 4.31 -0.01	72.85 3.14 0.00	71.12 3.19 0.00	66.85 3.06 0.00	65.80 3.19 0.00	65.30 3.17 0.00	66.31 3.04 0.00	67.51 3.40 0.00	71.29 3.20 0.00	76.38 2.22 0.00	82.62 4.90 -0.01	87.09 5.31 -0.01	78.86 4.95 -0.01	71.62 4.43 0.00	66.38 3.76 0.00	60.59 3.88 -0.47	56.76 3.67 -3.50	48.03 3.31 -0.01
HUNTLEY___63 23557	44.98 -0.92 0.00	41.74 -0.98 0.00	41.79 -0.98 0.00	41.42 -0.85 0.00	42.90 -0.79 0.00	42.95 -1.98 0.00	56.09 -2.95 0.00	66.22 -3.49 0.00	63.71 -4.21 0.00	60.60 -3.19 0.00	59.73 -2.88 0.00	59.59 -2.55 0.00	60.24 -3.04 0.00	60.91 -3.21 0.00	64.34 -3.74 0.00	70.15 -4.00 0.00	72.35 -5.36 0.00	76.70 -5.07 0.00	69.17 -4.73 0.00	62.88 -4.30 0.00	58.36 -4.26 0.00	51.70 -4.61 -0.07	46.86 -2.73 0.00	42.92 -1.79 0.00
HUNTLEY___64 23558	44.98 -0.92 0.00	41.74 -0.98 0.00	41.79 -0.98 0.00	41.42 -0.85 0.00	42.90 -0.79 0.00	42.95 -1.98 0.00	56.09 -2.95 0.00	66.22 -3.49 0.00	63.71 -4.21 0.00	60.60 -3.19 0.00	59.73 -2.88 0.00	59.59 -2.55 0.00	60.24 -3.04 0.00	60.91 -3.21 0.00	64.34 -3.74 0.00	70.15 -4.00 0.00	72.35 -5.36 0.00	76.70 -5.07 0.00	69.17 -4.73 0.00	62.88 -4.30 0.00	58.36 -4.26 0.00	51.70 -4.61 -0.07	46.86 -2.73 0.00	42.92 -1.79 0.00
HUNTLEY___65 23559	44.98 -0.92 0.00	41.74 -0.98 0.00	41.79 -0.98 0.00	41.42 -0.85 0.00	42.90 -0.79 0.00	42.95 -1.98 0.00	56.09 -2.95 0.00	66.22 -3.49 0.00	63.71 -4.21 0.00	60.60 -3.19 0.00	59.73 -2.88 0.00	59.59 -2.55 0.00	60.24 -3.04 0.00	60.91 -3.21 0.00	64.34 -3.74 0.00	70.15 -4.00 0.00	72.35 -5.36 0.00	76.70 -5.07 0.00	69.17 -4.73 0.00	62.88 -4.30 0.00	58.36 -4.26 0.00	51.70 -4.61 -0.07	46.86 -2.73 0.00	42.92 -1.79 0.00
HUNTLEY___66 23560	44.98 -0.92 0.00	41.74 -0.98 0.00	41.79 -0.98 0.00	41.42 -0.85 0.00	42.90 -0.79 0.00	42.95 -1.98 0.00	56.09 -2.95 0.00	66.22 -3.49 0.00	63.71 -4.21 0.00	60.60 -3.19 0.00	59.73 -2.88 0.00	59.59 -2.55 0.00	60.24 -3.04 0.00	60.91 -3.21 0.00	64.34 -3.74 0.00	70.15 -4.00 0.00	72.35 -5.36 0.00	76.70 -5.07 0.00	69.17 -4.73 0.00	62.88 -4.30 0.00	58.36 -4.26 0.00	51.70 -4.61 -0.07	46.86 -2.73 0.00	42.92 -1.79 0.00
HUNTLEY___67 23561	44.79 -1.10 0.00	41.61 -1.11 0.00	41.66 -1.11 0.00	41.25 -1.01 0.00	42.73 -0.96 0.00	42.90 -2.02 0.00	56.03 -3.01 0.00	66.15 -3.56 0.00	63.65 -4.28 0.00	60.47 -3.32 0.00	59.54 -3.07 0.00	59.40 -2.73 0.00	60.11 -3.16 0.00	60.66 -3.46 0.00	64.14 -3.95 0.00	69.93 -4.23 0.00	72.19 -5.52 0.00	76.62 -5.15 0.00	69.02 -4.88 0.00	62.75 -4.43 0.00	58.24 -4.38 0.00	51.53 -4.78 -0.08	46.71 -2.88 0.00	42.83 -1.88 0.00
HUNTLEY___68 23562	44.79 -1.10 0.00	41.61 -1.11 0.00	41.66 -1.11 0.00	41.25 -1.01 0.00	42.73 -0.96 0.00	42.90 -2.02 0.00	56.03 -3.01 0.00	66.15 -3.56 0.00	63.65 -4.28 0.00	60.47 -3.32 0.00	59.54 -3.07 0.00	59.40 -2.73 0.00	60.11 -3.16 0.00	60.66 -3.46 0.00	64.14 -3.95 0.00	69.93 -4.23 0.00	72.19 -5.52 0.00	76.62 -5.15 0.00	69.02 -4.88 0.00	62.75 -4.43 0.00	58.24 -4.38 0.00	51.53 -4.78 -0.08	46.71 -2.88 0.00	42.83 -1.88 0.00



HYLAND___LFGE 323620	46.95 1.06 0.00	43.49 0.77 0.00	43.59 0.81 0.00	43.19 0.93 0.00	44.95 1.27 0.00	45.69 0.76 0.00	60.58 1.53 0.00	71.94 2.23 0.00	68.81 0.88 0.00	64.18 0.39 0.00	62.73 0.13 0.00	62.51 0.38 0.00	63.09 -0.19 0.00	63.74 -0.38 0.00	68.09 0.00 0.00	74.53 0.37 0.00	78.49 0.78 0.00	83.57 1.80 0.00	75.82 1.92 0.00	68.93 1.74 0.00	63.94 1.32 0.00	56.72 0.40 -0.09	50.33 0.74 0.00	45.56 0.85 0.00
INDECK___CORINTH 23802	49.02 3.12 0.00	45.54 2.82 0.00	45.64 2.87 0.00	45.14 2.88 0.00	46.61 2.93 0.00	48.11 3.19 0.00	61.52 2.48 0.00	72.29 2.58 0.00	70.44 2.51 0.00	65.77 1.98 0.00	64.61 2.00 0.00	63.81 1.68 0.00	65.04 1.77 0.00	65.78 1.66 0.00	69.72 1.63 0.00	76.08 1.92 0.00	79.88 2.17 0.00	84.31 2.54 0.00	76.33 2.44 0.00	69.20 2.01 0.00	65.19 2.57 0.00	60.66 3.83 -0.60	52.96 3.37 0.00	47.62 2.90 0.00
INDECK___ILION 23567	47.59 1.70 0.00	44.30 1.58 0.00	44.36 1.58 0.00	43.83 1.56 0.00	45.30 1.62 0.00	46.63 1.71 0.00	61.23 2.18 0.00	72.36 2.65 0.00	70.44 2.51 0.00	66.15 2.36 0.00	65.11 2.50 0.00	64.62 2.49 0.00	65.81 2.53 0.00	66.68 2.56 0.00	70.74 2.66 0.00	76.90 2.74 0.00	80.35 2.64 0.00	84.47 2.70 0.00	76.26 2.36 0.00	69.40 2.22 0.00	64.75 2.13 0.00	58.21 1.97 0.00	51.37 1.79 0.00	46.32 1.61 0.00
INDECK___OLEAN 23982	45.11 -0.78 0.00	42.04 -0.69 0.00	41.96 -0.81 0.00	41.50 -0.76 0.00	42.99 -0.70 0.00	43.66 -1.26 0.00	57.69 -1.36 0.00	67.89 -1.81 0.00	65.01 -2.92 0.00	61.30 -2.49 0.00	60.36 -2.25 0.00	60.09 -2.05 0.00	60.81 -2.47 0.00	61.49 -2.63 0.00	65.09 -2.99 0.00	70.89 -3.26 0.00	73.67 -4.04 0.00	78.18 -3.60 0.00	70.65 -3.25 0.00	64.10 -3.09 0.00	59.24 -3.38 0.00	50.42 -5.90 -0.09	47.60 -1.99 0.00	43.37 -1.34 0.00
INDECK___OSWEGO 23783	44.47 -1.42 0.00	41.40 -1.32 0.00	41.45 -1.33 0.00	41.00 -1.27 0.00	42.38 -1.31 0.00	43.53 -1.39 0.00	57.21 -1.83 0.00	67.89 -1.81 0.00	66.02 -1.90 0.00	62.01 -1.79 0.00	60.92 -1.69 0.00	60.52 -1.62 0.00	61.63 -1.65 0.00	62.39 -1.73 0.00	66.32 -1.77 0.00	72.00 -2.15 0.00	75.30 -2.41 0.00	79.40 -2.37 0.00	71.75 -2.15 0.00	65.23 -1.95 0.00	60.74 -1.88 0.00	54.53 -1.74 -0.04	48.05 -1.54 0.00	43.33 -1.39 0.00
INDECK___YERKES 23781	45.02 -0.87 0.00	41.78 -0.94 0.00	41.96 -0.81 0.00	41.54 -0.72 0.00	43.16 -0.52 0.00	42.95 -1.98 0.00	56.15 -2.89 0.00	66.29 -3.41 0.00	63.85 -4.07 0.00	60.73 -3.06 0.00	59.79 -2.82 0.00	59.65 -2.49 0.00	60.37 -2.91 0.00	60.98 -3.14 0.00	64.62 -3.47 0.00	70.30 -3.86 0.00	72.73 -4.98 0.00	76.87 -4.90 0.00	69.54 -4.36 0.00	63.08 -4.10 0.00	58.43 -4.19 0.00	51.70 -4.61 -0.07	46.91 -2.68 0.00	42.92 -1.79 0.00
INDIAN POINT_GT_1 24139	48.19 2.29 0.00	44.90 2.18 0.00	44.79 2.01 0.00	44.17 1.90 0.00	45.61 1.92 0.00	47.12 2.20 0.00	62.11 3.07 0.00	73.05 3.35 0.00	71.39 3.46 0.00	67.24 3.44 0.00	65.86 3.26 0.00	65.24 3.11 0.00	66.44 3.16 0.00	67.39 3.27 0.00	71.42 3.34 0.00	77.71 3.56 0.00	81.98 4.27 0.00	86.19 4.42 0.00	77.82 3.92 0.00	70.75 3.56 0.00	65.88 3.26 0.00	59.74 3.04 -0.46	52.12 2.53 0.00	46.81 2.10 0.00
INDIAN POINT_GT_2 23659	48.19 2.29 0.00	44.90 2.18 0.00	44.79 2.01 0.00	44.17 1.90 0.00	45.61 1.92 0.00	47.12 2.20 0.00	62.11 3.07 0.00	73.05 3.35 0.00	71.39 3.46 0.00	67.24 3.44 0.00	65.86 3.26 0.00	65.24 3.11 0.00	66.44 3.16 0.00	67.39 3.27 0.00	71.42 3.34 0.00	77.71 3.56 0.00	81.98 4.27 0.00	86.19 4.42 0.00	77.82 3.92 0.00	70.75 3.56 0.00	65.88 3.26 0.00	59.74 3.04 -0.46	52.12 2.53 0.00	46.81 2.10 0.00
INDIAN POINT_GT_3 24019	48.19 2.29 0.00	44.90 2.18 0.00	44.79 2.01 0.00	44.17 1.90 0.00	45.61 1.92 0.00	47.12 2.20 0.00	62.11 3.07 0.00	73.05 3.35 0.00	71.39 3.46 0.00	67.24 3.44 0.00	65.86 3.26 0.00	65.24 3.11 0.00	66.44 3.16 0.00	67.39 3.27 0.00	71.42 3.34 0.00	77.71 3.56 0.00	81.98 4.27 0.00	86.19 4.42 0.00	77.82 3.92 0.00	70.75 3.56 0.00	65.88 3.26 0.00	59.74 3.04 -0.46	52.12 2.53 0.00	46.81 2.10 0.00
INDIAN POINT___2 23530	48.19 2.29 0.00	44.86 2.14 0.00	44.75 1.97 0.00	44.12 1.86 0.00	45.52 1.83 0.00	47.08 2.16 0.00	62.05 3.01 0.00	72.91 3.21 0.00	71.25 3.33 0.00	67.11 3.32 0.00	65.74 3.13 0.00	65.12 2.98 0.00	66.38 3.10 0.00	67.32 3.20 0.00	71.29 3.20 0.00	77.49 3.34 0.00	81.75 4.04 0.00	86.10 4.33 0.00	77.67 3.77 0.00	70.68 3.49 0.00	65.75 3.13 0.00	59.62 2.92 -0.45	52.07 2.48 0.00	46.81 2.10 0.00
INDIAN POINT___3 23531	48.19 2.29 0.00	44.86 2.14 0.00	44.79 2.01 0.00	44.12 1.86 0.00	45.56 1.88 0.00	47.08 2.16 0.00	62.05 3.01 0.00	72.98 3.28 0.00	71.32 3.40 0.00	67.11 3.32 0.00	65.74 3.13 0.00	65.12 2.98 0.00	66.31 3.04 0.00	67.32 3.21 0.00	71.36 3.27 0.00	77.57 3.41 0.00	81.83 4.12 0.00	86.11 4.33 0.00	77.74 3.84 0.00	70.61 3.43 0.00	65.81 3.19 0.00	59.62 2.92 -0.46	52.07 2.48 0.00	46.81 2.10 0.00
INGHAM_C_115KV_TB7 356103	49.80 3.90 0.00	46.35 3.63 0.00	46.37 3.59 0.00	45.81 3.55 0.00	47.36 3.67 0.00	48.74 3.82 0.00	63.89 4.84 0.00	75.49 5.79 0.00	73.43 5.50 0.00	68.96 5.17 0.00	68.05 5.45 0.00	67.60 5.47 0.00	68.84 5.57 0.00	69.70 5.58 0.00	73.87 5.79 0.00	80.24 6.08 0.00	83.46 5.75 0.00	87.66 5.89 0.00	79.15 5.25 0.00	72.09 4.90 0.00	67.32 4.70 0.00	60.62 4.39 0.00	53.55 3.97 0.00	48.38 3.67 0.00
IP CORINTH___1 23988	49.02 3.12 0.00	45.54 2.82 0.00	45.64 2.87 0.00	45.14 2.87 0.00	46.61 2.93 0.00	48.11 3.19 0.00	61.88 2.83 0.00	72.77 3.07 0.00	70.85 2.92 0.00	66.15 2.36 0.00	64.99 2.38 0.00	64.25 2.11 0.00	65.43 2.15 0.00	66.23 2.12 0.00	70.13 2.04 0.00	76.45 2.30 0.00	80.35 2.64 0.00	84.80 3.03 0.00	76.78 2.88 0.00	69.54 2.35 0.00	65.50 2.88 0.00	60.66 3.82 -0.60	52.96 3.37 0.00	47.62 2.91 0.00
IP___TICONDEROGA 23804	50.62 4.73 0.00	46.99 4.27 0.00	47.14 4.36 0.00	46.57 4.31 0.00	48.14 4.46 0.00	49.77 4.85 0.00	64.48 5.43 0.00	75.77 6.06 0.00	73.49 5.57 0.00	68.38 4.59 0.00	67.30 4.70 0.00	66.30 4.16 0.00	67.52 4.24 0.00	68.48 4.36 0.00	72.31 4.22 0.00	78.97 4.82 0.00	83.15 5.44 0.00	88.15 6.38 0.00	80.03 6.13 0.00	72.22 5.04 0.00	68.19 5.57 0.00	62.74 5.91 -0.60	54.79 5.21 0.00	49.14 4.43 0.00
ISLIP_RES_REC 323679	49.94 4.04 -0.01	46.14 3.42 0.00	45.90 3.12 0.00	45.35 3.08 0.00	47.05 3.36 0.00	48.93 4.00 -0.01	64.19 5.13 -0.01	73.75 4.04 0.00	72.00 4.08 0.00	67.75 3.96 0.00	66.80 4.20 0.00	66.24 4.10 0.00	67.07 3.80 0.00	68.48 4.36 0.00	72.24 4.15 0.00	77.04 2.89 0.00	83.78 6.07 -0.01	88.24 6.46 -0.01	79.97 6.06 -0.01	72.49 5.31 0.00	67.07 4.45 0.00	61.32 4.61 -0.47	57.30 4.21 -3.50	48.61 3.89 -0.01

JAMAICA__27_KV_LOAD 355505	48.33 2.43 0.00	44.94 2.22 0.00	44.83 2.05 0.00	44.08 1.82 0.00	45.52 1.83 0.00	47.26 2.34 0.00	62.76 3.72 0.00	73.89 4.18 0.00	72.15 4.21 -0.02	78.17 4.34 -10.04	67.75 3.76 -1.39	71.91 3.98 -5.80	74.71 3.99 -7.45	73.67 3.85 -5.71	72.19 4.09 -0.02	78.47 4.30 -0.02	83.07 5.36 0.00	87.51 5.72 -0.02	79.07 5.17 0.00	71.90 4.70 -0.02	66.89 4.26 -0.02	60.43 3.71 -0.48	52.56 2.98 0.00	47.08 2.37 0.00
JANIS__SOLAR 323808	46.99 1.10 0.00	43.83 1.11 0.00	43.80 1.02 0.00	43.28 1.01 0.00	44.82 1.13 0.00	46.23 1.30 0.00	61.17 2.12 0.00	72.77 3.06 0.00	70.37 2.44 0.00	65.70 1.91 0.00	64.48 1.88 0.00	63.94 1.80 0.00	64.98 1.71 0.00	65.85 1.73 0.00	70.33 2.24 0.00	76.68 2.52 0.00	80.43 2.72 0.00	85.21 3.43 0.00	76.78 2.88 0.00	69.87 2.69 0.00	65.06 2.44 0.00	57.89 1.52 -0.13	51.03 1.44 0.00	46.01 1.30 0.00
JARVIS____ 23743	46.03 0.14 0.00	42.85 0.13 0.00	42.91 0.13 0.00	42.39 0.13 0.00	43.82 0.13 0.00	45.10 0.18 0.00	59.28 0.24 0.00	69.99 0.28 0.00	68.20 0.27 0.00	64.05 0.26 0.00	62.86 0.25 0.00	62.39 0.25 0.00	63.53 0.25 0.00	64.44 0.32 0.00	68.43 0.34 0.00	74.45 0.30 0.00	78.02 0.31 0.00	82.10 0.33 0.00	74.12 0.22 0.00	67.39 0.20 0.00	62.87 0.25 0.00	56.46 0.23 0.00	49.79 0.20 0.00	44.89 0.18 0.00
JENNISON____1 23625	47.18 1.29 0.00	43.96 1.24 0.00	43.93 1.15 0.00	43.40 1.14 0.00	44.95 1.27 0.00	46.36 1.44 0.00	61.23 2.18 0.00	72.77 3.07 0.00	70.64 2.72 0.00	66.28 2.49 0.00	65.24 2.63 0.00	64.75 2.61 0.00	65.81 2.53 0.00	66.68 2.56 0.00	71.36 3.27 0.00	77.57 3.41 0.00	81.21 3.50 0.00	85.70 3.93 0.00	77.00 3.10 0.00	70.14 2.96 0.00	65.38 2.76 0.00	57.93 1.52 -0.17	51.03 1.44 0.00	46.05 1.34 0.00
JENNISON____2 23626	47.18 1.29 0.00	43.96 1.24 0.00	43.93 1.15 0.00	43.40 1.14 0.00	44.95 1.27 0.00	46.36 1.44 0.00	61.23 2.18 0.00	72.77 3.07 0.00	70.64 2.72 0.00	66.28 2.49 0.00	65.24 2.63 0.00	64.75 2.61 0.00	65.81 2.53 0.00	66.68 2.56 0.00	71.36 3.27 0.00	77.57 3.41 0.00	81.21 3.50 0.00	85.70 3.93 0.00	77.00 3.10 0.00	70.14 2.96 0.00	65.38 2.76 0.00	57.93 1.52 -0.17	51.03 1.44 0.00	46.05 1.34 0.00
JERICOHO_RISE_WT_PWR 323719	42.50 -3.40 0.00	39.60 -3.12 0.00	39.78 -3.00 0.00	39.94 -2.32 0.00	41.50 -2.18 0.00	42.77 -2.16 0.00	56.27 -2.77 0.00	67.06 -2.65 0.00	66.02 -1.90 0.00	62.07 -1.72 0.00	61.29 -1.32 0.00	61.45 -0.68 0.00	63.02 -0.25 0.00	64.18 0.06 0.00	67.95 -0.14 0.00	74.23 0.07 0.00	75.93 -1.78 0.00	79.81 -1.96 0.00	71.61 -2.29 0.00	64.90 -2.28 0.00	61.24 -1.38 0.00	55.57 -0.67 0.00	49.04 -0.54 0.00	44.45 -0.27 0.00
KATONAH__115KV_46KV_TB4 355592	48.37 2.48 0.00	45.11 2.39 0.00	45.04 2.27 0.00	44.42 2.16 0.00	45.91 2.23 0.00	47.35 2.43 0.00	62.47 3.42 0.00	73.40 3.69 0.00	71.86 3.94 0.00	67.75 3.96 0.00	66.36 3.76 0.00	65.68 3.54 0.00	66.88 3.61 0.00	67.84 3.72 0.00	71.97 3.88 0.00	78.31 4.15 0.00	82.61 4.90 0.00	86.76 4.99 0.00	78.33 4.43 0.00	71.22 4.03 0.00	66.38 3.76 0.00	60.08 3.37 -0.47	52.36 2.78 0.00	46.99 2.28 0.00
KCE_NY_1 323755	48.51 2.61 0.00	45.11 2.39 0.00	45.21 2.44 0.00	44.67 2.41 0.00	46.13 2.44 0.00	47.57 2.65 0.00	62.11 3.07 0.00	73.12 3.41 0.00	71.19 3.26 0.00	66.53 2.74 0.00	65.30 2.69 0.00	64.56 2.42 0.00	65.81 2.53 0.00	66.75 2.63 0.00	70.81 2.73 0.00	77.27 3.11 0.00	81.21 3.50 0.00	85.62 3.84 0.00	77.45 3.55 0.00	70.28 3.09 0.00	65.81 3.19 0.00	60.04 3.20 -0.60	52.36 2.78 0.00	47.08 2.37 0.00
KCE_NY_6_ESR 323823	45.16 -0.74 0.00	41.95 -0.77 0.00	41.92 -0.86 0.00	41.54 -0.72 0.00	43.12 -0.57 0.00	43.35 -1.57 0.00	56.80 -2.24 0.00	67.06 -2.65 0.00	64.53 -3.39 0.00	61.24 -2.55 0.00	60.29 -2.32 0.00	60.15 -1.99 0.00	60.87 -2.40 0.00	61.55 -2.57 0.00	65.16 -2.93 0.00	70.89 -3.26 0.00	73.51 -4.20 0.00	77.69 -4.09 0.00	70.21 -3.69 0.00	63.76 -3.42 0.00	58.99 -3.63 0.00	51.71 -4.61 -0.08	47.31 -2.28 0.00	43.28 -1.43 0.00
KEDC_PORT_JEFF_GT2 24210	49.58 3.67 -0.01	45.84 3.12 0.00	45.60 2.82 0.00	45.05 2.79 0.00	46.74 3.06 0.00	48.57 3.64 -0.01	63.66 4.61 -0.01	72.98 3.28 0.00	71.32 3.39 0.00	67.11 3.32 0.00	66.05 3.44 0.00	65.55 3.42 0.00	66.31 3.04 0.00	67.64 3.52 0.00	71.36 3.27 0.00	76.08 1.92 0.00	82.30 4.58 -0.01	86.69 4.91 -0.01	78.93 5.03 -0.01	71.62 4.43 0.00	66.31 3.69 0.00	60.82 4.10 -0.47	56.89 3.82 -3.48	48.25 3.53 -0.01
KEDC_PORT_JEFF_GT3 24211	49.58 3.67 -0.01	45.84 3.12 0.00	45.60 2.82 0.00	45.05 2.79 0.00	46.74 3.06 0.00	48.57 3.64 -0.01	63.66 4.61 -0.01	72.98 3.28 0.00	71.32 3.39 0.00	67.11 3.32 0.00	66.05 3.44 0.00	65.55 3.42 0.00	66.31 3.04 0.00	67.64 3.52 0.00	71.36 3.27 0.00	76.08 1.92 0.00	82.30 4.58 -0.01	86.69 4.91 -0.01	78.93 5.03 -0.01	71.62 4.43 0.00	66.31 3.69 0.00	60.82 4.10 -0.47	56.89 3.82 -3.48	48.25 3.53 -0.01
KEDC_GLWD_GT4 24219	48.98 3.08 -0.01	45.50 2.78 0.00	45.34 2.57 0.00	44.71 2.45 0.00	46.26 2.58 0.00	47.90 2.96 -0.01	63.13 4.07 -0.01	73.75 4.04 0.00	72.07 4.14 0.00	67.81 4.02 0.00	66.67 4.07 0.00	66.17 4.04 0.00	67.39 4.11 0.00	68.41 4.30 0.00	71.83 3.74 0.00	77.71 3.56 0.00	82.70 4.98 -0.01	87.09 5.31 -0.01	78.57 4.66 -0.01	71.42 4.24 0.00	66.82 4.20 0.00	60.59 3.88 -0.48	57.50 3.32 -4.59	47.63 2.90 -0.01
KEDC_GLWD_GT5 24220	48.98 3.08 -0.01	45.50 2.78 0.00	45.34 2.57 0.00	44.71 2.45 0.00	46.26 2.58 0.00	47.90 2.96 -0.01	63.13 4.07 -0.01	73.75 4.04 0.00	72.07 4.14 0.00	67.81 4.02 0.00	66.67 4.07 0.00	66.17 4.04 0.00	67.39 4.11 0.00	68.41 4.30 0.00	71.83 3.74 0.00	77.71 3.56 0.00	82.70 4.98 -0.01	87.09 5.31 -0.01	78.57 4.66 -0.01	71.42 4.24 0.00	66.82 4.20 0.00	60.59 3.88 -0.48	57.50 3.32 -4.59	47.63 2.90 -0.01
KENSICO____ 23655	48.37 2.48 0.00	44.98 2.26 0.00	44.92 2.14 0.00	44.25 1.99 0.00	45.70 2.01 0.00	47.26 2.34 0.00	62.35 3.31 0.00	73.33 3.62 0.00	71.66 3.74 0.00	67.49 3.70 0.00	66.11 3.51 0.00	65.49 3.36 0.00	66.69 3.42 0.00	67.64 3.53 0.00	71.70 3.61 0.00	77.94 3.78 0.00	82.29 4.58 0.00	86.51 4.74 0.00	78.11 4.21 0.00	71.01 3.83 0.00	66.13 3.51 0.00	59.96 3.26 -0.46	52.32 2.73 0.00	46.99 2.28 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	48.46 2.57 0.00	45.16 2.44 0.00	45.09 2.31 0.00	44.42 2.16 0.00	46.00 2.32 0.00	47.44 2.52 0.00	62.53 3.48 0.00	73.68 3.97 0.00	72.00 4.08 0.00	67.75 3.96 0.00	66.18 3.57 0.00	65.55 3.42 0.00	66.76 3.48 0.00	67.84 3.72 0.00	72.04 3.95 0.00	78.31 4.15 0.00	82.68 4.97 0.00	87.00 5.23 0.00	78.63 4.73 0.00	71.42 4.23 0.00	66.44 3.82 0.00	60.06 3.37 -0.45	52.46 2.88 0.00	47.08 2.37 0.00

KIAC_JFK_GT1 23816	48.01 2.11 0.00	44.64 1.92 0.00	44.53 1.75 0.00	43.78 1.52 0.00	45.26 1.57 0.00	46.94 2.02 0.00	62.29 3.25 0.00	73.33 3.62 0.00	71.61 3.67 -0.02	77.66 3.83 -10.04	67.31 3.32 -1.39	71.47 3.54 -5.80	74.27 3.54 -7.45	73.22 3.40 -5.71	71.64 3.54 -0.02	77.95 3.78 -0.02	82.45 4.74 0.00	86.78 4.99 -0.02	78.48 4.58 0.00	71.30 4.10 -0.02	66.39 3.76 -0.02	59.98 3.26 -0.48	52.22 2.63 0.00	46.77 2.06 0.00
KIAC_JFK_GT2 23817	48.01 2.11 0.00	44.64 1.92 0.00	44.53 1.75 0.00	43.78 1.52 0.00	45.26 1.57 0.00	46.94 2.02 0.00	62.29 3.25 0.00	73.33 3.62 0.00	71.61 3.67 -0.02	77.66 3.83 -10.04	67.31 3.32 -1.39	71.47 3.54 -5.80	74.27 3.54 -7.45	73.22 3.40 -5.71	71.64 3.54 -0.02	77.95 3.78 -0.02	82.45 4.74 0.00	86.78 4.99 -0.02	78.48 4.58 0.00	71.30 4.10 -0.02	66.39 3.76 -0.02	59.98 3.26 -0.48	52.22 2.63 0.00	46.77 2.06 0.00
KIAC_JFK____ 323774	48.01 2.11 0.00	44.64 1.92 0.00	44.53 1.75 0.00	43.78 1.52 0.00	45.21 1.53 0.00	46.95 2.02 0.00	62.29 3.25 0.00	73.26 3.55 0.00	71.74 3.80 -0.02	77.47 3.63 -10.04	67.31 3.32 -1.39	71.47 3.54 -5.80	74.33 3.60 -7.45	73.16 3.33 -5.71	71.64 3.54 -0.02	77.95 3.78 -0.02	82.45 4.74 0.00	86.78 4.99 -0.02	78.42 4.51 -0.01	71.37 4.17 -0.02	66.39 3.76 -0.02	60.04 3.32 -0.48	52.21 2.63 0.00	46.81 2.10 0.00
KINTIGH__24_KV_GSU 356498	44.70 -1.19 0.00	41.52 -1.20 0.00	41.58 -1.20 0.00	41.12 -1.14 0.00	42.64 -1.05 0.00	42.90 -2.02 0.00	56.03 -3.01 0.00	66.22 -3.48 0.00	63.85 -4.07 0.00	60.67 -3.12 0.00	59.60 -3.00 0.00	59.65 -2.49 0.00	60.37 -2.91 0.00	60.85 -3.27 0.00	64.62 -3.47 0.00	70.38 -3.78 0.00	72.89 -4.82 0.00	76.95 -4.82 0.00	69.54 -4.36 0.00	63.16 -4.03 0.00	58.55 -4.07 0.00	52.53 -3.77 -0.06	46.81 -2.78 0.00	42.75 -1.97 0.00
KINTIGH____ 23543	44.70 -1.19 0.00	41.48 -1.24 0.00	41.54 -1.24 0.00	41.12 -1.14 0.00	42.55 -1.14 0.00	42.90 -2.02 0.00	56.03 -3.01 0.00	66.22 -3.49 0.00	63.85 -4.08 0.00	60.60 -3.19 0.00	59.60 -3.01 0.00	59.59 -2.55 0.00	60.30 -2.97 0.00	60.85 -3.27 0.00	64.41 -3.68 0.00	70.30 -3.86 0.00	72.66 -5.05 0.00	76.95 -4.82 0.00	69.32 -4.58 0.00	63.02 -4.17 0.00	58.49 -4.13 0.00	52.59 -3.71 -0.06	46.76 -2.83 0.00	42.79 -1.92 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	43.05 -2.85 0.00	40.11 -2.61 0.00	40.25 -2.52 0.00	40.49 -1.78 0.00	42.03 -1.66 0.00	43.35 -1.57 0.00	57.10 -1.95 0.00	68.10 -1.60 0.00	66.91 -1.02 0.00	62.83 -0.96 0.00	61.98 -0.63 0.00	62.14 0.00 0.00	63.78 0.51 0.00	65.02 0.90 0.00	68.84 0.75 0.00	75.27 1.11 0.00	76.93 -0.78 0.00	80.95 -0.82 0.00	72.72 -1.18 0.00	65.84 -1.34 0.00	62.18 -0.44 0.00	56.29 0.06 0.00	49.74 0.15 0.00	45.02 0.31 0.00
LACHUTE____HYDRO 323717	50.62 4.73 0.00	46.99 4.27 0.00	47.14 4.37 0.00	46.58 4.31 0.00	48.14 4.46 0.00	49.78 4.85 0.00	64.47 5.43 0.00	75.77 6.06 0.00	73.50 5.57 0.00	68.39 4.60 0.00	67.30 4.70 0.00	66.30 4.16 0.00	67.52 4.24 0.00	68.35 4.23 0.00	72.31 4.22 0.00	78.97 4.82 0.00	83.07 5.36 0.00	88.15 6.38 0.00	79.96 6.06 0.00	72.36 5.17 0.00	68.19 5.57 0.00	62.74 5.90 -0.60	54.74 5.16 0.00	49.14 4.43 0.00
LAWRNCV_115KV_TB1 80681	43.09 -2.80 0.00	40.20 -2.52 0.00	40.30 -2.48 0.00	40.40 -1.86 0.00	41.90 -1.79 0.00	42.95 -1.98 0.00	56.21 -2.83 0.00	67.06 -2.65 0.00	66.09 -1.83 0.00	61.94 -1.85 0.00	61.10 -1.50 0.00	61.20 -0.93 0.00	62.77 -0.51 0.00	63.99 -0.13 0.00	67.75 -0.34 0.00	73.78 -0.37 0.00	75.38 -2.33 0.00	79.15 -2.62 0.00	71.09 -2.81 0.00	64.43 -2.75 0.00	60.99 -1.63 0.00	55.46 -0.79 -0.01	48.99 -0.60 0.00	44.58 -0.13 0.00
LEDERLE____ 23769	48.37 2.48 0.00	45.03 2.31 0.00	44.92 2.14 0.00	44.25 1.99 0.00	45.74 2.05 0.00	47.26 2.34 0.00	62.23 3.19 0.00	73.26 3.56 0.00	71.59 3.67 0.00	67.36 3.57 0.00	65.99 3.38 0.00	65.43 3.29 0.00	66.63 3.35 0.00	67.64 3.53 0.00	71.70 3.61 0.00	77.86 3.71 0.00	82.14 4.43 0.00	86.43 4.66 0.00	78.04 4.14 0.00	70.88 3.70 0.00	66.00 3.38 0.00	59.78 3.09 -0.45	52.22 2.63 0.00	46.95 2.24 0.00
LIGHTHSE_115KV_TB6 355974	44.84 -1.06 0.00	41.78 -0.94 0.00	41.79 -0.98 0.00	41.33 -0.93 0.00	42.77 -0.92 0.00	43.93 -0.99 0.00	57.69 -1.36 0.00	68.52 -1.19 0.00	66.77 -1.15 0.00	62.64 -1.15 0.00	61.54 -1.06 0.00	61.20 -0.93 0.00	62.33 -0.95 0.00	63.16 -0.96 0.00	67.20 -0.89 0.00	73.04 -1.11 0.00	76.08 -1.63 0.00	80.38 -1.39 0.00	72.49 -1.40 0.00	65.98 -1.21 0.00	61.62 -1.00 0.00	55.32 -0.96 -0.03	48.70 -0.89 0.00	43.91 -0.80 0.00
LINDEN COGEN____ 23786	48.37 2.48 0.00	45.03 2.31 0.00	44.91 2.14 0.00	44.21 1.95 0.00	45.65 1.97 0.00	47.26 2.33 0.00	62.53 3.48 0.00	73.54 3.83 0.00	72.02 4.08 -0.02	77.85 4.02 -10.04	67.81 3.82 -1.39	71.72 3.79 -5.80	74.65 3.92 -7.45	73.67 3.85 -5.71	71.98 3.88 -0.02	78.25 4.08 -0.02	82.53 4.82 0.00	86.94 5.15 -0.02	78.42 4.51 -0.01	71.30 4.10 -0.02	66.39 3.76 -0.02	60.21 3.49 -0.48	52.46 2.87 0.00	47.12 2.41 0.00
LINDHRST_69_KV_BK1 356055	49.99 4.08 -0.01	46.22 3.50 0.00	45.99 3.21 0.00	45.39 3.13 0.00	47.14 3.45 0.00	48.88 3.95 -0.01	64.37 5.31 -0.01	74.52 4.81 0.00	72.27 4.35 0.00	68.26 4.47 0.00	67.24 4.63 0.00	66.80 4.66 0.00	67.83 4.56 0.00	69.12 5.00 0.00	72.99 4.90 0.00	78.75 4.60 0.00	84.79 7.07 -0.01	89.22 7.44 -0.01	80.71 6.80 -0.01	73.23 6.05 0.00	67.88 5.26 0.00	61.66 4.95 -0.47	57.82 4.46 -3.77	48.61 3.89 -0.01
LIPA_MISC_IPP 23656	49.67 3.76 -0.01	45.92 3.20 0.00	45.69 2.91 0.00	45.10 2.83 0.00	46.83 3.15 0.00	48.66 3.73 -0.01	63.83 4.78 -0.01	73.26 3.56 0.00	71.12 3.19 0.00	67.36 3.57 0.00	66.30 3.69 0.00	65.62 3.48 0.00	66.19 2.91 0.00	67.77 3.65 0.00	71.49 3.40 0.00	76.31 2.15 0.00	83.39 5.67 -0.01	87.59 5.81 -0.01	79.45 5.54 -0.01	71.69 4.50 0.00	66.19 3.57 0.00	60.70 3.99 -0.47	56.73 3.67 -3.47	48.21 3.49 -0.01
LISF____SOLAR 323691	49.80 3.90 -0.01	46.01 3.29 0.00	45.77 2.99 0.00	45.18 2.91 0.00	46.92 3.23 0.00	48.75 3.82 -0.01	63.95 4.90 -0.01	73.40 3.69 0.00	71.66 3.73 0.00	67.36 3.57 0.00	66.43 3.82 0.00	65.74 3.60 0.00	66.38 3.10 0.00	67.90 3.78 0.00	71.63 3.54 0.00	76.01 1.85 0.00	83.32 5.60 -0.01	87.83 6.05 -0.01	79.52 5.61 -0.01	71.89 4.70 0.00	66.31 3.69 0.00	60.82 4.10 -0.47	56.83 3.77 -3.48	48.34 3.62 -0.01
LITTLE FALLS____HYD 24013	49.80 3.90 0.00	46.35 3.63 0.00	46.37 3.59 0.00	45.81 3.55 0.00	47.36 3.67 0.00	48.74 3.82 0.00	63.89 4.84 0.00	75.49 5.79 0.00	73.43 5.50 0.00	68.96 5.17 0.00	68.05 5.45 0.00	67.60 5.47 0.00	68.84 5.57 0.00	69.70 5.58 0.00	73.87 5.79 0.00	80.24 6.08 0.00	83.46 5.75 0.00	87.66 5.89 0.00	79.15 5.25 0.00	72.09 4.90 0.00	67.32 4.70 0.00	60.62 4.39 0.00	53.55 3.97 0.00	48.38 3.67 0.00

LITTLRIV_115KV_TB1 356100	43.55 -2.34 0.00	40.63 -2.09 0.00	40.68 -2.10 0.00	40.83 -1.44 0.00	42.33 -1.35 0.00	43.48 -1.44 0.00	56.92 -2.13 0.00	68.03 -1.67 0.00	66.84 -1.09 0.00	62.45 -1.34 0.00	61.60 -1.00 0.00	61.70 -0.43 0.00	63.28 0.00 0.00	64.50 0.38 0.00	68.29 0.20 0.00	74.53 0.37 0.00	76.16 -1.55 0.00	80.22 -1.55 0.00	72.05 -1.85 0.00	65.37 -1.81 0.00	61.93 -0.69 0.00	56.25 0.00 -0.01	49.59 0.00 0.00	45.07 0.36 0.00
LI_NEWBRDGE___DRP 323616	48.89 2.98 -0.01	45.37 2.65 0.00	45.17 2.40 0.00	44.59 2.32 0.00	46.26 2.58 0.00	47.81 2.88 -0.01	62.89 3.84 -0.01	72.91 3.21 0.00	70.85 2.92 0.00	66.92 3.13 0.00	65.80 3.19 0.00	65.37 3.23 0.00	66.38 3.10 0.00	67.52 3.40 0.00	71.36 3.27 0.00	76.97 2.82 0.00	82.61 4.90 -0.01	86.93 5.15 -0.01	78.49 4.58 -0.01	71.35 4.17 0.00	66.19 3.57 0.00	60.14 3.43 -0.47	56.07 3.12 -3.36	47.45 2.73 -0.01
LOCKPORT_115KV_TB60_63_64 80432	45.11 -0.78 0.00	41.87 -0.85 0.00	41.92 -0.86 0.00	41.50 -0.76 0.00	43.03 -0.66 0.00	42.72 -2.20 0.00	55.74 -3.31 0.00	65.87 -3.83 0.00	63.17 -4.75 0.00	60.09 -3.70 0.00	59.16 -3.44 0.00	59.09 -3.04 0.00	59.67 -3.61 0.00	60.27 -3.85 0.00	63.73 -4.36 0.00	69.71 -4.45 0.00	71.96 -5.75 0.00	76.29 -5.48 0.00	68.80 -5.10 0.00	62.55 -4.64 0.00	58.05 -4.57 0.00	51.53 -4.78 -0.07	46.51 -3.07 0.00	42.66 -2.06 0.00
LOCKPORT___CC1 323769	45.02 -0.87 0.00	41.78 -0.94 0.00	41.49 -1.28 0.00	41.08 -1.18 0.00	42.68 -1.00 0.00	42.72 -2.20 0.00	55.80 -3.25 0.00	65.94 -3.77 0.00	63.24 -4.69 0.00	60.16 -3.63 0.00	59.16 -3.44 0.00	59.16 -2.98 0.00	59.73 -3.54 0.00	60.40 -3.72 0.00	64.00 -4.08 0.00	69.85 -4.30 0.00	72.27 -5.44 0.00	76.37 -5.40 0.00	69.02 -4.88 0.00	62.68 -4.50 0.00	58.05 -4.57 0.00	51.53 -4.78 -0.07	46.56 -3.03 0.00	42.66 -2.06 0.00
LOCKPORT___CC2 323770	45.02 -0.87 0.00	41.78 -0.94 0.00	41.49 -1.28 0.00	41.08 -1.18 0.00	42.68 -1.00 0.00	42.72 -2.20 0.00	55.80 -3.25 0.00	65.94 -3.77 0.00	63.24 -4.69 0.00	60.16 -3.63 0.00	59.16 -3.44 0.00	59.16 -2.98 0.00	59.73 -3.54 0.00	60.40 -3.72 0.00	64.00 -4.08 0.00	69.85 -4.30 0.00	72.27 -5.44 0.00	76.37 -5.40 0.00	69.02 -4.88 0.00	62.68 -4.50 0.00	58.05 -4.57 0.00	51.53 -4.78 -0.07	46.56 -3.03 0.00	42.66 -2.06 0.00
LOCKPORT___CC3 323771	45.02 -0.87 0.00	41.78 -0.94 0.00	41.49 -1.28 0.00	41.08 -1.18 0.00	42.68 -1.00 0.00	42.72 -2.20 0.00	55.80 -3.25 0.00	65.94 -3.77 0.00	63.24 -4.69 0.00	60.16 -3.63 0.00	59.16 -3.44 0.00	59.16 -2.98 0.00	59.73 -3.54 0.00	60.40 -3.72 0.00	64.00 -4.08 0.00	69.85 -4.30 0.00	72.27 -5.44 0.00	76.37 -5.40 0.00	69.02 -4.88 0.00	62.68 -4.50 0.00	58.05 -4.57 0.00	51.53 -4.78 -0.07	46.56 -3.03 0.00	42.66 -2.06 0.00
LOCUSVLY_69_KV_BK2 55797	49.21 3.30 -0.01	45.67 2.95 0.00	45.47 2.69 0.00	44.88 2.62 0.00	46.48 2.80 0.00	48.12 3.19 -0.01	63.36 4.31 -0.01	73.75 4.04 0.00	71.80 3.87 0.00	67.81 4.02 0.00	66.68 4.07 0.00	66.18 4.04 0.00	67.26 3.99 0.00	68.41 4.30 0.00	72.17 4.09 0.00	78.01 3.86 0.00	83.32 5.60 -0.01	87.67 5.89 -0.01	79.16 5.25 -0.01	71.89 4.70 0.00	66.94 4.32 0.00	60.76 4.05 -0.48	57.51 3.62 -4.30	47.85 3.13 -0.01
LONG_LAKE_PHOENIX 24014	44.66 -1.24 0.00	41.57 -1.15 0.00	41.62 -1.15 0.00	41.12 -1.14 0.00	42.51 -1.18 0.00	43.66 -1.26 0.00	57.45 -1.59 0.00	68.03 -1.67 0.00	66.23 -1.70 0.00	62.26 -1.53 0.00	61.17 -1.44 0.00	60.77 -1.37 0.00	61.82 -1.46 0.00	62.52 -1.60 0.00	66.45 -1.63 0.00	72.23 -1.93 0.00	75.61 -2.10 0.00	79.73 -2.04 0.00	72.05 -1.85 0.00	65.50 -1.68 0.00	60.93 -1.69 0.00	54.65 -1.63 -0.04	48.20 -1.39 0.00	43.46 -1.25 0.00
LOVETT___3 23632	48.14 2.25 0.00	44.86 2.14 0.00	44.74 1.97 0.00	44.08 1.82 0.00	45.52 1.83 0.00	47.08 2.16 0.00	62.00 2.95 0.00	72.91 3.21 0.00	71.19 3.26 0.00	66.98 3.19 0.00	65.61 3.01 0.00	65.06 2.92 0.00	66.25 2.97 0.00	67.20 3.08 0.00	71.22 3.13 0.00	77.42 3.26 0.00	81.67 3.96 0.00	85.94 4.17 0.00	77.59 3.69 0.00	70.54 3.36 0.00	65.69 3.07 0.00	59.50 2.81 -0.45	51.97 2.38 0.00	46.72 2.01 0.00
LOVETT___4 23642	48.14 2.25 0.00	44.86 2.14 0.00	44.74 1.97 0.00	44.08 1.82 0.00	45.52 1.83 0.00	47.08 2.16 0.00	62.00 2.95 0.00	72.91 3.21 0.00	71.19 3.26 0.00	66.98 3.19 0.00	65.61 3.01 0.00	65.06 2.92 0.00	66.25 2.97 0.00	67.20 3.08 0.00	71.22 3.13 0.00	77.42 3.26 0.00	81.67 3.96 0.00	85.94 4.17 0.00	77.59 3.69 0.00	70.54 3.36 0.00	65.69 3.07 0.00	59.50 2.81 -0.45	51.97 2.38 0.00	46.72 2.01 0.00
LOVETT___5 23593	48.14 2.25 0.00	44.86 2.14 0.00	44.74 1.97 0.00	44.08 1.82 0.00	45.52 1.83 0.00	47.08 2.16 0.00	62.00 2.95 0.00	72.91 3.21 0.00	71.19 3.26 0.00	66.98 3.19 0.00	65.61 3.01 0.00	65.06 2.92 0.00	66.25 2.97 0.00	67.20 3.08 0.00	71.22 3.13 0.00	77.42 3.26 0.00	81.67 3.96 0.00	85.94 4.17 0.00	77.59 3.69 0.00	70.54 3.36 0.00	65.69 3.07 0.00	59.50 2.81 -0.45	51.97 2.38 0.00	46.72 2.01 0.00
LOWER RAQUET___HYD 24057	43.05 -2.85 0.00	40.11 -2.61 0.00	40.21 -2.57 0.00	40.32 -1.94 0.00	41.81 -1.88 0.00	42.86 -2.07 0.00	56.03 -3.01 0.00	66.78 -2.93 0.00	65.89 -2.04 0.00	61.75 -2.04 0.00	60.92 -1.69 0.00	61.02 -1.12 0.00	62.58 -0.69 0.00	63.80 -0.32 0.00	67.54 -0.55 0.00	73.56 -0.60 0.00	75.07 -2.64 0.00	78.83 -2.94 0.00	70.80 -3.10 0.00	64.16 -3.02 0.00	60.80 -1.82 0.00	55.29 -0.96 -0.01	48.85 -0.74 0.00	44.49 -0.22 0.00
LOWER___HUDSON 24059	47.91 2.02 0.00	44.56 1.84 0.00	44.66 1.88 0.00	44.08 1.82 0.00	45.56 1.88 0.00	46.90 1.97 0.00	61.47 2.42 0.00	72.42 2.72 0.00	70.57 2.65 0.00	65.96 2.17 0.00	64.61 2.00 0.00	63.94 1.80 0.00	65.11 1.84 0.00	66.04 1.92 0.00	70.06 1.98 0.00	76.60 2.44 0.00	80.66 2.95 0.00	84.88 3.11 0.00	76.86 2.96 0.00	69.80 2.62 0.00	65.19 2.57 0.00	59.19 2.36 -0.59	51.62 2.03 0.00	46.45 1.74 0.00
LOWVILLE_115KV_TB2 356335	44.98 -0.92 0.00	41.95 -0.77 0.00	41.96 -0.81 0.00	41.55 -0.72 0.00	43.07 -0.61 0.00	44.47 -0.45 0.00	58.34 -0.71 0.00	69.50 -0.21 0.00	68.40 0.48 0.00	63.92 0.13 0.00	62.98 0.38 0.00	62.63 0.50 0.00	63.85 0.57 0.00	64.89 0.77 0.00	69.11 1.02 0.00	75.12 0.96 0.00	77.24 -0.47 0.00	81.61 -0.16 0.00	73.38 -0.52 0.00	66.78 -0.40 0.00	62.87 0.25 0.00	56.42 0.17 -0.02	49.49 -0.10 0.00	44.62 -0.09 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	48.51 2.62 0.00	45.11 2.39 0.00	45.17 2.40 0.00	44.63 2.37 0.00	46.13 2.45 0.00	47.53 2.61 0.00	62.05 3.01 0.00	73.12 3.42 0.00	71.19 3.26 0.00	66.53 2.74 0.00	65.30 2.69 0.00	64.56 2.42 0.00	65.81 2.53 0.00	66.75 2.63 0.00	70.74 2.66 0.00	77.20 3.04 0.00	81.21 3.50 0.00	85.53 3.76 0.00	77.45 3.55 0.00	70.21 3.02 0.00	65.75 3.13 0.00	59.99 3.15 -0.60	52.36 2.78 0.00	47.08 2.37 0.00

LUTHERNY_35_KV_BK2 355980	48.51 2.62 0.00	45.11 2.39 0.00	45.22 2.44 0.00	44.67 2.41 0.00	46.13 2.45 0.00	47.57 2.65 0.00	62.11 3.07 0.00	73.12 3.42 0.00	71.19 3.26 0.00	66.53 2.74 0.00	65.30 2.69 0.00	64.56 2.42 0.00	65.87 2.59 0.00	66.81 2.69 0.00	70.81 2.72 0.00	77.27 3.11 0.00	81.21 3.50 0.00	85.61 3.84 0.00	77.52 3.62 0.00	70.27 3.09 0.00	65.81 3.19 0.00	60.04 3.21 -0.60	52.36 2.78 0.00	47.08 2.37 0.00
LWR___OSWEGATCHIE_HYD 23850	43.65 -2.25 0.00	40.71 -2.01 0.00	40.77 -2.01 0.00	40.62 -1.65 0.00	42.11 -1.57 0.00	43.31 -1.62 0.00	56.56 -2.48 0.00	67.48 -2.23 0.00	66.43 -1.49 0.00	62.07 -1.72 0.00	61.42 -1.19 0.00	61.27 -0.87 0.00	62.71 -0.57 0.00	63.80 -0.32 0.00	67.75 -0.34 0.00	73.71 -0.44 0.00	75.30 -2.41 0.00	79.32 -2.45 0.00	71.31 -2.59 0.00	64.83 -2.35 0.00	61.43 -1.19 0.00	55.52 -0.73 -0.01	48.79 -0.79 0.00	44.22 -0.49 0.00
LYONS_FALL_HYD 23570	45.62 -0.27 0.00	42.51 -0.21 0.00	42.52 -0.26 0.00	42.10 -0.17 0.00	43.60 -0.09 0.00	44.97 0.04 0.00	59.10 0.06 0.00	70.26 0.56 0.00	68.95 1.02 0.00	64.43 0.64 0.00	63.48 0.88 0.00	63.07 0.93 0.00	64.28 1.01 0.00	65.27 1.16 0.00	69.45 1.36 0.00	75.56 1.41 0.00	78.18 0.47 0.00	82.51 0.73 0.00	74.20 0.30 0.00	67.52 0.34 0.00	63.37 0.75 0.00	56.82 0.56 -0.02	49.89 0.30 0.00	44.98 0.27 0.00
MADISON___COUNTY_LFGE 323628	46.63 0.73 0.00	43.49 0.77 0.00	43.50 0.73 0.00	42.98 0.72 0.00	44.52 0.83 0.00	45.87 0.94 0.00	60.40 1.36 0.00	71.80 2.09 0.00	69.89 1.97 0.00	65.51 1.72 0.00	64.36 1.75 0.00	63.94 1.80 0.00	65.05 1.77 0.00	65.98 1.86 0.00	70.27 2.18 0.00	76.31 2.15 0.00	79.65 1.94 0.00	83.98 2.21 0.00	75.60 1.70 0.00	68.80 1.61 0.00	64.19 1.57 0.00	57.50 1.24 -0.03	50.58 0.99 0.00	45.61 0.89 0.00
MALONE___115KV_TB1 356076	43.09 -2.80 0.00	40.11 -2.61 0.00	40.25 -2.52 0.00	40.49 -1.78 0.00	42.03 -1.66 0.00	43.31 -1.62 0.00	56.98 -2.07 0.00	68.03 -1.67 0.00	66.84 -1.09 0.00	62.83 -0.96 0.00	61.98 -0.63 0.00	62.14 0.00 0.00	63.78 0.51 0.00	64.95 0.83 0.00	68.77 0.68 0.00	75.12 0.96 0.00	76.70 -1.01 0.00	80.71 -1.06 0.00	72.42 -1.48 0.00	65.64 -1.55 0.00	62.06 -0.56 0.00	56.24 0.00 0.00	49.69 0.10 0.00	44.98 0.27 0.00
MAPLEWOD_115KV_TB3 80458	47.64 1.74 0.00	44.34 1.62 0.00	44.40 1.63 0.00	43.83 1.56 0.00	45.30 1.62 0.00	46.63 1.71 0.00	61.11 2.07 0.00	72.01 2.30 0.00	70.23 2.31 0.00	65.71 1.91 0.00	64.42 1.82 0.00	63.75 1.62 0.00	64.98 1.71 0.00	65.91 1.80 0.00	69.93 1.84 0.00	76.31 2.15 0.00	80.35 2.64 0.00	84.47 2.70 0.00	76.49 2.59 0.00	69.40 2.22 0.00	64.87 2.25 0.00	58.79 1.97 -0.58	51.22 1.64 0.00	46.23 1.52 0.00
MAPLE_RIDGE_WT_1 323574	43.46 -2.43 0.00	40.46 -2.27 0.00	40.60 -2.18 0.00	40.36 -1.90 0.00	41.81 -1.88 0.00	43.08 -1.84 0.00	56.62 -2.42 0.00	67.34 -2.37 0.00	65.95 -1.97 0.00	62.07 -1.72 0.00	61.04 -1.56 0.00	60.83 -1.31 0.00	62.20 -1.08 0.00	63.16 -0.96 0.00	66.99 -1.09 0.00	72.74 -1.41 0.00	75.38 -2.33 0.00	79.15 -2.62 0.00	71.31 -2.59 0.00	64.77 -2.42 0.00	60.68 -1.94 0.00	54.78 -1.46 0.00	48.35 -1.24 0.00	43.73 -0.98 0.00
MAPLE_RIDGE_WT_2 323611	43.46 -2.43 0.00	40.46 -2.27 0.00	40.60 -2.18 0.00	40.36 -1.90 0.00	41.81 -1.88 0.00	43.08 -1.84 0.00	56.62 -2.42 0.00	67.34 -2.37 0.00	65.95 -1.97 0.00	62.07 -1.72 0.00	61.04 -1.56 0.00	60.83 -1.31 0.00	62.20 -1.08 0.00	63.16 -0.96 0.00	66.99 -1.09 0.00	72.74 -1.41 0.00	75.38 -2.33 0.00	79.15 -2.62 0.00	71.31 -2.59 0.00	64.77 -2.42 0.00	60.68 -1.94 0.00	54.78 -1.46 0.00	48.35 -1.24 0.00	43.73 -0.98 0.00
MARBLE_RIVER_WT_PWR 323696	42.64 -3.26 0.00	39.69 -3.03 0.00	39.87 -2.91 0.00	40.06 -2.20 0.00	41.59 -2.10 0.00	42.86 -2.07 0.00	56.39 -2.66 0.00	67.20 -2.51 0.00	66.09 -1.83 0.00	62.13 -1.66 0.00	61.35 -1.25 0.00	61.45 -0.68 0.00	63.09 -0.19 0.00	64.25 0.13 0.00	68.02 -0.07 0.00	74.23 0.07 0.00	76.00 -1.71 0.00	79.81 -1.96 0.00	71.68 -2.22 0.00	64.97 -2.22 0.00	61.30 -1.32 0.00	55.62 -0.62 0.00	49.09 -0.50 0.00	44.45 -0.27 0.00
MARSHVLE_115KV_TB1 80742	46.08 0.18 0.00	42.81 0.09 0.00	42.91 0.13 0.00	42.39 0.13 0.00	43.90 0.22 0.00	45.42 0.49 0.00	59.81 0.77 0.00	70.47 0.77 0.00	67.99 0.07 0.00	62.90 -0.89 0.00	61.98 -0.63 0.00	61.27 -0.87 0.00	62.52 -0.76 0.00	63.73 -0.38 0.00	67.95 -0.14 0.00	74.45 0.30 0.00	78.02 0.31 0.00	82.59 0.82 0.00	74.79 0.89 0.00	67.72 0.54 0.00	63.43 0.81 0.00	57.71 0.79 -0.68	50.08 0.50 0.00	44.94 0.22 0.00
MARSH_HILL_WT_PWR 323713	44.84 -1.05 0.00	41.74 -0.98 0.00	41.75 -1.03 0.00	41.46 -0.80 0.00	43.07 -0.61 0.00	43.89 -1.03 0.00	57.98 -1.06 0.00	68.52 -1.19 0.00	66.16 -1.77 0.00	62.20 -1.59 0.00	61.35 -1.25 0.00	61.02 -1.12 0.00	61.88 -1.39 0.00	62.45 -1.67 0.00	66.05 -2.04 0.00	72.00 -2.15 0.00	74.84 -2.87 0.00	79.24 -2.54 0.00	71.31 -2.59 0.00	64.77 -2.42 0.00	60.05 -2.57 0.00	52.80 -3.54 -0.10	47.75 -1.83 0.00	43.28 -1.43 0.00
MCINTYRE_115KV_TB2 80467	43.78 -2.11 0.00	40.84 -1.88 0.00	40.94 -1.84 0.00	41.08 -1.18 0.00	42.64 -1.05 0.00	43.84 -1.08 0.00	57.51 -1.54 0.00	68.73 -0.98 0.00	67.31 -0.61 0.00	62.77 -1.02 0.00	61.86 -0.75 0.00	61.95 -0.19 0.00	63.53 0.25 0.00	64.76 0.64 0.00	68.63 0.54 0.00	74.97 0.82 0.00	76.78 -0.93 0.00	81.04 -0.74 0.00	72.79 -1.11 0.00	66.11 -1.07 0.00	62.62 0.00 0.00	56.81 0.56 -0.01	50.03 0.45 0.00	45.43 0.72 0.00
MECO_____69_KV_BK1 80468	47.64 1.74 0.00	44.26 1.54 0.00	44.36 1.58 0.00	43.87 1.61 0.00	45.39 1.70 0.00	46.99 2.07 0.00	61.94 2.89 0.00	72.91 3.21 0.00	70.23 2.31 0.00	64.88 1.08 0.00	63.67 1.06 0.00	62.82 0.68 0.00	64.16 0.89 0.00	65.40 1.28 0.00	69.79 1.70 0.00	76.68 2.52 0.00	80.58 2.88 0.00	85.37 3.60 0.00	77.37 3.47 0.00	70.01 2.82 0.00	65.63 3.01 0.00	59.54 2.64 -0.66	51.77 2.18 0.00	46.41 1.70 0.00
MENANDS___115KV_TB5 355628	47.45 1.56 0.00	44.17 1.45 0.00	44.23 1.45 0.00	43.70 1.44 0.00	45.13 1.44 0.00	46.45 1.53 0.00	60.81 1.77 0.00	71.66 1.95 0.00	69.89 1.97 0.00	65.45 1.66 0.00	64.17 1.57 0.00	63.50 1.37 0.00	64.73 1.46 0.00	65.66 1.54 0.00	69.65 1.57 0.00	76.01 1.85 0.00	79.96 2.25 0.00	84.06 2.29 0.00	76.12 2.22 0.00	69.13 1.95 0.00	64.56 1.94 0.00	58.51 1.69 -0.58	50.98 1.39 0.00	46.01 1.30 0.00
MG INDUSTRY___DRP 24185	47.41 1.51 0.00	44.17 1.45 0.00	44.27 1.50 0.00	43.70 1.44 0.00	45.13 1.44 0.00	46.40 1.48 0.00	60.87 1.83 0.00	71.73 2.02 0.00	69.89 1.97 0.00	65.39 1.59 0.00	64.11 1.50 0.00	63.44 1.30 0.00	64.67 1.39 0.00	65.66 1.54 0.00	69.65 1.57 0.00	76.01 1.85 0.00	79.89 2.18 0.00	84.06 2.29 0.00	76.12 2.22 0.00	69.13 1.95 0.00	64.56 1.94 0.00	58.44 1.63 -0.57	51.08 1.49 0.00	46.05 1.34 0.00

MID___OSWEGATCHIE_HYD 23849	43.65 -2.25 0.00	40.71 -2.01 0.00	40.77 -2.01 0.00	40.62 -1.65 0.00	42.11 -1.57 0.00	43.31 -1.62 0.00	56.56 -2.48 0.00	67.48 -2.23 0.00	66.43 -1.49 0.00	62.07 -1.72 0.00	61.42 -1.19 0.00	61.27 -0.87 0.00	62.71 -0.57 0.00	63.80 -0.32 0.00	67.75 -0.34 0.00	73.71 -0.44 0.00	75.30 -2.41 0.00	79.32 -2.45 0.00	71.31 -2.59 0.00	64.83 -2.35 0.00	61.43 -1.19 0.00	55.52 -0.73 -0.01	48.79 -0.79 0.00	44.22 -0.49 0.00
MID___RAQUETTE_HYD 23851	43.05 -2.85 0.00	40.11 -2.61 0.00	40.21 -2.57 0.00	40.32 -1.94 0.00	41.81 -1.88 0.00	42.86 -2.07 0.00	56.03 -3.01 0.00	66.85 -2.86 0.00	65.89 -2.04 0.00	61.75 -2.04 0.00	60.92 -1.69 0.00	61.02 -1.12 0.00	62.58 -0.70 0.00	63.80 -0.32 0.00	67.54 -0.54 0.00	73.56 -0.59 0.00	75.07 -2.64 0.00	78.83 -2.94 0.00	70.80 -3.10 0.00	64.16 -3.02 0.00	60.80 -1.82 0.00	55.29 -0.96 -0.01	48.84 -0.74 0.00	44.49 -0.22 0.00
MILLIKEN___1 23584	46.31 0.41 0.00	43.10 0.38 0.00	43.16 0.38 0.00	42.64 0.38 0.00	44.08 0.39 0.00	45.33 0.40 0.00	59.81 0.77 0.00	70.89 1.19 0.00	68.88 0.95 0.00	64.62 0.83 0.00	63.42 0.81 0.00	63.01 0.87 0.00	64.04 0.76 0.00	64.76 0.64 0.00	68.90 0.82 0.00	75.04 0.89 0.00	78.49 0.78 0.00	82.92 1.14 0.00	74.93 1.03 0.00	68.19 1.01 0.00	63.43 0.81 0.00	56.68 0.34 -0.10	50.03 0.45 0.00	45.16 0.45 0.00
MILLIKEN___2 23585	46.31 0.41 0.00	43.10 0.38 0.00	43.16 0.38 0.00	42.64 0.38 0.00	44.08 0.39 0.00	45.33 0.40 0.00	59.81 0.77 0.00	70.89 1.19 0.00	68.88 0.95 0.00	64.62 0.83 0.00	63.42 0.81 0.00	63.01 0.87 0.00	64.04 0.76 0.00	64.76 0.64 0.00	68.90 0.82 0.00	75.04 0.89 0.00	78.49 0.78 0.00	82.92 1.14 0.00	74.93 1.03 0.00	68.19 1.01 0.00	63.43 0.81 0.00	56.68 0.34 -0.10	50.03 0.45 0.00	45.16 0.45 0.00
MILLIKEN___DIESEL 23629	46.31 0.41 0.00	43.10 0.38 0.00	43.16 0.38 0.00	42.64 0.38 0.00	44.08 0.39 0.00	45.33 0.40 0.00	59.81 0.77 0.00	70.89 1.19 0.00	68.88 0.95 0.00	64.62 0.83 0.00	63.42 0.81 0.00	63.01 0.87 0.00	64.04 0.76 0.00	64.76 0.64 0.00	68.90 0.82 0.00	75.04 0.89 0.00	78.49 0.78 0.00	82.92 1.14 0.00	74.93 1.03 0.00	68.19 1.01 0.00	63.43 0.81 0.00	56.68 0.34 -0.10	50.03 0.45 0.00	45.16 0.45 0.00
MILLSEAT___LFGE 323607	45.67 -0.23 0.00	42.29 -0.43 0.00	42.01 -0.77 0.00	41.59 -0.68 0.00	43.25 -0.44 0.00	43.44 -1.48 0.00	56.92 -2.12 0.00	67.47 -2.23 0.00	64.80 -3.12 0.00	61.56 -2.23 0.00	60.48 -2.13 0.00	60.59 -1.55 0.00	61.12 -2.15 0.00	61.75 -2.37 0.00	65.64 -2.45 0.00	71.49 -2.67 0.00	74.21 -3.50 0.00	78.42 -3.36 0.00	70.80 -3.10 0.00	64.30 -2.89 0.00	59.55 -3.07 0.00	52.87 -3.43 -0.07	47.51 -2.08 0.00	43.41 -1.30 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	48.28 2.39 0.00	44.94 2.22 0.00	44.83 2.05 0.00	44.21 1.94 0.00	45.65 1.97 0.00	47.17 2.25 0.00	62.23 3.19 0.00	73.12 3.42 0.00	71.46 3.53 0.00	67.30 3.51 0.00	65.92 3.32 0.00	65.31 3.17 0.00	66.50 3.23 0.00	67.45 3.33 0.00	71.56 3.47 0.00	77.79 3.63 0.00	82.06 4.35 0.00	86.27 4.50 0.00	77.96 4.06 0.00	70.81 3.63 0.00	66.00 3.38 0.00	59.79 3.09 -0.46	52.17 2.58 0.00	46.90 2.19 0.00
MILLWOOD_13_KV_LOAD 356217	48.33 2.43 0.00	45.03 2.31 0.00	44.96 2.18 0.00	44.29 2.03 0.00	45.74 2.05 0.00	47.26 2.34 0.00	62.35 3.31 0.00	73.26 3.56 0.00	71.66 3.74 0.00	67.49 3.70 0.00	66.11 3.51 0.00	65.49 3.36 0.00	66.63 3.35 0.00	67.64 3.53 0.00	71.76 3.68 0.00	78.01 3.86 0.00	82.29 4.58 0.00	86.51 4.74 0.00	78.11 4.21 0.00	71.01 3.83 0.00	66.13 3.51 0.00	59.91 3.21 -0.46	52.27 2.68 0.00	46.95 2.24 0.00
MODEL_CITY_ENERGY 24167	44.88 -1.01 0.00	41.65 -1.07 0.00	41.11 -1.67 0.00	40.70 -1.56 0.00	42.25 -1.44 0.00	42.32 -2.61 0.00	55.14 -3.90 0.00	65.18 -4.53 0.00	62.43 -5.50 0.00	59.39 -4.40 0.00	58.41 -4.19 0.00	58.41 -3.73 0.00	59.04 -4.24 0.00	59.63 -4.49 0.00	63.18 -4.90 0.00	69.04 -5.12 0.00	71.49 -6.22 0.00	75.55 -6.22 0.00	68.21 -5.69 0.00	61.94 -5.24 0.00	57.36 -5.26 0.00	51.02 -5.29 -0.07	46.07 -3.52 0.00	42.21 -2.50 0.00
MODERN_LFGE___ 323580	44.88 -1.01 0.00	41.65 -1.07 0.00	41.11 -1.67 0.00	40.70 -1.56 0.00	42.25 -1.44 0.00	42.32 -2.61 0.00	55.14 -3.90 0.00	65.18 -4.53 0.00	62.43 -5.50 0.00	59.39 -4.40 0.00	58.41 -4.19 0.00	58.41 -3.73 0.00	59.04 -4.24 0.00	59.63 -4.49 0.00	63.18 -4.90 0.00	69.04 -5.12 0.00	71.49 -6.22 0.00	75.55 -6.22 0.00	68.21 -5.69 0.00	61.94 -5.24 0.00	57.36 -5.26 0.00	51.02 -5.29 -0.07	46.07 -3.52 0.00	42.21 -2.50 0.00
MOHAWK_PAPER___DRP 24187	47.64 1.74 0.00	44.34 1.62 0.00	44.40 1.63 0.00	43.83 1.56 0.00	45.30 1.62 0.00	46.63 1.71 0.00	61.11 2.07 0.00	72.01 2.30 0.00	70.23 2.31 0.00	65.71 1.91 0.00	64.42 1.82 0.00	63.75 1.62 0.00	64.98 1.71 0.00	65.91 1.80 0.00	69.93 1.84 0.00	76.31 2.15 0.00	80.35 2.64 0.00	84.47 2.70 0.00	76.49 2.59 0.00	69.40 2.22 0.00	64.87 2.25 0.00	58.79 1.97 -0.58	51.22 1.64 0.00	46.23 1.52 0.00
MOHICAN___35_KV_115KV_LD 80490	49.15 3.26 0.00	45.67 2.95 0.00	45.77 2.99 0.00	45.22 2.96 0.00	46.74 3.06 0.00	48.25 3.32 0.00	62.35 3.31 0.00	73.33 3.62 0.00	71.39 3.46 0.00	66.60 2.81 0.00	65.49 2.88 0.00	64.68 2.55 0.00	65.93 2.66 0.00	66.81 2.69 0.00	70.74 2.66 0.00	77.12 2.97 0.00	81.05 3.34 0.00	85.53 3.76 0.00	77.52 3.62 0.00	70.14 2.96 0.00	66.00 3.38 0.00	60.83 3.99 -0.60	53.11 3.52 0.00	47.71 3.00 0.00
MONGAUP___HYD 23641	48.14 2.25 0.00	44.81 2.09 0.00	44.79 2.01 0.00	44.12 1.86 0.00	45.65 1.97 0.00	47.12 2.20 0.00	61.99 2.95 0.00	73.05 3.35 0.00	71.25 3.33 0.00	66.85 3.06 0.00	65.24 2.63 0.00	64.62 2.49 0.00	65.87 2.60 0.00	66.81 2.69 0.00	70.95 2.86 0.00	77.34 3.19 0.00	81.83 4.12 0.00	86.27 4.49 0.00	77.96 4.06 0.00	70.88 3.69 0.00	65.94 3.32 0.00	59.64 2.98 -0.43	52.07 2.48 0.00	46.77 2.06 0.00
MONTAUK___DIESEL 23721	50.68 4.77 -0.01	46.74 4.02 0.00	46.50 3.72 0.00	45.94 3.68 0.00	47.62 3.93 0.00	49.56 4.63 -0.01	64.84 5.79 -0.01	74.45 4.74 0.00	71.86 3.94 0.00	68.26 4.47 0.00	67.30 4.70 0.00	66.49 4.35 0.00	67.01 3.73 0.00	68.61 4.49 0.00	72.38 4.29 0.00	76.82 2.67 0.00	84.63 6.92 -0.01	88.73 6.95 -0.01	80.34 6.43 -0.01	71.89 4.70 0.00	66.00 3.38 0.00	60.37 3.66 -0.47	56.14 3.07 -3.48	48.16 3.44 -0.01
MOONROAD_115KV_HARTFLD_TB1-2 355988	44.47 -1.42 0.00	41.40 -1.32 0.00	41.49 -1.28 0.00	41.21 -1.06 0.00	42.73 -0.96 0.00	43.26 -1.66 0.00	57.15 -1.89 0.00	67.34 -2.37 0.00	64.60 -3.33 0.00	61.18 -2.62 0.00	60.29 -2.32 0.00	60.15 -1.99 0.00	60.81 -2.47 0.00	61.43 -2.69 0.00	64.82 -3.27 0.00	70.60 -3.56 0.00	73.12 -4.58 0.00	77.60 -4.17 0.00	70.13 -3.77 0.00	63.62 -3.56 0.00	58.86 -3.76 0.00	51.32 -5.01 -0.08	47.31 -2.28 0.00	43.24 -1.48 0.00

MORRIS_RIDGE___SOLAR 323848	44.88 -1.01 0.00	41.74 -0.98 0.00	41.79 -0.98 0.00	41.42 -0.84 0.00	43.03 -0.65 0.00	43.66 -1.26 0.00	57.45 -1.59 0.00	67.76 -1.95 0.00	65.21 -2.72 0.00	61.50 -2.29 0.00	60.54 -2.06 0.00	60.33 -1.80 0.00	61.19 -2.09 0.00	61.81 -2.31 0.00	65.43 -2.66 0.00	71.34 -2.82 0.00	74.14 -3.57 0.00	78.50 -3.27 0.00	70.87 -3.03 0.00	64.37 -2.82 0.00	59.68 -2.94 0.00	52.46 -3.88 -0.10	47.55 -2.04 0.00	43.28 -1.43 0.00
MORTIMER_115KV_TB3 55949	45.21 -0.69 0.00	41.95 -0.77 0.00	42.01 -0.77 0.00	41.55 -0.72 0.00	43.07 -0.61 0.00	43.71 -1.21 0.00	57.45 -1.59 0.00	68.03 -1.67 0.00	65.89 -2.04 0.00	62.45 -1.34 0.00	61.42 -1.19 0.00	61.45 -0.68 0.00	62.20 -1.08 0.00	62.84 -1.28 0.00	66.73 -1.36 0.00	72.60 -1.56 0.00	75.46 -2.25 0.00	79.65 -2.13 0.00	71.76 -2.14 0.00	65.17 -2.02 0.00	60.55 -2.07 0.00	54.38 -1.91 -0.06	48.05 -1.54 0.00	43.68 -1.03 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	48.56 2.66 0.00	45.16 2.44 0.00	45.04 2.27 0.00	44.38 2.11 0.00	45.83 2.14 0.00	47.44 2.52 0.00	62.65 3.60 0.00	73.68 3.97 0.00	72.07 4.14 0.00	67.40 4.02 0.41	66.37 3.82 0.06	65.63 3.73 0.24	66.71 3.73 0.30	67.80 3.91 0.23	72.10 4.02 0.00	78.38 4.23 0.00	82.68 4.97 0.00	87.00 5.23 0.00	78.55 4.66 0.00	71.35 4.17 0.00	66.50 3.88 0.00	60.25 3.54 -0.46	52.51 2.93 0.00	47.22 2.50 0.00
MUNSVILLE_WIND_PWR 323609	47.73 1.84 0.00	44.60 1.88 0.00	44.49 1.71 0.00	43.91 1.65 0.00	45.61 1.92 0.00	47.21 2.29 0.00	62.59 3.54 0.00	74.73 5.02 0.00	72.48 4.55 0.00	67.75 3.96 0.00	66.80 4.20 0.00	66.17 4.04 0.00	67.26 3.99 0.00	68.23 4.11 0.00	72.99 4.91 0.00	79.20 5.05 0.00	83.00 5.29 0.00	87.74 5.97 0.00	78.56 4.66 0.00	71.62 4.43 0.00	66.82 4.20 0.00	59.31 2.92 -0.15	52.07 2.48 0.00	46.99 2.28 0.00
N SALMON___HYD 24042	43.09 -2.80 0.00	40.11 -2.61 0.00	40.25 -2.52 0.00	40.49 -1.77 0.00	42.03 -1.66 0.00	43.31 -1.62 0.00	56.98 -2.07 0.00	67.97 -1.74 0.00	66.91 -1.02 0.00	62.84 -0.96 0.00	61.98 -0.63 0.00	62.14 0.00 0.00	63.78 0.50 0.00	64.95 0.83 0.00	68.77 0.68 0.00	75.12 0.96 0.00	76.70 -1.01 0.00	80.71 -1.07 0.00	72.42 -1.48 0.00	65.64 -1.54 0.00	62.06 -0.56 0.00	56.24 0.00 0.00	49.69 0.10 0.00	44.98 0.27 0.00
N.AKRON__115KV_KNAPP 355671	45.62 -0.28 0.00	42.29 -0.43 0.00	42.35 -0.43 0.00	41.93 -0.34 0.00	43.51 -0.17 0.00	43.35 -1.57 0.00	56.80 -2.24 0.00	67.27 -2.44 0.00	64.60 -3.33 0.00	61.37 -2.42 0.00	60.35 -2.25 0.00	60.40 -1.74 0.00	60.93 -2.34 0.00	61.62 -2.50 0.00	65.23 -2.86 0.00	71.19 -2.97 0.00	73.67 -4.04 0.00	78.09 -3.68 0.00	70.43 -3.47 0.00	63.96 -3.22 0.00	59.36 -3.26 0.00	52.76 -3.54 -0.07	47.41 -2.18 0.00	43.37 -1.34 0.00
N.E_GEN_SANDY PD 24062	52.09 2.11 -4.08	48.40 1.92 -3.76	48.23 1.93 -3.53	46.20 1.86 -2.08	50.54 1.88 -4.98	58.00 2.02 -11.05	77.45 2.59 -15.81	90.00 2.86 -17.43	67.45 2.85 3.33	65.00 2.42 1.22	64.80 2.19 0.00	64.12 1.99 0.00	65.30 2.02 0.00	66.17 2.05 0.00	70.20 2.11 0.00	76.75 2.59 -3.05	84.10 3.34 -9.77	94.98 3.43 -3.58	80.65 3.18 -6.55	76.62 2.89 -6.55	68.16 2.69 -2.85	59.25 2.47 -0.54	51.67 2.08 0.00	46.41 1.70 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	48.19 2.29 0.00	44.90 2.18 0.00	44.79 2.01 0.00	44.12 1.86 0.00	45.56 1.88 0.00	47.12 2.20 0.00	62.00 2.95 0.00	72.91 3.21 0.00	71.25 3.33 0.00	67.05 3.25 0.00	65.67 3.07 0.00	65.12 2.98 0.00	66.31 3.04 0.00	67.26 3.14 0.00	71.36 3.27 0.00	77.49 3.34 0.00	81.75 4.04 0.00	86.02 4.25 0.00	77.67 3.77 0.00	70.54 3.36 0.00	65.69 3.07 0.00	59.56 2.87 -0.45	52.02 2.43 0.00	46.77 2.06 0.00
N.QUEENS_27_KV_LOAD 356247	48.92 3.03 0.00	45.54 2.82 0.00	45.34 2.57 0.00	44.55 2.28 0.00	46.05 2.36 0.00	47.57 2.65 0.00	62.82 3.78 0.00	73.75 4.04 0.00	72.29 4.35 -0.02	78.23 4.40 -10.03	68.24 4.26 -1.38	71.90 3.98 -5.79	74.71 3.99 -7.44	74.05 4.23 -5.70	72.46 4.36 -0.02	78.69 4.52 -0.02	82.76 5.05 0.00	87.18 5.40 -0.02	78.63 4.73 0.00	71.43 4.23 -0.02	66.71 4.07 -0.02	60.66 3.94 -0.48	52.86 3.27 0.00	47.48 2.77 0.00
N.TROY___115KV_TB1 355778	47.91 2.02 0.00	44.56 1.84 0.00	44.66 1.88 0.00	44.08 1.82 0.00	45.56 1.88 0.00	46.90 1.98 0.00	61.46 2.42 0.00	72.43 2.72 0.00	70.57 2.65 0.00	65.96 2.17 0.00	64.61 2.00 0.00	63.94 1.80 0.00	65.17 1.90 0.00	66.04 1.92 0.00	70.06 1.97 0.00	76.60 2.45 0.00	80.66 2.95 0.00	84.88 3.11 0.00	76.85 2.96 0.00	69.80 2.62 0.00	65.19 2.57 0.00	59.19 2.36 -0.59	51.62 2.03 0.00	46.41 1.70 0.00
NARROWS_GT1_1 24228	48.97 3.08 0.00	45.54 2.82 0.00	45.34 2.57 0.00	44.59 2.32 0.00	46.04 2.36 0.00	47.62 2.70 0.00	62.94 3.90 0.00	73.82 4.11 0.00	72.15 4.21 -0.02	78.19 4.21 -10.19	68.08 4.07 -1.41	71.31 3.35 -5.82	74.24 3.48 -7.49	74.02 4.11 -5.79	72.26 4.15 -0.02	78.55 4.37 -0.02	82.84 5.13 0.00	87.27 5.48 -0.02	78.78 4.88 -0.01	71.63 4.43 -0.02	66.83 4.20 -0.02	60.65 3.94 -0.48	52.86 3.27 0.00	47.53 2.82 0.00
NARROWS_GT1_2 24229	48.97 3.08 0.00	45.54 2.82 0.00	45.34 2.57 0.00	44.59 2.32 0.00	46.04 2.36 0.00	47.62 2.70 0.00	62.94 3.90 0.00	73.82 4.11 0.00	72.15 4.21 -0.02	78.19 4.21 -10.19	68.08 4.07 -1.41	71.31 3.35 -5.82	74.24 3.48 -7.49	74.02 4.11 -5.79	72.26 4.15 -0.02	78.55 4.37 -0.02	82.84 5.13 0.00	87.27 5.48 -0.02	78.78 4.88 -0.01	71.63 4.43 -0.02	66.83 4.20 -0.02	60.65 3.94 -0.48	52.86 3.27 0.00	47.53 2.82 0.00
NARROWS_GT1_3 24230	48.97 3.08 0.00	45.54 2.82 0.00	45.34 2.57 0.00	44.59 2.32 0.00	46.04 2.36 0.00	47.62 2.70 0.00	62.94 3.90 0.00	73.82 4.11 0.00	72.15 4.21 -0.02	78.19 4.21 -10.19	68.08 4.07 -1.41	71.31 3.35 -5.82	74.24 3.48 -7.49	74.02 4.11 -5.79	72.26 4.15 -0.02	78.55 4.37 -0.02	82.84 5.13 0.00	87.27 5.48 -0.02	78.78 4.88 -0.01	71.63 4.43 -0.02	66.83 4.20 -0.02	60.65 3.94 -0.48	52.86 3.27 0.00	47.53 2.82 0.00
NARROWS_GT1_4 24231	48.97 3.08 0.00	45.54 2.82 0.00	45.34 2.57 0.00	44.59 2.32 0.00	46.04 2.36 0.00	47.62 2.70 0.00	62.94 3.90 0.00	73.82 4.11 0.00	72.15 4.21 -0.02	78.19 4.21 -10.19	68.08 4.07 -1.41	71.31 3.35 -5.82	74.24 3.48 -7.49	74.02 4.11 -5.79	72.26 4.15 -0.02	78.55 4.37 -0.02	82.84 5.13 0.00	87.27 5.48 -0.02	78.78 4.88 -0.01	71.63 4.43 -0.02	66.83 4.20 -0.02	60.65 3.94 -0.48	52.86 3.27 0.00	47.53 2.82 0.00
NARROWS_GT1_5 24232	48.97 3.08 0.00	45.54 2.82 0.00	45.34 2.57 0.00	44.59 2.32 0.00	46.04 2.36 0.00	47.62 2.70 0.00	62.94 3.90 0.00	73.82 4.11 0.00	72.15 4.21 -0.02	78.19 4.21 -10.19	68.08 4.07 -1.41	71.31 3.35 -5.82	74.24 3.48 -7.49	74.02 4.11 -5.79	72.26 4.15 -0.02	78.55 4.37 -0.02	82.84 5.13 0.00	87.27 5.48 -0.02	78.78 4.88 -0.01	71.63 4.43 -0.02	66.83 4.20 -0.02	60.65 3.94 -0.48	52.86 3.27 0.00	47.53 2.82 0.00

NARROWS_GT1_6 24233	48.97 3.08 0.00	45.54 2.82 0.00	45.34 2.57 0.00	44.59 2.32 0.00	46.04 2.36 0.00	47.62 2.70 0.00	62.94 3.90 0.00	73.82 4.11 0.00	72.15 4.21 -0.02	78.19 4.21 -10.19	68.08 4.07 -1.41	71.31 3.35 -5.82	74.24 3.48 -7.49	74.02 4.11 -5.79	72.26 4.15 -0.02	78.55 4.37 -0.02	82.84 5.13 0.00	87.27 5.48 -0.02	78.78 4.88 -0.01	71.63 4.43 -0.02	66.83 4.20 -0.02	60.65 3.94 -0.48	52.86 3.27 0.00	47.53 2.82 0.00
NARROWS_GT1_7 24234	48.97 3.08 0.00	45.54 2.82 0.00	45.34 2.57 0.00	44.59 2.32 0.00	46.04 2.36 0.00	47.62 2.70 0.00	62.94 3.90 0.00	73.82 4.11 0.00	72.15 4.21 -0.02	78.19 4.21 -10.19	68.08 4.07 -1.41	71.31 3.35 -5.82	74.24 3.48 -7.49	74.02 4.11 -5.79	72.26 4.15 -0.02	78.55 4.37 -0.02	82.84 5.13 0.00	87.27 5.48 -0.02	78.78 4.88 -0.01	71.63 4.43 -0.02	66.83 4.20 -0.02	60.65 3.94 -0.48	52.86 3.27 0.00	47.53 2.82 0.00
NARROWS_GT1_8 24235	48.97 3.08 0.00	45.54 2.82 0.00	45.34 2.57 0.00	44.59 2.32 0.00	46.04 2.36 0.00	47.62 2.70 0.00	62.94 3.90 0.00	73.82 4.11 0.00	72.15 4.21 -0.02	78.19 4.21 -10.19	68.08 4.07 -1.41	71.31 3.35 -5.82	74.24 3.48 -7.49	74.02 4.11 -5.79	72.26 4.15 -0.02	78.55 4.37 -0.02	82.84 5.13 0.00	87.27 5.48 -0.02	78.78 4.88 -0.01	71.63 4.43 -0.02	66.83 4.20 -0.02	60.65 3.94 -0.48	52.86 3.27 0.00	47.53 2.82 0.00
NARROWS_GT2_1 24236	48.97 3.08 0.00	45.54 2.82 0.00	45.34 2.57 0.00	44.59 2.32 0.00	46.04 2.36 0.00	47.62 2.70 0.00	62.94 3.90 0.00	73.82 4.11 0.00	72.15 4.21 -0.02	78.19 4.21 -10.19	68.08 4.07 -1.41	71.40 3.35 -5.91	74.35 3.48 -7.60	74.02 4.11 -5.79	72.26 4.15 -0.02	78.55 4.37 -0.02	82.84 5.13 0.00	87.27 5.48 -0.02	78.78 4.88 -0.01	71.63 4.43 -0.02	66.83 4.20 -0.02	60.65 3.94 -0.48	52.86 3.27 0.00	47.53 2.82 0.00
NARROWS_GT2_2 24237	48.97 3.08 0.00	45.54 2.82 0.00	45.34 2.57 0.00	44.59 2.32 0.00	46.04 2.36 0.00	47.62 2.70 0.00	62.94 3.90 0.00	73.82 4.11 0.00	72.15 4.21 -0.02	78.19 4.21 -10.19	68.08 4.07 -1.41	71.40 3.35 -5.91	74.35 3.48 -7.60	74.02 4.11 -5.79	72.26 4.15 -0.02	78.55 4.37 -0.02	82.84 5.13 0.00	87.27 5.48 -0.02	78.78 4.88 -0.01	71.63 4.43 -0.02	66.83 4.20 -0.02	60.65 3.94 -0.48	52.86 3.27 0.00	47.53 2.82 0.00
NARROWS_GT2_3 24238	48.97 3.08 0.00	45.54 2.82 0.00	45.34 2.57 0.00	44.59 2.32 0.00	46.04 2.36 0.00	47.62 2.70 0.00	62.94 3.90 0.00	73.82 4.11 0.00	72.15 4.21 -0.02	78.19 4.21 -10.19	68.08 4.07 -1.41	71.40 3.35 -5.91	74.35 3.48 -7.60	74.02 4.11 -5.79	72.26 4.15 -0.02	78.55 4.37 -0.02	82.84 5.13 0.00	87.27 5.48 -0.02	78.78 4.88 -0.01	71.63 4.43 -0.02	66.83 4.20 -0.02	60.65 3.94 -0.48	52.86 3.27 0.00	47.53 2.82 0.00
NARROWS_GT2_4 24239	48.97 3.08 0.00	45.54 2.82 0.00	45.34 2.57 0.00	44.59 2.32 0.00	46.04 2.36 0.00	47.62 2.70 0.00	62.94 3.90 0.00	73.82 4.11 0.00	72.15 4.21 -0.02	78.19 4.21 -10.19	68.08 4.07 -1.41	71.40 3.35 -5.91	74.35 3.48 -7.60	74.02 4.11 -5.79	72.26 4.15 -0.02	78.55 4.37 -0.02	82.84 5.13 0.00	87.27 5.48 -0.02	78.78 4.88 -0.01	71.63 4.43 -0.02	66.83 4.20 -0.02	60.65 3.94 -0.48	52.86 3.27 0.00	47.53 2.82 0.00
NARROWS_GT2_5 24240	48.97 3.08 0.00	45.54 2.82 0.00	45.34 2.57 0.00	44.59 2.32 0.00	46.04 2.36 0.00	47.62 2.70 0.00	62.94 3.90 0.00	73.82 4.11 0.00	72.15 4.21 -0.02	78.19 4.21 -10.19	68.08 4.07 -1.41	71.40 3.35 -5.91	74.35 3.48 -7.60	74.02 4.11 -5.79	72.26 4.15 -0.02	78.55 4.37 -0.02	82.84 5.13 0.00	87.27 5.48 -0.02	78.78 4.88 -0.01	71.63 4.43 -0.02	66.83 4.20 -0.02	60.65 3.94 -0.48	52.86 3.27 0.00	47.53 2.82 0.00
NARROWS_GT2_6 24241	48.97 3.08 0.00	45.54 2.82 0.00	45.34 2.57 0.00	44.59 2.32 0.00	46.04 2.36 0.00	47.62 2.70 0.00	62.94 3.90 0.00	73.82 4.11 0.00	72.15 4.21 -0.02	78.19 4.21 -10.19	68.08 4.07 -1.41	71.40 3.35 -5.91	74.35 3.48 -7.60	74.02 4.11 -5.79	72.26 4.15 -0.02	78.55 4.37 -0.02	82.84 5.13 0.00	87.27 5.48 -0.02	78.78 4.88 -0.01	71.63 4.43 -0.02	66.83 4.20 -0.02	60.65 3.94 -0.48	52.86 3.27 0.00	47.53 2.82 0.00
NARROWS_GT2_7 24242	48.97 3.08 0.00	45.54 2.82 0.00	45.34 2.57 0.00	44.59 2.32 0.00	46.04 2.36 0.00	47.62 2.70 0.00	62.94 3.90 0.00	73.82 4.11 0.00	72.15 4.21 -0.02	78.19 4.21 -10.19	68.08 4.07 -1.41	71.40 3.35 -5.91	74.35 3.48 -7.60	74.02 4.11 -5.79	72.26 4.15 -0.02	78.55 4.37 -0.02	82.84 5.13 0.00	87.27 5.48 -0.02	78.78 4.88 -0.01	71.63 4.43 -0.02	66.83 4.20 -0.02	60.65 3.94 -0.48	52.86 3.27 0.00	47.53 2.82 0.00
NARROWS_GT2_8 24243	48.97 3.08 0.00	45.54 2.82 0.00	45.34 2.57 0.00	44.59 2.32 0.00	46.04 2.36 0.00	47.62 2.70 0.00	62.94 3.90 0.00	73.82 4.11 0.00	72.15 4.21 -0.02	78.19 4.21 -10.19	68.08 4.07 -1.41	71.40 3.35 -5.91	74.35 3.48 -7.60	74.02 4.11 -5.79	72.26 4.15 -0.02	78.55 4.37 -0.02	82.84 5.13 0.00	87.27 5.48 -0.02	78.78 4.88 -0.01	71.63 4.43 -0.02	66.83 4.20 -0.02	60.65 3.94 -0.48	52.86 3.27 0.00	47.53 2.82 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	47.87 1.97 0.00	44.60 1.88 0.00	44.70 1.92 0.00	44.12 1.86 0.00	45.65 1.97 0.00	46.94 2.02 0.00	61.52 2.48 0.00	72.56 2.86 0.00	70.64 2.72 0.00	65.96 2.17 0.00	64.42 1.82 0.00	63.63 1.49 0.00	64.98 1.71 0.00	65.98 1.86 0.00	70.13 2.04 0.00	76.53 2.37 0.00	80.82 3.11 0.00	85.12 3.35 0.00	77.15 3.25 0.00	70.01 2.82 0.00	65.31 2.69 0.00	58.70 1.91 -0.55	51.52 1.93 0.00	46.46 1.74 0.00
NCHELSEA_115KV_TR2 355582	48.42 2.52 0.00	45.07 2.35 0.00	45.04 2.27 0.00	44.38 2.11 0.00	45.91 2.23 0.00	47.35 2.43 0.00	62.41 3.37 0.00	73.47 3.76 0.00	71.86 3.94 0.00	67.68 3.89 0.00	66.24 3.63 0.00	65.62 3.48 0.00	66.88 3.61 0.00	67.90 3.78 0.00	72.04 3.95 0.00	78.23 4.08 0.00	82.53 4.82 0.00	86.76 4.99 0.00	78.33 4.43 0.00	71.15 3.96 0.00	66.25 3.63 0.00	59.97 3.26 -0.47	52.36 2.78 0.00	46.99 2.28 0.00
NEG CAPITAL____MECHNVIL 23645	48.56 2.66 0.00	45.15 2.43 0.00	45.21 2.44 0.00	44.67 2.41 0.00	46.18 2.49 0.00	47.57 2.65 0.00	62.23 3.19 0.00	73.26 3.55 0.00	71.39 3.46 0.00	66.73 2.94 0.00	65.49 2.88 0.00	64.75 2.61 0.00	65.93 2.66 0.00	66.87 2.76 0.00	70.95 2.86 0.00	77.49 3.34 0.00	81.44 3.73 0.00	85.86 4.09 0.00	77.67 3.77 0.00	70.54 3.36 0.00	66.00 3.38 0.00	60.04 3.20 -0.59	52.36 2.78 0.00	47.12 2.41 0.00
NEG CENTRAL_HIGH_ACRES 23767	44.38 -1.51 0.00	41.18 -1.54 0.00	41.28 -1.50 0.00	40.83 -1.44 0.00	42.33 -1.35 0.00	43.08 -1.84 0.00	56.68 -2.36 0.00	67.20 -2.51 0.00	65.21 -2.72 0.00	61.69 -2.10 0.00	60.67 -1.94 0.00	60.64 -1.49 0.00	61.44 -1.84 0.00	62.13 -1.99 0.00	66.11 -1.98 0.00	71.78 -2.38 0.00	74.84 -2.87 0.00	78.75 -3.02 0.00	71.02 -2.88 0.00	64.50 -2.69 0.00	59.87 -2.75 0.00	53.76 -2.53 -0.05	47.41 -2.18 0.00	42.97 -1.74 0.00



NEG CENTRAL___DRP 24199	45.39 -0.50 0.00	42.21 -0.51 0.00	42.22 -0.56 0.00	41.76 -0.51 0.00	43.21 -0.48 0.00	44.29 -0.63 0.00	58.39 -0.65 0.00	69.22 -0.49 0.00	67.25 -0.68 0.00	63.35 -0.45 0.00	62.23 -0.38 0.00	62.01 -0.12 0.00	62.90 -0.38 0.00	63.67 -0.45 0.00	67.61 -0.48 0.00	73.56 -0.59 0.00	76.78 -0.93 0.00	81.04 -0.74 0.00	73.16 -0.74 0.00	66.51 -0.67 0.00	61.81 -0.81 0.00	55.39 -0.90 -0.05	48.84 -0.74 0.00	44.13 -0.58 0.00
NEG CENTRAL___INDECK 23768	46.40 0.51 0.00	43.02 0.30 0.00	43.08 0.30 0.00	42.69 0.42 0.00	44.34 0.66 0.00	45.06 0.14 0.00	59.63 0.59 0.00	70.75 1.05 0.00	68.06 0.14 0.00	63.92 0.13 0.00	62.79 0.19 0.00	62.69 0.56 0.00	63.34 0.06 0.00	63.99 -0.13 0.00	68.16 0.07 0.00	74.30 0.15 0.00	77.79 0.08 0.00	82.42 0.65 0.00	74.56 0.66 0.00	67.72 0.53 0.00	62.81 0.19 0.00	55.76 -0.56 -0.09	49.59 0.00 0.00	44.94 0.22 0.00
NEG CENTRAL___SENECA 23627	45.34 -0.55 0.00	42.12 -0.60 0.00	42.18 -0.60 0.00	41.71 -0.55 0.00	43.16 -0.52 0.00	44.16 -0.76 0.00	58.22 -0.83 0.00	69.01 -0.70 0.00	67.04 -0.88 0.00	63.22 -0.57 0.00	62.17 -0.44 0.00	62.01 -0.12 0.00	62.90 -0.38 0.00	63.61 -0.51 0.00	67.61 -0.48 0.00	73.49 -0.67 0.00	76.62 -1.09 0.00	80.87 -0.90 0.00	72.94 -0.96 0.00	66.31 -0.87 0.00	61.62 -1.00 0.00	55.22 -1.07 -0.05	48.65 -0.94 0.00	44.04 -0.67 0.00
NEG CENTRAL___STATE_STREET 24147	45.62 -0.28 0.00	42.42 -0.30 0.00	42.48 -0.30 0.00	41.97 -0.30 0.00	43.38 -0.31 0.00	44.61 -0.31 0.00	58.81 -0.24 0.00	69.78 0.07 0.00	67.79 -0.14 0.00	63.66 -0.13 0.00	62.54 -0.06 0.00	62.20 0.06 0.00	63.21 -0.06 0.00	63.99 -0.13 0.00	67.95 -0.14 0.00	73.93 -0.22 0.00	77.32 -0.39 0.00	81.69 -0.08 0.00	73.83 -0.07 0.00	67.12 -0.07 0.00	62.43 -0.19 0.00	55.85 -0.45 -0.06	49.24 -0.35 0.00	44.40 -0.31 0.00
NEG MILLWOOD___DRP 24198	48.51 2.62 0.00	45.24 2.52 0.00	45.22 2.44 0.00	44.59 2.32 0.00	46.09 2.40 0.00	47.48 2.56 0.00	62.65 3.60 0.00	73.61 3.90 0.00	72.14 4.21 0.00	68.00 4.21 0.00	66.55 3.94 0.00	65.93 3.79 0.00	67.14 3.86 0.00	68.16 4.04 0.00	72.31 4.22 0.00	78.68 4.52 0.00	82.99 5.28 0.00	87.09 5.32 0.00	78.63 4.73 0.00	71.55 4.37 0.00	66.63 4.01 0.00	60.25 3.54 -0.47	52.46 2.88 0.00	47.08 2.37 0.00
NEG NORTH_FLCN_SEA 23793	42.96 -2.94 0.00	39.99 -2.73 0.00	40.17 -2.61 0.00	40.36 -1.90 0.00	41.94 -1.75 0.00	43.22 -1.71 0.00	56.86 -2.18 0.00	67.82 -1.88 0.00	66.70 -1.22 0.00	62.71 -1.08 0.00	61.86 -0.75 0.00	62.01 -0.12 0.00	63.66 0.38 0.00	64.82 0.71 0.00	68.63 0.54 0.00	74.97 0.82 0.00	76.70 -1.01 0.00	80.63 -1.14 0.00	72.35 -1.55 0.00	65.57 -1.61 0.00	61.87 -0.75 0.00	56.07 -0.17 0.00	49.54 -0.05 0.00	44.85 0.13 0.00
NEG NORTH_KES_CHATEGAY 23792	42.59 -3.30 0.00	39.69 -3.03 0.00	39.87 -2.91 0.00	40.07 -2.20 0.00	41.59 -2.10 0.00	42.90 -2.02 0.00	56.45 -2.60 0.00	67.34 -2.37 0.00	66.16 -1.77 0.00	62.13 -1.66 0.00	61.29 -1.31 0.00	61.45 -0.68 0.00	63.09 -0.19 0.00	64.25 0.13 0.00	68.02 -0.07 0.00	74.30 0.15 0.00	76.08 -1.63 0.00	79.97 -1.80 0.00	71.83 -2.07 0.00	65.10 -2.08 0.00	61.43 -1.19 0.00	55.73 -0.51 0.00	49.19 -0.40 0.00	44.53 -0.18 0.00
NEG NORTH___ALICE_FALLS 23915	43.05 -2.85 0.00	40.11 -2.61 0.00	40.25 -2.52 0.00	40.49 -1.78 0.00	42.03 -1.66 0.00	43.35 -1.57 0.00	57.10 -1.95 0.00	68.10 -1.60 0.00	66.91 -1.02 0.00	62.83 -0.96 0.00	61.98 -0.63 0.00	62.14 0.00 0.00	63.78 0.51 0.00	65.02 0.90 0.00	68.84 0.75 0.00	75.27 1.11 0.00	76.93 -0.78 0.00	80.95 -0.82 0.00	72.72 -1.18 0.00	65.84 -1.34 0.00	62.18 -0.44 0.00	56.29 0.06 0.00	49.74 0.15 0.00	45.02 0.31 0.00
NEG NORTH___LWR_SARANAC 23913	43.05 -2.85 0.00	40.11 -2.61 0.00	40.25 -2.52 0.00	40.49 -1.78 0.00	42.03 -1.66 0.00	43.35 -1.57 0.00	57.10 -1.95 0.00	68.10 -1.60 0.00	66.91 -1.02 0.00	62.83 -0.96 0.00	61.98 -0.63 0.00	62.14 0.00 0.00	63.78 0.51 0.00	65.02 0.90 0.00	68.84 0.75 0.00	75.27 1.11 0.00	76.93 -0.78 0.00	80.95 -0.82 0.00	72.72 -1.18 0.00	65.84 -1.34 0.00	62.18 -0.44 0.00	56.29 0.06 0.00	49.74 0.15 0.00	45.02 0.31 0.00
NEG NORTH___PLATTSBURG 23628	43.05 -2.85 0.00	40.11 -2.61 0.00	40.25 -2.52 0.00	40.49 -1.77 0.00	42.03 -1.66 0.00	43.35 -1.57 0.00	57.10 -1.95 0.00	68.03 -1.67 0.00	66.91 -1.02 0.00	62.84 -0.96 0.00	61.98 -0.63 0.00	62.14 0.00 0.00	63.78 0.50 0.00	65.02 0.90 0.00	68.84 0.75 0.00	75.27 1.11 0.00	76.93 -0.78 0.00	80.95 -0.82 0.00	72.71 -1.19 0.00	65.84 -1.34 0.00	62.19 -0.44 0.00	56.29 0.06 0.00	49.74 0.15 0.00	45.03 0.32 0.00
NEG WEST_LEA_LOCKPORT 23791	45.02 -0.87 0.00	41.78 -0.94 0.00	41.84 -0.94 0.00	41.46 -0.80 0.00	42.94 -0.74 0.00	42.72 -2.20 0.00	55.80 -3.25 0.00	65.87 -3.83 0.00	63.24 -4.69 0.00	60.16 -3.64 0.00	59.16 -3.44 0.00	59.09 -3.04 0.00	59.73 -3.54 0.00	60.34 -3.78 0.00	63.73 -4.36 0.00	69.71 -4.45 0.00	71.96 -5.75 0.00	76.29 -5.48 0.00	68.80 -5.10 0.00	62.55 -4.64 0.00	58.05 -4.57 0.00	51.53 -4.78 -0.07	46.51 -3.07 0.00	42.70 -2.01 0.00
NEG WEST___LANCASTR 23811	45.11 -0.78 0.00	41.99 -0.73 0.00	42.01 -0.77 0.00	41.59 -0.68 0.00	43.03 -0.66 0.00	43.48 -1.44 0.00	57.21 -1.83 0.00	67.48 -2.23 0.00	64.73 -3.19 0.00	61.30 -2.49 0.00	60.35 -2.25 0.00	60.15 -1.99 0.00	60.87 -2.40 0.00	61.55 -2.56 0.00	65.02 -3.06 0.00	70.89 -3.26 0.00	73.44 -4.27 0.00	77.93 -3.84 0.00	70.28 -3.62 0.00	63.89 -3.29 0.00	59.18 -3.44 0.00	50.25 -6.07 -0.08	47.46 -2.13 0.00	43.33 -1.39 0.00
NEG_PENN_ALLEGHNY 23528	46.12 0.23 0.00	42.98 0.26 0.00	42.99 0.21 0.00	42.48 0.21 0.00	43.91 0.22 0.00	45.01 0.09 0.00	59.40 0.36 0.00	70.13 0.42 0.00	68.06 0.14 0.00	63.98 0.19 0.00	62.86 0.25 0.00	62.45 0.31 0.00	63.47 0.19 0.00	64.25 0.13 0.00	68.22 0.14 0.00	74.38 0.22 0.00	77.71 0.00 0.00	82.02 0.25 0.00	74.05 0.15 0.00	67.32 0.13 0.00	62.56 -0.06 0.00	55.78 -0.62 -0.16	49.54 -0.05 0.00	44.76 0.04 0.00
NEG___GEN_MONROE 24207	45.44 -0.46 0.00	42.17 -0.56 0.00	42.22 -0.56 0.00	41.80 -0.46 0.00	43.38 -0.31 0.00	43.89 -1.03 0.00	57.51 -1.54 0.00	68.03 -1.67 0.00	65.82 -2.11 0.00	62.52 -1.28 0.00	61.42 -1.19 0.00	61.52 -0.62 0.00	62.14 -1.14 0.00	62.71 -1.41 0.00	66.59 -1.50 0.00	72.37 -1.78 0.00	75.22 -2.49 0.00	79.48 -2.29 0.00	71.68 -2.22 0.00	65.10 -2.08 0.00	60.49 -2.13 0.00	54.27 -2.02 -0.06	48.10 -1.49 0.00	43.82 -0.89 0.00
NEPA___ENERGY 23901	45.11 -0.78 0.00	42.04 -0.68 0.00	42.05 -0.73 0.00	41.59 -0.68 0.00	43.03 -0.66 0.00	43.57 -1.35 0.00	57.33 -1.71 0.00	67.48 -2.23 0.00	64.66 -3.26 0.00	61.18 -2.62 0.00	60.23 -2.38 0.00	60.02 -2.11 0.00	60.68 -2.59 0.00	61.36 -2.76 0.00	64.89 -3.20 0.00	70.74 -3.41 0.00	73.36 -4.35 0.00	77.93 -3.84 0.00	70.20 -3.69 0.00	63.83 -3.36 0.00	59.11 -3.51 0.00	51.71 -4.61 -0.09	47.46 -2.13 0.00	43.37 -1.34 0.00

NEVERSINK___HYD 23608	48.37 2.48 0.00	45.07 2.35 0.00	45.04 2.27 0.00	44.38 2.11 0.00	45.91 2.23 0.00	47.39 2.47 0.00	62.41 3.36 0.00	73.54 3.83 0.00	71.93 4.01 0.00	67.68 3.89 0.00	66.11 3.50 0.00	65.49 3.35 0.00	66.75 3.48 0.00	67.77 3.65 0.00	71.90 3.81 0.00	78.16 4.00 0.00	82.53 4.82 0.00	86.93 5.15 0.00	78.41 4.51 0.00	71.28 4.10 0.00	66.31 3.69 0.00	59.98 3.32 -0.42	52.36 2.78 0.00	47.04 2.32 0.00
NEWKRMKL_115KV_TB1 55635	47.32 1.42 0.00	44.04 1.32 0.00	44.15 1.37 0.00	43.57 1.31 0.00	45.04 1.35 0.00	46.31 1.39 0.00	60.64 1.59 0.00	71.45 1.74 0.00	69.69 1.77 0.00	65.26 1.47 0.00	64.05 1.44 0.00	63.38 1.24 0.00	64.60 1.33 0.00	65.53 1.41 0.00	69.52 1.43 0.00	75.86 1.71 0.00	79.81 2.10 0.00	83.90 2.13 0.00	75.89 2.00 0.00	68.93 1.75 0.00	64.37 1.75 0.00	58.33 1.52 -0.58	50.83 1.24 0.00	45.96 1.25 0.00
NEWTON___FALLS_HYD 23847	43.65 -2.25 0.00	40.71 -2.01 0.00	40.77 -2.01 0.00	40.62 -1.65 0.00	42.11 -1.57 0.00	43.31 -1.62 0.00	56.56 -2.48 0.00	67.48 -2.23 0.00	66.43 -1.49 0.00	62.07 -1.72 0.00	61.42 -1.19 0.00	61.27 -0.87 0.00	62.71 -0.57 0.00	63.80 -0.32 0.00	67.75 -0.34 0.00	73.71 -0.44 0.00	75.30 -2.41 0.00	79.32 -2.45 0.00	71.31 -2.59 0.00	64.83 -2.35 0.00	61.43 -1.19 0.00	55.52 -0.73 -0.01	48.79 -0.79 0.00	44.22 -0.49 0.00
NGRID_A1_DSASP 323792	43.92 -1.97 0.00	40.80 -1.92 0.00	40.81 -1.97 0.00	40.45 -1.82 0.00	41.85 -1.83 0.00	41.96 -2.96 0.00	54.62 -4.43 0.00	64.48 -5.23 0.00	62.02 -5.91 0.00	59.07 -4.72 0.00	58.10 -4.51 0.00	58.04 -4.10 0.00	58.66 -4.62 0.00	59.25 -4.87 0.00	62.57 -5.52 0.00	68.30 -5.86 0.00	70.40 -7.30 0.00	74.66 -7.11 0.00	67.25 -6.65 0.00	61.14 -6.05 0.00	56.73 -5.89 0.00	50.63 -5.68 -0.07	45.62 -3.97 0.00	41.89 -2.82 0.00
NGRID_A2_DSASP 323793	43.92 -1.97 0.00	40.80 -1.92 0.00	40.81 -1.97 0.00	40.45 -1.82 0.00	41.85 -1.83 0.00	41.96 -2.96 0.00	54.62 -4.43 0.00	64.48 -5.23 0.00	62.02 -5.91 0.00	59.07 -4.72 0.00	58.10 -4.51 0.00	58.04 -4.10 0.00	58.66 -4.62 0.00	59.25 -4.87 0.00	62.57 -5.52 0.00	68.30 -5.86 0.00	70.40 -7.30 0.00	74.66 -7.11 0.00	67.25 -6.65 0.00	61.14 -6.05 0.00	56.73 -5.89 0.00	50.63 -5.68 -0.07	45.62 -3.97 0.00	41.89 -2.82 0.00
NGRID_A4_DSASP 323807	43.92 -1.97 0.00	40.80 -1.92 0.00	40.81 -1.97 0.00	40.45 -1.82 0.00	41.85 -1.83 0.00	41.96 -2.96 0.00	54.62 -4.43 0.00	64.48 -5.23 0.00	62.02 -5.91 0.00	59.07 -4.72 0.00	58.10 -4.51 0.00	58.04 -4.10 0.00	58.66 -4.62 0.00	59.25 -4.87 0.00	62.57 -5.52 0.00	68.30 -5.86 0.00	70.40 -7.30 0.00	74.66 -7.11 0.00	67.25 -6.65 0.00	61.14 -6.05 0.00	56.73 -5.89 0.00	50.63 -5.68 -0.07	45.62 -3.97 0.00	41.89 -2.82 0.00
NIAGARA_115E_LBMP 323715	44.79 -1.10 0.00	41.57 -1.15 0.00	40.90 -1.88 0.00	40.49 -1.77 0.00	42.03 -1.66 0.00	42.09 -2.83 0.00	54.85 -4.19 0.00	64.76 -4.95 0.00	62.01 -5.91 0.00	59.01 -4.79 0.00	58.04 -4.57 0.00	57.97 -4.16 0.00	58.59 -4.68 0.00	59.18 -4.94 0.00	62.78 -5.31 0.00	68.59 -5.56 0.00	71.03 -6.68 0.00	74.99 -6.79 0.00	67.77 -6.13 0.00	61.54 -5.64 0.00	56.98 -5.64 0.00	50.69 -5.62 -0.07	45.77 -3.82 0.00	41.98 -2.73 0.00
NIAGARA_115W_LBMP 323714	43.83 -2.06 0.00	40.71 -2.01 0.00	41.49 -1.28 0.00	41.08 -1.18 0.00	42.64 -1.05 0.00	41.87 -3.06 0.00	54.50 -4.55 0.00	64.34 -5.37 0.00	61.95 -5.98 0.00	58.94 -4.85 0.00	57.97 -4.63 0.00	57.91 -4.23 0.00	58.53 -4.75 0.00	59.12 -5.00 0.00	62.64 -5.45 0.00	68.22 -5.94 0.00	70.56 -7.15 0.00	74.49 -7.28 0.00	67.32 -6.58 0.00	61.14 -6.05 0.00	56.61 -6.01 0.00	50.52 -5.79 -0.07	45.52 -4.07 0.00	41.76 -2.95 0.00
NIAGARA_230_LBMP 323716	44.52 -1.38 0.00	41.35 -1.37 0.00	41.41 -1.37 0.00	41.00 -1.27 0.00	42.51 -1.18 0.00	42.54 -2.38 0.00	55.44 -3.60 0.00	65.38 -4.32 0.00	62.97 -4.96 0.00	59.90 -3.89 0.00	58.85 -3.75 0.00	58.84 -3.30 0.00	59.48 -3.79 0.00	60.01 -4.10 0.00	63.66 -4.42 0.00	69.34 -4.82 0.00	71.73 -5.98 0.00	75.81 -5.97 0.00	68.43 -5.47 0.00	62.21 -4.97 0.00	57.61 -5.01 0.00	51.30 -5.01 -0.07	46.21 -3.37 0.00	42.38 -2.33 0.00
NIAGARA___115KV_198_GIBSON 55903	43.83 -2.07 0.00	40.71 -2.01 0.00	40.72 -2.05 0.00	40.32 -1.94 0.00	41.76 -1.92 0.00	41.87 -3.05 0.00	54.50 -4.55 0.00	64.27 -5.44 0.00	61.88 -6.05 0.00	58.88 -4.91 0.00	57.97 -4.63 0.00	57.91 -4.23 0.00	58.47 -4.81 0.00	59.05 -5.07 0.00	62.44 -5.65 0.00	68.15 -6.01 0.00	70.17 -7.54 0.00	74.49 -7.28 0.00	67.10 -6.80 0.00	61.00 -6.18 0.00	56.61 -6.01 0.00	50.52 -5.79 -0.07	45.47 -4.12 0.00	41.81 -2.91 0.00
NIAGARA____ 23760	44.52 -1.38 0.00	41.35 -1.37 0.00	41.41 -1.37 0.00	41.00 -1.27 0.00	42.51 -1.18 0.00	42.54 -2.38 0.00	55.44 -3.60 0.00	65.38 -4.32 0.00	62.97 -4.96 0.00	59.90 -3.89 0.00	58.85 -3.75 0.00	58.84 -3.30 0.00	59.48 -3.79 0.00	60.01 -4.10 0.00	63.66 -4.42 0.00	69.34 -4.82 0.00	71.73 -5.98 0.00	75.81 -5.97 0.00	68.43 -5.47 0.00	62.21 -4.97 0.00	57.61 -5.01 0.00	51.30 -5.01 -0.07	46.21 -3.37 0.00	42.38 -2.33 0.00
NINE_MILE_1 23575	44.24 -1.65 0.00	41.18 -1.54 0.00	41.24 -1.54 0.00	40.74 -1.52 0.00	42.12 -1.57 0.00	43.26 -1.66 0.00	56.86 -2.18 0.00	67.20 -2.51 0.00	65.41 -2.51 0.00	61.50 -2.29 0.00	60.36 -2.25 0.00	59.96 -2.18 0.00	61.06 -2.22 0.00	61.81 -2.31 0.00	65.70 -2.38 0.00	71.56 -2.60 0.00	74.84 -2.87 0.00	78.75 -3.02 0.00	71.24 -2.66 0.00	64.70 -2.48 0.00	60.24 -2.38 0.00	54.08 -2.19 -0.03	47.70 -1.88 0.00	43.06 -1.65 0.00
NINE_MILE_2 23744	44.24 -1.65 0.00	41.18 -1.54 0.00	41.24 -1.54 0.00	40.74 -1.52 0.00	42.12 -1.57 0.00	43.26 -1.66 0.00	56.86 -2.18 0.00	67.20 -2.51 0.00	65.41 -2.51 0.00	61.50 -2.29 0.00	60.36 -2.25 0.00	59.96 -2.18 0.00	61.06 -2.22 0.00	61.81 -2.31 0.00	65.70 -2.38 0.00	71.56 -2.60 0.00	74.84 -2.87 0.00	78.75 -3.02 0.00	71.24 -2.66 0.00	64.70 -2.48 0.00	60.24 -2.38 0.00	54.08 -2.19 -0.03	47.70 -1.88 0.00	43.06 -1.65 0.00
NM_CAPITAL___DRP 24208	47.36 1.47 0.00	44.09 1.37 0.00	44.19 1.41 0.00	43.62 1.35 0.00	45.04 1.35 0.00	46.36 1.44 0.00	60.70 1.65 0.00	71.52 1.81 0.00	69.76 1.83 0.00	65.32 1.53 0.00	64.05 1.44 0.00	63.38 1.24 0.00	64.60 1.33 0.00	65.53 1.41 0.00	69.52 1.43 0.00	75.86 1.71 0.00	79.81 2.10 0.00	83.90 2.13 0.00	75.97 2.07 0.00	69.00 1.81 0.00	64.44 1.82 0.00	58.39 1.57 -0.58	50.88 1.29 0.00	45.96 1.25 0.00
NM_CENTRAL___DRP 24181	45.16 -0.73 0.00	42.04 -0.68 0.00	42.05 -0.73 0.00	41.59 -0.68 0.00	42.99 -0.70 0.00	44.16 -0.76 0.00	58.04 -1.00 0.00	68.66 -1.05 0.00	66.84 -1.09 0.00	62.83 -0.96 0.00	61.73 -0.88 0.00	61.33 -0.81 0.00	62.39 -0.89 0.00	63.16 -0.96 0.00	67.13 -0.95 0.00	73.04 -1.11 0.00	76.47 -1.24 0.00	80.54 -1.23 0.00	72.72 -1.18 0.00	66.11 -1.07 0.00	61.49 -1.13 0.00	55.16 -1.12 -0.04	48.70 -0.89 0.00	43.95 -0.76 0.00

NM_FRONTIER___DRP 24179	43.83 -2.07 0.00	40.71 -2.01 0.00	40.72 -2.05 0.00	40.32 -1.94 0.00	41.76 -1.92 0.00	41.87 -3.05 0.00	54.50 -4.55 0.00	64.27 -5.44 0.00	61.88 -6.05 0.00	58.88 -4.91 0.00	57.97 -4.63 0.00	57.91 -4.23 0.00	58.47 -4.81 0.00	59.05 -5.07 0.00	62.44 -5.65 0.00	68.15 -6.01 0.00	70.17 -7.54 0.00	74.49 -7.28 0.00	67.10 -6.80 0.00	61.00 -6.18 0.00	56.61 -6.01 0.00	50.52 -5.79 -0.07	45.47 -4.12 0.00	41.81 -2.91 0.00
NM_ST_REGIS___HYD 24053	43.05 -2.85 0.00	40.11 -2.61 0.00	40.21 -2.57 0.00	40.36 -1.90 0.00	41.85 -1.83 0.00	42.95 -1.98 0.00	56.27 -2.78 0.00	67.20 -2.51 0.00	66.16 -1.77 0.00	62.01 -1.79 0.00	61.23 -1.38 0.00	61.33 -0.81 0.00	62.96 -0.32 0.00	64.12 0.00 0.00	67.88 -0.20 0.00	74.01 -0.15 0.00	75.53 -2.18 0.00	79.32 -2.45 0.00	71.24 -2.66 0.00	64.56 -2.62 0.00	61.18 -1.44 0.00	55.57 -0.67 -0.01	49.09 -0.50 0.00	44.62 -0.09 0.00
NORTHPORT___1 23551	49.25 3.35 -0.01	45.63 2.91 0.00	45.39 2.61 0.00	44.80 2.54 0.00	46.57 2.88 0.00	48.30 3.37 -0.01	63.24 4.19 -0.01	72.77 3.06 0.00	71.05 3.13 0.00	66.67 2.87 0.00	65.61 3.01 0.00	65.12 2.98 0.00	66.13 2.85 0.00	67.32 3.20 0.00	71.01 2.93 0.00	76.38 2.22 0.00	82.54 4.82 -0.01	86.93 5.15 -0.01	78.57 4.66 -0.01	71.35 4.17 0.00	66.19 3.57 0.00	60.37 3.65 -0.47	56.71 3.67 -3.46	47.98 3.26 -0.01
NORTHPORT___2 23552	49.25 3.35 -0.01	45.63 2.91 0.00	45.39 2.61 0.00	44.80 2.54 0.00	46.57 2.88 0.00	48.30 3.37 -0.01	63.24 4.19 -0.01	72.77 3.06 0.00	71.05 3.13 0.00	66.67 2.87 0.00	65.61 3.01 0.00	65.12 2.98 0.00	66.13 2.85 0.00	67.32 3.20 0.00	71.01 2.93 0.00	76.38 2.22 0.00	82.54 4.82 -0.01	86.93 5.15 -0.01	78.57 4.66 -0.01	71.35 4.17 0.00	66.19 3.57 0.00	60.37 3.65 -0.47	56.71 3.67 -3.46	47.98 3.26 -0.01
NORTHPORT___3 23553	49.11 3.21 -0.01	45.50 2.78 0.00	45.30 2.52 0.00	44.71 2.45 0.00	46.44 2.75 0.00	48.17 3.24 -0.01	63.01 3.96 -0.01	72.57 2.86 0.00	70.78 2.85 0.00	66.47 2.68 0.00	65.43 2.82 0.00	65.00 2.86 0.00	65.99 2.72 0.00	67.20 3.08 0.00	70.88 2.79 0.00	76.16 2.00 0.00	82.22 4.51 -0.01	86.60 4.82 -0.01	78.27 4.36 -0.01	71.15 3.96 0.00	66.00 3.38 0.00	60.20 3.49 -0.47	56.52 3.47 -3.46	47.80 3.08 -0.01
NORTHPORT___4 23650	49.11 3.21 -0.01	45.50 2.78 0.00	45.30 2.52 0.00	44.71 2.45 0.00	46.44 2.75 0.00	48.17 3.24 -0.01	63.01 3.96 -0.01	72.57 2.86 0.00	70.78 2.85 0.00	66.47 2.68 0.00	65.43 2.82 0.00	65.00 2.86 0.00	65.99 2.72 0.00	67.20 3.08 0.00	70.88 2.79 0.00	76.16 2.00 0.00	82.22 4.51 -0.01	86.60 4.82 -0.01	78.27 4.36 -0.01	71.15 3.96 0.00	66.00 3.38 0.00	60.20 3.49 -0.47	56.52 3.47 -3.46	47.80 3.08 -0.01
NORTHPORT___IC 23718	49.25 3.35 -0.01	45.63 2.90 0.00	45.39 2.61 0.00	44.80 2.54 0.00	46.57 2.88 0.00	48.30 3.37 -0.01	63.24 4.19 -0.01	72.84 3.14 0.00	70.71 2.78 0.00	66.79 3.00 0.00	65.61 3.01 0.00	65.12 2.98 0.00	66.06 2.78 0.00	67.32 3.21 0.00	71.01 2.93 0.00	76.75 2.60 0.00	82.61 4.90 -0.01	86.93 5.15 -0.01	78.64 4.73 -0.01	71.35 4.17 0.00	66.19 3.57 0.00	60.37 3.66 -0.47	56.71 3.67 -3.46	47.94 3.22 -0.01
NORTH___COUNTRY_ESR 323785	42.50 -3.40 0.00	39.60 -3.12 0.00	39.78 -3.00 0.00	39.94 -2.32 0.00	41.50 -2.18 0.00	42.77 -2.16 0.00	56.27 -2.77 0.00	67.06 -2.65 0.00	66.02 -1.90 0.00	62.07 -1.72 0.00	61.29 -1.32 0.00	61.45 -0.68 0.00	63.02 -0.25 0.00	64.18 0.06 0.00	67.95 -0.14 0.00	74.23 0.07 0.00	75.93 -1.78 0.00	79.81 -1.96 0.00	71.61 -2.29 0.00	64.90 -2.28 0.00	61.24 -1.38 0.00	55.57 -0.67 0.00	49.04 -0.54 0.00	44.45 -0.27 0.00
NPX_GEN_1385_PROXY 323591	49.67 3.76 -0.01	45.84 3.12 0.00	45.60 2.82 0.00	45.01 2.75 0.00	47.27 3.58 0.00	59.00 4.45 -9.63	94.43 5.55 -29.84	99.80 4.67 -25.42	74.40 4.68 -1.79	65.96 3.38 1.22	65.49 2.88 0.00	65.00 2.86 0.00	65.99 2.72 0.00	67.20 3.08 0.00	71.15 3.07 0.00	77.71 3.56 0.00	92.33 6.60 -8.02	99.11 7.03 -10.31	94.94 6.36 -14.68	91.35 5.71 -18.46	83.12 5.01 -15.49	64.84 4.95 -3.65	57.90 4.81 -3.50	48.97 4.25 -0.01
NPX_GEN_CSC 323557	49.94 4.04 -0.01	46.14 3.42 0.00	45.86 3.08 0.00	45.31 3.04 0.00	47.00 3.32 0.00	48.88 3.95 -0.01	64.13 5.08 -0.01	78.15 3.90 -4.54	68.54 3.94 3.33	66.40 3.83 1.22	66.67 4.07 0.00	65.74 3.60 0.00	66.25 2.97 0.00	67.97 3.85 0.00	71.69 3.61 0.00	75.64 1.48 0.00	83.62 5.90 -0.01	88.16 6.38 -0.01	79.82 5.91 -0.01	71.96 4.77 0.00	66.13 3.50 0.00	60.82 4.10 -0.47	56.68 3.62 -3.47	48.43 3.71 -0.01
NSINS_S_GLNS_FALLS 23858	49.15 3.26 0.00	45.67 2.95 0.00	45.77 2.99 0.00	45.26 3.00 0.00	46.74 3.06 0.00	48.25 3.32 0.00	62.23 3.19 0.00	73.19 3.49 0.00	71.25 3.33 0.00	66.53 2.74 0.00	65.36 2.75 0.00	64.56 2.42 0.00	65.81 2.53 0.00	66.68 2.56 0.00	70.61 2.52 0.00	76.97 2.82 0.00	80.90 3.19 0.00	85.37 3.60 0.00	77.30 3.40 0.00	70.01 2.82 0.00	65.88 3.26 0.00	60.83 3.99 -0.60	53.11 3.52 0.00	47.71 3.00 0.00
NUCOR_STEEL___DRP 24197	45.66 -0.23 0.00	42.51 -0.21 0.00	42.56 -0.21 0.00	42.09 -0.17 0.00	43.47 -0.22 0.00	44.65 -0.27 0.00	58.87 -0.18 0.00	69.78 0.07 0.00	67.79 -0.14 0.00	63.73 -0.06 0.00	62.61 0.00 0.00	62.26 0.12 0.00	63.28 0.00 0.00	64.05 -0.06 0.00	68.09 0.00 0.00	74.01 -0.15 0.00	77.40 -0.31 0.00	81.69 -0.08 0.00	73.83 -0.07 0.00	67.12 -0.07 0.00	62.43 -0.19 0.00	55.90 -0.39 -0.06	49.34 -0.25 0.00	44.49 -0.22 0.00
NUMBER_THREE_WT_PWR 323818	44.88 -1.01 0.00	41.87 -0.85 0.00	41.88 -0.90 0.00	41.46 -0.80 0.00	42.99 -0.70 0.00	44.39 -0.54 0.00	58.22 -0.83 0.00	69.36 -0.35 0.00	68.33 0.41 0.00	63.79 0.00 0.00	62.86 0.25 0.00	62.51 0.38 0.00	63.78 0.50 0.00	64.82 0.71 0.00	68.97 0.88 0.00	75.05 0.89 0.00	77.01 -0.70 0.00	81.45 -0.33 0.00	73.16 -0.74 0.00	66.58 -0.61 0.00	62.75 0.13 0.00	56.37 0.11 -0.02	49.39 -0.20 0.00	44.53 -0.18 0.00
NYISO_LBMP_REFERENCE 24008	45.89 0.00 0.00	42.72 0.00 0.00	42.78 0.00 0.00	42.26 0.00 0.00	43.69 0.00 0.00	44.92 0.00 0.00	59.04 0.00 0.00	69.71 0.00 0.00	67.92 0.00 0.00	63.79 0.00 0.00	62.61 0.00 0.00	62.14 0.00 0.00	63.28 0.00 0.00	64.12 0.00 0.00	68.09 0.00 0.00	74.15 0.00 0.00	77.71 0.00 0.00	81.77 0.00 0.00	73.90 0.00 0.00	67.18 0.00 0.00	62.62 0.00 0.00	56.24 0.00 0.00	49.59 0.00 0.00	44.71 0.00 0.00
NYPA_BRENTWD____GT 24164	49.99 4.08 -0.01	46.22 3.50 0.00	45.99 3.21 0.00	45.39 3.13 0.00	47.14 3.45 0.00	48.98 4.04 -0.01	64.37 5.32 -0.01	74.23 4.53 0.00	72.34 4.41 0.00	67.94 4.14 0.00	66.99 4.38 0.00	66.48 4.35 0.00	67.58 4.30 0.00	68.80 4.68 0.00	72.65 4.56 0.00	78.01 3.85 0.00	84.40 6.68 -0.01	88.81 7.03 -0.01	80.26 6.36 -0.01	72.96 5.78 0.00	67.57 4.95 0.00	61.49 4.78 -0.47	57.58 4.46 -3.53	48.66 3.94 -0.01

NYPA_GOWANUS____GT5 24156	48.97	45.54	45.34	44.59	46.04	47.62	62.94	73.82	72.15	78.19	68.08	71.31	74.24	74.02	72.26	78.55	82.84	87.27	78.78	71.63	66.83	60.65	52.86	47.53
	3.08	2.82	2.57	2.32	2.36	2.70	3.90	4.11	4.21	4.21	4.07	3.35	3.48	4.11	4.15	4.37	5.13	5.48	4.88	4.43	4.20	3.94	3.27	2.82
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-10.19	-1.41	-5.82	-7.49	-5.79	-0.02	-0.02	0.00	-0.02	-0.01	-0.02	-0.02	-0.48	0.00	0.00
NYPA_GOWANUS____GT6 24157	48.97	45.54	45.34	44.59	46.04	47.62	62.94	73.82	72.15	78.19	68.08	71.31	74.24	74.02	72.26	78.55	82.84	87.27	78.78	71.63	66.83	60.65	52.86	47.53
	3.08	2.82	2.57	2.32	2.36	2.70	3.90	4.11	4.21	4.21	4.07	3.35	3.48	4.11	4.15	4.37	5.13	5.48	4.88	4.43	4.20	3.94	3.27	2.82
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-10.19	-1.41	-5.82	-7.49	-5.79	-0.02	-0.02	0.00	-0.02	-0.01	-0.02	-0.02	-0.48	0.00	0.00
NYPA_HARLEM__RVR__GT1 24160	48.83	45.41	45.26	44.46	45.91	47.48	62.71	73.54	72.01	68.90	66.81	66.42	67.78	68.70	72.11	78.31	82.52	86.93	78.41	71.29	66.58	60.48	52.76	47.44
	2.94	2.69	2.48	2.20	2.23	2.56	3.66	3.83	4.08	4.14	4.07	3.73	3.80	4.04	4.02	4.15	4.82	5.15	4.51	4.10	3.95	3.77	3.18	2.73
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.96	-0.13	-0.55	-0.71	-0.54	-0.01	-0.01	0.01	-0.01	0.00	-0.01	-0.01	-0.47	0.00	0.00
NYPA_HARLEM__RVR__GT2 24161	48.83	45.41	45.26	44.46	45.91	47.48	62.71	73.54	72.01	68.90	66.81	66.42	67.78	68.70	72.11	78.31	82.52	86.93	78.41	71.29	66.58	60.48	52.76	47.44
	2.94	2.69	2.48	2.20	2.23	2.56	3.66	3.83	4.08	4.14	4.07	3.73	3.80	4.04	4.02	4.15	4.82	5.15	4.51	4.10	3.95	3.77	3.18	2.73
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.96	-0.13	-0.55	-0.71	-0.54	-0.01	-0.01	0.01	-0.01	0.00	-0.01	-0.01	-0.47	0.00	0.00
NYPA_KENT____GT 24152	48.88	45.46	45.30	44.54	46.00	47.57	62.94	73.82	72.22	78.26	68.08	71.64	74.59	74.07	72.33	78.55	82.84	87.27	78.71	71.56	66.77	60.60	52.86	47.48
	2.98	2.74	2.52	2.28	2.31	2.65	3.90	4.11	4.28	4.27	4.07	3.60	3.73	4.17	4.22	4.37	5.13	5.48	4.80	4.36	4.13	3.88	3.27	2.77
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-10.19	-1.41	-5.90	-7.58	-5.79	-0.02	-0.02	0.00	-0.02	-0.01	-0.02	-0.02	-0.48	0.00	0.00
NYPA_POUCH1____GT 24155	48.97	45.58	45.39	44.59	46.09	47.57	62.88	73.68	72.02	78.07	67.90	70.98	73.90	73.89	72.12	78.40	82.76	87.18	78.71	71.56	66.77	60.60	52.86	47.53
	3.08	2.86	2.61	2.32	2.40	2.65	3.84	3.97	4.08	4.09	3.88	3.04	3.16	3.98	4.02	4.22	5.05	5.40	4.80	4.36	4.13	3.88	3.27	2.82
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-10.19	-1.41	-5.80	-7.46	-5.79	-0.02	-0.02	0.00	-0.02	-0.01	-0.02	-0.02	-0.48	0.00	0.00
NYPA_VERNON____GT2 24162	48.83	45.41	45.26	44.50	46.00	47.57	62.88	73.82	72.29	78.26	68.14	71.88	74.77	74.07	72.33	78.62	82.84	87.27	78.71	71.56	66.77	60.55	52.81	47.44
	2.94	2.69	2.48	2.24	2.31	2.65	3.84	4.11	4.35	4.27	4.13	3.85	3.92	4.17	4.22	4.45	5.13	5.48	4.80	4.36	4.13	3.83	3.22	2.73
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-10.19	-1.41	-5.89	-7.57	-5.79	-0.02	-0.02	0.00	-0.02	-0.01	-0.02	-0.02	-0.48	0.00	0.00
NYPA_VERNON____GT3 24163	48.83	45.41	45.26	44.50	46.00	47.57	62.88	73.82	72.29	78.26	68.14	71.88	74.77	74.07	72.33	78.62	82.84	87.27	78.71	71.56	66.77	60.55	52.81	47.44
	2.94	2.69	2.48	2.24	2.31	2.65	3.84	4.11	4.35	4.27	4.13	3.85	3.92	4.17	4.22	4.45	5.13	5.48	4.80	4.36	4.13	3.83	3.22	2.73
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-10.19	-1.41	-5.89	-7.57	-5.79	-0.02	-0.02	0.00	-0.02	-0.01	-0.02	-0.02	-0.48	0.00	0.00
NYPA____ASTORIA_CC1 323568	48.79	45.41	45.26	44.50	45.96	47.57	62.83	73.75	72.15	78.19	68.08	71.81	74.70	74.02	72.26	78.47	82.84	87.18	78.64	71.50	66.70	60.55	52.81	47.44
	2.89	2.69	2.48	2.24	2.27	2.65	3.78	4.04	4.21	4.21	4.07	3.79	3.86	4.11	4.15	4.30	5.13	5.40	4.73	4.30	4.07	3.83	3.22	2.73
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-10.19	-1.41	-5.88	-7.56	-5.79	-0.02	-0.02	0.00	-0.02	-0.01	-0.02	-0.02	-0.48	0.00	0.00
NYPA____ASTORIA_CC2 323569	48.79	45.41	45.26	44.50	45.96	47.57	62.83	73.75	72.15	78.19	68.08	71.81	74.70	74.02	72.26	78.47	82.84	87.18	78.64	71.50	66.70	60.55	52.81	47.44
	2.89	2.69	2.48	2.24	2.27	2.65	3.78	4.04	4.21	4.21	4.07	3.79	3.86	4.11	4.15	4.30	5.13	5.40	4.73	4.30	4.07	3.83	3.22	2.73
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-10.19	-1.41	-5.88	-7.56	-5.79	-0.02	-0.02	0.00	-0.02	-0.01	-0.02	-0.02	-0.48	0.00	0.00
NYPA____HOLTSVILL 23794	49.48	45.75	45.52	44.97	46.66	48.48	63.48	72.85	71.19	66.92	65.92	65.37	66.25	67.51	71.29	76.16	82.62	87.02	78.78	71.49	66.19	60.59	56.73	48.12
	3.58	3.03	2.74	2.71	2.97	3.55	4.43	3.14	3.26	3.13	3.32	3.23	2.97	3.40	3.20	2.00	4.90	5.24	4.88	4.30	3.57	3.88	3.67	3.40
	-0.01	0.00	0.00	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01	0.00	0.00	-0.47	-3.47	-0.01
NYPA____HELLGATE_GT1 24158	48.83	45.41	45.26	44.46	45.91	47.48	62.71	73.54	72.01	87.05	69.30	76.89	81.25	79.02	72.11	78.31	82.52	86.93	78.33	71.22	66.58	60.48	52.76	47.44
	2.94	2.69	2.48	2.20	2.23	2.56	3.66	3.83	4.08	4.14	4.07	3.73	3.80	4.04	4.02	4.15	4.82	5.15	4.43	4.03	3.95	3.77	3.18	2.73
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-19.11	-2.62	-11.03	-14.18	-10.86	-0.01	-0.01	0.01	-0.01	0.00	-0.01	-0.01	-0.47	0.00	0.00
NYPA____HELLGATE_GT2 24159	48.83	45.41	45.26	44.46	45.91	47.48	62.71	73.54	72.01	87.05	69.30	76.89	81.25	79.02	72.11	78.31	82.52	86.93	78.33	71.22	66.58	60.48	52.76	47.44
	2.94	2.69	2.48	2.20	2.23	2.56	3.66	3.83	4.08	4.14	4.07	3.73	3.80	4.04	4.02	4.15	4.82	5.15	4.43	4.03	3.95	3.77	3.18	2.73
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-19.11	-2.62	-11.03	-14.18	-10.86	-0.01	-0.01	0.01	-0.01	0.00	-0.01	-0.01	-0.47	0.00	0.00
NYS_BARGE____HYD 23848	45.11	41.87	41.45	41.08	42.64	42.72	55.74	65.87	63.24	60.09	59.16	59.09	59.73	60.34	64.00	69.85	72.27	76.37	69.02	62.68	58.05	51.53	46.56	42.66
	-0.78	-0.85	-1.33	-1.18	-1.05	-2.20	-3.31	-3.83	-4.69	-3.70	-3.44	-3.04	-3.54	-3.78	-4.08	-4.30	-5.44	-5.40	-4.88	-4.50	-4.57	-4.78	-3.03	-2.06
	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	-0.07	0.00	0.00
OAK ORCHARD____HYD 24046	45.21	41.95	42.01	41.54	43.12	43.71	57.45	68.11	65.89	62.45	61.42	61.45	62.20	62.84	66.86	72.67	75.69	79.64	71.91	65.23	60.56	54.38	48.05	43.64
	-0.69	-0.77	-0.77	-0.72	-0.57	-1.21	-1.59	-1.60	-2.04	-1.34	-1.19	-0.68	-1.08	-1.28	-1.22	-1.48	-2.02	-2.13	-1.99	-1.95	-2.06	-1.91	-1.54	-1.07
	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	-0.06	0.00	0.00

OAKDALE___35_KV_LOAD 356122	45.94 0.05 0.00	42.81 0.09 0.00	42.82 0.04 0.00	42.31 0.04 0.00	43.73 0.04 0.00	44.83 -0.09 0.00	59.10 0.06 0.00	69.78 0.07 0.00	67.72 -0.20 0.00	63.66 -0.13 0.00	62.54 -0.06 0.00	62.07 -0.06 0.00	63.09 -0.19 0.00	63.86 -0.26 0.00	67.88 -0.20 0.00	73.93 -0.22 0.00	77.24 -0.47 0.00	81.53 -0.25 0.00	73.60 -0.30 0.00	66.92 -0.27 0.00	62.24 -0.38 0.00	55.55 -0.84 -0.16	49.34 -0.25 0.00	44.58 -0.13 0.00
OCC_CHEM___DRP 24175	43.92 -1.97 0.00	40.80 -1.92 0.00	40.81 -1.97 0.00	40.45 -1.82 0.00	41.85 -1.83 0.00	41.96 -2.96 0.00	54.62 -4.43 0.00	64.48 -5.23 0.00	62.02 -5.91 0.00	59.07 -4.72 0.00	58.10 -4.51 0.00	58.04 -4.10 0.00	58.66 -4.62 0.00	59.25 -4.87 0.00	62.57 -5.52 0.00	68.30 -5.86 0.00	70.40 -7.30 0.00	74.66 -7.11 0.00	67.25 -6.65 0.00	61.14 -6.05 0.00	56.73 -5.89 0.00	50.63 -5.68 -0.07	45.62 -3.97 0.00	41.89 -2.82 0.00
OH_GEN_PROXY 24063	44.56 -1.33 0.00	41.40 -1.32 0.00	41.41 -1.37 0.00	41.00 -1.27 0.00	42.51 -1.18 0.00	42.58 -2.34 0.00	55.56 -3.48 0.00	70.14 -4.11 -4.54	59.84 -4.76 3.33	58.81 -3.76 1.22	58.97 -3.63 0.00	58.90 -3.23 0.00	59.60 -3.67 0.00	60.14 -3.98 0.00	63.80 -4.29 0.00	69.49 -4.67 0.00	71.96 -5.75 0.00	76.05 -5.73 0.00	68.65 -5.25 0.00	62.35 -4.84 0.00	57.80 -4.82 0.00	51.42 -4.89 -0.07	46.31 -3.27 0.00	42.48 -2.23 0.00
OLIN_CORP_DRP 24177	44.79 -1.10 0.00	41.57 -1.15 0.00	41.62 -1.15 0.00	41.21 -1.06 0.00	42.68 -1.00 0.00	42.18 -2.74 0.00	54.97 -4.07 0.00	64.90 -4.81 0.00	62.02 -5.91 0.00	59.07 -4.72 0.00	58.10 -4.51 0.00	58.04 -4.10 0.00	58.66 -4.62 0.00	59.25 -4.87 0.00	62.57 -5.52 0.00	68.67 -5.49 0.00	70.87 -6.84 0.00	75.15 -6.62 0.00	67.69 -6.21 0.00	61.54 -5.64 0.00	57.11 -5.51 0.00	50.86 -5.46 -0.07	45.87 -3.72 0.00	42.12 -2.59 0.00
OLIN_CORP_DSASP 323712	43.92 -1.97 0.00	40.80 -1.92 0.00	40.81 -1.97 0.00	40.45 -1.82 0.00	41.85 -1.83 0.00	41.96 -2.96 0.00	54.62 -4.43 0.00	64.48 -5.23 0.00	62.02 -5.91 0.00	59.07 -4.72 0.00	58.10 -4.51 0.00	58.04 -4.10 0.00	58.66 -4.62 0.00	59.25 -4.87 0.00	62.57 -5.52 0.00	68.30 -5.86 0.00	70.40 -7.30 0.00	74.66 -7.11 0.00	67.25 -6.65 0.00	61.14 -6.05 0.00	56.73 -5.89 0.00	50.63 -5.68 -0.07	45.62 -3.97 0.00	41.89 -2.82 0.00
ONEIDA_HERK_LFGE 323681	46.03 0.14 0.00	42.89 0.17 0.00	42.91 0.13 0.00	42.43 0.17 0.00	43.95 0.26 0.00	45.33 0.40 0.00	59.57 0.53 0.00	70.82 1.11 0.00	69.28 1.36 0.00	64.88 1.08 0.00	63.86 1.25 0.00	63.38 1.24 0.00	64.61 1.33 0.00	65.53 1.41 0.00	69.79 1.70 0.00	75.86 1.71 0.00	78.80 1.09 0.00	83.08 1.30 0.00	74.79 0.89 0.00	67.99 0.81 0.00	63.68 1.06 0.00	57.15 0.90 -0.02	50.18 0.60 0.00	45.25 0.54 0.00
ONEIDA___115KV_TB4 55905	46.63 0.73 0.00	43.49 0.77 0.00	43.50 0.73 0.00	42.98 0.72 0.00	44.52 0.83 0.00	45.87 0.94 0.00	60.40 1.36 0.00	71.80 2.09 0.00	69.89 1.97 0.00	65.51 1.72 0.00	64.36 1.75 0.00	63.94 1.80 0.00	65.05 1.77 0.00	65.98 1.86 0.00	70.27 2.18 0.00	76.31 2.15 0.00	79.65 1.94 0.00	83.98 2.21 0.00	75.60 1.70 0.00	68.80 1.61 0.00	64.19 1.57 0.00	57.50 1.24 -0.03	50.58 0.99 0.00	45.61 0.89 0.00
ONONDAGA_REF_OCCRA 23987	45.34 -0.55 0.00	42.21 -0.51 0.00	42.26 -0.51 0.00	41.76 -0.51 0.00	43.16 -0.52 0.00	44.38 -0.54 0.00	58.39 -0.65 0.00	68.73 -0.98 0.00	66.91 -1.02 0.00	62.90 -0.89 0.00	61.86 -0.75 0.00	61.45 -0.68 0.00	62.52 -0.76 0.00	63.28 -0.83 0.00	67.27 -0.82 0.00	73.19 -0.96 0.00	76.85 -0.85 0.00	81.04 -0.74 0.00	73.23 -0.67 0.00	66.58 -0.60 0.00	61.93 -0.69 0.00	55.44 -0.84 -0.05	48.99 -0.60 0.00	44.18 -0.54 0.00
ONONDAGA___COGEN 23986	45.34 -0.55 0.00	42.21 -0.51 0.00	42.26 -0.51 0.00	41.80 -0.46 0.00	43.16 -0.52 0.00	44.38 -0.54 0.00	58.39 -0.65 0.00	69.08 -0.63 0.00	67.25 -0.68 0.00	63.22 -0.57 0.00	62.17 -0.44 0.00	61.76 -0.37 0.00	62.83 -0.44 0.00	63.61 -0.51 0.00	67.61 -0.48 0.00	73.49 -0.67 0.00	76.93 -0.78 0.00	81.12 -0.65 0.00	73.23 -0.67 0.00	66.65 -0.54 0.00	61.93 -0.69 0.00	55.50 -0.79 -0.05	48.99 -0.60 0.00	44.18 -0.54 0.00
ONTARIO___LFGE 23819	45.35 -0.55 0.00	42.12 -0.60 0.00	42.18 -0.60 0.00	41.71 -0.55 0.00	43.21 -0.48 0.00	44.16 -0.76 0.00	58.22 -0.83 0.00	69.08 -0.63 0.00	67.04 -0.88 0.00	63.22 -0.58 0.00	62.17 -0.44 0.00	62.01 -0.12 0.00	62.90 -0.38 0.00	63.60 -0.52 0.00	67.68 -0.41 0.00	73.56 -0.60 0.00	76.78 -0.93 0.00	80.95 -0.82 0.00	73.02 -0.88 0.00	66.31 -0.88 0.00	61.62 -1.00 0.00	55.17 -1.12 -0.05	48.64 -0.94 0.00	44.04 -0.67 0.00
ORANGEVILLE_WT_PWR 323706	44.66 -1.24 0.00	41.48 -1.24 0.00	41.58 -1.20 0.00	41.21 -1.05 0.00	42.85 -0.83 0.00	43.26 -1.66 0.00	56.80 -2.24 0.00	66.99 -2.72 0.00	64.46 -3.46 0.00	60.99 -2.81 0.00	60.04 -2.57 0.00	59.90 -2.23 0.00	60.68 -2.60 0.00	61.30 -2.82 0.00	64.89 -3.20 0.00	70.67 -3.48 0.00	73.44 -4.27 0.00	77.60 -4.17 0.00	70.13 -3.77 0.00	63.62 -3.56 0.00	58.99 -3.63 0.00	51.77 -4.55 -0.09	47.11 -2.48 0.00	42.97 -1.74 0.00
ORANGEVILLE___ESR 323794	44.66 -1.24 0.00	41.48 -1.24 0.00	41.58 -1.20 0.00	41.21 -1.05 0.00	42.85 -0.83 0.00	43.26 -1.66 0.00	56.80 -2.24 0.00	66.99 -2.72 0.00	64.46 -3.46 0.00	60.99 -2.81 0.00	60.04 -2.57 0.00	59.90 -2.23 0.00	60.68 -2.60 0.00	61.30 -2.82 0.00	64.89 -3.20 0.00	70.67 -3.48 0.00	73.44 -4.27 0.00	77.60 -4.17 0.00	70.13 -3.77 0.00	63.62 -3.56 0.00	58.99 -3.63 0.00	51.77 -4.55 -0.09	47.11 -2.48 0.00	42.97 -1.74 0.00
OSWEGATCHIE___HYD 24044	43.65 -2.25 0.00	40.71 -2.01 0.00	40.77 -2.01 0.00	40.61 -1.65 0.00	42.12 -1.57 0.00	43.31 -1.62 0.00	56.57 -2.48 0.00	67.47 -2.23 0.00	66.43 -1.49 0.00	62.07 -1.72 0.00	61.42 -1.19 0.00	61.27 -0.87 0.00	62.71 -0.57 0.00	63.80 -0.32 0.00	67.75 -0.34 0.00	73.71 -0.44 0.00	75.30 -2.41 0.00	79.40 -2.37 0.00	71.31 -2.59 0.00	64.77 -2.42 0.00	61.43 -1.19 0.00	55.52 -0.73 -0.01	48.79 -0.80 0.00	44.22 -0.49 0.00
OSWEGO___5 23606	44.61 -1.28 0.00	41.52 -1.20 0.00	41.58 -1.20 0.00	41.08 -1.18 0.00	42.46 -1.22 0.00	43.62 -1.30 0.00	57.33 -1.71 0.00	67.89 -1.81 0.00	66.09 -1.83 0.00	62.07 -1.72 0.00	60.98 -1.63 0.00	60.59 -1.55 0.00	61.70 -1.58 0.00	62.45 -1.67 0.00	66.39 -1.70 0.00	72.16 -2.00 0.00	75.45 -2.26 0.00	79.48 -2.29 0.00	71.83 -2.07 0.00	65.23 -1.95 0.00	60.74 -1.88 0.00	54.53 -1.74 -0.04	48.10 -1.49 0.00	43.41 -1.30 0.00
OSWEGO___6 23613	44.61 -1.28 0.00	41.52 -1.20 0.00	41.58 -1.20 0.00	41.08 -1.18 0.00	42.46 -1.22 0.00	43.62 -1.30 0.00	57.33 -1.71 0.00	67.89 -1.81 0.00	66.09 -1.83 0.00	62.07 -1.72 0.00	60.98 -1.63 0.00	60.59 -1.55 0.00	61.70 -1.58 0.00	62.45 -1.67 0.00	66.39 -1.70 0.00	72.16 -2.00 0.00	75.45 -2.26 0.00	79.48 -2.29 0.00	71.83 -2.07 0.00	65.23 -1.95 0.00	60.74 -1.88 0.00	54.53 -1.74 -0.04	48.10 -1.49 0.00	43.41 -1.30 0.00

OUTOKUMPU-AB___DRP 24206	44.98 -0.92 0.00	41.74 -0.98 0.00	41.79 -0.98 0.00	41.42 -0.85 0.00	42.90 -0.79 0.00	42.95 -1.98 0.00	56.09 -2.95 0.00	66.22 -3.49 0.00	63.71 -4.21 0.00	60.60 -3.19 0.00	59.73 -2.88 0.00	59.59 -2.55 0.00	60.24 -3.04 0.00	60.91 -3.21 0.00	64.34 -3.74 0.00	70.15 -4.00 0.00	72.35 -5.36 0.00	76.70 -5.07 0.00	69.17 -4.73 0.00	62.88 -4.30 0.00	58.36 -4.26 0.00	51.70 -4.61 -0.07	46.86 -2.73 0.00	42.92 -1.79 0.00
OXBOW___BTM 323836	44.52 -1.38 0.00	41.31 -1.41 0.00	41.79 -0.98 0.00	41.37 -0.89 0.00	42.94 -0.74 0.00	42.50 -2.43 0.00	55.44 -3.60 0.00	65.45 -4.25 0.00	63.03 -4.89 0.00	59.97 -3.83 0.00	59.04 -3.57 0.00	58.97 -3.17 0.00	59.60 -3.67 0.00	60.27 -3.85 0.00	63.87 -4.22 0.00	69.49 -4.67 0.00	71.88 -5.83 0.00	75.88 -5.89 0.00	68.58 -5.32 0.00	62.28 -4.90 0.00	57.67 -4.95 0.00	51.25 -5.06 -0.07	46.31 -3.27 0.00	42.48 -2.23 0.00
OXBOW___ 24026	44.52 -1.38 0.00	41.31 -1.41 0.00	41.37 -1.41 0.00	40.95 -1.31 0.00	42.46 -1.22 0.00	42.50 -2.43 0.00	55.44 -3.60 0.00	65.45 -4.25 0.00	63.03 -4.89 0.00	59.96 -3.83 0.00	59.04 -3.57 0.00	58.97 -3.17 0.00	59.61 -3.67 0.00	60.21 -3.91 0.00	63.59 -4.49 0.00	69.33 -4.82 0.00	71.49 -6.22 0.00	75.80 -5.97 0.00	68.36 -5.54 0.00	62.15 -5.04 0.00	57.67 -4.95 0.00	51.25 -5.06 -0.07	46.31 -3.27 0.00	42.48 -2.24 0.00
OXY_CHEM_DSASP 323612	43.92 -1.97 0.00	40.80 -1.92 0.00	40.81 -1.97 0.00	40.45 -1.82 0.00	41.85 -1.83 0.00	41.96 -2.96 0.00	54.62 -4.43 0.00	64.48 -5.23 0.00	62.02 -5.91 0.00	59.07 -4.72 0.00	58.10 -4.51 0.00	58.04 -4.10 0.00	58.66 -4.62 0.00	59.25 -4.87 0.00	62.57 -5.52 0.00	68.30 -5.86 0.00	70.40 -7.30 0.00	74.66 -7.11 0.00	67.25 -6.65 0.00	61.14 -6.05 0.00	56.73 -5.89 0.00	50.63 -5.68 -0.07	45.62 -3.97 0.00	41.89 -2.82 0.00
OZONE_PARK_ESR 323760	48.88 2.98 0.00	45.50 2.78 0.00	45.39 2.61 0.00	44.63 2.37 0.00	46.13 2.45 0.00	47.75 2.83 0.00	63.18 4.13 0.00	74.38 4.67 0.00	72.76 4.82 -0.02	78.55 4.72 -10.04	68.50 4.51 -1.39	72.34 4.41 -5.80	75.16 4.43 -7.45	74.38 4.55 -5.71	72.80 4.70 -0.02	79.14 4.97 -0.02	83.54 5.83 0.00	87.92 6.13 -0.02	79.37 5.47 0.00	72.10 4.90 -0.02	67.14 4.51 -0.02	60.82 4.11 -0.48	53.01 3.42 0.00	47.57 2.86 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	43.92 -1.97 0.00	40.80 -1.92 0.00	40.81 -1.97 0.00	40.45 -1.82 0.00	41.85 -1.83 0.00	41.96 -2.96 0.00	54.62 -4.43 0.00	64.48 -5.23 0.00	62.02 -5.91 0.00	59.07 -4.72 0.00	58.10 -4.51 0.00	58.04 -4.10 0.00	58.66 -4.62 0.00	59.25 -4.87 0.00	62.57 -5.52 0.00	68.30 -5.86 0.00	70.40 -7.30 0.00	74.66 -7.11 0.00	67.25 -6.65 0.00	61.14 -6.05 0.00	56.73 -5.89 0.00	50.63 -5.68 -0.07	45.62 -3.97 0.00	41.89 -2.82 0.00
PACKARD___115KV_DUPONT_184 80571	43.92 -1.97 0.00	40.80 -1.92 0.00	41.53 -1.24 0.00	41.12 -1.14 0.00	42.64 -1.05 0.00	41.96 -2.97 0.00	54.61 -4.43 0.00	64.48 -5.23 0.00	62.08 -5.84 0.00	59.07 -4.72 0.00	58.10 -4.51 0.00	58.03 -4.10 0.00	58.72 -4.56 0.00	59.31 -4.81 0.00	62.85 -5.24 0.00	68.37 -5.78 0.00	70.72 -6.99 0.00	74.74 -7.03 0.00	67.47 -6.43 0.00	61.27 -5.91 0.00	56.80 -5.82 0.00	50.63 -5.68 -0.07	45.62 -3.97 0.00	41.85 -2.86 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	48.74 2.85 0.00	45.33 2.61 0.00	45.17 2.40 0.00	44.38 2.11 0.00	45.87 2.18 0.00	47.39 2.47 0.00	62.65 3.60 0.00	73.47 3.76 0.00	71.88 3.94 -0.02	67.70 3.89 -0.02	66.37 3.76 -0.01	65.62 3.48 -0.01	66.77 3.48 -0.01	67.85 3.72 -0.01	71.98 3.88 -0.02	78.18 4.00 -0.02	82.53 4.82 0.00	86.78 4.99 -0.02	78.33 4.43 0.00	71.16 3.96 -0.02	66.39 3.76 -0.02	60.26 3.54 -0.48	52.66 3.07 0.00	47.31 2.59 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	49.38 3.49 0.00	45.92 3.20 0.00	45.77 2.99 0.00	44.97 2.70 0.00	46.44 2.75 0.00	47.98 3.05 0.00	63.47 4.43 0.00	74.45 4.74 0.00	72.76 4.82 -0.02	68.53 4.72 -0.02	67.18 4.57 -0.01	66.37 4.23 -0.01	67.53 4.24 -0.01	68.68 4.55 -0.01	72.80 4.70 -0.02	79.07 4.89 -0.02	83.38 5.67 0.00	87.84 6.05 -0.02	79.22 5.32 0.00	71.97 4.77 -0.02	67.15 4.51 -0.02	60.88 4.16 -0.48	53.26 3.67 0.00	47.89 3.17 0.00
PATROON___115KV_TB1 80586	47.41 1.51 0.00	44.17 1.45 0.00	44.23 1.45 0.00	43.70 1.44 0.00	45.13 1.44 0.00	46.45 1.53 0.00	60.81 1.77 0.00	71.66 1.95 0.00	69.89 1.97 0.00	65.51 1.72 0.00	64.23 1.63 0.00	63.57 1.43 0.00	64.86 1.58 0.00	65.79 1.67 0.00	69.72 1.63 0.00	76.08 1.93 0.00	80.04 2.33 0.00	84.14 2.37 0.00	76.12 2.22 0.00	69.13 1.95 0.00	64.56 1.94 0.00	58.50 1.69 -0.58	50.98 1.39 0.00	46.05 1.34 0.00
PATTRSNVILLE___SOLAR 323815	47.27 1.38 0.00	43.96 1.24 0.00	44.06 1.28 0.00	43.49 1.23 0.00	45.00 1.31 0.00	46.40 1.48 0.00	60.93 1.89 0.00	71.73 2.02 0.00	69.55 1.63 0.00	64.75 0.96 0.00	63.48 0.88 0.00	62.82 0.68 0.00	64.04 0.76 0.00	65.08 0.96 0.00	69.24 1.16 0.00	75.86 1.71 0.00	79.73 2.02 0.00	84.06 2.29 0.00	76.11 2.21 0.00	69.13 1.95 0.00	64.62 2.00 0.00	58.71 1.85 -0.62	51.13 1.54 0.00	45.96 1.25 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	45.25 -0.64 0.00	42.04 -0.68 0.00	42.05 -0.73 0.00	41.67 -0.59 0.00	43.16 -0.52 0.00	43.48 -1.44 0.00	57.15 -1.89 0.00	67.41 -2.30 0.00	64.73 -3.19 0.00	61.37 -2.42 0.00	60.48 -2.13 0.00	60.27 -1.86 0.00	61.00 -2.28 0.00	61.62 -2.50 0.00	65.16 -2.93 0.00	71.04 -3.11 0.00	73.51 -4.20 0.00	77.93 -3.84 0.00	70.28 -3.62 0.00	63.89 -3.29 0.00	59.24 -3.38 0.00	50.86 -5.46 -0.08	47.51 -2.08 0.00	43.37 -1.34 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	48.51 2.62 0.00	45.24 2.52 0.00	45.22 2.44 0.00	44.59 2.32 0.00	46.09 2.40 0.00	47.48 2.56 0.00	62.65 3.60 0.00	73.61 3.90 0.00	72.14 4.21 0.00	68.00 4.21 0.00	66.55 3.94 0.00	65.93 3.79 0.00	67.14 3.86 0.00	68.16 4.04 0.00	72.31 4.22 0.00	78.68 4.52 0.00	82.99 5.28 0.00	87.09 5.32 0.00	78.63 4.73 0.00	71.55 4.37 0.00	66.63 4.01 0.00	60.25 3.54 -0.47	52.46 2.88 0.00	47.08 2.37 0.00
PEEKSKILL___ 23653	48.19 2.29 0.00	44.90 2.18 0.00	44.79 2.01 0.00	44.17 1.90 0.00	45.56 1.88 0.00	47.12 2.20 0.00	62.11 3.07 0.00	72.98 3.28 0.00	71.39 3.46 0.00	67.17 3.38 0.00	65.86 3.25 0.00	65.24 3.11 0.00	66.50 3.23 0.00	67.39 3.27 0.00	71.42 3.34 0.00	77.64 3.49 0.00	81.90 4.19 0.00	86.18 4.41 0.00	77.81 3.91 0.00	70.74 3.56 0.00	65.87 3.25 0.00	59.73 3.03 -0.46	52.12 2.53 0.00	46.81 2.10 0.00
PGE MADISON___WINDPWR 24146	47.73 1.84 0.00	44.60 1.88 0.00	44.49 1.71 0.00	43.91 1.65 0.00	45.61 1.92 0.00	47.21 2.29 0.00	62.59 3.54 0.00	74.73 5.02 0.00	72.41 4.48 0.00	67.81 4.02 0.00	66.80 4.19 0.00	66.18 4.04 0.00	67.20 3.92 0.00	68.16 4.04 0.00	72.92 4.83 0.00	79.20 5.04 0.00	82.92 5.21 0.00	87.66 5.89 0.00	78.55 4.66 0.00	71.62 4.43 0.00	66.82 4.20 0.00	59.32 2.92 -0.15	52.07 2.48 0.00	46.99 2.28 0.00

PIERCEFIELD___HYD 23852	43.05 -2.85 0.00	40.11 -2.61 0.00	40.21 -2.57 0.00	40.32 -1.94 0.00	41.81 -1.88 0.00	42.86 -2.07 0.00	56.03 -3.01 0.00	66.85 -2.86 0.00	65.89 -2.04 0.00	61.75 -2.04 0.00	60.92 -1.69 0.00	61.02 -1.12 0.00	62.58 -0.70 0.00	63.80 -0.32 0.00	67.54 -0.54 0.00	73.56 -0.59 0.00	75.07 -2.64 0.00	78.83 -2.94 0.00	70.80 -3.10 0.00	64.16 -3.02 0.00	60.80 -1.82 0.00	55.29 -0.96 -0.01	48.84 -0.74 0.00	44.49 -0.22 0.00
PINELAWN_CC_1 323563	49.53 3.62 -0.01	45.84 3.12 0.00	45.64 2.87 0.00	45.05 2.79 0.00	46.74 3.06 0.00	48.48 3.55 -0.01	63.78 4.73 -0.01	73.68 3.97 0.00	71.79 3.87 0.00	67.49 3.70 0.00	66.49 3.88 0.00	66.05 3.92 0.00	67.14 3.86 0.00	68.28 4.17 0.00	72.10 4.02 0.00	77.57 3.41 0.00	83.70 5.98 -0.01	88.16 6.38 -0.01	79.68 5.77 -0.01	72.43 5.24 0.00	67.07 4.45 0.00	61.04 4.33 -0.47	57.20 3.92 -3.69	48.16 3.44 -0.01
PJM_GEN_HTTP_PROXY 323702	48.46 2.57 0.00	45.11 2.39 0.00	45.00 2.22 0.00	44.33 2.07 0.00	45.74 2.05 0.00	47.39 2.47 0.00	62.59 3.54 0.00	78.15 3.90 -4.54	68.74 4.14 3.33	67.18 4.09 0.69	66.56 3.88 -0.07	66.23 3.79 -0.30	67.52 3.86 -0.39	68.33 3.91 -0.30	72.04 3.95 0.00	78.23 4.08 0.00	82.61 4.90 0.00	87.01 5.24 0.00	78.48 4.58 0.00	71.35 4.17 0.00	66.44 3.82 0.00	60.25 3.55 -0.47	52.46 2.87 0.00	47.17 2.46 0.00
PJM_GEN_KEystone 24065	46.40 0.51 0.00	43.23 0.51 0.00	43.16 0.38 0.00	42.60 0.34 0.00	43.99 0.31 0.00	45.15 0.23 0.00	59.40 0.36 0.00	74.39 0.14 -4.54	64.40 -0.20 3.33	63.34 0.06 0.51	60.70 0.00 1.91	59.26 0.06 2.94	58.50 0.00 4.78	59.38 -0.06 4.67	60.50 -0.27 7.32	67.24 -0.30 6.62	74.14 -0.31 3.26	81.69 -0.08 0.00	73.75 -0.15 0.00	67.05 -0.13 0.00	60.61 -0.37 1.64	55.09 -0.84 0.31	49.54 -0.05 0.00	44.80 0.09 0.00
PJM_GEN_NEPTUNE_PROXY 323594	48.84 2.94 -0.01	45.33 2.61 0.00	45.13 2.35 0.00	44.54 2.28 0.00	46.18 2.49 0.00	47.81 2.88 -0.01	62.83 3.78 -0.01	77.31 3.06 -4.54	67.66 3.06 3.33	65.58 3.00 1.22	65.80 3.19 0.00	65.30 3.17 0.00	66.38 3.79 0.00	67.51 3.92 0.00	71.29 3.10 0.00	76.68 3.88 0.00	82.46 4.74 -0.01	86.85 5.07 -0.01	78.42 4.51 -0.01	71.28 4.10 0.00	66.19 3.57 0.00	60.14 3.43 -0.47	56.03 3.08 -3.36	47.45 2.73 -0.01
PJM_GEN_VFT_PROXY 323633	48.37 2.48 0.00	45.03 2.31 0.00	44.91 2.14 0.00	44.21 1.95 0.00	45.65 1.97 0.00	47.26 2.33 0.00	62.53 3.48 0.00	78.08 3.83 -4.54	68.69 4.08 3.31	76.64 4.02 -8.83	67.81 3.82 -1.39	71.72 3.79 -5.80	74.65 3.92 -7.45	73.67 3.85 -5.71	71.98 3.88 -0.02	78.25 4.08 -0.02	82.53 4.82 0.00	86.94 5.15 -0.02	78.42 4.51 -0.01	71.30 4.10 -0.02	66.39 3.76 -0.02	60.21 3.49 -0.48	52.46 2.87 0.00	47.12 2.41 0.00
PLATSBURG_115KV_PMLD1 355749	42.91 -2.98 0.00	39.99 -2.73 0.00	40.17 -2.61 0.00	40.36 -1.90 0.00	41.90 -1.79 0.00	43.22 -1.71 0.00	56.86 -2.18 0.00	67.75 -1.95 0.00	66.63 -1.29 0.00	62.64 -1.15 0.00	61.86 -0.75 0.00	61.95 -0.19 0.00	63.59 0.32 0.00	64.76 0.64 0.00	68.56 0.48 0.00	74.90 0.74 0.00	76.62 -1.09 0.00	80.54 -1.23 0.00	72.27 -1.63 0.00	65.50 -1.68 0.00	61.87 -0.75 0.00	56.07 -0.17 0.00	49.49 -0.10 0.00	44.80 0.09 0.00
PLEASANTVLY___LBMP 24000	48.01 2.11 0.00	44.69 1.97 0.00	44.62 1.84 0.00	44.04 1.78 0.00	45.43 1.75 0.00	46.94 2.02 0.00	61.88 2.83 0.00	72.77 3.07 0.00	71.12 3.19 0.00	66.85 3.06 0.00	65.49 2.88 0.00	64.87 2.73 0.00	66.06 2.78 0.00	67.00 2.89 0.00	71.08 3.00 0.00	77.34 3.19 0.00	81.60 3.89 0.00	85.78 4.01 0.00	77.45 3.55 0.00	70.41 3.22 0.00	65.63 3.01 0.00	59.48 2.76 -0.48	51.87 2.28 0.00	46.63 1.92 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	48.37 2.48 0.00	45.03 2.31 0.00	44.92 2.14 0.00	44.29 2.03 0.00	45.74 2.05 0.00	47.26 2.34 0.00	62.35 3.31 0.00	73.33 3.62 0.00	71.73 3.80 0.00	67.49 3.70 0.00	66.11 3.51 0.00	65.55 3.42 0.00	66.76 3.48 0.00	67.71 3.59 0.00	71.76 3.68 0.00	78.01 3.86 0.00	82.37 4.66 0.00	86.60 4.82 0.00	78.19 4.29 0.00	71.08 3.90 0.00	66.19 3.57 0.00	59.97 3.26 -0.47	52.32 2.73 0.00	46.99 2.28 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	48.37 2.48 0.00	45.03 2.31 0.00	44.92 2.14 0.00	44.29 2.03 0.00	45.74 2.05 0.00	47.26 2.34 0.00	62.35 3.31 0.00	73.33 3.62 0.00	71.73 3.80 0.00	67.49 3.70 0.00	66.11 3.51 0.00	65.55 3.42 0.00	66.76 3.48 0.00	67.71 3.59 0.00	71.76 3.68 0.00	78.01 3.86 0.00	82.37 4.66 0.00	86.60 4.82 0.00	78.19 4.29 0.00	71.08 3.90 0.00	66.19 3.57 0.00	59.97 3.26 -0.47	52.32 2.73 0.00	46.99 2.28 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	48.23 2.34 0.00	44.94 2.22 0.00	44.92 2.14 0.00	44.29 2.03 0.00	45.78 2.10 0.00	47.21 2.29 0.00	62.17 3.13 0.00	73.26 3.56 0.00	71.59 3.67 0.00	67.36 3.57 0.00	65.86 3.26 0.00	65.24 3.11 0.00	66.50 3.23 0.00	67.52 3.40 0.00	71.63 3.54 0.00	77.86 3.71 0.00	82.14 4.43 0.00	86.35 4.58 0.00	78.04 4.14 0.00	70.95 3.76 0.00	66.00 3.38 0.00	59.81 3.09 -0.48	52.17 2.58 0.00	46.86 2.15 0.00
POLETTI_____ 23519	48.33 2.43 0.00	44.94 2.22 0.00	44.74 1.97 0.00	43.95 1.69 0.00	45.43 1.75 0.00	46.94 2.02 0.00	62.05 3.01 0.00	72.77 3.07 0.00	71.34 3.40 -0.02	77.33 3.51 -10.03	67.36 3.38 -1.38	71.03 3.11 -5.79	73.82 3.10 -7.44	73.15 3.33 -5.70	71.51 3.40 -0.02	77.73 3.56 -0.02	81.75 4.04 0.00	86.04 4.25 -0.02	77.59 3.69 0.00	70.49 3.29 -0.02	65.89 3.26 -0.02	59.87 3.15 -0.48	52.22 2.63 0.00	46.90 2.19 0.00
POMONA___ESR 323819	48.19 2.29 0.00	44.90 2.18 0.00	44.79 2.01 0.00	44.12 1.86 0.00	45.56 1.88 0.00	47.12 2.20 0.00	61.99 2.95 0.00	72.91 3.21 0.00	71.25 3.33 0.00	67.04 3.25 0.00	65.67 3.07 0.00	65.12 2.98 0.00	66.38 3.10 0.00	67.32 3.20 0.00	71.29 3.20 0.00	77.41 3.26 0.00	81.75 4.04 0.00	86.02 4.25 0.00	77.67 3.77 0.00	70.61 3.42 0.00	65.69 3.07 0.00	59.56 2.87 -0.45	52.02 2.43 0.00	46.77 2.06 0.00
PORT_JEFF_3 23555	49.53 3.62 -0.01	45.80 3.08 0.00	45.56 2.78 0.00	44.97 2.71 0.00	46.70 3.01 0.00	48.48 3.55 -0.01	63.54 4.49 -0.01	72.77 3.06 0.00	71.19 3.26 0.00	66.98 3.19 0.00	65.86 3.25 0.00	65.43 3.29 0.00	66.19 2.91 0.00	67.45 3.33 0.00	71.15 3.07 0.00	75.93 1.78 0.00	82.30 4.58 -0.01	86.69 4.91 -0.01	78.64 4.73 -0.01	71.42 4.24 0.00	66.19 3.57 0.00	60.65 3.94 -0.47	56.78 3.72 -3.47	48.16 3.44 -0.01
PORT_JEFF_4 23616	49.53 3.62 -0.01	45.80 3.08 0.00	45.56 2.78 0.00	44.97 2.71 0.00	46.70 3.01 0.00	48.48 3.55 -0.01	63.54 4.49 -0.01	72.77 3.06 0.00	71.19 3.26 0.00	66.98 3.19 0.00	65.86 3.25 0.00	65.43 3.29 0.00	66.19 2.91 0.00	67.45 3.33 0.00	71.15 3.07 0.00	75.93 1.78 0.00	82.30 4.58 -0.01	86.69 4.91 -0.01	78.64 4.73 -0.01	71.42 4.24 0.00	66.19 3.57 0.00	60.65 3.94 -0.47	56.78 3.72 -3.47	48.16 3.44 -0.01

PORT_JEFF_IC 23713	49.57 3.67 -0.01	45.84 3.12 0.00	45.60 2.82 0.00	45.05 2.79 0.00	46.79 3.10 0.00	48.57 3.64 -0.01	63.66 4.61 -0.01	73.05 3.35 0.00	70.91 2.99 0.00	67.24 3.44 0.00	66.05 3.44 0.00	65.55 3.42 0.00	66.25 2.97 0.00	67.64 3.53 0.00	71.36 3.27 0.00	76.53 2.37 0.00	82.85 5.13 -0.01	86.69 4.91 -0.01	79.15 5.25 -0.01	71.55 4.37 0.00	66.38 3.76 0.00	60.76 4.05 -0.47	56.89 3.82 -3.48	48.21 3.49 -0.01
PPL PILGRIM_ST_GT1 24216	49.99 4.08 -0.01	46.22 3.50 0.00	45.99 3.21 0.00	45.39 3.13 0.00	47.14 3.45 0.00	48.98 4.04 -0.01	64.37 5.32 -0.01	74.23 4.53 0.00	72.34 4.41 0.00	67.94 4.14 0.00	66.99 4.38 0.00	66.48 4.35 0.00	67.58 4.30 0.00	68.80 4.68 0.00	72.65 4.56 0.00	78.01 3.85 0.00	84.40 6.68 -0.01	88.81 7.03 -0.01	80.26 6.36 -0.01	72.96 5.78 0.00	67.57 4.95 0.00	61.49 4.78 -0.47	57.58 4.46 -3.53	48.66 3.94 -0.01
PPL PILGRIM_ST_GT2 24217	49.99 4.08 -0.01	46.22 3.50 0.00	45.99 3.21 0.00	45.39 3.13 0.00	47.14 3.45 0.00	48.98 4.04 -0.01	64.37 5.32 -0.01	74.23 4.53 0.00	72.34 4.41 0.00	67.94 4.14 0.00	66.99 4.38 0.00	66.48 4.35 0.00	67.58 4.30 0.00	68.80 4.68 0.00	72.65 4.56 0.00	78.01 3.85 0.00	84.40 6.68 -0.01	88.81 7.03 -0.01	80.26 6.36 -0.01	72.96 5.78 0.00	67.57 4.95 0.00	61.49 4.78 -0.47	57.58 4.46 -3.53	48.66 3.94 -0.01
PPL_SHRM_GT3 24213	49.94 4.04 -0.01	46.09 3.37 0.00	45.86 3.08 0.00	45.31 3.04 0.00	47.00 3.32 0.00	48.88 3.95 -0.01	64.13 5.08 -0.01	73.54 3.83 0.00	71.79 3.87 0.00	67.55 3.76 0.00	66.62 4.01 0.00	65.68 3.54 0.00	66.19 2.91 0.00	67.90 3.78 0.00	71.63 3.54 0.00	75.64 1.48 0.00	83.62 5.90 -0.01	88.08 6.30 -0.01	79.74 5.84 -0.01	71.89 4.70 0.00	66.13 3.50 0.00	60.82 4.10 -0.47	56.74 3.67 -3.48	48.48 3.76 -0.01
PPL_SHRM_GT4 24214	49.94 4.04 -0.01	46.09 3.37 0.00	45.86 3.08 0.00	45.31 3.04 0.00	47.00 3.32 0.00	48.88 3.95 -0.01	64.13 5.08 -0.01	73.54 3.83 0.00	71.79 3.87 0.00	67.55 3.76 0.00	66.62 4.01 0.00	65.68 3.54 0.00	66.19 2.91 0.00	67.90 3.78 0.00	71.63 3.54 0.00	75.64 1.48 0.00	83.62 5.90 -0.01	88.08 6.30 -0.01	79.74 5.84 -0.01	71.89 4.70 0.00	66.13 3.50 0.00	60.82 4.10 -0.47	56.74 3.67 -3.48	48.48 3.76 -0.01
PROJECT___ORANGE 1 24174	45.16 -0.73 0.00	42.04 -0.68 0.00	42.09 -0.68 0.00	41.59 -0.68 0.00	42.99 -0.70 0.00	44.16 -0.76 0.00	58.04 -1.00 0.00	68.66 -1.05 0.00	66.84 -1.09 0.00	62.83 -0.96 0.00	61.79 -0.81 0.00	61.39 -0.75 0.00	62.45 -0.82 0.00	63.22 -0.90 0.00	67.20 -0.89 0.00	73.12 -1.04 0.00	76.47 -1.24 0.00	80.54 -1.23 0.00	72.79 -1.11 0.00	66.18 -1.01 0.00	61.56 -1.06 0.00	55.16 -1.12 -0.04	48.70 -0.89 0.00	43.95 -0.76 0.00
PROJECT___ORANGE 2 24166	45.16 -0.73 0.00	42.04 -0.68 0.00	42.09 -0.68 0.00	41.59 -0.68 0.00	42.99 -0.70 0.00	44.16 -0.76 0.00	58.04 -1.00 0.00	68.66 -1.05 0.00	66.84 -1.09 0.00	62.83 -0.96 0.00	61.79 -0.81 0.00	61.39 -0.75 0.00	62.45 -0.82 0.00	63.22 -0.90 0.00	67.20 -0.89 0.00	73.12 -1.04 0.00	76.47 -1.24 0.00	80.54 -1.23 0.00	72.79 -1.11 0.00	66.18 -1.01 0.00	61.56 -1.06 0.00	55.16 -1.12 -0.04	48.70 -0.89 0.00	43.95 -0.76 0.00
PUCKETT___SOLAR 323809	46.49 0.60 0.00	43.32 0.60 0.00	43.33 0.55 0.00	42.81 0.55 0.00	44.30 0.61 0.00	45.50 0.58 0.00	60.11 1.06 0.00	71.10 1.39 0.00	68.95 1.02 0.00	64.68 0.89 0.00	63.55 0.94 0.00	63.07 0.93 0.00	64.16 0.89 0.00	64.95 0.83 0.00	69.17 1.09 0.00	75.41 1.26 0.00	78.88 1.17 0.00	83.24 1.47 0.00	75.08 1.18 0.00	68.33 1.14 0.00	63.56 0.94 0.00	56.57 0.17 -0.16	50.08 0.50 0.00	45.25 0.54 0.00
PYRITES___HYD 24023	43.69 -2.20 0.00	40.80 -1.92 0.00	40.85 -1.92 0.00	41.00 -1.27 0.00	42.51 -1.18 0.00	43.71 -1.21 0.00	57.27 -1.77 0.00	68.45 -1.25 0.00	67.18 -0.75 0.00	62.71 -1.08 0.00	61.79 -0.81 0.00	61.89 -0.25 0.00	63.47 0.19 0.00	64.70 0.58 0.00	68.56 0.48 0.00	74.75 0.59 0.00	76.47 -1.24 0.00	80.63 -1.14 0.00	72.42 -1.48 0.00	65.77 -1.41 0.00	62.31 -0.31 0.00	56.53 0.28 -0.01	49.84 0.25 0.00	45.29 0.58 0.00
QUAKERRD_115KV_BK1 80622	44.24 -1.65 0.00	41.05 -1.67 0.00	41.11 -1.67 0.00	40.66 -1.61 0.00	42.11 -1.57 0.00	42.86 -2.07 0.00	56.33 -2.72 0.00	66.78 -2.93 0.00	64.73 -3.19 0.00	61.30 -2.49 0.00	60.23 -2.38 0.00	60.27 -1.86 0.00	61.00 -2.28 0.00	61.68 -2.44 0.00	65.57 -2.52 0.00	71.26 -2.89 0.00	74.13 -3.57 0.00	78.17 -3.60 0.00	70.43 -3.47 0.00	64.03 -3.16 0.00	59.49 -3.13 0.00	53.48 -2.81 -0.05	47.16 -2.43 0.00	42.79 -1.92 0.00
QUENSBRY_115KV_TB8 356137	49.20 3.30 0.00	45.71 2.99 0.00	45.81 3.04 0.00	45.31 3.04 0.00	46.79 3.10 0.00	48.29 3.37 0.00	62.23 3.19 0.00	73.19 3.49 0.00	71.25 3.33 0.00	66.47 2.68 0.00	65.36 2.75 0.00	64.56 2.42 0.00	65.81 2.53 0.00	66.62 2.50 0.00	70.54 2.45 0.00	76.90 2.74 0.00	80.82 3.11 0.00	85.37 3.60 0.00	77.30 3.40 0.00	69.94 2.75 0.00	65.88 3.26 0.00	60.94 4.11 -0.60	53.21 3.62 0.00	47.80 3.09 0.00
RAMAPO___LBMP 323565	48.05 2.16 0.00	44.73 2.01 0.00	44.66 1.88 0.00	44.00 1.73 0.00	45.43 1.75 0.00	46.94 2.02 0.00	61.88 2.83 0.00	72.77 3.07 0.00	71.05 3.12 0.00	66.85 3.06 0.00	65.42 2.82 0.00	64.87 2.73 0.00	66.06 2.78 0.00	67.00 2.89 0.00	71.08 3.00 0.00	77.27 3.11 0.00	81.52 3.81 0.00	85.78 4.01 0.00	77.37 3.47 0.00	70.34 3.16 0.00	65.50 2.88 0.00	59.33 2.64 -0.45	51.87 2.28 0.00	46.63 1.92 0.00
RANKINE____ 23646	45.16 -0.73 0.00	41.95 -0.77 0.00	42.01 -0.77 0.00	41.59 -0.68 0.00	43.12 -0.57 0.00	43.35 -1.57 0.00	56.80 -2.24 0.00	67.06 -2.65 0.00	64.46 -3.46 0.00	61.18 -2.62 0.00	60.29 -2.32 0.00	60.15 -1.99 0.00	60.81 -2.47 0.00	61.43 -2.69 0.00	64.89 -3.20 0.00	70.74 -3.41 0.00	73.12 -4.58 0.00	77.60 -4.17 0.00	69.98 -3.92 0.00	63.56 -3.63 0.00	58.93 -3.69 0.00	51.71 -4.61 -0.08	47.31 -2.28 0.00	43.28 -1.43 0.00
RAVENSWOOD_GT2_1 24244	48.56 2.66 0.00	45.20 2.48 0.00	45.09 2.31 0.00	44.38 2.11 0.00	45.83 2.14 0.00	47.44 2.52 0.00	62.70 3.66 0.00	73.75 4.04 0.00	72.15 4.21 -0.02	78.13 4.15 -10.19	67.96 3.94 -1.41	71.87 3.85 -5.88	74.70 3.86 -7.56	73.88 3.98 -5.79	72.19 4.09 -0.02	78.47 4.30 -0.02	82.76 5.05 0.00	87.10 5.32 -0.02	78.63 4.73 0.00	71.43 4.23 -0.02	66.58 3.95 -0.02	60.32 3.60 -0.48	52.61 3.02 0.00	47.26 2.55 0.00
RAVENSWOOD_GT2_2 24245	48.56 2.66 0.00	45.20 2.48 0.00	45.09 2.31 0.00	44.38 2.11 0.00	45.83 2.14 0.00	47.44 2.52 0.00	62.70 3.66 0.00	73.75 4.04 0.00	72.15 4.21 -0.02	78.13 4.15 -10.19	67.96 3.94 -1.41	71.87 3.85 -5.88	74.70 3.86 -7.56	73.88 3.98 -5.79	72.19 4.09 -0.02	78.47 4.30 -0.02	82.76 5.05 0.00	87.10 5.32 -0.02	78.63 4.73 0.00	71.43 4.23 -0.02	66.58 3.95 -0.02	60.32 3.60 -0.48	52.61 3.02 0.00	47.26 2.55 0.00



RAVENSWOOD_GT2_3 24246	48.60 2.71 0.00	45.24 2.52 0.00	45.09 2.31 0.00	44.42 2.16 0.00	45.87 2.18 0.00	47.48 2.56 0.00	62.76 3.72 0.00	73.82 4.11 0.00	72.22 4.28 -0.02	78.13 4.15 -10.19	68.02 4.01 -1.41	71.87 3.85 -5.88	74.70 3.86 -7.56	73.95 4.04 -5.79	72.26 4.15 -0.02	78.55 4.38 -0.02	82.84 5.13 0.00	87.18 5.40 -0.02	78.63 4.73 0.00	71.50 4.30 -0.02	66.58 3.95 -0.02	60.38 3.66 -0.48	52.61 3.02 0.00	47.26 2.55 0.00
RAVENSWOOD_GT2_4 24247	48.60 2.71 0.00	45.24 2.52 0.00	45.09 2.31 0.00	44.42 2.16 0.00	45.87 2.18 0.00	47.48 2.56 0.00	62.76 3.72 0.00	73.82 4.11 0.00	72.22 4.28 -0.02	78.13 4.15 -10.19	68.02 4.01 -1.41	71.87 3.85 -5.88	74.70 3.86 -7.56	73.95 4.04 -5.79	72.26 4.15 -0.02	78.55 4.38 -0.02	82.84 5.13 0.00	87.18 5.40 -0.02	78.63 4.73 0.00	71.50 4.30 -0.02	66.58 3.95 -0.02	60.38 3.66 -0.48	52.61 3.02 0.00	47.26 2.55 0.00
RAVENSWOOD_GT3_1 24248	48.60 2.71 0.00	45.20 2.48 0.00	45.09 2.31 0.00	44.38 2.11 0.00	45.87 2.18 0.00	47.44 2.52 0.00	62.70 3.66 0.00	73.75 4.04 0.00	72.15 4.21 -0.02	78.13 4.15 -10.19	67.96 3.94 -1.41	71.87 3.85 -5.88	74.70 3.86 -7.56	73.88 3.98 -5.79	72.19 4.09 -0.02	78.47 4.30 -0.02	82.84 5.13 0.00	87.10 5.32 -0.02	78.63 4.73 0.00	71.43 4.23 -0.02	66.58 3.95 -0.02	60.32 3.60 -0.48	52.61 3.02 0.00	47.26 2.55 0.00
RAVENSWOOD_GT3_2 24249	48.60 2.71 0.00	45.20 2.48 0.00	45.09 2.31 0.00	44.38 2.11 0.00	45.87 2.18 0.00	47.44 2.52 0.00	62.70 3.66 0.00	73.75 4.04 0.00	72.15 4.21 -0.02	78.13 4.15 -10.19	67.96 3.94 -1.41	71.87 3.85 -5.88	74.70 3.86 -7.56	73.88 3.98 -5.79	72.19 4.09 -0.02	78.47 4.30 -0.02	82.84 5.13 0.00	87.10 5.32 -0.02	78.63 4.73 0.00	71.43 4.23 -0.02	66.58 3.95 -0.02	60.32 3.60 -0.48	52.61 3.02 0.00	47.26 2.55 0.00
RAVENSWOOD_GT3_3 24250	48.65 2.75 0.00	45.24 2.52 0.00	45.13 2.35 0.00	44.42 2.16 0.00	45.91 2.23 0.00	47.48 2.56 0.00	62.82 3.78 0.00	73.89 4.18 0.00	72.29 4.35 -0.02	78.19 4.21 -10.19	68.08 4.07 -1.41	71.93 3.91 -5.88	74.76 3.92 -7.56	74.01 4.10 -5.79	72.32 4.22 -0.02	78.62 4.45 -0.02	82.92 5.21 0.00	87.27 5.48 -0.02	78.78 4.88 0.00	71.57 4.37 -0.02	66.64 4.01 -0.02	60.43 3.71 -0.48	52.66 3.07 0.00	47.31 2.59 0.00
RAVENSWOOD_GT3_4 24251	48.65 2.75 0.00	45.24 2.52 0.00	45.13 2.35 0.00	44.42 2.16 0.00	45.91 2.23 0.00	47.48 2.56 0.00	62.82 3.78 0.00	73.89 4.18 0.00	72.29 4.35 -0.02	78.19 4.21 -10.19	68.08 4.07 -1.41	71.93 3.91 -5.88	74.76 3.92 -7.56	74.01 4.10 -5.79	72.32 4.22 -0.02	78.62 4.45 -0.02	82.92 5.21 0.00	87.27 5.48 -0.02	78.78 4.88 0.00	71.57 4.37 -0.02	66.64 4.01 -0.02	60.43 3.71 -0.48	52.66 3.07 0.00	47.31 2.59 0.00
RAVENSWOOD_GT_1 23729	48.83 2.94 0.00	45.41 2.69 0.00	45.26 2.48 0.00	44.50 2.24 0.00	46.00 2.32 0.00	47.57 2.65 0.00	62.88 3.84 0.00	73.89 4.18 0.00	72.29 4.35 -0.02	78.26 4.27 -10.19	68.14 4.13 -1.41	71.88 3.85 -5.89	74.70 3.86 -7.57	74.08 4.17 -5.79	72.39 4.29 -0.02	78.69 4.52 -0.02	82.92 5.21 0.00	87.27 5.48 -0.02	78.70 4.80 0.00	71.50 4.30 -0.02	66.77 4.13 -0.02	60.54 3.82 -0.48	52.81 3.22 0.00	47.44 2.73 0.00
RAVENSWOOD_GT_10 24258	48.56 2.66 0.00	45.20 2.48 0.00	45.09 2.31 0.00	44.38 2.11 0.00	45.83 2.14 0.00	47.44 2.52 0.00	62.70 3.66 0.00	73.75 4.04 0.00	72.15 4.21 -0.02	78.13 4.15 -10.19	67.96 3.94 -1.41	71.87 3.85 -5.88	74.70 3.86 -7.56	73.88 3.98 -5.79	72.19 4.09 -0.02	78.47 4.30 -0.02	82.84 5.13 0.00	87.10 5.32 -0.02	78.63 4.73 0.00	71.43 4.23 -0.02	66.58 3.95 -0.02	60.32 3.60 -0.48	52.61 3.02 0.00	47.26 2.55 0.00
RAVENSWOOD_GT_11 24259	48.56 2.66 0.00	45.20 2.48 0.00	45.09 2.31 0.00	44.38 2.11 0.00	45.83 2.14 0.00	47.44 2.52 0.00	62.70 3.66 0.00	73.75 4.04 0.00	72.15 4.21 -0.02	78.13 4.15 -10.19	67.96 3.94 -1.41	71.87 3.85 -5.88	74.70 3.86 -7.56	73.88 3.98 -5.79	72.19 4.09 -0.02	78.47 4.30 -0.02	82.84 5.13 0.00	87.10 5.32 -0.02	78.63 4.73 0.00	71.43 4.23 -0.02	66.58 3.95 -0.02	60.32 3.60 -0.48	52.61 3.02 0.00	47.26 2.55 0.00
RAVENSWOOD_GT_4 24252	48.65 2.75 0.00	45.24 2.52 0.00	45.13 2.35 0.00	44.42 2.16 0.00	45.87 2.18 0.00	47.48 2.56 0.00	62.76 3.72 0.00	73.82 4.11 0.00	72.15 4.21 -0.02	78.13 4.15 -10.19	68.02 4.01 -1.41	71.81 3.79 -5.88	74.63 3.80 -7.56	73.95 4.04 -5.79	72.26 4.15 -0.02	78.55 4.38 -0.02	82.84 5.13 0.00	87.10 5.32 -0.02	78.63 4.73 0.00	71.43 4.23 -0.02	66.58 3.95 -0.02	60.38 3.66 -0.48	52.66 3.07 0.00	47.31 2.59 0.00
RAVENSWOOD_GT_5 24254	48.65 2.75 0.00	45.24 2.52 0.00	45.13 2.35 0.00	44.42 2.16 0.00	45.87 2.18 0.00	47.48 2.56 0.00	62.76 3.72 0.00	73.82 4.11 0.00	72.15 4.21 -0.02	78.13 4.15 -10.19	68.02 4.01 -1.41	71.81 3.79 -5.88	74.63 3.80 -7.56	73.95 4.04 -5.79	72.26 4.15 -0.02	78.55 4.38 -0.02	82.84 5.13 0.00	87.10 5.32 -0.02	78.63 4.73 0.00	71.43 4.23 -0.02	66.58 3.95 -0.02	60.38 3.66 -0.48	52.66 3.07 0.00	47.31 2.59 0.00
RAVENSWOOD_GT_6 24253	48.65 2.75 0.00	45.24 2.52 0.00	45.13 2.35 0.00	44.42 2.16 0.00	45.87 2.18 0.00	47.48 2.56 0.00	62.76 3.72 0.00	73.82 4.11 0.00	72.15 4.21 -0.02	78.13 4.15 -10.19	68.02 4.01 -1.41	71.81 3.79 -5.88	74.63 3.80 -7.56	73.95 4.04 -5.79	72.26 4.15 -0.02	78.55 4.38 -0.02	82.84 5.13 0.00	87.10 5.32 -0.02	78.63 4.73 0.00	71.43 4.23 -0.02	66.58 3.95 -0.02	60.38 3.66 -0.48	52.66 3.07 0.00	47.31 2.59 0.00
RAVENSWOOD_GT_7 24255	48.65 2.75 0.00	45.24 2.52 0.00	45.13 2.35 0.00	44.42 2.16 0.00	45.87 2.18 0.00	47.48 2.56 0.00	62.76 3.72 0.00	73.82 4.11 0.00	72.15 4.21 -0.02	78.13 4.15 -10.19	68.02 4.01 -1.41	71.81 3.79 -5.88	74.63 3.80 -7.56	73.95 4.04 -5.79	72.26 4.15 -0.02	78.55 4.38 -0.02	82.84 5.13 0.00	87.10 5.32 -0.02	78.63 4.73 0.00	71.43 4.23 -0.02	66.58 3.95 -0.02	60.38 3.66 -0.48	52.66 3.07 0.00	47.31 2.59 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	48.56 2.66 0.00	45.20 2.48 0.00	45.09 2.31 0.00	44.38 2.11 0.00	45.83 2.14 0.00	47.44 2.52 0.00	62.70 3.66 0.00	73.75 4.04 0.00	72.15 4.21 -0.02	78.13 4.15 -10.19	67.96 3.94 -1.41	71.87 3.85 -5.88	74.70 3.86 -7.56	73.88 3.98 -5.79	72.19 4.09 -0.02	78.47 4.30 -0.02	82.84 5.13 0.00	87.10 5.32 -0.02	78.63 4.73 0.00	71.43 4.23 -0.02	66.58 3.95 -0.02	60.32 3.60 -0.48	52.61 3.02 0.00	47.26 2.55 0.00
RAVENSWOOD_GT_9 24257	48.56 2.66 0.00	45.20 2.48 0.00	45.09 2.31 0.00	44.38 2.11 0.00	45.83 2.14 0.00	47.44 2.52 0.00	62.70 3.66 0.00	73.75 4.04 0.00	72.15 4.21 -0.02	78.13 4.15 -10.19	67.96 3.94 -1.41	71.87 3.85 -5.88	74.70 3.86 -7.56	73.88 3.98 -5.79	72.19 4.09 -0.02	78.47 4.30 -0.02	82.84 5.13 0.00	87.10 5.32 -0.02	78.63 4.73 0.00	71.43 4.23 -0.02	66.58 3.95 -0.02	60.32 3.60 -0.48	52.61 3.02 0.00	47.26 2.55 0.00

RAVENSWOOD___1 23533	48.79 2.89 0.00	45.37 2.65 0.00	45.21 2.44 0.00	44.50 2.24 0.00	45.96 2.27 0.00	47.53 2.60 0.00	62.88 3.84 0.00	73.75 4.04 0.00	72.22 4.28 -0.02	78.19 4.21 -10.19	68.08 4.07 -1.41	71.81 3.79 -5.88	74.70 3.86 -7.56	74.02 4.11 -5.79	72.26 4.15 -0.02	78.55 4.37 -0.02	82.84 5.13 0.00	87.18 5.40 -0.02	78.71 4.80 -0.01	71.56 4.36 -0.02	66.70 4.07 -0.02	60.55 3.83 -0.48	52.76 3.18 0.00	47.44 2.73 0.00
RAVENSWOOD___2 23534	48.74 2.85 0.00	45.37 2.65 0.00	45.21 2.44 0.00	44.46 2.20 0.00	45.96 2.27 0.00	47.53 2.60 0.00	62.83 3.78 0.00	73.75 4.04 0.00	72.15 4.21 -0.02	78.19 4.21 -10.19	68.08 4.07 -1.41	71.81 3.79 -5.88	74.70 3.86 -7.56	74.02 4.11 -5.79	72.26 4.15 -0.02	78.47 4.30 -0.02	82.84 5.13 0.00	87.18 5.40 -0.02	78.64 4.73 -0.01	71.50 4.30 -0.02	66.70 4.07 -0.02	60.49 3.77 -0.48	52.76 3.18 0.00	47.39 2.68 0.00
RAVENSWOOD___3 23535	48.60 2.71 0.00	45.20 2.48 0.00	45.09 2.31 0.00	44.38 2.11 0.00	45.83 2.14 0.00	47.44 2.51 0.00	62.71 3.66 0.00	73.68 3.97 0.00	72.15 4.21 -0.02	78.13 4.14 -10.19	67.96 3.95 -1.41	71.87 3.85 -5.88	74.76 3.92 -7.56	73.95 4.04 -5.79	72.19 4.08 -0.02	78.40 4.22 -0.02	82.76 5.05 0.00	87.18 5.40 -0.02	78.64 4.73 -0.01	71.50 4.30 -0.02	66.58 3.95 -0.02	60.37 3.65 -0.48	52.61 3.03 0.00	47.26 2.55 0.00
RAVENSWOOD___4 23820	48.74 2.85 0.00	45.37 2.65 0.00	45.21 2.44 0.00	44.46 2.20 0.00	45.91 2.23 0.00	47.53 2.60 0.00	62.83 3.78 0.00	73.75 4.04 0.00	72.15 4.21 -0.02	78.19 4.21 -10.19	68.08 4.07 -1.41	71.74 3.73 -5.88	74.69 3.86 -7.56	74.02 4.11 -5.79	72.19 4.08 -0.02	78.47 4.30 -0.02	82.84 5.13 0.00	87.18 5.40 -0.02	78.64 4.73 -0.01	71.50 4.30 -0.02	66.65 4.01 -0.02	60.49 3.77 -0.48	52.76 3.18 0.00	47.39 2.68 0.00
RCPL_TRUST___DRP 24196	48.56 2.66 0.00	45.16 2.44 0.00	45.09 2.31 0.00	44.38 2.11 0.00	45.83 2.14 0.00	47.44 2.52 0.00	62.70 3.66 0.00	73.75 4.04 0.00	72.20 4.28 0.00	68.52 4.21 -0.52	66.69 4.01 -0.07	66.35 3.91 -0.30	67.58 3.92 -0.39	68.45 4.04 -0.30	72.24 4.15 0.00	78.53 4.38 0.00	82.84 5.13 0.00	87.17 5.40 0.00	78.63 4.73 0.00	71.42 4.23 0.00	66.57 3.95 0.00	60.30 3.60 -0.47	52.56 2.98 0.00	47.22 2.50 0.00
RED___ROCHESTER 323720	45.48 -0.41 0.00	42.16 -0.56 0.00	42.22 -0.56 0.00	41.76 -0.51 0.00	43.34 -0.35 0.00	43.93 -0.99 0.00	57.80 -1.24 0.00	68.59 -1.12 0.00	66.43 -1.49 0.00	62.96 -0.83 0.00	61.92 -0.69 0.00	62.01 -0.12 0.00	62.77 -0.51 0.00	63.41 -0.70 0.00	67.54 -0.55 0.00	73.34 -0.81 0.00	76.39 -1.32 0.00	80.38 -1.39 0.00	72.49 -1.41 0.00	65.77 -1.41 0.00	61.06 -1.56 0.00	54.78 -1.52 -0.06	48.35 -1.24 0.00	43.91 -0.80 0.00
REGAN___SOLAR 323812	47.64 1.74 0.00	44.26 1.54 0.00	44.36 1.58 0.00	43.87 1.61 0.00	45.35 1.66 0.00	46.95 2.02 0.00	61.82 2.78 0.00	72.77 3.06 0.00	70.16 2.24 0.00	64.81 1.02 0.00	63.48 0.88 0.00	62.69 0.56 0.00	64.04 0.76 0.00	65.21 1.09 0.00	69.72 1.63 0.00	76.60 2.44 0.00	80.50 2.79 0.00	85.21 3.43 0.00	77.23 3.33 0.00	70.01 2.82 0.00	65.56 2.94 0.00	59.48 2.59 -0.65	51.72 2.13 0.00	46.41 1.70 0.00
RENSSELAER___COGEN 23796	47.18 1.28 0.00	43.91 1.19 0.00	44.02 1.24 0.00	43.45 1.18 0.00	44.87 1.18 0.00	46.18 1.26 0.00	60.46 1.41 0.00	71.24 1.53 0.00	69.49 1.56 0.00	65.07 1.28 0.00	63.73 1.13 0.00	63.13 0.99 0.00	64.28 1.01 0.00	65.21 1.09 0.00	69.17 1.09 0.00	75.49 1.34 0.00	79.42 1.71 0.00	83.57 1.80 0.00	75.60 1.70 0.00	68.73 1.55 0.00	64.12 1.50 0.00	58.16 1.35 -0.58	50.68 1.09 0.00	45.78 1.07 0.00
REPUBLIC_115KV_BARTNBK 55605	51.03 5.14 0.00	47.38 4.66 0.00	47.53 4.75 0.00	46.95 4.69 0.00	48.54 4.85 0.00	50.18 5.26 0.00	65.07 6.02 0.00	76.47 6.76 0.00	74.17 6.25 0.00	69.09 5.29 0.00	67.99 5.38 0.00	66.98 4.85 0.00	68.21 4.94 0.00	69.18 5.07 0.00	73.06 4.97 0.00	79.72 5.56 0.00	83.85 6.14 0.00	88.97 7.20 0.00	80.70 6.80 0.00	72.90 5.71 0.00	68.82 6.20 0.00	63.25 6.41 -0.60	55.24 5.65 0.00	49.54 4.83 0.00
REVERE_CPPR_DRP 24186	46.81 0.92 0.00	43.66 0.94 0.00	43.68 0.90 0.00	43.15 0.89 0.00	44.69 1.00 0.00	46.09 1.17 0.00	60.70 1.65 0.00	72.22 2.51 0.00	70.44 2.51 0.00	65.96 2.17 0.00	64.92 2.32 0.00	64.44 2.30 0.00	65.62 2.34 0.00	66.55 2.44 0.00	70.95 2.86 0.00	77.05 2.89 0.00	80.27 2.56 0.00	84.63 2.86 0.00	76.12 2.22 0.00	69.27 2.08 0.00	64.75 2.13 0.00	58.01 1.74 -0.02	50.93 1.34 0.00	45.87 1.16 0.00
REYNLDPA_13_KV_LD 356490	43.14 -2.75 0.00	40.20 -2.52 0.00	40.34 -2.44 0.00	40.49 -1.77 0.00	41.98 -1.70 0.00	43.22 -1.71 0.00	56.74 -2.30 0.00	67.55 -2.16 0.00	66.43 -1.49 0.00	62.39 -1.40 0.00	61.54 -1.06 0.00	61.64 -0.50 0.00	63.28 0.00 0.00	64.44 0.32 0.00	68.22 0.14 0.00	74.53 0.37 0.00	76.16 -1.55 0.00	80.05 -1.72 0.00	71.83 -2.07 0.00	65.10 -2.08 0.00	61.56 -1.06 0.00	55.85 -0.39 0.00	49.29 -0.30 0.00	44.67 -0.04 0.00
REYNOLDS_115KV_TB3 80639	47.45 1.56 0.00	44.17 1.45 0.00	44.23 1.45 0.00	43.70 1.44 0.00	45.13 1.44 0.00	46.45 1.53 0.00	60.81 1.77 0.00	71.66 1.95 0.00	69.89 1.97 0.00	65.39 1.59 0.00	64.11 1.50 0.00	63.44 1.30 0.00	64.67 1.39 0.00	65.53 1.41 0.00	69.52 1.43 0.00	75.93 1.78 0.00	79.96 2.25 0.00	84.06 2.29 0.00	76.04 2.14 0.00	69.13 1.95 0.00	64.50 1.88 0.00	58.50 1.69 -0.58	50.98 1.39 0.00	46.01 1.30 0.00
RIVERBAY____ 323610	49.38 3.49 0.00	45.92 3.20 0.00	45.77 2.99 0.00	44.97 2.70 0.00	46.44 2.75 0.00	47.98 3.05 0.00	63.47 4.43 0.00	74.45 4.74 0.00	72.76 4.82 -0.02	68.53 4.72 -0.02	67.18 4.57 -0.01	66.37 4.23 -0.01	67.53 4.24 -0.01	68.68 4.55 -0.01	72.80 4.70 -0.02	79.07 4.89 -0.02	83.38 5.67 0.00	87.84 6.05 -0.02	79.22 5.32 0.00	71.97 4.77 -0.02	67.15 4.51 -0.02	60.88 4.16 -0.48	53.26 3.67 0.00	47.89 3.17 0.00
RIVERSDE_115KV_TB3 55908	47.36 1.47 0.00	44.09 1.37 0.00	44.19 1.41 0.00	43.62 1.35 0.00	45.04 1.35 0.00	46.36 1.44 0.00	60.70 1.65 0.00	71.52 1.81 0.00	69.76 1.83 0.00	65.32 1.53 0.00	64.05 1.44 0.00	63.38 1.24 0.00	64.60 1.33 0.00	65.53 1.41 0.00	69.52 1.43 0.00	75.86 1.71 0.00	79.81 2.10 0.00	83.90 2.13 0.00	75.97 2.07 0.00	69.00 1.81 0.00	64.44 1.82 0.00	58.39 1.57 -0.58	50.88 1.29 0.00	45.96 1.25 0.00
ROARING___BROOK_WT_PWR 323790	43.46 -2.43 0.00	40.46 -2.27 0.00	40.60 -2.18 0.00	40.36 -1.90 0.00	41.81 -1.88 0.00	43.08 -1.84 0.00	56.62 -2.42 0.00	67.34 -2.37 0.00	65.95 -1.97 0.00	62.07 -1.72 0.00	61.04 -1.56 0.00	60.83 -1.31 0.00	62.20 -1.08 0.00	63.16 -0.96 0.00	66.99 -1.09 0.00	72.74 -1.41 0.00	75.38 -2.33 0.00	79.15 -2.62 0.00	71.31 -2.59 0.00	64.77 -2.42 0.00	60.68 -1.94 0.00	54.78 -1.46 0.00	48.35 -1.24 0.00	43.73 -0.98 0.00

ROCHESRG_115KV_T4 355643	45.07 -0.83 0.00	41.82 -0.90 0.00	41.88 -0.90 0.00	41.42 -0.85 0.00	42.90 -0.79 0.00	43.57 -1.35 0.00	57.15 -1.89 0.00	67.69 -2.02 0.00	65.55 -2.38 0.00	62.07 -1.72 0.00	61.04 -1.57 0.00	61.08 -1.06 0.00	61.82 -1.46 0.00	62.45 -1.67 0.00	66.32 -1.77 0.00	72.15 -2.00 0.00	74.99 -2.72 0.00	79.15 -2.62 0.00	71.31 -2.59 0.00	64.83 -2.35 0.00	60.24 -2.38 0.00	54.10 -2.19 -0.05	47.80 -1.79 0.00	43.46 -1.25 0.00
ROCHESTER_9_IC 23652	45.30 -0.60 0.00	42.04 -0.68 0.00	42.09 -0.68 0.00	41.63 -0.63 0.00	43.16 -0.52 0.00	43.80 -1.12 0.00	57.57 -1.48 0.00	68.24 -1.46 0.00	66.09 -1.83 0.00	62.64 -1.15 0.00	61.60 -1.00 0.00	61.70 -0.43 0.00	62.39 -0.89 0.00	63.09 -1.03 0.00	67.00 -1.09 0.00	72.82 -1.33 0.00	75.69 -2.02 0.00	79.89 -1.88 0.00	71.98 -1.92 0.00	65.37 -1.81 0.00	60.74 -1.88 0.00	54.49 -1.80 -0.06	48.15 -1.44 0.00	43.77 -0.94 0.00
ROCKVIEW_13_KV_LD 356306	48.56 2.66 0.00	45.20 2.48 0.00	45.09 2.31 0.00	44.42 2.16 0.00	45.87 2.18 0.00	47.44 2.52 0.00	62.65 3.60 0.00	73.68 3.97 0.00	72.00 4.08 0.00	67.87 4.08 0.00	66.49 3.88 0.00	65.93 3.79 0.00	67.14 3.86 0.00	68.09 3.98 0.00	72.17 4.09 0.00	78.38 4.23 0.00	82.76 5.05 0.00	87.00 5.23 0.00	78.55 4.66 0.00	71.42 4.23 0.00	66.50 3.88 0.00	60.30 3.60 -0.47	52.51 2.93 0.00	47.22 2.50 0.00
ROME____115KV_TB2 80656	46.81 0.92 0.00	43.66 0.94 0.00	43.68 0.90 0.00	43.15 0.89 0.00	44.69 1.00 0.00	46.09 1.17 0.00	60.70 1.65 0.00	72.22 2.51 0.00	70.44 2.51 0.00	65.96 2.17 0.00	64.92 2.32 0.00	64.44 2.30 0.00	65.62 2.34 0.00	66.55 2.44 0.00	70.95 2.86 0.00	77.05 2.89 0.00	80.27 2.56 0.00	84.63 2.86 0.00	76.12 2.22 0.00	69.27 2.08 0.00	64.75 2.13 0.00	58.01 1.74 -0.02	50.93 1.34 0.00	45.87 1.16 0.00
ROSETON___1 23587	47.96 2.07 0.00	44.64 1.92 0.00	44.61 1.84 0.00	44.00 1.73 0.00	45.39 1.70 0.00	46.90 1.97 0.00	61.82 2.78 0.00	72.70 3.00 0.00	70.98 3.06 0.00	66.79 3.00 0.00	65.43 2.82 0.00	64.87 2.73 0.00	66.06 2.78 0.00	67.01 2.89 0.00	71.01 2.93 0.00	77.20 3.04 0.00	81.44 3.73 0.00	85.70 3.92 0.00	77.37 3.47 0.00	70.34 3.16 0.00	65.56 2.94 0.00	59.40 2.70 -0.47	51.82 2.23 0.00	46.59 1.88 0.00
ROSETON___2 23588	47.96 2.07 0.00	44.64 1.92 0.00	44.61 1.84 0.00	44.00 1.73 0.00	45.39 1.70 0.00	46.90 1.97 0.00	61.82 2.78 0.00	72.70 3.00 0.00	70.98 3.06 0.00	66.79 3.00 0.00	65.43 2.82 0.00	64.87 2.73 0.00	66.06 2.78 0.00	67.01 2.89 0.00	71.01 2.93 0.00	77.20 3.04 0.00	81.44 3.73 0.00	85.70 3.92 0.00	77.37 3.47 0.00	70.34 3.16 0.00	65.56 2.94 0.00	59.40 2.70 -0.47	51.82 2.23 0.00	46.59 1.88 0.00
ROTRRDAM_115KV_TB3 80664	47.36 1.47 0.00	44.04 1.32 0.00	44.15 1.37 0.00	43.62 1.35 0.00	45.04 1.35 0.00	46.36 1.44 0.00	60.81 1.77 0.00	71.73 2.02 0.00	69.83 1.90 0.00	65.39 1.59 0.00	64.11 1.50 0.00	63.50 1.37 0.00	64.73 1.46 0.00	65.59 1.47 0.00	69.65 1.57 0.00	75.93 1.78 0.00	79.81 2.10 0.00	84.06 2.29 0.00	76.04 2.14 0.00	69.07 1.88 0.00	64.50 1.88 0.00	58.64 1.80 -0.61	51.12 1.54 0.00	46.05 1.34 0.00
RUSSELL___1 23602	45.48 -0.41 0.00	42.17 -0.56 0.00	42.22 -0.56 0.00	41.76 -0.51 0.00	43.29 -0.39 0.00	43.93 -0.99 0.00	57.80 -1.24 0.00	68.52 -1.19 0.00	66.36 -1.56 0.00	62.96 -0.83 0.00	61.92 -0.69 0.00	62.01 -0.12 0.00	62.77 -0.51 0.00	63.41 -0.71 0.00	67.41 -0.68 0.00	73.26 -0.89 0.00	76.16 -1.55 0.00	80.38 -1.39 0.00	72.35 -1.55 0.00	65.71 -1.48 0.00	61.05 -1.57 0.00	54.78 -1.52 -0.06	48.35 -1.24 0.00	43.91 -0.80 0.00
RUSSELL___2 23532	45.48 -0.41 0.00	42.17 -0.56 0.00	42.22 -0.56 0.00	41.76 -0.51 0.00	43.29 -0.39 0.00	43.93 -0.99 0.00	57.80 -1.24 0.00	68.52 -1.19 0.00	66.36 -1.56 0.00	62.96 -0.83 0.00	61.92 -0.69 0.00	62.01 -0.12 0.00	62.77 -0.51 0.00	63.41 -0.71 0.00	67.41 -0.68 0.00	73.26 -0.89 0.00	76.16 -1.55 0.00	80.38 -1.39 0.00	72.35 -1.55 0.00	65.71 -1.48 0.00	61.05 -1.57 0.00	54.78 -1.52 -0.06	48.35 -1.24 0.00	43.91 -0.80 0.00
RUSSELL___3 23549	45.48 -0.41 0.00	42.17 -0.56 0.00	42.22 -0.56 0.00	41.76 -0.51 0.00	43.29 -0.39 0.00	43.93 -0.99 0.00	57.80 -1.24 0.00	68.52 -1.19 0.00	66.36 -1.56 0.00	62.96 -0.83 0.00	61.92 -0.69 0.00	62.01 -0.12 0.00	62.77 -0.51 0.00	63.41 -0.71 0.00	67.41 -0.68 0.00	73.26 -0.89 0.00	76.16 -1.55 0.00	80.38 -1.39 0.00	72.35 -1.55 0.00	65.71 -1.48 0.00	61.05 -1.57 0.00	54.78 -1.52 -0.06	48.35 -1.24 0.00	43.91 -0.80 0.00
RUSSELL___4 23556	45.48 -0.41 0.00	42.17 -0.56 0.00	42.22 -0.56 0.00	41.76 -0.51 0.00	43.29 -0.39 0.00	43.93 -0.99 0.00	57.80 -1.24 0.00	68.52 -1.19 0.00	66.36 -1.56 0.00	62.96 -0.83 0.00	61.92 -0.69 0.00	62.01 -0.12 0.00	62.77 -0.51 0.00	63.41 -0.71 0.00	67.41 -0.68 0.00	73.26 -0.89 0.00	76.16 -1.55 0.00	80.38 -1.39 0.00	72.35 -1.55 0.00	65.71 -1.48 0.00	61.05 -1.57 0.00	54.78 -1.52 -0.06	48.35 -1.24 0.00	43.91 -0.80 0.00
RUSSELL___STATION 23914	45.48 -0.41 0.00	42.17 -0.56 0.00	42.22 -0.56 0.00	41.76 -0.51 0.00	43.29 -0.39 0.00	43.93 -0.99 0.00	57.80 -1.24 0.00	68.52 -1.19 0.00	66.36 -1.56 0.00	62.96 -0.83 0.00	61.92 -0.69 0.00	62.01 -0.12 0.00	62.77 -0.51 0.00	63.41 -0.71 0.00	67.41 -0.68 0.00	73.26 -0.89 0.00	76.16 -1.55 0.00	80.38 -1.39 0.00	72.35 -1.55 0.00	65.71 -1.48 0.00	61.05 -1.57 0.00	54.78 -1.52 -0.06	48.35 -1.24 0.00	43.91 -0.80 0.00
S SALMON___HYD 24043	44.84 -1.05 0.00	41.78 -0.94 0.00	41.79 -0.98 0.00	41.33 -0.93 0.00	42.77 -0.92 0.00	43.93 -0.99 0.00	57.69 -1.36 0.00	68.52 -1.19 0.00	66.77 -1.16 0.00	62.65 -1.15 0.00	61.54 -1.06 0.00	61.21 -0.93 0.00	62.33 -0.95 0.00	63.16 -0.96 0.00	67.20 -0.89 0.00	73.04 -1.11 0.00	76.07 -1.64 0.00	80.38 -1.39 0.00	72.57 -1.33 0.00	65.98 -1.21 0.00	61.62 -1.00 0.00	55.32 -0.96 -0.03	48.70 -0.89 0.00	43.91 -0.80 0.00
S.PERRY__115KV_TB1 80734	46.40 0.50 0.00	43.02 0.30 0.00	43.12 0.34 0.00	42.73 0.46 0.00	44.34 0.66 0.00	45.06 0.13 0.00	59.63 0.59 0.00	70.75 1.05 0.00	68.06 0.14 0.00	63.98 0.19 0.00	62.79 0.19 0.00	62.70 0.56 0.00	63.34 0.06 0.00	63.93 -0.19 0.00	67.95 -0.14 0.00	74.23 0.07 0.00	77.55 -0.16 0.00	82.43 0.65 0.00	74.42 0.52 0.00	67.65 0.47 0.00	62.81 0.19 0.00	55.82 -0.51 -0.09	49.59 0.00 0.00	44.94 0.22 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	44.88 -1.01 0.00	41.70 -1.03 0.00	41.75 -1.03 0.00	41.33 -0.93 0.00	42.81 -0.87 0.00	42.99 -1.93 0.00	56.15 -2.89 0.00	66.29 -3.42 0.00	63.78 -4.14 0.00	60.67 -3.13 0.00	59.73 -2.88 0.00	59.59 -2.55 0.00	60.24 -3.04 0.00	60.85 -3.27 0.00	64.27 -3.81 0.00	70.15 -4.00 0.00	72.43 -5.28 0.00	76.78 -4.99 0.00	69.24 -4.66 0.00	62.95 -4.23 0.00	58.36 -4.26 0.00	51.65 -4.67 -0.08	46.81 -2.78 0.00	42.92 -1.79 0.00

SAWYER___23_KV_LOAD 55526	44.88 -1.01 0.00	41.70 -1.03 0.00	41.75 -1.03 0.00	41.33 -0.93 0.00	42.81 -0.87 0.00	42.99 -1.93 0.00	56.15 -2.89 0.00	66.29 -3.42 0.00	63.78 -4.14 0.00	60.67 -3.13 0.00	59.73 -2.88 0.00	59.59 -2.55 0.00	60.24 -3.04 0.00	60.85 -3.27 0.00	64.27 -3.81 0.00	70.15 -4.00 0.00	72.43 -5.28 0.00	76.78 -4.99 0.00	69.24 -4.66 0.00	62.95 -4.23 0.00	58.36 -4.26 0.00	51.65 -4.67 -0.08	46.81 -2.78 0.00	42.92 -1.79 0.00
SELKIRK___I 23801	47.41 1.51 0.00	44.17 1.45 0.00	44.27 1.50 0.00	43.70 1.44 0.00	45.13 1.44 0.00	46.40 1.48 0.00	60.88 1.83 0.00	71.66 1.95 0.00	69.90 1.97 0.00	65.39 1.60 0.00	64.11 1.50 0.00	63.44 1.31 0.00	64.67 1.39 0.00	65.59 1.48 0.00	69.65 1.57 0.00	76.01 1.85 0.00	79.88 2.17 0.00	84.06 2.29 0.00	76.04 2.14 0.00	69.20 2.01 0.00	64.56 1.94 0.00	58.44 1.63 -0.57	51.03 1.44 0.00	46.05 1.34 0.00
SELKIRK___II 23799	47.09 1.19 0.00	43.83 1.11 0.00	43.93 1.16 0.00	43.36 1.10 0.00	44.82 1.13 0.00	46.09 1.17 0.00	60.40 1.36 0.00	71.17 1.47 0.00	69.42 1.49 0.00	65.07 1.28 0.00	63.79 1.19 0.00	63.13 0.99 0.00	64.35 1.07 0.00	65.27 1.16 0.00	69.24 1.16 0.00	75.56 1.41 0.00	79.42 1.71 0.00	83.49 1.72 0.00	75.60 1.70 0.00	68.73 1.55 0.00	64.12 1.50 0.00	58.10 1.29 -0.57	50.68 1.09 0.00	45.74 1.03 0.00
SENECA OSWGO___HYD 24041	44.66 -1.24 0.00	41.57 -1.15 0.00	41.62 -1.15 0.00	41.12 -1.14 0.00	42.51 -1.18 0.00	43.66 -1.26 0.00	57.45 -1.59 0.00	68.11 -1.60 0.00	66.23 -1.70 0.00	62.26 -1.53 0.00	61.17 -1.44 0.00	60.77 -1.37 0.00	61.82 -1.45 0.00	62.58 -1.54 0.00	66.52 -1.56 0.00	72.30 -1.85 0.00	75.62 -2.09 0.00	79.73 -2.04 0.00	72.05 -1.84 0.00	65.51 -1.68 0.00	60.93 -1.69 0.00	54.64 -1.63 -0.04	48.20 -1.39 0.00	43.46 -1.25 0.00
SENECA___115KV_TB3 355854	45.21 -0.69 0.00	41.99 -0.73 0.00	41.96 -0.81 0.00	41.59 -0.68 0.00	43.16 -0.52 0.00	43.39 -1.53 0.00	56.86 -2.18 0.00	67.13 -2.58 0.00	64.60 -3.33 0.00	61.30 -2.49 0.00	60.36 -2.25 0.00	60.21 -1.93 0.00	60.94 -2.34 0.00	61.62 -2.50 0.00	65.23 -2.86 0.00	70.97 -3.19 0.00	73.59 -4.12 0.00	77.77 -4.00 0.00	70.28 -3.62 0.00	63.83 -3.36 0.00	59.05 -3.57 0.00	51.76 -4.55 -0.08	47.41 -2.18 0.00	43.33 -1.39 0.00
SENECA___ENERGY 23797	45.21 -0.69 0.00	42.04 -0.69 0.00	42.09 -0.69 0.00	41.63 -0.63 0.00	43.07 -0.61 0.00	44.16 -0.76 0.00	58.16 -0.88 0.00	69.01 -0.70 0.00	67.04 -0.88 0.00	63.09 -0.70 0.00	62.04 -0.56 0.00	61.77 -0.37 0.00	62.71 -0.57 0.00	63.48 -0.64 0.00	67.41 -0.68 0.00	73.27 -0.89 0.00	76.55 -1.16 0.00	80.79 -0.98 0.00	72.94 -0.96 0.00	66.24 -0.94 0.00	61.56 -1.06 0.00	55.17 -1.12 -0.06	48.64 -0.94 0.00	43.95 -0.76 0.00
SHOEMAKER___GT 23640	47.82 1.93 0.00	44.51 1.79 0.00	44.49 1.71 0.00	43.87 1.61 0.00	45.30 1.62 0.00	46.76 1.84 0.00	61.58 2.54 0.00	72.50 2.79 0.00	70.78 2.85 0.00	66.53 2.74 0.00	65.11 2.51 0.00	64.56 2.42 0.00	65.81 2.53 0.00	66.69 2.57 0.00	70.74 2.65 0.00	76.97 2.82 0.00	81.12 3.42 0.00	85.45 3.68 0.00	77.15 3.25 0.00	70.14 2.95 0.00	65.31 2.69 0.00	59.08 2.42 -0.43	51.67 2.08 0.00	46.45 1.74 0.00
SHOEMAKR_138KV_BK 111 55601	47.78 1.88 0.00	44.51 1.79 0.00	44.49 1.71 0.00	43.83 1.56 0.00	45.30 1.62 0.00	46.76 1.84 0.00	61.58 2.54 0.00	72.49 2.79 0.00	70.78 2.85 0.00	66.53 2.74 0.00	65.11 2.50 0.00	64.56 2.42 0.00	65.74 2.47 0.00	66.68 2.56 0.00	70.81 2.72 0.00	76.97 2.82 0.00	81.13 3.42 0.00	85.37 3.60 0.00	77.15 3.25 0.00	70.07 2.89 0.00	65.25 2.63 0.00	59.08 2.42 -0.42	51.62 2.03 0.00	46.41 1.70 0.00
SHOREHAM_IC_1 23715	49.94 4.04 -0.01	46.09 3.37 0.00	45.86 3.08 0.00	45.31 3.04 0.00	47.00 3.32 0.00	48.88 3.95 -0.01	64.13 5.08 -0.01	73.54 3.83 0.00	71.79 3.87 0.00	67.55 3.76 0.00	66.62 4.01 0.00	65.68 3.54 0.00	66.19 2.91 0.00	67.90 3.78 0.00	71.63 3.54 0.00	75.64 1.48 0.00	83.62 5.90 -0.01	88.08 6.30 -0.01	79.74 5.84 -0.01	71.89 4.70 0.00	66.13 3.50 0.00	60.82 4.10 -0.47	56.74 3.67 -3.48	48.48 3.76 -0.01
SHOREHAM_IC_2 23716	49.94 4.04 -0.01	46.10 3.37 0.00	45.86 3.08 0.00	45.31 3.04 0.00	47.05 3.36 0.00	48.88 3.95 -0.01	64.13 5.08 -0.01	73.61 3.90 0.00	71.39 3.46 0.00	67.68 3.89 0.00	66.61 4.01 0.00	65.68 3.54 0.00	66.12 2.85 0.00	67.90 3.78 0.00	71.63 3.54 0.00	76.01 1.85 0.00	83.86 6.14 -0.01	88.08 6.30 -0.01	79.89 5.99 -0.01	71.82 4.64 0.00	66.13 3.51 0.00	60.82 4.11 -0.47	56.74 3.67 -3.48	48.43 3.71 -0.01
SISSONVILLE____ 23735	43.05 -2.85 0.00	40.11 -2.61 0.00	40.21 -2.57 0.00	40.32 -1.94 0.00	41.81 -1.88 0.00	42.86 -2.07 0.00	56.03 -3.01 0.00	66.85 -2.86 0.00	65.89 -2.04 0.00	61.75 -2.04 0.00	60.92 -1.69 0.00	61.02 -1.12 0.00	62.58 -0.70 0.00	63.80 -0.32 0.00	67.54 -0.54 0.00	73.56 -0.59 0.00	75.07 -2.64 0.00	78.83 -2.94 0.00	70.80 -3.10 0.00	64.16 -3.02 0.00	60.80 -1.82 0.00	55.29 -0.96 -0.01	48.84 -0.74 0.00	44.49 -0.22 0.00
SITHE_IND_GS1 24169	44.20 -1.70 0.00	41.14 -1.58 0.00	41.19 -1.58 0.00	40.70 -1.56 0.00	42.07 -1.62 0.00	43.22 -1.71 0.00	56.80 -2.24 0.00	67.13 -2.58 0.00	65.34 -2.58 0.00	61.43 -2.36 0.00	60.36 -2.25 0.00	59.96 -2.18 0.00	61.00 -2.28 0.00	61.75 -2.37 0.00	65.64 -2.45 0.00	71.49 -2.67 0.00	74.76 -2.95 0.00	78.66 -3.11 0.00	71.17 -2.73 0.00	64.63 -2.55 0.00	60.18 -2.44 0.00	54.08 -2.19 -0.03	47.70 -1.88 0.00	43.01 -1.70 0.00
SITHE_IND_GS2 24170	44.20 -1.70 0.00	41.14 -1.58 0.00	41.19 -1.58 0.00	40.70 -1.56 0.00	42.07 -1.62 0.00	43.22 -1.71 0.00	56.80 -2.24 0.00	67.13 -2.58 0.00	65.34 -2.58 0.00	61.43 -2.36 0.00	60.36 -2.25 0.00	59.96 -2.18 0.00	61.00 -2.28 0.00	61.75 -2.37 0.00	65.64 -2.45 0.00	71.49 -2.67 0.00	74.76 -2.95 0.00	78.66 -3.11 0.00	71.17 -2.73 0.00	64.63 -2.55 0.00	60.18 -2.44 0.00	54.08 -2.19 -0.03	47.70 -1.88 0.00	43.01 -1.70 0.00
SITHE_IND_GS3 24171	44.20 -1.70 0.00	41.14 -1.58 0.00	41.19 -1.58 0.00	40.70 -1.56 0.00	42.07 -1.62 0.00	43.22 -1.71 0.00	56.80 -2.24 0.00	67.13 -2.58 0.00	65.34 -2.58 0.00	61.43 -2.36 0.00	60.36 -2.25 0.00	59.96 -2.18 0.00	61.00 -2.28 0.00	61.75 -2.37 0.00	65.64 -2.45 0.00	71.49 -2.67 0.00	74.76 -2.95 0.00	78.66 -3.11 0.00	71.17 -2.73 0.00	64.63 -2.55 0.00	60.18 -2.44 0.00	54.08 -2.19 -0.03	47.70 -1.88 0.00	43.01 -1.70 0.00
SITHE_IND_GS4 24172	44.20 -1.70 0.00	41.14 -1.58 0.00	41.19 -1.58 0.00	40.70 -1.56 0.00	42.07 -1.62 0.00	43.22 -1.71 0.00	56.80 -2.24 0.00	67.13 -2.58 0.00	65.34 -2.58 0.00	61.43 -2.36 0.00	60.36 -2.25 0.00	59.96 -2.18 0.00	61.00 -2.28 0.00	61.75 -2.37 0.00	65.64 -2.45 0.00	71.49 -2.67 0.00	74.76 -2.95 0.00	78.66 -3.11 0.00	71.17 -2.73 0.00	64.63 -2.55 0.00	60.18 -2.44 0.00	54.08 -2.19 -0.03	47.70 -1.88 0.00	43.01 -1.70 0.00

SITHE___BATAVIA 24024	45.89 0.00 0.00	42.55 -0.17 0.00	42.31 -0.47 0.00	41.88 -0.38 0.00	43.56 -0.13 0.00	43.80 -1.12 0.00	57.51 -1.54 0.00	68.24 -1.47 0.00	65.55 -2.38 0.00	62.26 -1.53 0.00	61.17 -1.44 0.00	61.27 -0.87 0.00	61.82 -1.45 0.00	62.45 -1.67 0.00	66.39 -1.70 0.00	72.30 -1.85 0.00	75.15 -2.56 0.00	79.40 -2.37 0.00	71.68 -2.22 0.00	65.03 -2.15 0.00	60.30 -2.32 0.00	53.61 -2.70 -0.07	48.00 -1.59 0.00	43.77 -0.94 0.00
SITHE___INDEPEND 23800	44.20 -1.70 0.00	41.14 -1.58 0.00	41.19 -1.58 0.00	40.70 -1.56 0.00	42.07 -1.62 0.00	43.22 -1.71 0.00	56.80 -2.24 0.00	67.13 -2.58 0.00	65.34 -2.58 0.00	61.43 -2.36 0.00	60.35 -2.25 0.00	59.96 -2.17 0.00	61.00 -2.28 0.00	61.75 -2.37 0.00	65.64 -2.45 0.00	71.49 -2.67 0.00	74.76 -2.95 0.00	78.66 -3.11 0.00	71.16 -2.73 0.00	64.70 -2.49 0.00	60.18 -2.44 0.00	54.08 -2.19 -0.03	47.70 -1.88 0.00	43.01 -1.70 0.00
SITHE___MASSENA 23902	43.28 -2.61 0.00	40.33 -2.39 0.00	40.47 -2.31 0.00	40.57 -1.69 0.00	42.07 -1.62 0.00	43.31 -1.62 0.00	56.80 -2.24 0.00	67.68 -2.02 0.00	66.57 -1.36 0.00	62.45 -1.34 0.00	61.60 -1.00 0.00	61.77 -0.37 0.00	63.34 0.06 0.00	64.51 0.39 0.00	68.29 0.20 0.00	74.60 0.45 0.00	76.23 -1.48 0.00	80.14 -1.63 0.00	71.98 -1.92 0.00	65.23 -1.95 0.00	61.68 -0.94 0.00	55.90 -0.34 0.00	49.39 -0.20 0.00	44.76 0.04 0.00
SITHE___OGDNSBRG 24021	43.74 -2.16 0.00	40.80 -1.92 0.00	40.89 -1.88 0.00	41.00 -1.27 0.00	42.55 -1.14 0.00	43.80 -1.12 0.00	57.45 -1.59 0.00	68.59 -1.12 0.00	67.18 -0.75 0.00	62.77 -1.02 0.00	61.79 -0.81 0.00	61.89 -0.25 0.00	63.53 0.25 0.00	64.76 0.64 0.00	68.56 0.48 0.00	74.90 0.74 0.00	76.70 -1.01 0.00	80.95 -0.82 0.00	72.72 -1.18 0.00	65.98 -1.21 0.00	62.50 -0.13 0.00	56.70 0.45 -0.01	49.93 0.35 0.00	45.34 0.63 0.00
SITHE___STERLING 23777	46.63 0.73 0.00	43.49 0.77 0.00	43.50 0.73 0.00	42.98 0.72 0.00	44.51 0.83 0.00	45.87 0.94 0.00	60.40 1.36 0.00	71.80 2.09 0.00	69.90 1.97 0.00	65.51 1.72 0.00	64.36 1.75 0.00	63.94 1.80 0.00	65.04 1.77 0.00	65.98 1.86 0.00	70.27 2.18 0.00	76.38 2.22 0.00	79.73 2.02 0.00	83.98 2.21 0.00	75.60 1.70 0.00	68.79 1.61 0.00	64.19 1.57 0.00	57.50 1.24 -0.03	50.58 0.99 0.00	45.61 0.89 0.00
SLEIGHT__34_KV_TB1 80719	45.02 -0.87 0.00	41.82 -0.90 0.00	41.88 -0.90 0.00	41.42 -0.85 0.00	42.90 -0.79 0.00	43.80 -1.12 0.00	57.69 -1.36 0.00	68.45 -1.25 0.00	66.43 -1.49 0.00	62.77 -1.02 0.00	61.73 -0.88 0.00	61.64 -0.50 0.00	62.45 -0.82 0.00	63.16 -0.96 0.00	67.13 -0.95 0.00	72.97 -1.19 0.00	76.00 -1.71 0.00	80.22 -1.55 0.00	72.27 -1.63 0.00	65.71 -1.48 0.00	61.05 -1.57 0.00	54.72 -1.57 -0.05	48.25 -1.34 0.00	43.68 -1.03 0.00
SMITHTWN_69_KV_BK 1 55830	49.67 3.76 -0.01	45.92 3.20 0.00	45.69 2.91 0.00	45.10 2.83 0.00	46.83 3.15 0.00	48.61 3.68 -0.01	63.78 4.72 -0.01	73.33 3.62 0.00	71.12 3.19 0.00	67.43 3.64 0.00	66.24 3.63 0.00	65.74 3.60 0.00	66.57 3.29 0.00	67.97 3.85 0.00	71.70 3.61 0.00	77.05 2.89 0.00	83.39 5.67 -0.01	87.42 5.64 -0.01	79.52 5.62 -0.01	71.95 4.77 0.00	66.69 4.07 0.00	60.99 4.27 -0.47	57.05 3.97 -3.49	48.30 3.58 -0.01
SOUTH CAIRO___GT 23612	48.23 2.34 0.00	44.94 2.22 0.00	45.04 2.27 0.00	44.42 2.16 0.00	46.09 2.40 0.00	47.35 2.43 0.00	62.00 2.95 0.00	73.19 3.49 0.00	71.25 3.33 0.00	66.47 2.68 0.00	64.80 2.19 0.00	64.00 1.86 0.00	65.30 2.02 0.00	66.36 2.24 0.00	70.54 2.45 0.00	77.05 2.89 0.00	81.52 3.81 0.00	86.02 4.25 0.00	77.96 4.06 0.00	70.68 3.49 0.00	65.88 3.26 0.00	59.21 2.42 -0.55	51.97 2.38 0.00	46.81 2.10 0.00
SOUTH HAMPTN___IC 23720	50.26 4.36 -0.01	46.44 3.71 0.00	46.16 3.38 0.00	45.60 3.34 0.00	47.31 3.62 0.00	49.24 4.31 -0.01	64.54 5.49 -0.01	74.10 4.39 0.00	72.28 4.35 0.00	68.00 4.21 0.00	67.17 4.57 0.00	66.30 4.16 0.00	66.88 3.60 0.00	68.54 4.42 0.00	72.31 4.22 0.00	76.38 2.22 0.00	84.16 6.45 -0.01	88.65 6.87 -0.01	80.26 6.36 -0.01	72.36 5.17 0.00	66.50 3.88 0.00	60.98 4.27 -0.47	56.83 3.77 -3.47	48.57 3.85 -0.01
SOUTHDOW_115KV_TB1 355954	45.30 -0.60 0.00	42.17 -0.56 0.00	42.18 -0.60 0.00	41.88 -0.38 0.00	43.47 -0.22 0.00	44.02 -0.90 0.00	58.22 -0.83 0.00	68.66 -1.05 0.00	65.89 -2.04 0.00	62.39 -1.40 0.00	61.54 -1.06 0.00	61.27 -0.87 0.00	61.95 -1.33 0.00	62.64 -1.47 0.00	66.11 -1.97 0.00	71.86 -2.30 0.00	74.45 -3.26 0.00	78.99 -2.78 0.00	71.39 -2.51 0.00	64.83 -2.35 0.00	59.99 -2.63 0.00	51.99 -4.33 -0.09	48.20 -1.39 0.00	44.00 -0.72 0.00
SOUTHOLD_69_KV_BK 2 55809	50.72 4.82 -0.01	46.78 4.06 0.00	46.54 3.76 0.00	45.98 3.72 0.00	47.71 4.02 0.00	49.65 4.72 -0.01	65.02 5.96 -0.01	74.73 5.02 0.00	72.20 4.28 0.00	68.58 4.78 0.00	67.62 5.01 0.00	66.80 4.66 0.00	67.26 3.99 0.00	68.93 4.81 0.00	72.72 4.63 0.00	77.27 3.11 0.00	85.02 7.30 -0.01	89.22 7.44 -0.01	80.78 6.87 -0.01	72.42 5.24 0.00	66.57 3.95 0.00	60.87 4.16 -0.47	56.63 3.57 -3.48	48.52 3.80 -0.01
SOUTHOLD___IC 23719	50.72 4.82 -0.01	46.78 4.06 0.00	46.54 3.77 0.00	45.98 3.72 0.00	47.70 4.02 0.00	49.65 4.72 -0.01	65.01 5.96 -0.01	74.66 4.95 0.00	72.61 4.68 0.00	68.45 4.65 0.00	67.62 5.01 0.00	66.80 4.66 0.00	67.39 4.11 0.00	68.93 4.81 0.00	72.72 4.63 0.00	76.82 2.67 0.00	84.79 7.07 -0.01	89.22 7.44 -0.01	80.63 6.72 -0.01	72.56 5.38 0.00	66.57 3.95 0.00	60.93 4.22 -0.47	56.64 3.57 -3.48	48.57 3.85 -0.01
SOUTH_FORK_WT_PWR 323839	50.63 4.73 -0.01	46.74 4.01 0.00	46.46 3.68 0.00	45.90 3.64 0.00	47.57 3.89 0.00	49.56 4.63 -0.01	64.78 5.73 -0.01	74.31 4.60 0.00	72.21 4.28 0.00	68.07 4.27 0.00	67.24 4.63 0.00	66.36 4.23 0.00	66.94 3.67 0.00	68.54 4.42 0.00	72.24 4.15 0.00	76.31 2.15 0.00	84.25 6.53 -0.01	88.65 6.87 -0.01	80.04 6.13 -0.01	71.82 4.63 0.00	65.81 3.19 0.00	60.26 3.55 -0.47	55.99 2.92 -3.48	48.12 3.40 -0.01
SPIERFLS_115KV_TB 1 80737	49.02 3.12 0.00	45.54 2.82 0.00	45.64 2.87 0.00	45.14 2.87 0.00	46.61 2.93 0.00	48.11 3.19 0.00	61.88 2.83 0.00	72.77 3.07 0.00	70.85 2.92 0.00	66.15 2.36 0.00	64.99 2.38 0.00	64.25 2.11 0.00	65.43 2.15 0.00	66.23 2.12 0.00	70.13 2.04 0.00	76.45 2.30 0.00	80.35 2.64 0.00	84.80 3.03 0.00	76.78 2.88 0.00	69.54 2.35 0.00	65.50 2.88 0.00	60.66 3.82 -0.60	52.96 3.37 0.00	47.62 2.91 0.00
ST LAWRENCE____ 23600	42.73 -3.17 0.00	39.81 -2.91 0.00	39.95 -2.82 0.00	40.06 -2.20 0.00	41.55 -2.14 0.00	42.77 -2.16 0.00	56.21 -2.83 0.00	66.92 -2.79 0.00	65.75 -2.18 0.00	61.75 -2.04 0.00	60.92 -1.69 0.00	61.02 -1.12 0.00	62.58 -0.69 0.00	63.67 -0.45 0.00	67.41 -0.68 0.00	73.64 -0.52 0.00	75.38 -2.33 0.00	79.24 -2.54 0.00	71.17 -2.73 0.00	64.56 -2.62 0.00	60.93 -1.69 0.00	55.28 -0.96 0.00	48.74 -0.84 0.00	44.13 -0.58 0.00

STATE_CA_115KV_115_LB 55624	47.45 1.56 0.00	44.17 1.45 0.00	44.23 1.45 0.00	43.70 1.44 0.00	45.13 1.44 0.00	46.45 1.53 0.00	60.81 1.77 0.00	71.66 1.95 0.00	69.96 2.04 0.00	65.51 1.72 0.00	64.23 1.63 0.00	63.57 1.43 0.00	64.86 1.58 0.00	65.79 1.67 0.00	69.79 1.70 0.00	76.08 1.93 0.00	80.04 2.33 0.00	84.14 2.37 0.00	76.12 2.22 0.00	69.13 1.95 0.00	64.56 1.94 0.00	58.50 1.69 -0.58	50.98 1.39 0.00	46.05 1.34 0.00
STATE_ST_34_KV_LOAD 55959	45.62 -0.28 0.00	42.42 -0.30 0.00	42.48 -0.30 0.00	41.97 -0.30 0.00	43.38 -0.31 0.00	44.61 -0.31 0.00	58.81 -0.24 0.00	69.78 0.07 0.00	67.79 -0.14 0.00	63.66 -0.13 0.00	62.54 -0.06 0.00	62.20 0.06 0.00	63.21 -0.06 0.00	63.99 -0.13 0.00	67.95 -0.14 0.00	73.93 -0.22 0.00	77.32 -0.39 0.00	81.69 -0.08 0.00	73.83 -0.07 0.00	67.12 -0.07 0.00	62.43 -0.19 0.00	55.85 -0.45 -0.06	49.24 -0.35 0.00	44.40 -0.31 0.00
STATION_5_MISC_HYD 23604	45.30 -0.60 0.00	42.04 -0.69 0.00	42.09 -0.69 0.00	41.63 -0.63 0.00	43.21 -0.48 0.00	43.80 -1.12 0.00	57.57 -1.47 0.00	68.24 -1.47 0.00	66.09 -1.83 0.00	62.65 -1.15 0.00	61.60 -1.00 0.00	61.70 -0.43 0.00	62.39 -0.89 0.00	63.09 -1.03 0.00	67.13 -0.95 0.00	72.89 -1.26 0.00	75.93 -1.78 0.00	79.89 -1.88 0.00	72.05 -1.84 0.00	65.44 -1.75 0.00	60.74 -1.88 0.00	54.49 -1.80 -0.06	48.15 -1.44 0.00	43.73 -0.98 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	45.16 -0.73 0.00	41.95 -0.77 0.00	42.01 -0.77 0.00	41.55 -0.72 0.00	43.03 -0.66 0.00	43.89 -1.03 0.00	57.80 -1.24 0.00	68.52 -1.19 0.00	66.50 -1.43 0.00	62.83 -0.96 0.00	61.79 -0.81 0.00	61.76 -0.37 0.00	62.52 -0.76 0.00	63.22 -0.90 0.00	67.20 -0.89 0.00	73.12 -1.04 0.00	76.08 -1.63 0.00	80.30 -1.47 0.00	72.35 -1.55 0.00	65.77 -1.41 0.00	61.12 -1.50 0.00	54.83 -1.46 -0.05	48.35 -1.24 0.00	43.82 -0.89 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	44.98 -0.92 0.00	41.74 -0.98 0.00	41.79 -0.98 0.00	41.33 -0.93 0.00	42.86 -0.83 0.00	43.53 -1.39 0.00	57.21 -1.83 0.00	67.82 -1.88 0.00	65.75 -2.17 0.00	62.32 -1.47 0.00	61.23 -1.38 0.00	61.33 -0.81 0.00	62.07 -1.20 0.00	62.71 -1.41 0.00	66.66 -1.43 0.00	72.45 -1.71 0.00	75.30 -2.41 0.00	79.48 -2.29 0.00	71.53 -2.36 0.00	65.03 -2.15 0.00	60.43 -2.19 0.00	54.27 -2.02 -0.05	47.90 -1.69 0.00	43.50 -1.21 0.00
STA_56___34_KV_BUS2 355983	44.98 -0.92 0.00	41.74 -0.98 0.00	41.79 -0.98 0.00	41.33 -0.93 0.00	42.86 -0.83 0.00	43.53 -1.39 0.00	57.21 -1.83 0.00	67.82 -1.88 0.00	65.75 -2.17 0.00	62.32 -1.47 0.00	61.23 -1.38 0.00	61.33 -0.81 0.00	62.07 -1.20 0.00	62.71 -1.41 0.00	66.66 -1.43 0.00	72.45 -1.71 0.00	75.30 -2.41 0.00	79.48 -2.29 0.00	71.53 -2.36 0.00	65.03 -2.15 0.00	60.43 -2.19 0.00	54.27 -2.02 -0.05	47.90 -1.69 0.00	43.50 -1.21 0.00
STA_67___115KV_BK2 355882	45.25 -0.64 0.00	41.95 -0.77 0.00	42.05 -0.73 0.00	41.59 -0.68 0.00	43.07 -0.61 0.00	43.75 -1.17 0.00	57.45 -1.59 0.00	68.10 -1.60 0.00	65.95 -1.97 0.00	62.52 -1.28 0.00	61.42 -1.19 0.00	61.52 -0.62 0.00	62.20 -1.08 0.00	62.90 -1.22 0.00	66.79 -1.29 0.00	72.67 -1.48 0.00	75.53 -2.18 0.00	79.73 -2.04 0.00	71.76 -2.14 0.00	65.24 -1.95 0.00	60.62 -2.00 0.00	54.44 -1.86 -0.06	48.05 -1.54 0.00	43.68 -1.03 0.00
STA_7___115KV_9TRANS 80674	45.48 -0.41 0.00	42.17 -0.56 0.00	42.22 -0.56 0.00	41.76 -0.51 0.00	43.29 -0.39 0.00	43.93 -0.99 0.00	57.80 -1.24 0.00	68.52 -1.19 0.00	66.36 -1.56 0.00	62.96 -0.83 0.00	61.92 -0.69 0.00	62.01 -0.12 0.00	62.77 -0.51 0.00	63.41 -0.71 0.00	67.41 -0.68 0.00	73.26 -0.89 0.00	76.16 -1.55 0.00	80.38 -1.39 0.00	72.35 -1.55 0.00	65.71 -1.48 0.00	61.05 -1.57 0.00	54.78 -1.52 -0.06	48.35 -1.24 0.00	43.91 -0.80 0.00
STA_82___115KV_TB1 80780	45.21 -0.69 0.00	41.95 -0.77 0.00	42.01 -0.77 0.00	41.55 -0.72 0.00	43.07 -0.61 0.00	43.71 -1.21 0.00	57.45 -1.59 0.00	68.03 -1.67 0.00	65.89 -2.04 0.00	62.45 -1.34 0.00	61.35 -1.25 0.00	61.45 -0.68 0.00	62.14 -1.14 0.00	62.84 -1.28 0.00	66.73 -1.36 0.00	72.60 -1.56 0.00	75.46 -2.25 0.00	79.65 -2.13 0.00	71.76 -2.14 0.00	65.17 -2.02 0.00	60.55 -2.07 0.00	54.38 -1.91 -0.06	48.05 -1.54 0.00	43.64 -1.07 0.00
STEEL___WIND 323596	45.16 -0.74 0.00	41.95 -0.77 0.00	41.92 -0.86 0.00	41.54 -0.72 0.00	43.12 -0.57 0.00	43.35 -1.57 0.00	56.80 -2.24 0.00	67.06 -2.65 0.00	64.53 -3.39 0.00	61.24 -2.55 0.00	60.29 -2.32 0.00	60.15 -1.99 0.00	60.87 -2.40 0.00	61.55 -2.57 0.00	65.16 -2.93 0.00	70.89 -3.26 0.00	73.51 -4.20 0.00	77.69 -4.09 0.00	70.21 -3.69 0.00	63.76 -3.42 0.00	58.99 -3.63 0.00	51.71 -4.61 -0.08	47.31 -2.28 0.00	43.28 -1.43 0.00
STEPHTWN_115KV_BK_2 55603	47.64 1.74 0.00	44.34 1.62 0.00	44.45 1.67 0.00	43.87 1.61 0.00	45.35 1.66 0.00	46.67 1.75 0.00	61.23 2.18 0.00	72.15 2.44 0.00	70.37 2.45 0.00	65.83 2.04 0.00	64.61 2.00 0.00	63.94 1.80 0.00	65.17 1.90 0.00	66.11 1.99 0.00	70.13 2.04 0.00	76.45 2.30 0.00	80.43 2.72 0.00	84.72 2.94 0.00	76.63 2.73 0.00	69.54 2.35 0.00	65.00 2.38 0.00	58.84 2.02 -0.58	51.32 1.74 0.00	46.32 1.61 0.00
STEBEN_REC_LFGE 323667	45.02 -0.87 0.00	41.91 -0.81 0.00	41.92 -0.86 0.00	41.67 -0.59 0.00	43.21 -0.48 0.00	44.07 -0.85 0.00	58.22 -0.83 0.00	68.73 -0.98 0.00	66.29 -1.63 0.00	62.52 -1.28 0.00	61.54 -1.06 0.00	61.20 -0.93 0.00	61.95 -1.33 0.00	62.45 -1.67 0.00	66.11 -1.97 0.00	71.93 -2.22 0.00	74.83 -2.88 0.00	79.40 -2.37 0.00	71.46 -2.44 0.00	64.97 -2.22 0.00	60.30 -2.32 0.00	53.03 -3.32 -0.11	48.00 -1.59 0.00	43.50 -1.21 0.00
STILLWATER___SOLAR 323814	48.46 2.57 0.00	45.07 2.35 0.00	45.17 2.39 0.00	44.63 2.37 0.00	46.09 2.40 0.00	47.48 2.56 0.00	61.99 2.95 0.00	72.98 3.28 0.00	71.12 3.19 0.00	66.41 2.62 0.00	65.17 2.57 0.00	64.44 2.30 0.00	65.68 2.40 0.00	66.55 2.44 0.00	70.61 2.52 0.00	77.12 2.97 0.00	81.05 3.34 0.00	85.45 3.68 0.00	77.37 3.47 0.00	70.21 3.03 0.00	65.75 3.13 0.00	59.93 3.09 -0.60	52.31 2.73 0.00	47.04 2.32 0.00
STONY___BROOK 24151	49.62 3.72 -0.01	45.88 3.16 0.00	45.64 2.87 0.00	45.05 2.79 0.00	46.79 3.10 0.00	48.62 3.68 -0.01	63.72 4.66 -0.01	73.12 3.41 0.00	71.45 3.53 0.00	67.23 3.44 0.00	66.17 3.57 0.00	65.68 3.54 0.00	66.50 3.23 0.00	67.84 3.72 0.00	71.56 3.47 0.00	76.38 2.22 0.00	82.70 4.98 -0.01	87.09 5.31 -0.01	79.15 5.25 -0.01	71.82 4.63 0.00	66.50 3.88 0.00	60.87 4.16 -0.47	56.99 3.92 -3.49	48.30 3.58 -0.01
STURGEON_POOL_HYD 23609	48.01 2.11 0.00	44.73 2.01 0.00	44.70 1.92 0.00	44.04 1.78 0.00	45.52 1.83 0.00	46.99 2.07 0.00	61.88 2.83 0.00	72.91 3.21 0.00	71.25 3.33 0.00	67.11 3.32 0.00	65.61 3.01 0.00	64.99 2.86 0.00	66.25 2.97 0.00	67.26 3.14 0.00	71.36 3.27 0.00	77.49 3.34 0.00	81.83 4.12 0.00	86.02 4.25 0.00	77.67 3.77 0.00	70.61 3.43 0.00	65.69 3.07 0.00	59.36 2.64 -0.48	51.92 2.33 0.00	46.63 1.92 0.00

ST_LAW_115_BK7_LBMP 345037	42.68 -3.21 0.00	39.77 -2.95 0.00	39.91 -2.87 0.00	40.02 -2.24 0.00	41.50 -2.18 0.00	42.77 -2.16 0.00	56.15 -2.89 0.00	66.85 -2.86 0.00	65.75 -2.18 0.00	61.75 -2.04 0.00	60.92 -1.69 0.00	61.02 -1.12 0.00	62.58 -0.69 0.00	63.67 -0.45 0.00	67.47 -0.61 0.00	73.64 -0.52 0.00	75.38 -2.33 0.00	79.24 -2.54 0.00	71.17 -2.73 0.00	64.50 -2.69 0.00	60.93 -1.69 0.00	55.28 -0.96 0.00	48.74 -0.84 0.00	44.18 -0.53 0.00
ST_LAW_115_BK8_LBMP 345038	42.68 -3.21 0.00	39.77 -2.95 0.00	39.91 -2.87 0.00	40.02 -2.24 0.00	41.50 -2.18 0.00	42.77 -2.16 0.00	56.15 -2.89 0.00	66.85 -2.86 0.00	65.75 -2.18 0.00	61.75 -2.04 0.00	60.92 -1.69 0.00	61.02 -1.12 0.00	62.58 -0.69 0.00	63.67 -0.45 0.00	67.47 -0.61 0.00	73.64 -0.52 0.00	75.38 -2.33 0.00	79.24 -2.54 0.00	71.17 -2.73 0.00	64.50 -2.69 0.00	60.93 -1.69 0.00	55.28 -0.96 0.00	48.74 -0.84 0.00	44.18 -0.53 0.00
ST_LAW_230_BK5_LBMP 345035	42.73 -3.17 0.00	39.81 -2.91 0.00	39.95 -2.82 0.00	40.06 -2.20 0.00	41.55 -2.14 0.00	42.77 -2.16 0.00	56.21 -2.83 0.00	66.92 -2.79 0.00	65.75 -2.18 0.00	61.75 -2.04 0.00	60.92 -1.69 0.00	61.02 -1.12 0.00	62.58 -0.69 0.00	63.67 -0.45 0.00	67.41 -0.68 0.00	73.64 -0.52 0.00	75.38 -2.33 0.00	79.24 -2.54 0.00	71.17 -2.73 0.00	64.56 -2.62 0.00	60.93 -1.69 0.00	55.28 -0.96 0.00	48.74 -0.84 0.00	44.13 -0.58 0.00
ST_LAW_230_BK6_LBMP 345036	42.73 -3.17 0.00	39.81 -2.91 0.00	39.95 -2.82 0.00	40.06 -2.20 0.00	41.55 -2.14 0.00	42.77 -2.16 0.00	56.21 -2.83 0.00	66.92 -2.79 0.00	65.75 -2.18 0.00	61.75 -2.04 0.00	60.92 -1.69 0.00	61.02 -1.12 0.00	62.58 -0.69 0.00	63.67 -0.45 0.00	67.41 -0.68 0.00	73.64 -0.52 0.00	75.38 -2.33 0.00	79.24 -2.54 0.00	71.17 -2.73 0.00	64.56 -2.62 0.00	60.93 -1.69 0.00	55.28 -0.96 0.00	48.74 -0.84 0.00	44.13 -0.58 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	47.96 2.07 0.00	44.69 1.97 0.00	44.62 1.84 0.00	43.95 1.69 0.00	45.43 1.75 0.00	46.90 1.98 0.00	61.76 2.72 0.00	72.70 3.00 0.00	70.98 3.06 0.00	66.79 3.00 0.00	65.42 2.82 0.00	64.81 2.67 0.00	66.06 2.78 0.00	67.00 2.89 0.00	71.08 3.00 0.00	77.27 3.11 0.00	81.44 3.73 0.00	85.70 3.93 0.00	77.37 3.47 0.00	70.34 3.16 0.00	65.50 2.88 0.00	59.26 2.59 0.00	51.82 2.23 0.00	46.59 1.88 0.00
SWANROAD_115KV_TB1 355699	44.88 -1.01 0.00	41.65 -1.07 0.00	41.66 -1.11 0.00	41.29 -0.97 0.00	42.77 -0.92 0.00	42.18 -2.74 0.00	55.03 -4.01 0.00	64.97 -4.74 0.00	62.15 -5.77 0.00	59.20 -4.59 0.00	58.22 -4.38 0.00	58.16 -3.98 0.00	58.78 -4.49 0.00	59.37 -4.74 0.00	62.71 -5.38 0.00	68.74 -5.41 0.00	70.87 -6.84 0.00	75.23 -6.54 0.00	67.77 -6.13 0.00	61.61 -5.58 0.00	57.17 -5.45 0.00	50.86 -5.46 -0.07	45.92 -3.67 0.00	42.16 -2.55 0.00
SYNERGY___BIOGAS 323694	45.94 0.05 0.00	42.55 -0.17 0.00	42.61 -0.17 0.00	42.18 -0.08 0.00	43.82 0.13 0.00	43.80 -1.12 0.00	57.51 -1.54 0.00	68.17 -1.53 0.00	65.55 -2.38 0.00	62.26 -1.53 0.00	61.17 -1.44 0.00	61.27 -0.87 0.00	61.82 -1.46 0.00	62.45 -1.67 0.00	66.18 -1.91 0.00	72.23 -1.93 0.00	74.83 -2.88 0.00	79.32 -2.45 0.00	71.46 -2.44 0.00	64.97 -2.22 0.00	60.24 -2.38 0.00	53.60 -2.70 -0.07	48.00 -1.59 0.00	43.82 -0.89 0.00
SYRACUSE___ENERGY_ST1 323597	45.34 -0.55 0.00	42.21 -0.51 0.00	42.26 -0.51 0.00	41.80 -0.46 0.00	43.16 -0.52 0.00	44.38 -0.54 0.00	58.39 -0.65 0.00	69.08 -0.63 0.00	67.25 -0.68 0.00	63.22 -0.57 0.00	62.17 -0.44 0.00	61.76 -0.37 0.00	62.83 -0.44 0.00	63.61 -0.51 0.00	67.61 -0.48 0.00	73.49 -0.67 0.00	76.93 -0.78 0.00	81.12 -0.65 0.00	73.23 -0.67 0.00	66.65 -0.54 0.00	61.93 -0.69 0.00	55.50 -0.79 -0.05	48.99 -0.60 0.00	44.18 -0.54 0.00
SYRACUSE___ENERGY_ST2 323598	45.34 -0.55 0.00	42.21 -0.51 0.00	42.26 -0.51 0.00	41.80 -0.46 0.00	43.16 -0.52 0.00	44.38 -0.54 0.00	58.39 -0.65 0.00	69.08 -0.63 0.00	67.25 -0.68 0.00	63.22 -0.57 0.00	62.17 -0.44 0.00	61.76 -0.37 0.00	62.83 -0.44 0.00	63.61 -0.51 0.00	67.61 -0.48 0.00	73.49 -0.67 0.00	76.93 -0.78 0.00	81.12 -0.65 0.00	73.23 -0.67 0.00	66.65 -0.54 0.00	61.93 -0.69 0.00	55.50 -0.79 -0.05	48.99 -0.60 0.00	44.18 -0.54 0.00
SYRACUSE___POWER 24017	45.34 -0.55 0.00	42.21 -0.51 0.00	42.22 -0.56 0.00	41.76 -0.51 0.00	43.12 -0.57 0.00	44.34 -0.58 0.00	58.34 -0.71 0.00	68.73 -0.98 0.00	66.91 -1.02 0.00	62.90 -0.89 0.00	61.86 -0.75 0.00	61.45 -0.68 0.00	62.52 -0.76 0.00	63.28 -0.83 0.00	67.27 -0.82 0.00	73.19 -0.96 0.00	76.78 -0.93 0.00	80.95 -0.82 0.00	73.16 -0.74 0.00	66.51 -0.67 0.00	61.87 -0.75 0.00	55.44 -0.84 -0.05	48.94 -0.64 0.00	44.13 -0.58 0.00
TALLMAN_138KV_BK151 55660	48.14 2.25 0.00	44.86 2.14 0.00	44.74 1.97 0.00	44.08 1.82 0.00	45.52 1.83 0.00	47.08 2.16 0.00	62.00 2.95 0.00	72.91 3.21 0.00	71.19 3.26 0.00	66.98 3.19 0.00	65.61 3.01 0.00	65.06 2.92 0.00	66.25 2.97 0.00	67.20 3.08 0.00	71.29 3.20 0.00	77.42 3.26 0.00	81.67 3.96 0.00	85.94 4.17 0.00	77.59 3.69 0.00	70.48 3.29 0.00	65.63 3.01 0.00	59.50 2.81 -0.45	51.97 2.38 0.00	46.72 2.01 0.00
TEALLAVE_115KV_TB7 355573	45.16 -0.73 0.00	42.04 -0.68 0.00	42.05 -0.73 0.00	41.59 -0.68 0.00	42.99 -0.70 0.00	44.16 -0.76 0.00	58.04 -1.00 0.00	68.66 -1.05 0.00	66.84 -1.09 0.00	62.83 -0.96 0.00	61.73 -0.88 0.00	61.33 -0.81 0.00	62.39 -0.89 0.00	63.16 -0.96 0.00	67.13 -0.95 0.00	73.04 -1.11 0.00	76.47 -1.24 0.00	80.54 -1.23 0.00	72.72 -1.18 0.00	66.11 -1.07 0.00	61.49 -1.13 0.00	55.16 -1.12 -0.04	48.70 -0.89 0.00	43.95 -0.76 0.00
TELGRAPH_34_KV_EAST 80808	45.44 -0.46 0.00	42.12 -0.60 0.00	42.18 -0.60 0.00	41.76 -0.51 0.00	43.29 -0.39 0.00	43.13 -1.80 0.00	56.45 -2.60 0.00	66.85 -2.86 0.00	64.12 -3.80 0.00	60.98 -2.81 0.00	59.98 -2.63 0.00	60.02 -2.11 0.00	60.62 -2.66 0.00	61.23 -2.89 0.00	64.82 -3.27 0.00	70.82 -3.34 0.00	73.20 -4.51 0.00	77.60 -4.17 0.00	69.91 -3.99 0.00	63.56 -3.63 0.00	58.93 -3.69 0.00	52.43 -3.88 -0.07	47.11 -2.48 0.00	43.10 -1.61 0.00
TEMPLE___115KV_TB 2 55572	45.16 -0.73 0.00	42.04 -0.68 0.00	42.09 -0.68 0.00	41.59 -0.68 0.00	42.99 -0.70 0.00	44.16 -0.76 0.00	58.04 -1.00 0.00	68.66 -1.05 0.00	66.84 -1.09 0.00	62.83 -0.96 0.00	61.79 -0.81 0.00	61.39 -0.75 0.00	62.45 -0.82 0.00	63.22 -0.90 0.00	67.20 -0.89 0.00	73.12 -1.04 0.00	76.47 -1.24 0.00	80.54 -1.23 0.00	72.79 -1.11 0.00	66.18 -1.01 0.00	61.56 -1.06 0.00	55.16 -1.12 -0.04	48.70 -0.89 0.00	43.95 -0.76 0.00
TIANA____69_KV_BK 1 55817	50.17 4.27 -0.01	46.35 3.63 0.00	46.07 3.29 0.00	45.52 3.25 0.00	47.27 3.58 0.00	49.15 4.22 -0.01	64.48 5.43 -0.01	74.03 4.32 0.00	71.73 3.80 0.00	68.07 4.27 0.00	67.05 4.45 0.00	66.24 4.10 0.00	66.76 3.48 0.00	68.41 4.30 0.00	72.17 4.09 0.00	76.75 2.60 0.00	84.40 6.68 -0.01	88.57 6.79 -0.01	80.34 6.43 -0.01	72.29 5.11 0.00	66.57 3.95 0.00	61.04 4.33 -0.47	56.88 3.82 -3.48	48.57 3.85 -0.01

TILDEN___115KV_TB1 80814	45.34 -0.55 0.00	42.21 -0.51 0.00	42.22 -0.56 0.00	41.76 -0.51 0.00	43.12 -0.57 0.00	44.34 -0.58 0.00	58.34 -0.71 0.00	68.73 -0.98 0.00	66.91 -1.02 0.00	62.90 -0.89 0.00	61.86 -0.75 0.00	61.45 -0.68 0.00	62.52 -0.76 0.00	63.28 -0.83 0.00	67.27 -0.82 0.00	73.19 -0.96 0.00	76.78 -0.93 0.00	80.95 -0.82 0.00	73.16 -0.74 0.00	66.51 -0.67 0.00	61.87 -0.75 0.00	55.44 -0.84 -0.05	48.94 -0.64 0.00	44.13 -0.58 0.00
TRIGEN___CC 323695	48.98 3.07 -0.01	45.50 2.78 0.00	45.30 2.52 0.00	44.67 2.41 0.00	46.35 2.66 0.00	47.90 2.96 -0.01	63.07 4.01 -0.01	73.33 3.62 0.00	71.25 3.33 0.00	67.30 3.51 0.00	66.24 3.63 0.00	65.74 3.60 0.00	66.82 3.54 0.00	67.90 3.78 0.00	71.76 3.68 0.00	77.57 3.41 0.00	82.93 5.21 -0.01	87.26 5.48 -0.01	78.79 4.88 -0.01	71.62 4.43 0.00	66.50 3.88 0.00	60.37 3.66 -0.48	57.83 3.22 -5.01	47.54 2.82 -0.01
TRINITY___115KV___4 BK 55933	47.27 1.38 0.00	44.00 1.28 0.00	44.06 1.28 0.00	43.53 1.27 0.00	44.95 1.27 0.00	46.27 1.35 0.00	60.58 1.54 0.00	71.38 1.67 0.00	69.62 1.70 0.00	65.13 1.34 0.00	63.92 1.31 0.00	63.26 1.12 0.00	64.48 1.20 0.00	65.40 1.28 0.00	69.38 1.29 0.00	75.64 1.48 0.00	79.65 1.94 0.00	83.73 1.96 0.00	75.75 1.85 0.00	68.86 1.68 0.00	64.25 1.63 0.00	58.28 1.46 -0.58	50.78 1.19 0.00	45.87 1.16 0.00
UNION___PROCESSING_DRP 323587	45.21 -0.69 0.00	41.95 -0.77 0.00	42.01 -0.77 0.00	41.55 -0.72 0.00	43.07 -0.61 0.00	43.71 -1.21 0.00	57.45 -1.59 0.00	68.03 -1.67 0.00	65.89 -2.04 0.00	62.45 -1.34 0.00	61.42 -1.19 0.00	61.45 -0.68 0.00	62.20 -1.08 0.00	62.84 -1.28 0.00	66.73 -1.36 0.00	72.60 -1.56 0.00	75.46 -2.25 0.00	79.65 -2.13 0.00	71.76 -2.14 0.00	65.17 -2.02 0.00	60.55 -2.07 0.00	54.38 -1.91 -0.06	48.05 -1.54 0.00	43.68 -1.03 0.00
UPPER HUDSON___HYD 24058	49.02 3.12 0.00	45.54 2.82 0.00	45.64 2.87 0.00	45.14 2.88 0.00	46.61 2.93 0.00	48.11 3.19 0.00	61.88 2.83 0.00	72.70 3.00 0.00	70.84 2.92 0.00	66.15 2.36 0.00	64.98 2.38 0.00	64.18 2.05 0.00	65.43 2.15 0.00	66.17 2.05 0.00	70.13 2.04 0.00	76.46 2.30 0.00	80.35 2.64 0.00	84.80 3.03 0.00	76.78 2.88 0.00	69.60 2.42 0.00	65.50 2.88 0.00	60.66 3.83 -0.60	52.96 3.37 0.00	47.62 2.90 0.00
UPPER RAQUET___HYD 24056	43.05 -2.85 0.00	40.11 -2.61 0.00	40.21 -2.57 0.00	40.32 -1.94 0.00	41.81 -1.88 0.00	42.86 -2.07 0.00	56.03 -3.01 0.00	66.78 -2.93 0.00	65.89 -2.04 0.00	61.75 -2.04 0.00	60.92 -1.69 0.00	61.02 -1.12 0.00	62.58 -0.69 0.00	63.80 -0.32 0.00	67.54 -0.55 0.00	73.56 -0.60 0.00	75.07 -2.64 0.00	78.83 -2.94 0.00	70.80 -3.10 0.00	64.16 -3.02 0.00	60.80 -1.82 0.00	55.29 -0.96 -0.01	48.85 -0.74 0.00	44.49 -0.22 0.00
VALLEY44_115KV_TB2 355964	45.16 -0.73 0.00	42.04 -0.68 0.00	42.05 -0.73 0.00	41.59 -0.68 0.00	43.03 -0.66 0.00	43.66 -1.26 0.00	57.57 -1.48 0.00	67.82 -1.88 0.00	64.94 -2.99 0.00	61.30 -2.49 0.00	60.35 -2.25 0.00	60.09 -2.05 0.00	60.81 -2.47 0.00	61.49 -2.63 0.00	64.95 -3.13 0.00	70.82 -3.34 0.00	73.44 -4.27 0.00	78.01 -3.76 0.00	70.35 -3.55 0.00	63.96 -3.22 0.00	59.24 -3.38 0.00	50.59 -5.74 -0.09	47.55 -2.03 0.00	43.42 -1.30 0.00
VALLEY___115KV_TB 1-4 80826	48.33 2.43 0.00	45.03 2.31 0.00	45.04 2.27 0.00	44.50 2.24 0.00	46.00 2.32 0.00	47.35 2.43 0.00	62.17 3.13 0.00	73.47 3.76 0.00	71.52 3.60 0.00	67.17 3.38 0.00	66.24 3.63 0.00	65.74 3.60 0.00	66.95 3.67 0.00	67.77 3.65 0.00	71.90 3.81 0.00	78.08 3.93 0.00	81.36 3.65 0.00	85.45 3.68 0.00	77.15 3.25 0.00	70.21 3.02 0.00	65.56 2.94 0.00	59.05 2.81 0.00	52.07 2.48 0.00	47.04 2.33 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	47.55 1.65 0.00	44.34 1.62 0.00	44.36 1.58 0.00	43.78 1.52 0.00	45.30 1.62 0.00	46.67 1.75 0.00	61.46 2.42 0.00	72.77 3.07 0.00	70.91 2.99 0.00	66.66 2.87 0.00	65.55 2.94 0.00	64.99 2.86 0.00	66.12 2.85 0.00	67.00 2.89 0.00	71.29 3.20 0.00	77.42 3.26 0.00	81.13 3.42 0.00	85.53 3.76 0.00	77.00 3.10 0.00	70.01 2.82 0.00	65.31 2.69 0.00	58.64 2.19 -0.21	51.42 1.83 0.00	46.32 1.61 0.00
VISCHER___FERRY HYD 24020	47.91 2.02 0.00	44.56 1.84 0.00	44.66 1.88 0.00	44.08 1.82 0.00	45.56 1.88 0.00	46.90 1.97 0.00	61.47 2.42 0.00	72.42 2.72 0.00	70.57 2.65 0.00	65.96 2.17 0.00	64.61 2.00 0.00	63.94 1.80 0.00	65.11 1.84 0.00	66.04 1.92 0.00	70.06 1.98 0.00	76.60 2.44 0.00	80.66 2.95 0.00	84.88 3.11 0.00	76.86 2.96 0.00	69.80 2.62 0.00	65.19 2.57 0.00	59.19 2.36 -0.59	51.62 2.03 0.00	46.45 1.74 0.00
V_A_10_SYNC_DSASP 323832	44.70 -1.19 0.00	41.48 -1.24 0.00	41.54 -1.24 0.00	41.12 -1.14 0.00	42.55 -1.14 0.00	42.90 -2.02 0.00	56.03 -3.01 0.00	66.22 -3.49 0.00	63.85 -4.08 0.00	60.60 -3.19 0.00	59.60 -3.01 0.00	59.59 -2.55 0.00	60.30 -2.97 0.00	60.85 -3.27 0.00	64.41 -3.68 0.00	70.30 -3.86 0.00	72.66 -5.05 0.00	76.95 -4.82 0.00	69.32 -4.58 0.00	63.02 -4.17 0.00	58.49 -4.13 0.00	52.59 -3.71 -0.06	46.76 -2.83 0.00	42.79 -1.92 0.00
V_CMM_10_SYNC_DSASP 323787	42.91 -2.98 0.00	39.99 -2.73 0.00	40.12 -2.65 0.00	40.28 -1.99 0.00	41.76 -1.92 0.00	42.99 -1.93 0.00	56.45 -2.60 0.00	67.27 -2.44 0.00	66.09 -1.83 0.00	62.07 -1.72 0.00	61.23 -1.38 0.00	61.33 -0.81 0.00	62.90 -0.38 0.00	64.05 -0.06 0.00	67.81 -0.27 0.00	74.08 -0.07 0.00	75.77 -1.94 0.00	79.65 -2.13 0.00	71.53 -2.36 0.00	64.83 -2.35 0.00	61.24 -1.38 0.00	55.56 -0.67 0.00	49.04 -0.55 0.00	44.40 -0.31 0.00
V_CMP_10_SYNC_DSASP 323788	42.91 -2.98 0.00	39.99 -2.73 0.00	40.17 -2.61 0.00	40.36 -1.90 0.00	41.90 -1.79 0.00	43.22 -1.71 0.00	56.86 -2.18 0.00	67.75 -1.95 0.00	66.63 -1.29 0.00	62.64 -1.15 0.00	61.86 -0.75 0.00	61.95 -0.19 0.00	63.59 0.32 0.00	64.76 0.64 0.00	68.56 0.48 0.00	74.90 0.74 0.00	76.62 -1.09 0.00	80.54 -1.23 0.00	72.27 -1.63 0.00	65.50 -1.68 0.00	61.87 -0.75 0.00	56.07 -0.17 0.00	49.49 -0.10 0.00	44.80 0.09 0.00
V_D_10_SYNC_DSASP 323841	43.28 -2.62 0.00	40.33 -2.39 0.00	40.42 -2.35 0.00	40.57 -1.69 0.00	42.07 -1.62 0.00	43.31 -1.62 0.00	56.80 -2.24 0.00	67.69 -2.02 0.00	66.50 -1.43 0.00	62.45 -1.34 0.00	61.60 -1.00 0.00	61.76 -0.37 0.00	63.34 0.06 0.00	64.50 0.38 0.00	68.29 0.20 0.00	74.60 0.44 0.00	76.23 -1.48 0.00	80.14 -1.64 0.00	71.98 -1.92 0.00	65.24 -1.95 0.00	61.62 -1.00 0.00	55.90 -0.34 0.00	49.39 -0.20 0.00	44.76 0.04 0.00
V_E_10_SYNC_DSASP 323830	47.73 1.84 0.00	44.60 1.88 0.00	44.49 1.71 0.00	43.91 1.65 0.00	45.61 1.92 0.00	47.21 2.29 0.00	62.59 3.54 0.00	74.73 5.02 0.00	72.41 4.48 0.00	67.81 4.02 0.00	66.80 4.19 0.00	66.18 4.04 0.00	67.20 3.92 0.00	68.16 4.04 0.00	72.92 4.83 0.00	79.20 5.04 0.00	82.92 5.21 0.00	87.66 5.89 0.00	78.55 4.66 0.00	71.62 4.43 0.00	66.82 4.20 0.00	59.32 2.92 -0.15	52.07 2.48 0.00	46.99 2.28 0.00



V_F_30_NSYNC___DSASP 323816	48.51 2.62 0.00	45.11 2.39 0.00	45.17 2.40 0.00	44.63 2.37 0.00	46.13 2.45 0.00	47.53 2.61 0.00	62.05 3.01 0.00	73.12 3.42 0.00	71.19 3.26 0.00	66.53 2.74 0.00	65.30 2.69 0.00	64.56 2.42 0.00	65.81 2.53 0.00	66.75 2.63 0.00	70.74 2.66 0.00	77.20 3.04 0.00	81.21 3.50 0.00	85.53 3.76 0.00	77.45 3.55 0.00	70.21 3.02 0.00	65.75 3.13 0.00	59.99 3.15 -0.60	52.36 2.78 0.00	47.08 2.37 0.00
V_F_30_SYNC_DSASP 323786	47.41 1.51 0.00	44.17 1.45 0.00	44.23 1.45 0.00	43.70 1.44 0.00	45.13 1.44 0.00	46.45 1.53 0.00	60.81 1.77 0.00	71.66 1.95 0.00	69.89 1.97 0.00	65.51 1.72 0.00	64.23 1.63 0.00	63.57 1.43 0.00	64.86 1.58 0.00	65.79 1.67 0.00	69.72 1.63 0.00	76.08 1.93 0.00	80.04 2.33 0.00	84.14 2.37 0.00	76.12 2.22 0.00	69.13 1.95 0.00	64.56 1.94 0.00	58.50 1.69 -0.58	50.98 1.39 0.00	46.05 1.34 0.00
V_XM_10_SYNC_DSASP 323789	42.91 -2.98 0.00	39.99 -2.73 0.00	40.17 -2.61 0.00	40.36 -1.90 0.00	41.90 -1.79 0.00	43.22 -1.71 0.00	56.86 -2.18 0.00	67.75 -1.95 0.00	66.63 -1.29 0.00	62.64 -1.15 0.00	61.86 -0.75 0.00	61.95 -0.19 0.00	63.59 0.32 0.00	64.76 0.64 0.00	68.56 0.48 0.00	74.90 0.74 0.00	76.62 -1.09 0.00	80.54 -1.23 0.00	72.27 -1.63 0.00	65.50 -1.68 0.00	61.87 -0.75 0.00	56.07 -0.17 0.00	49.49 -0.10 0.00	44.80 0.09 0.00
W.BABYLN_69_KV_BK1 56697	50.08 4.18 -0.01	46.31 3.59 0.00	46.07 3.29 0.00	45.48 3.21 0.00	47.22 3.54 0.00	49.02 4.09 -0.01	64.48 5.43 -0.01	74.59 4.88 0.00	72.34 4.42 0.00	68.32 4.53 0.00	67.30 4.70 0.00	66.86 4.72 0.00	67.89 4.62 0.00	69.18 5.07 0.00	73.06 4.97 0.00	78.75 4.60 0.00	84.95 7.23 -0.01	89.30 7.52 -0.01	80.78 6.87 -0.01	73.30 6.11 0.00	67.94 5.32 0.00	61.77 5.06 -0.47	57.86 4.56 -3.71	48.70 3.98 -0.01
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	48.33 2.43 0.00	45.03 2.31 0.00	44.92 2.14 0.00	44.25 1.99 0.00	45.74 2.05 0.00	47.26 2.34 0.00	62.23 3.19 0.00	73.19 3.49 0.00	71.52 3.60 0.00	67.36 3.57 0.00	65.99 3.38 0.00	65.37 3.23 0.00	66.63 3.35 0.00	67.58 3.46 0.00	71.70 3.61 0.00	77.86 3.71 0.00	82.14 4.43 0.00	86.43 4.66 0.00	78.04 4.14 0.00	70.88 3.70 0.00	66.00 3.38 0.00	59.78 3.09 -0.45	52.22 2.63 0.00	46.90 2.19 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	48.56 2.66 0.00	45.16 2.44 0.00	45.09 2.31 0.00	44.38 2.11 0.00	45.83 2.14 0.00	47.44 2.52 0.00	62.70 3.66 0.00	73.75 4.04 0.00	72.20 4.28 0.00	68.52 4.21 -0.52	66.69 4.01 -0.07	66.35 3.91 -0.30	67.58 3.92 -0.39	68.45 4.04 -0.30	72.24 4.15 0.00	78.53 4.38 0.00	82.84 5.13 0.00	87.17 5.40 0.00	78.63 4.73 0.00	71.42 4.23 0.00	66.57 3.95 0.00	60.30 3.60 -0.47	52.56 2.98 0.00	47.22 2.50 0.00
W50THST__13_KV_LOAD 356117	48.74 2.85 0.00	45.37 2.65 0.00	45.26 2.48 0.00	44.55 2.28 0.00	46.00 2.32 0.00	47.62 2.70 0.00	63.00 3.96 0.00	74.17 4.46 0.00	72.61 4.69 0.00	68.97 4.66 -0.52	67.12 4.45 -0.07	66.79 4.35 -0.30	68.03 4.37 -0.39	68.90 4.49 -0.30	72.72 4.63 0.00	78.98 4.82 0.00	83.30 5.60 0.00	87.66 5.89 0.00	79.00 5.10 0.00	71.75 4.57 0.00	66.88 4.26 0.00	60.58 3.88 -0.47	52.76 3.17 0.00	47.44 2.73 0.00
WADING RIVER_IC_1 23522	49.94 4.04 -0.01	46.14 3.42 0.00	45.90 3.12 0.00	45.31 3.04 0.00	47.05 3.36 0.00	48.93 4.00 -0.01	64.19 5.13 -0.01	73.68 3.97 0.00	71.86 3.94 0.00	67.62 3.83 0.00	66.74 4.13 0.00	65.80 3.67 0.00	66.25 2.97 0.00	67.97 3.85 0.00	71.76 3.67 0.00	75.56 1.41 0.00	83.70 5.98 -0.01	88.16 6.38 -0.01	79.82 5.91 -0.01	71.96 4.77 0.00	66.13 3.50 0.00	60.82 4.10 -0.47	56.68 3.62 -3.47	48.48 3.76 -0.01
WADING RIVER_IC_2 23547	49.94 4.04 -0.01	46.14 3.42 0.00	45.90 3.12 0.00	45.31 3.04 0.00	47.05 3.36 0.00	48.93 4.00 -0.01	64.19 5.13 -0.01	73.68 3.97 0.00	71.86 3.94 0.00	67.62 3.83 0.00	66.74 4.13 0.00	65.80 3.67 0.00	66.25 2.97 0.00	67.97 3.85 0.00	71.76 3.67 0.00	75.56 1.41 0.00	83.70 5.98 -0.01	88.16 6.38 -0.01	79.82 5.91 -0.01	71.96 4.77 0.00	66.13 3.50 0.00	60.82 4.10 -0.47	56.68 3.62 -3.47	48.48 3.76 -0.01
WADING RIVER_IC_3 23601	49.94 4.04 -0.01	46.14 3.42 0.00	45.90 3.12 0.00	45.31 3.04 0.00	47.05 3.36 0.00	48.93 4.00 -0.01	64.19 5.13 -0.01	73.68 3.97 0.00	71.86 3.94 0.00	67.62 3.83 0.00	66.74 4.13 0.00	65.80 3.67 0.00	66.25 2.97 0.00	67.97 3.85 0.00	71.76 3.67 0.00	75.56 1.41 0.00	83.70 5.98 -0.01	88.16 6.38 -0.01	79.82 5.91 -0.01	71.96 4.77 0.00	66.13 3.50 0.00	60.82 4.10 -0.47	56.68 3.62 -3.47	48.48 3.76 -0.01
WALDENNY_12_KV_BK2 80841	45.25 -0.64 0.00	42.04 -0.68 0.00	42.09 -0.68 0.00	41.67 -0.59 0.00	43.21 -0.48 0.00	43.35 -1.57 0.00	56.80 -2.24 0.00	67.06 -2.65 0.00	64.39 -3.53 0.00	61.24 -2.55 0.00	60.29 -2.32 0.00	60.15 -1.99 0.00	60.87 -2.40 0.00	61.49 -2.63 0.00	64.95 -3.13 0.00	70.89 -3.26 0.00	73.20 -4.51 0.00	77.60 -4.17 0.00	69.98 -3.92 0.00	63.62 -3.56 0.00	58.99 -3.63 0.00	51.82 -4.50 -0.08	47.31 -2.28 0.00	43.28 -1.43 0.00
WALDEN___HYDRO 24148	48.14 2.25 0.00	44.86 2.14 0.00	44.79 2.01 0.00	44.17 1.90 0.00	45.65 1.97 0.00	47.12 2.20 0.00	62.05 3.01 0.00	73.05 3.35 0.00	71.39 3.46 0.00	67.17 3.38 0.00	65.74 3.13 0.00	65.12 2.98 0.00	66.38 3.10 0.00	67.32 3.21 0.00	71.42 3.34 0.00	77.64 3.49 0.00	81.91 4.20 0.00	86.19 4.42 0.00	77.82 3.92 0.00	70.75 3.56 0.00	65.81 3.19 0.00	59.61 2.92 -0.45	52.07 2.48 0.00	46.77 2.06 0.00
WARRENSBURG____ 23737	49.02 3.12 0.00	45.54 2.82 0.00	45.64 2.87 0.00	45.14 2.87 0.00	46.61 2.93 0.00	48.11 3.19 0.00	61.88 2.83 0.00	72.77 3.07 0.00	70.85 2.92 0.00	66.15 2.36 0.00	64.99 2.38 0.00	64.25 2.11 0.00	65.43 2.15 0.00	66.23 2.12 0.00	70.13 2.04 0.00	76.45 2.30 0.00	80.35 2.64 0.00	84.80 3.03 0.00	76.78 2.88 0.00	69.54 2.35 0.00	65.50 2.88 0.00	60.66 3.82 -0.60	52.96 3.37 0.00	47.62 2.91 0.00
WATERSIDE___6 8 9 23538	48.74 2.85 0.00	45.37 2.65 0.00	45.22 2.44 0.00	44.46 2.20 0.00	45.96 2.27 0.00	47.53 2.61 0.00	62.82 3.78 0.00	73.82 4.11 0.00	72.15 4.21 -0.02	78.19 4.21 -10.19	68.08 4.07 -1.41	71.74 3.73 -5.88	74.57 3.73 -7.56	73.95 4.04 -5.79	72.26 4.15 -0.02	78.55 4.38 -0.02	82.84 5.13 0.00	87.18 5.40 -0.02	78.70 4.80 0.00	71.50 4.30 -0.02	66.64 4.01 -0.02	60.49 3.77 -0.48	52.76 3.17 0.00	47.39 2.68 0.00
WATKINRD_115KV_LN8_ILLION 55919	47.59 1.70 0.00	44.30 1.58 0.00	44.36 1.58 0.00	43.83 1.56 0.00	45.30 1.62 0.00	46.63 1.71 0.00	61.23 2.18 0.00	72.36 2.65 0.00	70.44 2.51 0.00	66.15 2.36 0.00	65.11 2.50 0.00	64.62 2.49 0.00	65.81 2.53 0.00	66.68 2.56 0.00	70.74 2.66 0.00	76.90 2.74 0.00	80.35 2.64 0.00	84.47 2.70 0.00	76.26 2.36 0.00	69.40 2.22 0.00	64.75 2.13 0.00	58.21 1.97 0.00	51.37 1.79 0.00	46.32 1.61 0.00

WDELAWARE___HYD 323627	48.37 2.48 0.00	45.07 2.35 0.00	45.04 2.27 0.00	44.38 2.11 0.00	45.91 2.23 0.00	47.39 2.47 0.00	62.41 3.36 0.00	73.54 3.83 0.00	71.93 4.01 0.00	67.68 3.89 0.00	66.11 3.50 0.00	65.49 3.35 0.00	66.75 3.48 0.00	67.77 3.65 0.00	71.83 3.74 0.00	78.16 4.00 0.00	82.53 4.82 0.00	86.93 5.15 0.00	78.41 4.51 0.00	71.28 4.10 0.00	66.31 3.69 0.00	59.98 3.32 -0.43	52.36 2.78 0.00	47.04 2.32 0.00
WEST BABYLON___IC 23714	50.08 4.18 -0.01	46.31 3.59 0.00	46.07 3.29 0.00	45.48 3.21 0.00	47.22 3.54 0.00	49.02 4.09 -0.01	64.48 5.43 -0.01	74.59 4.88 0.00	72.34 4.42 0.00	68.32 4.53 0.00	67.30 4.70 0.00	66.86 4.72 0.00	67.89 4.62 0.00	69.18 5.07 0.00	73.06 4.97 0.00	78.75 4.60 0.00	84.95 7.23 -0.01	89.30 7.52 -0.01	80.78 6.87 -0.01	73.30 6.11 0.00	67.94 5.32 0.00	61.77 5.06 -0.47	57.86 4.56 -3.71	48.70 3.98 -0.01
WEST CANADA___HYD 24049	46.03 0.14 0.00	42.85 0.13 0.00	42.91 0.13 0.00	42.39 0.13 0.00	43.82 0.13 0.00	45.10 0.18 0.00	59.28 0.24 0.00	69.99 0.28 0.00	68.20 0.27 0.00	64.05 0.26 0.00	62.86 0.25 0.00	62.39 0.25 0.00	63.53 0.25 0.00	64.44 0.32 0.00	68.43 0.34 0.00	74.45 0.30 0.00	78.02 0.31 0.00	82.10 0.33 0.00	74.12 0.22 0.00	67.39 0.20 0.00	62.87 0.25 0.00	56.46 0.23 0.00	49.79 0.20 0.00	44.89 0.18 0.00
WESTERN_NY_WIND 24143	45.89 0.00 0.00	42.51 -0.21 0.00	42.56 -0.21 0.00	42.18 -0.08 0.00	43.77 0.09 0.00	43.75 -1.17 0.00	57.39 -1.65 0.00	68.03 -1.67 0.00	65.41 -2.51 0.00	62.13 -1.66 0.00	61.04 -1.57 0.00	61.14 -0.99 0.00	61.69 -1.58 0.00	62.32 -1.80 0.00	66.04 -2.04 0.00	72.08 -2.08 0.00	74.68 -3.03 0.00	79.15 -2.62 0.00	71.31 -2.59 0.00	64.83 -2.35 0.00	60.12 -2.50 0.00	53.49 -2.81 -0.07	47.90 -1.69 0.00	43.73 -0.98 0.00
WESTOVER___LESR 323668	46.03 0.14 0.00	42.89 0.17 0.00	42.91 0.13 0.00	42.39 0.13 0.00	43.82 0.13 0.00	44.92 0.00 0.00	59.22 0.18 0.00	69.92 0.21 0.00	67.79 -0.14 0.00	63.73 -0.06 0.00	62.61 0.00 0.00	62.20 0.06 0.00	63.15 -0.13 0.00	63.99 -0.13 0.00	67.95 -0.14 0.00	74.01 -0.15 0.00	77.40 -0.31 0.00	81.69 -0.08 0.00	73.68 -0.22 0.00	67.05 -0.13 0.00	62.37 -0.25 0.00	55.61 -0.79 -0.16	49.44 -0.15 0.00	44.67 -0.04 0.00
WETHRSFD_WT_PWR 323626	44.66 -1.24 0.00	41.52 -1.20 0.00	41.58 -1.20 0.00	41.21 -1.05 0.00	42.85 -0.83 0.00	43.31 -1.62 0.00	56.86 -2.18 0.00	67.06 -2.65 0.00	64.53 -3.39 0.00	61.05 -2.74 0.00	60.10 -2.51 0.00	59.90 -2.23 0.00	60.74 -2.53 0.00	61.36 -2.76 0.00	64.96 -3.13 0.00	70.74 -3.41 0.00	73.44 -4.27 0.00	77.69 -4.09 0.00	70.21 -3.69 0.00	63.69 -3.50 0.00	59.05 -3.57 0.00	51.83 -4.50 -0.09	47.16 -2.43 0.00	42.97 -1.74 0.00
WHAVSTOR_138KV_BK127 55557	48.14 2.25 0.00	44.81 2.09 0.00	44.74 1.97 0.00	44.08 1.82 0.00	45.52 1.83 0.00	47.03 2.11 0.00	61.94 2.89 0.00	72.84 3.14 0.00	71.12 3.19 0.00	66.92 3.13 0.00	65.55 2.94 0.00	64.99 2.86 0.00	66.12 2.85 0.00	67.13 3.01 0.00	71.15 3.06 0.00	77.34 3.19 0.00	81.60 3.89 0.00	85.86 4.09 0.00	77.52 3.62 0.00	70.41 3.22 0.00	65.63 3.01 0.00	59.45 2.76 -0.45	51.92 2.33 0.00	46.72 2.01 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	48.14 2.25 0.00	44.81 2.09 0.00	44.74 1.97 0.00	44.08 1.82 0.00	45.52 1.83 0.00	47.03 2.11 0.00	61.94 2.89 0.00	72.84 3.14 0.00	71.12 3.19 0.00	66.92 3.13 0.00	65.55 2.94 0.00	64.99 2.86 0.00	66.12 2.85 0.00	67.13 3.01 0.00	71.15 3.06 0.00	77.34 3.19 0.00	81.60 3.89 0.00	85.86 4.09 0.00	77.52 3.62 0.00	70.41 3.22 0.00	65.63 3.01 0.00	59.45 2.76 -0.45	51.92 2.33 0.00	46.72 2.01 0.00
WHITEHAL_115KV_TB1 80871	49.52 3.63 0.00	46.01 3.29 0.00	46.11 3.34 0.00	45.56 3.30 0.00	47.09 3.41 0.00	48.65 3.73 0.00	62.94 3.90 0.00	73.96 4.25 0.00	71.86 3.94 0.00	66.98 3.19 0.00	65.86 3.26 0.00	64.99 2.86 0.00	66.19 2.91 0.00	67.07 2.95 0.00	70.95 2.86 0.00	77.42 3.26 0.00	81.44 3.73 0.00	86.19 4.42 0.00	78.19 4.29 0.00	70.68 3.49 0.00	66.63 4.01 0.00	61.39 4.56 -0.60	53.55 3.97 0.00	48.11 3.40 0.00
WHITEPLN_13_KV_LOAD 356215	48.69 2.80 0.00	45.33 2.61 0.00	45.22 2.44 0.00	44.59 2.32 0.00	46.00 2.32 0.00	47.57 2.65 0.00	62.88 3.84 0.00	73.89 4.18 0.00	72.27 4.35 0.00	68.13 4.34 0.00	66.86 4.26 0.00	66.24 4.10 0.00	67.45 4.18 0.00	68.41 4.30 0.00	72.58 4.49 0.00	78.75 4.60 0.00	83.23 5.52 0.00	87.41 5.64 0.00	78.92 5.03 0.00	71.75 4.57 0.00	66.82 4.20 0.00	60.41 3.71 -0.46	52.66 3.07 0.00	47.31 2.59 0.00
WM_FLOYD_69_KV_BK2 356380	49.85 3.95 -0.01	46.05 3.33 0.00	45.81 3.04 0.00	45.26 3.00 0.00	47.01 3.32 0.00	48.84 3.91 -0.01	64.07 5.02 -0.01	73.61 3.90 0.00	71.32 3.40 0.00	67.62 3.83 0.00	66.55 3.94 0.00	65.86 3.73 0.00	66.44 3.16 0.00	68.03 3.91 0.00	71.83 3.74 0.00	76.68 2.52 0.00	83.78 6.06 -0.01	87.91 6.13 -0.01	79.82 5.91 -0.01	71.95 4.77 0.00	66.50 3.88 0.00	60.93 4.22 -0.47	56.94 3.87 -3.48	48.43 3.71 -0.01
WOODARD___115KV_TB2 355635	45.07 -0.83 0.00	41.95 -0.77 0.00	42.01 -0.77 0.00	41.50 -0.76 0.00	42.90 -0.79 0.00	44.07 -0.85 0.00	57.98 -1.06 0.00	68.59 -1.12 0.00	66.77 -1.15 0.00	62.77 -1.02 0.00	61.67 -0.94 0.00	61.27 -0.87 0.00	62.33 -0.95 0.00	63.09 -1.03 0.00	67.07 -1.02 0.00	72.97 -1.19 0.00	76.39 -1.32 0.00	80.46 -1.31 0.00	72.64 -1.26 0.00	66.11 -1.07 0.00	61.49 -1.13 0.00	55.16 -1.12 -0.04	48.65 -0.94 0.00	43.91 -0.80 0.00
WOODMERE_69_KV_BK1 55827	49.49 3.58 -0.01	45.92 3.20 0.00	45.73 2.95 0.00	45.14 2.87 0.00	46.79 3.10 0.00	48.35 3.41 -0.01	63.72 4.66 -0.01	74.03 4.32 0.00	71.93 4.01 0.00	68.00 4.21 0.00	66.99 4.38 0.00	66.55 4.41 0.00	67.64 4.37 0.00	68.73 4.62 0.00	72.65 4.56 0.00	78.46 4.30 0.00	83.94 6.22 -0.01	88.41 6.62 -0.01	79.82 5.91 -0.01	72.56 5.37 0.00	67.32 4.70 0.00	60.99 4.27 -0.48	58.05 3.72 -4.75	48.03 3.31 -0.01
YORK___WARBASSE 23770	48.97 3.07 0.00	45.54 2.82 0.00	45.39 2.61 0.00	44.59 2.32 0.00	46.09 2.40 0.00	47.62 2.70 0.00	62.94 3.90 0.00	73.89 4.18 0.00	72.15 4.21 -0.02	78.19 4.21 -10.19	68.08 4.07 -1.41	71.34 3.36 -5.85	74.21 3.42 -7.52	74.01 4.10 -5.79	72.32 4.22 -0.02	78.62 4.45 -0.02	82.92 5.21 0.00	87.27 5.48 -0.02	78.78 4.88 0.00	71.57 4.37 -0.02	66.83 4.20 -0.02	60.66 3.94 -0.48	52.86 3.27 0.00	47.53 2.82 0.00