

Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion										
Generator Data		11/03/2025																										
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00			
59TH STREET_GT_1 24138	EST	46.79	40.70	39.17	38.50	38.45	45.87	64.56	69.42	62.32	52.22	49.33	49.45	50.22	53.52	56.87	60.98	77.48	89.26	84.39	74.33	66.34	57.72	49.93	44.83			
		3.18	2.63	2.53	2.42	2.38	3.12	4.50	5.02	5.41	5.09	4.65	4.78	4.94	5.17	5.50	5.43	6.82	8.41	7.32	6.39	5.42	4.74	4.31	3.66			
		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	-0.69	-1.75	0.00	0.00	0.00	-2.62	-2.58	-1.63	0.00			
74TH STREET_GT_1 24260	EST	46.84	40.78	39.24	38.57	38.49	45.91	64.56	69.35	62.27	52.22	49.33	49.45	50.22	53.52	56.87	60.98	77.48	89.26	84.39	74.33	66.34	57.77	49.97	44.91			
		3.23	2.70	2.60	2.49	2.42	3.16	4.50	4.96	5.35	5.09	4.65	4.78	4.94	5.17	5.50	5.43	6.82	8.41	7.32	6.39	5.42	4.79	4.35	3.75			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.69	-1.75	0.00	0.00	0.00	-2.62	-2.58	-1.63	0.00			
74TH STREET_GT_2 24261	EST	46.84	40.78	39.24	38.57	38.49	45.91	64.56	69.35	62.27	52.22	49.33	49.45	50.22	53.52	56.87	60.98	77.48	89.26	84.39	74.33	66.34	57.77	49.97	44.91			
		3.23	2.70	2.60	2.49	2.42	3.16	4.50	4.96	5.35	5.09	4.65	4.78	4.94	5.17	5.50	5.43	6.82	8.41	7.32	6.39	5.42	4.79	4.35	3.75			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.69	-1.75	0.00	0.00	0.00	-2.62	-2.58	-1.63	0.00			
ADK HUDSON___FALLS 24011	EST	45.57	39.75	38.25	37.74	37.73	44.84	63.06	67.49	59.19	48.35	46.03	45.74	46.19	49.80	53.22	58.03	74.36	84.73	81.08	71.34	64.38	55.83	47.99	43.01			
		1.96	1.68	1.61	1.66	1.66	2.09	3.00	3.09	2.28	1.23	1.34	1.07	0.91	1.45	1.85	2.36	3.38	3.88	4.01	3.40	2.97	2.37	2.07	1.85			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.81	-2.08	0.00	0.00	0.00	-3.11	-3.06	-1.94	0.00			
ADK RESOURCE___RCVRY 23798	EST	45.66	39.86	38.36	37.89	37.80	44.93	63.24	67.68	59.31	48.45	45.98	45.74	46.24	49.85	53.32	58.14	74.49	84.97	81.38	71.61	64.55	55.98	48.08	43.10			
		2.05	1.79	1.72	1.80	1.73	2.18	3.18	3.28	2.39	1.32	1.30	1.07	0.95	1.50	1.95	2.47	3.51	4.12	4.31	3.67	3.15	2.52	2.15	1.94			
		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	-0.82	-2.08	0.00	0.00	0.00	-3.11	-3.06	-1.94	0.00			
ADK S GLENS___FALLS 24028	EST	45.57	39.75	38.25	37.74	37.73	44.84	63.06	67.49	59.19	48.35	46.03	45.74	46.19	49.80	53.22	58.03	74.36	84.73	81.08	71.34	64.38	55.83	47.99	43.01			
		1.96	1.68	1.61	1.66	1.66	2.09	3.00	3.09	2.28	1.23	1.34	1.07	0.91	1.45	1.85	2.36	3.38	3.88	4.01	3.40	2.97	2.37	2.07	1.85			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.81	-2.08	0.00	0.00	0.00	-3.11	-3.06	-1.94	0.00			
ADK_NYS___DAM 23527	EST	45.79	39.86	38.44	37.92	37.91	44.84	63.18	67.74	60.04	49.34	46.74	46.63	47.14	50.33	53.69	58.56	74.38	85.05	81.46	71.88	64.66	56.01	48.03	43.26			
		2.18	1.79	1.80	1.84	1.84	2.09	3.12	3.35	3.13	2.22	2.06	1.96	1.86	1.98	2.31	2.91	3.44	4.20	4.39	3.94	3.32	2.62	2.15	2.10			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.80	-2.03	0.00	0.00	0.00	-3.04	-2.99	-1.89	0.00			
AIR_PRODUCTS___DRP 24190	EST	44.88	39.10	37.74	37.20	37.19	43.99	61.86	66.33	58.79	48.54	46.03	45.96	46.55	49.85	53.07	57.57	73.32	83.68	79.77	70.32	63.40	55.08	47.35	42.52			
		1.26	1.03	1.10	1.12	1.12	1.24	1.80	1.93	1.88	1.41	1.34	1.30	1.27	1.50	1.70	1.92	2.41	2.83	2.70	2.38	2.10	1.71	1.50	1.36			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.79	-2.01	0.00	0.00	0.00	-3.01	-2.96	-1.87	0.00			
AKWESSNE_115KV_BK 355683	EST	44.05	38.45	36.90	36.34	36.29	43.22	60.48	64.85	57.14	47.17	44.78	44.71	45.38	48.35	51.37	54.80	68.77	80.53	76.45	67.53	58.13	50.46	44.12	41.24			
		0.44	0.38	0.26	0.25	0.22	0.47	0.42	0.45	0.23	0.05	0.09	0.04	0.09	0.00	0.00	0.00	-0.05	-0.14	-0.32	-0.41	-0.17	0.05	0.13	0.08			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	EST	45.40	39.63	38.22	37.71	37.62	44.50	62.64	66.97	58.96	48.59	45.98	45.92	46.55	49.94	53.32	57.94	73.92	84.57	80.62	71.14	64.01	55.60	47.82	42.97			
		1.79	1.56	1.57	1.63	1.55	1.75	2.58	2.58	2.05	1.46	1.30	1.25	1.27	1.59	1.95	2.30	3.03	3.72	3.55	3.19	2.74	2.27	1.98	1.81			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.78	-1.99	0.00	0.00	0.00	-2.97	-2.92	-1.85	0.00			
ALBANY_2_SOLAR 323834	EST	45.40	39.63	38.18	37.67	37.62	44.50	62.64	66.90	58.96	48.59	45.98	45.92	46.55	49.94	53.32	57.94	73.92	84.49	80.62	71.14	63.96	55.60	47.82	42.93			
		1.79	1.56	1.54	1.59	1.55	1.75	2.58	2.51	2.05	1.46	1.30	1.25	1.27	1.59	1.95	2.30	3.03	3.64	3.55	3.19	2.68	2.27	1.98	1.77			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.78	-1.99	0.00	0.00	0.00	-2.97	-2.92	-1.85	0.00			
ALBANY___1 23571	EST	44.88	39.10	37.74	37.20	37.19	43.99	61.86	66.33	58.79	48.54	46.03	45.96	46.55	49.85	53.07	57.57	73.32	83.68	79.77	70.32	63.40	55.08	47.35	42.52			
		1.26	1.03	1.10	1.12	1.12	1.24	1.80	1.93	1.88	1.41	1.34	1.30	1.27	1.50	1.70	1.92	2.41	2.83	2.70	2.38	2.10	1.71	1.50	1.36			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.79	-2.01	0.00	0.00	0.00	-3.01	-2.96	-1.87	0.00			

ALBANY___2 23572	44.88 1.26 0.00	39.10 1.03 0.00	37.74 1.10 0.00	37.20 1.12 0.00	37.19 1.12 0.00	43.99 1.24 0.00	61.86 1.80 0.00	66.33 1.93 0.00	58.79 1.88 0.00	48.54 1.41 0.00	46.03 1.34 0.00	45.96 1.30 0.00	46.55 1.27 0.00	49.85 1.50 0.00	53.07 1.70 0.00	57.57 1.92 -0.79	73.32 2.41 -2.01	83.68 2.83 0.00	79.77 2.70 0.00	70.32 2.38 0.00	63.40 2.10 -3.01	55.08 1.71 -2.96	47.35 1.50 -1.87	42.52 1.36 0.00
ALBANY___3 23573	44.88 1.26 0.00	39.10 1.03 0.00	37.74 1.10 0.00	37.20 1.12 0.00	37.19 1.12 0.00	43.99 1.24 0.00	61.86 1.80 0.00	66.33 1.93 0.00	58.79 1.88 0.00	48.54 1.41 0.00	46.03 1.34 0.00	45.96 1.30 0.00	46.55 1.27 0.00	49.85 1.50 0.00	53.07 1.70 0.00	57.57 1.92 -0.79	73.32 2.41 -2.01	83.68 2.83 0.00	79.77 2.70 0.00	70.32 2.38 0.00	63.40 2.10 -3.01	55.08 1.71 -2.96	47.35 1.50 -1.87	42.52 1.36 0.00
ALBANY___4 23574	44.88 1.26 0.00	39.10 1.03 0.00	37.74 1.10 0.00	37.20 1.12 0.00	37.19 1.12 0.00	43.99 1.24 0.00	61.86 1.80 0.00	66.33 1.93 0.00	58.79 1.88 0.00	48.54 1.41 0.00	46.03 1.34 0.00	45.96 1.30 0.00	46.55 1.27 0.00	49.85 1.50 0.00	53.07 1.70 0.00	57.57 1.92 -0.79	73.32 2.41 -2.01	83.68 2.83 0.00	79.77 2.70 0.00	70.32 2.38 0.00	63.40 2.10 -3.01	55.08 1.71 -2.96	47.35 1.50 -1.87	42.52 1.36 0.00
ALBANY___LFGE 323615	45.23 1.61 0.00	39.44 1.37 0.00	38.03 1.39 0.00	37.53 1.44 0.00	37.48 1.41 0.00	44.33 1.58 0.00	62.40 2.34 0.00	66.90 2.51 0.00	59.25 2.33 0.00	48.92 1.79 0.00	46.34 1.65 0.00	46.27 1.61 0.00	46.87 1.58 0.00	50.23 1.88 0.00	53.48 2.11 0.00	58.06 2.41 -0.79	73.95 3.03 -2.02	84.32 3.47 0.00	80.46 3.39 0.00	71.00 3.06 0.00	63.88 2.56 -3.02	55.50 2.12 -2.97	47.67 1.80 -1.88	42.81 1.65 0.00
ALCOA_PA_115KV_PL-6C 55860	44.40 0.78 0.00	38.76 0.69 0.00	37.16 0.51 0.00	36.59 0.51 0.00	36.54 0.47 0.00	43.60 0.85 0.00	60.90 0.84 0.00	65.36 0.97 0.00	57.54 0.63 0.00	47.46 0.33 0.00	45.00 0.31 0.00	44.94 0.27 0.00	45.69 0.41 0.00	48.69 0.34 0.00	51.73 0.36 0.00	55.24 0.38 0.00	69.25 0.34 0.00	81.01 0.16 0.00	76.84 -0.23 0.00	67.54 0.00 0.40	58.33 0.17 0.15	50.86 0.45 0.00	44.47 0.48 0.00	41.53 0.37 0.00
ALCOA_RYNLDS___DRP 24188	44.40 0.78 0.00	38.76 0.69 0.00	37.16 0.51 0.00	36.59 0.51 0.00	36.54 0.47 0.00	43.60 0.85 0.00	60.90 0.84 0.00	65.36 0.97 0.00	57.54 0.63 0.00	47.46 0.33 0.00	45.00 0.31 0.00	44.94 0.27 0.00	45.69 0.41 0.00	48.69 0.34 0.00	51.73 0.36 0.00	55.24 0.38 0.00	69.25 0.34 0.00	81.01 0.16 0.00	76.84 -0.23 0.00	67.54 0.00 0.40	58.33 0.17 0.15	50.86 0.45 0.00	44.47 0.48 0.00	41.53 0.37 0.00
ALCOA___DSASP 323711	44.40 0.78 0.00	38.76 0.69 0.00	37.16 0.51 0.00	36.59 0.51 0.00	36.54 0.47 0.00	43.60 0.85 0.00	60.90 0.84 0.00	65.36 0.97 0.00	57.54 0.63 0.00	47.46 0.33 0.00	45.00 0.31 0.00	44.94 0.27 0.00	45.69 0.41 0.00	48.69 0.34 0.00	51.73 0.36 0.00	55.24 0.38 0.00	69.25 0.34 0.00	81.01 0.16 0.00	76.84 -0.23 0.00	67.54 0.00 0.40	58.33 0.17 0.15	50.86 0.45 0.00	44.47 0.48 0.00	41.53 0.37 0.00
ALLEGHENY___COGEN 23514	42.56 -1.05 0.00	37.20 -0.87 0.00	35.62 -1.03 0.00	34.93 -1.16 0.00	35.24 -0.83 0.00	41.34 -1.41 0.00	58.73 -1.32 0.00	62.72 -1.67 0.00	53.86 -3.02 0.04	44.12 -2.97 0.04	41.57 -3.08 0.04	41.28 -3.35 0.04	41.63 -3.62 0.04	44.54 -3.77 0.04	47.28 -4.06 0.04	49.28 -3.84 1.74	63.77 -3.79 1.34	77.91 -2.91 0.03	75.58 -1.47 0.03	66.08 -1.83 0.03	56.47 -1.87 -0.04	48.23 -2.22 -0.04	41.76 -2.24 -0.02	39.76 -1.40 0.00
ALTAMONT_115KV_TB 2 55880	44.83 1.22 0.00	39.10 1.03 0.00	37.71 1.06 0.00	37.13 1.05 0.00	37.12 1.05 0.00	43.94 1.20 0.00	61.80 1.74 0.00	66.26 1.87 0.00	58.79 1.88 0.00	48.64 1.51 0.00	46.12 1.43 0.00	46.05 1.38 0.00	46.69 1.40 0.00	49.90 1.55 0.00	53.12 1.75 0.00	57.51 1.87 -0.78	73.24 2.34 -2.00	83.60 2.75 0.00	79.69 2.62 0.00	70.25 2.31 0.00	63.33 2.04 -2.99	55.06 1.71 -2.94	47.34 1.50 -1.86	42.52 1.36 0.00
ALTONA_WT_PWR 323606	44.05 0.44 0.00	38.38 0.30 0.00	36.68 0.04 0.00	36.08 0.00 0.00	36.00 -0.07 0.00	42.88 0.13 0.00	59.09 -0.96 0.00	63.24 -1.16 0.00	55.72 -1.20 0.00	46.19 -0.94 0.00	43.88 -0.80 0.00	43.73 -0.94 0.00	44.20 -1.09 0.00	47.00 -1.35 0.00	49.99 -1.38 0.00	53.16 -1.70 0.00	66.56 -2.34 0.00	77.86 -2.99 0.00	73.68 -3.39 0.00	50.68 -2.92 14.34	50.65 -2.27 5.37	48.84 -1.56 0.00	42.93 -1.06 0.00	40.05 -1.11 0.00
AMERICAN_REF_FUEL 24010	39.90 -3.71 0.00	34.95 -3.12 0.00	33.01 -3.63 0.00	32.30 -3.79 0.00	32.50 -3.57 0.00	37.96 -4.79 0.00	52.43 -7.63 0.00	55.32 -9.08 0.00	48.08 -8.82 0.01	40.47 -6.64 0.01	38.86 -5.81 0.01	38.58 -6.07 0.01	38.89 -6.38 0.01	41.08 -7.25 0.01	43.24 -8.11 0.01	45.88 -8.39 0.58	58.20 -10.06 0.64	69.11 -11.72 0.02	67.34 -9.71 0.02	58.55 -9.38 0.02	49.94 -8.51 -0.15	42.89 -7.66 -0.15	37.87 -6.20 -0.09	36.55 -4.61 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	39.69 -3.92 0.00	34.68 -3.39 0.00	33.24 -3.41 0.00	32.51 -3.57 0.00	32.68 -3.39 0.00	38.26 -4.49 0.00	53.09 -6.97 0.00	56.09 -8.31 0.00	49.45 -7.45 0.02	41.17 -5.94 0.02	39.26 -5.41 0.02	38.98 -5.67 0.02	39.34 -5.93 0.02	41.80 -6.53 0.02	44.22 -7.14 0.02	46.81 -7.30 0.75	58.94 -9.16 0.80	70.88 -9.95 0.02	68.34 -8.71 0.02	60.04 -7.88 0.02	51.57 -6.88 -0.15	44.00 -6.55 -0.15	38.75 -5.32 -0.09	36.84 -4.32 0.00
ARTHUR KILL_GT_1 23520	47.62 4.01 0.00	41.46 3.39 0.00	39.83 3.19 0.00	39.15 3.07 0.00	39.03 2.96 0.00	46.29 3.55 0.00	63.78 3.72 0.00	68.25 3.86 0.01	60.94 4.04 0.01	51.98 4.85 0.00	49.07 4.38 0.00	49.22 4.56 0.00	50.04 4.76 0.00	53.09 4.74 0.00	56.15 4.78 0.00	59.82 4.28 -0.69	76.16 5.51 -1.74	87.71 6.87 0.01	83.38 6.32 0.01	73.44 5.50 0.01	65.23 4.31 -2.61	57.22 4.23 -2.58	50.37 4.75 -1.63	45.44 4.28 0.00
ARTHUR_KILL_2 23512	47.54 3.93 0.00	41.38 3.31 0.00	39.72 3.08 0.00	39.15 3.07 0.00	38.96 2.89 0.00	46.21 3.46 0.00	63.66 3.60 0.00	68.06 3.67 0.01	60.88 3.98 0.02	51.79 4.67 0.00	48.93 4.25 0.00	49.13 4.47 0.00	49.95 4.67 0.00	53.23 4.88 0.00	56.15 4.78 0.00	59.66 4.12 -0.69	75.95 5.31 -1.74	87.47 6.63 0.01	83.15 6.09 0.01	73.30 5.37 0.01	65.05 4.14 -2.61	57.07 4.08 -2.58	50.28 4.66 -1.63	45.32 4.16 0.00
ARTHUR_KILL_3 23513	46.40 2.79 0.00	40.47 2.40 0.00	38.92 2.27 0.00	38.32 2.24 0.00	38.20 2.13 0.00	45.57 2.82 0.00	64.14 4.09 0.00	68.90 4.51 0.00	62.04 5.12 0.00	51.89 4.76 0.00	49.07 4.38 0.00	49.23 4.56 0.00	50.00 4.71 0.00	53.38 5.03 0.00	56.61 5.24 0.00	60.65 5.10 -0.69	77.06 6.41 -1.75	88.78 7.93 0.00	83.93 6.86 0.00	73.99 6.04 0.00	66.05 5.13 -2.62	57.47 4.48 -2.58	49.71 4.09 -1.63	44.62 3.46 0.00

ARTHUR_KILL_COGEN 323718	47.62 4.01 0.00	41.50 3.43 0.00	39.83 3.19 0.00	39.22 3.14 0.00	39.06 2.99 0.00	46.29 3.55 0.00	63.84 3.79 0.00	68.25 3.86 0.01	61.00 4.10 0.02	51.94 4.81 0.00	49.07 4.38 0.00	49.23 4.56 0.00	50.04 4.75 0.00	53.38 5.03 0.00	56.25 4.88 0.00	59.77 4.22 -0.69	76.16 5.51 -1.74	87.71 6.87 0.01	83.38 6.32 0.01	73.51 5.57 0.01	65.23 4.31 -2.61	57.22 4.23 -2.58	50.41 4.79 -1.63	45.40 4.24 0.00
ASHOKAN____ 23654	45.70 2.09 0.00	39.79 1.71 0.00	38.36 1.72 0.00	37.78 1.70 0.00	37.73 1.66 0.00	44.58 1.84 0.00	63.30 3.24 0.00	67.49 3.09 0.00	59.48 2.56 0.00	48.87 1.74 0.00	45.98 1.30 0.00	46.01 1.34 0.00	46.78 1.49 0.00	50.23 1.88 0.00	53.48 2.11 0.00	58.01 2.41 -0.74	74.45 3.65 -1.90	86.10 5.25 0.00	81.77 4.70 0.00	71.95 4.01 0.00	64.58 3.44 -2.84	56.12 2.92 -2.79	48.30 2.55 -1.77	43.38 2.22 0.00
ASTORIA_EAST_ENERGY_CC1 323581	46.98 3.36 -0.01	40.97 2.89 -0.01	39.32 2.67 0.00	38.75 2.67 0.00	38.60 2.52 0.00	45.78 3.04 0.00	63.78 3.72 0.00	68.38 3.99 0.01	61.35 4.44 0.01	51.60 4.48 0.01	48.83 4.16 0.01	48.99 4.33 0.01	49.76 4.48 0.01	53.13 4.79 0.01	56.30 4.93 0.01	60.09 4.55 -0.68	76.30 5.65 -1.74	87.87 7.03 0.01	83.08 6.02 0.01	73.30 5.37 0.01	65.40 4.49 -2.61	57.01 4.03 -2.57	49.84 4.22 -1.63	44.87 3.71 0.00
ASTORIA_EAST_ENERGY_CC2 323582	46.98 3.36 -0.01	40.97 2.89 -0.01	39.32 2.67 0.00	38.75 2.67 0.00	38.56 2.49 0.00	45.74 2.99 0.00	63.72 3.66 0.00	68.32 3.93 0.01	61.35 4.44 0.01	51.55 4.43 0.01	48.83 4.16 0.01	48.99 4.33 0.01	49.76 4.48 0.01	53.08 4.74 0.01	56.25 4.88 0.01	60.09 4.55 -0.68	76.30 5.65 -1.74	87.80 6.95 0.01	83.08 6.02 0.01	73.24 5.30 0.01	65.34 4.43 -2.61	57.01 4.03 -2.57	49.80 4.18 -1.63	44.87 3.71 0.00
ASTORIA_GT2_1 24094	46.97 3.36 0.00	40.93 2.86 0.00	39.32 2.67 0.00	38.65 2.56 0.00	38.56 2.49 0.00	45.74 2.99 0.00	63.72 3.66 0.00	68.38 3.99 0.01	61.36 4.44 0.00	51.65 4.52 0.00	48.89 4.20 0.00	49.00 4.33 0.00	49.72 4.44 0.00	52.99 4.64 0.00	56.25 4.88 0.00	60.10 4.55 -0.69	76.30 5.65 -1.74	87.88 7.03 0.01	83.07 6.01 0.01	73.17 5.23 0.01	65.40 4.49 -2.61	57.07 4.08 -2.58	49.80 4.18 -1.63	44.91 3.75 0.00
ASTORIA_GT2_2 24095	46.97 3.36 0.00	40.93 2.86 0.00	39.32 2.67 0.00	38.65 2.56 0.00	38.56 2.49 0.00	45.74 2.99 0.00	63.72 3.66 0.00	68.38 3.99 0.01	61.36 4.44 0.00	51.65 4.52 0.00	48.89 4.20 0.00	49.00 4.33 0.00	49.72 4.44 0.00	52.99 4.64 0.00	56.25 4.88 0.00	60.10 4.55 -0.69	76.30 5.65 -1.74	87.88 7.03 0.01	83.07 6.01 0.01	73.17 5.23 0.01	65.40 4.49 -2.61	57.07 4.08 -2.58	49.80 4.18 -1.63	44.91 3.75 0.00
ASTORIA_GT2_3 24096	46.97 3.36 0.00	40.93 2.86 0.00	39.32 2.67 0.00	38.65 2.56 0.00	38.56 2.49 0.00	45.74 2.99 0.00	63.72 3.66 0.00	68.38 3.99 0.01	61.36 4.44 0.00	51.65 4.52 0.00	48.89 4.20 0.00	49.00 4.33 0.00	49.72 4.44 0.00	52.99 4.64 0.00	56.25 4.88 0.00	60.10 4.55 -0.69	76.30 5.65 -1.74	87.88 7.03 0.01	83.07 6.01 0.01	73.17 5.23 0.01	65.40 4.49 -2.61	57.07 4.08 -2.58	49.80 4.18 -1.63	44.91 3.75 0.00
ASTORIA_GT2_4 24097	46.97 3.36 0.00	40.93 2.86 0.00	39.32 2.67 0.00	38.65 2.56 0.00	38.56 2.49 0.00	45.74 2.99 0.00	63.72 3.66 0.00	68.38 3.99 0.01	61.36 4.44 0.00	51.65 4.52 0.00	48.89 4.20 0.00	49.00 4.33 0.00	49.72 4.44 0.00	52.99 4.64 0.00	56.25 4.88 0.00	60.10 4.55 -0.69	76.30 5.65 -1.74	87.88 7.03 0.01	83.07 6.01 0.01	73.17 5.23 0.01	65.40 4.49 -2.61	57.07 4.08 -2.58	49.80 4.18 -1.63	44.91 3.75 0.00
ASTORIA_GT3_1 24098	46.97 3.36 0.00	40.93 2.86 0.00	39.32 2.67 0.00	38.65 2.56 0.00	38.56 2.49 0.00	45.74 2.99 0.00	63.72 3.66 0.00	68.38 3.99 0.01	61.36 4.44 0.00	51.65 4.52 0.00	48.89 4.20 0.00	49.00 4.33 0.00	49.72 4.44 0.00	52.99 4.64 0.00	56.25 4.88 0.00	60.10 4.55 -0.69	76.30 5.65 -1.74	87.88 7.03 0.01	83.07 6.01 0.01	73.17 5.23 0.01	65.40 4.49 -2.61	57.07 4.08 -2.58	49.80 4.18 -1.63	44.91 3.75 0.00
ASTORIA_GT3_2 24099	46.97 3.36 0.00	40.93 2.86 0.00	39.32 2.67 0.00	38.65 2.56 0.00	38.56 2.49 0.00	45.74 2.99 0.00	63.72 3.66 0.00	68.38 3.99 0.01	61.36 4.44 0.00	51.65 4.52 0.00	48.89 4.20 0.00	49.00 4.33 0.00	49.72 4.44 0.00	52.99 4.64 0.00	56.25 4.88 0.00	60.10 4.55 -0.69	76.30 5.65 -1.74	87.88 7.03 0.01	83.07 6.01 0.01	73.17 5.23 0.01	65.40 4.49 -2.61	57.07 4.08 -2.58	49.80 4.18 -1.63	44.91 3.75 0.00
ASTORIA_GT3_3 24100	46.97 3.36 0.00	40.93 2.86 0.00	39.32 2.67 0.00	38.65 2.56 0.00	38.56 2.49 0.00	45.74 2.99 0.00	63.72 3.66 0.00	68.38 3.99 0.01	61.36 4.44 0.00	51.65 4.52 0.00	48.89 4.20 0.00	49.00 4.33 0.00	49.72 4.44 0.00	52.99 4.64 0.00	56.25 4.88 0.00	60.10 4.55 -0.69	76.30 5.65 -1.74	87.88 7.03 0.01	83.07 6.01 0.01	73.17 5.23 0.01	65.40 4.49 -2.61	57.07 4.08 -2.58	49.80 4.18 -1.63	44.91 3.75 0.00
ASTORIA_GT3_4 24101	46.97 3.36 0.00	40.93 2.86 0.00	39.32 2.67 0.00	38.65 2.56 0.00	38.56 2.49 0.00	45.74 2.99 0.00	63.72 3.66 0.00	68.38 3.99 0.01	61.36 4.44 0.00	51.65 4.52 0.00	48.89 4.20 0.00	49.00 4.33 0.00	49.72 4.44 0.00	52.99 4.64 0.00	56.25 4.88 0.00	60.10 4.55 -0.69	76.30 5.65 -1.74	87.88 7.03 0.01	83.07 6.01 0.01	73.17 5.23 0.01	65.40 4.49 -2.61	57.07 4.08 -2.58	49.80 4.18 -1.63	44.91 3.75 0.00
ASTORIA_GT4_1 24102	46.97 3.36 0.00	40.93 2.86 0.00	39.32 2.67 0.00	38.65 2.56 0.00	38.56 2.49 0.00	45.74 2.99 0.00	63.72 3.66 0.00	68.38 3.99 0.01	61.36 4.44 0.00	51.65 4.52 0.00	48.89 4.20 0.00	49.00 4.33 0.00	49.72 4.44 0.00	52.99 4.64 0.00	56.25 4.88 0.00	60.10 4.55 -0.69	76.30 5.65 -1.74	87.88 7.03 0.01	83.07 6.01 0.01	73.17 5.23 0.01	65.40 4.49 -2.61	57.07 4.08 -2.58	49.80 4.18 -1.63	44.91 3.75 0.00
ASTORIA_GT4_2 24103	46.97 3.36 0.00	40.93 2.86 0.00	39.32 2.67 0.00	38.65 2.56 0.00	38.56 2.49 0.00	45.74 2.99 0.00	63.72 3.66 0.00	68.38 3.99 0.01	61.36 4.44 0.00	51.65 4.52 0.00	48.89 4.20 0.00	49.00 4.33 0.00	49.72 4.44 0.00	52.99 4.64 0.00	56.25 4.88 0.00	60.10 4.55 -0.69	76.30 5.65 -1.74	87.88 7.03 0.01	83.07 6.01 0.01	73.17 5.23 0.01	65.40 4.49 -2.61	57.07 4.08 -2.58	49.80 4.18 -1.63	44.91 3.75 0.00
ASTORIA_GT4_3 24104	46.97 3.36 0.00	40.93 2.86 0.00	39.32 2.67 0.00	38.65 2.56 0.00	38.56 2.49 0.00	45.74 2.99 0.00	63.72 3.66 0.00	68.38 3.99 0.01	61.36 4.44 0.00	51.65 4.52 0.00	48.89 4.20 0.00	49.00 4.33 0.00	49.72 4.44 0.00	52.99 4.64 0.00	56.25 4.88 0.00	60.10 4.55 -0.69	76.30 5.65 -1.74	87.88 7.03 0.01	83.07 6.01 0.01	73.17 5.23 0.01	65.40 4.49 -2.61	57.07 4.08 -2.58	49.80 4.18 -1.63	44.91 3.75 0.00

ASTORIA_GT4_4 24105	46.97 3.36 0.00	40.93 2.86 0.00	39.32 2.67 0.00	38.65 2.56 0.00	38.56 2.49 0.00	45.74 2.99 0.00	63.72 3.66 0.00	68.38 3.99 0.01	61.36 4.44 0.00	51.65 4.52 0.00	48.89 4.20 0.00	49.00 4.33 0.00	49.72 4.44 0.00	52.99 4.64 0.00	56.25 4.88 0.00	60.10 4.55 -0.69	76.30 5.65 -1.74	87.88 7.03 0.01	83.07 6.01 0.01	73.17 5.23 0.01	65.40 4.49 -2.61	57.07 4.08 -2.58	49.80 4.18 -1.63	44.91 3.75 0.00
ASTORIA_GT_1 23523	47.06 3.45 0.00	40.97 2.89 0.00	39.39 2.75 0.00	38.72 2.63 0.00	38.60 2.53 0.00	45.78 3.04 0.00	63.84 3.78 0.00	68.44 4.06 0.01	61.47 4.55 0.00	51.75 4.62 0.00	48.93 4.25 0.00	49.09 4.42 0.00	49.81 4.53 0.00	53.09 4.74 0.00	56.35 4.98 0.00	60.21 4.66 -0.69	76.44 5.79 -1.74	88.04 7.20 0.01	83.23 6.17 0.01	73.30 5.37 0.01	65.52 4.61 -2.61	57.12 4.13 -2.58	49.88 4.27 -1.63	44.95 3.79 0.00
ASTORIA_GT_10 24110	46.88 3.27 0.00	40.81 2.74 0.00	39.24 2.60 0.00	38.57 2.49 0.00	38.49 2.42 0.00	45.78 3.04 0.00	63.96 3.90 0.00	68.64 4.25 0.01	61.64 4.72 0.00	51.89 4.76 0.00	49.02 4.33 0.00	49.18 4.51 0.00	49.95 4.66 0.00	53.18 4.83 0.00	56.46 5.09 0.00	60.32 4.77 -0.69	76.64 5.99 -1.74	88.20 7.36 0.01	83.46 6.40 0.01	73.50 5.57 0.01	65.64 4.72 -2.61	57.32 4.33 -2.58	49.84 4.22 -1.63	44.87 3.70 0.00
ASTORIA_GT_11 24225	46.88 3.27 0.00	40.81 2.74 0.00	39.24 2.60 0.00	38.57 2.49 0.00	38.49 2.42 0.00	45.78 3.04 0.00	63.96 3.90 0.00	68.64 4.25 0.01	61.64 4.72 0.00	51.89 4.76 0.00	49.02 4.33 0.00	49.18 4.51 0.00	49.95 4.66 0.00	53.18 4.83 0.00	56.46 5.09 0.00	60.32 4.77 -0.69	76.64 5.99 -1.74	88.20 7.36 0.01	83.46 6.40 0.01	73.50 5.57 0.01	65.64 4.72 -2.61	57.32 4.33 -2.58	49.84 4.22 -1.63	44.87 3.70 0.00
ASTORIA_GT_12 24226	46.88 3.27 0.00	40.81 2.74 0.00	39.24 2.60 0.00	38.57 2.49 0.00	38.49 2.42 0.00	45.78 3.04 0.00	63.96 3.90 0.00	68.64 4.25 0.01	61.64 4.72 0.00	51.89 4.76 0.00	49.02 4.33 0.00	49.18 4.51 0.00	49.95 4.66 0.00	53.18 4.83 0.00	56.46 5.09 0.00	60.32 4.77 -0.69	76.64 5.99 -1.74	88.20 7.36 0.01	83.46 6.40 0.01	73.50 5.57 0.01	65.64 4.72 -2.61	57.32 4.33 -2.58	49.84 4.22 -1.63	44.87 3.70 0.00
ASTORIA_GT_13 24227	46.88 3.27 0.00	40.81 2.74 0.00	39.24 2.60 0.00	38.57 2.49 0.00	38.49 2.42 0.00	45.78 3.04 0.00	63.96 3.90 0.00	68.64 4.25 0.01	61.64 4.72 0.00	51.89 4.76 0.00	49.02 4.33 0.00	49.18 4.51 0.00	49.95 4.66 0.00	53.18 4.83 0.00	56.46 5.09 0.00	60.32 4.77 -0.69	76.64 5.99 -1.74	88.20 7.36 0.01	83.46 6.40 0.01	73.50 5.57 0.01	65.64 4.72 -2.61	57.32 4.33 -2.58	49.84 4.22 -1.63	44.87 3.70 0.00
ASTORIA_GT_5 24106	47.06 3.45 0.00	40.97 2.89 0.00	39.39 2.75 0.00	38.72 2.63 0.00	38.60 2.53 0.00	45.78 3.04 0.00	63.84 3.78 0.00	68.44 4.06 0.01	61.47 4.55 0.00	51.75 4.62 0.00	48.93 4.25 0.00	49.09 4.42 0.00	49.81 4.53 0.00	53.09 4.74 0.00	56.35 4.98 0.00	60.21 4.66 -0.69	76.44 5.79 -1.74	88.04 7.20 0.01	83.23 6.17 0.01	73.30 5.37 0.01	65.52 4.61 -2.61	57.12 4.13 -2.58	49.88 4.27 -1.63	44.95 3.79 0.00
ASTORIA_GT_7 24107	47.06 3.45 0.00	40.97 2.89 0.00	39.39 2.75 0.00	38.72 2.63 0.00	38.60 2.53 0.00	45.78 3.04 0.00	63.84 3.78 0.00	68.44 4.06 0.01	61.47 4.55 0.00	51.75 4.62 0.00	48.93 4.25 0.00	49.09 4.42 0.00	49.81 4.53 0.00	53.09 4.74 0.00	56.35 4.98 0.00	60.21 4.66 -0.69	76.44 5.79 -1.74	88.04 7.20 0.01	83.23 6.17 0.01	73.30 5.37 0.01	65.52 4.61 -2.61	57.12 4.13 -2.58	49.88 4.27 -1.63	44.95 3.79 0.00
ASTORIA_GT_8 24108	47.06 3.45 0.00	40.97 2.89 0.00	39.39 2.75 0.00	38.72 2.63 0.00	38.60 2.53 0.00	45.78 3.04 0.00	63.84 3.78 0.00	68.44 4.06 0.01	61.47 4.55 0.00	51.75 4.62 0.00	48.93 4.25 0.00	49.09 4.42 0.00	49.81 4.53 0.00	53.09 4.74 0.00	56.35 4.98 0.00	60.21 4.66 -0.69	76.44 5.79 -1.74	88.04 7.20 0.01	83.23 6.17 0.01	73.30 5.37 0.01	65.52 4.61 -2.61	57.12 4.13 -2.58	49.88 4.27 -1.63	44.95 3.79 0.00
ASTORIA___2 24149	46.98 3.36 -0.01	40.97 2.89 -0.01	39.32 2.67 0.00	38.75 2.67 0.00	38.60 2.52 0.00	45.78 3.04 0.00	63.78 3.72 0.00	68.38 3.99 0.01	61.35 4.44 0.01	51.60 4.48 0.01	48.83 4.16 0.01	48.99 4.33 0.01	49.76 4.48 0.01	53.13 4.79 0.01	56.30 4.93 0.01	60.09 4.55 -0.68	76.30 5.65 -1.74	87.87 7.03 0.01	83.08 6.02 0.01	73.30 5.37 0.01	65.40 4.49 -2.61	57.01 4.03 -2.57	49.84 4.22 -1.63	44.87 3.71 0.00
ASTORIA___3 23516	46.88 3.27 0.00	40.85 2.78 0.00	39.24 2.60 0.00	38.68 2.60 0.00	38.53 2.45 0.00	45.83 3.08 0.00	63.96 3.90 0.00	68.64 4.25 0.01	61.64 4.72 0.00	51.84 4.71 0.00	49.02 4.33 0.00	49.18 4.51 0.00	49.95 4.67 0.00	53.33 4.98 0.00	56.51 5.14 0.00	60.32 4.77 -0.69	76.64 5.99 -1.74	88.20 7.36 0.01	83.46 6.39 0.01	73.57 5.64 0.01	65.63 4.72 -2.61	57.32 4.34 -2.58	49.88 4.27 -1.63	44.87 3.71 0.00
ASTORIA___4 23517	46.88 3.27 0.00	40.81 2.74 0.00	39.24 2.60 0.00	38.57 2.49 0.00	38.49 2.42 0.00	45.78 3.04 0.00	63.96 3.90 0.00	68.64 4.25 0.01	61.64 4.72 0.00	51.89 4.76 0.00	49.02 4.33 0.00	49.18 4.51 0.00	49.95 4.66 0.00	53.18 4.83 0.00	56.46 5.09 0.00	60.32 4.77 -0.69	76.64 5.99 -1.74	88.20 7.36 0.01	83.46 6.40 0.01	73.50 5.57 0.01	65.64 4.72 -2.61	57.32 4.33 -2.58	49.84 4.22 -1.63	44.87 3.70 0.00
ASTORIA___5 23518	46.88 3.27 0.00	40.85 2.78 0.00	39.24 2.60 0.00	38.68 2.60 0.00	38.53 2.45 0.00	45.83 3.08 0.00	63.96 3.90 0.00	68.64 4.25 0.01	61.64 4.72 0.00	51.84 4.71 0.00	49.02 4.33 0.00	49.18 4.51 0.00	49.95 4.67 0.00	53.33 4.98 0.00	56.51 5.14 0.00	60.32 4.77 -0.69	76.64 5.99 -1.74	88.20 7.36 0.01	83.46 6.39 0.01	73.57 5.64 0.01	65.63 4.72 -2.61	57.32 4.34 -2.58	49.88 4.27 -1.63	44.87 3.71 0.00
AST_ENERGY_2_CC3 323677	46.98 3.36 -0.01	40.97 2.89 -0.01	39.32 2.67 0.00	38.75 2.67 0.00	38.60 2.52 0.00	45.78 3.04 0.00	63.78 3.72 0.00	68.38 3.99 0.01	61.35 4.44 0.01	51.60 4.48 0.01	48.83 4.16 0.01	48.99 4.33 0.01	49.76 4.48 0.01	53.13 4.79 0.01	56.30 4.93 0.01	60.09 4.55 -0.68	76.30 5.65 -1.74	87.87 7.03 0.01	83.08 6.02 0.01	73.30 5.37 0.01	65.40 4.49 -2.61	57.01 4.03 -2.57	49.84 4.22 -1.63	44.87 3.71 0.00
AST_ENERGY_2_CC4 323678	46.98 3.36 -0.01	40.97 2.89 -0.01	39.32 2.67 0.00	38.75 2.67 0.00	38.60 2.52 0.00	45.78 3.04 0.00	63.78 3.72 0.00	68.38 3.99 0.01	61.35 4.44 0.01	51.60 4.48 0.01	48.83 4.16 0.01	48.99 4.33 0.01	49.76 4.48 0.01	53.13 4.79 0.01	56.30 4.93 0.01	60.09 4.55 -0.68	76.30 5.65 -1.74	87.87 7.03 0.01	83.08 6.02 0.01	73.30 5.37 0.01	65.40 4.49 -2.61	57.01 4.03 -2.57	49.84 4.22 -1.63	44.87 3.71 0.00

ATHENS_STG_1 23668	45.23	39.44	38.03	37.49	37.41	44.37	62.40	66.97	59.53	49.44	46.79	46.86	47.55	50.81	53.99	58.27	74.13	84.89	80.69	71.20	63.87	55.55	47.87	43.06
	1.61	1.37	1.39	1.41	1.34	1.62	2.34	2.58	2.62	2.31	2.10	2.19	2.26	2.46	2.62	2.69	3.38	4.04	3.62	3.26	2.80	2.42	2.15	1.89
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.73	-1.85	0.00	0.00	0.00	-2.77	-2.73	-1.73	0.00
ATHENS_STG_2 23670	45.23	39.44	38.03	37.49	37.41	44.37	62.40	66.97	59.53	49.44	46.79	46.86	47.55	50.81	53.99	58.27	74.13	84.89	80.69	71.20	63.87	55.55	47.87	43.06
	1.61	1.37	1.39	1.41	1.34	1.62	2.34	2.58	2.62	2.31	2.10	2.19	2.26	2.46	2.62	2.69	3.38	4.04	3.62	3.26	2.80	2.42	2.15	1.89
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.73	-1.85	0.00	0.00	0.00	-2.77	-2.73	-1.73	0.00
ATHENS_STG_3 23677	45.23	39.44	38.03	37.49	37.41	44.37	62.40	66.97	59.53	49.44	46.79	46.86	47.55	50.81	53.99	58.27	74.13	84.89	80.69	71.20	63.87	55.55	47.87	43.06
	1.61	1.37	1.39	1.41	1.34	1.62	2.34	2.58	2.62	2.31	2.10	2.19	2.26	2.46	2.62	2.69	3.38	4.04	3.62	3.26	2.80	2.42	2.15	1.89
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.73	-1.85	0.00	0.00	0.00	-2.77	-2.73	-1.73	0.00
AUBURN____LFGE 323710	42.96	37.54	36.13	35.62	35.64	42.15	59.58	63.82	56.30	46.62	44.16	44.18	44.84	47.92	50.81	54.73	69.02	80.61	77.00	67.74	58.32	50.28	43.64	40.71
	-0.65	-0.53	-0.51	-0.47	-0.43	-0.60	-0.48	-0.58	-0.63	-0.52	-0.54	-0.49	-0.45	-0.44	-0.57	-0.55	-0.48	-0.24	-0.08	-0.20	-0.41	-0.55	-0.62	-0.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.43	-0.60	-0.01	-0.01	-0.01	-0.43	-0.43	-0.27	0.00
BABYLON_RES_REC 323704	46.57	40.85	38.87	38.50	38.34	47.27	52.79	53.64	51.50	52.06	53.44	51.57	53.16	52.91	52.14	58.89	61.53	77.57	68.88	63.44	53.96	52.50	50.85	46.31
	3.40	2.78	2.27	2.42	2.31	3.59	5.05	4.25	5.46	5.32	4.96	5.00	5.21	5.18	5.44	4.94	6.62	7.68	6.70	6.46	5.48	4.84	4.79	3.99
	0.45	0.00	0.04	0.00	0.04	-0.93	12.31	15.01	10.88	0.39	-3.80	-1.90	-2.67	0.61	4.67	0.91	13.99	10.96	14.90	10.96	9.82	2.75	-2.07	-1.16
BALL_HILL_WT_PWR 323825	40.25	35.26	33.75	33.05	33.22	38.86	53.87	56.93	50.01	41.74	39.93	39.69	40.20	42.73	45.19	47.80	60.29	72.10	69.35	60.93	52.27	44.65	39.28	37.38
	-3.36	-2.82	-2.90	-3.03	-2.85	-3.89	-6.18	-7.47	-6.89	-5.37	-4.74	-4.96	-5.07	-5.61	-6.17	-6.36	-7.86	-8.73	-7.71	-7.00	-6.18	-5.90	-4.79	-3.79
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.70	0.76	0.02	0.02	0.02	-0.15	-0.15	-0.09	0.00
BARON_WINDS____WT_PWR 323822	40.86	35.75	34.22	33.56	33.66	39.50	55.61	59.31	51.69	5.51	5.44	5.44	5.58	5.80	5.96	6.08	61.21	74.02	70.80	62.41	53.62	45.91	40.13	38.03
	-2.75	-2.32	-2.42	-2.53	-2.42	-3.25	-4.44	-5.09	-5.18	-4.48	-4.42	-4.42	-4.35	-4.49	-4.88	-5.10	-6.00	-6.79	-6.24	-5.50	-4.72	-4.54	-3.87	-3.13
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	37.14	34.82	34.81	35.35	38.05	40.53	43.68	1.70	0.04	0.04	0.04	-0.04	-0.04	-0.01	0.00
BARRETT_IC_1 23704	48.05	40.94	39.19	38.62	38.58	136.12	92.45	96.30	89.22	118.23	117.39	106.22	146.94	116.71	106.22	188.28	139.96	117.39	111.83	129.63	94.00	94.00	92.37	157.20
	3.53	2.78	2.38	2.45	2.34	3.68	5.10	4.25	5.52	5.42	4.92	5.05	5.25	5.65	5.85	5.32	7.10	8.57	7.47	6.93	5.89	5.24	4.79	4.08
	-0.91	-0.08	-0.17	-0.08	-0.17	-89.70	-27.29	-27.66	-26.79	-65.68	-67.79	-56.51	-96.40	-62.71	-48.99	-128.11	-63.96	-27.97	-27.28	-54.76	-29.81	-38.35	-43.59	-111.96
BARRETT_IC_10 23701	48.05	40.94	39.19	38.62	38.58	136.12	92.45	94.27	89.22	118.23	117.39	106.22	146.94	116.71	106.22	188.28	97.68	98.23	94.00	94.00	94.00	94.00	92.37	157.20
	3.53	2.78	2.38	2.45	2.34	3.68	5.10	4.25	5.52	5.42	4.92	5.05	5.25	5.65	5.85	5.32	7.10	8.57	7.47	6.93	5.89	5.24	4.79	4.08
	-0.91	-0.08	-0.17	-0.08	-0.17	-89.70	-27.29	-25.63	-26.79	-65.68	-67.79	-56.51	-96.40	-62.71	-48.99	-128.11	-21.68	-8.81	-9.46	-19.12	-29.81	-38.35	-43.59	-111.96
BARRETT_IC_11 23702	48.05	40.94	39.19	38.62	38.58	136.12	92.45	94.27	89.22	118.23	117.39	106.22	146.94	116.71	106.22	188.28	97.68	98.23	94.00	94.00	94.00	94.00	92.37	157.20
	3.53	2.78	2.38	2.45	2.34	3.68	5.10	4.25	5.52	5.42	4.92	5.05	5.25	5.65	5.85	5.32	7.10	8.57	7.47	6.93	5.89	5.24	4.79	4.08
	-0.91	-0.08	-0.17	-0.08	-0.17	-89.70	-27.29	-25.63	-26.79	-65.68	-67.79	-56.51	-96.40	-62.71	-48.99	-128.11	-21.68	-8.81	-9.46	-19.12	-29.81	-38.35	-43.59	-111.96
BARRETT_IC_12 23703	48.05	40.94	39.19	38.62	38.58	136.12	92.45	94.27	89.22	118.23	117.39	106.22	146.94	116.71	106.22	188.28	97.68	98.23	94.00	94.00	94.00	94.00	92.37	157.20
	3.53	2.78	2.38	2.45	2.34	3.68	5.10	4.25	5.52	5.42	4.92	5.05	5.25	5.65	5.85	5.32	7.10	8.57	7.47	6.93	5.89	5.24	4.79	4.08
	-0.91	-0.08	-0.17	-0.08	-0.17	-89.70	-27.29	-25.63	-26.79	-65.68	-67.79	-56.51	-96.40	-62.71	-48.99	-128.11	-21.68	-8.81	-9.46	-19.12	-29.81	-38.35	-43.59	-111.96
BARRETT_IC_2 23705	48.05	40.94	39.19	38.62	38.58	136.12	92.45	96.30	89.22	118.23	117.39	106.22	146.94	116.71	106.22	188.28	139.96	117.39	111.83	129.63	94.00	94.00	92.37	157.20
	3.53	2.78	2.38	2.45	2.34	3.68	5.10	4.25	5.52	5.42	4.92	5.05	5.25	5.65	5.85	5.32	7.10	8.57	7.47	6.93	5.89	5.24	4.79	4.08
	-0.91	-0.08	-0.17	-0.08	-0.17	-89.70	-27.29	-27.66	-26.79	-65.68	-67.79	-56.51	-96.40	-62.71	-48.99	-128.11	-63.96	-27.97	-27.28	-54.76	-29.81	-38.35	-43.59	-111.96
BARRETT_IC_3 23706	48.05	40.94	39.19	38.62	38.58	136.12	92.45	96.30	89.22	118.23	117.39	106.22	146.94	116.71	106.22	188.28	139.96	117.39	111.83	129.63	94.00	94.00	92.37	157.20
	3.53	2.78	2.38	2.45	2.34	3.68	5.10	4.25	5.52	5.42	4.92	5.05	5.25	5.65	5.85	5.32	7.10	8.57	7.47	6.93	5.89	5.24	4.79	4.08
	-0.91	-0.08	-0.17	-0.08	-0.17	-89.70	-27.29	-27.66	-26.79	-65.68	-67.79	-56.51	-96.40	-62.71	-48.99	-128.11	-63.96	-27.97	-27.28	-54.76	-29.81	-38.35	-43.59	-111.96
BARRETT_IC_4 23707	48.05	40.94	39.19	38.62	38.58	136.12	92.45	96.30	89.22	118.23	117.39	106.22	146.94	116.71	106.22	188.28	139.96	117.39	111.83	129.63	94.00	94.00	92.37	157.20
	3.53	2.78	2.38	2.45	2.34	3.68	5.10	4.25	5.52	5.42	4.92	5.05	5.25	5.65	5.85	5.32	7.10	8.57	7.47	6.93	5.89	5.24	4.79	4.08
	-0.91	-0.08	-0.17	-0.08	-0.17	-89.70	-27.29	-27.66	-26.79	-65.68	-67.79	-56.51	-96.40	-62.71	-48.99	-128.11	-63.96	-27.97	-27.28	-54.76	-29.81	-38.35	-43.59	-111.96
BARRETT_IC_5 23708	48.05	40.94	39.19	38.62	38.58	136.12	92.45	96.30	89.22	118.23	117.39	106.22	146.94	116.71	106.22	188.28	139.96	117.39	111.83	129.63	94.00	94.00	92.37	157.20
	3.53	2.78	2.38	2.45	2.34	3.68	5.10	4.25	5.52	5.42	4.92	5.05	5.25	5.65	5.85	5.32	7.10	8.57	7.47	6.93	5.89	5.24	4.79	4.08
	-0.91	-0.08	-0.17	-0.08	-0.17	-89.70	-27.29	-27.66	-26.79	-65.68	-67.79	-56.51	-96.40	-62.71	-48.99	-128.11	-63.96	-27.97	-27.28	-54.76	-29.81	-38.35	-43.59	-111.96

BARRETT_IC_6 23709	48.05 3.53 -0.91	40.94 2.78 -0.08	39.19 2.38 -0.17	38.62 2.45 -0.08	38.58 2.34 -0.17	136.12 3.68 -89.70	92.45 5.10 -27.29	96.30 4.25 -27.66	89.22 5.52 -26.79	118.23 5.42 -65.68	117.39 4.92 -67.79	106.22 5.05 -56.51	146.94 5.25 -96.40	116.71 5.65 -62.71	106.22 5.85 -48.99	188.28 5.32 -128.11	139.96 7.10 -63.96	117.39 8.57 -27.97	111.83 7.47 -27.28	129.63 6.93 -54.76	94.00 5.89 -29.81	94.00 5.24 -38.35	92.37 4.79 -43.59	157.20 4.08 -111.96
BARRETT_IC_7 23710	48.05 3.53 -0.91	40.90 2.74 -0.08	39.19 2.38 -0.17	38.51 2.35 -0.08	38.58 2.34 -0.17	136.16 3.72 -89.70	92.39 5.04 -27.29	96.31 4.25 -27.66	89.22 5.52 -26.79	118.14 5.33 -65.68	117.43 4.96 -67.79	106.27 5.09 -56.51	146.94 5.25 -96.40	116.57 5.51 -62.71	106.17 5.80 -48.99	188.83 5.87 -128.11	140.03 7.17 -63.96	117.39 8.57 -27.97	111.83 7.48 -27.28	129.49 6.79 -54.76	93.94 5.83 -29.81	94.00 5.24 -38.35	92.15 4.57 -43.59	157.24 4.12 -111.96
BARRETT_IC_8 23711	48.05 3.53 -0.91	40.94 2.78 -0.08	39.19 2.38 -0.17	38.62 2.45 -0.08	38.58 2.34 -0.17	136.12 3.68 -89.70	92.45 5.10 -27.29	96.30 4.25 -27.66	89.22 5.52 -26.79	118.23 5.42 -65.68	117.39 4.92 -67.79	106.22 5.05 -56.51	146.94 5.25 -96.40	116.71 5.65 -62.71	106.22 5.85 -48.99	188.28 5.32 -128.11	139.96 7.10 -63.96	117.39 8.57 -27.97	111.83 7.47 -27.28	129.63 6.93 -54.76	94.00 5.89 -29.81	94.00 5.24 -38.35	92.37 4.79 -43.59	157.20 4.08 -111.96
BARRETT_IC_9 23700	48.05 3.53 -0.91	40.94 2.78 -0.08	39.19 2.38 -0.17	38.62 2.45 -0.08	38.58 2.34 -0.17	136.12 3.68 -89.70	92.45 5.10 -27.29	94.27 4.25 -25.63	89.22 5.52 -26.79	118.23 5.42 -65.68	117.39 4.92 -67.79	106.22 5.05 -56.51	146.94 5.25 -96.40	116.71 5.65 -62.71	106.22 5.85 -48.99	188.28 5.32 -128.11	97.68 7.10 -21.68	98.23 8.57 -8.81	94.00 7.47 -9.46	94.00 6.93 -19.12	94.00 5.89 -29.81	94.00 5.24 -38.35	92.37 4.79 -43.59	157.20 4.08 -111.96
BARRETT___1 23545	48.05 3.53 -0.91	40.94 2.78 -0.08	39.19 2.38 -0.17	38.62 2.45 -0.08	38.58 2.34 -0.17	136.12 3.68 -89.70	92.45 5.10 -27.29	96.30 4.25 -27.66	89.22 5.52 -26.79	118.23 5.42 -65.68	117.39 4.92 -67.79	106.22 5.05 -56.51	146.94 5.25 -96.40	116.71 5.65 -62.71	106.22 5.85 -48.99	188.28 5.32 -128.11	139.96 7.10 -63.96	117.39 8.57 -27.97	111.83 7.47 -27.28	129.63 6.93 -54.76	94.00 5.89 -29.81	94.00 5.24 -38.35	92.37 4.79 -43.59	157.20 4.08 -111.96
BARRETT___2 23546	48.05 3.53 -0.91	40.94 2.78 -0.08	39.19 2.38 -0.17	38.62 2.45 -0.08	38.58 2.34 -0.17	136.12 3.68 -89.70	92.45 5.10 -27.29	94.27 4.25 -25.63	89.22 5.52 -26.79	118.23 5.42 -65.68	117.39 4.92 -67.79	106.22 5.05 -56.51	146.94 5.25 -96.40	116.71 5.65 -62.71	106.22 5.85 -48.99	188.28 5.32 -128.11	97.68 7.10 -21.68	98.23 8.57 -8.81	94.00 7.47 -9.46	94.00 6.93 -19.12	94.00 5.89 -29.81	94.00 5.24 -38.35	92.37 4.79 -43.59	157.20 4.08 -111.96
BATAVIA___115KV_TB1 55881	41.17 -2.44 0.00	35.90 -2.17 0.00	34.30 -2.35 0.00	33.96 -2.13 0.00	33.94 -2.13 0.00	39.54 -3.21 0.00	55.43 -4.62 0.00	58.79 -5.60 0.00	50.98 -5.92 0.01	42.55 -4.57 0.01	40.70 -3.98 0.01	40.55 -4.11 0.01	41.20 -4.08 0.01	43.70 -4.64 0.01	45.97 -5.39 0.01	48.65 -5.71 0.50	61.94 -6.55 0.42	73.80 -7.03 0.01	71.59 -5.47 0.01	62.90 -5.03 0.01	53.36 -5.13 -0.19	45.55 -5.04 -0.18	39.83 -4.27 -0.11	38.20 -2.96 0.00
BAYONEEC___CTG1 323682	46.58 2.97 0.00	40.62 2.55 0.00	39.02 2.38 0.00	38.47 2.38 0.00	38.35 2.27 0.00	45.69 2.95 0.00	64.32 4.26 0.00	69.09 4.70 0.00	62.09 5.18 0.00	51.94 4.81 0.00	49.11 4.42 0.00	49.27 4.60 0.00	50.04 4.75 0.00	53.42 5.08 0.00	56.71 5.34 0.00	60.70 5.16 -0.69	77.13 6.48 -1.75	88.86 8.01 0.00	84.01 6.94 0.00	74.12 6.18 0.00	66.11 5.19 -2.62	57.57 4.59 -2.58	49.80 4.18 -1.63	44.70 3.54 0.00
BAYONEEC___CTG10 323750	46.58 2.97 0.00	40.62 2.55 0.00	39.02 2.38 0.00	38.47 2.38 0.00	38.35 2.27 0.00	45.69 2.95 0.00	64.32 4.26 0.00	69.09 4.70 0.00	62.09 5.18 0.00	51.94 4.81 0.00	49.11 4.42 0.00	49.27 4.60 0.00	50.04 4.75 0.00	53.42 5.08 0.00	56.71 5.34 0.00	60.70 5.16 -0.69	77.13 6.48 -1.75	88.86 8.01 0.00	84.01 6.94 0.00	74.12 6.18 0.00	66.11 5.19 -2.62	57.57 4.59 -2.58	49.80 4.18 -1.63	44.70 3.54 0.00
BAYONEEC___CTG2 323683	46.58 2.97 0.00	40.62 2.55 0.00	39.02 2.38 0.00	38.47 2.38 0.00	38.35 2.27 0.00	45.69 2.95 0.00	64.32 4.26 0.00	69.09 4.70 0.00	62.09 5.18 0.00	51.94 4.81 0.00	49.11 4.42 0.00	49.27 4.60 0.00	50.04 4.75 0.00	53.42 5.08 0.00	56.71 5.34 0.00	60.70 5.16 -0.69	77.13 6.48 -1.75	88.86 8.01 0.00	84.01 6.94 0.00	74.12 6.18 0.00	66.11 5.19 -2.62	57.57 4.59 -2.58	49.80 4.18 -1.63	44.70 3.54 0.00
BAYONEEC___CTG3 323684	46.58 2.97 0.00	40.62 2.55 0.00	39.02 2.38 0.00	38.47 2.38 0.00	38.35 2.27 0.00	45.69 2.95 0.00	64.32 4.26 0.00	69.09 4.70 0.00	62.09 5.18 0.00	51.94 4.81 0.00	49.11 4.42 0.00	49.27 4.60 0.00	50.04 4.75 0.00	53.42 5.08 0.00	56.71 5.34 0.00	60.70 5.16 -0.69	77.13 6.48 -1.75	88.86 8.01 0.00	84.01 6.94 0.00	74.12 6.18 0.00	66.11 5.19 -2.62	57.57 4.59 -2.58	49.80 4.18 -1.63	44.70 3.54 0.00
BAYONEEC___CTG4 323685	46.58 2.97 0.00	40.62 2.55 0.00	39.02 2.38 0.00	38.47 2.38 0.00	38.35 2.27 0.00	45.69 2.95 0.00	64.32 4.26 0.00	69.09 4.70 0.00	62.09 5.18 0.00	51.94 4.81 0.00	49.11 4.42 0.00	49.27 4.60 0.00	50.04 4.75 0.00	53.42 5.08 0.00	56.71 5.34 0.00	60.70 5.16 -0.69	77.13 6.48 -1.75	88.86 8.01 0.00	84.01 6.94 0.00	74.12 6.18 0.00	66.11 5.19 -2.62	57.57 4.59 -2.58	49.80 4.18 -1.63	44.70 3.54 0.00
BAYONEEC___CTG5 323686	46.58 2.97 0.00	40.62 2.55 0.00	39.02 2.38 0.00	38.47 2.38 0.00	38.35 2.27 0.00	45.69 2.95 0.00	64.32 4.26 0.00	69.09 4.70 0.00	62.09 5.18 0.00	51.94 4.81 0.00	49.11 4.42 0.00	49.27 4.60 0.00	50.04 4.75 0.00	53.42 5.08 0.00	56.71 5.34 0.00	60.70 5.16 -0.69	77.13 6.48 -1.75	88.86 8.01 0.00	84.01 6.94 0.00	74.12 6.18 0.00	66.11 5.19 -2.62	57.57 4.59 -2.58	49.80 4.18 -1.63	44.70 3.54 0.00
BAYONEEC___CTG6 323687	46.58 2.97 0.00	40.62 2.55 0.00	39.02 2.38 0.00	38.47 2.38 0.00	38.35 2.27 0.00	45.69 2.95 0.00	64.32 4.26 0.00	69.09 4.70 0.00	62.09 5.18 0.00	51.94 4.81 0.00	49.11 4.42 0.00	49.27 4.60 0.00	50.04 4.75 0.00	53.42 5.08 0.00	56.71 5.34 0.00	60.70 5.16 -0.69	77.13 6.48 -1.75	88.86 8.01 0.00	84.01 6.94 0.00	74.12 6.18 0.00	66.11 5.19 -2.62	57.57 4.59 -2.58	49.80 4.18 -1.63	44.70 3.54 0.00
BAYONEEC___CTG7 323688	46.58 2.97 0.00	40.62 2.55 0.00	39.02 2.38 0.00	38.47 2.38 0.00	38.35 2.27 0.00	45.69 2.95 0.00	64.32 4.26 0.00	69.09 4.70 0.00	62.09 5.18 0.00	51.94 4.81 0.00	49.11 4.42 0.00	49.27 4.60 0.00	50.04 4.75 0.00	53.42 5.08 0.00	56.71 5.34 0.00	60.70 5.16 -0.69	77.13 6.48 -1.75	88.86 8.01 0.00	84.01 6.94 0.00	74.12 6.18 0.00	66.11 5.19 -2.62	57.57 4.59 -2.58	49.80 4.18 -1.63	44.70 3.54 0.00

BAYONEEC___CTG8 323689	46.58 2.97 0.00	40.62 2.55 0.00	39.02 2.38 0.00	38.47 2.38 0.00	38.35 2.27 0.00	45.69 2.95 0.00	64.32 4.26 0.00	69.09 4.70 0.00	62.09 5.18 0.00	51.94 4.81 0.00	49.11 4.42 0.00	49.27 4.60 0.00	50.04 4.75 0.00	53.42 5.08 0.00	56.71 5.34 0.00	60.70 5.16 -0.69	77.13 6.48 -1.75	88.86 8.01 0.00	84.01 6.94 0.00	74.12 6.18 0.00	66.11 5.19 -2.62	57.57 4.59 -2.58	49.80 4.18 -1.63	44.70 3.54 0.00
BAYONEEC___CTG9 323749	46.58 2.97 0.00	40.62 2.55 0.00	39.02 2.38 0.00	38.47 2.38 0.00	38.35 2.27 0.00	45.69 2.95 0.00	64.32 4.26 0.00	69.09 4.70 0.00	62.09 5.18 0.00	51.94 4.81 0.00	49.11 4.42 0.00	49.27 4.60 0.00	50.04 4.75 0.00	53.42 5.08 0.00	56.71 5.34 0.00	60.70 5.16 -0.69	77.13 6.48 -1.75	88.86 8.01 0.00	84.01 6.94 0.00	74.12 6.18 0.00	66.11 5.19 -2.62	57.57 4.59 -2.58	49.80 4.18 -1.63	44.70 3.54 0.00
BEACON___LESR 323632	45.31 1.70 0.00	39.52 1.45 0.00	38.11 1.47 0.00	37.63 1.55 0.00	37.59 1.51 0.00	44.46 1.71 0.00	62.70 2.64 0.00	67.16 2.77 0.00	59.36 2.45 0.00	49.01 1.89 0.00	46.43 1.74 0.00	46.32 1.65 0.00	46.91 1.63 0.00	50.28 1.94 0.00	53.58 2.21 0.00	58.23 2.58 -0.79	74.15 3.24 -2.01	84.65 3.80 0.00	80.85 3.78 0.00	71.27 3.33 0.00	64.11 2.80 -3.01	55.69 2.32 -2.96	47.84 1.98 -1.88	42.93 1.77 0.00
BEAVER RIVER___HYD 24048	43.61 0.00 0.00	38.07 0.00 0.00	36.57 -0.07 0.00	35.87 -0.22 0.00	35.96 -0.11 0.00	42.88 0.13 0.00	60.36 0.30 0.00	64.72 0.32 0.00	56.63 -0.28 0.00	46.56 -0.56 0.00	44.96 0.27 0.00	45.02 0.36 0.00	45.06 -0.23 0.00	48.01 -0.34 0.00	51.22 -0.15 0.00	54.89 0.00 -0.03	69.12 0.14 -0.07	80.85 0.00 0.00	77.07 0.00 0.00	67.06 0.00 0.88	58.14 0.06 0.22	50.97 0.45 -0.11	44.14 0.09 -0.07	41.16 0.00 0.00
BEEBEE_GT_13 23619	41.52 -2.09 0.00	36.40 -1.68 0.00	34.85 -1.80 0.00	34.46 -1.62 0.00	34.45 -1.62 0.00	40.35 -2.39 0.00	56.69 -3.36 0.00	60.47 -3.93 0.00	52.64 -4.27 0.01	43.91 -3.20 0.01	41.86 -2.82 0.01	41.80 -2.86 0.01	42.47 -2.81 0.01	45.10 -3.24 0.01	47.61 -3.75 0.01	50.39 -4.11 0.36	63.66 -4.96 0.28	75.75 -5.09 0.01	73.29 -3.78 0.01	64.40 -3.53 0.01	54.51 -3.96 -0.18	46.85 -3.73 -0.18	40.84 -3.25 -0.11	38.90 -2.26 0.00
BENSHRST_27_KV_BENSHRST_1 355998	47.32 3.71 0.00	41.16 3.08 0.00	39.54 2.89 0.00	38.86 2.78 0.00	38.78 2.71 0.00	46.04 3.29 0.00	64.08 4.02 0.00	68.70 4.31 0.01	61.59 4.67 -0.01	52.08 4.95 0.00	49.20 4.51 0.00	49.36 4.69 0.00	50.18 4.89 0.00	53.33 4.98 0.00	56.56 5.19 0.00	60.37 4.83 -0.69	76.78 6.13 -1.74	88.44 7.60 0.01	83.92 6.86 0.01	73.84 5.91 0.01	65.81 4.90 -2.61	57.47 4.49 -2.58	50.24 4.62 -1.63	45.20 4.03 0.00
BETHLEHEM___GRP 23843	44.88 1.26 0.00	39.10 1.03 0.00	37.74 1.10 0.00	37.20 1.12 0.00	37.19 1.12 0.00	43.99 1.24 0.00	61.86 1.80 0.00	66.33 1.93 0.00	58.79 1.88 0.00	48.54 1.41 0.00	46.03 1.34 0.00	45.96 1.30 0.00	46.55 1.27 0.00	49.85 1.50 0.00	53.07 1.70 0.00	57.57 1.92 -0.79	73.32 2.41 -2.01	83.68 2.83 0.00	79.77 2.70 0.00	70.32 2.38 0.00	63.40 2.10 -3.01	55.08 1.71 -2.96	47.35 1.50 -1.87	42.52 1.36 0.00
BETHLEHEM___GS1 323560	44.88 1.27 0.00	39.14 1.06 0.00	37.74 1.10 0.00	37.24 1.15 0.00	37.19 1.12 0.00	43.94 1.20 0.00	61.86 1.80 0.00	66.33 1.93 0.00	58.79 1.88 0.00	48.59 1.46 0.00	46.03 1.34 0.00	45.96 1.30 0.00	46.60 1.31 0.00	49.85 1.50 0.00	53.06 1.69 0.00	57.56 1.92 -0.79	73.32 2.41 -2.01	83.68 2.83 0.00	79.77 2.70 0.00	70.38 2.44 0.00	63.40 2.10 -3.01	55.08 1.71 -2.96	47.35 1.50 -1.87	42.52 1.36 0.00
BETHLEHEM___GS2 323561	44.88 1.27 0.00	39.14 1.06 0.00	37.74 1.10 0.00	37.24 1.15 0.00	37.19 1.12 0.00	43.94 1.20 0.00	61.86 1.80 0.00	66.33 1.93 0.00	58.79 1.88 0.00	48.59 1.46 0.00	46.03 1.34 0.00	45.96 1.30 0.00	46.60 1.31 0.00	49.85 1.50 0.00	53.06 1.69 0.00	57.56 1.92 -0.79	73.32 2.41 -2.01	83.68 2.83 0.00	79.77 2.70 0.00	70.38 2.44 0.00	63.40 2.10 -3.01	55.08 1.71 -2.96	47.35 1.50 -1.87	42.52 1.36 0.00
BETHLEHEM___GS3 323562	44.88 1.27 0.00	39.14 1.06 0.00	37.74 1.10 0.00	37.24 1.15 0.00	37.19 1.12 0.00	43.94 1.20 0.00	61.86 1.80 0.00	66.33 1.93 0.00	58.79 1.88 0.00	48.59 1.46 0.00	46.03 1.34 0.00	45.96 1.30 0.00	46.60 1.31 0.00	49.85 1.50 0.00	53.06 1.69 0.00	57.56 1.92 -0.79	73.32 2.41 -2.01	83.68 2.83 0.00	79.77 2.70 0.00	70.38 2.44 0.00	63.40 2.10 -3.01	55.08 1.71 -2.96	47.35 1.50 -1.87	42.52 1.36 0.00
BETHLEHEM___STEEL 23779	40.30 -3.31 0.00	35.33 -2.74 0.00	33.75 -2.89 0.00	33.41 -2.67 0.00	33.26 -2.81 0.00	38.77 -3.98 0.00	53.81 -6.25 0.00	56.73 -7.66 0.00	49.90 -7.00 0.01	41.74 -5.37 0.01	39.89 -4.78 0.01	39.79 -4.87 0.01	40.38 -4.89 0.01	42.92 -5.42 0.01	45.19 -6.16 0.01	47.93 -6.25 0.67	60.53 -7.79 0.59	71.94 -8.89 0.01	69.27 -7.78 0.01	60.93 -7.00 0.01	52.37 -6.12 -0.19	44.65 -5.95 -0.19	39.30 -4.79 -0.11	37.33 -3.83 0.00
BETHLHEM_115KV_TB1 79974	44.88 1.26 0.00	39.14 1.07 0.00	37.74 1.10 0.00	37.20 1.12 0.00	37.19 1.12 0.00	43.99 1.24 0.00	61.92 1.86 0.00	66.33 1.93 0.00	58.79 1.88 0.00	48.59 1.46 0.00	46.07 1.39 0.00	46.01 1.34 0.00	46.60 1.31 0.00	49.85 1.50 0.00	53.12 1.75 0.00	57.57 1.92 -0.79	73.32 2.41 -2.01	83.68 2.83 0.00	79.77 2.70 0.00	70.32 2.38 0.00	63.40 2.10 -3.00	55.13 1.76 -2.96	47.35 1.50 -1.87	42.52 1.36 0.00
BETHPAGE_CC_5 323564	46.59 3.36 0.37	40.74 2.66 0.00	38.88 2.27 0.03	38.43 2.34 0.00	38.31 2.27 0.03	50.31 3.51 -4.06	54.63 4.81 10.23	55.72 3.99 12.67	53.20 5.23 8.95	54.22 5.09 -2.00	55.64 4.83 -6.12	53.67 4.91 -4.09	56.46 5.07 -6.11	55.60 5.37 -1.89	54.58 5.70 2.50	64.26 5.21 -4.19	65.79 6.89 10.01	80.50 8.33 8.68	71.92 7.24 12.39	66.99 6.73 7.68	56.23 5.65 7.72	54.41 4.99 0.99	52.14 4.62 -3.54	50.19 3.95 -5.07
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	40.30 -3.31 0.00	35.33 -2.74 0.00	33.75 -2.89 0.00	33.41 -2.67 0.00	33.26 -2.81 0.00	38.77 -3.98 0.00	53.87 -6.19 0.00	56.80 -7.60 0.00	50.13 -6.77 0.01	41.83 -5.28 0.01	39.98 -4.69 0.01	39.87 -4.78 0.01	40.52 -4.76 0.01	43.11 -5.22 0.01	45.45 -5.91 0.01	48.24 -5.92 0.69	60.92 -7.37 0.61	72.35 -8.49 0.01	69.35 -7.71 0.01	61.06 -6.86 0.01	52.72 -5.77 -0.19	44.85 -5.75 -0.19	39.48 -4.62 -0.11	37.37 -3.79 0.00
BINGHAMTON___COGEN 23790	43.48 -0.13 0.00	38.00 -0.08 0.00	36.57 -0.07 0.00	36.01 -0.07 0.00	36.00 -0.07 0.00	42.58 -0.17 0.00	60.00 -0.06 0.00	64.07 -0.32 0.00	56.57 -0.34 0.00	46.89 -0.24 0.00	44.41 -0.27 0.00	44.44 -0.22 0.00	45.10 -0.18 0.00	48.20 -0.15 0.00	51.16 -0.21 0.00	54.73 -0.16 -0.04	69.37 0.07 -0.40	81.01 0.16 0.00	77.14 0.08 0.00	67.94 0.00 0.00	59.22 0.06 -0.86	51.10 -0.15 -0.85	44.34 -0.18 -0.54	41.08 -0.08 0.00

BIXINCNT_115KV_LOAD 355685	39.82 -3.79 0.00	34.80 -3.27 0.00	33.27 -3.37 0.00	32.87 -3.21 0.00	32.79 -3.28 0.00	38.22 -4.53 0.00	53.33 -6.73 0.00	56.22 -8.18 0.00	50.30 -6.60 0.02	41.55 -5.56 0.02	39.49 -5.18 0.02	39.20 -5.45 0.02	39.83 -5.43 0.02	42.63 -5.71 0.02	45.04 -6.32 0.02	47.76 -6.31 0.79	60.34 -7.86 0.71	71.21 -9.62 0.02	67.96 -9.09 0.02	59.84 -8.09 0.02	52.30 -6.18 -0.18	44.39 -6.20 -0.18	39.12 -4.97 -0.11	36.63 -4.53 0.00
BLACK RIVER___HYD 24047	43.52 -0.09 0.00	38.00 -0.08 0.00	36.50 -0.15 0.00	35.76 -0.33 0.00	35.86 -0.22 0.00	42.92 0.17 0.00	60.60 0.54 0.00	64.97 0.58 0.00	56.69 -0.23 0.00	46.51 -0.61 0.00	44.51 -0.18 0.00	44.62 -0.04 0.00	44.92 -0.36 0.00	47.82 -0.53 0.00	51.12 -0.26 0.00	54.95 0.05 -0.04	69.42 0.42 -0.10	81.34 0.49 0.00	77.61 0.54 0.00	67.81 0.48 0.61	58.63 0.41 0.08	51.16 0.61 -0.15	44.16 0.09 -0.09	41.16 0.00 0.00
BLACKRVR_115KV_TB2 79977	43.52 -0.09 0.00	38.00 -0.08 0.00	36.50 -0.15 0.00	35.80 -0.29 0.00	35.86 -0.22 0.00	42.87 0.13 0.00	60.60 0.54 0.00	64.97 0.58 0.00	56.69 -0.23 0.00	46.52 -0.61 0.00	44.51 -0.18 0.00	44.62 -0.04 0.00	44.92 -0.36 0.00	47.82 -0.53 0.00	51.11 -0.26 0.00	54.95 0.05 -0.04	69.42 0.41 -0.10	81.33 0.49 0.00	77.61 0.54 0.00	67.88 0.54 0.61	58.63 0.41 0.08	51.16 0.60 -0.15	44.16 0.09 -0.09	41.16 0.00 0.00
BLDWN_LI_69_KV_BK4 356085	47.30 3.66 -0.02	40.95 2.86 -0.02	39.16 2.49 -0.02	38.60 2.49 -0.02	38.55 2.45 -0.02	72.69 3.80 -26.14	66.60 5.22 -1.32	68.87 4.51 0.03	64.58 5.69 -1.98	71.12 5.42 -18.57	72.43 5.14 -22.61	68.28 5.27 -18.34	80.30 5.43 -29.58	72.72 5.75 -18.62	68.98 6.06 -11.55	99.32 6.14 -38.32	87.65 7.58 -11.17	92.45 9.14 -2.46	85.08 8.09 0.08	85.19 7.27 -9.98	68.40 6.18 -3.92	65.95 5.54 -10.00	62.64 4.79 -13.86	78.07 4.28 -32.63
BLISS_WT_PWR 323608	39.64 -3.97 0.00	34.57 -3.50 0.00	33.09 -3.55 0.00	32.33 -3.75 0.00	32.57 -3.50 0.00	38.04 -4.70 0.00	53.03 -7.03 0.00	55.89 -8.50 0.00	50.01 -6.89 0.02	41.22 -5.89 0.02	39.08 -5.59 0.02	38.80 -5.85 0.02	39.47 -5.80 0.02	42.29 -6.05 0.02	45.03 -6.32 0.02	47.32 -6.75 0.79	59.59 -8.48 0.83	70.40 -10.43 0.02	67.19 -9.87 0.02	59.50 -8.43 0.02	51.63 -6.82 -0.15	44.00 -6.55 -0.14	38.79 -5.28 -0.08	36.35 -4.82 0.00
BLUESTONE___WT_PWR 323821	44.70 1.09 0.00	39.03 0.95 0.00	37.52 0.88 0.00	36.81 0.72 0.00	36.87 0.79 0.00	44.03 1.28 0.00	62.21 2.16 0.00	66.84 2.45 0.00	58.97 2.05 -0.01	48.69 1.55 -0.01	45.94 1.25 -0.01	46.10 1.43 -0.01	46.97 1.68 -0.01	50.09 1.74 -0.01	53.48 2.11 -0.01	57.83 2.36 -0.61	73.48 3.38 -1.20	85.46 4.61 -0.01	81.16 4.08 -0.01	71.48 3.53 -0.01	62.70 3.03 -1.37	53.71 1.96 -1.34	46.33 1.50 -0.85	42.48 1.32 0.00
BLUE_CIRC_CHEM_DRP 24182	45.14 1.53 0.00	39.37 1.29 0.00	37.96 1.32 0.00	37.42 1.34 0.00	37.41 1.33 0.00	44.24 1.50 0.00	62.22 2.16 0.00	66.58 2.19 0.00	58.85 1.94 0.00	48.54 1.41 0.00	46.03 1.34 0.00	45.96 1.30 0.00	46.55 1.27 0.00	49.90 1.55 0.00	53.17 1.80 0.00	57.72 2.08 -0.78	73.58 2.69 -1.99	84.00 3.15 0.00	80.15 3.08 0.00	70.59 2.65 0.00	63.61 2.33 -2.98	55.30 1.97 -2.93	47.55 1.72 -1.86	42.73 1.56 0.00
BOC_GAS_DRP 24189	44.79 1.18 0.00	39.06 0.99 0.00	37.67 1.03 0.00	37.09 1.01 0.00	37.08 1.01 0.00	43.90 1.15 0.00	61.74 1.68 0.00	66.20 1.80 0.00	58.74 1.82 0.00	48.64 1.51 0.00	46.07 1.39 0.00	46.05 1.38 0.00	46.64 1.36 0.00	49.90 1.55 0.00	53.07 1.70 0.00	57.51 1.87 -0.78	73.18 2.27 -2.00	83.52 2.67 0.00	79.61 2.54 0.00	70.18 2.24 0.00	63.27 1.98 -2.99	55.01 1.66 -2.94	47.30 1.45 -1.86	42.48 1.32 0.00
BOONVILLE_115KV_TB1 79983	44.09 0.48 0.00	38.49 0.42 0.00	37.05 0.40 0.00	36.37 0.29 0.00	36.43 0.36 0.00	43.39 0.64 0.00	61.20 1.14 0.00	65.55 1.16 0.00	57.65 0.74 0.00	47.50 0.38 0.00	45.22 0.54 0.00	45.34 0.67 0.00	45.83 0.54 0.00	48.88 0.53 0.00	52.14 0.77 0.00	55.87 0.99 -0.03	70.35 1.38 -0.07	82.30 1.46 0.00	78.46 1.39 0.00	68.83 1.22 0.34	59.32 1.05 0.03	51.46 0.96 -0.10	44.66 0.62 -0.06	41.70 0.54 0.00
BORALEX_4TH_BRANCH 23824	45.79 2.18 0.00	39.86 1.79 0.00	38.44 1.80 0.00	37.82 1.73 0.00	37.88 1.80 0.00	44.88 2.14 0.00	63.18 3.12 0.00	67.74 3.35 0.00	60.05 3.13 0.00	49.25 2.12 0.00	46.74 2.06 0.00	46.59 1.92 0.00	47.05 1.77 0.00	50.33 1.98 0.00	53.68 2.31 0.00	58.51 2.85 -0.80	74.38 3.45 -2.03	85.05 4.20 0.00	81.46 4.39 0.00	71.68 3.74 0.00	64.72 3.38 -3.04	56.02 2.62 -2.99	48.03 2.16 -1.89	43.26 2.10 0.00
BOWLINE___1 23526	46.23 2.62 0.00	40.28 2.21 0.00	38.77 2.12 0.00	38.18 2.09 0.00	38.09 2.02 0.00	45.35 2.61 0.00	63.84 3.79 0.00	68.58 4.18 0.00	61.36 4.44 0.00	51.18 4.05 0.00	48.39 3.71 0.00	48.51 3.84 0.00	49.31 4.03 0.00	52.65 4.30 0.00	55.89 4.52 0.00	59.97 4.44 -0.68	76.27 5.65 -1.72	87.88 7.03 0.00	83.24 6.17 0.00	73.44 5.50 0.00	65.42 4.55 -2.57	56.97 4.03 -2.53	49.24 3.65 -1.60	44.25 3.09 0.00
BOWLINE___2 23595	46.18 2.57 0.00	40.28 2.21 0.00	38.77 2.12 0.00	38.18 2.09 0.00	38.09 2.02 0.00	45.35 2.61 0.00	63.84 3.79 0.00	68.52 4.12 0.00	61.30 4.38 0.00	51.18 4.05 0.00	48.39 3.71 0.00	48.51 3.84 0.00	49.31 4.03 0.00	52.65 4.30 0.00	55.89 4.52 0.00	59.92 4.39 -0.68	76.27 5.65 -1.72	87.88 7.03 0.00	83.24 6.17 0.00	73.44 5.50 0.00	65.42 4.55 -2.57	56.97 4.03 -2.53	49.20 3.61 -1.60	44.25 3.09 0.00
BRADY___115KV_TB2 356060	44.83 1.22 0.00	39.14 1.07 0.00	37.52 0.88 0.00	36.91 0.83 0.00	36.87 0.79 0.00	44.11 1.37 0.00	61.62 1.56 0.00	66.07 1.67 0.00	57.88 0.97 0.00	47.60 0.47 0.00	45.67 0.98 0.00	45.65 0.98 0.00	45.87 0.59 0.00	48.88 0.53 0.00	51.94 0.57 0.00	55.52 0.66 0.00	69.73 0.83 0.00	81.66 0.81 0.00	77.53 0.46 0.00	67.50 0.61 1.06	58.66 0.76 0.40	51.41 1.01 0.00	44.91 0.92 0.00	41.94 0.78 0.00
BRANSCOMB___SOLAR 323811	45.48 1.87 0.00	39.67 1.60 0.00	38.22 1.57 0.00	37.71 1.63 0.00	37.66 1.59 0.00	44.67 1.93 0.00	62.88 2.82 0.00	67.30 2.90 0.00	59.19 2.28 0.00	48.54 1.41 0.00	46.03 1.34 0.00	45.87 1.21 0.00	46.42 1.13 0.00	49.90 1.55 0.00	53.27 1.90 0.00	58.03 2.36 -0.81	74.14 3.17 -2.07	84.65 3.80 0.00	80.92 3.85 0.00	71.34 3.40 0.00	64.25 2.86 -3.09	55.77 2.32 -3.04	47.89 1.98 -1.93	42.97 1.81 0.00
BRDGHMPT_69_KV_BK1 55812	46.25 3.23 0.59	40.51 2.44 0.00	38.67 2.09 0.06	38.17 2.09 0.00	38.07 2.06 0.06	41.69 3.55 4.61	48.66 4.98 16.38	49.02 4.19 19.56	47.51 5.29 14.70	47.56 5.09 4.65	48.65 4.78 0.82	39.69 4.56 9.54	39.52 4.57 10.34	47.53 4.74 5.56	47.63 4.93 8.68	48.77 4.94 11.02	54.68 6.13 20.36	73.20 7.44 15.09	64.01 6.32 19.38	57.48 5.78 16.24	49.22 4.90 13.98	48.66 4.28 6.04	47.02 3.56 0.52	38.66 3.25 5.75

BRENTWOD_69_KV_W. BRTWOOD 56703	46.28 3.23 0.55	40.93 2.86 0.00	38.71 2.13 0.06	38.57 2.49 0.00	38.40 2.38 0.06	43.10 3.51 3.15	49.56 4.86 15.36	50.10 4.12 18.41	48.46 5.29 13.75	48.73 5.14 3.53	49.90 4.87 -0.35	48.06 4.91 1.52	48.23 5.07 2.12	49.45 5.42 4.31	49.43 5.70 7.64	52.14 5.76 8.48	57.41 7.30 18.80	74.82 8.73 14.76	66.10 7.71 18.68	59.88 7.00 15.06	51.30 5.95 12.95	50.46 5.24 5.19	48.54 4.40 -0.16	41.06 3.83 3.93
BRISTLHL_115KV_TB1 79998	42.26 -1.35 0.00	36.93 -1.14 0.00	35.54 -1.10 0.00	35.04 -1.05 0.00	35.06 -1.01 0.00	41.42 -1.33 0.00	58.43 -1.62 0.00	62.66 -1.74 0.00	55.32 -1.59 0.00	45.86 -1.27 0.00	43.43 -1.25 0.00	43.51 -1.16 0.00	44.06 -1.22 0.00	47.09 -1.26 0.00	49.93 -1.44 0.00	53.44 -1.48 -0.06	67.20 -1.86 -0.15	78.83 -2.02 0.00	75.30 -1.77 0.00	66.31 -1.63 0.00	56.95 -1.57 -0.23	49.17 -1.46 -0.22	42.76 -1.36 -0.14	40.01 -1.15 0.00
BROOKHAVEN___DRP 24191	45.85 2.83 0.59	40.16 2.09 0.00	38.30 1.72 0.06	37.81 1.73 0.00	37.71 1.70 0.06	41.19 3.08 4.64	47.98 4.32 16.40	48.36 3.54 19.58	46.97 4.78 14.72	47.12 4.67 4.67	48.14 4.29 0.84	39.39 4.29 9.56	39.35 4.44 10.38	47.41 4.64 5.58	47.61 4.93 8.70	48.78 4.99 11.07	54.72 6.20 20.38	73.21 7.44 15.07	64.08 6.40 19.38	57.53 5.84 16.25	49.37 5.07 14.00	48.84 4.49 6.05	47.28 3.83 0.53	38.79 3.42 5.79
BROOKLYN_NAVY_YARD 23515	46.58 2.97 0.00	40.59 2.51 0.00	39.02 2.38 0.00	38.43 2.34 0.00	38.31 2.24 0.00	45.69 2.95 0.00	64.32 4.26 0.00	69.09 4.70 0.00	62.09 5.18 0.00	51.94 4.81 0.00	49.11 4.42 0.00	49.27 4.60 0.00	50.00 4.71 0.00	53.42 5.08 0.00	56.66 5.29 0.00	60.70 5.16 -0.69	77.21 6.55 -1.75	88.86 8.01 0.00	84.08 7.01 0.00	74.12 6.18 0.00	66.11 5.19 -2.62	57.57 4.59 -2.58	49.80 4.18 -1.63	44.70 3.54 0.00
BROOKLYN___ARMY_DRP 323595	47.14 3.53 0.00	41.04 2.97 0.00	39.43 2.78 0.00	38.75 2.67 0.00	38.67 2.60 0.00	45.91 3.16 0.00	63.90 3.84 0.00	68.51 4.12 0.01	61.35 4.44 0.01	51.89 4.76 0.00	49.02 4.33 0.00	49.18 4.51 0.00	50.00 4.71 0.00	53.14 4.79 0.00	56.35 4.98 0.00	60.15 4.61 -0.69	76.44 5.79 -1.74	88.04 7.20 0.01	83.54 6.47 0.01	73.57 5.64 0.01	65.52 4.61 -2.61	57.27 4.28 -2.58	50.06 4.44 -1.63	45.07 3.91 0.00
BROOME_2_LFGE 323671	43.48 -0.13 0.00	38.00 -0.08 0.00	36.57 -0.07 0.00	35.94 -0.14 0.00	36.00 -0.07 0.00	42.58 -0.17 0.00	60.00 -0.06 0.00	64.07 -0.32 0.00	56.57 -0.34 0.00	46.84 -0.28 0.00	44.37 -0.31 0.00	44.44 -0.22 0.00	45.10 -0.18 0.00	48.20 -0.14 0.00	51.21 -0.15 0.00	54.74 -0.16 -0.04	69.43 0.07 -0.45	81.01 0.16 0.00	77.15 0.08 0.00	68.01 0.07 0.00	59.24 0.06 -0.88	51.12 -0.15 -0.86	44.35 -0.18 -0.55	41.08 -0.08 0.00
BROOME___LFGE 323600	43.48 -0.13 0.00	38.00 -0.08 0.00	36.57 -0.07 0.00	35.94 -0.14 0.00	36.00 -0.07 0.00	42.58 -0.17 0.00	60.00 -0.06 0.00	64.07 -0.32 0.00	56.57 -0.34 0.00	46.84 -0.28 0.00	44.37 -0.31 0.00	44.44 -0.22 0.00	45.10 -0.18 0.00	48.20 -0.14 0.00	51.21 -0.15 0.00	54.74 -0.16 -0.04	69.43 0.07 -0.45	81.01 0.16 0.00	77.15 0.08 0.00	68.01 0.07 0.00	59.24 0.06 -0.88	51.12 -0.15 -0.86	44.35 -0.18 -0.55	41.08 -0.08 0.00
BROWNFLS_115KV_TB_3_5 80003	44.00 0.39 0.00	38.42 0.34 0.00	36.86 0.22 0.00	36.19 0.11 0.00	36.22 0.14 0.00	43.13 0.38 0.00	60.48 0.42 0.00	64.85 0.45 0.00	56.86 -0.06 0.00	46.84 -0.28 0.00	45.94 1.25 0.00	45.96 1.30 0.00	45.33 0.05 0.00	48.25 -0.10 0.00	51.42 0.05 0.00	55.04 0.16 -0.02	68.96 0.00 -0.05	80.53 -0.32 0.00	76.53 -0.54 0.00	65.94 -0.41 1.59	57.61 -0.17 0.52	50.89 0.40 -0.08	44.34 0.31 -0.05	41.33 0.16 0.00
BROWNSV1_27_KV_LOAD 356125	46.97 3.36 0.00	40.89 2.82 0.00	39.32 2.67 0.00	38.65 2.56 0.00	38.56 2.49 0.00	46.00 3.25 0.00	64.80 4.74 0.00	69.68 5.28 0.00	62.55 5.63 0.00	52.41 5.28 0.00	49.51 4.83 0.00	49.63 4.96 0.00	50.40 5.12 0.00	53.76 5.42 0.00	57.13 5.75 0.00	61.20 5.65 -0.69	77.82 7.17 -1.75	89.66 8.81 0.00	84.78 7.71 0.00	74.67 6.73 0.00	66.69 5.77 -2.62	58.03 5.04 -2.58	50.15 4.53 -1.63	45.07 3.91 0.00
BURROWS___LYONSDAL 23803	43.96 0.35 0.00	38.38 0.30 0.00	36.90 0.26 0.00	36.23 0.14 0.00	36.29 0.22 0.00	43.26 0.51 0.00	60.96 0.90 0.00	65.36 0.97 0.00	57.43 0.51 0.00	47.27 0.14 0.00	45.13 0.45 0.00	45.20 0.54 0.00	45.60 0.32 0.00	48.64 0.29 0.00	51.89 0.51 0.00	55.60 0.71 -0.03	70.07 1.10 -0.07	81.98 1.13 0.00	78.07 1.00 0.44	68.38 0.88 0.44	59.05 0.82 0.07	51.31 0.81 -0.10	44.53 0.48 -0.06	41.53 0.37 0.00
CAITHNESS_CC_1 323624	45.85 2.83 0.59	40.24 2.17 0.00	38.38 1.80 0.06	37.95 1.88 0.00	37.78 1.77 0.06	41.20 3.12 4.67	48.08 4.44 16.42	48.40 3.60 19.60	47.01 4.84 14.74	47.24 4.81 4.70	48.16 4.33 0.86	39.41 4.33 9.59	39.40 4.53 10.41	47.58 4.83 5.61	47.69 5.04 8.72	48.29 4.55 11.12	54.70 6.20 20.41	73.31 7.52 15.06	64.16 6.47 19.39	57.72 6.04 16.27	49.47 5.19 14.02	48.88 4.54 6.07	47.57 4.13 0.55	38.75 3.41 5.82
CALPINE BETH_PAGE_GT4 24209	46.67 3.36 0.30	40.71 2.63 -0.01	38.89 2.27 0.02	38.33 2.24 -0.01	38.29 2.24 0.02	53.36 3.51 -7.11	56.65 4.62 8.03	58.07 3.86 10.19	55.15 5.12 6.89	56.46 5.00 -4.33	58.05 4.78 -8.58	55.94 4.87 -6.40	59.78 4.98 -9.51	58.20 5.32 -4.53	56.66 5.60 0.31	70.00 5.54 -9.60	69.43 6.89 6.37	82.54 8.25 6.56	74.33 7.24 9.99	69.83 6.59 4.71	58.36 5.54 5.48	56.40 5.19 -0.80	53.43 4.49 -4.96	54.03 3.99 -8.87
CALPINE_BETH_PAGE_GT_4 323586	46.67 3.36 0.30	40.74 2.66 -0.01	38.89 2.27 0.02	38.44 2.34 -0.01	38.29 2.24 0.02	53.36 3.51 -7.11	56.72 4.69 8.03	58.07 3.86 10.19	55.15 5.12 6.89	56.51 5.05 -4.33	58.00 4.73 -8.58	55.94 4.87 -6.40	59.82 5.03 -9.51	58.20 5.32 -4.53	56.71 5.65 0.31	69.56 5.10 -9.60	69.36 6.82 6.37	82.54 8.25 6.56	74.32 7.24 9.99	69.90 6.66 4.71	58.42 5.60 5.48	56.15 4.94 -0.80	53.47 4.53 -4.96	53.98 3.95 -8.87
CALPINE_BP_GT1 23823	46.67 3.36 0.30	40.74 2.66 -0.01	38.89 2.27 0.02	38.44 2.34 -0.01	38.29 2.24 0.02	53.36 3.51 -7.11	56.72 4.69 8.03	58.07 3.86 10.19	55.15 5.12 6.89	56.51 5.05 -4.33	58.00 4.73 -8.58	55.94 4.87 -6.40	59.82 5.03 -9.51	58.20 5.32 -4.53	56.71 5.65 0.31	69.56 5.10 -9.60	69.36 6.82 6.37	82.54 8.25 6.56	74.32 7.24 9.99	69.90 6.66 4.71	58.42 5.60 5.48	56.15 4.94 -0.80	53.47 4.53 -4.96	53.98 3.95 -8.87
CALSPAN___DRP 24200	40.30 -3.31 0.00	35.33 -2.74 0.00	33.75 -2.89 0.00	33.41 -2.67 0.00	33.26 -2.81 0.00	38.77 -3.98 0.00	53.81 -6.25 0.00	56.73 -7.66 0.00	49.90 -7.00 0.01	41.74 -5.37 0.01	39.89 -4.78 0.01	39.79 -4.87 0.01	40.38 -4.89 0.01	42.92 -5.42 0.01	45.19 -6.16 0.01	47.93 -6.25 0.67	60.53 -7.79 0.59	71.94 -8.89 0.01	69.27 -7.78 0.01	60.93 -7.00 0.01	52.37 -6.12 -0.19	44.65 -5.95 -0.19	39.30 -4.79 -0.11	37.33 -3.83 0.00

CALVERTON___SOLAR 323806	45.81 2.79 0.59	40.20 2.13 0.00	38.30 1.72 0.06	37.88 1.80 0.00	37.74 1.73 0.06	41.20 3.08 4.63	48.04 4.38 16.39	48.36 3.54 19.57	46.98 4.78 14.72	47.22 4.76 4.67	48.14 4.29 0.83	39.36 4.25 9.56	39.36 4.44 10.37	47.46 4.69 5.57	47.61 4.93 8.69	48.19 4.39 11.06	54.59 6.07 20.38	73.20 7.43 15.08	64.08 6.39 19.39	57.60 5.91 16.25	49.37 5.07 14.00	48.74 4.38 6.05	47.45 4.00 0.53	38.63 3.25 5.78
CANDIGU_WT_PWR 323617	40.86 -2.75 0.00	35.75 -2.32 0.00	34.22 -2.42 0.00	33.56 -2.53 0.00	33.66 -2.42 0.00	39.50 -3.25 0.00	55.61 -4.44 0.00	59.31 -5.09 0.00	51.69 -5.18 0.05	5.51 -4.48 37.14	5.44 -4.42 34.82	5.44 -4.42 34.81	5.58 -4.35 35.35	5.80 -4.49 38.05	5.96 -4.88 40.53	6.08 -5.10 43.68	61.21 -6.00 1.70	74.02 -6.79 0.04	70.80 -6.24 0.04	62.41 -5.50 0.04	53.62 -4.72 -0.04	45.91 -4.54 -0.04	40.13 -3.87 -0.01	38.03 -3.13 0.00
CARR STREET_E_SYR 24060	42.61 -1.00 0.00	37.24 -0.84 0.00	35.87 -0.77 0.00	35.29 -0.79 0.00	35.35 -0.72 0.00	41.81 -0.94 0.00	58.91 -1.14 0.00	63.24 -1.16 0.00	55.83 -1.08 0.00	46.28 -0.85 0.00	43.88 -0.80 0.00	43.91 -0.76 0.00	44.52 -0.77 0.00	47.57 -0.78 0.00	50.45 -0.92 0.00	53.83 -1.10 -0.07	67.71 -1.38 -0.18	79.40 -1.45 0.00	75.83 -1.24 0.00	66.65 -1.29 0.00	57.40 -1.17 -0.27	49.66 -1.01 -0.27	43.18 -0.97 -0.17	40.38 -0.78 0.00
CARTHAGE___PAPER 23857	43.65 0.04 0.00	38.11 0.04 0.00	36.61 -0.04 0.00	35.87 -0.22 0.00	35.96 -0.11 0.00	42.96 0.21 0.00	60.60 0.54 0.00	64.97 0.58 0.00	56.74 -0.17 0.00	46.61 -0.52 0.00	44.78 0.09 0.00	44.85 0.18 0.00	45.02 -0.27 0.00	47.91 -0.44 0.00	51.17 -0.20 0.00	54.95 0.05 -0.04	69.34 0.35 -0.09	81.17 0.32 0.00	77.38 0.31 0.00	67.57 0.34 0.72	58.52 0.35 0.13	51.15 0.61 -0.13	44.24 0.18 -0.08	41.20 0.04 0.00
CASSADAGA_WT_PWR 323784	39.86 -3.75 0.00	34.76 -3.31 0.00	33.27 -3.37 0.00	32.55 -3.53 0.00	32.72 -3.35 0.00	38.34 -4.40 0.00	53.27 -6.79 0.00	56.22 -8.18 0.00	49.67 -7.23 0.02	41.22 -5.89 0.02	39.26 -5.41 0.02	38.93 -5.72 0.02	39.25 -6.02 0.02	41.76 -6.58 0.02	44.27 -7.09 0.02	46.85 -7.24 0.76	59.00 -9.10 0.81	71.05 -9.79 0.02	68.34 -8.71 0.02	60.25 -7.68 0.02	51.80 -6.65 -0.15	44.20 -6.35 -0.15	38.88 -5.19 -0.09	36.84 -4.32 0.00
CE_DUNWOOD___DRP 24194	46.31 2.70 0.00	40.36 2.28 0.00	38.84 2.20 0.00	38.18 2.09 0.00	38.13 2.06 0.00	45.44 2.69 0.00	63.96 3.90 0.00	68.71 4.31 0.00	61.53 4.61 0.00	51.42 4.29 0.00	48.62 3.93 0.00	48.73 4.06 0.00	49.50 4.21 0.00	52.80 4.45 0.00	56.10 4.73 0.00	60.20 4.66 -0.68	76.57 5.93 -1.74	88.13 7.28 0.00	83.47 6.40 0.00	73.51 5.57 0.00	65.63 4.72 -2.61	57.16 4.18 -2.57	49.35 3.74 -1.63	44.37 3.21 0.00
CE_MILLWOOD___DRP 24193	46.27 2.66 0.00	40.28 2.21 0.00	38.80 2.16 0.00	38.14 2.06 0.00	38.09 2.02 0.00	45.40 2.65 0.00	63.90 3.84 0.00	68.58 4.19 0.00	61.41 4.50 0.00	51.32 4.19 0.00	48.53 3.84 0.00	48.64 3.98 0.00	49.41 4.12 0.00	52.70 4.35 0.00	56.00 4.62 0.00	60.09 4.55 -0.68	76.43 5.79 -1.74	88.05 7.20 0.00	83.39 6.32 0.00	73.44 5.50 0.00	65.57 4.66 -2.61	57.10 4.13 -2.56	49.30 3.69 -1.63	44.33 3.17 0.00
CE_NYC2_DRP 24202	46.88 3.27 0.00	40.81 2.74 0.00	39.24 2.60 0.00	38.57 2.49 0.00	38.49 2.42 0.00	45.78 3.04 0.00	64.02 3.96 0.00	68.70 4.31 0.01	61.70 4.78 0.00	51.93 4.81 0.00	49.07 4.38 0.00	49.22 4.56 0.00	50.00 4.71 0.00	53.23 4.88 0.00	56.46 5.09 0.00	60.37 4.83 -0.69	76.71 6.06 -1.74	88.28 7.44 0.01	83.54 6.47 0.01	73.57 5.64 0.01	65.69 4.78 -2.61	57.37 4.39 -2.58	49.88 4.27 -1.63	44.87 3.70 0.00
CE_NYC_DRP 24195	46.66 3.05 0.00	40.62 2.55 0.00	39.10 2.46 0.00	38.43 2.35 0.00	38.38 2.31 0.00	45.74 2.99 0.00	64.38 4.32 0.00	69.22 4.83 0.00	62.15 5.24 0.00	52.08 4.95 0.00	49.20 4.51 0.00	49.31 4.65 0.00	50.09 4.80 0.00	53.38 5.03 0.00	56.71 5.34 0.00	60.81 5.27 -0.69	77.27 6.61 -1.75	89.02 8.17 0.00	84.16 7.09 0.00	74.12 6.18 0.00	66.17 5.25 -2.62	57.62 4.64 -2.58	49.84 4.22 -1.63	44.78 3.62 0.00
CHAFFEE___LFGE 323603	40.29 -3.32 0.00	35.26 -2.82 0.00	33.75 -2.90 0.00	33.02 -3.07 0.00	33.22 -2.85 0.00	38.86 -3.89 0.00	53.87 -6.18 0.00	56.73 -7.66 0.00	50.18 -6.72 0.02	41.88 -5.23 0.02	40.11 -4.56 0.02	39.92 -4.74 0.02	40.47 -4.80 0.02	43.06 -5.27 0.02	45.60 -5.75 0.02	48.26 -5.87 0.73	60.80 -7.31 0.80	72.51 -8.33 0.02	69.58 -7.47 0.02	61.13 -6.79 0.02	52.56 -5.89 -0.15	44.91 -5.64 -0.14	39.49 -4.58 -0.08	37.46 -3.70 0.00
CHATEAUG_35_KV_LOAD 355732	43.92 0.31 0.00	38.23 0.15 0.00	36.57 -0.07 0.00	35.94 -0.14 0.00	35.89 -0.18 0.00	42.75 0.00 0.00	59.34 -0.72 0.00	63.62 -0.77 0.00	56.00 -0.91 0.00	46.28 -0.85 0.00	44.02 -0.67 0.00	43.91 -0.76 0.00	44.29 -1.00 0.00	47.14 -1.21 0.00	50.14 -1.23 0.00	53.43 -1.43 0.00	66.97 -1.93 0.00	78.42 -2.43 0.00	74.30 -2.77 0.00	52.40 -2.31 13.23	51.54 -1.81 4.96	49.15 -1.26 0.00	43.10 -0.88 0.00	40.22 -0.95 0.00
CHATEAUG_WT_PWR 323614	43.87 0.26 0.00	38.19 0.11 0.00	36.57 -0.07 0.00	35.94 -0.14 0.00	35.86 -0.22 0.00	42.70 -0.04 0.00	59.21 -0.84 0.00	63.43 -0.96 0.00	55.89 -1.02 0.00	46.28 -0.85 0.00	43.97 -0.72 0.00	43.87 -0.80 0.00	44.33 -0.95 0.00	47.19 -1.16 0.00	50.14 -1.23 0.00	53.43 -1.43 0.00	66.90 -2.00 0.00	78.34 -2.51 0.00	74.22 -2.85 0.00	51.11 -2.44 14.39	50.99 -1.92 5.39	49.10 -1.31 0.00	43.06 -0.93 0.00	40.17 -0.99 0.00
CHAT_HIGH_FALL_HYD 323578	43.92 0.31 0.00	38.23 0.15 0.00	36.57 -0.07 0.00	35.94 -0.14 0.00	35.89 -0.18 0.00	42.75 0.00 0.00	59.34 -0.72 0.00	63.62 -0.77 0.00	56.00 -0.91 0.00	46.28 -0.85 0.00	44.02 -0.67 0.00	43.91 -0.76 0.00	44.29 -1.00 0.00	47.14 -1.21 0.00	50.14 -1.23 0.00	53.43 -1.43 0.00	66.97 -1.93 0.00	78.42 -2.43 0.00	74.30 -2.77 0.00	52.40 -2.31 13.23	51.54 -1.81 4.96	49.15 -1.26 0.00	43.10 -0.88 0.00	40.22 -0.95 0.00
CHAUTAUQUA___LFGE 323629	40.21 -3.40 0.00	35.18 -2.90 0.00	33.71 -2.93 0.00	32.98 -3.10 0.00	33.15 -2.92 0.00	38.81 -3.93 0.00	53.87 -6.18 0.00	56.93 -7.47 0.00	50.07 -6.83 0.02	41.74 -5.37 0.02	39.89 -4.78 0.02	39.65 -5.00 0.02	40.06 -5.21 0.02	42.58 -5.75 0.02	45.04 -6.32 0.02	47.66 -6.47 0.72	59.99 -8.13 0.78	72.02 -8.81 0.02	69.35 -7.71 0.02	60.93 -7.00 0.02	52.27 -6.18 -0.15	44.65 -5.90 -0.15	39.28 -4.79 -0.09	37.38 -3.79 0.00
CHERRYST_13_KV_LD 356241	46.75 3.14 0.00	40.70 2.63 0.00	39.17 2.53 0.00	38.50 2.42 0.00	38.45 2.38 0.00	45.82 3.08 0.00	64.56 4.50 0.00	69.42 5.02 0.00	62.32 5.41 0.00	52.22 5.09 0.00	49.33 4.65 0.00	49.45 4.78 0.00	50.22 4.94 0.00	53.57 5.22 0.00	56.87 5.50 0.00	60.98 5.43 -0.69	77.55 6.89 -1.75	89.26 8.41 0.00	84.39 7.32 0.00	74.33 6.39 0.00	66.34 5.42 -2.62	57.72 4.74 -2.58	49.93 4.31 -1.63	44.87 3.70 0.00

CHESTROR_138KV_BK263 355645	46.05 2.44 0.00	40.09 2.02 0.00	38.62 1.98 0.00	38.00 1.91 0.00	37.95 1.88 0.00	45.14 2.39 0.00	63.60 3.54 0.00	68.26 3.86 0.00	60.96 4.04 0.00	50.85 3.72 0.00	48.08 3.40 0.00	48.15 3.48 0.00	48.91 3.62 0.00	52.22 3.87 0.00	55.48 4.11 0.00	59.57 4.06 -0.66	75.82 5.24 -1.68	87.40 6.55 0.00	82.85 5.78 0.00	72.97 5.03 0.00	65.12 4.31 -2.51	56.65 3.78 -2.47	48.93 3.39 -1.56	44.04 2.88 0.00
CH_MIDHUDSON___DRP 24192	46.10 2.49 0.00	40.17 2.09 0.00	38.69 2.05 0.00	38.03 1.95 0.00	38.02 1.95 0.00	45.18 2.44 0.00	63.72 3.66 0.00	68.39 3.99 0.00	61.01 4.10 0.00	50.90 3.77 0.00	48.08 3.40 0.00	48.15 3.48 0.00	48.91 3.62 0.00	52.26 3.92 0.00	55.53 4.16 0.00	59.72 4.17 -0.69	76.05 5.37 -1.77	87.56 6.71 0.00	82.93 5.86 0.00	73.04 5.10 0.00	65.32 4.37 -2.65	56.84 3.83 -2.60	49.06 3.43 -1.65	44.08 2.92 0.00
CH_MISC_IPPS 23765	46.36 2.75 0.00	40.40 2.32 0.00	38.88 2.24 0.00	38.29 2.20 0.00	38.20 2.13 0.00	45.44 2.69 0.00	64.14 4.09 0.00	68.78 4.38 0.00	61.36 4.44 0.00	51.04 3.91 0.00	48.22 3.53 0.00	48.33 3.66 0.00	49.18 3.90 0.00	52.60 4.26 0.00	55.84 4.47 0.00	60.04 4.50 -0.69	76.51 5.85 -1.75	88.21 7.36 0.00	83.55 6.47 0.00	73.65 5.71 0.00	65.70 4.78 -2.62	57.16 4.18 -2.57	49.31 3.70 -1.63	44.33 3.17 0.00
CH_RES_BVR_FALLS 23983	42.83 -0.78 0.00	37.31 -0.76 0.00	35.84 -0.81 0.00	35.29 -0.79 0.00	35.24 -0.83 0.00	41.85 -0.90 0.00	58.68 -1.38 0.00	62.98 -1.42 0.00	55.66 -1.25 0.00	46.14 -0.99 0.00	43.75 -0.94 0.00	43.69 -0.98 0.00	44.25 -1.04 0.00	47.19 -1.16 0.00	50.14 -1.23 0.00	53.54 -1.32 0.00	67.25 -1.65 0.00	78.91 -1.94 0.00	75.07 -2.00 0.00	66.25 -1.70 0.00	56.90 -1.40 0.00	49.30 -1.11 0.00	43.02 -0.97 0.00	40.22 -0.95 0.00
CH_RES_NIAGARA 23895	39.21 -4.40 0.00	35.14 -2.93 0.00	33.53 -3.11 0.00	33.23 -2.85 0.00	33.08 -2.99 0.00	38.39 -4.36 0.00	52.25 -7.81 0.00	55.06 -9.34 0.00	47.85 -9.05 0.01	40.28 -6.83 0.01	38.51 -6.17 0.01	38.40 -6.25 0.01	38.89 -6.39 0.01	41.13 -7.20 0.01	43.14 -8.22 0.01	45.51 -8.78 0.57	58.00 -10.40 0.50	68.63 -12.21 0.01	66.88 -10.17 0.01	58.83 -9.10 0.01	49.69 -8.80 -0.19	42.58 -8.01 -0.19	37.72 -6.38 -0.11	36.26 -4.90 0.00
CH_RES_SYRACUSE 23985	42.87 -0.74 0.00	37.46 -0.61 0.00	36.09 -0.55 0.00	35.51 -0.58 0.00	35.57 -0.51 0.00	42.06 -0.69 0.00	59.34 -0.72 0.00	63.63 -0.77 0.00	56.29 -0.62 0.00	46.61 -0.52 0.00	44.15 -0.53 0.00	44.22 -0.45 0.00	44.83 -0.45 0.00	47.91 -0.44 0.00	50.86 -0.51 0.00	54.33 -0.60 -0.08	68.41 -0.69 -0.19	80.20 -0.65 0.00	76.53 -0.54 0.00	67.33 -0.61 0.00	57.95 -0.64 -0.29	50.03 -0.66 -0.28	43.51 -0.66 -0.18	40.63 -0.54 0.00
CLINTON_WT_PWR 323605	43.87 0.26 0.00	38.19 0.11 0.00	36.57 -0.07 0.00	35.94 -0.14 0.00	35.86 -0.22 0.00	42.70 -0.04 0.00	59.21 -0.84 0.00	63.43 -0.96 0.00	55.89 -1.02 0.00	46.28 -0.85 0.00	43.97 -0.72 0.00	43.87 -0.80 0.00	44.33 -0.95 0.00	47.19 -1.16 0.00	50.14 -1.23 0.00	53.43 -1.43 0.00	66.90 -2.00 0.00	78.34 -2.51 0.00	74.22 -2.85 0.00	51.11 -2.44 14.39	50.99 -1.92 5.39	49.10 -1.31 0.00	43.06 -0.93 0.00	40.17 -0.99 0.00
CLINTON___LFGE 323618	44.40 0.79 0.00	38.68 0.61 0.00	36.97 0.33 0.00	36.34 0.25 0.00	36.29 0.22 0.00	43.26 0.51 0.00	59.57 -0.48 0.00	63.81 -0.58 0.00	56.12 -0.80 0.00	46.42 -0.71 0.00	44.15 -0.53 0.00	44.00 -0.67 0.00	44.47 -0.81 0.00	47.28 -1.06 0.00	50.29 -1.08 0.00	53.43 -1.43 0.00	67.05 -1.86 0.00	78.50 -2.35 0.00	74.14 -2.93 0.00	51.50 -2.38 14.06	51.22 -1.81 5.27	49.25 -1.16 0.00	43.32 -0.66 0.00	40.42 -0.74 0.00
COBBLENY_34_KV_TB1 80064	40.30 -3.31 0.00	35.33 -2.74 0.00	33.75 -2.89 0.00	33.41 -2.67 0.00	33.26 -2.81 0.00	38.81 -3.93 0.00	53.87 -6.19 0.00	56.80 -7.60 0.00	50.24 -6.66 0.02	41.93 -5.18 0.02	40.07 -4.60 0.02	39.96 -4.69 0.02	40.61 -4.66 0.02	43.16 -5.17 0.02	45.45 -5.91 0.02	48.26 -5.87 0.73	60.95 -7.30 0.65	72.51 -8.33 0.02	69.66 -7.40 0.02	61.27 -6.66 0.02	52.77 -5.71 -0.19	44.94 -5.65 -0.18	39.52 -4.57 -0.11	37.46 -3.70 0.00
COFFEEN___115KV_TB3 355620	43.65 0.04 0.00	38.11 0.04 0.00	36.61 -0.04 0.00	35.87 -0.22 0.00	35.96 -0.11 0.00	43.05 0.30 0.00	60.90 0.84 0.00	65.30 0.90 0.00	56.86 -0.06 0.00	46.61 -0.52 0.00	44.55 -0.13 0.00	44.67 0.00 0.00	45.01 -0.27 0.00	47.91 -0.44 0.00	51.22 -0.15 0.00	55.12 0.22 -0.04	69.69 0.69 -0.10	81.74 0.89 0.00	78.00 0.92 0.00	68.23 0.88 0.59	58.99 0.76 0.07	51.41 0.86 -0.15	44.34 0.26 -0.10	41.29 0.12 0.00
COLDSPRG_115KV_BK1 355956	40.56 -3.05 0.00	35.48 -2.59 0.00	33.97 -2.67 0.00	33.56 -2.53 0.00	33.48 -2.60 0.00	39.16 -3.59 0.00	54.65 -5.41 0.00	57.70 -6.70 0.00	51.55 -5.35 0.02	42.68 -4.43 0.02	40.69 -3.98 0.02	40.50 -4.15 0.02	41.10 -4.17 0.02	43.83 -4.50 0.02	46.32 -5.03 0.02	49.32 -4.72 0.82	62.31 -5.86 0.73	74.20 -6.63 0.02	70.58 -6.47 0.02	62.22 -5.71 0.02	54.28 -4.20 -0.18	46.00 -4.59 -0.18	40.35 -3.74 -0.11	37.87 -3.29 0.00
COLONIE_LFGE___ 323577	45.27 1.66 0.00	39.48 1.41 0.00	38.03 1.39 0.00	37.53 1.44 0.00	37.48 1.41 0.00	44.37 1.62 0.00	62.46 2.40 0.00	66.97 2.58 0.00	59.25 2.33 0.00	48.78 1.65 0.00	46.21 1.52 0.00	46.14 1.47 0.00	46.69 1.41 0.00	49.99 1.64 0.00	53.27 1.90 0.00	57.96 2.30 -0.80	73.84 2.89 -2.04	84.24 3.40 0.00	80.54 3.47 0.00	71.07 3.13 0.00	63.99 2.63 -3.06	55.53 2.12 -3.01	47.69 1.80 -1.91	42.81 1.65 0.00
COOPERNY_115KV_TB1 80082	45.44 1.83 0.00	39.63 1.56 0.00	38.18 1.54 0.00	37.56 1.48 0.00	37.52 1.44 0.00	44.58 1.84 0.00	62.76 2.70 0.00	67.62 3.22 0.00	60.22 3.30 0.00	50.14 3.02 0.00	47.41 2.73 0.00	47.53 2.86 0.00	48.27 2.99 0.00	51.49 3.14 0.00	54.76 3.39 0.00	58.80 3.40 -0.54	74.68 4.41 -1.37	86.19 5.34 0.00	81.85 4.78 0.00	72.09 4.14 0.00	63.90 3.56 -2.05	55.55 3.13 -2.02	48.03 2.77 -1.28	43.55 2.39 0.00
COPENHAGEN_WT_PWR 323753	43.44 -0.17 0.00	37.88 -0.19 0.00	36.42 -0.22 0.00	35.69 -0.40 0.00	35.78 -0.29 0.00	42.79 0.04 0.00	60.42 0.36 0.00	64.78 0.39 0.00	56.58 -0.34 0.00	46.47 -0.66 0.00	44.42 -0.27 0.00	44.49 -0.18 0.00	44.83 -0.45 0.00	47.77 -0.58 0.00	51.01 -0.36 0.00	54.79 -0.11 -0.04	69.22 0.21 -0.11	81.09 0.24 0.00	77.38 0.31 0.00	67.66 0.27 0.56	58.48 0.23 0.05	50.96 0.40 -0.16	44.04 -0.04 -0.10	41.04 -0.12 0.00
CORNELL_____ 23752	43.79 0.17 0.00	38.26 0.19 0.00	36.79 0.15 0.00	36.23 0.14 0.00	36.25 0.18 0.00	42.96 0.21 0.00	60.72 0.66 0.00	64.97 0.58 0.00	57.20 0.23 -0.05	47.23 0.05 -0.05	44.61 -0.13 -0.05	44.68 -0.04 -0.05	45.34 0.00 -0.05	48.45 0.05 -0.05	51.48 0.05 -0.05	58.07 0.22 -2.99	73.11 0.69 -3.51	82.03 1.13 -0.05	78.28 1.16 -0.05	68.88 0.88 -0.05	60.39 0.70 -1.39	52.18 0.40 -1.37	45.05 0.18 -0.89	41.41 0.25 0.00

CORONA V_69_KV_TB1 355595	47.95 3.84 -0.50	41.09 2.97 -0.05	39.38 2.64 -0.09	38.73 2.60 -0.05	38.73 2.56 -0.09	100.48 3.93 -53.80	80.74 5.47 -15.22	84.43 4.83 -15.20	77.95 5.92 -15.12	92.04 5.61 -39.30	92.69 5.32 -42.68	85.57 5.45 -35.46	109.48 5.57 -58.63	93.18 5.90 -38.93	86.50 6.22 -28.91	140.91 6.31 -79.75	115.26 7.79 -38.57	106.36 9.38 -16.13	100.44 8.25 -15.13	108.22 7.47 -32.80	82.53 6.35 -17.87	79.57 5.65 -23.52	75.67 4.88 -26.80	112.73 4.40 -67.16
CORTLAND_115KV_TB3 80093	43.61 0.00 0.00	38.11 0.04 0.00	36.68 0.04 0.00	36.12 0.04 0.00	36.14 0.07 0.00	42.83 0.09 0.00	60.48 0.42 0.00	64.78 0.39 0.00	57.16 0.23 -0.01	47.28 0.14 -0.01	44.75 0.04 -0.01	44.82 0.13 -0.01	45.48 0.18 -0.01	48.56 0.19 -0.01	51.59 0.21 -0.01	56.05 0.27 -0.92	70.73 0.62 -1.21	81.67 0.81 -0.01	77.93 0.85 -0.01	68.64 0.68 -0.01	59.56 0.52 -0.74	51.43 0.30 -0.73	44.58 0.13 -0.47	41.33 0.16 0.00
COXSACKIE__GT 23611	46.14 2.53 0.00	40.17 2.09 0.00	38.77 2.12 0.00	38.25 2.16 0.00	38.20 2.13 0.00	45.10 2.35 0.00	64.20 4.14 0.00	68.52 4.12 0.00	59.99 3.07 0.00	48.96 1.84 0.00	46.12 1.43 0.00	46.01 1.34 0.00	46.69 1.41 0.00	50.19 1.84 0.00	53.63 2.26 0.00	58.47 2.85 -0.77	75.06 4.20 -1.95	86.67 5.82 0.00	82.69 5.62 0.00	72.70 4.75 0.00	65.30 4.08 -2.92	56.61 3.33 -2.88	48.53 2.73 -1.82	43.63 2.47 0.00
CPV_VALLEY__CC1 323721	46.05 2.44 0.00	40.17 2.09 0.00	38.62 1.98 0.00	38.07 1.98 0.00	37.98 1.91 0.00	45.18 2.44 0.00	63.60 3.54 0.00	68.26 3.86 0.00	61.02 4.10 0.00	50.90 3.77 0.00	48.13 3.44 0.00	48.24 3.57 0.00	49.00 3.71 0.00	52.36 4.01 0.00	55.58 4.21 0.00	59.63 4.12 -0.66	75.89 5.31 -1.68	87.40 6.55 0.00	82.85 5.78 0.00	73.10 5.16 0.00	65.07 4.25 -2.52	56.66 3.78 -2.48	48.99 3.43 -1.57	44.08 2.92 0.00
CPV_VALLEY__CC2 323722	46.05 2.44 0.00	40.17 2.09 0.00	38.62 1.98 0.00	38.07 1.98 0.00	37.98 1.91 0.00	45.18 2.44 0.00	63.60 3.54 0.00	68.26 3.86 0.00	61.02 4.10 0.00	50.90 3.77 0.00	48.13 3.44 0.00	48.24 3.57 0.00	49.00 3.71 0.00	52.36 4.01 0.00	55.58 4.21 0.00	59.63 4.12 -0.66	75.89 5.31 -1.68	87.40 6.55 0.00	82.85 5.78 0.00	73.10 5.16 0.00	65.07 4.25 -2.52	56.66 3.78 -2.48	48.99 3.43 -1.57	44.08 2.92 0.00
CRESCENT__HYD 24018	45.27 1.66 0.00	39.48 1.41 0.00	38.03 1.39 0.00	37.53 1.44 0.00	37.48 1.41 0.00	44.37 1.62 0.00	62.46 2.40 0.00	66.97 2.58 0.00	59.25 2.33 0.00	48.78 1.65 0.00	46.21 1.52 0.00	46.14 1.47 0.00	46.69 1.41 0.00	49.99 1.64 0.00	53.27 1.90 0.00	57.96 2.30 -0.80	73.84 2.89 -2.04	84.24 3.40 0.00	80.54 3.47 0.00	71.07 3.13 0.00	63.99 2.63 -3.06	55.53 2.12 -3.01	47.69 1.80 -1.91	42.81 1.65 0.00
CRICKET__VALLEY_CC1 323756	45.75 2.14 0.00	39.90 1.83 0.00	38.36 1.72 0.00	37.82 1.73 0.00	37.73 1.66 0.00	44.88 2.14 0.00	63.12 3.06 0.00	67.74 3.35 0.00	60.61 3.70 0.00	50.57 3.44 0.00	47.81 3.13 0.00	47.93 3.26 0.00	48.68 3.40 0.00	52.02 3.67 0.00	55.23 3.85 0.00	59.29 3.73 -0.70	75.44 4.75 -1.79	86.67 5.82 0.00	82.16 5.09 0.00	72.49 4.55 0.00	64.76 3.79 -2.68	56.42 3.38 -2.63	48.73 3.08 -1.67	43.76 2.59 0.00
CRICKET__VALLEY_CC2 323757	45.75 2.14 0.00	39.90 1.83 0.00	38.36 1.72 0.00	37.82 1.73 0.00	37.73 1.66 0.00	44.88 2.14 0.00	63.12 3.06 0.00	67.74 3.35 0.00	60.61 3.70 0.00	50.57 3.44 0.00	47.81 3.13 0.00	47.93 3.26 0.00	48.68 3.40 0.00	52.02 3.67 0.00	55.23 3.85 0.00	59.29 3.73 -0.70	75.44 4.75 -1.79	86.67 5.82 0.00	82.16 5.09 0.00	72.49 4.55 0.00	64.76 3.79 -2.68	56.42 3.38 -2.63	48.73 3.08 -1.67	43.76 2.59 0.00
CRICKET__VALLEY_CC3 323758	45.75 2.14 0.00	39.90 1.83 0.00	38.36 1.72 0.00	37.82 1.73 0.00	37.73 1.66 0.00	44.88 2.14 0.00	63.12 3.06 0.00	67.74 3.35 0.00	60.61 3.70 0.00	50.57 3.44 0.00	47.81 3.13 0.00	47.93 3.26 0.00	48.68 3.40 0.00	52.02 3.67 0.00	55.23 3.85 0.00	59.29 3.73 -0.70	75.44 4.75 -1.79	86.67 5.82 0.00	82.16 5.09 0.00	72.49 4.55 0.00	64.76 3.79 -2.68	56.42 3.38 -2.63	48.73 3.08 -1.67	43.76 2.59 0.00
CRUCIBLE_METL_DRP 24180	42.87 -0.74 0.00	37.50 -0.57 0.00	36.09 -0.55 0.00	35.54 -0.54 0.00	35.57 -0.51 0.00	42.06 -0.68 0.00	59.34 -0.72 0.00	63.62 -0.77 0.00	56.29 -0.63 0.00	46.61 -0.52 0.00	44.15 -0.54 0.00	44.22 -0.45 0.00	44.83 -0.45 0.00	47.91 -0.44 0.00	50.81 -0.57 0.00	54.33 -0.60 -0.08	68.41 -0.69 -0.19	80.20 -0.65 0.00	76.53 -0.54 0.00	67.40 -0.54 0.00	57.95 -0.64 -0.29	50.04 -0.66 -0.28	43.50 -0.66 -0.18	40.63 -0.54 0.00
DAHOWA__HYDRO 323763	45.58 1.96 0.00	39.75 1.67 0.00	38.29 1.65 0.00	37.78 1.70 0.00	37.73 1.66 0.00	44.76 2.01 0.00	63.06 3.00 0.00	67.49 3.09 0.00	59.31 2.39 0.00	48.54 1.41 0.00	46.07 1.39 0.00	45.87 1.21 0.00	46.42 1.13 0.00	49.90 1.55 0.00	53.32 1.95 0.00	58.08 2.41 -0.81	74.35 3.38 -2.07	84.81 3.96 0.00	81.15 4.08 0.00	71.47 3.53 0.00	64.43 3.03 -3.10	55.87 2.42 -3.05	47.98 2.07 -1.93	43.06 1.89 0.00
DANC__LFGE 323619	43.00 -0.61 0.00	37.54 -0.53 0.00	36.09 -0.55 0.00	35.44 -0.65 0.00	35.53 -0.54 0.00	42.28 -0.47 0.00	59.64 -0.42 0.00	63.95 -0.45 0.00	56.06 -0.85 0.00	46.23 -0.90 0.00	44.06 -0.63 0.00	44.13 -0.53 0.00	44.52 -0.77 0.00	47.48 -0.87 0.00	50.60 -0.77 0.00	54.30 -0.60 -0.05	68.41 -0.62 -0.12	80.20 -0.65 0.00	76.61 -0.46 0.00	67.09 -0.47 0.38	57.94 -0.41 -0.04	50.34 -0.25 -0.18	43.62 -0.48 -0.11	40.67 -0.49 0.00
DANSKAMMER__1 23586	46.36 2.75 0.00	40.40 2.32 0.00	38.88 2.24 0.00	38.29 2.20 0.00	38.20 2.13 0.00	45.44 2.69 0.00	64.14 4.09 0.00	68.78 4.38 0.00	61.36 4.44 0.00	51.04 3.91 0.00	48.22 3.53 0.00	48.33 3.66 0.00	49.18 3.90 0.00	52.60 4.26 0.00	55.84 4.47 0.00	60.04 4.50 -0.69	76.51 5.85 -1.75	88.21 7.36 0.00	83.55 6.47 0.00	73.65 5.71 0.00	65.70 4.78 -2.62	57.16 4.18 -2.57	49.31 3.70 -1.63	44.33 3.17 0.00
DANSKAMMER__2 23589	46.36 2.75 0.00	40.40 2.32 0.00	38.88 2.24 0.00	38.29 2.20 0.00	38.20 2.13 0.00	45.44 2.69 0.00	64.14 4.09 0.00	68.78 4.38 0.00	61.36 4.44 0.00	51.04 3.91 0.00	48.22 3.53 0.00	48.33 3.66 0.00	49.18 3.90 0.00	52.60 4.26 0.00	55.84 4.47 0.00	60.04 4.50 -0.69	76.51 5.85 -1.75	88.21 7.36 0.00	83.55 6.47 0.00	73.65 5.71 0.00	65.70 4.78 -2.62	57.16 4.18 -2.57	49.31 3.70 -1.63	44.33 3.17 0.00
DANSKAMMER__3 23590	46.36 2.75 0.00	40.40 2.32 0.00	38.88 2.24 0.00	38.29 2.20 0.00	38.20 2.13 0.00	45.44 2.69 0.00	64.14 4.09 0.00	68.78 4.38 0.00	61.36 4.44 0.00	51.04 3.91 0.00	48.22 3.53 0.00	48.33 3.66 0.00	49.18 3.90 0.00	52.60 4.26 0.00	55.84 4.47 0.00	60.04 4.50 -0.69	76.51 5.85 -1.75	88.21 7.36 0.00	83.55 6.47 0.00	73.65 5.71 0.00	65.70 4.78 -2.62	57.16 4.18 -2.57	49.31 3.70 -1.63	44.33 3.17 0.00

DANSKAMMER___4 23591	46.36 2.75 0.00	40.40 2.32 0.00	38.88 2.24 0.00	38.29 2.20 0.00	38.20 2.13 0.00	45.44 2.69 0.00	64.14 4.09 0.00	68.78 4.38 0.00	61.36 4.44 0.00	51.04 3.91 0.00	48.22 3.53 0.00	48.33 3.66 0.00	49.18 3.90 0.00	52.60 4.26 0.00	55.84 4.47 0.00	60.04 4.50 -0.69	76.51 5.85 -1.75	88.21 7.36 0.00	83.55 6.47 0.00	73.65 5.71 0.00	65.70 4.78 -2.62	57.16 4.18 -2.57	49.31 3.70 -1.63	44.33 3.17 0.00
DANSKAMMER___DIESEL 23592	46.36 2.75 0.00	40.36 2.28 0.00	38.88 2.24 0.00	38.25 2.17 0.00	38.20 2.13 0.00	45.40 2.65 0.00	64.08 4.02 0.00	68.77 4.38 0.00	61.35 4.44 0.00	51.09 3.96 0.00	48.26 3.57 0.00	48.33 3.66 0.00	49.14 3.85 0.00	52.51 4.16 0.00	55.84 4.47 0.00	60.04 4.50 -0.69	76.51 5.86 -1.75	88.21 7.36 0.00	83.54 6.47 0.00	73.51 5.57 0.00	65.70 4.78 -2.62	57.16 4.18 -2.57	49.31 3.69 -1.63	44.33 3.17 0.00
DARBY___SOLAR 323810	45.48 1.87 0.00	39.67 1.60 0.00	38.22 1.57 0.00	37.71 1.63 0.00	37.66 1.59 0.00	44.67 1.93 0.00	62.88 2.82 0.00	67.30 2.90 0.00	59.19 2.28 0.00	48.50 1.37 0.00	45.98 1.30 0.00	45.83 1.16 0.00	46.37 1.09 0.00	49.85 1.50 0.00	53.27 1.90 0.00	58.03 2.36 -0.81	74.14 3.17 -2.07	84.65 3.80 0.00	80.92 3.85 0.00	71.34 3.40 0.00	64.25 2.86 -3.09	55.77 2.32 -3.04	47.89 1.98 -1.93	42.97 1.81 0.00
DASHVILLE___HYD 23610	45.70 2.09 0.00	39.82 1.75 0.00	38.40 1.76 0.00	37.74 1.66 0.00	37.73 1.66 0.00	44.76 2.01 0.00	63.18 3.12 0.00	67.74 3.35 0.00	60.27 3.36 0.00	50.14 3.02 0.00	47.32 2.64 0.00	47.39 2.72 0.00	48.14 2.85 0.00	51.44 3.09 0.00	54.71 3.34 0.00	58.96 3.40 -0.70	75.17 4.48 -1.79	86.59 5.74 0.00	82.08 5.01 0.00	72.29 4.35 0.00	64.70 3.73 -2.67	56.31 3.28 -2.63	48.55 2.90 -1.67	43.67 2.51 0.00
DELAWARE___LFGE 323621	44.74 1.13 0.00	39.03 0.95 0.00	37.63 0.99 0.00	37.02 0.94 0.00	37.01 0.94 0.00	43.94 1.20 0.00	61.92 1.86 0.00	66.13 1.74 0.00	58.45 1.54 0.00	48.45 1.32 0.00	45.89 1.21 0.00	45.96 1.30 0.00	46.69 1.40 0.00	49.85 1.50 0.00	53.07 1.70 0.00	57.05 1.87 -0.33	72.22 2.48 -0.83	83.68 2.83 0.00	79.54 2.47 0.00	70.18 2.24 0.00	61.53 1.98 -1.24	53.24 1.61 -1.22	46.12 1.36 -0.78	42.36 1.19 0.00
DERFIELD_115KV_TB7 355931	43.79 0.17 0.00	38.23 0.15 0.00	36.83 0.18 0.00	36.23 0.14 0.00	36.22 0.14 0.00	42.92 0.17 0.00	60.36 0.30 0.00	64.72 0.32 0.00	57.20 0.28 0.00	47.36 0.24 0.00	44.91 0.22 0.00	44.89 0.22 0.00	45.51 0.23 0.00	48.64 0.29 0.00	51.68 0.31 0.00	55.24 0.38 0.00	69.39 0.48 0.00	81.42 0.57 0.00	77.61 0.54 0.00	68.42 0.48 0.00	58.71 0.41 0.00	50.71 0.30 0.00	44.25 0.26 0.00	41.37 0.21 0.00
DOGLEVILLE___HYD 23807	46.40 2.79 0.00	40.51 2.44 0.00	38.95 2.31 0.00	38.32 2.24 0.00	38.31 2.24 0.00	45.44 2.69 0.00	63.84 3.78 0.00	68.26 3.86 0.00	60.22 3.30 0.00	49.86 2.73 0.00	47.23 2.55 0.00	47.26 2.59 0.00	47.82 2.54 0.00	50.91 2.56 0.00	54.15 2.77 0.00	57.82 2.96 0.00	72.49 3.58 0.00	84.97 4.12 0.00	81.00 3.93 0.00	71.27 3.33 0.00	61.10 2.80 0.00	52.93 2.52 0.00	46.09 2.11 0.00	43.18 2.02 0.00
DUNKIRK__115KV_TB_200 55889	40.30 -3.31 0.00	35.33 -2.74 0.00	33.78 -2.86 0.00	33.41 -2.67 0.00	33.29 -2.78 0.00	38.86 -3.89 0.00	54.05 -6.01 0.00	57.05 -7.34 0.00	50.18 -6.72 0.02	41.88 -5.23 0.02	39.93 -4.74 0.02	39.74 -4.91 0.02	40.29 -4.98 0.02	42.77 -5.56 0.02	45.04 -6.32 0.02	47.72 -6.42 0.72	60.27 -7.99 0.64	72.18 -8.65 0.02	69.58 -7.48 0.02	61.20 -6.73 0.02	52.60 -5.89 -0.19	44.74 -5.85 -0.18	39.39 -4.71 -0.11	37.42 -3.75 0.00
DUNKIRK___1 23563	40.30 -3.31 0.00	35.33 -2.74 0.00	33.78 -2.86 0.00	33.41 -2.67 0.00	33.29 -2.78 0.00	38.86 -3.89 0.00	54.05 -6.01 0.00	57.05 -7.34 0.00	50.18 -6.72 0.02	41.88 -5.23 0.02	39.93 -4.74 0.02	39.74 -4.91 0.02	40.29 -4.98 0.02	42.77 -5.56 0.02	45.04 -6.32 0.02	47.72 -6.42 0.72	60.27 -7.99 0.64	72.18 -8.65 0.02	69.58 -7.48 0.02	61.20 -6.73 0.02	52.60 -5.89 -0.19	44.74 -5.85 -0.18	39.39 -4.71 -0.11	37.42 -3.75 0.00
DUNKIRK___2 23564	40.30 -3.31 0.00	35.33 -2.74 0.00	33.78 -2.86 0.00	33.41 -2.67 0.00	33.29 -2.78 0.00	38.86 -3.89 0.00	54.05 -6.01 0.00	57.05 -7.34 0.00	50.18 -6.72 0.02	41.88 -5.23 0.02	39.93 -4.74 0.02	39.74 -4.91 0.02	40.29 -4.98 0.02	42.77 -5.56 0.02	45.04 -6.32 0.02	47.72 -6.42 0.72	60.27 -7.99 0.64	72.18 -8.65 0.02	69.58 -7.48 0.02	61.20 -6.73 0.02	52.60 -5.89 -0.19	44.74 -5.85 -0.18	39.39 -4.71 -0.11	37.42 -3.75 0.00
DUNKIRK___3 23565	40.30 -3.31 0.00	35.37 -2.70 0.00	33.78 -2.86 0.00	33.45 -2.63 0.00	33.29 -2.78 0.00	38.90 -3.85 0.00	54.05 -6.01 0.00	57.05 -7.34 0.00	50.18 -6.72 0.02	41.88 -5.23 0.02	39.98 -4.69 0.02	39.83 -4.82 0.02	40.38 -4.89 0.02	42.92 -5.42 0.02	45.19 -6.16 0.02	47.89 -6.25 0.71	60.55 -7.72 0.63	72.26 -8.57 0.02	69.50 -7.55 0.02	61.20 -6.73 0.02	52.60 -5.89 -0.19	44.79 -5.80 -0.18	39.39 -4.71 -0.11	37.42 -3.75 0.00
DUNKIRK___4 23566	40.30 -3.31 0.00	35.37 -2.70 0.00	33.78 -2.86 0.00	33.45 -2.63 0.00	33.29 -2.78 0.00	38.90 -3.85 0.00	54.05 -6.01 0.00	57.05 -7.34 0.00	50.18 -6.72 0.02	41.88 -5.23 0.02	39.98 -4.69 0.02	39.83 -4.82 0.02	40.38 -4.89 0.02	42.92 -5.42 0.02	45.19 -6.16 0.02	47.89 -6.25 0.71	60.55 -7.72 0.63	72.26 -8.57 0.02	69.50 -7.55 0.02	61.20 -6.73 0.02	52.60 -5.89 -0.19	44.79 -5.80 -0.18	39.39 -4.71 -0.11	37.42 -3.75 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	46.36 2.75 0.00	40.36 2.28 0.00	38.88 2.24 0.00	38.21 2.13 0.00	38.16 2.09 0.00	45.48 2.74 0.00	64.02 3.96 0.00	68.84 4.44 0.00	61.70 4.78 0.00	51.60 4.48 0.00	48.80 4.11 0.00	48.87 4.20 0.00	49.63 4.35 0.00	52.94 4.59 0.00	56.25 4.88 0.00	60.37 4.83 -0.69	76.79 6.13 -1.75	88.37 7.52 0.00	83.70 6.63 0.00	73.72 5.78 0.00	65.82 4.90 -2.62	57.32 4.33 -2.58	49.49 3.87 -1.63	44.45 3.29 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	46.23 2.62 0.00	40.24 2.17 0.00	38.77 2.13 0.00	38.10 2.02 0.00	38.09 2.02 0.00	45.31 2.56 0.00	63.84 3.78 0.00	68.58 4.19 0.00	61.18 4.27 0.00	51.04 3.91 0.00	48.17 3.49 0.00	48.29 3.62 0.00	49.04 3.76 0.00	52.41 4.06 0.00	55.69 4.32 0.00	59.87 4.33 -0.68	76.21 5.58 -1.72	87.88 7.03 0.00	83.24 6.17 0.00	73.31 5.37 0.00	65.48 4.61 -2.57	56.97 4.03 -2.53	49.15 3.56 -1.60	44.25 3.09 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	47.06 3.45 0.00	41.00 2.93 0.00	39.39 2.75 0.00	38.75 2.67 0.00	38.63 2.56 0.00	45.82 3.08 0.00	63.84 3.78 0.00	68.44 4.06 0.01	61.41 4.50 0.00	51.70 4.57 0.00	48.84 4.16 0.00	49.00 4.33 0.00	49.77 4.48 0.00	52.99 4.64 0.00	56.25 4.88 0.00	60.10 4.55 -0.69	76.37 5.72 -1.74	87.88 7.03 0.01	83.15 6.09 0.01	73.23 5.30 0.01	65.40 4.49 -2.61	57.12 4.13 -2.58	49.84 4.22 -1.63	44.95 3.79 0.00

E179THST_13_KV_LOAD 356214	47.23 3.62 0.00	41.12 3.05 0.00	39.54 2.89 0.00	38.86 2.78 0.00	38.74 2.67 0.00	45.95 3.21 0.00	64.08 4.02 0.00	68.70 4.31 0.01	61.64 4.72 0.00	51.89 4.76 0.00	49.07 4.38 0.00	49.18 4.51 0.00	49.95 4.66 0.00	53.18 4.83 0.00	56.46 5.09 0.00	60.37 4.83 -0.69	76.71 6.06 -1.74	88.28 7.44 0.01	83.54 6.47 0.01	73.57 5.64 0.01	65.69 4.78 -2.61	57.37 4.39 -2.58	50.06 4.44 -1.63	45.11 3.95 0.00
EAST HAMPTON___GT 23717	46.47 3.44 0.59	40.73 2.66 0.00	38.85 2.27 0.06	38.46 2.38 0.00	38.32 2.31 0.06	41.94 3.80 4.61	49.02 5.34 16.38	49.35 4.51 19.55	47.73 5.52 14.70	47.80 5.32 4.65	48.74 4.87 0.82	39.60 4.47 9.53	39.30 4.35 10.34	47.24 4.45 5.56	47.27 4.57 8.68	47.73 3.90 11.02	53.92 5.38 20.36	72.31 6.55 15.09	63.16 5.47 19.38	56.87 5.16 16.23	48.52 4.20 13.98	48.00 3.63 6.03	46.63 3.17 0.52	38.21 2.80 5.75
EAST RIVER___6 23660	46.49 2.88 0.00	40.51 2.44 0.00	38.92 2.27 0.00	38.36 2.27 0.00	38.20 2.13 0.00	45.57 2.82 0.00	64.20 4.14 0.00	69.09 4.70 0.00	62.04 5.12 0.00	51.94 4.81 0.00	49.11 4.42 0.00	49.27 4.60 0.00	50.04 4.75 0.00	53.47 5.12 0.00	56.71 5.34 0.00	60.76 5.21 -0.69	77.27 6.62 -1.75	88.93 8.08 0.00	84.08 7.01 0.00	74.12 6.18 0.00	66.05 5.13 -2.62	57.47 4.48 -2.58	49.71 4.09 -1.63	44.62 3.46 0.00
EAST RIVER___7 23524	46.49 2.88 0.00	40.51 2.44 0.00	38.92 2.27 0.00	38.36 2.27 0.00	38.20 2.13 0.00	45.57 2.82 0.00	64.20 4.14 0.00	69.09 4.70 0.00	62.04 5.12 0.00	51.94 4.81 0.00	49.11 4.42 0.00	49.27 4.60 0.00	50.04 4.75 0.00	53.47 5.12 0.00	56.71 5.34 0.00	60.76 5.21 -0.69	77.27 6.62 -1.75	88.93 8.08 0.00	84.08 7.01 0.00	74.12 6.18 0.00	66.05 5.13 -2.62	57.47 4.48 -2.58	49.71 4.09 -1.63	44.62 3.46 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	46.31 2.70 0.00	40.36 2.28 0.00	38.84 2.20 0.00	38.18 2.09 0.00	38.13 2.06 0.00	45.44 2.69 0.00	63.96 3.90 0.00	68.71 4.31 0.00	61.53 4.61 0.00	51.42 4.29 0.00	48.62 3.93 0.00	48.73 4.06 0.00	49.50 4.21 0.00	52.80 4.45 0.00	56.10 4.73 0.00	60.20 4.66 -0.68	76.57 5.93 -1.74	88.13 7.28 0.00	83.47 6.40 0.00	73.51 5.57 0.00	65.63 4.72 -2.61	57.16 4.18 -2.57	49.35 3.74 -1.63	44.37 3.21 0.00
EAST_HAMPTON___DIESEL 23722	46.47 3.44 0.59	40.73 2.66 0.00	38.85 2.27 0.06	38.46 2.38 0.00	38.32 2.31 0.06	41.94 3.80 4.61	49.02 5.34 16.38	49.35 4.51 19.55	47.73 5.52 14.70	47.80 5.32 4.65	48.70 4.83 0.82	39.56 4.42 9.53	39.25 4.30 10.34	47.15 4.35 5.56	47.16 4.47 8.68	47.62 3.78 11.02	53.72 5.17 20.36	72.15 6.39 15.09	63.00 5.31 19.38	56.66 4.96 16.23	48.40 4.08 13.98	47.90 3.53 6.03	46.54 3.08 0.52	38.13 2.72 5.75
EAST_POINT___SOLAR 323840	44.92 1.31 0.00	39.18 1.10 0.00	37.71 1.06 0.00	37.20 1.12 0.00	37.19 1.12 0.00	44.41 1.67 0.00	62.64 2.58 0.00	65.42 1.03 0.00	55.61 -1.31 0.00	45.24 -1.89 0.00	43.35 -1.34 0.00	43.46 -1.20 0.00	44.25 -1.04 0.00	48.06 -0.29 0.00	52.04 0.67 0.00	57.56 1.81 -0.90	74.36 3.17 -2.28	84.17 3.32 0.00	80.46 3.39 0.00	70.86 2.92 0.00	64.05 2.33 -3.42	55.84 2.07 -3.36	47.74 1.63 -2.13	42.40 1.23 0.00
EAST_PULASKI___ESR 323781	42.65 -0.96 0.00	37.24 -0.84 0.00	35.84 -0.81 0.00	35.26 -0.83 0.00	35.31 -0.76 0.00	41.85 -0.90 0.00	58.98 -1.08 0.00	63.30 -1.10 0.00	55.72 -1.20 0.00	46.09 -1.04 0.00	43.79 -0.89 0.00	43.82 -0.85 0.00	44.29 -1.00 0.00	47.28 -1.06 0.00	50.29 -1.08 0.00	53.87 -1.04 -0.06	67.81 -1.24 -0.14	79.47 -1.37 0.00	75.99 -1.08 0.00	66.66 -1.09 0.20	57.45 -0.99 -0.14	49.76 -0.86 -0.21	43.19 -0.93 -0.13	40.34 -0.82 0.00
EAST_RIVER___1 323558	46.66 3.05 0.00	40.66 2.59 0.00	39.10 2.46 0.00	38.50 2.42 0.00	38.38 2.31 0.00	45.78 3.04 0.00	64.38 4.33 0.00	69.23 4.83 0.00	62.15 5.23 0.00	51.98 4.86 0.00	49.15 4.47 0.00	49.31 4.65 0.00	50.08 4.80 0.00	53.47 5.12 0.00	56.76 5.39 0.00	60.76 5.21 -0.69	77.27 6.62 -1.75	89.01 8.16 0.00	84.16 7.09 0.00	74.26 6.32 0.00	66.17 5.25 -2.62	57.62 4.63 -2.58	49.84 4.22 -1.63	44.74 3.58 0.00
EAST_RIVER___2 323559	46.49 2.88 0.00	40.51 2.44 0.00	38.92 2.27 0.00	38.36 2.27 0.00	38.20 2.13 0.00	45.57 2.82 0.00	64.20 4.14 0.00	69.09 4.70 0.00	62.04 5.12 0.00	51.94 4.81 0.00	49.11 4.42 0.00	49.27 4.60 0.00	50.04 4.75 0.00	53.47 5.12 0.00	56.71 5.34 0.00	60.76 5.21 -0.69	77.27 6.62 -1.75	88.93 8.08 0.00	84.08 7.01 0.00	74.12 6.18 0.00	66.05 5.13 -2.62	57.47 4.48 -2.58	49.71 4.09 -1.63	44.62 3.46 0.00
EAST___DELAWARE_HYD 23607	46.32 2.70 0.00	40.36 2.28 0.00	38.88 2.24 0.00	38.25 2.16 0.00	38.20 2.13 0.00	45.40 2.65 0.00	64.20 4.14 0.00	68.97 4.57 0.00	61.30 4.38 0.00	50.90 3.77 0.00	47.99 3.31 0.00	48.11 3.44 0.00	48.95 3.67 0.00	52.36 4.01 0.00	55.63 4.26 0.00	59.88 4.39 -0.63	76.43 5.93 -1.60	88.28 7.43 0.00	83.70 6.63 0.00	73.79 5.84 0.00	65.65 4.95 -2.39	57.04 4.28 -2.35	49.17 3.70 -1.49	44.33 3.17 0.00
EIGHT_POINT___WT_PWR 323820	41.04 -2.57 0.00	35.86 -2.21 0.00	34.34 -2.31 0.00	33.63 -2.45 0.00	33.76 -2.31 0.00	39.63 -3.12 0.00	55.85 -4.21 0.00	59.95 -4.44 0.00	51.62 -5.24 0.06	42.45 -4.62 0.06	39.89 -4.74 0.06	39.83 -4.78 0.06	40.47 -4.75 0.06	43.36 -4.93 0.06	45.92 -5.39 0.06	46.39 -5.54 2.93	59.50 -6.96 2.45	72.96 -7.84 0.05	69.93 -7.09 0.05	61.50 -6.39 0.05	52.69 -5.48 0.13	45.09 -5.19 0.13	39.40 -4.49 0.10	37.42 -3.75 0.00
ELBRIDGE_115KV_TB2 80188	42.65 -0.96 0.00	37.31 -0.76 0.00	35.87 -0.77 0.00	35.36 -0.72 0.00	35.39 -0.69 0.00	41.81 -0.94 0.00	58.97 -1.08 0.00	63.24 -1.16 0.00	55.89 -1.02 0.00	46.28 -0.85 0.00	43.84 -0.85 0.00	43.87 -0.80 0.00	44.52 -0.77 0.00	47.58 -0.77 0.00	50.45 -0.92 0.00	54.08 -0.99 -0.21	68.07 -1.17 -0.34	79.64 -1.21 0.00	76.07 -1.00 0.00	66.99 -0.95 0.00	57.65 -0.99 -0.34	49.78 -0.96 -0.33	43.27 -0.92 -0.21	40.38 -0.78 0.00
ELEC_TRO_TEK 24086	47.26 3.53 -0.12	40.83 2.74 -0.02	39.09 2.42 -0.03	38.49 2.38 -0.02	38.45 2.34 -0.03	67.53 3.68 -21.11	68.95 5.04 -3.85	72.22 4.44 -3.38	66.65 5.52 -4.22	67.69 5.33 -15.24	69.46 5.00 -19.77	66.03 5.14 -16.22	74.81 5.30 -24.23	71.08 5.61 -17.12	67.75 5.91 -10.47	96.17 5.92 -35.38	90.41 7.30 -14.21	94.36 8.81 -4.70	88.10 7.71 -3.32	86.76 7.00 -11.82	70.86 5.95 -6.61	65.53 5.29 -9.84	60.07 4.57 -11.51	71.63 4.12 -26.35
ELLENBURG_WT_PWR 323604	43.87 0.26 0.00	38.19 0.11 0.00	36.57 -0.07 0.00	35.94 -0.14 0.00	35.86 -0.22 0.00	42.70 -0.04 0.00	59.21 -0.84 0.00	63.43 -0.96 0.00	55.89 -1.02 0.00	46.28 -0.85 0.00	43.97 -0.72 0.00	43.87 -0.80 0.00	44.33 -0.95 0.00	47.19 -1.16 0.00	50.14 -1.23 0.00	53.43 -1.43 0.00	66.90 -2.00 0.00	78.34 -2.51 0.00	74.22 -2.85 0.00	51.11 -2.44 14.39	50.99 -1.92 5.39	49.10 -1.31 0.00	43.06 -0.93 0.00	40.17 -0.99 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	40.17 -3.45 0.00	35.26 -2.82 0.00	33.67 -2.97 0.00	33.34 -2.74 0.00	33.19 -2.89 0.00	38.69 -4.06 0.00	53.63 -6.43 0.00	56.60 -7.79 0.00	49.56 -7.34 0.01	41.51 -5.61 0.01	39.67 -5.00 0.01	39.56 -5.09 0.01	40.11 -5.16 0.01	42.58 -5.75 0.01	44.73 -6.63 0.01	47.37 -6.86 0.63	59.88 -8.48 0.55	71.38 -9.46 0.01	68.96 -8.09 0.01	60.66 -7.27 0.01	51.78 -6.70 -0.19	44.24 -6.35 -0.19	38.99 -5.10 -0.11	37.17 -3.99 0.00
EMPIRE_CC_1 323656	44.83 1.22 0.00	39.10 1.03 0.00	37.78 1.14 0.00	37.27 1.19 0.00	37.23 1.15 0.00	43.90 1.15 0.00	61.68 1.62 0.00	66.07 1.67 0.00	58.68 1.77 0.00	48.50 1.37 0.00	45.89 1.21 0.00	45.83 1.16 0.00	46.42 1.13 0.00	49.65 1.31 0.00	52.86 1.49 0.00	57.44 1.81 -0.77	72.88 2.00 -1.97	83.20 2.35 0.00	79.46 2.39 0.00	70.18 2.24 0.00	63.12 1.87 -2.95	54.92 1.61 -2.91	47.19 1.36 -1.84	42.48 1.32 0.00
EMPIRE_CC_2 323658	44.83 1.22 0.00	39.10 1.03 0.00	37.78 1.14 0.00	37.27 1.19 0.00	37.23 1.15 0.00	43.90 1.15 0.00	61.68 1.62 0.00	66.07 1.67 0.00	58.68 1.77 0.00	48.50 1.37 0.00	45.89 1.21 0.00	45.83 1.16 0.00	46.42 1.13 0.00	49.65 1.31 0.00	52.86 1.49 0.00	57.44 1.81 -0.77	72.88 2.00 -1.97	83.20 2.35 0.00	79.46 2.39 0.00	70.18 2.24 0.00	63.12 1.87 -2.95	54.92 1.61 -2.91	47.19 1.36 -1.84	42.48 1.32 0.00
ENORWICH_115KV_TB1 80156	45.18 1.57 0.00	39.41 1.33 0.00	37.85 1.21 0.00	37.09 1.01 0.00	37.19 1.12 0.00	44.50 1.75 0.00	63.12 3.06 0.00	67.55 3.16 0.00	59.10 2.16 -0.02	48.51 1.37 -0.02	45.69 0.98 -0.02	45.89 1.21 -0.02	46.84 1.54 -0.02	49.96 1.60 -0.02	53.50 2.11 -0.02	58.73 2.69 -1.18	74.64 4.07 -1.67	85.72 4.85 -0.02	81.48 4.39 -0.02	71.63 3.67 -0.02	62.74 3.21 -1.24	53.99 2.37 -1.22	46.39 1.63 -0.78	42.64 1.48 0.00
ERIE_ST__34_KV_TB1-2 80199	40.34 -3.27 0.00	35.33 -2.74 0.00	33.75 -2.89 0.00	33.41 -2.67 0.00	33.29 -2.78 0.00	38.86 -3.89 0.00	54.05 -6.01 0.00	56.99 -7.41 0.00	50.70 -6.20 0.02	42.12 -5.00 0.02	40.29 -4.38 0.02	40.23 -4.42 0.02	40.97 -4.30 0.02	43.69 -4.64 0.02	46.17 -5.19 0.02	49.28 -4.88 0.70	62.22 -6.06 0.62	73.48 -7.36 0.01	69.73 -7.32 0.01	61.40 -6.52 0.01	53.65 -4.84 -0.19	45.50 -5.09 -0.18	39.87 -4.22 -0.11	37.46 -3.70 0.00
ERIE_WT_PWR 323693	40.29 -3.32 0.00	35.26 -2.82 0.00	33.75 -2.90 0.00	33.02 -3.07 0.00	33.19 -2.89 0.00	38.81 -3.93 0.00	53.75 -6.30 0.00	56.67 -7.73 0.00	49.84 -7.06 0.01	41.70 -5.42 0.01	39.93 -4.74 0.01	39.74 -4.91 0.01	40.24 -5.03 0.01	42.73 -5.61 0.01	45.24 -6.11 0.01	47.93 -6.26 0.67	60.28 -7.86 0.77	71.94 -8.89 0.02	69.12 -7.94 0.02	60.72 -7.20 0.02	52.15 -6.30 -0.14	44.60 -5.95 -0.14	39.23 -4.84 -0.08	37.33 -3.83 0.00
ESPRGFLD_115KV_TB1 80157	44.00 0.39 0.00	38.38 0.30 0.00	36.97 0.33 0.00	36.37 0.29 0.00	36.40 0.32 0.00	43.43 0.68 0.00	61.20 1.14 0.00	65.04 0.64 0.00	56.74 -0.17 0.00	46.66 -0.47 0.00	44.33 -0.36 0.00	44.45 -0.22 0.00	45.20 -0.09 0.00	48.49 0.15 0.00	51.94 0.57 0.00	55.97 1.04 -0.07	70.94 1.86 -0.18	82.63 1.78 0.00	78.69 1.62 0.00	69.37 1.43 0.00	59.73 1.17 -0.26	51.73 1.06 -0.26	44.90 0.75 -0.17	41.66 0.49 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	43.79 0.17 0.00	38.23 0.15 0.00	36.79 0.15 0.00	36.23 0.14 0.00	36.25 0.18 0.00	42.96 0.21 0.00	60.72 0.66 0.00	64.91 0.52 0.00	57.19 0.23 -0.04	47.22 0.05 -0.04	44.64 -0.09 -0.04	44.67 -0.04 -0.04	45.37 0.05 -0.04	48.49 0.10 -0.04	51.52 0.10 -0.04	57.52 0.22 -2.44	72.50 0.69 -2.91	81.94 1.05 -0.04	78.19 1.08 -0.04	68.87 0.88 -0.04	60.25 0.70 -1.25	52.04 0.40 -1.23	44.95 0.18 -0.79	41.41 0.25 0.00
ETNA____115KV_TB2 80207	43.79 0.17 0.00	38.23 0.15 0.00	36.79 0.15 0.00	36.23 0.14 0.00	36.25 0.18 0.00	42.96 0.21 0.00	60.72 0.66 0.00	64.91 0.52 0.00	57.19 0.23 -0.04	47.22 0.05 -0.04	44.64 -0.09 -0.04	44.67 -0.04 -0.04	45.37 0.05 -0.04	48.49 0.10 -0.04	51.52 0.10 -0.04	57.52 0.22 -2.44	72.50 0.69 -2.91	81.94 1.05 -0.04	78.19 1.08 -0.04	68.87 0.88 -0.04	60.25 0.70 -1.25	52.04 0.40 -1.23	44.95 0.18 -0.79	41.41 0.25 0.00
EUCLID___115KV_TB2 356179	42.43 -1.18 0.00	37.12 -0.95 0.00	35.73 -0.92 0.00	35.22 -0.87 0.00	35.21 -0.87 0.00	41.59 -1.15 0.00	58.61 -1.44 0.00	62.85 -1.55 0.00	55.49 -1.42 0.00	46.00 -1.13 0.00	43.61 -1.07 0.00	43.64 -1.03 0.00	44.24 -1.04 0.00	47.24 -1.11 0.00	50.09 -1.28 0.00	53.55 -1.37 -0.06	67.34 -1.72 -0.16	78.99 -1.86 0.00	75.53 -1.54 0.00	66.51 -1.43 0.00	57.14 -1.40 -0.24	49.33 -1.31 -0.23	42.94 -1.19 -0.15	40.17 -0.99 0.00
E_CANADA_CAP_HY 24051	43.96 0.35 0.00	38.38 0.30 0.00	36.93 0.29 0.00	36.41 0.32 0.00	36.40 0.32 0.00	43.43 0.68 0.00	61.01 0.96 0.00	64.46 0.06 0.00	55.66 -1.25 0.00	45.48 -1.65 0.00	43.39 -1.30 0.00	43.42 -1.25 0.00	44.11 -1.18 0.00	47.62 -0.72 0.00	51.27 -0.10 0.00	56.45 0.66 -0.93	72.87 1.59 -2.38	82.14 1.29 0.00	78.46 1.39 0.00	69.10 1.15 0.00	62.73 0.88 -3.56	54.86 0.96 -3.50	46.86 0.66 -2.22	41.53 0.37 0.00
E_CANADA_MHWK_HY 24050	46.40 2.79 0.00	40.51 2.44 0.00	38.95 2.31 0.00	38.32 2.24 0.00	38.31 2.24 0.00	45.44 2.69 0.00	63.84 3.79 0.00	68.26 3.86 0.00	60.21 3.30 0.00	49.86 2.73 0.00	47.23 2.55 0.00	47.26 2.59 0.00	47.82 2.53 0.00	50.96 2.61 0.00	54.14 2.77 0.00	57.82 2.96 0.00	72.48 3.58 0.00	84.97 4.12 0.00	81.00 3.93 0.00	71.34 3.40 0.00	61.04 2.74 0.00	52.93 2.52 0.00	46.09 2.11 0.00	43.18 2.02 0.00
E_FISHKILL___LBMP 23776	46.05 2.44 0.00	40.09 2.02 0.00	38.62 1.98 0.00	37.96 1.88 0.00	37.91 1.84 0.00	45.14 2.39 0.00	63.48 3.42 0.00	68.19 3.80 0.00	61.01 4.10 0.00	50.95 3.82 0.00	48.17 3.49 0.00	48.24 3.57 0.00	49.00 3.71 0.00	52.31 3.96 0.00	55.58 4.21 0.00	59.66 4.11 -0.69	75.91 5.24 -1.77	87.32 6.47 0.00	82.77 5.70 0.00	72.90 4.96 0.00	65.14 4.20 -2.64	56.74 3.73 -2.60	49.02 3.39 -1.65	44.04 2.88 0.00
FALCON___SEABRD_CC1 323796	44.31 0.70 0.00	38.61 0.53 0.00	36.90 0.26 0.00	36.30 0.22 0.00	36.22 0.14 0.00	43.17 0.43 0.00	59.03 -1.02 0.00	63.04 -1.36 0.00	55.55 -1.37 0.00	46.19 -0.94 0.00	43.88 -0.80 0.00	43.73 -0.94 0.00	44.20 -1.09 0.00	47.05 -1.30 0.00	49.99 -1.38 0.00	52.99 -1.87 0.00	66.36 -2.55 0.00	77.61 -3.24 0.00	73.37 -3.70 0.00	50.57 -3.12 14.25	50.57 -2.39 5.34	48.84 -1.56 0.00	43.15 -0.84 0.00	40.26 -0.91 0.00
FALCON___SEABRD_CC2 323797	44.31 0.70 0.00	38.61 0.53 0.00	36.90 0.26 0.00	36.30 0.22 0.00	36.22 0.14 0.00	43.17 0.43 0.00	59.03 -1.02 0.00	63.04 -1.36 0.00	55.55 -1.37 0.00	46.19 -0.94 0.00	43.88 -0.80 0.00	43.73 -0.94 0.00	44.20 -1.09 0.00	47.05 -1.30 0.00	49.99 -1.38 0.00	52.99 -1.87 0.00	66.36 -2.55 0.00	77.61 -3.24 0.00	73.37 -3.70 0.00	50.57 -3.12 14.25	50.57 -2.39 5.34	48.84 -1.56 0.00	43.15 -0.84 0.00	40.26 -0.91 0.00

FAR ROCKAWAY___4 23548	48.31 4.14 -0.56	41.36 3.24 -0.05	39.60 2.86 -0.10	38.95 2.81 -0.05	38.95 2.78 -0.10	104.48 4.23 -57.50	82.80 5.89 -16.86	86.58 5.22 -16.97	79.70 6.26 -16.52	95.16 5.99 -42.05	95.71 5.68 -45.35	88.19 5.81 -37.72	113.78 5.98 -62.52	96.25 6.33 -41.57	89.20 6.68 -31.15	146.78 6.80 -85.12	119.12 8.41 -41.81	108.67 10.11 -17.72	102.87 8.94 -16.86	111.56 8.09 -35.53	84.69 6.88 -19.51	81.68 6.05 -25.22	77.75 5.23 -28.53	117.63 4.69 -71.77
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	46.66 3.05 0.00	40.62 2.55 0.00	39.10 2.46 0.00	38.43 2.35 0.00	38.38 2.31 0.00	45.74 2.99 0.00	64.38 4.32 0.00	69.16 4.77 0.00	62.15 5.24 0.00	52.08 4.95 0.00	49.20 4.51 0.00	49.31 4.65 0.00	50.09 4.80 0.00	53.38 5.03 0.00	56.71 5.34 0.00	60.76 5.21 -0.69	77.27 6.61 -1.75	89.02 8.17 0.00	84.16 7.09 0.00	74.12 6.18 0.00	66.17 5.25 -2.62	57.62 4.64 -2.58	49.84 4.22 -1.63	44.78 3.62 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	46.66 3.05 0.00	40.66 2.59 0.00	39.10 2.46 0.00	38.43 2.35 0.00	38.38 2.31 0.00	45.74 2.99 0.00	64.38 4.32 0.00	69.22 4.83 0.00	62.15 5.24 0.00	52.08 4.95 0.00	49.20 4.51 0.00	49.31 4.65 0.00	50.09 4.80 0.00	53.38 5.03 0.00	56.71 5.34 0.00	60.76 5.21 -0.69	77.27 6.61 -1.75	89.02 8.17 0.00	84.16 7.09 0.00	74.12 6.18 0.00	66.23 5.31 -2.62	57.62 4.64 -2.58	49.84 4.22 -1.63	44.78 3.62 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	46.66 3.05 0.00	40.62 2.55 0.00	39.06 2.42 0.00	38.43 2.35 0.00	38.35 2.27 0.00	45.74 2.99 0.00	64.32 4.26 0.00	69.16 4.77 0.00	62.09 5.18 0.00	52.03 4.90 0.00	49.15 4.47 0.00	49.27 4.60 0.00	50.04 4.76 0.00	53.33 4.98 0.00	56.66 5.29 0.00	60.76 5.21 -0.69	77.20 6.55 -1.75	88.93 8.08 0.00	84.08 7.01 0.00	74.06 6.11 0.00	66.11 5.19 -2.62	57.57 4.59 -2.58	49.80 4.18 -1.63	44.74 3.58 0.00
FARRAGUT___LBMP 323566	46.62 3.01 0.00	40.59 2.51 0.00	39.06 2.42 0.00	38.39 2.31 0.00	38.35 2.27 0.00	45.70 2.95 0.00	64.32 4.26 0.00	69.10 4.70 0.00	62.04 5.12 0.00	51.98 4.85 0.00	49.11 4.42 0.00	49.27 4.60 0.00	50.00 4.71 0.00	53.33 4.98 0.00	56.61 5.24 0.00	60.70 5.16 -0.69	77.13 6.48 -1.75	88.85 8.00 0.00	84.08 7.01 0.00	74.06 6.11 0.00	66.11 5.19 -2.62	57.57 4.59 -2.58	49.80 4.18 -1.63	44.74 3.58 0.00
FENNER___WINDPWR 24204	44.00 0.39 0.00	38.42 0.34 0.00	37.01 0.37 0.00	36.37 0.29 0.00	36.43 0.36 0.00	43.30 0.55 0.00	61.08 1.02 0.00	65.42 1.03 0.00	57.66 0.74 -0.01	47.61 0.47 -0.01	45.10 0.40 -0.01	45.17 0.49 -0.01	45.84 0.55 -0.01	48.94 0.58 -0.01	52.10 0.72 -0.01	56.27 0.88 -0.54	70.96 1.31 -0.75	82.39 1.53 -0.01	78.47 1.39 -0.01	69.10 1.15 -0.01	59.77 0.99 -0.48	51.63 0.76 -0.47	44.77 0.48 -0.30	41.66 0.50 0.00
FIBERTEK___ENERGY 23856	42.87 -0.74 0.00	37.50 -0.57 0.00	36.09 -0.55 0.00	35.54 -0.54 0.00	35.57 -0.51 0.00	42.06 -0.68 0.00	59.34 -0.72 0.00	63.62 -0.77 0.00	56.29 -0.63 0.00	46.61 -0.52 0.00	44.15 -0.54 0.00	44.22 -0.45 0.00	44.83 -0.45 0.00	47.91 -0.44 0.00	50.81 -0.57 0.00	54.33 -0.60 -0.08	68.41 -0.69 -0.19	80.20 -0.65 0.00	76.53 -0.54 0.00	67.40 -0.54 0.00	57.95 -0.64 -0.29	50.04 -0.66 -0.28	43.50 -0.66 -0.18	40.63 -0.54 0.00
FITZPATRICK___ 23598	41.91 -1.70 0.00	36.63 -1.45 0.00	35.29 -1.36 0.00	34.71 -1.37 0.00	34.78 -1.30 0.00	41.08 -1.67 0.00	57.77 -2.28 0.00	62.01 -2.38 0.00	54.75 -2.16 0.00	45.34 -1.79 0.00	43.03 -1.65 0.00	43.02 -1.65 0.00	43.61 -1.67 0.00	46.56 -1.79 0.00	49.37 -2.00 0.00	52.76 -2.14 -0.05	66.34 -2.69 -0.12	77.78 -3.07 0.00	74.37 -2.70 0.00	65.50 -2.44 0.00	56.27 -2.22 -0.18	48.62 -1.97 -0.18	42.34 -1.76 -0.11	39.60 -1.56 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	46.40 2.79 0.00	40.40 2.32 0.00	38.95 2.31 0.00	38.29 2.20 0.00	38.24 2.16 0.00	45.48 2.74 0.00	64.20 4.14 0.00	68.84 4.44 0.00	61.41 4.50 0.00	51.18 4.05 0.00	48.31 3.62 0.00	48.38 3.71 0.00	49.23 3.94 0.00	52.55 4.21 0.00	55.89 4.52 0.00	60.15 4.61 -0.69	76.65 5.99 -1.75	88.37 7.52 0.00	83.70 6.63 0.00	73.65 5.71 0.00	65.82 4.90 -2.62	57.27 4.28 -2.58	49.40 3.78 -1.64	44.41 3.25 0.00
FORT ORANGE___ 23900	45.14 1.53 0.00	39.37 1.30 0.00	37.96 1.32 0.00	37.45 1.37 0.00	37.41 1.34 0.00	44.20 1.45 0.00	62.28 2.22 0.00	66.71 2.31 0.00	59.02 2.11 0.00	48.73 1.60 0.00	46.12 1.43 0.00	46.05 1.39 0.00	46.64 1.36 0.00	49.99 1.64 0.00	53.22 1.85 0.00	57.78 2.14 -0.79	73.67 2.76 -2.00	84.17 3.32 0.00	80.31 3.24 0.00	70.86 2.92 0.00	63.75 2.45 -3.00	55.38 2.02 -2.95	47.61 1.76 -1.87	42.73 1.56 0.00
FORT_DRUM_COGEN 23780	43.52 -0.09 0.00	38.00 -0.08 0.00	36.50 -0.15 0.00	35.80 -0.29 0.00	35.86 -0.22 0.00	42.87 0.13 0.00	60.60 0.54 0.00	64.97 0.58 0.00	56.69 -0.23 0.00	46.52 -0.61 0.00	44.55 -0.13 0.00	44.62 -0.04 0.00	44.92 -0.36 0.00	47.82 -0.53 0.00	51.11 -0.26 0.00	54.95 0.05 -0.04	69.35 0.34 -0.10	81.25 0.40 0.00	77.53 0.46 0.00	67.79 0.48 0.63	58.62 0.41 0.09	51.11 0.55 -0.14	44.16 0.09 -0.09	41.16 0.00 0.00
FOX_HILLS___ESR 323835	47.32 3.71 0.00	41.16 3.08 0.00	39.57 2.93 0.00	38.90 2.81 0.00	38.78 2.71 0.00	46.04 3.29 0.00	63.72 3.66 0.00	68.25 3.86 0.01	61.06 4.15 0.01	51.84 4.71 0.00	48.98 4.29 0.00	49.14 4.47 0.00	49.90 4.62 0.00	53.04 4.69 0.00	56.15 4.78 0.00	59.88 4.33 -0.69	76.16 5.51 -1.74	87.71 6.87 0.01	83.31 6.24 0.01	73.37 5.44 0.01	65.29 4.37 -2.61	57.17 4.18 -2.58	50.15 4.53 -1.63	45.15 3.99 0.00
FPL_FAR_ROCK_GT1 24212	48.27 4.10 -0.56	41.40 3.27 -0.05	39.61 2.86 -0.10	39.06 2.92 -0.05	38.99 2.82 -0.10	104.48 4.23 -57.50	82.81 5.89 -16.86	86.58 5.21 -16.97	79.70 6.26 -16.52	95.26 6.08 -42.05	95.71 5.68 -45.35	88.19 5.80 -37.72	113.83 6.02 -62.52	96.35 6.43 -41.57	89.25 6.73 -31.15	146.23 6.25 -85.12	119.05 8.33 -41.81	108.67 10.11 -17.72	102.86 8.94 -16.86	111.69 8.22 -35.53	84.69 6.88 -19.51	81.73 6.10 -25.22	77.97 5.45 -28.53	117.58 4.65 -71.77
FPL_FAR_ROCK_GT2 23815	48.27 4.10 -0.56	41.40 3.27 -0.05	39.61 2.86 -0.10	39.06 2.92 -0.05	38.99 2.82 -0.10	104.48 4.23 -57.50	82.81 5.89 -16.86	86.58 5.21 -16.97	79.70 6.26 -16.52	95.26 6.08 -42.05	95.71 5.68 -45.35	88.19 5.80 -37.72	113.83 6.02 -62.52	96.35 6.43 -41.57	89.25 6.73 -31.15	146.23 6.25 -85.12	119.05 8.33 -41.81	108.67 10.11 -17.72	102.86 8.94 -16.86	111.69 8.22 -35.53	84.69 6.88 -19.51	81.73 6.10 -25.22	77.97 5.45 -28.53	117.58 4.65 -71.77
FRANKLIN_FALL_HYD 24054	44.35 0.74 0.00	38.68 0.61 0.00	36.97 0.33 0.00	36.37 0.29 0.00	36.29 0.22 0.00	43.39 0.64 0.00	60.36 0.30 0.00	64.78 0.39 0.00	56.97 0.06 0.00	46.94 -0.19 0.00	45.27 0.58 0.00	45.12 0.45 0.00	45.10 -0.18 0.00	47.96 -0.39 0.00	50.96 -0.41 0.00	54.36 -0.49 0.00	68.08 -0.83 0.00	79.64 -1.21 0.00	75.30 -1.77 0.00	56.10 -1.36 10.48	53.44 -0.93 3.93	50.00 -0.40 0.00	43.81 -0.18 0.00	40.87 -0.29 0.00

FREEPORT_EQUS_GT1 23764	47.14 3.62 0.09	40.98 2.89 -0.02	39.14 2.49 -0.01	38.66 2.56 -0.02	38.53 2.45 -0.01	64.80 3.76 -18.29	63.39 5.22 1.89	65.45 4.51 3.45	61.46 5.64 1.09	65.35 5.46 -12.76	66.81 5.09 -17.03	63.51 5.22 -13.62	72.05 5.43 -21.33	67.27 5.75 -13.17	64.36 6.06 -6.93	87.69 5.60 -27.23	81.06 7.51 -4.65	89.30 9.13 0.69	81.62 8.02 3.46	79.74 7.34 -4.45	65.20 6.18 -0.72	62.35 5.45 -6.50	59.10 4.93 -10.19	68.19 4.20 -22.83
FREEPORT___CT2 23818	47.14 3.62 0.09	40.98 2.89 -0.02	39.14 2.49 -0.01	38.66 2.56 -0.02	38.53 2.45 -0.01	64.80 3.76 -18.29	63.39 5.22 1.89	65.45 4.51 3.45	61.46 5.64 1.09	65.35 5.46 -12.76	66.81 5.09 -17.03	63.51 5.22 -13.62	72.05 5.43 -21.33	67.27 5.75 -13.17	64.36 6.06 -6.93	87.69 5.60 -27.23	81.06 7.51 -4.65	89.30 9.13 0.69	81.62 8.02 3.46	79.74 7.34 -4.45	65.20 6.18 -0.72	62.35 5.45 -6.50	59.10 4.93 -10.19	68.19 4.20 -22.83
FRESHKLS_33_KV_LOAD 356253	47.62 4.01 0.00	41.46 3.39 0.00	39.83 3.19 0.00	39.15 3.07 0.00	39.03 2.96 0.00	46.29 3.55 0.00	63.78 3.72 0.00	68.25 3.86 0.01	60.94 4.04 0.01	51.98 4.85 0.00	49.07 4.38 0.00	49.22 4.56 0.00	50.04 4.76 0.00	53.09 4.74 0.00	56.15 4.78 0.00	59.82 4.28 -0.69	76.16 5.51 -1.74	87.71 6.87 0.01	83.38 6.32 0.01	73.44 5.50 0.01	65.23 4.31 -2.61	57.22 4.23 -2.58	50.37 4.75 -1.63	45.44 4.28 0.00
FULTON COGEN____ 23766	42.26 -1.35 0.00	36.93 -1.14 0.00	35.54 -1.10 0.00	35.04 -1.05 0.00	35.06 -1.01 0.00	41.42 -1.33 0.00	58.43 -1.62 0.00	62.66 -1.74 0.00	55.32 -1.59 0.00	45.86 -1.27 0.00	43.43 -1.25 0.00	43.51 -1.16 0.00	44.06 -1.22 0.00	47.09 -1.26 0.00	49.93 -1.44 0.00	53.44 -1.48 -0.06	67.20 -1.86 -0.15	78.83 -2.02 0.00	75.30 -1.77 0.00	66.31 -1.63 0.00	56.95 -1.57 -0.23	49.17 -1.46 -0.22	42.76 -1.36 -0.14	40.01 -1.15 0.00
FULTON___LFGE 323630	44.92 1.31 0.00	39.18 1.10 0.00	37.71 1.06 0.00	37.20 1.12 0.00	37.19 1.12 0.00	44.28 1.54 0.00	62.46 2.40 0.00	66.07 1.67 0.00	56.97 0.06 0.00	46.37 -0.76 0.00	44.06 -0.63 0.00	43.95 -0.72 0.00	44.70 -0.59 0.00	48.30 -0.05 0.00	52.09 0.72 0.00	57.39 1.64 -0.89	74.06 2.89 -2.26	83.92 3.07 0.00	80.23 3.16 0.00	70.66 2.72 0.00	63.90 2.21 -3.39	55.65 1.91 -3.33	47.63 1.54 -2.11	42.40 1.23 0.00
G.F.CEMENT___DRP 24184	45.57 1.96 0.00	39.75 1.68 0.00	38.25 1.61 0.00	37.74 1.66 0.00	37.73 1.66 0.00	44.84 2.09 0.00	63.06 3.00 0.00	67.49 3.09 0.00	59.19 2.28 0.00	48.35 1.23 0.00	46.03 1.34 0.00	45.74 1.07 0.00	46.19 0.91 0.00	49.80 1.45 0.00	53.22 1.85 0.00	58.03 2.36 -0.81	74.36 3.38 -2.08	84.73 3.88 0.00	81.08 4.01 0.00	71.34 3.40 0.00	64.38 2.97 -3.11	55.83 2.37 -3.06	47.99 2.07 -1.94	43.01 1.85 0.00
GARDENVILLE___LBMP 24039	40.21 -3.40 0.00	35.26 -2.82 0.00	33.67 -2.97 0.00	33.31 -2.78 0.00	33.15 -2.92 0.00	38.64 -4.10 0.00	53.63 -6.43 0.00	56.67 -7.73 0.00	49.73 -7.17 0.01	41.60 -5.51 0.01	39.80 -4.87 0.01	39.65 -5.00 0.01	40.29 -4.98 0.01	42.77 -5.56 0.01	44.99 -6.37 0.01	47.75 -6.47 0.63	60.15 -8.20 0.55	71.46 -9.38 0.01	68.81 -8.25 0.01	60.52 -7.41 0.01	51.99 -6.53 -0.22	44.37 -6.25 -0.22	39.06 -5.06 -0.13	37.13 -4.03 0.00
GARDNVLA_35_KV_LD 355827	40.38 -3.23 0.00	35.41 -2.67 0.00	33.82 -2.82 0.00	33.49 -2.60 0.00	33.33 -2.74 0.00	38.86 -3.89 0.00	53.99 -6.07 0.00	56.86 -7.53 0.00	50.01 -6.89 0.01	41.83 -5.28 0.01	40.02 -4.65 0.01	39.92 -4.73 0.01	40.52 -4.76 0.01	43.06 -5.27 0.01	45.30 -6.06 0.01	48.04 -6.14 0.68	60.73 -7.58 0.60	72.27 -8.57 0.01	69.58 -7.48 0.01	61.20 -6.73 0.01	52.54 -5.95 -0.19	44.79 -5.80 -0.18	39.48 -4.62 -0.11	37.46 -3.70 0.00
GELCKHM___115KV_LOAD 80723	42.61 -1.00 0.00	37.27 -0.80 0.00	35.84 -0.81 0.00	35.33 -0.76 0.00	35.35 -0.72 0.00	41.76 -0.98 0.00	58.91 -1.14 0.00	63.17 -1.22 0.00	55.78 -1.14 0.00	46.23 -0.90 0.00	43.79 -0.89 0.00	43.86 -0.80 0.00	44.47 -0.82 0.00	47.53 -0.82 0.00	50.40 -0.98 0.00	53.88 -1.04 -0.07	67.76 -1.31 -0.17	79.48 -1.37 0.00	75.91 -1.16 0.00	66.85 -1.09 0.00	57.45 -1.11 -0.26	49.60 -1.06 -0.25	43.13 -1.01 -0.16	40.34 -0.82 0.00
GENERAL___MILLS 23808	40.30 -3.31 0.00	35.33 -2.74 0.00	33.75 -2.89 0.00	33.41 -2.67 0.00	33.26 -2.81 0.00	38.77 -3.98 0.00	53.81 -6.25 0.00	56.73 -7.66 0.00	49.90 -7.00 0.01	41.74 -5.37 0.01	39.89 -4.78 0.01	39.79 -4.87 0.01	40.38 -4.89 0.01	42.92 -5.42 0.01	45.19 -6.16 0.01	47.93 -6.25 0.67	60.53 -7.79 0.59	71.94 -8.89 0.01	69.27 -7.78 0.01	60.93 -7.00 0.01	52.37 -6.12 -0.19	44.65 -5.95 -0.19	39.30 -4.79 -0.11	37.33 -3.83 0.00
GE_PLASTICS___DRP 24183	44.88 1.26 0.00	39.14 1.07 0.00	37.74 1.10 0.00	37.17 1.08 0.00	37.19 1.12 0.00	43.99 1.24 0.00	61.86 1.80 0.00	66.33 1.93 0.00	58.79 1.88 0.00	48.59 1.46 0.00	46.07 1.39 0.00	46.01 1.34 0.00	46.60 1.31 0.00	49.85 1.50 0.00	53.07 1.70 0.00	57.56 1.92 -0.78	73.25 2.34 -2.00	83.60 2.75 0.00	79.77 2.70 0.00	70.25 2.31 0.00	63.33 2.04 -2.99	55.06 1.71 -2.94	47.34 1.50 -1.86	42.52 1.36 0.00
GILBOA___1 23756	44.88 1.27 0.00	39.14 1.06 0.00	37.85 1.21 0.00	37.27 1.19 0.00	37.23 1.15 0.00	43.99 1.24 0.00	61.92 1.86 0.00	66.39 2.00 0.00	58.96 2.05 0.00	48.87 1.74 0.00	46.29 1.61 0.00	46.32 1.65 0.00	46.96 1.68 0.00	50.19 1.84 0.00	53.37 2.00 0.00	57.58 2.08 -0.64	73.22 2.68 -1.63	83.68 2.83 0.00	79.61 2.54 0.00	70.38 2.44 0.00	62.95 2.21 -2.44	54.67 1.87 -2.40	47.17 1.67 -1.52	42.60 1.44 0.00
GILBOA___2 23757	44.88 1.27 0.00	39.14 1.06 0.00	37.85 1.21 0.00	37.27 1.19 0.00	37.23 1.15 0.00	43.99 1.24 0.00	61.92 1.86 0.00	66.39 2.00 0.00	58.96 2.05 0.00	48.87 1.74 0.00	46.29 1.61 0.00	46.32 1.65 0.00	46.96 1.68 0.00	50.19 1.84 0.00	53.37 2.00 0.00	57.58 2.08 -0.64	73.22 2.68 -1.63	83.68 2.83 0.00	79.61 2.54 0.00	70.38 2.44 0.00	62.95 2.21 -2.44	54.67 1.87 -2.40	47.17 1.67 -1.52	42.60 1.44 0.00
GILBOA___3 23758	44.88 1.27 0.00	39.14 1.06 0.00	37.85 1.21 0.00	37.27 1.19 0.00	37.23 1.15 0.00	43.99 1.24 0.00	61.92 1.86 0.00	66.39 2.00 0.00	58.96 2.05 0.00	48.87 1.74 0.00	46.29 1.61 0.00	46.32 1.65 0.00	46.96 1.68 0.00	50.19 1.84 0.00	53.37 2.00 0.00	57.58 2.08 -0.64	73.22 2.68 -1.63	83.68 2.83 0.00	79.61 2.54 0.00	70.38 2.44 0.00	62.95 2.21 -2.44	54.67 1.87 -2.40	47.17 1.67 -1.52	42.60 1.44 0.00
GILBOA___4 23759	44.88 1.27 0.00	39.14 1.06 0.00	37.85 1.21 0.00	37.27 1.19 0.00	37.23 1.15 0.00	43.99 1.24 0.00	61.92 1.86 0.00	66.39 2.00 0.00	58.96 2.05 0.00	48.87 1.74 0.00	46.29 1.61 0.00	46.32 1.65 0.00	46.96 1.68 0.00	50.19 1.84 0.00	53.37 2.00 0.00	57.58 2.08 -0.64	73.22 2.68 -1.63	83.68 2.83 0.00	79.61 2.54 0.00	70.38 2.44 0.00	62.95 2.21 -2.44	54.67 1.87 -2.40	47.17 1.67 -1.52	42.60 1.44 0.00

GILBOA____ 23599	44.88 1.26 0.00	39.14 1.07 0.00	37.85 1.21 0.00	37.24 1.15 0.00	37.23 1.15 0.00	43.99 1.24 0.00	61.92 1.86 0.00	66.39 2.00 0.00	58.91 1.99 0.00	48.87 1.74 0.00	46.29 1.61 0.00	46.32 1.65 0.00	46.96 1.68 0.00	50.19 1.84 0.00	53.38 2.00 0.00	57.58 2.08 -0.64	73.22 2.69 -1.63	83.68 2.83 0.00	79.61 2.54 0.00	70.32 2.38 0.00	62.95 2.22 -2.44	54.67 1.87 -2.40	47.17 1.67 -1.52	42.60 1.44 0.00
GINNA____ 23603	39.77 -3.84 0.00	34.76 -3.31 0.00	33.38 -3.26 0.00	32.80 -3.28 0.00	33.01 -3.07 0.00	38.77 -3.97 0.00	54.71 -5.35 0.00	58.41 -5.99 0.00	50.93 -5.98 0.01	42.36 -4.76 0.01	40.53 -4.15 0.01	40.37 -4.29 0.01	40.93 -4.35 0.01	43.51 -4.83 0.01	46.08 -5.29 0.01	49.06 -5.60 0.20	61.93 -6.82 0.15	73.41 -7.44 0.01	70.75 -6.32 0.01	61.69 -6.25 0.01	52.72 -5.77 -0.20	45.36 -5.24 -0.19	39.40 -4.71 -0.12	37.38 -3.79 0.00
GLEN PARK____ 23778	43.61 0.00 0.00	38.04 -0.04 0.00	36.53 -0.11 0.00	35.79 -0.29 0.00	35.89 -0.18 0.00	43.00 0.26 0.00	60.78 0.72 0.00	65.10 0.71 0.00	56.74 -0.17 0.00	46.51 -0.61 0.00	44.51 -0.18 0.00	44.58 -0.09 0.00	44.92 -0.36 0.00	47.82 -0.53 0.00	51.12 -0.26 0.00	55.01 0.11 -0.04	69.55 0.55 -0.10	81.49 0.64 0.00	77.84 0.77 0.00	68.03 0.68 0.60	58.81 0.58 0.07	51.26 0.71 -0.15	44.25 0.18 -0.09	41.20 0.04 0.00
GLENDALE_27_KV_LOAD 356172	47.01 3.40 0.00	40.93 2.86 0.00	39.35 2.71 0.00	38.68 2.60 0.00	38.60 2.53 0.00	45.91 3.16 0.00	64.26 4.20 0.00	68.96 4.57 0.01	61.93 5.01 0.00	52.12 5.00 0.00	49.24 4.56 0.00	49.40 4.73 0.00	50.18 4.89 0.00	53.43 5.08 0.00	56.71 5.34 0.00	60.65 5.10 -0.69	77.06 6.41 -1.74	88.68 7.84 0.01	83.92 6.86 0.01	73.91 5.98 0.01	65.99 5.07 -2.61	57.57 4.59 -2.58	50.06 4.44 -1.63	44.99 3.83 0.00
GLENWOOD_IC_1_G5 23712	46.90 3.36 0.07	40.75 2.67 -0.01	39.10 2.46 0.00	38.47 2.38 -0.01	38.42 2.34 0.00	55.68 3.42 -9.51	63.16 4.74 1.64	66.37 4.57 2.60	61.13 5.35 1.14	58.80 5.09 -6.58	60.89 4.83 -11.37	58.66 4.91 -9.08	62.40 5.07 -12.04	62.44 5.37 -8.72	60.40 5.70 -3.33	78.83 5.71 -18.26	79.39 7.10 -3.39	88.77 8.57 0.65	82.04 7.55 2.58	77.44 6.73 -2.77	65.11 5.71 -1.10	59.77 5.04 -4.32	54.51 4.44 -6.09	56.95 3.91 -11.88
GLENWOOD_IC_2_G1 23688	46.71 3.10 0.00	40.62 2.55 0.00	38.99 2.35 0.00	38.43 2.34 0.00	38.31 2.24 0.00	45.91 3.16 0.00	64.50 4.44 0.00	68.84 4.44 0.00	62.04 5.12 0.00	51.94 4.81 0.00	54.63 4.47 -5.48	53.71 4.60 -4.44	51.99 4.75 -1.95	57.98 5.12 -4.51	56.71 5.34 0.00	69.78 5.10 -9.82	79.60 6.62 -4.08	89.55 8.08 -0.62	84.16 7.09 0.00	76.78 6.38 -2.46	66.54 5.30 -2.94	57.67 4.69 -2.58	49.88 4.27 -1.64	44.78 3.62 0.00
GLENWOOD_IC_3_G1 23689	46.71 3.10 0.00	40.62 2.55 0.00	38.99 2.35 0.00	38.43 2.34 0.00	38.31 2.24 0.00	45.91 3.16 0.00	64.50 4.44 0.00	68.84 4.44 0.00	62.04 5.12 0.00	51.94 4.81 0.00	54.63 4.47 -5.48	53.71 4.60 -4.44	51.99 4.75 -1.95	57.98 5.12 -4.51	56.71 5.34 0.00	69.78 5.10 -9.82	79.60 6.62 -4.08	89.55 8.08 -0.62	84.16 7.09 0.00	76.78 6.38 -2.46	66.54 5.30 -2.94	57.67 4.69 -2.58	49.88 4.27 -1.64	44.78 3.62 0.00
GLENWOOD____4 23550	46.90 3.36 0.07	40.75 2.67 -0.01	39.10 2.46 0.00	38.47 2.38 -0.01	38.42 2.34 0.00	55.68 3.42 -9.51	63.16 4.74 1.64	66.37 4.57 2.60	61.13 5.35 1.14	58.80 5.09 -6.58	60.89 4.83 -11.37	58.66 4.91 -9.08	62.40 5.07 -12.04	62.44 5.37 -8.72	60.40 5.70 -3.33	78.83 5.71 -18.26	79.39 7.10 -3.39	88.77 8.57 0.65	82.04 7.55 2.58	77.44 6.73 -2.77	65.11 5.71 -1.10	59.77 5.04 -4.32	54.51 4.44 -6.09	56.95 3.91 -11.88
GLENWOOD____5 23614	46.90 3.36 0.07	40.75 2.67 -0.01	39.10 2.46 0.00	38.47 2.38 -0.01	38.42 2.34 0.00	55.68 3.42 -9.51	63.16 4.74 1.64	66.37 4.57 2.60	61.13 5.35 1.14	58.80 5.09 -6.58	60.89 4.83 -11.37	58.66 4.91 -9.08	62.40 5.07 -12.04	62.44 5.37 -8.72	60.40 5.70 -3.33	78.83 5.71 -18.26	79.39 7.10 -3.39	88.77 8.57 0.65	82.04 7.55 2.58	77.44 6.73 -2.77	65.11 5.71 -1.10	59.77 5.04 -4.32	54.51 4.44 -6.09	56.95 3.91 -11.88
GLOBAL GREEN_PORT_GT1 23814	46.51 3.49 0.59	40.77 2.70 0.00	38.85 2.27 0.06	38.46 2.38 0.00	38.32 2.31 0.06	41.94 3.80 4.61	49.09 5.41 16.38	49.41 4.57 19.55	47.80 5.58 14.70	47.90 5.42 4.65	48.87 5.00 0.81	39.78 4.65 9.53	39.62 4.67 10.33	47.58 4.79 5.55	47.68 4.98 8.68	48.23 4.39 11.02	54.54 5.99 20.36	73.12 7.36 15.09	63.93 6.24 19.38	57.55 5.84 16.23	49.16 4.84 13.98	48.51 4.13 6.03	47.07 3.61 0.52	38.50 3.09 5.75
GLOBE____DSASP 323697	39.12 -4.49 0.00	35.14 -2.93 0.00	33.49 -3.15 0.00	33.23 -2.85 0.00	33.04 -3.03 0.00	38.34 -4.40 0.00	52.13 -7.93 0.00	54.93 -9.47 0.00	47.74 -9.16 0.01	40.23 -6.88 0.01	38.42 -6.26 0.01	38.31 -6.34 0.01	38.80 -6.48 0.01	41.04 -7.30 0.01	43.04 -8.32 0.01	45.40 -8.89 0.57	57.94 -10.47 0.49	68.47 -12.37 0.01	66.73 -10.33 0.01	58.69 -9.24 0.01	49.57 -8.92 -0.19	42.48 -8.12 -0.18	37.59 -6.51 -0.11	36.18 -4.98 0.00
GOETHSLN____LBMP 323567	46.40 2.79 0.00	40.43 2.36 0.00	38.91 2.27 0.00	38.25 2.17 0.00	38.20 2.13 0.00	45.57 2.82 0.00	64.08 4.02 0.00	68.90 4.51 0.00	62.03 5.12 0.00	51.98 4.85 0.00	49.11 4.42 0.00	49.22 4.56 0.00	50.00 4.71 0.00	53.28 4.93 0.00	56.61 5.24 0.00	60.65 5.10 -0.69	77.06 6.41 -1.75	88.77 7.92 0.00	83.93 6.86 0.00	73.92 5.98 0.00	66.05 5.13 -2.62	57.52 4.54 -2.58	49.71 4.09 -1.63	44.66 3.50 0.00
GOLAH____69_KV_TB 1_2 80279	41.52 -2.09 0.00	36.36 -1.71 0.00	34.77 -1.87 0.00	34.39 -1.70 0.00	34.41 -1.66 0.00	40.27 -2.48 0.00	56.51 -3.54 0.00	60.08 -4.31 0.00	52.24 -4.67 0.01	43.58 -3.53 0.01	41.59 -3.08 0.01	41.49 -3.17 0.01	42.11 -3.17 0.01	44.71 -3.63 0.01	47.15 -4.21 0.01	49.83 -4.66 0.37	62.96 -5.65 0.29	75.02 -5.82 0.01	72.67 -4.39 0.01	63.92 -4.01 0.01	54.22 -4.26 -0.18	46.50 -4.08 -0.18	40.62 -3.47 -0.11	38.77 -2.39 0.00
GOODYEAR_LAKE_HYD 323669	44.66 1.05 0.00	38.95 0.88 0.00	37.56 0.92 0.00	36.91 0.83 0.00	36.94 0.87 0.00	43.94 1.20 0.00	61.98 1.92 0.00	66.13 1.74 0.00	58.28 1.37 0.00	48.21 1.08 0.00	45.67 0.98 0.00	45.79 1.12 0.00	46.55 1.27 0.00	49.75 1.40 0.00	53.07 1.70 0.00	57.03 1.92 -0.25	72.31 2.76 -0.64	83.76 2.91 0.00	79.69 2.62 0.00	70.25 2.31 0.00	61.24 1.98 -0.96	53.07 1.71 -0.95	45.90 1.32 -0.60	42.31 1.15 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	43.44 -0.17 0.00	37.96 -0.11 0.00	36.53 -0.11 0.00	35.98 -0.11 0.00	35.96 -0.11 0.00	42.53 -0.21 0.00	59.94 -0.12 0.00	63.94 -0.45 0.00	56.45 -0.46 0.00	46.79 -0.33 0.00	44.32 -0.36 0.00	44.35 -0.31 0.00	45.01 -0.27 0.00	48.10 -0.24 0.00	51.06 -0.31 0.00	54.56 -0.27 0.02	69.16 -0.07 -0.33	80.84 0.00 0.00	77.07 0.00 0.00	67.87 -0.07 0.00	59.14 0.00 -0.84	50.98 -0.25 -0.82	44.24 -0.26 -0.52	41.04 -0.12 0.00

GOUDEY___7 23579	43.44 -0.17 0.00	37.96 -0.11 0.00	36.53 -0.11 0.00	35.98 -0.11 0.00	35.96 -0.11 0.00	42.53 -0.21 0.00	59.94 -0.12 0.00	63.94 -0.45 0.00	56.45 -0.46 0.00	46.79 -0.33 0.00	44.32 -0.36 0.00	44.35 -0.31 0.00	45.01 -0.27 0.00	48.10 -0.24 0.00	51.06 -0.31 0.00	54.56 -0.27 0.02	69.16 -0.07 -0.33	80.84 0.00 0.00	77.07 0.00 0.00	67.87 -0.07 0.00	59.14 0.00 -0.84	50.98 -0.25 -0.82	44.24 -0.26 -0.52	41.04 -0.12 0.00
GOUDEY___8 23580	43.44 -0.17 0.00	37.96 -0.11 0.00	36.53 -0.11 0.00	35.98 -0.11 0.00	35.96 -0.11 0.00	42.53 -0.21 0.00	59.94 -0.12 0.00	63.94 -0.45 0.00	56.45 -0.46 0.00	46.79 -0.33 0.00	44.32 -0.36 0.00	44.35 -0.31 0.00	45.01 -0.27 0.00	48.10 -0.24 0.00	51.06 -0.31 0.00	54.56 -0.27 0.02	69.16 -0.07 -0.33	80.84 0.00 0.00	77.07 0.00 0.00	67.87 -0.07 0.00	59.14 0.00 -0.84	50.98 -0.25 -0.82	44.24 -0.26 -0.52	41.04 -0.12 0.00
GOWANUS_GT1_1 24077	47.14 3.53 0.00	41.00 2.93 0.00	39.43 2.78 0.00	38.75 2.67 0.00	38.63 2.56 0.00	45.91 3.16 0.00	63.84 3.78 0.00	68.44 4.06 0.01	61.32 4.38 -0.02	51.89 4.76 0.00	49.02 4.33 0.00	49.18 4.51 0.00	49.95 4.66 0.00	53.14 4.79 0.00	56.30 4.93 0.00	60.10 4.55 -0.69	76.44 5.79 -1.74	88.04 7.20 0.01	83.54 6.47 0.01	73.57 5.64 0.01	65.52 4.61 -2.61	57.27 4.28 -2.58	50.06 4.44 -1.63	45.07 3.91 0.00
GOWANUS_GT1_2 24078	47.14 3.53 0.00	41.00 2.93 0.00	39.43 2.78 0.00	38.75 2.67 0.00	38.63 2.56 0.00	45.91 3.16 0.00	63.84 3.78 0.00	68.44 4.06 0.01	61.32 4.38 -0.02	51.89 4.76 0.00	49.02 4.33 0.00	49.18 4.51 0.00	49.95 4.66 0.00	53.14 4.79 0.00	56.30 4.93 0.00	60.10 4.55 -0.69	76.44 5.79 -1.74	88.04 7.20 0.01	83.54 6.47 0.01	73.57 5.64 0.01	65.52 4.61 -2.61	57.27 4.28 -2.58	50.06 4.44 -1.63	45.07 3.91 0.00
GOWANUS_GT1_3 24079	47.14 3.53 0.00	41.00 2.93 0.00	39.43 2.78 0.00	38.75 2.67 0.00	38.63 2.56 0.00	45.91 3.16 0.00	63.84 3.78 0.00	68.44 4.06 0.01	61.32 4.38 -0.02	51.89 4.76 0.00	49.02 4.33 0.00	49.18 4.51 0.00	49.95 4.66 0.00	53.14 4.79 0.00	56.30 4.93 0.00	60.10 4.55 -0.69	76.44 5.79 -1.74	88.04 7.20 0.01	83.54 6.47 0.01	73.57 5.64 0.01	65.52 4.61 -2.61	57.27 4.28 -2.58	50.06 4.44 -1.63	45.07 3.91 0.00
GOWANUS_GT1_4 24080	47.14 3.53 0.00	41.00 2.93 0.00	39.43 2.78 0.00	38.75 2.67 0.00	38.63 2.56 0.00	45.91 3.16 0.00	63.84 3.78 0.00	68.44 4.06 0.01	61.32 4.38 -0.02	51.89 4.76 0.00	49.02 4.33 0.00	49.18 4.51 0.00	49.95 4.66 0.00	53.14 4.79 0.00	56.30 4.93 0.00	60.10 4.55 -0.69	76.44 5.79 -1.74	88.04 7.20 0.01	83.54 6.47 0.01	73.57 5.64 0.01	65.52 4.61 -2.61	57.27 4.28 -2.58	50.06 4.44 -1.63	45.07 3.91 0.00
GOWANUS_GT1_5 24084	47.14 3.53 0.00	41.00 2.93 0.00	39.43 2.78 0.00	38.75 2.67 0.00	38.63 2.56 0.00	45.91 3.16 0.00	63.84 3.78 0.00	68.44 4.06 0.01	61.32 4.38 -0.02	51.89 4.76 0.00	49.02 4.33 0.00	49.18 4.51 0.00	49.95 4.66 0.00	53.14 4.79 0.00	56.30 4.93 0.00	60.10 4.55 -0.69	76.44 5.79 -1.74	88.04 7.20 0.01	83.54 6.47 0.01	73.57 5.64 0.01	65.52 4.61 -2.61	57.27 4.28 -2.58	50.06 4.44 -1.63	45.07 3.91 0.00
GOWANUS_GT1_6 24111	47.14 3.53 0.00	41.00 2.93 0.00	39.43 2.78 0.00	38.75 2.67 0.00	38.63 2.56 0.00	45.91 3.16 0.00	63.84 3.78 0.00	68.44 4.06 0.01	61.32 4.38 -0.02	51.89 4.76 0.00	49.02 4.33 0.00	49.18 4.51 0.00	49.95 4.66 0.00	53.14 4.79 0.00	56.30 4.93 0.00	60.10 4.55 -0.69	76.44 5.79 -1.74	88.04 7.20 0.01	83.54 6.47 0.01	73.57 5.64 0.01	65.52 4.61 -2.61	57.27 4.28 -2.58	50.06 4.44 -1.63	45.07 3.91 0.00
GOWANUS_GT1_7 24112	47.14 3.53 0.00	41.00 2.93 0.00	39.43 2.78 0.00	38.75 2.67 0.00	38.63 2.56 0.00	45.91 3.16 0.00	63.84 3.78 0.00	68.44 4.06 0.01	61.32 4.38 -0.02	51.89 4.76 0.00	49.02 4.33 0.00	49.18 4.51 0.00	49.95 4.66 0.00	53.14 4.79 0.00	56.30 4.93 0.00	60.10 4.55 -0.69	76.44 5.79 -1.74	88.04 7.20 0.01	83.54 6.47 0.01	73.57 5.64 0.01	65.52 4.61 -2.61	57.27 4.28 -2.58	50.06 4.44 -1.63	45.07 3.91 0.00
GOWANUS_GT1_8 24113	47.14 3.53 0.00	41.00 2.93 0.00	39.43 2.78 0.00	38.75 2.67 0.00	38.63 2.56 0.00	45.91 3.16 0.00	63.84 3.78 0.00	68.44 4.06 0.01	61.32 4.38 -0.02	51.89 4.76 0.00	49.02 4.33 0.00	49.18 4.51 0.00	49.95 4.66 0.00	53.14 4.79 0.00	56.30 4.93 0.00	60.10 4.55 -0.69	76.44 5.79 -1.74	88.04 7.20 0.01	83.54 6.47 0.01	73.57 5.64 0.01	65.52 4.61 -2.61	57.27 4.28 -2.58	50.06 4.44 -1.63	45.07 3.91 0.00
GOWANUS_GT2_1 24114	47.14 3.53 0.00	41.08 3.01 0.00	39.43 2.78 0.00	38.86 2.78 0.00	38.70 2.63 0.00	45.95 3.21 0.00	63.90 3.85 0.00	68.51 4.12 0.01	61.35 4.44 0.01	51.84 4.71 0.00	49.02 4.33 0.00	49.18 4.51 0.00	50.00 4.71 0.00	53.33 4.98 0.00	56.41 5.04 0.00	60.15 4.61 -0.69	76.44 5.79 -1.74	88.03 7.19 0.01	83.54 6.47 0.01	73.64 5.71 0.01	65.52 4.60 -2.61	57.27 4.28 -2.58	50.06 4.44 -1.63	45.07 3.91 0.00
GOWANUS_GT2_2 24115	47.14 3.53 0.00	41.08 3.01 0.00	39.43 2.78 0.00	38.86 2.78 0.00	38.70 2.63 0.00	45.95 3.21 0.00	63.90 3.85 0.00	68.51 4.12 0.01	61.35 4.44 0.01	51.84 4.71 0.00	49.02 4.33 0.00	49.18 4.51 0.00	50.00 4.71 0.00	53.33 4.98 0.00	56.41 5.04 0.00	60.15 4.61 -0.69	76.44 5.79 -1.74	88.03 7.19 0.01	83.54 6.47 0.01	73.64 5.71 0.01	65.52 4.60 -2.61	57.27 4.28 -2.58	50.06 4.44 -1.63	45.07 3.91 0.00
GOWANUS_GT2_3 24116	47.14 3.53 0.00	41.08 3.01 0.00	39.43 2.78 0.00	38.86 2.78 0.00	38.70 2.63 0.00	45.95 3.21 0.00	63.90 3.85 0.00	68.51 4.12 0.01	61.35 4.44 0.01	51.84 4.71 0.00	49.02 4.33 0.00	49.18 4.51 0.00	50.00 4.71 0.00	53.33 4.98 0.00	56.41 5.04 0.00	60.15 4.61 -0.69	76.44 5.79 -1.74	88.03 7.19 0.01	83.54 6.47 0.01	73.64 5.71 0.01	65.52 4.60 -2.61	57.27 4.28 -2.58	50.06 4.44 -1.63	45.07 3.91 0.00
GOWANUS_GT2_4 24117	47.14 3.53 0.00	41.08 3.01 0.00	39.43 2.78 0.00	38.86 2.78 0.00	38.70 2.63 0.00	45.95 3.21 0.00	63.90 3.85 0.00	68.51 4.12 0.01	61.35 4.44 0.01	51.84 4.71 0.00	49.02 4.33 0.00	49.18 4.51 0.00	50.00 4.71 0.00	53.33 4.98 0.00	56.41 5.04 0.00	60.15 4.61 -0.69	76.44 5.79 -1.74	88.03 7.19 0.01	83.54 6.47 0.01	73.64 5.71 0.01	65.52 4.60 -2.61	57.27 4.28 -2.58	50.06 4.44 -1.63	45.07 3.91 0.00
GOWANUS_GT2_5 24118	47.14 3.53 0.00	41.08 3.01 0.00	39.43 2.78 0.00	38.86 2.78 0.00	38.70 2.63 0.00	45.95 3.21 0.00	63.90 3.85 0.00	68.51 4.12 0.01	61.35 4.44 0.01	51.84 4.71 0.00	49.02 4.33 0.00	49.18 4.51 0.00	50.00 4.71 0.00	53.33 4.98 0.00	56.41 5.04 0.00	60.15 4.61 -0.69	76.44 5.79 -1.74	88.03 7.19 0.01	83.54 6.47 0.01	73.64 5.71 0.01	65.52 4.60 -2.61	57.27 4.28 -2.58	50.06 4.44 -1.63	45.07 3.91 0.00

GOWANUS_GT2_6 24119	47.14 3.53 0.00	41.08 3.01 0.00	39.43 2.78 0.00	38.86 2.78 0.00	38.70 2.63 0.00	45.95 3.21 0.00	63.90 3.85 0.00	68.51 4.12 0.01	61.35 4.44 0.01	51.84 4.71 0.00	49.02 4.33 0.00	49.18 4.51 0.00	50.00 4.71 0.00	53.33 4.98 0.00	56.41 5.04 0.00	60.15 4.61 -0.69	76.44 5.79 -1.74	88.03 7.19 0.01	83.54 6.47 0.01	73.64 5.71 0.01	65.52 4.60 -2.61	57.27 4.28 -2.58	50.06 4.44 -1.63	45.07 3.91 0.00
GOWANUS_GT2_7 24120	47.14 3.53 0.00	41.08 3.01 0.00	39.43 2.78 0.00	38.86 2.78 0.00	38.70 2.63 0.00	45.95 3.21 0.00	63.90 3.85 0.00	68.51 4.12 0.01	61.35 4.44 0.01	51.84 4.71 0.00	49.02 4.33 0.00	49.18 4.51 0.00	50.00 4.71 0.00	53.33 4.98 0.00	56.41 5.04 0.00	60.15 4.61 -0.69	76.44 5.79 -1.74	88.03 7.19 0.01	83.54 6.47 0.01	73.64 5.71 0.01	65.52 4.60 -2.61	57.27 4.28 -2.58	50.06 4.44 -1.63	45.07 3.91 0.00
GOWANUS_GT2_8 24121	47.14 3.53 0.00	41.08 3.01 0.00	39.43 2.78 0.00	38.86 2.78 0.00	38.70 2.63 0.00	45.95 3.21 0.00	63.90 3.85 0.00	68.51 4.12 0.01	61.35 4.44 0.01	51.84 4.71 0.00	49.02 4.33 0.00	49.18 4.51 0.00	50.00 4.71 0.00	53.33 4.98 0.00	56.41 5.04 0.00	60.15 4.61 -0.69	76.44 5.79 -1.74	88.03 7.19 0.01	83.54 6.47 0.01	73.64 5.71 0.01	65.52 4.60 -2.61	57.27 4.28 -2.58	50.06 4.44 -1.63	45.07 3.91 0.00
GOWANUS_GT3_1 24122	47.14 3.53 0.00	41.08 3.01 0.00	39.43 2.78 0.00	38.86 2.78 0.00	38.67 2.60 0.00	45.95 3.21 0.00	63.90 3.85 0.00	68.45 4.06 0.01	61.38 4.44 -0.02	51.79 4.67 0.00	48.98 4.29 0.00	49.18 4.51 0.00	49.95 4.67 0.00	53.33 4.98 0.00	56.41 5.04 0.00	60.10 4.55 -0.69	76.44 5.79 -1.74	88.03 7.19 0.01	83.54 6.47 0.01	73.64 5.71 0.01	65.52 4.60 -2.61	57.27 4.28 -2.58	50.06 4.44 -1.63	45.07 3.91 0.00
GOWANUS_GT3_2 24123	47.14 3.53 0.00	41.08 3.01 0.00	39.43 2.78 0.00	38.86 2.78 0.00	38.67 2.60 0.00	45.95 3.21 0.00	63.90 3.85 0.00	68.45 4.06 0.01	61.38 4.44 -0.02	51.79 4.67 0.00	48.98 4.29 0.00	49.18 4.51 0.00	49.95 4.67 0.00	53.33 4.98 0.00	56.41 5.04 0.00	60.10 4.55 -0.69	76.44 5.79 -1.74	88.03 7.19 0.01	83.54 6.47 0.01	73.64 5.71 0.01	65.52 4.60 -2.61	57.27 4.28 -2.58	50.06 4.44 -1.63	45.07 3.91 0.00
GOWANUS_GT3_3 24124	47.14 3.53 0.00	41.08 3.01 0.00	39.43 2.78 0.00	38.86 2.78 0.00	38.67 2.60 0.00	45.95 3.21 0.00	63.90 3.85 0.00	68.45 4.06 0.01	61.38 4.44 -0.02	51.79 4.67 0.00	48.98 4.29 0.00	49.18 4.51 0.00	49.95 4.67 0.00	53.33 4.98 0.00	56.41 5.04 0.00	60.10 4.55 -0.69	76.44 5.79 -1.74	88.03 7.19 0.01	83.54 6.47 0.01	73.64 5.71 0.01	65.52 4.60 -2.61	57.27 4.28 -2.58	50.06 4.44 -1.63	45.07 3.91 0.00
GOWANUS_GT3_4 24125	47.14 3.53 0.00	41.08 3.01 0.00	39.43 2.78 0.00	38.86 2.78 0.00	38.67 2.60 0.00	45.95 3.21 0.00	63.90 3.85 0.00	68.45 4.06 0.01	61.38 4.44 -0.02	51.79 4.67 0.00	48.98 4.29 0.00	49.18 4.51 0.00	49.95 4.67 0.00	53.33 4.98 0.00	56.41 5.04 0.00	60.10 4.55 -0.69	76.44 5.79 -1.74	88.03 7.19 0.01	83.54 6.47 0.01	73.64 5.71 0.01	65.52 4.60 -2.61	57.27 4.28 -2.58	50.06 4.44 -1.63	45.07 3.91 0.00
GOWANUS_GT3_5 24126	47.14 3.53 0.00	41.08 3.01 0.00	39.43 2.78 0.00	38.86 2.78 0.00	38.67 2.60 0.00	45.95 3.21 0.00	63.90 3.85 0.00	68.45 4.06 0.01	61.38 4.44 -0.02	51.79 4.67 0.00	48.98 4.29 0.00	49.18 4.51 0.00	49.95 4.67 0.00	53.33 4.98 0.00	56.41 5.04 0.00	60.10 4.55 -0.69	76.44 5.79 -1.74	88.03 7.19 0.01	83.54 6.47 0.01	73.64 5.71 0.01	65.52 4.60 -2.61	57.27 4.28 -2.58	50.06 4.44 -1.63	45.07 3.91 0.00
GOWANUS_GT3_6 24127	47.14 3.53 0.00	41.08 3.01 0.00	39.43 2.78 0.00	38.86 2.78 0.00	38.67 2.60 0.00	45.95 3.21 0.00	63.90 3.85 0.00	68.45 4.06 0.01	61.38 4.44 -0.02	51.79 4.67 0.00	48.98 4.29 0.00	49.18 4.51 0.00	49.95 4.67 0.00	53.33 4.98 0.00	56.41 5.04 0.00	60.10 4.55 -0.69	76.44 5.79 -1.74	88.03 7.19 0.01	83.54 6.47 0.01	73.64 5.71 0.01	65.52 4.60 -2.61	57.27 4.28 -2.58	50.06 4.44 -1.63	45.07 3.91 0.00
GOWANUS_GT3_7 24128	47.14 3.53 0.00	41.08 3.01 0.00	39.43 2.78 0.00	38.86 2.78 0.00	38.67 2.60 0.00	45.95 3.21 0.00	63.90 3.85 0.00	68.45 4.06 0.01	61.38 4.44 -0.02	51.79 4.67 0.00	48.98 4.29 0.00	49.18 4.51 0.00	49.95 4.67 0.00	53.33 4.98 0.00	56.41 5.04 0.00	60.10 4.55 -0.69	76.44 5.79 -1.74	88.03 7.19 0.01	83.54 6.47 0.01	73.64 5.71 0.01	65.52 4.60 -2.61	57.27 4.28 -2.58	50.06 4.44 -1.63	45.07 3.91 0.00
GOWANUS_GT3_8 24129	47.14 3.53 0.00	41.08 3.01 0.00	39.43 2.78 0.00	38.86 2.78 0.00	38.67 2.60 0.00	45.95 3.21 0.00	63.90 3.85 0.00	68.45 4.06 0.01	61.38 4.44 -0.02	51.79 4.67 0.00	48.98 4.29 0.00	49.18 4.51 0.00	49.95 4.67 0.00	53.33 4.98 0.00	56.41 5.04 0.00	60.10 4.55 -0.69	76.44 5.79 -1.74	88.03 7.19 0.01	83.54 6.47 0.01	73.64 5.71 0.01	65.52 4.60 -2.61	57.27 4.28 -2.58	50.06 4.44 -1.63	45.07 3.91 0.00
GOWANUS_GT4_1 24130	47.14 3.53 0.00	41.04 2.97 0.00	39.43 2.78 0.00	38.75 2.67 0.00	38.67 2.60 0.00	45.91 3.16 0.00	63.90 3.84 0.00	68.51 4.12 0.01	61.35 4.44 0.01	51.89 4.76 0.00	49.02 4.33 0.00	49.18 4.51 0.00	50.00 4.71 0.00	53.14 4.79 0.00	56.35 4.98 0.00	60.15 4.61 -0.69	76.44 5.79 -1.74	88.04 7.20 0.01	83.54 6.47 0.01	73.57 5.64 0.01	65.52 4.61 -2.61	57.27 4.28 -2.58	50.06 4.44 -1.63	45.07 3.91 0.00
GOWANUS_GT4_2 24131	47.14 3.53 0.00	41.04 2.97 0.00	39.43 2.78 0.00	38.75 2.67 0.00	38.67 2.60 0.00	45.91 3.16 0.00	63.90 3.84 0.00	68.51 4.12 0.01	61.35 4.44 0.01	51.89 4.76 0.00	49.02 4.33 0.00	49.18 4.51 0.00	50.00 4.71 0.00	53.14 4.79 0.00	56.35 4.98 0.00	60.15 4.61 -0.69	76.44 5.79 -1.74	88.04 7.20 0.01	83.54 6.47 0.01	73.57 5.64 0.01	65.52 4.61 -2.61	57.27 4.28 -2.58	50.06 4.44 -1.63	45.07 3.91 0.00
GOWANUS_GT4_3 24132	47.14 3.53 0.00	41.04 2.97 0.00	39.43 2.78 0.00	38.75 2.67 0.00	38.67 2.60 0.00	45.91 3.16 0.00	63.90 3.84 0.00	68.51 4.12 0.01	61.35 4.44 0.01	51.89 4.76 0.00	49.02 4.33 0.00	49.18 4.51 0.00	50.00 4.71 0.00	53.14 4.79 0.00	56.35 4.98 0.00	60.15 4.61 -0.69	76.44 5.79 -1.74	88.04 7.20 0.01	83.54 6.47 0.01	73.57 5.64 0.01	65.52 4.61 -2.61	57.27 4.28 -2.58	50.06 4.44 -1.63	45.07 3.91 0.00
GOWANUS_GT4_4 24133	47.14 3.53 0.00	41.04 2.97 0.00	39.43 2.78 0.00	38.75 2.67 0.00	38.67 2.60 0.00	45.91 3.16 0.00	63.90 3.84 0.00	68.51 4.12 0.01	61.35 4.44 0.01	51.89 4.76 0.00	49.02 4.33 0.00	49.18 4.51 0.00	50.00 4.71 0.00	53.14 4.79 0.00	56.35 4.98 0.00	60.15 4.61 -0.69	76.44 5.79 -1.74	88.04 7.20 0.01	83.54 6.47 0.01	73.57 5.64 0.01	65.52 4.61 -2.61	57.27 4.28 -2.58	50.06 4.44 -1.63	45.07 3.91 0.00

GOWANUS_GT4_5 24134	47.14 3.53 0.00	41.04 2.97 0.00	39.43 2.78 0.00	38.75 2.67 0.00	38.67 2.60 0.00	45.91 3.16 0.00	63.90 3.84 0.00	68.51 4.12 0.01	61.35 4.44 0.01	51.89 4.76 0.00	49.02 4.33 0.00	49.18 4.51 0.00	50.00 4.71 0.00	53.14 4.79 0.00	56.35 4.98 0.00	60.15 4.61 -0.69	76.44 5.79 -1.74	88.04 7.20 0.01	83.54 6.47 0.01	73.57 5.64 0.01	65.52 4.61 -2.61	57.27 4.28 -2.58	50.06 4.44 -1.63	45.07 3.91 0.00
GOWANUS_GT4_6 24135	47.14 3.53 0.00	41.04 2.97 0.00	39.43 2.78 0.00	38.75 2.67 0.00	38.67 2.60 0.00	45.91 3.16 0.00	63.90 3.84 0.00	68.51 4.12 0.01	61.35 4.44 0.01	51.89 4.76 0.00	49.02 4.33 0.00	49.18 4.51 0.00	50.00 4.71 0.00	53.14 4.79 0.00	56.35 4.98 0.00	60.15 4.61 -0.69	76.44 5.79 -1.74	88.04 7.20 0.01	83.54 6.47 0.01	73.57 5.64 0.01	65.52 4.61 -2.61	57.27 4.28 -2.58	50.06 4.44 -1.63	45.07 3.91 0.00
GOWANUS_GT4_7 24136	47.14 3.53 0.00	41.04 2.97 0.00	39.43 2.78 0.00	38.75 2.67 0.00	38.67 2.60 0.00	45.91 3.16 0.00	63.90 3.84 0.00	68.51 4.12 0.01	61.35 4.44 0.01	51.89 4.76 0.00	49.02 4.33 0.00	49.18 4.51 0.00	50.00 4.71 0.00	53.14 4.79 0.00	56.35 4.98 0.00	60.15 4.61 -0.69	76.44 5.79 -1.74	88.04 7.20 0.01	83.54 6.47 0.01	73.57 5.64 0.01	65.52 4.61 -2.61	57.27 4.28 -2.58	50.06 4.44 -1.63	45.07 3.91 0.00
GOWANUS_GT4_8 24137	47.14 3.53 0.00	41.04 2.97 0.00	39.43 2.78 0.00	38.75 2.67 0.00	38.67 2.60 0.00	45.91 3.16 0.00	63.90 3.84 0.00	68.51 4.12 0.01	61.35 4.44 0.01	51.89 4.76 0.00	49.02 4.33 0.00	49.18 4.51 0.00	50.00 4.71 0.00	53.14 4.79 0.00	56.35 4.98 0.00	60.15 4.61 -0.69	76.44 5.79 -1.74	88.04 7.20 0.01	83.54 6.47 0.01	73.57 5.64 0.01	65.52 4.61 -2.61	57.27 4.28 -2.58	50.06 4.44 -1.63	45.07 3.91 0.00
GREATVRV_69_KV_BK1 356245	46.30 3.23 0.54	41.00 2.93 0.00	38.68 2.09 0.06	38.64 2.56 0.00	38.43 2.42 0.06	43.68 3.46 2.53	50.05 4.92 14.93	50.65 4.19 17.93	48.87 5.29 13.34	49.21 5.14 3.06	50.44 4.92 -0.84	45.76 4.96 3.86	46.30 5.12 4.10	49.98 5.42 3.78	49.92 5.75 7.20	53.28 5.81 7.40	58.27 7.37 18.01	75.69 8.89 14.05	66.83 7.78 18.03	60.71 7.13 14.36	51.80 6.00 12.51	50.92 5.34 4.83	48.88 4.44 -0.45	41.84 3.83 3.15
GREENBSH_115KV_TB3 55895	44.96 1.35 0.00	39.18 1.10 0.00	37.81 1.17 0.00	37.27 1.19 0.00	37.26 1.19 0.00	44.07 1.33 0.00	61.98 1.92 0.00	66.46 2.06 0.00	58.91 1.99 0.00	48.64 1.51 0.00	46.12 1.43 0.00	46.01 1.34 0.00	46.60 1.31 0.00	49.90 1.55 0.00	53.17 1.80 0.00	57.68 2.03 -0.79	73.39 2.48 -2.01	83.76 2.91 0.00	79.92 2.85 0.00	70.39 2.45 0.00	63.52 2.22 -3.01	55.18 1.81 -2.96	47.44 1.58 -1.88	42.60 1.44 0.00
GREENDGE_115KV_TB5 80291	42.35 -1.26 0.00	37.05 -1.03 0.00	35.51 -1.14 0.00	35.04 -1.05 0.00	35.03 -1.05 0.00	41.29 -1.45 0.00	57.89 -2.16 0.00	61.76 -2.64 0.00	53.88 -2.96 0.07	44.79 -2.26 0.07	42.20 -2.41 0.07	42.14 -2.46 0.07	42.77 -2.45 0.07	45.76 -2.51 0.07	48.58 -2.72 0.07	48.39 -2.85 3.61	61.98 -3.24 3.69	77.06 -3.72 0.07	73.61 -3.39 0.07	64.95 -2.92 0.07	55.63 -2.27 0.40	47.80 -2.22 0.39	41.69 -2.02 0.27	39.60 -1.56 0.00
GREENIDGE___3 23582	42.35 -1.26 0.00	37.05 -1.03 0.00	35.51 -1.14 0.00	35.04 -1.05 0.00	35.03 -1.05 0.00	41.29 -1.45 0.00	57.89 -2.16 0.00	61.76 -2.64 0.00	53.88 -2.96 0.07	44.79 -2.26 0.07	42.20 -2.41 0.07	42.14 -2.46 0.07	42.77 -2.45 0.07	45.76 -2.51 0.07	48.58 -2.72 0.07	48.39 -2.85 3.61	61.98 -3.24 3.69	77.06 -3.72 0.07	73.61 -3.39 0.07	64.95 -2.92 0.07	55.63 -2.27 0.40	47.80 -2.22 0.39	41.69 -2.02 0.27	39.60 -1.56 0.00
GREENIDGE___4 23583	42.34 -1.27 0.00	37.05 -1.03 0.00	35.51 -1.14 0.00	34.82 -1.26 0.00	34.99 -1.08 0.00	41.29 -1.45 0.00	57.90 -2.16 0.00	61.75 -2.64 0.00	53.94 -2.90 0.07	44.75 -2.31 0.07	42.11 -2.50 0.07	42.14 -2.46 0.07	42.81 -2.40 0.07	45.86 -2.42 0.07	48.22 -3.08 0.07	48.39 -2.85 3.61	62.42 -3.17 3.32	77.07 -3.72 0.06	73.54 -3.47 0.06	65.09 -2.79 0.06	55.61 -2.39 0.30	47.94 -2.17 0.30	41.75 -2.02 0.21	39.60 -1.56 0.00
GREENLWN_69_KV_BK 3 55738	46.28 3.23 0.56	40.54 2.47 0.00	38.75 2.16 0.06	38.21 2.13 0.00	38.11 2.09 0.06	42.88 3.46 3.33	49.03 4.38 15.41	49.41 3.48 18.46	48.07 4.95 13.79	48.36 4.90 3.67	49.46 4.56 -0.22	49.68 4.82 -0.18	49.67 4.98 0.59	49.09 5.17 4.43	49.03 5.39 7.74	51.57 5.43 8.72	56.08 6.48 19.30	72.09 7.76 16.52	64.00 6.71 19.78	58.33 6.11 15.73	50.47 5.19 13.02	49.83 4.69 5.26	48.24 4.18 -0.08	40.91 3.91 4.16
GREENWD_138_KV_38B11_REV_LBMP_J 345004	47.14 3.53 0.00	41.04 2.97 0.00	39.43 2.78 0.00	38.75 2.67 0.00	38.67 2.60 0.00	45.91 3.16 0.00	63.90 3.84 0.00	68.51 4.12 0.01	61.35 4.44 0.01	51.89 4.76 0.00	49.02 4.33 0.00	49.18 4.51 0.00	50.00 4.71 0.00	53.14 4.79 0.00	56.35 4.98 0.00	60.15 4.61 -0.69	76.44 5.79 -1.74	88.04 7.20 0.01	83.54 6.47 0.01	73.57 5.64 0.01	65.52 4.61 -2.61	57.27 4.28 -2.58	50.06 4.44 -1.63	45.07 3.91 0.00
GRISSOM___SOLAR 323813	45.05 1.44 0.00	39.33 1.25 0.00	37.85 1.21 0.00	37.31 1.23 0.00	37.30 1.23 0.00	44.41 1.67 0.00	62.64 2.58 0.00	66.33 1.93 0.00	57.26 0.34 0.00	46.61 -0.52 0.00	44.15 -0.53 0.00	44.09 -0.58 0.00	44.79 -0.50 0.00	48.45 0.10 0.00	52.24 0.87 0.00	57.54 1.81 -0.88	74.17 3.03 -2.24	84.17 3.32 0.00	80.46 3.39 0.00	70.86 2.92 0.00	64.04 2.39 -3.35	55.77 2.07 -3.30	47.74 1.67 -2.09	42.56 1.40 0.00
GROVEVILLE___HYD 323602	46.40 2.79 0.00	40.40 2.32 0.00	38.95 2.31 0.00	38.29 2.20 0.00	38.24 2.16 0.00	45.48 2.74 0.00	64.20 4.14 0.00	68.84 4.44 0.00	61.41 4.50 0.00	51.18 4.05 0.00	48.31 3.62 0.00	48.38 3.71 0.00	49.23 3.94 0.00	52.55 4.21 0.00	55.89 4.52 0.00	60.15 4.61 -0.69	76.65 5.99 -1.75	88.37 7.52 0.00	83.70 6.63 0.00	73.65 5.71 0.00	65.82 4.90 -2.62	57.27 4.28 -2.58	49.40 3.78 -1.64	44.41 3.25 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	42.87 -0.74 0.00	37.50 -0.57 0.00	36.09 -0.55 0.00	35.54 -0.54 0.00	35.57 -0.51 0.00	42.06 -0.68 0.00	59.34 -0.72 0.00	63.62 -0.77 0.00	56.29 -0.63 0.00	46.61 -0.52 0.00	44.15 -0.54 0.00	44.22 -0.45 0.00	44.83 -0.45 0.00	47.91 -0.44 0.00	50.81 -0.57 0.00	54.33 -0.60 -0.08	68.41 -0.69 -0.19	80.20 -0.65 0.00	76.53 -0.54 0.00	67.40 -0.54 0.00	57.95 -0.64 -0.29	50.04 -0.66 -0.28	43.50 -0.66 -0.18	40.63 -0.54 0.00
HAMLTNNY_34_KV_TB 80303	42.87 -0.74 0.00	37.46 -0.61 0.00	36.06 -0.59 0.00	35.54 -0.54 0.00	35.57 -0.51 0.00	42.02 -0.73 0.00	59.34 -0.72 0.00	63.62 -0.77 0.00	56.18 -0.74 0.00	46.52 -0.61 0.00	44.06 -0.63 0.00	44.13 -0.54 0.00	44.79 -0.50 0.00	47.82 -0.53 0.00	50.76 -0.62 0.00	54.28 -0.66 -0.08	68.35 -0.76 -0.20	80.12 -0.73 0.00	76.53 -0.54 0.00	67.33 -0.61 0.00	57.90 -0.70 -0.30	49.95 -0.76 -0.30	43.43 -0.75 -0.19	40.59 -0.58 0.00

HAMPSHIRE___PAPER_HYD 323593	44.00 0.39 0.00	38.42 0.34 0.00	36.86 0.22 0.00	36.19 0.11 0.00	36.22 0.14 0.00	43.17 0.43 0.00	60.48 0.42 0.00	64.85 0.45 0.00	56.86 -0.06 0.00	46.85 -0.28 0.00	45.94 1.25 0.00	45.96 1.30 0.00	45.33 0.05 0.00	48.25 -0.10 0.00	51.42 0.05 0.00	55.04 0.17 -0.02	68.96 0.00 -0.05	80.53 -0.32 0.00	76.53 -0.54 0.00	65.94 -0.41 1.59	57.61 -0.17 0.52	50.88 0.40 -0.08	44.34 0.31 -0.05	41.33 0.17 0.00
HARDSCRABBLE_WT_PWR 323673	45.83 2.22 0.00	39.98 1.90 0.00	38.47 1.83 0.00	37.85 1.77 0.00	37.84 1.77 0.00	44.88 2.14 0.00	63.06 3.00 0.00	67.49 3.09 0.00	59.53 2.62 0.00	49.25 2.12 0.00	46.70 2.01 0.00	46.68 2.01 0.00	47.23 1.95 0.00	50.28 1.94 0.00	53.43 2.06 0.00	57.05 2.20 0.00	71.52 2.62 0.00	83.84 2.99 0.00	79.92 2.85 0.00	70.38 2.44 0.00	60.22 1.92 0.00	52.17 1.76 0.00	45.48 1.50 0.00	42.56 1.40 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	46.36 2.75 0.00	40.36 2.28 0.00	38.88 2.24 0.00	38.21 2.13 0.00	38.16 2.09 0.00	45.44 2.69 0.00	64.08 4.02 0.00	68.77 4.38 0.00	61.41 4.50 0.00	51.23 4.10 0.00	48.39 3.71 0.00	48.47 3.80 0.00	49.27 3.99 0.00	52.60 4.25 0.00	55.94 4.57 0.00	60.07 4.55 -0.66	76.52 5.93 -1.69	88.29 7.44 0.00	83.62 6.55 0.00	73.58 5.64 0.00	65.66 4.84 -2.52	57.12 4.23 -2.48	49.30 3.74 -1.57	44.37 3.21 0.00
HARSNRAD_115KV_TB1 81005	40.17 -3.45 0.00	35.03 -3.05 0.00	33.45 -3.19 0.00	33.13 -2.96 0.00	33.01 -3.07 0.00	38.43 -4.32 0.00	53.27 -6.79 0.00	56.15 -8.24 0.00	48.82 -8.08 0.01	41.04 -6.08 0.01	39.22 -5.45 0.01	39.12 -5.54 0.01	39.66 -5.62 0.01	42.00 -6.33 0.01	44.06 -7.29 0.01	46.57 -7.73 0.55	59.14 -9.30 0.47	70.33 -10.51 0.01	68.35 -8.71 0.01	60.12 -7.81 0.01	50.97 -7.52 -0.19	43.59 -7.01 -0.19	38.47 -5.63 -0.12	36.96 -4.20 0.00
HARZA MOOSE___RIVER 24016	43.96 0.35 0.00	38.38 0.30 0.00	36.90 0.26 0.00	36.23 0.14 0.00	36.29 0.22 0.00	43.26 0.51 0.00	60.96 0.90 0.00	65.36 0.97 0.00	57.43 0.51 0.00	47.27 0.14 0.00	45.13 0.45 0.00	45.20 0.54 0.00	45.60 0.32 0.00	48.64 0.29 0.00	51.89 0.51 0.00	55.60 0.71 -0.03	70.07 1.10 -0.07	81.98 1.13 0.00	78.07 1.00 0.44	68.38 0.88 0.00	59.05 0.82 0.07	51.31 0.81 -0.10	44.53 0.48 -0.06	41.53 0.37 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	42.61 -1.00 0.00	37.24 -0.84 0.00	35.84 -0.81 0.00	35.33 -0.76 0.00	35.35 -0.72 0.00	41.76 -0.98 0.00	58.91 -1.14 0.00	63.17 -1.22 0.00	55.83 -1.08 0.00	46.28 -0.85 0.00	43.84 -0.85 0.00	43.91 -0.76 0.00	44.52 -0.77 0.00	47.58 -0.77 0.00	50.40 -0.98 0.00	53.89 -1.04 -0.07	67.78 -1.31 -0.18	79.48 -1.37 0.00	75.91 -1.16 0.00	66.85 -1.09 0.00	57.47 -1.11 -0.27	49.67 -1.01 -0.27	43.19 -0.97 -0.17	40.34 -0.82 0.00
HELLGATE_13_KV_LD 55870	47.06 3.45 0.00	41.00 2.93 0.00	39.39 2.75 0.00	38.75 2.67 0.00	38.63 2.56 0.00	45.95 3.21 0.00	64.20 4.14 0.00	68.89 4.51 0.01	61.87 4.95 0.00	52.12 5.00 0.00	49.24 4.56 0.00	49.36 4.69 0.00	50.18 4.89 0.00	53.38 5.03 0.00	56.66 5.29 0.00	60.59 5.05 -0.69	76.92 6.27 -1.74	88.60 7.76 0.01	83.77 6.71 0.01	73.78 5.84 0.01	65.93 5.01 -2.61	57.52 4.54 -2.58	50.06 4.44 -1.63	45.03 3.87 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	47.06 3.45 0.00	41.00 2.93 0.00	39.39 2.75 0.00	38.75 2.67 0.00	38.63 2.56 0.00	45.95 3.21 0.00	64.20 4.14 0.00	68.89 4.51 0.01	61.87 4.95 0.00	52.12 5.00 0.00	49.24 4.56 0.00	49.36 4.69 0.00	50.18 4.89 0.00	53.38 5.03 0.00	56.66 5.29 0.00	60.59 5.05 -0.69	76.92 6.27 -1.74	88.60 7.76 0.01	83.77 6.71 0.01	73.78 5.84 0.01	65.93 5.01 -2.61	57.52 4.54 -2.58	50.06 4.44 -1.63	45.03 3.87 0.00
HEMPSTEAD___ 23647	46.76 3.27 0.12	40.71 2.63 -0.01	38.91 2.27 0.00	38.44 2.34 -0.01	38.31 2.24 0.00	58.47 3.42 -12.30	61.74 4.74 3.06	64.07 4.18 4.51	59.86 5.23 2.29	60.65 5.09 -8.43	62.49 4.78 -13.02	59.89 4.91 -10.31	65.39 5.07 -15.03	63.37 5.41 -9.61	60.99 5.70 -3.92	80.13 5.27 -20.00	77.37 6.96 -1.51	87.35 8.49 1.99	79.90 7.40 4.57	76.33 6.79 -1.59	63.55 5.65 0.40	59.85 5.04 -4.41	55.90 4.53 -7.39	60.38 3.87 -15.35
HICKLING___1 23621	41.52 -2.09 0.00	36.40 -1.68 0.00	34.85 -1.80 0.00	34.39 -1.70 0.00	34.34 -1.73 0.00	40.35 -2.39 0.00	56.81 -3.24 0.00	60.40 -3.99 0.00	52.93 -3.93 0.05	43.73 -3.35 0.05	41.41 -3.22 0.05	41.40 -3.22 0.05	42.06 -3.17 0.05	44.96 -3.34 0.05	47.62 -3.70 0.05	48.41 -3.73 2.71	62.00 -4.20 2.70	76.03 -4.77 0.05	72.47 -4.55 0.05	63.74 -4.14 0.05	54.96 -3.21 0.13	46.85 -3.43 0.13	40.89 -2.99 0.10	38.77 -2.39 0.00
HICKLING___2 23622	41.52 -2.09 0.00	36.40 -1.68 0.00	34.85 -1.80 0.00	34.39 -1.70 0.00	34.34 -1.73 0.00	40.35 -2.39 0.00	56.81 -3.24 0.00	60.40 -3.99 0.00	52.93 -3.93 0.05	43.73 -3.35 0.05	41.41 -3.22 0.05	41.40 -3.22 0.05	42.06 -3.17 0.05	44.96 -3.34 0.05	47.62 -3.70 0.05	48.41 -3.73 2.71	62.00 -4.20 2.70	76.03 -4.77 0.05	72.47 -4.55 0.05	63.74 -4.14 0.05	54.96 -3.21 0.13	46.85 -3.43 0.13	40.89 -2.99 0.10	38.77 -2.39 0.00
HIGH FALLS___HY 23754	46.45 2.83 0.00	40.43 2.36 0.00	38.95 2.31 0.00	38.29 2.20 0.00	38.24 2.16 0.00	45.48 2.74 0.00	64.32 4.26 0.00	68.97 4.57 0.00	61.47 4.55 0.00	51.18 4.05 0.00	48.22 3.53 0.00	48.33 3.66 0.00	49.18 3.89 0.00	52.51 4.16 0.00	55.79 4.42 0.00	60.09 4.55 -0.68	76.64 5.99 -1.74	88.61 7.76 0.00	83.85 6.78 0.00	73.85 5.91 0.00	65.98 5.07 -2.60	57.35 4.39 -2.56	49.43 3.83 -1.62	44.45 3.29 0.00
HIGH_RIVER___SOLAR 323847	44.92 1.31 0.00	39.18 1.10 0.00	37.71 1.06 0.00	37.20 1.12 0.00	37.19 1.12 0.00	44.24 1.50 0.00	62.34 2.28 0.00	65.88 1.48 0.00	57.20 0.29 0.00	46.85 -0.28 0.00	44.46 -0.22 0.00	44.40 -0.27 0.00	45.02 -0.27 0.00	48.49 0.15 0.00	52.09 0.72 0.00	57.26 1.53 -0.87	73.74 2.62 -2.21	83.84 2.99 0.00	80.16 3.09 0.00	70.66 2.72 0.00	63.83 2.21 -3.31	55.53 1.87 -3.26	47.59 1.54 -2.07	42.44 1.28 0.00
HILLBURN___GT 23639	46.32 2.70 0.00	40.40 2.32 0.00	38.84 2.20 0.00	38.29 2.20 0.00	38.16 2.09 0.00	45.44 2.69 0.00	64.02 3.96 0.00	68.78 4.38 0.00	61.52 4.61 0.00	51.32 4.19 0.00	48.53 3.84 0.00	48.64 3.97 0.00	49.45 4.16 0.00	52.79 4.45 0.00	56.05 4.67 0.00	60.13 4.61 -0.67	76.53 5.93 -1.70	88.21 7.36 0.00	83.55 6.47 0.00	73.71 5.77 0.00	65.63 4.78 -2.55	57.09 4.18 -2.51	49.35 3.78 -1.59	44.37 3.21 0.00
HILLSIDE_115KV_TB1 80332	41.12 -2.49 0.00	36.02 -2.06 0.00	34.52 -2.13 0.00	34.06 -2.02 0.00	34.02 -2.06 0.00	39.97 -2.78 0.00	56.15 -3.90 0.00	59.57 -4.83 0.00	52.20 -4.67 0.05	43.21 -3.86 0.05	40.93 -3.71 0.05	40.91 -3.71 0.05	41.57 -3.67 0.05	44.38 -3.92 0.05	47.01 -4.32 0.05	48.00 -4.33 2.52	61.46 -4.96 2.49	75.14 -5.66 0.05	71.55 -5.47 0.05	63.00 -4.89 0.05	54.45 -3.79 0.06	46.41 -3.93 0.06	40.54 -3.39 0.06	38.36 -2.80 0.00

HISHELDN_WT_PWR 323625	40.21 -3.40 0.00	35.18 -2.90 0.00	33.68 -2.97 0.00	32.94 -3.14 0.00	33.04 -3.03 0.00	38.60 -4.15 0.00	53.63 -6.42 0.00	57.57 -6.83 0.00	49.92 -6.95 0.05	4.00 -5.99 37.14	3.96 -5.90 34.82	3.96 -5.90 34.81	4.00 -5.93 35.35	4.01 -6.28 38.05	4.01 -6.83 40.53	4.01 -7.13 43.72	59.16 -8.62 1.13	70.96 -9.87 0.02	68.34 -8.71 0.02	60.04 -7.88 0.02	51.52 -6.88 -0.10	44.15 -6.35 -0.09	38.80 -5.23 -0.05	36.96 -4.20 0.00
HOLTSVILLE_IC_1 23690	46.12 3.10 0.59	40.47 2.40 0.00	38.56 1.98 0.06	38.17 2.09 0.00	37.99 1.98 0.06	41.37 3.34 4.71	48.35 4.74 16.45	48.69 3.93 19.64	47.27 5.12 14.77	47.49 5.09 4.73	48.35 4.56 0.90	39.59 4.56 9.63	39.61 4.80 10.47	47.78 5.08 5.65	47.96 5.34 8.75	48.48 4.83 11.20	55.00 6.55 20.45	73.74 7.93 15.04	64.54 6.86 19.39	58.03 6.38 16.29	49.72 5.48 14.05	49.10 4.79 6.10	47.81 4.40 0.57	38.94 3.66 5.88
HOLTSVILLE_IC_10 23699	46.21 3.18 0.58	40.54 2.47 0.00	38.63 2.05 0.06	38.24 2.16 0.00	38.07 2.06 0.06	41.97 3.42 4.19	48.83 4.86 16.09	49.23 4.06 19.23	47.72 5.23 14.43	47.98 5.18 4.33	48.89 4.69 0.49	40.38 4.69 8.98	40.58 4.94 9.65	48.37 5.22 5.20	48.49 5.50 8.38	49.60 5.04 10.30	55.76 6.82 19.97	73.96 8.33 15.22	65.00 7.24 19.32	58.63 6.66 15.97	50.33 5.72 13.69	49.55 4.94 5.79	48.19 4.53 0.33	39.67 3.75 5.24
HOLTSVILLE_IC_2 23691	46.12 3.10 0.59	40.47 2.40 0.00	38.56 1.98 0.06	38.17 2.09 0.00	37.99 1.98 0.06	41.37 3.34 4.71	48.35 4.74 16.45	48.69 3.93 19.64	47.27 5.12 14.77	47.49 5.09 4.73	48.35 4.56 0.90	39.59 4.56 9.63	39.61 4.80 10.47	47.78 5.08 5.65	47.96 5.34 8.75	48.48 4.83 11.20	55.00 6.55 20.45	73.74 7.93 15.04	64.54 6.86 19.39	58.03 6.38 16.29	49.72 5.48 14.05	49.10 4.79 6.10	47.81 4.40 0.57	38.94 3.66 5.88
HOLTSVILLE_IC_3 23692	46.12 3.10 0.59	40.47 2.40 0.00	38.56 1.98 0.06	38.17 2.09 0.00	37.99 1.98 0.06	41.37 3.34 4.71	48.35 4.74 16.45	48.69 3.93 19.64	47.27 5.12 14.77	47.49 5.09 4.73	48.35 4.56 0.90	39.59 4.56 9.63	39.61 4.80 10.47	47.78 5.08 5.65	47.96 5.34 8.75	48.48 4.83 11.20	55.00 6.55 20.45	73.74 7.93 15.04	64.54 6.86 19.39	58.03 6.38 16.29	49.72 5.48 14.05	49.10 4.79 6.10	47.81 4.40 0.57	38.94 3.66 5.88
HOLTSVILLE_IC_4 23693	46.12 3.10 0.59	40.47 2.40 0.00	38.56 1.98 0.06	38.17 2.09 0.00	37.99 1.98 0.06	41.37 3.34 4.71	48.35 4.74 16.45	48.69 3.93 19.64	47.27 5.12 14.77	47.49 5.09 4.73	48.35 4.56 0.90	39.59 4.56 9.63	39.61 4.80 10.47	47.78 5.08 5.65	47.96 5.34 8.75	48.48 4.83 11.20	55.00 6.55 20.45	73.74 7.93 15.04	64.54 6.86 19.39	58.03 6.38 16.29	49.72 5.48 14.05	49.10 4.79 6.10	47.81 4.40 0.57	38.94 3.66 5.88
HOLTSVILLE_IC_5 23694	46.12 3.10 0.59	40.47 2.40 0.00	38.56 1.98 0.06	38.17 2.09 0.00	37.99 1.98 0.06	41.37 3.34 4.71	48.35 4.74 16.45	48.69 3.93 19.64	47.27 5.12 14.77	47.49 5.09 4.73	48.35 4.56 0.90	39.59 4.56 9.63	39.61 4.80 10.47	47.78 5.08 5.65	47.96 5.34 8.75	48.48 4.83 11.20	55.00 6.55 20.45	73.74 7.93 15.04	64.54 6.86 19.39	58.03 6.38 16.29	49.72 5.48 14.05	49.10 4.79 6.10	47.81 4.40 0.57	38.94 3.66 5.88
HOLTSVILLE_IC_6 23695	46.21 3.18 0.58	40.54 2.47 0.00	38.63 2.05 0.06	38.24 2.16 0.00	38.07 2.06 0.06	41.97 3.42 4.19	48.83 4.86 16.09	49.23 4.06 19.23	47.72 5.23 14.43	47.98 5.18 4.33	48.89 4.69 0.49	40.38 4.69 8.98	40.58 4.94 9.65	48.37 5.22 5.20	48.49 5.50 8.38	49.60 5.04 10.30	55.76 6.82 19.97	73.96 8.33 15.22	65.00 7.24 19.32	58.63 6.66 15.97	50.33 5.72 13.69	49.55 4.94 5.79	48.19 4.53 0.33	39.67 3.75 5.24
HOLTSVILLE_IC_7 23696	46.21 3.18 0.58	40.54 2.47 0.00	38.63 2.05 0.06	38.24 2.16 0.00	38.07 2.06 0.06	41.97 3.42 4.19	48.83 4.86 16.09	49.23 4.06 19.23	47.72 5.23 14.43	47.98 5.18 4.33	48.89 4.69 0.49	40.38 4.69 8.98	40.58 4.94 9.65	48.37 5.22 5.20	48.49 5.50 8.38	49.60 5.04 10.30	55.76 6.82 19.97	73.96 8.33 15.22	65.00 7.24 19.32	58.63 6.66 15.97	50.33 5.72 13.69	49.55 4.94 5.79	48.19 4.53 0.33	39.67 3.75 5.24
HOLTSVILLE_IC_8 23697	46.21 3.18 0.58	40.54 2.47 0.00	38.63 2.05 0.06	38.24 2.16 0.00	38.07 2.06 0.06	41.97 3.42 4.19	48.83 4.86 16.09	49.23 4.06 19.23	47.72 5.23 14.43	47.98 5.18 4.33	48.89 4.69 0.49	40.38 4.69 8.98	40.58 4.94 9.65	48.37 5.22 5.20	48.49 5.50 8.38	49.60 5.04 10.30	55.76 6.82 19.97	73.96 8.33 15.22	65.00 7.24 19.32	58.63 6.66 15.97	50.33 5.72 13.69	49.55 4.94 5.79	48.19 4.53 0.33	39.67 3.75 5.24
HOLTSVILLE_IC_9 23698	46.21 3.18 0.58	40.54 2.47 0.00	38.63 2.05 0.06	38.24 2.16 0.00	38.07 2.06 0.06	41.97 3.42 4.19	48.83 4.86 16.09	49.23 4.06 19.23	47.72 5.23 14.43	47.98 5.18 4.33	48.89 4.69 0.49	40.38 4.69 8.98	40.58 4.94 9.65	48.37 5.22 5.20	48.49 5.50 8.38	49.60 5.04 10.30	55.76 6.82 19.97	73.96 8.33 15.22	65.00 7.24 19.32	58.63 6.66 15.97	50.33 5.72 13.69	49.55 4.94 5.79	48.19 4.53 0.33	39.67 3.75 5.24
HOMER_HL_115KV_TB2 355744	40.38 -3.23 0.00	35.37 -2.70 0.00	33.89 -2.75 0.00	33.49 -2.60 0.00	33.40 -2.67 0.00	39.07 -3.68 0.00	54.59 -5.47 0.00	57.57 -6.83 0.00	52.06 -4.84 0.02	42.91 -4.19 0.02	40.91 -3.75 0.02	40.81 -3.84 0.02	41.64 -3.62 0.02	44.61 -3.72 0.02	47.35 -4.01 0.02	50.48 -3.51 0.86	63.78 -4.34 0.78	75.25 -5.58 0.02	70.66 -6.40 0.02	62.28 -5.64 0.02	55.21 -3.26 -0.18	46.70 -3.88 -0.17	40.66 -3.43 -0.10	37.91 -3.25 0.00
HOWARD_WT_PWR 323690	40.95 -2.66 0.00	35.83 -2.25 0.00	34.26 -2.38 0.00	33.56 -2.53 0.00	33.69 -2.38 0.00	39.58 -3.16 0.00	55.73 -4.32 0.00	59.82 -4.57 0.00	51.68 -5.18 0.06	42.50 -4.57 0.06	39.89 -4.74 0.06	39.83 -4.78 0.06	40.42 -4.80 0.06	43.31 -4.98 0.06	45.92 -5.39 0.06	46.22 -5.60 3.05	59.28 -7.03 2.59	72.88 -7.92 0.05	69.85 -7.17 0.05	61.43 -6.46 0.05	52.60 -5.54 0.16	45.00 -5.24 0.16	39.33 -4.53 0.12	37.38 -3.79 0.00
HQ_GEN_CEDARS 23644	44.53 0.92 0.00	38.87 0.80 0.00	37.27 0.62 0.00	36.70 0.61 0.00	36.65 0.58 0.00	43.73 0.98 0.00	61.08 1.02 0.00	65.55 1.16 0.00	57.65 0.74 0.00	47.55 0.42 0.00	48.22 3.53 0.00	48.20 3.53 0.00	45.83 0.54 0.00	48.83 0.48 0.00	51.83 0.46 0.00	55.35 0.49 0.00	69.39 0.48 0.00	81.17 0.32 0.00	76.99 -0.08 0.00	67.34 0.07 0.67	58.34 0.29 0.25	50.96 0.55 0.00	44.60 0.62 0.00	41.66 0.49 0.00
HQ_GEN_CEDARS_PROXY 323590	44.53 0.92 0.00	38.87 0.80 0.00	37.26 0.62 0.00	36.70 0.61 0.00	36.65 0.58 0.00	43.73 0.98 0.00	61.08 1.02 0.00	65.56 1.16 0.00	57.65 0.74 0.00	47.55 0.42 0.00	48.22 3.53 0.00	48.20 3.53 0.00	45.83 0.55 0.00	48.83 0.48 0.00	51.83 0.46 0.00	55.35 0.49 0.00	68.54 0.49 0.85	82.02 0.32 -0.85	76.99 -0.08 0.00	67.34 0.07 0.67	58.34 0.29 0.25	50.96 0.56 0.00	44.60 0.62 0.00	41.66 0.50 0.00

HQ_GEN_IMPORT 323601	43.83 0.22 0.00	38.26 0.19 0.00	36.75 0.11 0.00	36.19 0.11 0.00	36.18 0.11 0.00	42.96 0.21 0.00	60.18 0.12 0.00	64.52 0.13 0.00	56.97 0.06 0.00	47.13 0.00 0.00	44.73 0.04 0.00	44.67 0.00 0.00	45.29 0.00 0.00	48.30 -0.05 0.00	51.32 -0.05 0.00	54.80 -0.05 0.00	67.92 -0.14 0.85	81.46 -0.24 -0.85	76.76 -0.31 0.00	67.67 -0.27 0.00	58.18 -0.12 0.00	50.41 0.00 0.00	44.03 0.04 0.00	41.16 0.00 0.00
HQ_GEN_WHEEL 23651	43.83 0.22 0.00	38.26 0.19 0.00	36.75 0.11 0.00	36.19 0.11 0.00	36.18 0.11 0.00	42.96 0.21 0.00	60.18 0.12 0.00	64.52 0.13 0.00	56.97 0.06 0.00	47.13 0.00 0.00	44.73 0.04 0.00	44.67 0.00 0.00	45.29 0.00 0.00	48.30 -0.05 0.00	51.32 -0.05 0.00	54.80 -0.05 0.00	67.92 -0.14 0.85	81.46 -0.24 -0.85	76.76 -0.31 0.00	67.67 -0.27 0.00	58.18 -0.12 0.00	50.41 0.00 0.00	44.03 0.04 0.00	41.16 0.00 0.00
HUDSON AVE_GT_3 23810	46.66 3.05 0.00	40.66 2.59 0.00	39.10 2.46 0.00	38.43 2.35 0.00	38.38 2.31 0.00	45.74 2.99 0.00	64.38 4.32 0.00	69.22 4.83 0.00	62.15 5.24 0.00	52.08 4.95 0.00	49.20 4.51 0.00	49.31 4.65 0.00	50.09 4.80 0.00	53.38 5.03 0.00	56.71 5.34 0.00	60.81 5.27 -0.69	77.27 6.61 -1.75	89.02 8.17 0.00	84.16 7.09 0.00	74.12 6.18 0.00	66.23 5.31 -2.62	57.62 4.64 -2.58	49.84 4.22 -1.63	44.78 3.62 0.00
HUDSON AVE_GT_4 23540	46.66 3.05 0.00	40.66 2.59 0.00	39.10 2.46 0.00	38.43 2.35 0.00	38.38 2.31 0.00	45.74 2.99 0.00	64.38 4.32 0.00	69.22 4.83 0.00	62.15 5.24 0.00	52.08 4.95 0.00	49.20 4.51 0.00	49.31 4.65 0.00	50.09 4.80 0.00	53.38 5.03 0.00	56.71 5.34 0.00	60.81 5.27 -0.69	77.27 6.61 -1.75	89.02 8.17 0.00	84.16 7.09 0.00	74.12 6.18 0.00	66.23 5.31 -2.62	57.62 4.64 -2.58	49.84 4.22 -1.63	44.78 3.62 0.00
HUDSON AVE_GT_5 23657	46.66 3.05 0.00	40.66 2.59 0.00	39.10 2.46 0.00	38.43 2.35 0.00	38.38 2.31 0.00	45.74 2.99 0.00	64.38 4.32 0.00	69.22 4.83 0.00	62.15 5.24 0.00	52.08 4.95 0.00	49.20 4.51 0.00	49.31 4.65 0.00	50.09 4.80 0.00	53.38 5.03 0.00	56.71 5.34 0.00	60.81 5.27 -0.69	77.27 6.61 -1.75	89.02 8.17 0.00	84.16 7.09 0.00	74.12 6.18 0.00	66.23 5.31 -2.62	57.62 4.64 -2.58	49.84 4.22 -1.63	44.78 3.62 0.00
HUDSON_AVE_10 24168	46.58 2.97 0.00	40.55 2.47 0.00	39.02 2.38 0.00	38.36 2.27 0.00	38.27 2.20 0.00	45.65 2.91 0.00	64.26 4.20 0.00	69.10 4.70 0.00	62.04 5.12 0.00	51.98 4.85 0.00	49.11 4.42 0.00	49.22 4.56 0.00	50.00 4.71 0.00	53.33 4.98 0.00	56.66 5.29 0.00	60.70 5.16 -0.69	77.20 6.55 -1.75	88.85 8.00 0.00	84.08 7.01 0.00	74.06 6.11 0.00	66.11 5.19 -2.62	57.57 4.59 -2.58	49.80 4.18 -1.63	44.70 3.54 0.00
HUDSON___115KV_TB 4 355613	45.57 1.96 0.00	39.71 1.64 0.00	38.29 1.65 0.00	37.74 1.66 0.00	37.73 1.66 0.00	44.63 1.88 0.00	63.06 3.00 0.00	67.42 3.03 0.00	59.42 2.50 0.00	48.82 1.70 0.00	46.21 1.52 0.00	46.05 1.38 0.00	46.69 1.40 0.00	50.09 1.74 0.00	53.43 2.05 0.00	58.10 2.47 -0.78	74.26 3.38 -1.98	85.13 4.29 0.00	81.23 4.16 0.00	71.54 3.60 0.00	64.42 3.15 -2.97	55.90 2.57 -2.92	48.03 2.20 -1.85	43.10 1.93 0.00
HUNTER MOUNT___DRP 323613	45.57 1.96 0.00	39.71 1.64 0.00	38.33 1.69 0.00	37.78 1.70 0.00	37.77 1.70 0.00	44.63 1.88 0.00	63.18 3.12 0.00	67.49 3.09 0.00	59.36 2.45 0.00	48.64 1.51 0.00	45.98 1.30 0.00	45.87 1.21 0.00	46.46 1.18 0.00	49.90 1.55 0.00	53.27 1.90 0.00	57.98 2.36 -0.77	74.23 3.38 -1.95	85.22 4.37 0.00	81.39 4.32 0.00	71.54 3.60 0.00	64.37 3.15 -2.92	55.90 2.62 -2.88	48.01 2.20 -1.82	43.14 1.98 0.00
HUNTINGTON_RES_REC 323705	46.22 3.18 0.57	40.54 2.47 0.00	38.67 2.09 0.06	38.25 2.16 0.00	38.07 2.06 0.06	42.20 3.42 3.97	48.73 4.56 15.89	49.06 3.67 19.00	47.73 5.06 14.25	48.01 5.05 4.16	48.99 4.60 0.30	33.95 4.73 15.45	34.51 4.94 15.72	48.67 5.32 4.99	48.66 5.50 8.21	49.87 4.88 9.87	54.95 6.62 20.57	69.87 8.01 18.98	62.55 7.01 21.53	57.34 6.46 17.06	50.25 5.48 13.53	49.65 4.89 5.65	48.33 4.57 0.22	39.99 3.78 4.96
HUNTLEY___63 23557	40.08 -3.53 0.00	35.37 -2.70 0.00	33.75 -2.89 0.00	33.45 -2.63 0.00	33.29 -2.78 0.00	38.77 -3.98 0.00	53.39 -6.67 0.00	56.28 -8.11 0.00	49.10 -7.80 0.01	41.27 -5.84 0.01	39.44 -5.23 0.01	39.34 -5.32 0.01	39.88 -5.39 0.01	42.24 -6.09 0.01	44.37 -6.99 0.01	46.91 -7.35 0.59	59.64 -8.75 0.51	70.73 -10.11 0.01	68.66 -8.40 0.01	60.32 -7.61 0.01	51.26 -7.23 -0.19	43.84 -6.75 -0.19	38.73 -5.37 -0.11	37.09 -4.08 0.00
HUNTLEY___64 23558	40.08 -3.53 0.00	35.37 -2.70 0.00	33.75 -2.89 0.00	33.45 -2.63 0.00	33.29 -2.78 0.00	38.77 -3.98 0.00	53.39 -6.67 0.00	56.28 -8.11 0.00	49.10 -7.80 0.01	41.27 -5.84 0.01	39.44 -5.23 0.01	39.34 -5.32 0.01	39.88 -5.39 0.01	42.24 -6.09 0.01	44.37 -6.99 0.01	46.91 -7.35 0.59	59.64 -8.75 0.51	70.73 -10.11 0.01	68.66 -8.40 0.01	60.32 -7.61 0.01	51.26 -7.23 -0.19	43.84 -6.75 -0.19	38.73 -5.37 -0.11	37.09 -4.08 0.00
HUNTLEY___65 23559	40.08 -3.53 0.00	35.37 -2.70 0.00	33.75 -2.89 0.00	33.45 -2.63 0.00	33.29 -2.78 0.00	38.77 -3.98 0.00	53.39 -6.67 0.00	56.28 -8.11 0.00	49.10 -7.80 0.01	41.27 -5.84 0.01	39.44 -5.23 0.01	39.34 -5.32 0.01	39.88 -5.39 0.01	42.24 -6.09 0.01	44.37 -6.99 0.01	46.91 -7.35 0.59	59.64 -8.75 0.51	70.73 -10.11 0.01	68.66 -8.40 0.01	60.32 -7.61 0.01	51.26 -7.23 -0.19	43.84 -6.75 -0.19	38.73 -5.37 -0.11	37.09 -4.08 0.00
HUNTLEY___66 23560	40.08 -3.53 0.00	35.37 -2.70 0.00	33.75 -2.89 0.00	33.45 -2.63 0.00	33.29 -2.78 0.00	38.77 -3.98 0.00	53.39 -6.67 0.00	56.28 -8.11 0.00	49.10 -7.80 0.01	41.27 -5.84 0.01	39.44 -5.23 0.01	39.34 -5.32 0.01	39.88 -5.39 0.01	42.24 -6.09 0.01	44.37 -6.99 0.01	46.91 -7.35 0.59	59.64 -8.75 0.51	70.73 -10.11 0.01	68.66 -8.40 0.01	60.32 -7.61 0.01	51.26 -7.23 -0.19	43.84 -6.75 -0.19	38.73 -5.37 -0.11	37.09 -4.08 0.00
HUNTLEY___67 23561	39.99 -3.62 0.00	35.18 -2.89 0.00	33.56 -3.08 0.00	33.27 -2.81 0.00	33.11 -2.96 0.00	38.56 -4.19 0.00	53.39 -6.67 0.00	56.35 -8.05 0.00	49.22 -7.68 0.01	41.32 -5.80 0.01	39.44 -5.23 0.01	39.34 -5.32 0.01	39.88 -5.39 0.01	42.29 -6.04 0.01	44.42 -6.94 0.01	47.00 -7.24 0.61	59.34 -9.03 0.53	70.73 -10.11 0.01	68.58 -8.48 0.01	60.32 -7.61 0.01	51.38 -7.11 -0.19	43.89 -6.70 -0.19	38.73 -5.37 -0.11	37.05 -4.12 0.00
HUNTLEY___68 23562	39.99 -3.62 0.00	35.18 -2.89 0.00	33.56 -3.08 0.00	33.27 -2.81 0.00	33.11 -2.96 0.00	38.56 -4.19 0.00	53.39 -6.67 0.00	56.35 -8.05 0.00	49.22 -7.68 0.01	41.32 -5.80 0.01	39.44 -5.23 0.01	39.34 -5.32 0.01	39.88 -5.39 0.01	42.29 -6.04 0.01	44.42 -6.94 0.01	47.00 -7.24 0.61	59.34 -9.03 0.53	70.73 -10.11 0.01	68.58 -8.48 0.01	60.32 -7.61 0.01	51.38 -7.11 -0.19	43.89 -6.70 -0.19	38.73 -5.37 -0.11	37.05 -4.12 0.00

HYLAND___LFGE 323620	42.74 -0.87 0.00	37.35 -0.72 0.00	35.76 -0.88 0.00	35.07 -1.01 0.00	35.39 -0.69 0.00	41.51 -1.24 0.00	59.03 -1.02 0.00	63.11 -1.29 0.00	54.09 -2.79 0.04	44.17 -2.92 0.04	41.57 -3.08 0.04	41.19 -3.44 0.04	41.49 -3.76 0.04	44.44 -3.87 0.04	47.18 -4.16 0.04	49.28 -3.84 1.74	63.98 -3.59 1.34	78.23 -2.59 0.03	76.04 -1.00 0.03	66.56 -1.36 0.03	56.89 -1.46 -0.04	48.53 -1.92 -0.04	41.93 -2.07 -0.02	39.97 -1.20 0.00
INDECK___CORINTH 23802	44.96 1.35 0.00	39.25 1.18 0.00	37.78 1.14 0.00	37.31 1.23 0.00	37.26 1.19 0.00	44.24 1.50 0.00	62.16 2.10 0.00	66.52 2.12 0.00	58.39 1.48 0.00	47.79 0.66 0.00	45.40 0.71 0.00	45.16 0.49 0.00	45.65 0.36 0.00	49.17 0.82 0.00	52.55 1.18 0.00	57.32 1.64 -0.82	73.39 2.41 -2.08	83.60 2.75 0.00	79.92 2.85 0.00	70.46 2.52 0.00	63.57 2.16 -3.11	55.13 1.66 -3.06	47.37 1.45 -1.94	42.48 1.32 0.00
INDECK___ILION 23567	44.88 1.26 0.00	39.18 1.10 0.00	37.71 1.06 0.00	37.09 1.01 0.00	37.08 1.01 0.00	43.99 1.24 0.00	61.86 1.80 0.00	66.26 1.87 0.00	58.51 1.59 0.00	48.40 1.27 0.00	45.89 1.21 0.00	45.87 1.21 0.00	46.51 1.22 0.00	49.56 1.21 0.00	52.71 1.34 0.00	56.34 1.48 0.00	70.70 1.79 0.00	82.87 2.02 0.00	79.00 1.93 0.00	69.57 1.63 0.00	59.64 1.34 0.00	51.62 1.21 0.00	44.99 1.01 0.00	42.11 0.95 0.00
INDECK___OLEAN 23982	40.38 -3.23 0.00	35.37 -2.70 0.00	33.89 -2.75 0.00	33.20 -2.89 0.00	33.37 -2.71 0.00	39.11 -3.63 0.00	54.53 -5.52 0.00	57.63 -6.76 0.00	52.06 -4.84 0.02	42.87 -4.24 0.02	40.69 -3.98 0.02	40.81 -3.84 0.02	41.74 -3.53 0.02	44.80 -3.53 0.02	47.96 -3.39 0.02	50.54 -3.45 0.86	63.69 -4.34 0.88	75.25 -5.58 0.02	70.50 -6.55 0.02	62.96 -4.96 0.02	55.01 -3.44 -0.15	46.72 -3.83 -0.15	40.59 -3.48 -0.09	37.91 -3.25 0.00
INDECK___OSWEGO 23783	42.17 -1.44 0.00	36.85 -1.22 0.00	35.47 -1.17 0.00	34.93 -1.16 0.00	34.99 -1.08 0.00	41.34 -1.41 0.00	58.26 -1.80 0.00	62.47 -1.93 0.00	55.15 -1.76 0.00	45.72 -1.41 0.00	43.35 -1.34 0.00	43.37 -1.30 0.00	43.93 -1.36 0.00	46.90 -1.45 0.00	49.78 -1.59 0.00	53.27 -1.64 -0.06	66.99 -2.07 -0.15	78.50 -2.35 0.00	75.07 -2.00 0.00	66.04 -1.90 0.00	56.83 -1.69 -0.22	49.12 -1.51 -0.22	42.71 -1.41 -0.14	39.93 -1.23 0.00
INDECK___YERKES 23781	40.08 -3.53 0.00	35.10 -2.97 0.00	33.78 -2.86 0.00	33.05 -3.03 0.00	33.26 -2.81 0.00	38.81 -3.93 0.00	53.33 -6.73 0.00	56.28 -8.12 0.00	49.16 -7.74 0.01	41.22 -5.89 0.01	39.62 -5.05 0.01	39.34 -5.32 0.01	39.70 -5.57 0.01	42.05 -6.28 0.01	44.32 -7.04 0.01	47.02 -7.24 0.59	59.49 -8.75 0.67	70.73 -10.11 0.02	68.66 -8.40 0.02	59.91 -8.02 0.02	51.10 -7.35 -0.15	43.85 -6.70 -0.15	38.75 -5.32 -0.09	37.13 -4.03 0.00
INDIAN POINT_GT_1 24139	46.23 2.62 0.00	40.28 2.21 0.00	38.77 2.13 0.00	38.14 2.06 0.00	38.09 2.02 0.00	45.35 2.61 0.00	63.84 3.78 0.00	68.58 4.19 0.00	61.35 4.44 0.00	51.27 4.15 0.00	48.48 3.80 0.00	48.55 3.89 0.00	49.36 4.08 0.00	52.65 4.30 0.00	55.94 4.57 0.00	60.04 4.50 -0.68	76.36 5.72 -1.74	87.96 7.11 0.00	83.31 6.24 0.00	73.38 5.44 0.00	65.50 4.61 -2.60	57.04 4.08 -2.56	49.25 3.65 -1.62	44.29 3.13 0.00
INDIAN POINT_GT_2 23659	46.23 2.62 0.00	40.28 2.21 0.00	38.77 2.13 0.00	38.14 2.06 0.00	38.09 2.02 0.00	45.35 2.61 0.00	63.84 3.78 0.00	68.58 4.19 0.00	61.35 4.44 0.00	51.27 4.15 0.00	48.48 3.80 0.00	48.55 3.89 0.00	49.36 4.08 0.00	52.65 4.30 0.00	55.94 4.57 0.00	60.04 4.50 -0.68	76.36 5.72 -1.74	87.96 7.11 0.00	83.31 6.24 0.00	73.38 5.44 0.00	65.50 4.61 -2.60	57.04 4.08 -2.56	49.25 3.65 -1.62	44.29 3.13 0.00
INDIAN POINT_GT_3 24019	46.23 2.62 0.00	40.28 2.21 0.00	38.77 2.13 0.00	38.14 2.06 0.00	38.09 2.02 0.00	45.35 2.61 0.00	63.84 3.78 0.00	68.58 4.19 0.00	61.35 4.44 0.00	51.27 4.15 0.00	48.48 3.80 0.00	48.55 3.89 0.00	49.36 4.08 0.00	52.65 4.30 0.00	55.94 4.57 0.00	60.04 4.50 -0.68	76.36 5.72 -1.74	87.96 7.11 0.00	83.31 6.24 0.00	73.38 5.44 0.00	65.50 4.61 -2.60	57.04 4.08 -2.56	49.25 3.65 -1.62	44.29 3.13 0.00
INDIAN POINT___2 23530	46.23 2.62 0.00	40.28 2.21 0.00	38.77 2.12 0.00	38.21 2.13 0.00	38.09 2.02 0.00	45.35 2.61 0.00	63.84 3.79 0.00	68.58 4.18 0.00	61.36 4.44 0.00	51.18 4.05 0.00	48.44 3.75 0.00	48.55 3.88 0.00	49.31 4.03 0.00	52.70 4.35 0.00	55.94 4.57 0.00	59.97 4.44 -0.67	76.34 5.72 -1.72	87.88 7.03 0.00	83.31 6.24 0.00	73.44 5.50 0.00	65.42 4.55 -2.57	56.97 4.03 -2.53	49.23 3.65 -1.60	44.25 3.09 0.00
INDIAN POINT___3 23531	46.23 2.62 0.00	40.28 2.21 0.00	38.77 2.13 0.00	38.14 2.06 0.00	38.09 2.02 0.00	45.35 2.61 0.00	63.84 3.78 0.00	68.58 4.19 0.00	61.35 4.44 0.00	51.27 4.15 0.00	48.48 3.80 0.00	48.55 3.89 0.00	49.32 4.03 0.00	52.65 4.30 0.00	55.94 4.57 0.00	60.04 4.50 -0.68	76.36 5.72 -1.74	87.88 7.03 0.00	83.31 6.24 0.00	73.38 5.44 0.00	65.51 4.61 -2.60	57.05 4.08 -2.56	49.26 3.65 -1.62	44.29 3.13 0.00
INGHAM_C_115KV_TB7 356103	46.40 2.79 0.00	40.51 2.44 0.00	38.95 2.31 0.00	38.32 2.24 0.00	38.31 2.24 0.00	45.44 2.69 0.00	63.84 3.78 0.00	68.26 3.86 0.00	60.22 3.30 0.00	49.86 2.73 0.00	47.23 2.55 0.00	47.26 2.59 0.00	47.82 2.54 0.00	50.91 2.56 0.00	54.15 2.77 0.00	57.82 2.96 0.00	72.49 3.58 0.00	84.97 4.12 0.00	81.00 3.93 0.00	71.27 3.33 0.00	61.10 2.80 0.00	52.93 2.52 0.00	46.09 2.11 0.00	43.18 2.02 0.00
IP CORINTH___1 23988	45.22 1.61 0.00	39.44 1.37 0.00	37.96 1.32 0.00	37.46 1.37 0.00	37.44 1.37 0.00	44.50 1.75 0.00	62.52 2.46 0.00	66.91 2.51 0.00	58.68 1.76 0.00	48.02 0.90 0.00	45.71 1.03 0.00	45.38 0.71 0.00	45.87 0.59 0.00	49.41 1.06 0.00	52.81 1.44 0.00	57.59 1.92 -0.82	73.74 2.76 -2.08	84.00 3.15 0.00	80.38 3.31 0.00	70.73 2.79 0.00	63.92 2.51 -3.11	55.43 1.97 -3.06	47.64 1.72 -1.94	42.68 1.52 0.00
IP___TICONDEROGA 23804	46.93 3.31 0.00	40.97 2.89 0.00	39.39 2.75 0.00	38.90 2.81 0.00	38.85 2.78 0.00	46.25 3.51 0.00	65.28 5.22 0.00	69.74 5.34 0.00	60.67 3.76 0.00	49.30 2.17 0.00	47.01 2.32 0.00	46.50 1.83 0.00	46.92 1.63 0.00	50.77 2.42 0.00	54.40 3.03 0.00	59.46 3.79 -0.82	76.42 5.44 -2.08	87.32 6.47 0.00	83.78 6.71 0.00	73.65 5.71 0.00	66.30 4.90 -3.11	57.40 3.93 -3.06	49.26 3.34 -1.94	44.17 3.00 0.00
ISLIP_RES_REC 323679	46.31 3.27 0.57	40.69 2.63 0.00	38.71 2.12 0.06	38.39 2.31 0.00	38.21 2.20 0.06	42.45 3.55 3.84	49.31 5.10 15.84	49.75 4.32 18.96	48.18 5.46 14.20	48.43 5.37 4.07	49.39 4.92 0.21	41.67 4.91 7.91	41.91 5.12 8.49	48.91 5.46 4.90	48.99 5.75 8.14	50.43 5.27 9.69	56.58 7.23 19.56	74.61 8.73 14.98	65.65 7.63 19.05	59.37 7.07 15.64	50.87 6.01 13.44	50.01 5.19 5.59	48.53 4.71 0.16	40.19 3.83 4.80

JAMAICA__27_KV_LOAD 355505	46.75 3.14 0.00	40.70 2.63 0.00	39.13 2.49 0.00	38.47 2.38 0.00	38.38 2.31 0.00	45.82 3.08 0.00	64.62 4.56 0.00	69.55 5.15 0.00	62.38 5.46 0.00	52.26 5.14 0.00	49.33 4.65 0.00	49.45 4.78 0.00	50.27 4.98 0.00	53.57 5.22 0.00	56.92 5.55 0.00	60.98 5.43 -0.69	77.62 6.96 -1.75	89.42 8.57 0.00	84.62 7.55 0.00	74.53 6.59 0.00	66.52 5.60 -2.62	57.93 4.94 -2.58	50.06 4.44 -1.63	44.91 3.75 0.00
JANIS__SOLAR 323808	44.44 0.83 0.00	38.79 0.72 0.00	37.30 0.66 0.00	36.59 0.50 0.00	36.69 0.61 0.00	43.73 0.98 0.00	61.98 1.92 0.00	66.13 1.74 0.00	57.85 0.91 -0.03	47.44 0.28 -0.03	44.67 -0.04 -0.03	44.79 0.09 -0.03	45.59 0.27 -0.03	48.76 0.38 -0.03	52.07 0.67 -0.03	57.64 1.04 -1.75	73.27 2.07 -2.30	83.71 2.83 -0.03	79.80 2.70 -0.03	70.21 2.24 -0.03	61.43 1.87 -1.26	52.96 1.31 -1.24	45.62 0.83 -0.80	41.98 0.82 0.00
JARVIS____ 23743	43.79 0.18 0.00	38.23 0.15 0.00	36.83 0.18 0.00	36.23 0.14 0.00	36.22 0.14 0.00	42.92 0.17 0.00	60.36 0.30 0.00	64.72 0.32 0.00	57.20 0.29 0.00	47.36 0.24 0.00	44.91 0.22 0.00	44.89 0.22 0.00	45.56 0.27 0.00	48.64 0.29 0.00	51.68 0.31 0.00	55.24 0.39 0.00	69.39 0.49 0.00	81.42 0.57 0.00	77.61 0.54 0.00	68.42 0.48 0.00	58.71 0.41 0.00	50.71 0.30 0.00	44.25 0.27 0.00	41.37 0.21 0.00
JENNISON____1 23625	44.70 1.09 0.00	39.03 0.95 0.00	37.52 0.88 0.00	36.84 0.76 0.00	36.90 0.83 0.00	43.99 1.24 0.00	62.22 2.16 0.00	66.71 2.32 0.00	58.69 1.76 -0.01	48.45 1.32 -0.01	45.76 1.07 -0.01	45.88 1.21 -0.01	46.74 1.45 -0.01	49.90 1.55 -0.01	53.23 1.85 -0.01	57.67 2.19 -0.62	73.19 3.17 -1.12	84.90 4.04 -0.01	80.62 3.55 -0.01	71.00 3.06 -0.01	62.22 2.68 -1.23	53.48 1.87 -1.21	46.12 1.36 -0.77	42.40 1.23 0.00
JENNISON____2 23626	44.70 1.09 0.00	39.03 0.95 0.00	37.52 0.88 0.00	36.84 0.76 0.00	36.90 0.83 0.00	43.99 1.24 0.00	62.22 2.16 0.00	66.71 2.32 0.00	58.69 1.76 -0.01	48.45 1.32 -0.01	45.76 1.07 -0.01	45.88 1.21 -0.01	46.74 1.45 -0.01	49.90 1.55 -0.01	53.23 1.85 -0.01	57.67 2.19 -0.62	73.19 3.17 -1.12	84.90 4.04 -0.01	80.62 3.55 -0.01	71.00 3.06 -0.01	62.22 2.68 -1.23	53.48 1.87 -1.21	46.12 1.36 -0.77	42.40 1.23 0.00
JERICOHO_RISE_WT_PWR 323719	43.83 0.22 0.00	38.15 0.08 0.00	36.50 -0.15 0.00	35.87 -0.22 0.00	35.82 -0.25 0.00	42.66 -0.09 0.00	59.21 -0.84 0.00	63.43 -0.96 0.00	55.89 -1.02 0.00	46.23 -0.90 0.00	44.02 -0.67 0.00	43.87 -0.80 0.00	44.29 -1.00 0.00	47.14 -1.21 0.00	50.09 -1.28 0.00	53.38 -1.48 0.00	66.90 -2.00 0.00	78.26 -2.59 0.00	74.14 -2.93 0.00	52.29 -2.44 13.21	51.43 -1.92 4.95	49.05 -1.36 0.00	43.02 -0.97 0.00	40.13 -1.03 0.00
KATONAH__115KV_46KV_TB4 355592	46.36 2.75 0.00	40.40 2.32 0.00	38.91 2.27 0.00	38.29 2.20 0.00	38.20 2.13 0.00	45.48 2.74 0.00	64.08 4.02 0.00	68.77 4.38 0.00	61.58 4.67 0.00	51.42 4.29 0.00	48.62 3.93 0.00	48.73 4.06 0.00	49.54 4.26 0.00	52.85 4.50 0.00	56.20 4.83 0.00	60.32 4.77 -0.69	76.73 6.06 -1.76	88.29 7.44 0.00	83.54 6.47 0.00	73.65 5.71 0.00	65.72 4.78 -2.64	57.23 4.23 -2.59	49.41 3.78 -1.64	44.41 3.25 0.00
KCE_NY_1 323755	45.58 1.96 0.00	39.75 1.67 0.00	38.29 1.65 0.00	37.78 1.70 0.00	37.73 1.66 0.00	44.76 2.01 0.00	63.00 2.94 0.00	67.42 3.03 0.00	59.36 2.45 0.00	48.73 1.60 0.00	46.21 1.52 0.00	46.05 1.39 0.00	46.64 1.36 0.00	50.09 1.74 0.00	53.48 2.11 0.00	58.20 2.52 -0.81	74.35 3.38 -2.07	84.81 3.96 0.00	81.08 4.01 0.00	71.47 3.53 0.00	64.38 2.97 -3.10	55.88 2.42 -3.05	47.99 2.07 -1.94	43.06 1.89 0.00
KCE_NY_6_ESR 323823	40.29 -3.32 0.00	35.26 -2.82 0.00	33.75 -2.90 0.00	33.02 -3.07 0.00	33.19 -2.89 0.00	38.81 -3.93 0.00	53.75 -6.30 0.00	56.67 -7.73 0.00	49.84 -7.06 0.01	41.70 -5.42 0.01	39.93 -4.74 0.01	39.74 -4.91 0.01	40.24 -5.03 0.01	42.73 -5.61 0.01	45.24 -6.11 0.01	47.93 -6.26 0.67	60.28 -7.86 0.77	71.94 -8.89 0.02	69.12 -7.94 0.02	60.72 -7.20 0.02	52.15 -6.30 -0.14	44.60 -5.95 -0.14	39.23 -4.84 -0.08	37.33 -3.83 0.00
KEDC_PORT_JEFF_GT2 24210	46.21 3.18 0.58	40.54 2.47 0.00	38.63 2.05 0.06	38.21 2.13 0.00	38.07 2.06 0.06	41.79 3.42 4.38	48.70 4.86 16.21	49.08 4.06 19.37	47.60 5.23 14.55	47.83 5.18 4.48	48.70 4.65 0.63	39.41 4.69 9.94	39.54 4.89 10.64	48.21 5.22 5.36	48.36 5.50 8.51	49.23 4.99 10.62	55.50 6.82 20.23	73.55 8.25 15.55	64.65 7.17 19.58	58.38 6.66 16.22	50.13 5.65 13.82	49.45 4.94 5.90	48.10 4.53 0.41	39.44 3.75 5.47
KEDC_PORT_JEFF_GT3 24211	46.21 3.18 0.58	40.54 2.47 0.00	38.63 2.05 0.06	38.21 2.13 0.00	38.07 2.06 0.06	41.79 3.42 4.38	48.70 4.86 16.21	49.08 4.06 19.37	47.60 5.23 14.55	47.83 5.18 4.48	48.70 4.65 0.63	39.41 4.69 9.94	39.54 4.89 10.64	48.21 5.22 5.36	48.36 5.50 8.51	49.23 4.99 10.62	55.50 6.82 20.23	73.55 8.25 15.55	64.65 7.17 19.58	58.38 6.66 16.22	50.13 5.65 13.82	49.45 4.94 5.90	48.10 4.53 0.41	39.44 3.75 5.47
KEDC_GLWD_GT4 24219	46.86 3.31 0.07	40.79 2.70 -0.01	39.10 2.46 0.00	38.55 2.45 -0.01	38.45 2.38 0.00	55.68 3.42 -9.51	63.22 4.81 1.64	66.44 4.64 2.60	61.13 5.35 1.14	58.84 5.14 -6.58	60.84 4.78 -11.37	58.66 4.91 -9.08	62.44 5.12 -12.04	62.53 5.46 -8.72	60.40 5.70 -3.33	78.50 5.38 -18.26	79.40 7.10 -3.39	88.77 8.57 0.65	82.05 7.56 2.58	77.57 6.86 -2.77	65.12 5.72 -1.10	59.77 5.04 -4.32	54.60 4.53 -6.09	56.91 3.87 -11.88
KEDC_GLWD_GT5 24220	46.86 3.31 0.07	40.79 2.70 -0.01	39.10 2.46 0.00	38.55 2.45 -0.01	38.45 2.38 0.00	55.68 3.42 -9.51	63.22 4.81 1.64	66.44 4.64 2.60	61.13 5.35 1.14	58.84 5.14 -6.58	60.84 4.78 -11.37	58.66 4.91 -9.08	62.44 5.12 -12.04	62.53 5.46 -8.72	60.40 5.70 -3.33	78.50 5.38 -18.26	79.40 7.10 -3.39	88.77 8.57 0.65	82.05 7.56 2.58	77.57 6.86 -2.77	65.12 5.72 -1.10	59.77 5.04 -4.32	54.60 4.53 -6.09	56.91 3.87 -11.88
KENSICO____ 23655	46.31 2.70 0.00	40.36 2.28 0.00	38.84 2.20 0.00	38.18 2.09 0.00	38.13 2.06 0.00	45.44 2.69 0.00	63.96 3.90 0.00	68.71 4.31 0.00	61.53 4.61 0.00	51.42 4.29 0.00	48.62 3.93 0.00	48.73 4.06 0.00	49.50 4.21 0.00	52.80 4.45 0.00	56.10 4.73 0.00	60.20 4.66 -0.68	76.57 5.93 -1.74	88.13 7.28 0.00	83.47 6.40 0.00	73.51 5.57 0.00	65.63 4.72 -2.61	57.16 4.18 -2.57	49.35 3.74 -1.63	44.37 3.21 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	46.40 2.79 0.00	40.40 2.32 0.00	38.91 2.27 0.00	38.25 2.17 0.00	38.24 2.16 0.00	45.44 2.69 0.00	64.26 4.20 0.00	68.97 4.57 0.00	61.41 4.50 0.00	51.04 3.91 0.00	48.13 3.44 0.00	48.24 3.57 0.00	49.04 3.76 0.00	52.41 4.06 0.00	55.74 4.37 0.00	60.01 4.50 -0.66	76.58 5.99 -1.68	88.53 7.68 0.00	83.85 6.78 0.00	73.78 5.84 0.00	65.88 5.07 -2.51	57.21 4.33 -2.47	49.33 3.78 -1.56	44.41 3.25 0.00

KIAC_JFK_GT1 23816	46.66 3.05 0.00	40.59 2.51 0.00	39.02 2.38 0.00	38.36 2.27 0.00	38.31 2.24 0.00	45.74 2.99 0.00	64.44 4.38 0.00	69.35 4.96 0.00	62.27 5.35 0.00	52.12 5.00 0.00	49.20 4.51 0.00	49.36 4.69 0.00	50.13 4.85 0.00	53.43 5.08 0.00	56.77 5.39 0.00	60.81 5.27 -0.69	77.41 6.75 -1.75	89.18 8.33 0.00	84.32 7.24 0.00	74.26 6.32 0.00	66.29 5.36 -2.62	57.77 4.79 -2.58	49.93 4.31 -1.63	44.78 3.62 0.00
KIAC_JFK_GT2 23817	46.66 3.05 0.00	40.59 2.51 0.00	39.02 2.38 0.00	38.36 2.27 0.00	38.31 2.24 0.00	45.74 2.99 0.00	64.44 4.38 0.00	69.35 4.96 0.00	62.27 5.35 0.00	52.12 5.00 0.00	49.20 4.51 0.00	49.36 4.69 0.00	50.13 4.85 0.00	53.43 5.08 0.00	56.77 5.39 0.00	60.81 5.27 -0.69	77.41 6.75 -1.75	89.18 8.33 0.00	84.32 7.24 0.00	74.26 6.32 0.00	66.29 5.36 -2.62	57.77 4.79 -2.58	49.93 4.31 -1.63	44.78 3.62 0.00
KIAC_JFK____ 323774	46.66 3.05 0.00	40.62 2.55 0.00	39.02 2.38 0.00	38.47 2.38 0.00	38.31 2.24 0.00	45.74 2.99 0.00	64.44 4.38 0.00	69.35 4.96 0.00	62.26 5.35 0.00	52.07 4.95 0.00	49.20 4.51 0.00	49.36 4.69 0.00	50.13 4.85 0.00	53.52 5.18 0.00	56.81 5.44 0.00	60.87 5.32 -0.69	77.41 6.76 -1.75	89.18 8.33 0.00	84.31 7.24 0.00	74.40 6.46 0.00	66.28 5.36 -2.62	57.78 4.79 -2.58	49.93 4.31 -1.63	44.78 3.62 0.00
KINTIGH__24_KV_GSU 356498	40.43 -3.18 0.00	35.41 -2.67 0.00	33.97 -2.67 0.00	33.27 -2.81 0.00	33.44 -2.63 0.00	39.16 -3.59 0.00	54.35 -5.71 0.00	57.63 -6.76 0.00	49.96 -6.95 0.01	41.98 -5.14 0.01	40.21 -4.47 0.01	39.92 -4.74 0.01	40.25 -5.03 0.01	42.54 -5.80 0.01	44.73 -6.63 0.01	47.49 -6.91 0.46	59.88 -8.55 0.48	71.62 -9.22 0.01	69.89 -7.17 0.01	60.73 -7.20 0.01	51.58 -6.88 -0.16	44.41 -6.15 -0.15	39.11 -4.97 -0.09	37.58 -3.58 0.00
KINTIGH____ 23543	40.43 -3.18 0.00	35.52 -2.55 0.00	33.93 -2.71 0.00	33.63 -2.45 0.00	33.51 -2.56 0.00	39.11 -3.63 0.00	54.41 -5.65 0.00	57.63 -6.76 0.00	49.96 -6.94 0.01	41.98 -5.14 0.01	40.07 -4.60 0.01	39.97 -4.69 0.01	40.48 -4.80 0.01	42.83 -5.51 0.01	44.99 -6.37 0.01	47.49 -6.91 0.46	59.98 -8.54 0.38	71.62 -9.22 0.01	69.89 -7.17 0.01	61.41 -6.52 0.01	51.72 -6.76 -0.18	44.44 -6.15 -0.18	39.12 -4.97 -0.11	37.58 -3.58 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	44.40 0.78 0.00	38.68 0.61 0.00	36.97 0.33 0.00	36.34 0.25 0.00	36.29 0.22 0.00	43.26 0.51 0.00	59.58 -0.48 0.00	63.82 -0.58 0.00	56.12 -0.80 0.00	46.42 -0.71 0.00	44.15 -0.54 0.00	44.00 -0.67 0.00	44.47 -0.82 0.00	47.28 -1.06 0.00	50.29 -1.08 0.00	53.43 -1.43 0.00	67.04 -1.86 0.00	78.50 -2.34 0.00	74.14 -2.93 0.00	51.50 -2.38 14.06	51.22 -1.81 5.27	49.25 -1.16 0.00	43.32 -0.66 0.00	40.42 -0.74 0.00
LACHUTE____HYDRO 323717	46.92 3.31 0.00	40.97 2.89 0.00	39.39 2.75 0.00	38.93 2.85 0.00	38.85 2.78 0.00	46.25 3.51 0.00	65.28 5.22 0.00	69.74 5.34 0.00	60.67 3.76 0.00	49.34 2.22 0.00	46.87 2.19 0.00	46.50 1.83 0.00	46.96 1.68 0.00	50.81 2.46 0.00	54.40 3.03 0.00	59.45 3.78 -0.82	76.42 5.44 -2.08	87.32 6.47 0.00	83.77 6.70 0.00	73.71 5.77 0.00	66.24 4.84 -3.11	57.40 3.93 -3.06	49.26 3.34 -1.94	44.17 3.00 0.00
LAWRNCV_115KV_TB1 80681	44.57 0.96 0.00	38.91 0.84 0.00	37.27 0.62 0.00	36.66 0.58 0.00	36.65 0.58 0.00	43.77 1.03 0.00	61.02 0.96 0.00	65.49 1.09 0.00	57.54 0.63 0.00	47.36 0.24 0.00	47.41 2.73 0.00	47.39 2.72 0.00	45.78 0.50 0.00	48.74 0.39 0.00	51.78 0.41 0.00	55.36 0.49 -0.01	69.27 0.34 -0.02	80.69 -0.16 0.00	76.53 -0.54 0.00	65.73 -0.27 1.94	57.61 0.00 0.69	50.95 0.50 -0.04	44.62 0.62 -0.02	41.66 0.49 0.00
LEDERLE____ 23769	46.45 2.83 0.00	40.43 2.36 0.00	38.95 2.31 0.00	38.32 2.24 0.00	38.27 2.20 0.00	45.57 2.82 0.00	64.20 4.14 0.00	68.97 4.57 0.00	61.70 4.78 0.00	51.51 4.38 0.00	48.66 3.98 0.00	48.78 4.11 0.00	49.54 4.26 0.00	52.89 4.54 0.00	56.20 4.83 0.00	60.30 4.77 -0.67	76.75 6.13 -1.72	88.53 7.68 0.00	83.85 6.78 0.00	73.78 5.84 0.00	65.88 5.01 -2.57	57.32 4.39 -2.53	49.45 3.87 -1.60	44.50 3.33 0.00
LIGHTHSE_115KV_TB6 355974	42.74 -0.87 0.00	37.35 -0.72 0.00	35.91 -0.73 0.00	35.33 -0.76 0.00	35.39 -0.69 0.00	41.89 -0.85 0.00	59.15 -0.90 0.00	63.43 -0.97 0.00	55.78 -1.14 0.00	46.14 -0.99 0.00	43.84 -0.85 0.00	43.86 -0.80 0.00	44.38 -0.91 0.00	47.38 -0.97 0.00	50.34 -1.03 0.00	53.98 -0.93 -0.05	67.94 -1.10 -0.14	79.64 -1.21 0.00	76.15 -0.92 0.00	66.83 -0.88 0.23	57.54 -0.87 -0.12	49.90 -0.71 -0.20	43.32 -0.79 -0.13	40.42 -0.74 0.00
LINDEN COGEN____ 23786	45.54 2.75 0.82	40.47 2.40 0.00	38.88 2.24 0.00	38.32 2.24 0.00	38.20 2.13 0.00	45.52 2.78 0.00	64.08 4.02 0.00	68.90 4.51 0.00	62.04 5.12 0.00	51.89 4.76 0.00	49.07 4.38 0.00	49.23 4.56 0.00	50.00 4.71 0.00	53.38 5.03 0.00	56.61 5.24 0.00	60.59 5.04 -0.69	77.06 6.41 -1.75	88.69 7.84 0.00	83.85 6.78 0.00	73.99 6.04 0.00	65.99 5.07 -2.62	57.47 4.48 -2.58	49.71 4.09 -1.63	44.62 3.46 0.00
LINDHRST_69_KV_BK1 356055	46.88 3.66 0.39	41.05 2.97 0.00	39.06 2.46 0.04	38.69 2.60 0.00	38.56 2.53 0.04	50.35 3.85 -3.76	54.69 5.28 10.65	55.88 4.64 13.15	53.33 5.75 9.33	54.39 5.51 -1.75	55.78 5.27 -5.82	53.54 5.36 -3.51	56.25 5.48 -5.48	55.72 5.85 -1.52	54.69 6.11 2.80	64.43 6.14 -3.43	66.04 7.79 10.65	80.89 9.30 9.26	72.27 8.17 12.97	67.20 7.47 8.22	56.50 6.35 8.15	54.90 5.75 1.26	52.21 4.84 -3.39	50.13 4.28 -4.69
LIPA_MISC_IPP 23656	45.85 2.83 0.59	40.16 2.09 0.00	38.30 1.72 0.06	37.81 1.73 0.00	37.71 1.70 0.06	41.19 3.08 4.64	47.98 4.32 16.40	48.36 3.54 19.58	46.97 4.78 14.72	47.12 4.67 4.67	48.14 4.29 0.84	39.39 4.29 9.56	39.35 4.44 10.38	47.41 4.64 5.58	47.61 4.93 8.70	48.78 4.99 11.07	54.72 6.20 20.38	73.21 7.44 15.07	64.08 6.40 19.38	57.53 5.84 16.25	49.37 5.07 14.00	48.84 4.49 6.05	47.28 3.83 0.53	38.79 3.42 5.79
LISF____SOLAR 323691	45.86 2.83 0.59	40.24 2.17 0.00	38.34 1.76 0.06	37.92 1.84 0.00	37.78 1.77 0.06	41.32 3.12 4.54	48.17 4.44 16.33	48.56 3.67 19.50	47.09 4.84 14.66	47.34 4.81 4.60	48.26 4.33 0.76	39.52 4.29 9.44	39.55 4.48 10.22	47.64 4.79 5.50	47.78 5.04 8.63	48.45 4.50 10.91	54.81 6.20 20.30	73.34 7.60 15.11	64.25 6.55 19.37	57.87 6.12 16.19	49.55 5.19 13.93	48.95 4.54 6.00	47.63 4.13 0.49	38.87 3.38 5.67
LITTLE FALLS____HYD 24013	46.40 2.79 0.00	40.51 2.44 0.00	38.95 2.31 0.00	38.32 2.24 0.00	38.31 2.24 0.00	45.44 2.69 0.00	63.84 3.78 0.00	68.26 3.86 0.00	60.22 3.30 0.00	49.86 2.73 0.00	47.23 2.55 0.00	47.26 2.59 0.00	47.82 2.54 0.00	50.91 2.56 0.00	54.15 2.77 0.00	57.82 2.96 0.00	72.49 3.58 0.00	84.97 4.12 0.00	81.00 3.93 0.00	71.27 3.33 0.00	61.10 2.80 0.00	52.93 2.52 0.00	46.09 2.11 0.00	43.18 2.02 0.00

LITTLRIV_115KV_TB1 356100	45.05 1.44 0.00	39.33 1.26 0.00	37.67 1.03 0.00	37.02 0.94 0.00	37.01 0.94 0.00	44.33 1.58 0.00	61.86 1.80 0.00	66.33 1.93 0.00	58.05 1.14 0.00	47.65 0.52 0.00	46.96 2.28 0.00	46.95 2.28 0.00	46.06 0.77 0.00	49.03 0.68 0.00	52.14 0.77 0.00	55.80 0.93 -0.01	69.96 1.03 -0.03	81.66 0.81 0.00	77.46 0.39 0.00	66.33 0.54 2.15	58.23 0.70 0.77	51.60 1.16 -0.04	45.11 1.10 -0.02	42.07 0.91 0.00
LI_NEWBRDGE___DRP 323616	46.31 3.36 0.66	40.66 2.59 0.01	38.84 2.27 0.07	38.31 2.24 0.01	38.20 2.20 0.07	38.94 3.55 7.36	46.58 4.86 18.34	46.76 4.12 21.75	45.73 5.35 16.54	45.55 5.18 6.76	46.50 4.83 3.02	46.02 5.00 3.65	44.56 5.12 5.84	45.84 5.42 7.92	46.43 5.70 10.64	44.77 5.76 15.85	52.79 7.10 23.21	74.09 8.41 15.17	64.06 7.40 20.41	56.30 6.66 18.30	48.06 5.71 15.95	47.86 5.09 7.64	46.62 4.44 1.81	35.97 3.99 9.18
LOCKPORT_115KV_TB60_63_64 80432	40.21 -3.40 0.00	35.03 -3.05 0.00	33.42 -3.22 0.00	33.13 -2.96 0.00	32.97 -3.10 0.00	38.39 -4.36 0.00	53.27 -6.79 0.00	56.15 -8.24 0.00	48.82 -8.08 0.01	41.04 -6.08 0.01	39.22 -5.45 0.01	39.12 -5.54 0.01	39.66 -5.62 0.01	42.00 -6.33 0.01	44.06 -7.29 0.01	46.58 -7.73 0.54	59.28 -9.16 0.46	70.41 -10.43 0.01	68.43 -8.63 0.01	60.12 -7.81 0.01	50.97 -7.52 -0.19	43.59 -7.01 -0.19	38.47 -5.63 -0.11	36.96 -4.20 0.00
LOCKPORT___CC1 323769	40.16 -3.45 0.00	35.18 -2.90 0.00	33.45 -3.19 0.00	32.73 -3.35 0.00	32.93 -3.14 0.00	38.47 -4.27 0.00	53.21 -6.85 0.00	56.09 -8.31 0.00	48.82 -8.08 0.01	40.99 -6.13 0.01	39.36 -5.32 0.01	39.07 -5.59 0.01	39.43 -5.84 0.01	41.71 -6.62 0.01	43.91 -7.45 0.01	46.63 -7.68 0.55	58.98 -9.30 0.62	70.25 -10.59 0.01	68.35 -8.71 0.01	59.50 -8.43 0.01	50.75 -7.70 -0.15	43.55 -7.00 -0.15	38.44 -5.63 -0.09	36.96 -4.20 0.00
LOCKPORT___CC2 323770	40.16 -3.45 0.00	35.18 -2.90 0.00	33.45 -3.19 0.00	32.73 -3.35 0.00	32.93 -3.14 0.00	38.47 -4.27 0.00	53.21 -6.85 0.00	56.09 -8.31 0.00	48.82 -8.08 0.01	40.99 -6.13 0.01	39.36 -5.32 0.01	39.07 -5.59 0.01	39.43 -5.84 0.01	41.71 -6.62 0.01	43.91 -7.45 0.01	46.63 -7.68 0.55	58.98 -9.30 0.62	70.25 -10.59 0.01	68.35 -8.71 0.01	59.50 -8.43 0.01	50.75 -7.70 -0.15	43.55 -7.00 -0.15	38.44 -5.63 -0.09	36.96 -4.20 0.00
LOCKPORT___CC3 323771	40.16 -3.45 0.00	35.18 -2.90 0.00	33.45 -3.19 0.00	32.73 -3.35 0.00	32.93 -3.14 0.00	38.47 -4.27 0.00	53.21 -6.85 0.00	56.09 -8.31 0.00	48.82 -8.08 0.01	40.99 -6.13 0.01	39.36 -5.32 0.01	39.07 -5.59 0.01	39.43 -5.84 0.01	41.71 -6.62 0.01	43.91 -7.45 0.01	46.63 -7.68 0.55	58.98 -9.30 0.62	70.25 -10.59 0.01	68.35 -8.71 0.01	59.50 -8.43 0.01	50.75 -7.70 -0.15	43.55 -7.00 -0.15	38.44 -5.63 -0.09	36.96 -4.20 0.00
LOCUSVLY_69_KV_BK2 55797	46.86 3.45 0.19	40.82 2.74 -0.01	39.08 2.46 0.01	38.51 2.42 -0.01	38.44 2.38 0.01	52.87 3.59 -6.53	59.75 4.86 5.17	62.15 4.44 6.69	58.01 5.46 4.37	56.53 5.23 -4.17	58.37 4.96 -8.72	56.46 5.09 -6.70	59.42 5.25 -8.88	59.43 5.56 -5.52	57.85 5.86 -0.62	72.41 5.87 -11.68	73.98 7.23 2.16	85.86 8.73 3.72	78.30 7.63 6.40	73.22 6.86 1.58	61.62 5.83 2.51	57.54 5.19 -1.94	53.20 4.53 -4.69	53.35 4.03 -8.15
LONG_LAKE_PHOENIX 24014	42.26 -1.35 0.00	36.93 -1.14 0.00	35.54 -1.10 0.00	35.04 -1.05 0.00	35.06 -1.01 0.00	41.42 -1.33 0.00	58.43 -1.62 0.00	62.66 -1.74 0.00	55.32 -1.59 0.00	45.86 -1.27 0.00	43.43 -1.25 0.00	43.51 -1.16 0.00	44.06 -1.22 0.00	47.09 -1.26 0.00	49.93 -1.44 0.00	53.44 -1.48 -0.06	67.20 -1.86 -0.15	78.83 -2.02 0.00	75.30 -1.77 0.00	66.31 -1.63 0.00	56.95 -1.57 -0.23	49.17 -1.46 -0.22	42.76 -1.36 -0.14	40.01 -1.15 0.00
LOVETT___3 23632	46.23 2.62 0.00	40.28 2.21 0.00	38.80 2.16 0.00	38.14 2.06 0.00	38.09 2.02 0.00	45.35 2.61 0.00	63.84 3.78 0.00	68.58 4.19 0.00	61.41 4.50 0.00	51.32 4.19 0.00	48.48 3.80 0.00	48.60 3.93 0.00	49.36 4.08 0.00	52.65 4.30 0.00	55.94 4.57 0.00	60.03 4.50 -0.68	76.41 5.79 -1.72	87.96 7.11 0.00	83.31 6.24 0.00	73.38 5.44 0.00	65.48 4.61 -2.58	57.02 4.08 -2.54	49.24 3.65 -1.61	44.29 3.13 0.00
LOVETT___4 23642	46.23 2.62 0.00	40.28 2.21 0.00	38.80 2.16 0.00	38.14 2.06 0.00	38.09 2.02 0.00	45.35 2.61 0.00	63.84 3.78 0.00	68.58 4.19 0.00	61.41 4.50 0.00	51.32 4.19 0.00	48.48 3.80 0.00	48.60 3.93 0.00	49.36 4.08 0.00	52.65 4.30 0.00	55.94 4.57 0.00	60.03 4.50 -0.68	76.41 5.79 -1.72	87.96 7.11 0.00	83.31 6.24 0.00	73.38 5.44 0.00	65.48 4.61 -2.58	57.02 4.08 -2.54	49.24 3.65 -1.61	44.29 3.13 0.00
LOVETT___5 23593	46.23 2.62 0.00	40.28 2.21 0.00	38.80 2.16 0.00	38.14 2.06 0.00	38.09 2.02 0.00	45.35 2.61 0.00	63.84 3.78 0.00	68.58 4.19 0.00	61.41 4.50 0.00	51.32 4.19 0.00	48.48 3.80 0.00	48.60 3.93 0.00	49.36 4.08 0.00	52.65 4.30 0.00	55.94 4.57 0.00	60.03 4.50 -0.68	76.41 5.79 -1.72	87.96 7.11 0.00	83.31 6.24 0.00	73.38 5.44 0.00	65.48 4.61 -2.58	57.02 4.08 -2.54	49.24 3.65 -1.61	44.29 3.13 0.00
LOWER RAQUET___HYD 24057	44.57 0.96 0.00	38.91 0.84 0.00	37.30 0.66 0.00	36.70 0.61 0.00	36.65 0.58 0.00	43.82 1.07 0.00	61.01 0.96 0.00	65.49 1.09 0.00	57.48 0.57 0.00	47.32 0.19 0.00	47.19 2.50 0.00	47.17 2.50 0.00	45.74 0.45 0.00	48.73 0.38 0.00	51.78 0.41 0.00	55.36 0.49 -0.01	69.21 0.28 -0.03	80.61 -0.24 0.00	76.38 -0.70 0.00	65.19 -0.41 2.35	57.35 -0.12 0.84	50.95 0.50 -0.04	44.62 0.62 -0.03	41.66 0.50 0.00
LOWER___HUDSON 24059	45.27 1.66 0.00	39.48 1.41 0.00	38.03 1.39 0.00	37.53 1.44 0.00	37.48 1.41 0.00	44.37 1.62 0.00	62.46 2.40 0.00	66.97 2.58 0.00	59.25 2.33 0.00	48.78 1.65 0.00	46.21 1.52 0.00	46.14 1.47 0.00	46.69 1.41 0.00	49.99 1.64 0.00	53.27 1.90 0.00	57.96 2.30 -0.80	73.84 2.89 -2.04	84.24 3.40 0.00	80.54 3.47 0.00	71.07 3.13 0.00	63.99 2.63 -3.06	55.53 2.12 -3.01	47.69 1.80 -1.91	42.81 1.65 0.00
LOWVILLE_115KV_TB2 356335	43.74 0.13 0.00	38.19 0.11 0.00	36.68 0.04 0.00	36.01 -0.07 0.00	36.07 0.00 0.00	43.00 0.26 0.00	60.66 0.60 0.00	65.04 0.64 0.00	56.97 0.06 0.00	46.84 -0.28 0.00	44.95 0.27 0.00	45.03 0.36 0.00	45.24 -0.05 0.00	48.25 -0.10 0.00	51.47 0.10 0.00	55.16 0.27 -0.03	69.53 0.55 -0.07	81.42 0.57 0.00	77.53 0.46 0.00	67.75 0.48 0.67	58.56 0.41 0.15	51.11 0.60 -0.10	44.31 0.26 -0.07	41.33 0.16 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	45.57 1.96 0.00	39.75 1.68 0.00	38.29 1.65 0.00	37.71 1.62 0.00	37.70 1.62 0.00	44.76 2.01 0.00	62.94 2.88 0.00	67.36 2.96 0.00	59.31 2.39 0.00	48.68 1.56 0.00	46.25 1.56 0.00	46.05 1.38 0.00	46.55 1.27 0.00	50.04 1.69 0.00	53.43 2.05 0.00	58.19 2.52 -0.81	74.35 3.38 -2.07	84.73 3.88 0.00	81.00 3.93 0.00	71.27 3.33 0.00	64.32 2.92 -3.10	55.83 2.37 -3.05	47.99 2.07 -1.94	43.01 1.85 0.00

LUTHERNY_35_KV_BK2 355980	45.57 1.96 0.00	39.75 1.68 0.00	38.29 1.65 0.00	37.74 1.66 0.00	37.73 1.66 0.00	44.76 2.01 0.00	63.00 2.94 0.00	67.42 3.03 0.00	59.36 2.45 0.00	48.73 1.60 0.00	46.29 1.61 0.00	46.05 1.38 0.00	46.60 1.31 0.00	50.09 1.74 0.00	53.48 2.11 0.00	58.19 2.52 -0.81	74.35 3.38 -2.07	84.81 3.96 0.00	81.08 4.01 0.00	71.34 3.40 0.00	64.38 2.97 -3.10	55.88 2.42 -3.05	47.99 2.07 -1.94	43.06 1.89 0.00
LWR___OSWEGATCHIE_HYD 23850	44.00 0.39 0.00	38.42 0.34 0.00	36.86 0.22 0.00	36.19 0.11 0.00	36.22 0.14 0.00	43.13 0.38 0.00	60.48 0.42 0.00	64.85 0.45 0.00	56.86 -0.06 0.00	46.84 -0.28 0.00	45.94 1.25 0.00	45.96 1.30 0.00	45.33 0.05 0.00	48.25 -0.10 0.00	51.42 0.05 0.00	55.04 0.16 -0.02	68.96 0.00 -0.05	80.53 -0.32 0.00	76.53 -0.54 0.00	65.94 -0.41 1.59	57.61 -0.17 0.52	50.89 0.40 -0.08	44.34 0.31 -0.05	41.33 0.16 0.00
LYONS_FALL_HYD 23570	43.96 0.35 0.00	38.38 0.30 0.00	36.90 0.26 0.00	36.23 0.14 0.00	36.29 0.22 0.00	43.26 0.51 0.00	60.96 0.90 0.00	65.36 0.97 0.00	57.43 0.51 0.00	47.27 0.14 0.00	45.13 0.45 0.00	45.21 0.54 0.00	45.61 0.32 0.00	48.64 0.29 0.00	51.89 0.51 0.00	55.60 0.71 -0.03	70.07 1.10 -0.07	81.98 1.13 0.00	78.07 1.00 0.00	68.38 0.88 0.44	59.05 0.82 0.07	51.31 0.80 -0.10	44.53 0.48 -0.06	41.53 0.37 0.00
MADISON___COUNTY_LFGE 323628	44.22 0.61 0.00	38.64 0.57 0.00	37.19 0.55 0.00	36.55 0.47 0.00	36.61 0.54 0.00	43.56 0.81 0.00	61.50 1.44 0.00	65.88 1.48 0.00	58.05 1.14 0.00	47.88 0.75 0.00	45.36 0.67 0.00	45.43 0.76 0.00	46.15 0.86 0.00	49.22 0.87 0.00	52.45 1.08 0.00	56.22 1.32 -0.05	70.81 1.79 -0.12	82.87 2.02 0.00	79.00 1.93 0.00	69.57 1.63 0.00	59.81 1.34 -0.17	51.69 1.11 -0.17	44.84 0.75 -0.11	41.86 0.70 0.00
MALONE___115KV_TB1 356076	44.35 0.74 0.00	38.68 0.61 0.00	36.97 0.33 0.00	36.37 0.29 0.00	36.29 0.22 0.00	43.39 0.64 0.00	60.36 0.30 0.00	64.78 0.39 0.00	56.97 0.06 0.00	46.94 -0.19 0.00	45.27 0.58 0.00	45.12 0.45 0.00	45.10 -0.18 0.00	47.96 -0.39 0.00	50.96 -0.41 0.00	54.36 -0.49 0.00	68.08 -0.83 0.00	79.64 -1.21 0.00	75.30 -1.77 0.00	56.10 -1.36 10.48	53.44 -0.93 3.93	50.00 -0.40 0.00	43.81 -0.18 0.00	40.87 -0.29 0.00
MAPLEWOD_115KV_TB3 80458	45.27 1.66 0.00	39.48 1.41 0.00	38.07 1.43 0.00	37.49 1.41 0.00	37.52 1.44 0.00	44.37 1.62 0.00	62.46 2.40 0.00	66.91 2.51 0.00	59.25 2.33 0.00	48.87 1.74 0.00	46.38 1.70 0.00	46.23 1.56 0.00	46.78 1.49 0.00	50.14 1.79 0.00	53.43 2.05 0.00	58.07 2.41 -0.80	73.97 3.03 -2.03	84.33 3.48 0.00	80.54 3.47 0.00	70.93 2.99 0.00	63.96 2.62 -3.04	55.56 2.17 -2.99	47.72 1.85 -1.89	42.85 1.69 0.00
MAPLE_RIDGE_WT_1 323574	42.56 -1.05 0.00	37.08 -0.99 0.00	35.65 -0.99 0.00	35.07 -1.01 0.00	35.03 -1.05 0.00	41.55 -1.20 0.00	58.31 -1.74 0.00	62.66 -1.74 0.00	55.43 -1.48 0.00	45.90 -1.23 0.00	43.57 -1.12 0.00	43.51 -1.16 0.00	44.07 -1.22 0.00	47.00 -1.35 0.00	49.93 -1.44 0.00	53.32 -1.54 0.00	66.98 -1.93 0.00	78.59 -2.26 0.00	74.83 -2.24 0.00	66.04 -1.90 0.00	56.73 -1.57 0.00	49.05 -1.36 0.00	42.84 -1.14 0.00	40.01 -1.15 0.00
MAPLE_RIDGE_WT_2 323611	42.56 -1.05 0.00	37.08 -0.99 0.00	35.65 -0.99 0.00	35.07 -1.01 0.00	35.03 -1.05 0.00	41.55 -1.20 0.00	58.31 -1.74 0.00	62.66 -1.74 0.00	55.43 -1.48 0.00	45.90 -1.23 0.00	43.57 -1.12 0.00	43.51 -1.16 0.00	44.07 -1.22 0.00	47.00 -1.35 0.00	49.93 -1.44 0.00	53.32 -1.54 0.00	66.98 -1.93 0.00	78.59 -2.26 0.00	74.83 -2.24 0.00	66.04 -1.90 0.00	56.73 -1.57 0.00	49.05 -1.36 0.00	42.84 -1.14 0.00	40.01 -1.15 0.00
MARBLE_RIVER_WT_PWR 323696	43.87 0.26 0.00	38.19 0.11 0.00	36.53 -0.11 0.00	35.94 -0.14 0.00	35.86 -0.22 0.00	42.66 -0.09 0.00	59.09 -0.96 0.00	63.30 -1.10 0.00	55.78 -1.14 0.00	46.19 -0.94 0.00	43.88 -0.80 0.00	43.78 -0.89 0.00	44.25 -1.04 0.00	47.09 -1.26 0.00	50.04 -1.34 0.00	53.26 -1.59 0.00	66.77 -2.14 0.00	78.10 -2.75 0.00	73.99 -3.09 0.00	50.91 -2.65 14.38	50.82 -2.10 5.39	48.94 -1.46 0.00	42.93 -1.06 0.00	40.09 -1.07 0.00
MARSHVLE_115KV_TB1 80742	44.22 0.61 0.00	38.57 0.49 0.00	37.12 0.48 0.00	36.59 0.51 0.00	36.61 0.54 0.00	43.64 0.90 0.00	61.44 1.38 0.00	64.85 0.45 0.00	55.89 -1.02 0.00	45.62 -1.51 0.00	43.57 -1.12 0.00	43.51 -1.16 0.00	44.20 -1.09 0.00	47.77 -0.58 0.00	51.47 0.10 0.00	56.71 0.93 -0.92	73.25 2.00 -2.35	82.63 1.78 0.00	79.00 1.93 0.00	69.50 1.56 0.00	63.10 1.28 -3.52	55.08 1.21 -3.46	47.10 0.92 -2.19	41.78 0.62 0.00
MARSH_HILL_WT_PWR 323713	41.04 -2.57 0.00	35.86 -2.21 0.00	34.34 -2.31 0.00	33.63 -2.45 0.00	33.76 -2.31 0.00	39.63 -3.12 0.00	55.85 -4.21 0.00	59.95 -4.44 0.00	51.62 -5.24 0.06	42.45 -4.62 0.06	39.89 -4.74 0.06	39.83 -4.78 0.06	40.47 -4.75 0.06	43.36 -4.93 0.06	45.92 -5.39 0.06	46.39 -5.54 2.93	59.50 -6.96 2.45	72.96 -7.84 0.05	69.93 -7.09 0.05	61.50 -6.39 0.05	52.69 -5.48 0.13	45.09 -5.19 0.13	39.40 -4.49 0.10	37.42 -3.75 0.00
MCINTYRE_115KV_TB2 80467	45.22 1.61 0.00	39.52 1.45 0.00	37.81 1.17 0.00	37.17 1.08 0.00	37.15 1.08 0.00	44.54 1.80 0.00	62.28 2.22 0.00	66.71 2.32 0.00	58.28 1.37 0.00	47.79 0.66 0.00	46.43 1.74 0.00	46.41 1.74 0.00	46.10 0.82 0.00	49.07 0.73 0.00	52.19 0.82 0.00	55.84 0.99 0.00	70.21 1.31 0.00	82.22 1.37 0.00	78.07 1.00 0.00	67.19 1.09 1.84	58.84 1.22 0.69	51.87 1.46 0.00	45.30 1.32 0.00	42.27 1.11 0.00
MECO_____69_KV_BK1 80468	45.36 1.74 0.00	39.60 1.52 0.00	38.07 1.43 0.00	37.56 1.48 0.00	37.55 1.48 0.00	44.80 2.05 0.00	63.18 3.12 0.00	66.84 2.45 0.00	57.60 0.68 0.00	46.80 -0.33 0.00	44.46 -0.22 0.00	44.27 -0.40 0.00	44.92 -0.36 0.00	48.64 0.29 0.00	52.45 1.08 0.00	57.83 2.08 -0.89	74.75 3.58 -2.27	84.81 3.96 0.00	81.16 4.08 0.00	71.41 3.47 0.00	64.55 2.86 -3.39	56.21 2.47 -3.34	48.08 1.98 -2.12	42.81 1.65 0.00
MENANDS___115KV_TB5 355628	45.18 1.57 0.00	39.37 1.29 0.00	38.00 1.36 0.00	37.42 1.34 0.00	37.44 1.37 0.00	44.29 1.54 0.00	62.34 2.28 0.00	66.78 2.38 0.00	59.19 2.28 0.00	48.82 1.70 0.00	46.34 1.65 0.00	46.19 1.52 0.00	46.73 1.45 0.00	50.09 1.74 0.00	53.38 2.00 0.00	57.96 2.30 -0.80	73.75 2.83 -2.03	84.16 3.31 0.00	80.31 3.24 0.00	70.73 2.79 0.00	63.84 2.51 -3.03	55.45 2.07 -2.98	47.63 1.76 -1.89	42.77 1.61 0.00
MG INDUSTRY___DRP 24185	45.14 1.53 0.00	39.37 1.29 0.00	37.96 1.32 0.00	37.42 1.34 0.00	37.41 1.33 0.00	44.24 1.50 0.00	62.22 2.16 0.00	66.58 2.19 0.00	58.85 1.94 0.00	48.54 1.41 0.00	46.03 1.34 0.00	45.96 1.30 0.00	46.55 1.27 0.00	49.90 1.55 0.00	53.17 1.80 0.00	57.72 2.08 -0.78	73.58 2.69 -1.99	84.00 3.15 0.00	80.15 3.08 0.00	70.59 2.65 0.00	63.61 2.33 -2.98	55.30 1.97 -2.93	47.55 1.72 -1.86	42.73 1.56 0.00

MID___OSWEGATCHIE_HYD 23849	44.00 0.39 0.00	38.42 0.34 0.00	36.86 0.22 0.00	36.19 0.11 0.00	36.22 0.14 0.00	43.13 0.38 0.00	60.48 0.42 0.00	64.85 0.45 0.00	56.86 -0.06 0.00	46.84 -0.28 0.00	45.94 1.25 0.00	45.96 1.30 0.00	45.33 0.05 0.00	48.25 -0.10 0.00	51.42 0.05 0.00	55.04 0.16 -0.02	68.96 0.00 -0.05	80.53 -0.32 0.00	76.53 -0.54 0.00	65.94 -0.41 1.59	57.61 -0.17 0.52	50.89 0.40 -0.08	44.34 0.31 -0.05	41.33 0.16 0.00
MID___RAQUETTE_HYD 23851	44.57 0.96 0.00	38.91 0.84 0.00	37.30 0.66 0.00	36.66 0.58 0.00	36.65 0.58 0.00	43.82 1.07 0.00	61.02 0.96 0.00	65.49 1.09 0.00	57.48 0.57 0.00	47.32 0.19 0.00	47.19 2.50 0.00	47.17 2.50 0.00	45.74 0.45 0.00	48.74 0.39 0.00	51.78 0.41 0.00	55.36 0.49 -0.01	69.21 0.28 -0.03	80.61 -0.24 0.00	76.38 -0.69 0.00	65.18 -0.41 2.35	57.34 -0.12 0.84	50.95 0.50 -0.04	44.63 0.62 -0.03	41.66 0.49 0.00
MILLIKEN___1 23584	43.74 0.13 0.00	38.23 0.15 0.00	36.75 0.11 0.00	36.23 0.14 0.00	36.22 0.14 0.00	42.92 0.17 0.00	60.72 0.66 0.00	64.91 0.52 0.00	57.23 0.28 -0.03	47.26 0.09 -0.03	44.68 -0.04 -0.03	44.75 0.04 -0.03	45.41 0.09 -0.03	48.53 0.15 -0.03	51.56 0.15 -0.03	57.13 0.27 -2.00	72.00 0.69 -2.40	82.02 1.13 -0.03	78.26 1.16 -0.03	68.86 0.88 -0.03	60.01 0.64 -1.07	51.81 0.35 -1.05	44.84 0.18 -0.68	41.41 0.25 0.00
MILLIKEN___2 23585	43.74 0.13 0.00	38.23 0.15 0.00	36.75 0.11 0.00	36.23 0.14 0.00	36.22 0.14 0.00	42.92 0.17 0.00	60.72 0.66 0.00	64.91 0.52 0.00	57.23 0.28 -0.03	47.26 0.09 -0.03	44.68 -0.04 -0.03	44.75 0.04 -0.03	45.41 0.09 -0.03	48.53 0.15 -0.03	51.56 0.15 -0.03	57.13 0.27 -2.00	72.00 0.69 -2.40	82.02 1.13 -0.03	78.26 1.16 -0.03	68.86 0.88 -0.03	60.01 0.64 -1.07	51.81 0.35 -1.05	44.84 0.18 -0.68	41.41 0.25 0.00
MILLIKEN___DIESEL 23629	43.74 0.13 0.00	38.23 0.15 0.00	36.75 0.11 0.00	36.23 0.14 0.00	36.22 0.14 0.00	42.92 0.17 0.00	60.72 0.66 0.00	64.91 0.52 0.00	57.23 0.28 -0.03	47.26 0.09 -0.03	44.68 -0.04 -0.03	44.75 0.04 -0.03	45.41 0.09 -0.03	48.53 0.15 -0.03	51.56 0.15 -0.03	57.13 0.27 -2.00	72.00 0.69 -2.40	82.02 1.13 -0.03	78.26 1.16 -0.03	68.86 0.88 -0.03	60.01 0.64 -1.07	51.81 0.35 -1.05	44.84 0.18 -0.68	41.41 0.25 0.00
MILLSEAT___LFGE 323607	40.86 -2.75 0.00	35.79 -2.28 0.00	34.00 -2.64 0.00	33.31 -2.78 0.00	33.58 -2.49 0.00	39.24 -3.50 0.00	54.71 -5.35 0.00	57.96 -6.44 0.00	50.30 -6.60 0.01	42.03 -5.09 0.01	40.38 -4.29 0.01	40.06 -4.60 0.01	40.52 -4.75 0.01	42.92 -5.41 0.01	45.25 -6.11 0.01	48.09 -6.26 0.51	61.04 -7.31 0.55	72.75 -8.08 0.01	70.66 -6.40 0.01	61.47 -6.46 0.01	52.45 -6.00 -0.15	44.96 -5.60 -0.15	39.37 -4.71 -0.09	37.83 -3.33 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	46.27 2.66 0.00	40.28 2.21 0.00	38.80 2.16 0.00	38.14 2.06 0.00	38.09 2.02 0.00	45.40 2.65 0.00	63.90 3.84 0.00	68.58 4.19 0.00	61.41 4.50 0.00	51.32 4.19 0.00	48.53 3.84 0.00	48.64 3.98 0.00	49.41 4.12 0.00	52.70 4.35 0.00	56.00 4.62 0.00	60.09 4.55 -0.68	76.43 5.79 -1.74	88.05 7.20 0.00	83.39 6.32 0.00	73.44 5.50 0.00	65.57 4.66 -2.61	57.10 4.13 -2.56	49.30 3.69 -1.63	44.33 3.17 0.00
MILLWOOD_13_KV_LOAD 356217	46.36 2.75 0.00	40.36 2.28 0.00	38.88 2.24 0.00	38.21 2.13 0.00	38.16 2.09 0.00	45.44 2.69 0.00	64.02 3.96 0.00	68.71 4.31 0.00	61.53 4.61 0.00	51.42 4.29 0.00	48.62 3.93 0.00	48.73 4.06 0.00	49.50 4.21 0.00	52.80 4.45 0.00	56.15 4.78 0.00	60.26 4.72 -0.68	76.64 5.99 -1.74	88.21 7.36 0.00	83.47 6.40 0.00	73.58 5.64 0.00	65.69 4.78 -2.61	57.15 4.18 -2.56	49.39 3.78 -1.63	44.37 3.21 0.00
MODEL_CITY_ENERGY 24167	39.99 -3.62 0.00	35.06 -3.01 0.00	33.12 -3.52 0.00	32.40 -3.68 0.00	32.61 -3.46 0.00	38.09 -4.66 0.00	52.67 -7.39 0.00	55.51 -8.89 0.00	48.31 -8.60 0.01	40.57 -6.55 0.01	38.95 -5.72 0.01	38.67 -5.98 0.01	39.02 -6.25 0.01	41.23 -7.11 0.01	43.40 -7.96 0.01	46.06 -8.23 0.56	58.50 -9.78 0.62	69.44 -11.40 0.01	67.57 -9.48 0.01	58.82 -9.10 0.01	50.17 -8.28 -0.15	43.04 -7.51 -0.15	38.05 -6.02 -0.09	36.63 -4.53 0.00
MODERN_LFGE___ 323580	39.99 -3.62 0.00	35.06 -3.01 0.00	33.12 -3.52 0.00	32.40 -3.68 0.00	32.61 -3.46 0.00	38.09 -4.66 0.00	52.67 -7.39 0.00	55.51 -8.89 0.00	48.31 -8.60 0.01	40.57 -6.55 0.01	38.95 -5.72 0.01	38.67 -5.98 0.01	39.02 -6.25 0.01	41.23 -7.11 0.01	43.40 -7.96 0.01	46.06 -8.23 0.56	58.50 -9.78 0.62	69.44 -11.40 0.01	67.57 -9.48 0.01	58.82 -9.10 0.01	50.17 -8.28 -0.15	43.04 -7.51 -0.15	38.05 -6.02 -0.09	36.63 -4.53 0.00
MOHAWK_PAPER___DRP 24187	45.27 1.66 0.00	39.48 1.41 0.00	38.07 1.43 0.00	37.49 1.41 0.00	37.52 1.44 0.00	44.37 1.62 0.00	62.46 2.40 0.00	66.91 2.51 0.00	59.25 2.33 0.00	48.87 1.74 0.00	46.38 1.70 0.00	46.23 1.56 0.00	46.78 1.49 0.00	50.14 1.79 0.00	53.43 2.05 0.00	58.07 2.41 -0.80	73.97 3.03 -2.03	84.33 3.48 0.00	80.54 3.47 0.00	70.93 2.99 0.00	63.96 2.62 -3.04	55.56 2.17 -2.99	47.72 1.85 -1.89	42.85 1.69 0.00
MOHICAN___35_KV_115KV_LD 80490	45.57 1.96 0.00	39.75 1.68 0.00	38.25 1.61 0.00	37.74 1.66 0.00	37.73 1.66 0.00	44.84 2.09 0.00	63.06 3.00 0.00	67.49 3.09 0.00	59.19 2.28 0.00	48.35 1.23 0.00	46.03 1.34 0.00	45.74 1.07 0.00	46.19 0.91 0.00	49.80 1.45 0.00	53.22 1.85 0.00	58.03 2.36 -0.81	74.36 3.38 -2.08	84.73 3.88 0.00	81.08 4.01 0.00	71.34 3.40 0.00	64.38 2.97 -3.11	55.83 2.37 -3.06	47.99 2.07 -1.94	43.01 1.85 0.00
MONGAUP___HYD 23641	46.32 2.70 0.00	40.32 2.25 0.00	38.84 2.20 0.00	38.25 2.16 0.00	38.16 2.09 0.00	45.35 2.61 0.00	64.14 4.09 0.00	68.71 4.32 0.00	61.07 4.15 0.00	50.66 3.54 0.00	47.81 3.13 0.00	47.89 3.22 0.00	48.68 3.40 0.00	52.07 3.72 0.00	55.38 4.01 0.00	59.57 4.06 -0.65	76.07 5.51 -1.65	88.04 7.19 0.00	83.55 6.47 0.00	73.58 5.64 0.00	65.56 4.78 -2.47	56.97 4.13 -2.43	49.13 3.61 -1.54	44.25 3.09 0.00
MONTAUK___DIESEL 23721	46.51 3.49 0.59	40.70 2.63 0.00	38.85 2.27 0.06	38.35 2.27 0.00	38.28 2.27 0.06	41.99 3.85 4.61	48.96 5.28 16.38	49.35 4.51 19.55	47.73 5.52 14.70	47.71 5.23 4.65	48.74 4.87 0.82	39.65 4.51 9.53	39.30 4.35 10.34	47.19 4.40 5.56	47.22 4.52 8.68	48.28 4.44 11.02	53.99 5.44 20.36	72.31 6.55 15.09	63.16 5.47 19.38	56.73 5.03 16.23	48.52 4.20 13.98	48.05 3.68 6.03	46.41 2.95 0.52	38.29 2.88 5.75
MOONROAD_115KV_HARTFLD_TB1-2 355988	39.82 -3.79 0.00	34.84 -3.24 0.00	33.27 -3.37 0.00	32.91 -3.18 0.00	32.75 -3.32 0.00	38.30 -4.45 0.00	53.33 -6.73 0.00	56.28 -8.11 0.00	49.67 -7.23 0.02	41.27 -5.84 0.02	39.26 -5.41 0.02	38.93 -5.72 0.02	39.34 -5.93 0.02	41.81 -6.53 0.02	44.06 -7.29 0.02	46.86 -7.24 0.76	59.13 -9.10 0.68	71.13 -9.70 0.02	68.42 -8.63 0.02	60.25 -7.68 0.02	52.01 -6.47 -0.18	44.23 -6.35 -0.18	38.90 -5.19 -0.11	36.84 -4.32 0.00

MORRIS_RIDGE___SOLAR 323848	40.60 -3.01 0.00	35.52 -2.55 0.00	34.00 -2.64 0.00	33.31 -2.78 0.00	33.40 -2.67 0.00	39.11 -3.63 0.00	54.83 -5.23 0.00	58.54 -5.86 0.00	50.83 -6.03 0.05	4.75 -5.23 37.14	4.63 -5.23 34.82	4.68 -5.18 34.81	4.77 -5.16 35.35	4.98 -5.32 38.05	5.04 -5.81 40.53	5.11 -6.03 43.72	60.24 -7.17 1.50	72.66 -8.16 0.03	69.72 -7.32 0.03	61.32 -6.59 0.03	52.70 -5.65 -0.05	45.11 -5.34 -0.05	39.52 -4.49 -0.02	37.54 -3.62 0.00
MORTIMER_115KV_TB3 55949	41.47 -2.14 0.00	36.36 -1.71 0.00	34.77 -1.87 0.00	34.42 -1.66 0.00	34.38 -1.70 0.00	40.27 -2.48 0.00	56.63 -3.42 0.00	60.34 -4.06 0.00	52.52 -4.38 0.01	43.82 -3.30 0.01	41.77 -2.90 0.01	41.71 -2.95 0.01	42.38 -2.90 0.01	45.00 -3.34 0.01	47.46 -3.90 0.01	50.22 -4.28 0.36	63.52 -5.10 0.28	75.59 -5.26 0.01	73.13 -3.93 0.01	64.26 -3.67 0.01	54.40 -4.08 -0.18	46.75 -3.83 -0.18	40.79 -3.30 -0.11	38.86 -2.31 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	46.58 2.97 0.00	40.59 2.51 0.00	39.02 2.38 0.00	38.39 2.31 0.00	38.31 2.24 0.00	45.65 2.91 0.00	64.20 4.14 0.00	68.97 4.57 0.00	61.92 5.01 0.00	51.84 4.71 0.00	49.02 4.33 0.00	49.14 4.47 0.00	49.90 4.62 0.00	53.18 4.83 0.00	56.51 5.14 0.00	60.54 4.99 -0.69	77.00 6.34 -1.75	88.69 7.84 0.00	83.93 6.86 0.00	73.92 5.98 0.00	65.99 5.07 -2.62	57.47 4.49 -2.58	49.71 4.09 -1.64	44.66 3.50 0.00
MUNSVILLE_WIND_PWR 323609	45.27 1.66 0.00	39.48 1.41 0.00	37.92 1.28 0.00	37.09 1.01 0.00	37.23 1.15 0.00	44.67 1.93 0.00	63.30 3.24 0.00	67.74 3.35 0.00	59.21 2.28 -0.02	48.56 1.41 -0.02	45.73 1.03 -0.02	45.98 1.30 -0.02	46.98 1.68 -0.02	50.10 1.74 -0.02	53.70 2.31 -0.02	58.94 2.91 -1.18	74.98 4.34 -1.73	86.05 5.18 -0.02	81.64 4.55 -0.02	71.83 3.87 -0.02	62.88 3.32 -1.25	54.11 2.47 -1.23	46.49 1.71 -0.79	42.69 1.52 0.00
N SALMON___HYD 24042	44.35 0.74 0.00	38.68 0.61 0.00	36.97 0.33 0.00	36.37 0.29 0.00	36.33 0.25 0.00	43.39 0.64 0.00	60.36 0.30 0.00	64.78 0.39 0.00	56.97 0.06 0.00	46.94 -0.19 0.00	45.27 0.58 0.00	45.12 0.45 0.00	45.11 -0.18 0.00	47.96 -0.39 0.00	50.96 -0.41 0.00	54.36 -0.49 0.00	68.08 -0.82 0.00	79.64 -1.21 0.00	75.30 -1.77 0.00	56.10 -1.36 10.48	53.44 -0.94 3.93	50.00 -0.41 0.00	43.81 -0.18 0.00	40.88 -0.29 0.00
N.AKRON___115KV_KNAPP 355671	40.82 -2.79 0.00	35.60 -2.47 0.00	33.97 -2.67 0.00	33.63 -2.45 0.00	33.58 -2.49 0.00	39.11 -3.63 0.00	54.59 -5.47 0.00	57.76 -6.63 0.00	50.19 -6.72 0.01	41.98 -5.14 0.01	40.12 -4.56 0.01	40.01 -4.65 0.01	40.61 -4.66 0.01	43.07 -5.27 0.01	45.25 -6.11 0.01	47.87 -6.47 0.52	60.96 -7.51 0.44	72.51 -8.33 0.01	70.43 -6.63 0.01	61.82 -6.11 0.01	52.43 -6.06 -0.19	44.85 -5.75 -0.19	39.30 -4.79 -0.11	37.70 -3.46 0.00
N.E_GEN_SANDY PD 24062	45.50 1.83 -0.06	39.60 1.52 0.00	38.18 1.54 0.00	37.67 1.59 0.00	37.62 1.55 0.00	44.50 1.75 0.00	68.80 2.58 -6.16	76.30 2.70 -9.20	60.00 2.62 -0.47	49.06 1.93 0.00	46.48 1.79 0.00	46.37 1.70 0.00	46.91 1.63 0.00	50.14 1.79 0.00	53.43 2.06 0.00	58.11 2.47 -0.78	73.00 2.96 -1.14	85.25 3.55 -0.85	80.77 3.70 0.00	71.27 3.33 0.00	65.01 2.80 -3.91	55.60 2.27 -2.92	47.73 1.89 -1.85	42.97 1.81 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	46.31 2.70 0.00	40.32 2.25 0.00	38.84 2.20 0.00	38.18 2.09 0.00	38.13 2.06 0.00	45.40 2.65 0.00	63.96 3.90 0.00	68.71 4.31 0.00	61.47 4.55 0.00	51.32 4.19 0.00	48.53 3.84 0.00	48.64 3.98 0.00	49.41 4.12 0.00	52.70 4.35 0.00	56.00 4.62 0.00	60.09 4.55 -0.67	76.48 5.86 -1.72	88.13 7.28 0.00	83.54 6.47 0.00	73.51 5.57 0.00	65.59 4.72 -2.57	57.12 4.18 -2.53	49.32 3.74 -1.60	44.37 3.21 0.00
N.QUEENS_27_KV_LOAD 356247	47.06 3.45 0.00	40.97 2.89 0.00	39.39 2.75 0.00	38.72 2.63 0.00	38.60 2.53 0.00	45.78 3.04 0.00	63.84 3.78 0.00	68.44 4.06 0.01	61.47 4.55 0.00	51.75 4.62 0.00	48.93 4.25 0.00	49.09 4.42 0.00	49.81 4.53 0.00	53.09 4.74 0.00	56.35 4.98 0.00	60.21 4.66 -0.69	76.44 5.79 -1.74	88.04 7.20 0.01	83.23 6.17 0.01	73.30 5.37 0.01	65.52 4.61 -2.61	57.12 4.13 -2.58	49.88 4.27 -1.63	44.95 3.79 0.00
N.TROY___115KV_TB1 355778	45.27 1.66 0.00	39.44 1.37 0.00	38.03 1.39 0.00	37.46 1.37 0.00	37.48 1.41 0.00	44.41 1.67 0.00	62.46 2.40 0.00	66.97 2.58 0.00	59.25 2.33 0.00	48.73 1.60 0.00	46.25 1.56 0.00	46.14 1.47 0.00	46.64 1.36 0.00	49.94 1.60 0.00	53.27 1.90 0.00	57.96 2.30 -0.80	73.84 2.89 -2.04	84.25 3.40 0.00	80.54 3.47 0.00	70.93 2.99 0.00	63.98 2.62 -3.06	55.53 2.12 -3.01	47.69 1.80 -1.91	42.81 1.65 0.00
NARROWS_GT1_1 24228	47.14 3.53 0.00	41.08 3.01 0.00	39.43 2.78 0.00	38.86 2.78 0.00	38.70 2.63 0.00	45.95 3.21 0.00	63.90 3.85 0.00	68.51 4.12 0.01	61.35 4.44 0.01	51.84 4.71 0.00	49.02 4.33 0.00	49.18 4.51 0.00	50.00 4.71 0.00	53.33 4.98 0.00	56.41 5.04 0.00	60.15 4.61 -0.69	76.44 5.79 -1.74	88.03 7.19 0.01	83.54 6.47 0.01	73.64 5.71 0.01	65.52 4.60 -2.61	57.27 4.28 -2.58	50.06 4.44 -1.63	45.07 3.91 0.00
NARROWS_GT1_2 24229	47.14 3.53 0.00	41.08 3.01 0.00	39.43 2.78 0.00	38.86 2.78 0.00	38.70 2.63 0.00	45.95 3.21 0.00	63.90 3.85 0.00	68.51 4.12 0.01	61.35 4.44 0.01	51.84 4.71 0.00	49.02 4.33 0.00	49.18 4.51 0.00	50.00 4.71 0.00	53.33 4.98 0.00	56.41 5.04 0.00	60.15 4.61 -0.69	76.44 5.79 -1.74	88.03 7.19 0.01	83.54 6.47 0.01	73.64 5.71 0.01	65.52 4.60 -2.61	57.27 4.28 -2.58	50.06 4.44 -1.63	45.07 3.91 0.00
NARROWS_GT1_3 24230	47.14 3.53 0.00	41.08 3.01 0.00	39.43 2.78 0.00	38.86 2.78 0.00	38.70 2.63 0.00	45.95 3.21 0.00	63.90 3.85 0.00	68.51 4.12 0.01	61.35 4.44 0.01	51.84 4.71 0.00	49.02 4.33 0.00	49.18 4.51 0.00	50.00 4.71 0.00	53.33 4.98 0.00	56.41 5.04 0.00	60.15 4.61 -0.69	76.44 5.79 -1.74	88.03 7.19 0.01	83.54 6.47 0.01	73.64 5.71 0.01	65.52 4.60 -2.61	57.27 4.28 -2.58	50.06 4.44 -1.63	45.07 3.91 0.00
NARROWS_GT1_4 24231	47.14 3.53 0.00	41.08 3.01 0.00	39.43 2.78 0.00	38.86 2.78 0.00	38.70 2.63 0.00	45.95 3.21 0.00	63.90 3.85 0.00	68.51 4.12 0.01	61.35 4.44 0.01	51.84 4.71 0.00	49.02 4.33 0.00	49.18 4.51 0.00	50.00 4.71 0.00	53.33 4.98 0.00	56.41 5.04 0.00	60.15 4.61 -0.69	76.44 5.79 -1.74	88.03 7.19 0.01	83.54 6.47 0.01	73.64 5.71 0.01	65.52 4.60 -2.61	57.27 4.28 -2.58	50.06 4.44 -1.63	45.07 3.91 0.00
NARROWS_GT1_5 24232	47.14 3.53 0.00	41.08 3.01 0.00	39.43 2.78 0.00	38.86 2.78 0.00	38.70 2.63 0.00	45.95 3.21 0.00	63.90 3.85 0.00	68.51 4.12 0.01	61.35 4.44 0.01	51.84 4.71 0.00	49.02 4.33 0.00	49.18 4.51 0.00	50.00 4.71 0.00	53.33 4.98 0.00	56.41 5.04 0.00	60.15 4.61 -0.69	76.44 5.79 -1.74	88.03 7.19 0.01	83.54 6.47 0.01	73.64 5.71 0.01	65.52 4.60 -2.61	57.27 4.28 -2.58	50.06 4.44 -1.63	45.07 3.91 0.00

NARROWS_GT1_6 24233	47.14 3.53 0.00	41.08 3.01 0.00	39.43 2.78 0.00	38.86 2.78 0.00	38.70 2.63 0.00	45.95 3.21 0.00	63.90 3.85 0.00	68.51 4.12 0.01	61.35 4.44 0.01	51.84 4.71 0.00	49.02 4.33 0.00	49.18 4.51 0.00	50.00 4.71 0.00	53.33 4.98 0.00	56.41 5.04 0.00	60.15 4.61 -0.69	76.44 5.79 -1.74	88.03 7.19 0.01	83.54 6.47 0.01	73.64 5.71 0.01	65.52 4.60 -2.61	57.27 4.28 -2.58	50.06 4.44 -1.63	45.07 3.91 0.00
NARROWS_GT1_7 24234	47.14 3.53 0.00	41.08 3.01 0.00	39.43 2.78 0.00	38.86 2.78 0.00	38.70 2.63 0.00	45.95 3.21 0.00	63.90 3.85 0.00	68.51 4.12 0.01	61.35 4.44 0.01	51.84 4.71 0.00	49.02 4.33 0.00	49.18 4.51 0.00	50.00 4.71 0.00	53.33 4.98 0.00	56.41 5.04 0.00	60.15 4.61 -0.69	76.44 5.79 -1.74	88.03 7.19 0.01	83.54 6.47 0.01	73.64 5.71 0.01	65.52 4.60 -2.61	57.27 4.28 -2.58	50.06 4.44 -1.63	45.07 3.91 0.00
NARROWS_GT1_8 24235	47.14 3.53 0.00	41.08 3.01 0.00	39.43 2.78 0.00	38.86 2.78 0.00	38.70 2.63 0.00	45.95 3.21 0.00	63.90 3.85 0.00	68.51 4.12 0.01	61.35 4.44 0.01	51.84 4.71 0.00	49.02 4.33 0.00	49.18 4.51 0.00	50.00 4.71 0.00	53.33 4.98 0.00	56.41 5.04 0.00	60.15 4.61 -0.69	76.44 5.79 -1.74	88.03 7.19 0.01	83.54 6.47 0.01	73.64 5.71 0.01	65.52 4.60 -2.61	57.27 4.28 -2.58	50.06 4.44 -1.63	45.07 3.91 0.00
NARROWS_GT2_1 24236	47.14 3.53 0.00	41.08 3.01 0.00	39.43 2.78 0.00	38.86 2.78 0.00	38.70 2.63 0.00	45.95 3.21 0.00	63.90 3.85 0.00	68.51 4.12 0.01	61.38 4.44 -0.02	51.84 4.71 0.00	49.02 4.33 0.00	49.18 4.51 0.00	50.00 4.71 0.00	53.33 4.98 0.00	56.41 5.04 0.00	60.15 4.61 -0.69	76.44 5.79 -1.74	88.03 7.19 0.01	83.54 6.47 0.01	73.64 5.71 0.01	65.52 4.60 -2.61	57.27 4.28 -2.58	50.06 4.44 -1.63	45.07 3.91 0.00
NARROWS_GT2_2 24237	47.14 3.53 0.00	41.08 3.01 0.00	39.43 2.78 0.00	38.86 2.78 0.00	38.70 2.63 0.00	45.95 3.21 0.00	63.90 3.85 0.00	68.51 4.12 0.01	61.38 4.44 -0.02	51.84 4.71 0.00	49.02 4.33 0.00	49.18 4.51 0.00	50.00 4.71 0.00	53.33 4.98 0.00	56.41 5.04 0.00	60.15 4.61 -0.69	76.44 5.79 -1.74	88.03 7.19 0.01	83.54 6.47 0.01	73.64 5.71 0.01	65.52 4.60 -2.61	57.27 4.28 -2.58	50.06 4.44 -1.63	45.07 3.91 0.00
NARROWS_GT2_3 24238	47.14 3.53 0.00	41.08 3.01 0.00	39.43 2.78 0.00	38.86 2.78 0.00	38.70 2.63 0.00	45.95 3.21 0.00	63.90 3.85 0.00	68.51 4.12 0.01	61.38 4.44 -0.02	51.84 4.71 0.00	49.02 4.33 0.00	49.18 4.51 0.00	50.00 4.71 0.00	53.33 4.98 0.00	56.41 5.04 0.00	60.15 4.61 -0.69	76.44 5.79 -1.74	88.03 7.19 0.01	83.54 6.47 0.01	73.64 5.71 0.01	65.52 4.60 -2.61	57.27 4.28 -2.58	50.06 4.44 -1.63	45.07 3.91 0.00
NARROWS_GT2_4 24239	47.14 3.53 0.00	41.08 3.01 0.00	39.43 2.78 0.00	38.86 2.78 0.00	38.70 2.63 0.00	45.95 3.21 0.00	63.90 3.85 0.00	68.51 4.12 0.01	61.38 4.44 -0.02	51.84 4.71 0.00	49.02 4.33 0.00	49.18 4.51 0.00	50.00 4.71 0.00	53.33 4.98 0.00	56.41 5.04 0.00	60.15 4.61 -0.69	76.44 5.79 -1.74	88.03 7.19 0.01	83.54 6.47 0.01	73.64 5.71 0.01	65.52 4.60 -2.61	57.27 4.28 -2.58	50.06 4.44 -1.63	45.07 3.91 0.00
NARROWS_GT2_5 24240	47.14 3.53 0.00	41.08 3.01 0.00	39.43 2.78 0.00	38.86 2.78 0.00	38.70 2.63 0.00	45.95 3.21 0.00	63.90 3.85 0.00	68.51 4.12 0.01	61.38 4.44 -0.02	51.84 4.71 0.00	49.02 4.33 0.00	49.18 4.51 0.00	50.00 4.71 0.00	53.33 4.98 0.00	56.41 5.04 0.00	60.15 4.61 -0.69	76.44 5.79 -1.74	88.03 7.19 0.01	83.54 6.47 0.01	73.64 5.71 0.01	65.52 4.60 -2.61	57.27 4.28 -2.58	50.06 4.44 -1.63	45.07 3.91 0.00
NARROWS_GT2_6 24241	47.14 3.53 0.00	41.08 3.01 0.00	39.43 2.78 0.00	38.86 2.78 0.00	38.70 2.63 0.00	45.95 3.21 0.00	63.90 3.85 0.00	68.51 4.12 0.01	61.38 4.44 -0.02	51.84 4.71 0.00	49.02 4.33 0.00	49.18 4.51 0.00	50.00 4.71 0.00	53.33 4.98 0.00	56.41 5.04 0.00	60.15 4.61 -0.69	76.44 5.79 -1.74	88.03 7.19 0.01	83.54 6.47 0.01	73.64 5.71 0.01	65.52 4.60 -2.61	57.27 4.28 -2.58	50.06 4.44 -1.63	45.07 3.91 0.00
NARROWS_GT2_7 24242	47.14 3.53 0.00	41.08 3.01 0.00	39.43 2.78 0.00	38.86 2.78 0.00	38.70 2.63 0.00	45.95 3.21 0.00	63.90 3.85 0.00	68.51 4.12 0.01	61.38 4.44 -0.02	51.84 4.71 0.00	49.02 4.33 0.00	49.18 4.51 0.00	50.00 4.71 0.00	53.33 4.98 0.00	56.41 5.04 0.00	60.15 4.61 -0.69	76.44 5.79 -1.74	88.03 7.19 0.01	83.54 6.47 0.01	73.64 5.71 0.01	65.52 4.60 -2.61	57.27 4.28 -2.58	50.06 4.44 -1.63	45.07 3.91 0.00
NARROWS_GT2_8 24243	47.14 3.53 0.00	41.08 3.01 0.00	39.43 2.78 0.00	38.86 2.78 0.00	38.70 2.63 0.00	45.95 3.21 0.00	63.90 3.85 0.00	68.51 4.12 0.01	61.38 4.44 -0.02	51.84 4.71 0.00	49.02 4.33 0.00	49.18 4.51 0.00	50.00 4.71 0.00	53.33 4.98 0.00	56.41 5.04 0.00	60.15 4.61 -0.69	76.44 5.79 -1.74	88.03 7.19 0.01	83.54 6.47 0.01	73.64 5.71 0.01	65.52 4.60 -2.61	57.27 4.28 -2.58	50.06 4.44 -1.63	45.07 3.91 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	45.57 1.96 0.00	39.71 1.64 0.00	38.33 1.69 0.00	37.78 1.70 0.00	37.77 1.70 0.00	44.63 1.88 0.00	63.18 3.12 0.00	67.49 3.09 0.00	59.36 2.45 0.00	48.64 1.51 0.00	45.98 1.30 0.00	45.87 1.21 0.00	46.46 1.18 0.00	49.90 1.55 0.00	53.27 1.90 0.00	57.98 2.36 -0.77	74.23 3.38 -1.95	85.22 4.37 0.00	81.39 4.32 0.00	71.54 3.60 0.00	64.37 3.15 -2.92	55.90 2.62 -2.88	48.01 2.20 -1.82	43.14 1.98 0.00
NCHELSEA_115KV_TR2 355582	46.36 2.75 0.00	40.36 2.28 0.00	38.91 2.27 0.00	38.25 2.17 0.00	38.20 2.13 0.00	45.44 2.69 0.00	64.14 4.08 0.00	68.77 4.38 0.00	61.35 4.44 0.00	51.13 4.01 0.00	48.26 3.57 0.00	48.38 3.71 0.00	49.18 3.89 0.00	52.55 4.21 0.00	55.84 4.47 0.00	60.10 4.55 -0.69	76.51 5.86 -1.75	88.21 7.36 0.00	83.54 6.47 0.00	73.58 5.64 0.00	65.76 4.84 -2.62	57.22 4.23 -2.58	49.36 3.74 -1.63	44.37 3.21 0.00
NEG CAPITAL___MECHNVIL 23645	45.66 2.05 0.00	39.83 1.75 0.00	38.36 1.72 0.00	37.85 1.77 0.00	37.80 1.73 0.00	44.80 2.05 0.00	63.12 3.06 0.00	67.55 3.15 0.00	59.53 2.62 0.00	48.92 1.79 0.00	46.38 1.70 0.00	46.23 1.56 0.00	46.78 1.49 0.00	50.23 1.88 0.00	53.63 2.26 0.00	58.36 2.69 -0.81	74.55 3.58 -2.06	84.97 4.12 0.00	81.31 4.24 0.00	71.61 3.67 0.00	64.48 3.09 -3.09	55.97 2.52 -3.04	48.06 2.15 -1.93	43.10 1.94 0.00
NEG CENTRAL_HIGH_ACRES 23767	40.95 -2.66 0.00	35.83 -2.25 0.00	34.41 -2.24 0.00	33.81 -2.27 0.00	33.98 -2.09 0.00	39.97 -2.78 0.00	56.27 -3.78 0.00	60.01 -4.38 0.00	52.41 -4.50 0.00	43.64 -3.49 0.00	41.69 -2.99 0.00	41.54 -3.13 0.00	42.07 -3.21 0.00	44.72 -3.63 0.00	47.31 -4.06 0.00	50.50 -4.22 0.13	63.74 -5.10 0.07	75.43 -5.42 0.00	72.75 -4.31 0.00	63.39 -4.55 0.00	54.21 -4.31 -0.22	46.64 -3.98 -0.22	40.60 -3.52 -0.14	38.49 -2.67 0.00

NEG CENTRAL___DRP 24199	42.52 -1.09 0.00	37.20 -0.88 0.00	35.73 -0.92 0.00	35.25 -0.83 0.00	35.28 -0.79 0.00	41.64 -1.11 0.00	58.85 -1.20 0.00	63.04 -1.35 0.00	55.49 -1.42 0.00	46.00 -1.13 0.00	43.61 -1.07 0.00	43.64 -1.03 0.00	44.29 -1.00 0.00	47.28 -1.06 0.00	50.09 -1.28 0.00	53.56 -1.37 -0.08	67.52 -1.58 -0.20	79.39 -1.46 0.00	76.07 -1.00 0.00	66.85 -1.09 0.00	57.32 -1.28 -0.30	49.34 -1.36 -0.29	42.85 -1.32 -0.19	40.22 -0.95 0.00
NEG CENTRAL___INDECK 23768	42.26 -1.35 0.00	36.93 -1.14 0.00	35.36 -1.28 0.00	34.68 -1.41 0.00	34.95 -1.12 0.00	40.99 -1.75 0.00	58.08 -1.98 0.00	62.01 -2.38 0.00	53.41 -3.47 0.04	43.98 -3.11 0.04	41.61 -3.04 0.04	41.37 -3.26 0.04	41.85 -3.40 0.04	44.74 -3.58 0.04	47.38 -3.95 0.04	49.22 -3.89 1.74	63.49 -4.07 1.35	77.10 -3.72 0.03	74.65 -2.39 0.03	65.19 -2.72 0.03	55.72 -2.62 -0.04	47.62 -2.82 -0.04	41.36 -2.64 -0.02	39.39 -1.77 0.00
NEG CENTRAL___SENECA 23627	42.22 -1.40 0.00	36.97 -1.10 0.00	35.47 -1.17 0.00	35.04 -1.05 0.00	35.06 -1.01 0.00	41.29 -1.45 0.00	58.37 -1.68 0.00	62.46 -1.93 0.00	54.86 -2.05 0.00	45.52 -1.60 0.00	43.25 -1.43 0.00	43.24 -1.43 0.00	43.92 -1.36 0.00	46.85 -1.50 0.00	49.57 -1.80 0.00	52.82 -1.97 0.06	66.67 -2.27 -0.04	78.66 -2.18 0.00	75.53 -1.54 0.00	66.31 -1.63 0.00	56.69 -1.87 -0.25	48.74 -1.92 -0.25	42.34 -1.80 -0.16	39.89 -1.28 0.00
NEG CENTRAL___STATE_STREET 24147	42.96 -0.65 0.00	37.54 -0.53 0.00	36.13 -0.51 0.00	35.62 -0.47 0.00	35.64 -0.43 0.00	42.15 -0.60 0.00	59.58 -0.48 0.00	63.82 -0.58 0.00	56.30 -0.63 -0.01	46.62 -0.52 -0.01	44.16 -0.54 -0.01	44.18 -0.49 -0.01	44.84 -0.45 -0.01	47.92 -0.44 -0.01	50.81 -0.57 -0.01	54.73 -0.55 -0.43	69.02 -0.48 -0.60	80.61 -0.24 -0.01	77.00 -0.08 -0.01	67.74 -0.20 -0.01	58.32 -0.41 -0.43	50.28 -0.55 -0.43	43.64 -0.62 -0.27	40.71 -0.45 0.00
NEG MILLWOOD___DRP 24198	46.49 2.88 0.00	40.47 2.40 0.00	39.02 2.38 0.00	38.36 2.27 0.00	38.31 2.24 0.00	45.57 2.82 0.00	64.26 4.20 0.00	68.97 4.57 0.00	61.64 4.72 0.00	51.37 4.24 0.00	48.53 3.84 0.00	48.69 4.02 0.00	49.54 4.26 0.00	52.89 4.54 0.00	56.25 4.88 0.00	60.43 4.88 -0.69	76.93 6.27 -1.76	88.53 7.68 0.00	83.78 6.71 0.00	73.78 5.84 0.00	65.89 4.96 -2.63	57.38 4.39 -2.59	49.50 3.87 -1.64	44.50 3.33 0.00
NEG NORTH_FLCN_SEA 23793	44.31 0.70 0.00	38.61 0.53 0.00	36.90 0.26 0.00	36.30 0.22 0.00	36.22 0.14 0.00	43.17 0.43 0.00	59.03 -1.02 0.00	63.04 -1.35 0.00	55.55 -1.37 0.00	46.14 -0.99 0.00	43.88 -0.80 0.00	43.73 -0.94 0.00	44.20 -1.09 0.00	47.04 -1.31 0.00	49.98 -1.39 0.00	52.99 -1.87 0.00	66.35 -2.55 0.00	77.62 -3.23 0.00	73.37 -3.70 0.00	50.57 -3.13 14.25	50.57 -2.39 5.34	48.84 -1.56 0.00	43.15 -0.84 0.00	40.26 -0.91 0.00
NEG NORTH_KES_CHATEGAY 23792	43.92 0.31 0.00	38.23 0.15 0.00	36.57 -0.07 0.00	35.94 -0.14 0.00	35.89 -0.18 0.00	42.75 0.00 0.00	59.34 -0.72 0.00	63.62 -0.77 0.00	56.00 -0.91 0.00	46.28 -0.85 0.00	44.02 -0.67 0.00	43.91 -0.76 0.00	44.29 -1.00 0.00	47.14 -1.21 0.00	50.14 -1.23 0.00	53.43 -1.43 0.00	66.97 -1.93 0.00	78.42 -2.43 0.00	74.30 -2.77 0.00	52.40 -2.31 13.23	51.54 -1.81 4.96	49.15 -1.26 0.00	43.10 -0.88 0.00	40.22 -0.95 0.00
NEG NORTH___ALICE_FALLS 23915	44.40 0.78 0.00	38.68 0.61 0.00	36.97 0.33 0.00	36.34 0.25 0.00	36.29 0.22 0.00	43.26 0.51 0.00	59.58 -0.48 0.00	63.82 -0.58 0.00	56.12 -0.80 0.00	46.42 -0.71 0.00	44.15 -0.54 0.00	44.00 -0.67 0.00	44.47 -0.82 0.00	47.28 -1.06 0.00	50.29 -1.08 0.00	53.43 -1.43 0.00	67.04 -1.86 0.00	78.50 -2.34 0.00	74.14 -2.93 0.00	51.50 -2.38 14.06	51.22 -1.81 5.27	49.25 -1.16 0.00	43.32 -0.66 0.00	40.42 -0.74 0.00
NEG NORTH___LWR_SARANAC 23913	44.40 0.78 0.00	38.68 0.61 0.00	36.97 0.33 0.00	36.34 0.25 0.00	36.29 0.22 0.00	43.26 0.51 0.00	59.58 -0.48 0.00	63.82 -0.58 0.00	56.12 -0.80 0.00	46.42 -0.71 0.00	44.15 -0.54 0.00	44.00 -0.67 0.00	44.47 -0.82 0.00	47.28 -1.06 0.00	50.29 -1.08 0.00	53.43 -1.43 0.00	67.04 -1.86 0.00	78.50 -2.34 0.00	74.14 -2.93 0.00	51.50 -2.38 14.06	51.22 -1.81 5.27	49.25 -1.16 0.00	43.32 -0.66 0.00	40.42 -0.74 0.00
NEG NORTH___PLATTSBURG 23628	44.40 0.79 0.00	38.68 0.61 0.00	36.97 0.33 0.00	36.34 0.25 0.00	36.29 0.22 0.00	43.26 0.51 0.00	59.57 -0.48 0.00	63.81 -0.58 0.00	56.12 -0.80 0.00	46.42 -0.71 0.00	44.15 -0.53 0.00	44.00 -0.67 0.00	44.47 -0.81 0.00	47.28 -1.06 0.00	50.29 -1.08 0.00	53.43 -1.43 0.00	67.05 -1.86 0.00	78.50 -2.35 0.00	74.14 -2.93 0.00	51.50 -2.38 14.06	51.22 -1.81 5.27	49.25 -1.16 0.00	43.32 -0.66 0.00	40.42 -0.74 0.00
NEG WEST_LEA_LOCKPORT 23791	40.17 -3.45 0.00	35.03 -3.05 0.00	33.45 -3.19 0.00	33.13 -2.96 0.00	33.01 -3.07 0.00	38.43 -4.32 0.00	53.27 -6.79 0.00	56.15 -8.24 0.00	48.82 -8.08 0.01	41.04 -6.08 0.01	39.22 -5.45 0.01	39.12 -5.54 0.01	39.66 -5.62 0.01	42.00 -6.33 0.01	44.06 -7.29 0.01	46.57 -7.73 0.55	59.14 -9.30 0.47	70.33 -10.51 0.01	68.35 -8.71 0.01	60.12 -7.81 0.01	50.97 -7.52 -0.19	43.59 -7.01 -0.19	38.47 -5.63 -0.12	36.96 -4.20 0.00
NEG WEST___LANCASTR 23811	40.12 -3.49 0.00	35.14 -2.93 0.00	33.64 -3.00 0.00	33.27 -2.81 0.00	33.15 -2.92 0.00	38.73 -4.02 0.00	53.93 -6.13 0.00	56.86 -7.53 0.00	51.09 -5.81 0.02	42.21 -4.90 0.02	40.38 -4.29 0.02	40.32 -4.33 0.02	41.19 -4.08 0.02	44.13 -4.21 0.02	46.78 -4.57 0.02	50.13 -3.95 0.77	63.25 -4.96 0.69	74.20 -6.63 0.02	69.50 -7.55 0.02	61.33 -6.59 0.02	54.52 -3.96 -0.18	46.10 -4.49 -0.18	40.13 -3.96 -0.11	37.33 -3.83 0.00
NEG_PENN_ALLEGHNY 23528	43.52 -0.09 0.00	38.04 -0.04 0.00	36.61 -0.04 0.00	36.01 -0.07 0.00	36.04 -0.04 0.00	42.66 -0.09 0.00	60.12 0.06 0.00	64.20 -0.19 0.00	56.68 -0.23 0.00	46.98 -0.14 0.00	44.50 -0.18 0.00	44.53 -0.13 0.00	45.24 -0.05 0.00	48.34 0.00 0.00	51.37 0.00 0.00	54.89 0.00 -0.03	69.55 0.21 -0.44	81.17 0.32 0.00	77.30 0.23 0.00	68.14 0.20 0.00	59.35 0.18 -0.87	51.22 -0.05 -0.86	44.40 -0.13 -0.54	41.12 -0.04 0.00
NEG___GEN_MONROE 24207	41.52 -2.09 0.00	36.36 -1.71 0.00	34.77 -1.87 0.00	34.39 -1.70 0.00	34.41 -1.66 0.00	40.27 -2.48 0.00	56.51 -3.54 0.00	60.08 -4.31 0.00	52.24 -4.67 0.01	43.58 -3.53 0.01	41.59 -3.08 0.01	41.49 -3.17 0.01	42.11 -3.17 0.01	44.71 -3.63 0.01	47.15 -4.21 0.01	49.83 -4.66 0.37	62.96 -5.65 0.29	75.02 -5.82 0.01	72.67 -4.39 0.01	63.92 -4.01 0.01	54.22 -4.26 -0.18	46.50 -4.08 -0.18	40.62 -3.47 -0.11	38.77 -2.39 0.00
NEPA___ENERGY 23901	40.60 -3.01 0.00	35.60 -2.47 0.00	34.08 -2.56 0.00	33.67 -2.42 0.00	33.58 -2.49 0.00	39.24 -3.51 0.00	54.65 -5.41 0.00	57.70 -6.70 0.00	50.87 -6.03 0.02	42.35 -4.76 0.02	40.38 -4.29 0.02	40.23 -4.42 0.02	40.83 -4.44 0.02	43.45 -4.88 0.02	45.81 -5.55 0.02	48.48 -5.60 0.79	61.31 -6.89 0.70	73.23 -7.60 0.02	70.19 -6.86 0.02	61.81 -6.11 0.02	53.29 -5.19 -0.18	45.39 -5.19 -0.18	39.82 -4.27 -0.11	37.79 -3.38 0.00

NEVERSINK___HYD 23608	46.32 2.70 0.00	40.36 2.28 0.00	38.88 2.24 0.00	38.25 2.16 0.00	38.20 2.13 0.00	45.40 2.65 0.00	64.20 4.14 0.00	68.97 4.57 0.00	61.30 4.38 0.00	50.85 3.72 0.00	47.99 3.31 0.00	48.11 3.44 0.00	48.95 3.67 0.00	52.36 4.01 0.00	55.63 4.26 0.00	59.87 4.39 -0.62	76.42 5.93 -1.59	88.28 7.43 0.00	83.70 6.63 0.00	73.71 5.77 0.00	65.63 4.95 -2.38	56.98 4.23 -2.34	49.16 3.70 -1.48	44.33 3.17 0.00
NEWKRMKL_115KV_TB1 55635	45.09 1.48 0.00	39.33 1.26 0.00	37.96 1.32 0.00	37.38 1.30 0.00	37.41 1.33 0.00	44.24 1.50 0.00	62.28 2.22 0.00	66.71 2.32 0.00	59.08 2.16 0.00	48.78 1.65 0.00	46.29 1.61 0.00	46.19 1.52 0.00	46.73 1.45 0.00	50.09 1.74 0.00	53.38 2.00 0.00	57.90 2.25 -0.79	73.74 2.83 -2.02	84.08 3.23 0.00	80.23 3.16 0.00	70.66 2.72 0.00	63.77 2.45 -3.02	55.39 2.02 -2.97	47.58 1.72 -1.88	42.73 1.56 0.00
NEWTON___FALLS_HYD 23847	44.00 0.39 0.00	38.42 0.34 0.00	36.86 0.22 0.00	36.19 0.11 0.00	36.22 0.14 0.00	43.13 0.38 0.00	60.48 0.42 0.00	64.85 0.45 0.00	56.86 -0.06 0.00	46.84 -0.28 0.00	45.94 1.25 0.00	45.96 1.30 0.00	45.33 0.05 0.00	48.25 -0.10 0.00	51.42 0.05 0.00	55.04 0.16 -0.02	68.96 0.00 -0.05	80.53 -0.32 0.00	76.53 -0.54 0.00	65.94 -0.41 1.59	57.61 -0.17 0.52	50.89 0.40 -0.08	44.34 0.31 -0.05	41.33 0.16 0.00
NGRID_A1_DSASP 323792	39.21 -4.40 0.00	35.14 -2.93 0.00	33.53 -3.11 0.00	33.23 -2.85 0.00	33.08 -2.99 0.00	38.39 -4.36 0.00	52.25 -7.81 0.00	55.06 -9.34 0.00	47.85 -9.05 0.01	40.28 -6.83 0.01	38.51 -6.17 0.01	38.40 -6.25 0.01	38.89 -6.39 0.01	41.13 -7.20 0.01	43.14 -8.22 0.01	45.51 -8.78 0.57	58.00 -10.40 0.50	68.63 -12.21 0.01	66.88 -10.17 0.01	58.83 -9.10 0.01	49.69 -8.80 -0.19	42.58 -8.01 -0.19	37.72 -6.38 -0.11	36.26 -4.90 0.00
NGRID_A2_DSASP 323793	39.21 -4.40 0.00	35.14 -2.93 0.00	33.53 -3.11 0.00	33.23 -2.85 0.00	33.08 -2.99 0.00	38.39 -4.36 0.00	52.25 -7.81 0.00	55.06 -9.34 0.00	47.85 -9.05 0.01	40.28 -6.83 0.01	38.51 -6.17 0.01	38.40 -6.25 0.01	38.89 -6.39 0.01	41.13 -7.20 0.01	43.14 -8.22 0.01	45.51 -8.78 0.57	58.00 -10.40 0.50	68.63 -12.21 0.01	66.88 -10.17 0.01	58.83 -9.10 0.01	49.69 -8.80 -0.19	42.58 -8.01 -0.19	37.72 -6.38 -0.11	36.26 -4.90 0.00
NGRID_A4_DSASP 323807	39.21 -4.40 0.00	35.14 -2.93 0.00	33.53 -3.11 0.00	33.23 -2.85 0.00	33.08 -2.99 0.00	38.39 -4.36 0.00	52.25 -7.81 0.00	55.06 -9.34 0.00	47.85 -9.05 0.01	40.28 -6.83 0.01	38.51 -6.17 0.01	38.40 -6.25 0.01	38.89 -6.39 0.01	41.13 -7.20 0.01	43.14 -8.22 0.01	45.51 -8.78 0.57	58.00 -10.40 0.50	68.63 -12.21 0.01	66.88 -10.17 0.01	58.83 -9.10 0.01	49.69 -8.80 -0.19	42.58 -8.01 -0.19	37.72 -6.38 -0.11	36.26 -4.90 0.00
NIAGARA_115E_LBMP 323715	39.86 -3.75 0.00	34.95 -3.12 0.00	32.94 -3.70 0.00	32.22 -3.86 0.00	32.43 -3.64 0.00	37.87 -4.87 0.00	52.31 -7.75 0.00	55.12 -9.27 0.00	47.97 -8.93 0.01	40.33 -6.79 0.01	38.73 -5.94 0.01	38.45 -6.21 0.01	38.80 -6.48 0.01	40.99 -7.35 0.01	43.14 -8.22 0.01	45.73 -8.56 0.57	58.15 -10.13 0.63	68.95 -11.88 0.02	67.11 -9.94 0.02	58.41 -9.51 0.02	49.76 -8.69 -0.15	42.74 -7.81 -0.15	37.78 -6.29 -0.09	36.47 -4.69 0.00
NIAGARA_115W_LBMP 323714	39.12 -4.49 0.00	34.27 -3.81 0.00	33.49 -3.15 0.00	32.77 -3.32 0.00	32.97 -3.10 0.00	38.39 -4.36 0.00	52.07 -7.99 0.00	54.93 -9.46 0.00	47.68 -9.22 0.01	40.19 -6.93 0.01	38.60 -6.08 0.01	38.31 -6.34 0.01	38.57 -6.70 0.01	40.75 -7.59 0.01	42.83 -8.53 0.01	45.40 -8.89 0.57	57.66 -10.61 0.63	68.39 -12.45 0.01	66.81 -10.25 0.01	58.01 -9.92 0.01	49.42 -9.04 -0.15	42.44 -8.12 -0.15	37.56 -6.51 -0.09	36.18 -4.98 0.00
NIAGARA_230_LBMP 323716	39.82 -3.79 0.00	34.88 -3.20 0.00	33.45 -3.19 0.00	32.73 -3.35 0.00	32.93 -3.14 0.00	38.43 -4.32 0.00	53.03 -7.03 0.00	55.96 -8.43 0.00	48.71 -8.19 0.01	40.94 -6.17 0.01	39.31 -5.36 0.01	39.03 -5.63 0.01	39.34 -5.93 0.01	41.57 -6.77 0.01	43.76 -7.60 0.01	46.40 -7.90 0.56	58.44 -9.86 0.61	69.84 -11.00 0.01	68.04 -9.02 0.01	59.16 -8.76 0.01	50.47 -7.99 -0.15	43.35 -7.21 -0.15	38.27 -5.81 -0.09	36.84 -4.32 0.00
NIAGARA___115KV_198_GIBSON 55903	39.12 -4.49 0.00	35.14 -2.93 0.00	33.49 -3.15 0.00	33.23 -2.85 0.00	33.04 -3.03 0.00	38.34 -4.40 0.00	52.13 -7.93 0.00	54.93 -9.47 0.00	47.74 -9.16 0.01	40.23 -6.88 0.01	38.42 -6.26 0.01	38.31 -6.34 0.01	38.80 -6.48 0.01	41.04 -7.30 0.01	43.04 -8.32 0.01	45.40 -8.89 0.57	57.94 -10.47 0.49	68.47 -12.37 0.01	66.73 -10.33 0.01	58.69 -9.24 0.01	49.57 -8.92 -0.19	42.48 -8.12 -0.18	37.59 -6.51 -0.11	36.18 -4.98 0.00
NIAGARA____ 23760	39.82 -3.79 0.00	34.88 -3.20 0.00	33.45 -3.19 0.00	32.73 -3.35 0.00	32.93 -3.14 0.00	38.43 -4.32 0.00	53.03 -7.03 0.00	55.96 -8.43 0.00	48.71 -8.19 0.01	40.94 -6.17 0.01	39.31 -5.36 0.01	39.03 -5.63 0.01	39.34 -5.93 0.01	41.57 -6.77 0.01	43.76 -7.60 0.01	46.39 -7.90 0.57	58.43 -9.86 0.62	69.84 -11.00 0.01	68.04 -9.02 0.01	59.16 -8.76 0.01	50.47 -7.99 -0.15	43.35 -7.21 -0.15	38.27 -5.81 -0.09	36.84 -4.32 0.00
NINE_MILE_1 23575	41.91 -1.70 0.00	36.63 -1.45 0.00	35.25 -1.39 0.00	34.71 -1.37 0.00	34.74 -1.33 0.00	41.08 -1.67 0.00	57.77 -2.28 0.00	62.01 -2.38 0.00	54.75 -2.16 0.00	45.34 -1.79 0.00	43.03 -1.65 0.00	43.02 -1.65 0.00	43.61 -1.67 0.00	46.56 -1.79 0.00	49.37 -2.00 0.00	52.77 -2.14 -0.05	66.34 -2.69 -0.13	77.78 -3.07 0.00	74.37 -2.70 0.00	65.43 -2.51 0.00	56.27 -2.22 -0.19	48.63 -1.97 -0.19	42.34 -1.76 -0.12	39.60 -1.56 0.00
NINE_MILE_2 23744	41.91 -1.70 0.00	36.63 -1.45 0.00	35.25 -1.39 0.00	34.71 -1.37 0.00	34.74 -1.33 0.00	41.08 -1.67 0.00	57.77 -2.28 0.00	62.01 -2.38 0.00	54.75 -2.16 0.00	45.34 -1.79 0.00	43.03 -1.65 0.00	43.02 -1.65 0.00	43.61 -1.67 0.00	46.56 -1.79 0.00	49.37 -2.00 0.00	52.77 -2.14 -0.05	66.34 -2.69 -0.13	77.78 -3.07 0.00	74.37 -2.70 0.00	65.43 -2.51 0.00	56.27 -2.22 -0.19	48.62 -1.97 -0.18	42.34 -1.76 -0.12	39.60 -1.56 0.00
NM_CAPITAL___DRP 24208	45.01 1.40 0.00	39.25 1.18 0.00	37.85 1.21 0.00	37.31 1.23 0.00	37.30 1.23 0.00	44.11 1.37 0.00	62.10 2.04 0.00	66.52 2.13 0.00	59.02 2.11 0.00	48.73 1.60 0.00	46.21 1.52 0.00	46.10 1.43 0.00	46.64 1.36 0.00	49.94 1.60 0.00	53.22 1.85 0.00	57.73 2.08 -0.79	73.54 2.62 -2.01	83.84 2.99 0.00	80.00 2.93 0.00	70.52 2.58 0.00	63.59 2.27 -3.01	55.24 1.87 -2.96	47.49 1.63 -1.88	42.64 1.48 0.00
NM_CENTRAL___DRP 24181	42.65 -0.96 0.00	37.27 -0.80 0.00	35.87 -0.77 0.00	35.36 -0.72 0.00	35.39 -0.69 0.00	41.81 -0.94 0.00	58.97 -1.08 0.00	63.24 -1.16 0.00	55.89 -1.02 0.00	46.33 -0.80 0.00	43.88 -0.80 0.00	43.95 -0.71 0.00	44.56 -0.72 0.00	47.62 -0.73 0.00	50.45 -0.92 0.00	53.94 -0.99 -0.07	67.84 -1.24 -0.17	79.56 -1.29 0.00	75.99 -1.08 0.00	66.92 -1.02 0.00	57.51 -1.05 -0.26	49.70 -0.96 -0.26	43.22 -0.92 -0.16	40.38 -0.78 0.00

NM_FRONTIER___DRP 24179	39.12 -4.49 0.00	35.14 -2.93 0.00	33.49 -3.15 0.00	33.23 -2.85 0.00	33.04 -3.03 0.00	38.34 -4.40 0.00	52.13 -7.93 0.00	54.93 -9.47 0.00	47.74 -9.16 0.01	40.23 -6.88 0.01	38.42 -6.26 0.01	38.31 -6.34 0.01	38.80 -6.48 0.01	41.04 -7.30 0.01	43.04 -8.32 0.01	45.40 -8.89 0.57	57.94 -10.47 0.49	68.47 -12.37 0.01	66.73 -10.33 0.01	58.69 -9.24 0.01	49.57 -8.92 -0.19	42.48 -8.12 -0.18	37.59 -6.51 -0.11	36.18 -4.98 0.00
NM_ST_REGIS___HYD 24053	44.57 0.96 0.00	38.87 0.80 0.00	37.23 0.59 0.00	36.63 0.54 0.00	36.58 0.51 0.00	43.69 0.94 0.00	60.84 0.78 0.00	65.30 0.90 0.00	57.37 0.46 0.00	47.22 0.09 0.00	46.70 2.01 0.00	46.68 2.01 0.00	45.60 0.32 0.00	48.49 0.15 0.00	51.58 0.21 0.00	55.09 0.22 -0.01	68.93 0.00 -0.03	80.28 -0.57 0.00	76.07 -1.00 0.00	63.24 -0.68 4.02	56.48 -0.35 1.47	50.75 0.30 -0.04	44.45 0.44 -0.02	41.45 0.29 0.00
NORTHPORT___1 23551	46.41 3.40 0.60	40.73 2.66 0.00	38.85 2.27 0.06	38.42 2.34 0.00	38.25 2.24 0.06	41.26 3.68 5.16	48.45 5.17 16.77	48.78 4.38 20.00	47.36 5.52 15.07	47.42 5.37 5.08	48.30 4.87 1.26	47.50 4.96 2.13	46.93 5.16 3.52	47.82 5.51 6.03	48.10 5.80 9.07	48.13 5.27 12.00	55.25 7.23 20.89	74.60 8.66 14.90	65.24 7.63 19.47	58.36 7.00 16.58	49.93 6.01 14.38	49.24 5.19 6.36	47.91 4.71 0.78	38.71 3.99 6.45
NORTHPORT___2 23552	46.41 3.40 0.60	40.73 2.66 0.00	38.85 2.27 0.06	38.42 2.34 0.00	38.25 2.24 0.06	41.26 3.68 5.16	48.45 5.17 16.77	48.78 4.38 20.00	47.36 5.52 15.07	47.42 5.37 5.08	48.30 4.87 1.26	47.50 4.96 2.13	46.93 5.16 3.52	47.82 5.51 6.03	48.10 5.80 9.07	48.13 5.27 12.00	55.25 7.23 20.89	74.60 8.66 14.90	65.24 7.63 19.47	58.36 7.00 16.58	49.93 6.01 14.38	49.24 5.19 6.36	47.91 4.71 0.78	38.71 3.99 6.45
NORTHPORT___3 23553	46.07 3.05 0.59	40.47 2.40 0.00	38.59 2.01 0.06	38.17 2.09 0.00	38.03 2.02 0.06	41.15 3.29 4.89	47.62 4.02 16.46	47.85 3.09 19.64	46.80 4.67 14.78	47.03 4.76 4.86	47.96 4.29 1.02	47.73 4.56 1.50	47.21 4.75 2.83	47.73 5.12 5.74	47.73 5.19 8.83	47.96 4.50 11.40	48.80 5.93 26.03	49.23 7.19 38.81	49.23 6.17 34.01	49.23 5.71 24.42	48.80 4.84 14.34	48.80 4.54 6.14	47.73 4.40 0.65	38.77 3.71 6.10
NORTHPORT___4 23650	46.07 3.05 0.59	40.47 2.40 0.00	38.59 2.01 0.06	38.17 2.09 0.00	38.03 2.02 0.06	41.15 3.29 4.89	47.62 4.02 16.46	47.85 3.09 19.64	46.80 4.67 14.78	47.03 4.76 4.86	47.96 4.29 1.02	47.73 4.56 1.50	47.21 4.75 2.83	47.73 5.12 5.74	47.73 5.19 8.83	47.96 4.50 11.40	48.80 5.93 26.03	49.23 7.19 38.81	49.23 6.17 34.01	49.23 5.71 24.42	48.80 4.84 14.34	48.80 4.54 6.14	47.73 4.40 0.65	38.77 3.71 6.10
NORTHPORT___IC 23718	46.41 3.40 0.60	40.66 2.59 0.00	38.85 2.27 0.06	38.32 2.24 0.00	38.21 2.20 0.06	41.26 3.68 5.16	48.39 5.10 16.77	48.78 4.38 20.00	47.36 5.52 15.07	47.33 5.28 5.08	48.30 4.87 1.26	47.54 5.00 2.13	46.93 5.16 3.52	47.78 5.46 6.03	48.05 5.75 9.07	48.68 5.81 12.00	55.32 7.30 20.89	74.60 8.65 14.90	65.23 7.63 19.47	58.29 6.93 16.58	49.87 5.95 14.38	49.29 5.24 6.36	47.69 4.49 0.78	38.75 4.03 6.45
NORTH___COUNTRY_ESR 323785	43.83 0.22 0.00	38.15 0.08 0.00	36.50 -0.15 0.00	35.87 -0.22 0.00	35.82 -0.25 0.00	42.66 -0.09 0.00	59.21 -0.84 0.00	63.43 -0.96 0.00	55.89 -1.02 0.00	46.23 -0.90 0.00	44.02 -0.67 0.00	43.87 -0.80 0.00	44.29 -1.00 0.00	47.14 -1.21 0.00	50.09 -1.28 0.00	53.38 -1.48 0.00	66.90 -2.00 0.00	78.26 -2.59 0.00	74.14 -2.93 0.00	52.29 -2.44 13.21	51.43 -1.92 4.95	49.05 -1.36 0.00	43.02 -0.97 0.00	40.13 -1.03 0.00
NPX_GEN_1385_PROXY 323591	46.10 3.10 0.60	40.69 2.63 0.00	38.70 2.12 0.06	38.39 2.31 0.00	38.14 2.13 0.06	41.30 3.72 5.16	58.87 5.64 6.83	54.41 4.96 14.94	47.53 5.69 15.07	47.42 5.37 5.08	47.99 4.56 1.26	47.19 4.65 2.13	46.66 4.89 3.52	47.59 5.27 6.03	47.90 5.60 9.07	47.80 4.94 12.00	58.10 7.78 18.59	75.61 8.81 14.05	65.62 8.02 19.47	58.56 7.20 16.58	50.28 6.36 14.38	49.19 5.14 6.36	47.69 4.49 0.78	38.58 3.87 6.45
NPX_GEN_CSC 323557	45.55 2.53 0.59	39.93 1.87 0.00	38.05 1.47 0.06	37.67 1.59 0.00	37.49 1.48 0.06	40.93 2.82 4.63	47.68 4.02 16.40	47.97 3.15 19.58	46.64 4.44 14.72	46.94 4.48 4.67	47.87 4.02 0.84	39.07 3.97 9.57	39.06 4.16 10.39	47.17 4.40 5.58	47.30 4.63 8.70	47.91 4.12 11.07	53.32 5.65 21.23	73.57 6.95 14.23	63.62 5.93 19.39	57.26 5.57 16.25	49.02 4.72 14.00	48.49 4.13 6.05	47.19 3.74 0.53	38.38 3.00 5.78
NSINS_S_GLNS_FALLS 23858	45.49 1.88 0.00	39.67 1.60 0.00	38.18 1.54 0.00	37.67 1.59 0.00	37.66 1.59 0.00	44.76 2.01 0.00	62.94 2.88 0.00	67.36 2.96 0.00	59.02 2.11 0.00	48.26 1.13 0.00	45.94 1.25 0.00	45.65 0.98 0.00	46.10 0.82 0.00	49.70 1.35 0.00	53.12 1.75 0.00	57.92 2.25 -0.82	74.15 3.17 -2.08	84.57 3.72 0.00	80.92 3.85 0.00	71.13 3.19 0.00	64.26 2.86 -3.11	55.73 2.27 -3.06	47.90 1.98 -1.94	42.93 1.77 0.00
NUCOR_STEEL___DRP 24197	43.09 -0.52 0.00	37.65 -0.42 0.00	36.24 -0.40 0.00	35.72 -0.36 0.00	35.71 -0.36 0.00	42.23 -0.51 0.00	59.70 -0.36 0.00	63.88 -0.52 0.00	56.41 -0.51 -0.01	46.66 -0.47 -0.01	44.20 -0.49 -0.01	44.27 -0.40 -0.01	44.93 -0.36 -0.01	48.02 -0.34 -0.01	50.92 -0.46 -0.01	54.82 -0.44 -0.41	69.06 -0.41 -0.57	80.61 -0.24 -0.01	77.00 -0.08 -0.01	67.74 -0.20 -0.01	58.37 -0.35 -0.42	50.37 -0.45 -0.42	43.68 -0.57 -0.27	40.79 -0.37 0.00
NUMBER_THREE_WT_PWR 323818	43.70 0.09 0.00	38.15 0.08 0.00	36.64 0.00 0.00	35.98 -0.11 0.00	36.04 -0.04 0.00	43.00 0.26 0.00	60.60 0.54 0.00	64.91 0.51 0.00	56.86 -0.06 0.00	46.80 -0.33 0.00	44.91 0.22 0.00	44.98 0.31 0.00	45.20 -0.09 0.00	48.16 -0.19 0.00	51.42 0.05 0.00	55.11 0.22 -0.03	69.46 0.49 -0.07	81.26 0.41 0.00	77.38 0.31 0.00	67.59 0.34 0.69	58.44 0.29 0.15	51.07 0.56 -0.10	44.27 0.22 -0.07	41.24 0.08 0.00
NYISO_LBMP_REFERENCE 24008	43.61 0.00 0.00	38.07 0.00 0.00	36.64 0.00 0.00	36.08 0.00 0.00	36.07 0.00 0.00	42.75 0.00 0.00	60.06 0.00 0.00	64.40 0.00 0.00	56.92 0.00 0.00	47.13 0.00 0.00	44.69 0.00 0.00	44.67 0.00 0.00	45.29 0.00 0.00	48.35 0.00 0.00	51.37 0.00 0.00	54.86 0.00 0.00	68.90 0.00 0.00	80.85 0.00 0.00	77.07 0.00 0.00	67.94 0.00 0.00	58.30 0.00 0.00	50.41 0.00 0.00	43.98 0.00 0.00	41.16 0.00 0.00
NYPA_BRENTWD____GT 24164	46.20 3.14 0.55	40.96 2.89 0.00	38.71 2.12 0.06	38.64 2.56 0.00	38.40 2.38 0.06	42.97 3.38 3.15	49.62 4.93 15.36	50.17 4.18 18.41	48.46 5.29 13.75	48.82 5.23 3.53	49.90 4.87 -0.35	48.06 4.91 1.52	48.28 5.12 2.12	49.50 5.46 4.31	49.48 5.75 7.64	51.65 5.27 8.48	57.34 7.23 18.80	74.82 8.73 14.76	66.10 7.71 18.68	59.95 7.07 15.06	51.30 5.95 12.95	50.41 5.19 5.19	48.81 4.66 -0.16	40.98 3.75 3.93

NYPA_GOWANUS____GT5 24156	47.14 3.53 0.00	41.08 3.01 0.00	39.43 2.78 0.00	38.86 2.78 0.00	38.70 2.63 0.00	45.95 3.21 0.00	63.90 3.85 0.00	68.51 4.12 0.01	61.35 4.44 0.01	51.84 4.71 0.00	49.02 4.33 0.00	49.18 4.51 0.00	50.00 4.71 0.00	53.33 4.98 0.00	56.41 5.04 0.00	60.15 4.61 -0.69	76.44 5.79 -1.74	88.03 7.19 0.01	83.54 6.47 0.01	73.64 5.71 0.01	65.52 4.60 -2.61	57.27 4.28 -2.58	50.06 4.44 -1.63	45.07 3.91 0.00
NYPA_GOWANUS____GT6 24157	47.14 3.53 0.00	41.08 3.01 0.00	39.43 2.78 0.00	38.86 2.78 0.00	38.70 2.63 0.00	45.95 3.21 0.00	63.90 3.85 0.00	68.51 4.12 0.01	61.35 4.44 0.01	51.84 4.71 0.00	49.02 4.33 0.00	49.18 4.51 0.00	50.00 4.71 0.00	53.33 4.98 0.00	56.41 5.04 0.00	60.15 4.61 -0.69	76.44 5.79 -1.74	88.03 7.19 0.01	83.54 6.47 0.01	73.64 5.71 0.01	65.52 4.60 -2.61	57.27 4.28 -2.58	50.06 4.44 -1.63	45.07 3.91 0.00
NYPA_HARLEM__RVR__GT1 24160	47.02 3.40 -0.01	41.01 2.93 -0.01	39.35 2.71 0.00	38.79 2.71 0.00	38.60 2.52 0.00	45.78 3.04 0.00	63.78 3.72 0.00	68.38 3.99 0.01	61.35 4.44 0.01	51.60 4.48 0.01	48.83 4.16 0.01	48.99 4.33 0.01	49.76 4.48 0.01	53.13 4.79 0.01	56.30 4.93 0.01	60.09 4.55 -0.68	76.30 5.65 -1.74	87.80 6.95 0.01	83.08 6.02 0.01	73.30 5.37 0.01	65.34 4.43 -2.61	57.06 4.08 -2.57	49.84 4.22 -1.63	44.91 3.75 0.00
NYPA_HARLEM__RVR__GT2 24161	47.02 3.40 -0.01	41.01 2.93 -0.01	39.35 2.71 0.00	38.79 2.71 0.00	38.60 2.52 0.00	45.78 3.04 0.00	63.78 3.72 0.00	68.38 3.99 0.01	61.35 4.44 0.01	51.60 4.48 0.01	48.83 4.16 0.01	48.99 4.33 0.01	49.76 4.48 0.01	53.13 4.79 0.01	56.30 4.93 0.01	60.09 4.55 -0.68	76.30 5.65 -1.74	87.80 6.95 0.01	83.08 6.02 0.01	73.30 5.37 0.01	65.34 4.43 -2.61	57.06 4.08 -2.57	49.84 4.22 -1.63	44.91 3.75 0.00
NYPA_KENT____GT 24152	47.01 3.40 0.00	40.97 2.89 0.00	39.35 2.71 0.00	38.79 2.71 0.00	38.60 2.52 0.00	45.91 3.16 0.00	64.02 3.96 0.00	68.64 4.25 0.01	61.60 4.67 -0.01	51.84 4.71 0.00	49.02 4.33 0.00	49.23 4.56 0.00	50.00 4.71 0.00	53.38 5.03 0.00	56.51 5.14 0.00	60.26 4.72 -0.69	76.57 5.93 -1.74	88.20 7.36 0.01	83.54 6.47 0.01	73.71 5.77 0.01	65.64 4.72 -2.61	57.32 4.34 -2.58	49.97 4.36 -1.63	44.95 3.78 0.00
NYPA_POUCH1____GT 24155	47.32 3.70 0.00	41.23 3.16 0.00	39.57 2.93 0.00	38.97 2.89 0.00	38.81 2.74 0.00	46.04 3.29 0.00	63.78 3.72 0.00	68.25 3.86 0.01	61.05 4.15 0.02	51.79 4.67 0.00	48.93 4.25 0.00	49.13 4.47 0.00	49.91 4.62 0.00	53.23 4.88 0.00	56.25 4.88 0.00	59.88 4.33 -0.69	76.16 5.51 -1.74	87.71 6.87 0.01	83.30 6.24 0.01	73.51 5.57 0.01	65.23 4.31 -2.61	57.12 4.13 -2.58	50.15 4.53 -1.63	45.15 3.99 0.00
NYPA_VERNON____GT2 24162	46.88 3.27 0.00	40.85 2.78 0.00	39.24 2.60 0.00	38.68 2.60 0.00	38.53 2.45 0.00	45.83 3.08 0.00	64.08 4.02 0.00	68.77 4.38 0.01	61.76 4.84 -0.01	51.89 4.76 0.00	49.07 4.38 0.00	49.23 4.56 0.00	50.00 4.71 0.00	53.38 5.03 0.00	56.56 5.19 0.00	60.43 4.88 -0.69	76.71 6.07 -1.74	88.36 7.52 0.01	83.54 6.47 0.01	73.71 5.77 0.01	65.75 4.84 -2.62	57.37 4.38 -2.58	49.88 4.27 -1.63	44.87 3.71 0.00
NYPA_VERNON____GT3 24163	46.88 3.27 0.00	40.85 2.78 0.00	39.24 2.60 0.00	38.68 2.60 0.00	38.53 2.45 0.00	45.83 3.08 0.00	64.08 4.02 0.00	68.77 4.38 0.01	61.76 4.84 -0.01	51.89 4.76 0.00	49.07 4.38 0.00	49.23 4.56 0.00	50.00 4.71 0.00	53.38 5.03 0.00	56.56 5.19 0.00	60.43 4.88 -0.69	76.71 6.07 -1.74	88.36 7.52 0.01	83.54 6.47 0.01	73.71 5.77 0.01	65.75 4.84 -2.62	57.37 4.38 -2.58	49.88 4.27 -1.63	44.87 3.71 0.00
NYPA____ASTORIA_CC1 323568	46.88 3.27 0.00	40.85 2.78 0.00	39.24 2.60 0.00	38.68 2.60 0.00	38.53 2.45 0.00	45.83 3.08 0.00	63.96 3.90 0.00	68.64 4.25 0.01	61.64 4.72 0.00	51.84 4.71 0.00	49.02 4.33 0.00	49.18 4.51 0.00	49.95 4.67 0.00	53.33 4.98 0.00	56.51 5.14 0.00	60.32 4.77 -0.69	76.64 5.99 -1.74	88.20 7.36 0.01	83.46 6.39 0.01	73.57 5.64 0.01	65.63 4.72 -2.61	57.32 4.34 -2.58	49.88 4.27 -1.63	44.87 3.71 0.00
NYPA____ASTORIA_CC2 323569	46.88 3.27 0.00	40.85 2.78 0.00	39.24 2.60 0.00	38.68 2.60 0.00	38.53 2.45 0.00	45.83 3.08 0.00	63.96 3.90 0.00	68.64 4.25 0.01	61.64 4.72 0.00	51.84 4.71 0.00	49.02 4.33 0.00	49.18 4.51 0.00	49.95 4.67 0.00	53.33 4.98 0.00	56.51 5.14 0.00	60.32 4.77 -0.69	76.64 5.99 -1.74	88.20 7.36 0.01	83.46 6.39 0.01	73.57 5.64 0.01	65.63 4.72 -2.61	57.32 4.34 -2.58	49.88 4.27 -1.63	44.87 3.71 0.00
NYPA____HOLTSVILL 23794	46.12 3.10 0.59	40.47 2.40 0.00	38.56 1.98 0.06	38.17 2.09 0.00	37.99 1.98 0.06	41.37 3.34 4.71	48.35 4.74 16.45	48.69 3.93 19.64	47.27 5.12 14.77	47.49 5.09 4.73	48.35 4.56 0.90	39.59 4.56 9.63	39.57 4.75 10.47	47.78 5.08 5.65	47.96 5.34 8.75	48.48 4.83 11.20	55.00 6.55 20.45	73.74 7.93 15.04	64.54 6.86 19.39	58.03 6.38 16.29	49.72 5.48 14.05	49.10 4.79 6.10	47.81 4.40 0.57	38.94 3.66 5.88
NYPA____HELLGATE_GT1 24158	47.02 3.40 -0.01	41.01 2.93 -0.01	39.35 2.71 0.00	38.79 2.71 0.00	38.60 2.52 0.00	45.78 3.04 0.00	63.78 3.72 0.00	68.38 3.99 0.01	61.35 4.44 0.01	51.60 4.48 0.01	48.83 4.16 0.01	48.99 4.33 0.01	49.76 4.48 0.01	53.13 4.79 0.01	56.30 4.93 0.01	60.09 4.55 -0.68	76.30 5.65 -1.74	87.80 6.95 0.01	83.08 6.02 0.01	73.30 5.37 0.01	65.34 4.43 -2.61	57.06 4.08 -2.57	49.84 4.22 -1.63	44.91 3.75 0.00
NYPA____HELLGATE_GT2 24159	47.02 3.40 -0.01	41.01 2.93 -0.01	39.35 2.71 0.00	38.79 2.71 0.00	38.60 2.52 0.00	45.78 3.04 0.00	63.78 3.72 0.00	68.38 3.99 0.01	61.35 4.44 0.01	51.60 4.48 0.01	48.83 4.16 0.01	48.99 4.33 0.01	49.76 4.48 0.01	53.13 4.79 0.01	56.30 4.93 0.01	60.09 4.55 -0.68	76.30 5.65 -1.74	87.80 6.95 0.01	83.08 6.02 0.01	73.30 5.37 0.01	65.34 4.43 -2.61	57.06 4.08 -2.57	49.84 4.22 -1.63	44.91 3.75 0.00
NYS_BARGE____HYD 23848	40.21 -3.40 0.00	35.22 -2.86 0.00	33.42 -3.22 0.00	32.69 -3.39 0.00	32.93 -3.14 0.00	38.43 -4.32 0.00	53.21 -6.85 0.00	56.09 -8.31 0.00	48.82 -8.08 0.01	40.99 -6.13 0.01	39.36 -5.32 0.01	39.07 -5.59 0.01	39.43 -5.84 0.01	41.71 -6.62 0.01	43.91 -7.45 0.01	46.63 -7.68 0.54	59.14 -9.16 0.60	70.33 -10.51 0.01	68.43 -8.63 0.01	59.57 -8.36 0.01	50.82 -7.64 -0.15	43.60 -6.96 -0.15	38.44 -5.63 -0.09	36.96 -4.20 0.00
OAK ORCHARD____HYD 24046	41.47 -2.14 0.00	36.25 -1.83 0.00	34.77 -1.87 0.00	34.13 -1.95 0.00	34.34 -1.73 0.00	40.31 -2.43 0.00	56.57 -3.48 0.00	60.34 -4.05 0.00	52.53 -4.38 0.01	43.82 -3.30 0.01	41.91 -2.77 0.01	41.71 -2.95 0.01	42.20 -3.08 0.01	44.76 -3.58 0.01	47.30 -4.06 0.01	50.28 -4.22 0.36	63.48 -5.10 0.33	75.59 -5.25 0.01	73.13 -3.93 0.01	63.72 -4.21 0.01	54.33 -4.14 -0.17	46.74 -3.83 -0.16	40.79 -3.30 -0.10	38.86 -2.30 0.00

OAKDALE___35_KV_LOAD 356122	43.44 -0.17 0.00	37.92 -0.15 0.00	36.50 -0.15 0.00	35.98 -0.11 0.00	35.96 -0.11 0.00	42.49 -0.26 0.00	59.88 -0.18 0.00	63.88 -0.52 0.00	56.40 -0.51 0.01	46.75 -0.38 0.01	44.32 -0.36 0.01	44.35 -0.31 0.01	45.01 -0.27 0.01	48.05 -0.29 0.01	51.01 -0.36 0.01	54.50 -0.33 0.03	69.08 -0.14 -0.31	80.76 -0.08 0.01	76.99 -0.08 0.01	67.80 -0.14 0.01	59.07 -0.06 -0.83	50.92 -0.30 -0.82	44.24 -0.26 -0.52	41.00 -0.16 0.00
OCC_CHEM___DRP 24175	39.21 -4.40 0.00	35.14 -2.93 0.00	33.53 -3.11 0.00	33.23 -2.85 0.00	33.08 -2.99 0.00	38.39 -4.36 0.00	52.25 -7.81 0.00	55.06 -9.34 0.00	47.85 -9.05 0.01	40.28 -6.83 0.01	38.51 -6.17 0.01	38.40 -6.25 0.01	38.89 -6.39 0.01	41.13 -7.20 0.01	43.14 -8.22 0.01	45.51 -8.78 0.57	58.00 -10.40 0.50	68.63 -12.21 0.01	66.88 -10.17 0.01	58.83 -9.10 0.01	49.69 -8.80 -0.19	42.58 -8.01 -0.19	37.72 -6.38 -0.11	36.26 -4.90 0.00
OH_GEN_PROXY 24063	39.86 -3.75 0.00	34.91 -3.16 0.00	33.49 -3.15 0.00	32.77 -3.32 0.00	32.97 -3.10 0.00	38.51 -4.23 0.00	53.21 -6.85 0.00	56.22 -8.18 0.00	48.88 -8.02 0.01	41.08 -6.03 0.01	39.40 -5.27 0.01	39.12 -5.54 0.01	39.48 -5.80 0.01	41.71 -6.62 0.01	43.91 -7.45 0.01	46.55 -7.73 0.57	57.80 -9.65 1.46	71.01 -10.67 -0.84	68.27 -8.79 0.01	59.43 -8.49 0.01	50.70 -7.75 -0.15	43.50 -7.06 -0.15	38.40 -5.67 -0.09	36.88 -4.28 0.00
OLIN_CORP_DRP 24177	39.90 -3.71 0.00	34.61 -3.46 0.00	33.01 -3.63 0.00	32.73 -3.36 0.00	32.57 -3.50 0.00	37.92 -4.83 0.00	52.49 -7.57 0.00	55.32 -9.08 0.00	48.14 -8.76 0.01	40.47 -6.65 0.01	38.69 -5.99 0.01	38.58 -6.07 0.01	39.11 -6.16 0.01	41.37 -6.96 0.01	43.40 -7.96 0.01	45.83 -8.45 0.58	58.35 -10.06 0.50	69.11 -11.72 0.01	67.27 -9.79 0.01	59.16 -8.76 0.01	50.09 -8.40 -0.19	42.88 -7.71 -0.19	37.94 -6.16 -0.11	36.51 -4.65 0.00
OLIN_CORP_DSASP 323712	39.21 -4.40 0.00	35.14 -2.93 0.00	33.53 -3.11 0.00	33.23 -2.85 0.00	33.08 -2.99 0.00	38.39 -4.36 0.00	52.25 -7.81 0.00	55.06 -9.34 0.00	47.85 -9.05 0.01	40.28 -6.83 0.01	38.51 -6.17 0.01	38.40 -6.25 0.01	38.89 -6.39 0.01	41.13 -7.20 0.01	43.14 -8.22 0.01	45.51 -8.78 0.57	58.00 -10.40 0.50	68.63 -12.21 0.01	66.88 -10.17 0.01	58.83 -9.10 0.01	49.69 -8.80 -0.19	42.58 -8.01 -0.19	37.72 -6.38 -0.11	36.26 -4.90 0.00
ONEIDA_HERK_LFGE 323681	44.09 0.48 0.00	38.49 0.42 0.00	37.05 0.40 0.00	36.37 0.29 0.00	36.43 0.36 0.00	43.39 0.64 0.00	61.14 1.08 0.00	65.56 1.16 0.00	57.65 0.74 0.00	47.55 0.42 0.00	45.22 0.54 0.00	45.29 0.63 0.00	45.83 0.55 0.00	48.88 0.53 0.00	52.14 0.77 0.00	55.87 0.99 -0.02	70.34 1.38 -0.06	82.31 1.46 0.00	78.38 1.31 0.00	68.78 1.15 0.32	59.27 0.99 0.03	51.45 0.96 -0.09	44.66 0.62 -0.06	41.70 0.53 0.00
ONEIDA___115KV_TB4 55905	44.22 0.61 0.00	38.64 0.57 0.00	37.19 0.55 0.00	36.55 0.47 0.00	36.61 0.54 0.00	43.56 0.81 0.00	61.50 1.44 0.00	65.88 1.48 0.00	58.05 1.14 0.00	47.88 0.75 0.00	45.36 0.67 0.00	45.43 0.76 0.00	46.15 0.86 0.00	49.22 0.87 0.00	52.45 1.08 0.00	56.22 1.32 -0.05	70.81 1.79 -0.12	82.87 2.02 0.00	79.00 1.93 0.00	69.57 1.63 0.00	59.81 1.34 -0.17	51.69 1.11 -0.17	44.84 0.75 -0.11	41.86 0.70 0.00
ONONDAGA_REF_OCCRA 23987	42.87 -0.74 0.00	37.46 -0.61 0.00	36.06 -0.59 0.00	35.54 -0.54 0.00	35.57 -0.51 0.00	42.06 -0.68 0.00	59.34 -0.72 0.00	63.62 -0.77 0.00	56.24 -0.68 0.00	46.57 -0.57 0.00	44.11 -0.58 0.00	44.18 -0.49 0.00	44.79 -0.50 0.00	47.87 -0.48 0.00	50.76 -0.62 0.00	54.55 -0.60 -0.30	68.66 -0.69 -0.45	80.21 -0.65 0.00	76.54 -0.54 0.00	67.40 -0.54 0.00	58.10 -0.58 -0.38	50.17 -0.60 -0.37	43.56 -0.66 -0.24	40.63 -0.54 0.00
ONONDAGA___COGEN 23986	42.87 -0.74 0.00	37.50 -0.57 0.00	36.09 -0.55 0.00	35.54 -0.54 0.00	35.57 -0.51 0.00	42.06 -0.68 0.00	59.34 -0.72 0.00	63.62 -0.77 0.00	56.29 -0.63 0.00	46.61 -0.52 0.00	44.15 -0.54 0.00	44.22 -0.45 0.00	44.83 -0.45 0.00	47.91 -0.44 0.00	50.81 -0.57 0.00	54.33 -0.60 -0.08	68.41 -0.69 -0.19	80.20 -0.65 0.00	76.53 -0.54 0.00	67.40 -0.54 0.00	57.95 -0.64 -0.29	50.04 -0.66 -0.28	43.50 -0.66 -0.18	40.63 -0.54 0.00
ONTARIO___LFGE 23819	42.21 -1.40 0.00	36.93 -1.14 0.00	35.47 -1.17 0.00	34.89 -1.19 0.00	35.03 -1.05 0.00	41.34 -1.41 0.00	58.37 -1.68 0.00	62.47 -1.93 0.00	54.87 -2.05 0.00	45.52 -1.60 0.00	43.30 -1.39 0.00	43.23 -1.43 0.00	43.83 -1.45 0.00	46.70 -1.64 0.00	49.47 -1.90 0.00	52.88 -1.92 0.06	66.65 -2.27 -0.02	78.67 -2.18 0.00	75.53 -1.54 0.00	66.04 -1.90 0.00	56.62 -1.92 -0.25	48.73 -1.92 -0.24	42.33 -1.81 -0.15	39.89 -1.28 0.00
ORANGEVILLE_WT_PWR 323706	40.25 -3.36 0.00	35.26 -2.82 0.00	33.71 -2.93 0.00	32.98 -3.10 0.00	33.08 -2.99 0.00	38.64 -4.10 0.00	53.81 -6.25 0.00	57.63 -6.76 0.00	50.03 -6.83 0.05	4.09 -5.89 37.14	4.01 -5.85 34.82	4.01 -5.85 34.81	4.04 -5.89 35.35	4.11 -6.19 38.05	4.11 -6.73 40.53	4.12 -7.02 43.72	59.19 -8.48 1.23	71.12 -9.70 0.03	68.49 -8.56 0.03	60.17 -7.75 0.03	51.62 -6.76 -0.08	44.24 -6.25 -0.08	38.88 -5.15 -0.04	37.01 -4.16 0.00
ORANGEVILLE___ESR 323794	40.25 -3.36 0.00	35.26 -2.82 0.00	33.71 -2.93 0.00	32.98 -3.10 0.00	33.08 -2.99 0.00	38.64 -4.10 0.00	53.81 -6.25 0.00	57.63 -6.76 0.00	50.03 -6.83 0.05	4.09 -5.89 37.14	4.01 -5.85 34.82	4.01 -5.85 34.81	4.04 -5.89 35.35	4.11 -6.19 38.05	4.11 -6.73 40.53	4.12 -7.02 43.72	59.19 -8.48 1.23	71.12 -9.70 0.03	68.49 -8.56 0.03	60.17 -7.75 0.03	51.62 -6.76 -0.08	44.24 -6.25 -0.08	38.88 -5.15 -0.04	37.01 -4.16 0.00
OSWEGATCHIE___HYD 24044	44.00 0.39 0.00	38.42 0.34 0.00	36.86 0.22 0.00	36.19 0.11 0.00	36.22 0.14 0.00	43.17 0.43 0.00	60.48 0.42 0.00	64.85 0.45 0.00	56.86 -0.06 0.00	46.85 -0.28 0.00	45.94 1.25 0.00	45.96 1.30 0.00	45.33 0.05 0.00	48.25 -0.10 0.00	51.42 0.05 0.00	55.04 0.17 -0.02	68.96 0.00 -0.05	80.53 -0.32 0.00	76.53 -0.54 0.00	65.94 -0.41 1.59	57.61 -0.17 0.52	50.88 0.40 -0.08	44.34 0.31 -0.05	41.33 0.17 0.00
OSWEGO___5 23606	42.21 -1.40 0.00	36.89 -1.18 0.00	35.54 -1.10 0.00	34.97 -1.12 0.00	35.03 -1.05 0.00	41.38 -1.37 0.00	58.26 -1.80 0.00	62.47 -1.93 0.00	55.15 -1.76 0.00	45.72 -1.41 0.00	43.35 -1.34 0.00	43.33 -1.34 0.00	43.93 -1.36 0.00	46.90 -1.45 0.00	49.78 -1.59 0.00	53.21 -1.70 -0.06	66.91 -2.14 -0.14	78.43 -2.42 0.00	74.99 -2.08 0.00	65.97 -1.97 0.00	56.77 -1.75 -0.21	49.00 -1.61 -0.21	42.67 -1.45 -0.13	39.93 -1.23 0.00
OSWEGO___6 23613	42.21 -1.40 0.00	36.89 -1.18 0.00	35.54 -1.10 0.00	34.97 -1.12 0.00	35.03 -1.05 0.00	41.38 -1.37 0.00	58.26 -1.80 0.00	62.47 -1.93 0.00	55.15 -1.76 0.00	45.72 -1.41 0.00	43.35 -1.34 0.00	43.33 -1.34 0.00	43.93 -1.36 0.00	46.90 -1.45 0.00	49.78 -1.59 0.00	53.21 -1.70 -0.06	66.91 -2.14 -0.14	78.43 -2.42 0.00	74.99 -2.08 0.00	65.97 -1.97 0.00	56.77 -1.75 -0.21	49.00 -1.61 -0.21	42.67 -1.45 -0.13	39.93 -1.23 0.00

OUTOKUMPU-AB___DRP 24206	40.08 -3.53 0.00	35.37 -2.70 0.00	33.75 -2.89 0.00	33.45 -2.63 0.00	33.29 -2.78 0.00	38.77 -3.98 0.00	53.39 -6.67 0.00	56.28 -8.11 0.00	49.10 -7.80 0.01	41.27 -5.84 0.01	39.44 -5.23 0.01	39.34 -5.32 0.01	39.88 -5.39 0.01	42.24 -6.09 0.01	44.37 -6.99 0.01	46.91 -7.35 0.59	59.64 -8.75 0.51	70.73 -10.11 0.01	68.66 -8.40 0.01	60.32 -7.61 0.01	51.26 -7.23 -0.19	43.84 -6.75 -0.19	38.73 -5.37 -0.11	37.09 -4.08 0.00
OXBOW___BTM 323836	39.69 -3.92 0.00	34.76 -3.31 0.00	33.68 -2.97 0.00	32.94 -3.14 0.00	33.15 -2.92 0.00	38.64 -4.10 0.00	52.79 -7.27 0.00	55.70 -8.69 0.00	48.54 -8.37 0.01	40.80 -6.31 0.01	39.18 -5.50 0.01	38.89 -5.76 0.01	39.21 -6.07 0.01	41.47 -6.87 0.01	43.65 -7.71 0.01	46.32 -7.95 0.58	58.68 -9.58 0.65	69.76 -11.07 0.02	67.88 -9.17 0.02	59.10 -8.83 0.02	50.35 -8.10 -0.15	43.24 -7.31 -0.15	38.22 -5.85 -0.09	36.72 -4.45 0.00
OXBOW___ 24026	39.69 -3.92 0.00	35.29 -2.78 0.00	33.67 -2.97 0.00	33.38 -2.71 0.00	33.22 -2.85 0.00	38.60 -4.15 0.00	52.85 -7.21 0.00	55.77 -8.63 0.00	48.54 -8.37 0.01	40.85 -6.27 0.01	39.04 -5.63 0.01	38.94 -5.72 0.01	39.43 -5.84 0.01	41.76 -6.58 0.01	43.81 -7.55 0.01	46.26 -8.01 0.58	58.89 -9.51 0.50	69.76 -11.08 0.01	67.89 -9.17 0.01	59.71 -8.22 0.01	50.56 -7.93 -0.19	43.28 -7.31 -0.19	38.29 -5.81 -0.11	36.72 -4.45 0.00
OXY_CHEM_DSASP 323612	39.21 -4.40 0.00	35.14 -2.93 0.00	33.53 -3.11 0.00	33.23 -2.85 0.00	33.08 -2.99 0.00	38.39 -4.36 0.00	52.25 -7.81 0.00	55.06 -9.34 0.00	47.85 -9.05 0.01	40.28 -6.83 0.01	38.51 -6.17 0.01	38.40 -6.25 0.01	38.89 -6.39 0.01	41.13 -7.20 0.01	43.14 -8.22 0.01	45.51 -8.78 0.57	58.00 -10.40 0.50	68.63 -12.21 0.01	66.88 -10.17 0.01	58.83 -9.10 0.01	49.69 -8.80 -0.19	42.58 -8.01 -0.19	37.72 -6.38 -0.11	36.26 -4.90 0.00
OZONE_PARK_ESR 323760	46.97 3.36 0.00	40.89 2.82 0.00	39.32 2.67 0.00	38.65 2.56 0.00	38.60 2.53 0.00	46.00 3.25 0.00	64.80 4.74 0.00	69.68 5.28 0.00	62.55 5.63 0.00	52.41 5.28 0.00	49.51 4.83 0.00	49.63 4.96 0.00	50.40 5.12 0.00	53.72 5.37 0.00	57.07 5.70 0.00	61.20 5.65 -0.69	77.82 7.17 -1.75	89.66 8.81 0.00	84.85 7.78 0.00	74.74 6.79 0.00	66.69 5.77 -2.62	58.03 5.04 -2.58	50.19 4.57 -1.63	45.07 3.91 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	39.21 -4.40 0.00	35.14 -2.93 0.00	33.53 -3.11 0.00	33.23 -2.85 0.00	33.08 -2.99 0.00	38.39 -4.36 0.00	52.25 -7.81 0.00	55.06 -9.34 0.00	47.85 -9.05 0.01	40.28 -6.83 0.01	38.51 -6.17 0.01	38.40 -6.25 0.01	38.89 -6.39 0.01	41.13 -7.20 0.01	43.14 -8.22 0.01	45.51 -8.78 0.57	58.00 -10.40 0.50	68.63 -12.21 0.01	66.88 -10.17 0.01	58.83 -9.10 0.01	49.69 -8.80 -0.19	42.58 -8.01 -0.19	37.72 -6.38 -0.11	36.26 -4.90 0.00
PACKARD___115KV_DUPONT_184 80571	39.21 -4.40 0.00	34.34 -3.73 0.00	33.53 -3.11 0.00	32.80 -3.28 0.00	33.01 -3.07 0.00	38.43 -4.32 0.00	52.19 -7.87 0.00	55.06 -9.34 0.00	47.80 -9.11 0.01	40.28 -6.83 0.01	38.69 -5.99 0.01	38.36 -6.30 0.01	38.66 -6.61 0.01	40.84 -7.49 0.01	42.93 -8.43 0.01	45.51 -8.78 0.57	57.80 -10.47 0.63	68.55 -12.29 0.02	66.96 -10.09 0.02	58.14 -9.78 0.02	49.47 -8.98 -0.15	42.54 -8.02 -0.15	37.65 -6.42 -0.09	36.26 -4.90 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	47.06 3.45 0.00	40.97 2.89 0.00	39.39 2.75 0.00	38.72 2.63 0.00	38.63 2.56 0.00	45.78 3.04 0.00	63.84 3.78 0.00	68.38 3.99 0.01	61.36 4.44 0.00	51.70 4.57 0.00	48.84 4.16 0.00	48.96 4.29 0.00	49.72 4.44 0.00	52.94 4.59 0.00	56.20 4.83 0.00	60.10 4.55 -0.69	76.30 5.65 -1.74	87.88 7.03 0.01	83.07 6.01 0.01	73.17 5.23 0.01	65.40 4.49 -2.61	57.12 4.13 -2.58	49.84 4.22 -1.63	44.95 3.79 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	47.58 3.97 0.00	41.42 3.35 0.00	39.83 3.19 0.00	39.15 3.07 0.00	39.03 2.96 0.00	46.29 3.55 0.00	64.50 4.44 0.00	69.15 4.77 0.01	61.98 5.07 0.00	52.17 5.04 0.00	49.29 4.60 0.00	49.40 4.73 0.00	50.18 4.89 0.00	53.43 5.08 0.00	56.71 5.34 0.00	60.65 5.10 -0.69	77.06 6.41 -1.74	88.68 7.84 0.01	83.92 6.86 0.01	73.91 5.98 0.01	65.99 5.07 -2.61	57.62 4.64 -2.58	50.28 4.66 -1.63	45.36 4.20 0.00
PATROON___115KV_TB1 80586	45.22 1.61 0.00	39.44 1.37 0.00	38.03 1.39 0.00	37.49 1.41 0.00	37.48 1.41 0.00	44.33 1.58 0.00	62.40 2.34 0.00	66.91 2.51 0.00	59.25 2.33 0.00	48.87 1.74 0.00	46.38 1.70 0.00	46.28 1.61 0.00	46.83 1.54 0.00	50.19 1.84 0.00	53.48 2.11 0.00	58.06 2.41 -0.79	73.96 3.03 -2.02	84.33 3.48 0.00	80.46 3.39 0.00	70.86 2.92 0.00	63.89 2.57 -3.02	55.50 2.12 -2.97	47.67 1.80 -1.88	42.81 1.65 0.00
PATTRSNVILLE___SOLAR 323815	44.88 1.27 0.00	39.18 1.10 0.00	37.71 1.06 0.00	37.20 1.12 0.00	37.15 1.08 0.00	44.11 1.37 0.00	62.16 2.10 0.00	66.13 1.74 0.00	57.94 1.03 0.00	47.60 0.47 0.00	45.13 0.45 0.00	45.02 0.36 0.00	45.69 0.41 0.00	49.07 0.73 0.00	52.50 1.13 0.00	57.35 1.64 -0.85	73.54 2.48 -2.16	83.68 2.83 0.00	79.92 2.85 0.00	70.46 2.52 0.00	63.62 2.10 -3.23	55.34 1.76 -3.17	47.49 1.50 -2.01	42.44 1.28 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	40.25 -3.36 0.00	35.26 -2.82 0.00	33.71 -2.93 0.00	33.34 -2.74 0.00	33.22 -2.85 0.00	38.77 -3.98 0.00	53.93 -6.13 0.00	56.86 -7.53 0.00	50.70 -6.20 0.02	42.07 -5.04 0.02	40.25 -4.42 0.02	40.19 -4.47 0.02	40.92 -4.35 0.02	43.74 -4.59 0.02	46.22 -5.14 0.02	49.37 -4.77 0.72	62.34 -5.93 0.63	73.48 -7.36 0.02	69.58 -7.48 0.02	61.27 -6.66 0.02	53.76 -4.72 -0.19	45.60 -4.99 -0.18	39.87 -4.22 -0.11	37.37 -3.79 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	46.49 2.88 0.00	40.47 2.40 0.00	39.02 2.38 0.00	38.36 2.27 0.00	38.31 2.24 0.00	45.57 2.82 0.00	64.26 4.20 0.00	68.97 4.57 0.00	61.64 4.72 0.00	51.37 4.24 0.00	48.53 3.84 0.00	48.69 4.02 0.00	49.54 4.26 0.00	52.89 4.54 0.00	56.25 4.88 0.00	60.43 4.88 -0.69	76.93 6.27 -1.76	88.53 7.68 0.00	83.78 6.71 0.00	73.78 5.84 0.00	65.89 4.96 -2.63	57.38 4.39 -2.59	49.50 3.87 -1.64	44.50 3.33 0.00
PEEKSKILL___ 23653	46.23 2.62 0.00	40.32 2.25 0.00	38.77 2.12 0.00	38.21 2.13 0.00	38.09 2.02 0.00	45.35 2.61 0.00	63.84 3.79 0.00	68.58 4.18 0.00	61.36 4.44 0.00	51.23 4.10 0.00	48.44 3.75 0.00	48.60 3.93 0.00	49.36 4.08 0.00	52.75 4.40 0.00	56.00 4.63 0.00	60.04 4.50 -0.68	76.36 5.72 -1.74	87.97 7.12 0.00	83.31 6.24 0.00	73.44 5.50 0.00	65.50 4.60 -2.60	57.04 4.08 -2.56	49.25 3.65 -1.62	44.29 3.13 0.00
PGE MADISON___WINDPWR 24146	45.27 1.66 0.00	39.48 1.41 0.00	37.92 1.28 0.00	37.13 1.05 0.00	37.23 1.15 0.00	44.63 1.88 0.00	63.30 3.24 0.00	67.74 3.35 0.00	59.21 2.28 -0.02	48.56 1.41 -0.02	45.73 1.03 -0.02	45.98 1.30 -0.02	46.98 1.68 -0.02	50.11 1.74 -0.02	53.70 2.31 -0.02	58.95 2.91 -1.18	74.91 4.34 -1.67	86.04 5.17 -0.02	81.71 4.62 -0.02	71.83 3.87 -0.02	62.86 3.32 -1.24	54.09 2.47 -1.22	46.48 1.72 -0.78	42.68 1.52 0.00

PIERCEFIELD___HYD 23852	44.57 0.96 0.00	38.91 0.84 0.00	37.30 0.66 0.00	36.66 0.58 0.00	36.65 0.58 0.00	43.82 1.07 0.00	61.02 0.96 0.00	65.49 1.09 0.00	57.48 0.57 0.00	47.32 0.19 0.00	47.19 2.50 0.00	47.17 2.50 0.00	45.74 0.45 0.00	48.74 0.39 0.00	51.78 0.41 0.00	55.36 0.49 -0.01	69.21 0.28 -0.03	80.61 -0.24 0.00	76.38 -0.69 0.00	65.18 -0.41 2.35	57.34 -0.12 0.84	50.95 0.50 -0.04	44.63 0.62 -0.03	41.66 0.49 0.00
PINELAWN_CC_1 323563	46.57 3.40 0.45	40.85 2.78 0.00	38.87 2.27 0.04	38.50 2.42 0.00	38.34 2.31 0.04	47.27 3.59 -0.93	52.79 5.05 12.31	53.64 4.25 15.01	51.50 5.46 10.88	52.06 5.32 0.39	53.44 4.96 -3.80	51.57 5.00 -1.90	53.16 5.21 -2.67	52.91 5.18 0.61	52.14 5.44 4.67	58.89 4.94 0.91	61.53 6.62 13.99	77.57 7.68 10.96	68.88 6.70 14.90	63.44 6.46 10.96	53.96 5.48 9.82	52.50 4.84 2.75	50.85 4.79 -2.07	46.31 3.99 -1.16
PJM_GEN_HTP_PROXY 323702	46.58 2.97 0.00	40.59 2.51 0.00	39.02 2.38 0.00	38.43 2.34 0.00	38.31 2.24 0.00	45.65 2.91 0.00	64.26 4.20 0.00	69.03 4.64 0.00	61.98 5.06 0.00	51.84 4.71 0.00	49.02 4.33 0.00	49.18 4.51 0.00	49.91 4.62 0.00	53.28 4.93 0.00	56.56 5.19 0.00	60.59 5.04 -0.69	76.22 6.41 -0.90	89.63 7.93 -0.85	83.93 6.86 0.00	74.06 6.12 0.00	65.99 5.07 -2.62	57.47 4.48 -2.58	49.71 4.09 -1.63	44.66 3.50 0.00
PJM_GEN_KEystone 24065	43.13 -0.48 0.00	37.73 -0.34 0.00	36.24 -0.40 0.00	35.58 -0.51 0.00	35.60 -0.47 0.00	42.11 -0.64 0.00	58.98 -1.08 0.00	62.85 -1.55 0.00	55.82 -1.08 0.01	46.50 -0.61 0.01	44.14 -0.53 0.01	44.17 -0.49 0.01	44.87 -0.41 0.01	47.85 -0.48 0.01	50.75 -0.61 0.01	53.83 -0.82 0.21	67.58 -0.82 0.50	81.04 -0.65 -0.84	76.29 -0.77 0.01	67.25 -0.68 0.01	58.95 -0.70 -1.34	50.92 -0.81 -1.32	44.24 -0.57 -0.83	40.79 -0.37 0.00
PJM_GEN_NEPTUNE_PROXY 323594	46.27 3.31 0.66	40.69 2.63 0.01	38.81 2.24 0.07	38.39 2.31 0.01	38.20 2.20 0.07	38.90 3.51 7.36	46.58 4.86 18.34	46.70 4.06 21.75	45.67 5.29 16.54	45.60 5.23 6.76	46.45 4.78 3.02	45.93 4.91 3.65	44.56 5.12 5.84	45.89 5.46 7.92	46.43 5.70 10.64	44.16 5.16 15.85	51.80 6.96 24.06	74.94 8.41 14.32	63.99 7.33 20.41	56.37 6.73 18.30	48.06 5.72 15.95	47.86 5.09 7.64	46.84 4.66 1.81	35.89 3.91 9.18
PJM_GEN_VFT_PROXY 323633	45.54 2.75 0.82	40.47 2.40 0.00	38.88 2.24 0.00	38.32 2.24 0.00	38.20 2.13 0.00	45.52 2.78 0.00	64.08 4.02 0.00	68.90 4.51 0.00	62.04 5.12 0.00	51.89 4.76 0.00	49.07 4.38 0.00	49.23 4.56 0.00	50.00 4.71 0.00	53.38 5.03 0.00	56.61 5.24 0.00	60.59 5.04 -0.69	76.22 6.41 -0.90	89.54 7.84 -0.85	83.85 6.78 0.00	73.99 6.04 0.00	65.99 5.07 -2.62	57.47 4.48 -2.58	49.71 4.09 -1.63	44.62 3.46 0.00
PLATSBURG_115KV_PMLD1 355749	44.31 0.70 0.00	38.57 0.49 0.00	36.90 0.26 0.00	36.26 0.18 0.00	36.22 0.14 0.00	43.13 0.38 0.00	59.15 -0.90 0.00	63.24 -1.16 0.00	55.72 -1.20 0.00	46.23 -0.90 0.00	43.97 -0.71 0.00	43.82 -0.85 0.00	44.24 -1.04 0.00	47.09 -1.26 0.00	50.04 -1.34 0.00	53.16 -1.70 0.00	66.56 -2.34 0.00	77.86 -2.99 0.00	73.68 -3.39 0.00	50.77 -2.92 14.25	50.69 -2.27 5.34	48.94 -1.46 0.00	43.10 -0.88 0.00	40.22 -0.95 0.00
PLEASANTVLY___LBMP 24000	45.97 2.35 0.00	40.05 1.98 0.00	38.58 1.94 0.00	37.92 1.84 0.00	37.88 1.80 0.00	45.10 2.35 0.00	63.42 3.36 0.00	68.07 3.67 0.00	60.90 3.98 0.00	50.85 3.72 0.00	48.08 3.40 0.00	48.15 3.48 0.00	48.91 3.62 0.00	52.17 3.82 0.00	55.43 4.06 0.00	59.56 4.00 -0.70	75.79 5.10 -1.79	87.16 6.31 0.00	82.62 5.55 0.00	72.77 4.82 0.00	65.12 4.14 -2.68	56.67 3.63 -2.63	48.95 3.30 -1.67	43.96 2.80 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	46.31 2.70 0.00	40.36 2.28 0.00	38.84 2.20 0.00	38.18 2.09 0.00	38.13 2.06 0.00	45.44 2.69 0.00	63.96 3.90 0.00	68.71 4.31 0.00	61.53 4.61 0.00	51.42 4.29 0.00	48.62 3.93 0.00	48.73 4.06 0.00	49.50 4.21 0.00	52.80 4.45 0.00	56.10 4.73 0.00	60.21 4.66 -0.69	76.59 5.93 -1.76	88.13 7.28 0.00	83.47 6.40 0.00	73.51 5.57 0.00	65.65 4.72 -2.63	57.18 4.18 -2.59	49.36 3.74 -1.64	44.37 3.21 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	46.31 2.70 0.00	40.36 2.28 0.00	38.84 2.20 0.00	38.18 2.09 0.00	38.13 2.06 0.00	45.44 2.69 0.00	63.96 3.90 0.00	68.71 4.31 0.00	61.53 4.61 0.00	51.42 4.29 0.00	48.62 3.93 0.00	48.73 4.06 0.00	49.50 4.21 0.00	52.80 4.45 0.00	56.10 4.73 0.00	60.21 4.66 -0.69	76.59 5.93 -1.76	88.13 7.28 0.00	83.47 6.40 0.00	73.51 5.57 0.00	65.65 4.72 -2.63	57.18 4.18 -2.59	49.36 3.74 -1.64	44.37 3.21 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	46.14 2.53 0.00	40.17 2.09 0.00	38.73 2.09 0.00	38.07 1.98 0.00	38.06 1.98 0.00	45.23 2.48 0.00	63.78 3.72 0.00	68.52 4.12 0.00	61.07 4.15 0.00	50.90 3.77 0.00	48.08 3.40 0.00	48.15 3.48 0.00	48.91 3.62 0.00	52.26 3.92 0.00	55.53 4.16 0.00	59.78 4.22 -0.69	76.11 5.44 -1.77	87.64 6.79 0.00	83.08 6.01 0.00	73.17 5.23 0.00	65.43 4.49 -2.64	56.89 3.88 -2.60	49.11 3.47 -1.65	44.13 2.96 0.00
POLETTI_____ 23519	46.97 3.36 0.00	40.93 2.86 0.00	39.32 2.67 0.00	38.65 2.56 0.00	38.56 2.49 0.00	45.74 2.99 0.00	63.72 3.66 0.00	68.38 3.99 0.01	61.36 4.44 0.00	51.65 4.52 0.00	48.89 4.20 0.00	49.00 4.33 0.00	49.72 4.44 0.00	52.99 4.64 0.00	56.25 4.88 0.00	60.10 4.55 -0.69	76.30 5.65 -1.74	87.88 7.03 0.01	83.07 6.01 0.01	73.17 5.23 0.01	65.40 4.49 -2.61	57.07 4.08 -2.58	49.80 4.18 -1.63	44.91 3.75 0.00
POMONA___ESR 323819	46.32 2.70 0.00	40.36 2.28 0.00	38.84 2.20 0.00	38.25 2.16 0.00	38.16 2.09 0.00	45.44 2.69 0.00	63.96 3.90 0.00	68.71 4.32 0.00	61.47 4.55 0.00	51.28 4.15 0.00	48.48 3.80 0.00	48.64 3.97 0.00	49.41 4.12 0.00	52.79 4.45 0.00	56.05 4.67 0.00	60.08 4.55 -0.67	76.47 5.85 -1.72	88.13 7.28 0.00	83.46 6.39 0.00	73.65 5.71 0.00	65.59 4.72 -2.57	57.12 4.18 -2.53	49.32 3.74 -1.60	44.37 3.21 0.00
PORT_JEFF_3 23555	46.16 3.14 0.59	40.51 2.44 0.00	38.63 2.05 0.06	38.21 2.13 0.00	38.03 2.02 0.06	41.53 3.42 4.63	48.47 4.81 16.40	48.88 4.06 19.57	47.43 5.23 14.72	47.59 5.14 4.67	48.50 4.65 0.84	39.62 4.65 9.70	39.68 4.89 10.50	47.95 5.18 5.58	48.12 5.44 8.70	48.73 4.94 11.07	55.26 6.76 20.40	73.86 8.16 15.15	64.73 7.09 19.43	58.26 6.59 16.27	49.90 5.60 14.00	49.24 4.89 6.05	47.94 4.49 0.53	39.08 3.71 5.79
PORT_JEFF_4 23616	46.16 3.14 0.59	40.51 2.44 0.00	38.63 2.05 0.06	38.21 2.13 0.00	38.03 2.02 0.06	41.53 3.42 4.63	48.47 4.81 16.40	48.88 4.06 19.57	47.43 5.23 14.72	47.59 5.14 4.67	48.50 4.65 0.84	39.62 4.65 9.70	39.68 4.89 10.50	47.95 5.18 5.58	48.12 5.44 8.70	48.73 4.94 11.07	55.26 6.76 20.40	73.86 8.16 15.15	64.73 7.09 19.43	58.26 6.59 16.27	49.90 5.60 14.00	49.24 4.89 6.05	47.94 4.49 0.53	39.08 3.71 5.79

PORT_JEFF_IC 23713	46.21 3.18 0.58	40.47 2.40 0.00	38.63 2.05 0.06	38.14 2.06 0.00	38.03 2.02 0.06	41.83 3.46 4.38	48.65 4.80 16.21	49.08 4.06 19.37	47.60 5.24 14.55	47.69 5.04 4.48	48.74 4.69 0.63	39.46 4.73 9.94	39.54 4.89 10.64	48.11 5.12 5.36	48.30 5.45 8.51	49.78 5.54 10.62	55.50 6.82 20.23	73.55 8.25 15.55	64.65 7.17 19.58	58.24 6.52 16.22	50.08 5.60 13.82	49.45 4.94 5.90	47.84 4.27 0.41	39.52 3.83 5.47
PPL PILGRIM_ST_GT1 24216	46.20 3.14 0.55	40.96 2.89 0.00	38.71 2.12 0.06	38.64 2.56 0.00	38.40 2.38 0.06	42.97 3.38 3.15	49.62 4.93 15.36	50.17 4.18 18.41	48.46 5.29 13.75	48.82 5.23 3.53	49.90 4.87 -0.35	48.06 4.91 1.52	48.28 5.12 2.12	49.50 5.46 4.31	49.48 5.75 7.64	51.65 5.27 8.48	57.34 7.23 18.80	74.82 8.73 14.76	66.10 7.71 18.68	59.95 7.07 15.06	51.30 5.95 12.95	50.41 5.19 5.19	48.81 4.66 -0.16	40.98 3.75 3.93
PPL PILGRIM_ST_GT2 24217	46.20 3.14 0.55	40.96 2.89 0.00	38.71 2.12 0.06	38.64 2.56 0.00	38.40 2.38 0.06	42.97 3.38 3.15	49.62 4.93 15.36	50.17 4.18 18.41	48.46 5.29 13.75	48.82 5.23 3.53	49.90 4.87 -0.35	48.06 4.91 1.52	48.28 5.12 2.12	49.50 5.46 4.31	49.48 5.75 7.64	51.65 5.27 8.48	57.34 7.23 18.80	74.82 8.73 14.76	66.10 7.71 18.68	59.95 7.07 15.06	51.30 5.95 12.95	50.41 5.19 5.19	48.81 4.66 -0.16	40.98 3.75 3.93
PPL_SHRM_GT3 24213	45.60 2.57 0.59	39.97 1.90 0.00	38.08 1.50 0.06	37.71 1.63 0.00	37.53 1.51 0.06	41.10 2.86 4.52	47.83 4.09 16.31	48.13 3.22 19.48	46.77 4.50 14.64	47.07 4.52 4.58	48.01 4.07 0.74	39.08 3.97 9.56	39.12 4.16 10.33	47.32 4.45 5.48	47.43 4.67 8.61	48.11 4.12 10.86	54.33 5.72 20.29	72.68 7.03 15.20	63.67 6.02 19.42	57.37 5.64 16.20	49.17 4.78 13.92	48.61 4.18 5.98	47.33 3.82 0.48	38.57 3.05 5.64
PPL_SHRM_GT4 24214	45.60 2.57 0.59	39.97 1.90 0.00	38.08 1.50 0.06	37.71 1.63 0.00	37.53 1.51 0.06	41.10 2.86 4.52	47.83 4.09 16.31	48.13 3.22 19.48	46.77 4.50 14.64	47.07 4.52 4.58	48.01 4.07 0.74	39.08 3.97 9.56	39.12 4.16 10.33	47.32 4.45 5.48	47.43 4.67 8.61	48.11 4.12 10.86	54.33 5.72 20.29	72.68 7.03 15.20	63.67 6.02 19.42	57.37 5.64 16.20	49.17 4.78 13.92	48.61 4.18 5.98	47.33 3.82 0.48	38.57 3.05 5.64
PROJECT___ORANGE 1 24174	42.65 -0.96 0.00	37.31 -0.76 0.00	35.91 -0.73 0.00	35.40 -0.69 0.00	35.39 -0.69 0.00	41.85 -0.90 0.00	59.03 -1.02 0.00	63.30 -1.09 0.00	55.95 -0.97 0.00	46.37 -0.75 0.00	43.93 -0.76 0.00	44.00 -0.67 0.00	44.61 -0.68 0.00	47.67 -0.87 0.00	50.50 -0.87 0.00	53.99 -0.93 -0.07	67.91 -1.17 -0.18	79.64 -1.21 0.00	76.07 -1.00 0.00	66.92 -1.02 0.00	57.57 -0.99 -0.26	49.71 -0.96 -0.26	43.22 -0.92 -0.17	40.42 -0.74 0.00
PROJECT___ORANGE 2 24166	42.65 -0.96 0.00	37.31 -0.76 0.00	35.91 -0.73 0.00	35.40 -0.69 0.00	35.39 -0.69 0.00	41.85 -0.90 0.00	59.03 -1.02 0.00	63.30 -1.09 0.00	55.95 -0.97 0.00	46.37 -0.75 0.00	43.93 -0.76 0.00	44.00 -0.67 0.00	44.61 -0.68 0.00	47.67 -0.87 0.00	50.50 -0.87 0.00	53.99 -0.93 -0.07	67.91 -1.17 -0.18	79.64 -1.21 0.00	76.07 -1.00 0.00	66.92 -1.02 0.00	57.57 -0.99 -0.26	49.71 -0.96 -0.26	43.22 -0.92 -0.17	40.42 -0.74 0.00
PUCKETT___SOLAR 323809	44.00 0.39 0.00	38.42 0.34 0.00	36.97 0.33 0.00	36.34 0.25 0.00	36.40 0.32 0.00	43.17 0.43 0.00	60.90 0.84 0.00	65.10 0.71 0.00	57.32 0.40 0.00	47.32 0.19 0.00	44.69 0.00 0.00	44.76 0.09 0.00	45.56 0.27 0.00	48.73 0.38 0.00	51.89 0.51 0.00	55.83 0.71 -0.26	70.81 1.24 -0.66	82.55 1.70 0.00	78.61 1.54 0.00	69.23 1.29 0.00	60.39 1.10 -0.99	52.03 0.65 -0.97	45.04 0.44 -0.62	41.62 0.45 0.00
PYRITES___HYD 24023	45.18 1.57 0.00	39.48 1.41 0.00	37.78 1.14 0.00	37.13 1.05 0.00	37.12 1.05 0.00	44.50 1.75 0.00	62.16 2.10 0.00	66.65 2.25 0.00	58.22 1.31 0.00	47.74 0.61 0.00	46.88 2.19 0.00	46.86 2.19 0.00	46.15 0.86 0.00	49.12 0.77 0.00	52.24 0.87 0.00	55.91 1.04 -0.01	70.17 1.24 -0.03	81.98 1.13 0.00	77.84 0.77 0.00	66.73 0.88 2.10	58.60 1.05 0.75	51.86 1.41 -0.04	45.28 1.28 -0.02	42.23 1.07 0.00
QUAKERRD_115KV_BK1 80622	40.82 -2.79 0.00	35.75 -2.32 0.00	34.26 -2.38 0.00	33.88 -2.20 0.00	33.87 -2.20 0.00	39.75 -2.99 0.00	55.97 -4.08 0.00	59.69 -4.70 0.00	52.07 -4.84 0.00	43.35 -3.77 0.00	41.33 -3.35 0.00	41.27 -3.39 0.00	41.93 -3.35 0.00	44.62 -3.72 0.00	47.15 -4.21 0.00	50.06 -4.61 0.19	63.22 -5.58 0.10	74.86 -5.98 0.00	72.21 -4.86 0.00	63.38 -4.55 0.00	53.90 -4.61 -0.21	46.33 -4.28 -0.21	40.33 -3.78 -0.13	38.28 -2.88 0.00
QUENSBRY_115KV_TB8 356137	45.44 1.83 0.00	39.63 1.56 0.00	38.18 1.54 0.00	37.64 1.55 0.00	37.62 1.55 0.00	44.71 1.97 0.00	62.88 2.82 0.00	67.29 2.90 0.00	59.02 2.11 0.00	48.21 1.08 0.00	45.89 1.21 0.00	45.61 0.94 0.00	46.06 0.77 0.00	49.65 1.31 0.00	53.07 1.70 0.00	57.92 2.25 -0.82	74.15 3.17 -2.08	84.57 3.72 0.00	80.92 3.85 0.00	71.13 3.19 0.00	64.27 2.86 -3.11	55.68 2.22 -3.06	47.86 1.94 -1.94	42.89 1.73 0.00
RAMAPO___LBMP 323565	46.18 2.57 0.00	40.21 2.13 0.00	38.73 2.09 0.00	38.10 2.02 0.00	38.06 1.98 0.00	45.31 2.56 0.00	63.78 3.72 0.00	68.52 4.12 0.00	61.30 4.38 0.00	51.18 4.05 0.00	48.39 3.71 0.00	48.47 3.80 0.00	49.23 3.94 0.00	52.55 4.21 0.00	55.84 4.47 0.00	59.92 4.39 -0.67	76.20 5.58 -1.71	87.80 6.95 0.00	83.24 6.17 0.00	73.31 5.37 0.00	65.41 4.55 -2.56	56.91 3.98 -2.52	49.14 3.56 -1.60	44.25 3.09 0.00
RANKINE____ 23646	40.30 -3.31 0.00	35.33 -2.74 0.00	33.75 -2.89 0.00	33.41 -2.67 0.00	33.26 -2.81 0.00	38.77 -3.98 0.00	53.81 -6.25 0.00	56.73 -7.66 0.00	49.90 -7.00 0.01	41.74 -5.37 0.01	39.89 -4.78 0.01	39.79 -4.87 0.01	40.38 -4.89 0.01	42.92 -5.42 0.01	45.19 -6.16 0.01	47.93 -6.25 0.67	60.53 -7.79 0.59	71.94 -8.89 0.01	69.27 -7.78 0.01	60.93 -7.00 0.01	52.37 -6.12 -0.19	44.65 -5.95 -0.19	39.30 -4.79 -0.11	37.33 -3.83 0.00
RAVENSWOOD_GT2_1 24244	46.62 3.01 0.00	40.59 2.51 0.00	39.06 2.42 0.00	38.39 2.31 0.00	38.35 2.27 0.00	45.70 2.95 0.00	64.26 4.20 0.00	69.03 4.64 0.00	61.92 5.01 0.00	51.93 4.81 0.00	49.07 4.38 0.00	49.18 4.51 0.00	49.95 4.66 0.00	53.23 4.88 0.00	56.56 5.19 0.00	60.59 5.05 -0.69	77.06 6.41 -1.75	88.69 7.84 0.00	83.93 6.86 0.00	73.92 5.98 0.00	65.99 5.07 -2.62	57.52 4.54 -2.58	49.75 4.13 -1.63	44.70 3.54 0.00
RAVENSWOOD_GT2_2 24245	46.62 3.01 0.00	40.59 2.51 0.00	39.06 2.42 0.00	38.39 2.31 0.00	38.35 2.27 0.00	45.70 2.95 0.00	64.26 4.20 0.00	69.03 4.64 0.00	61.92 5.01 0.00	51.93 4.81 0.00	49.07 4.38 0.00	49.18 4.51 0.00	49.95 4.66 0.00	53.23 4.88 0.00	56.56 5.19 0.00	60.59 5.05 -0.69	77.06 6.41 -1.75	88.69 7.84 0.00	83.93 6.86 0.00	73.92 5.98 0.00	65.99 5.07 -2.62	57.52 4.54 -2.58	49.75 4.13 -1.63	44.70 3.54 0.00

RAVENSWOOD_GT2_3 24246	46.62 3.01 0.00	40.62 2.55 0.00	39.06 2.42 0.00	38.43 2.35 0.00	38.35 2.27 0.00	45.70 2.95 0.00	64.26 4.20 0.00	69.03 4.64 0.00	61.98 5.07 0.00	51.93 4.81 0.00	49.07 4.38 0.00	49.22 4.56 0.00	49.95 4.66 0.00	53.28 4.93 0.00	56.56 5.19 0.00	60.65 5.10 -0.69	77.06 6.41 -1.75	88.77 7.92 0.00	84.01 6.94 0.00	73.99 6.05 0.00	66.05 5.13 -2.62	57.52 4.54 -2.58	49.80 4.18 -1.63	44.74 3.58 0.00
RAVENSWOOD_GT2_4 24247	46.62 3.01 0.00	40.62 2.55 0.00	39.06 2.42 0.00	38.43 2.35 0.00	38.35 2.27 0.00	45.70 2.95 0.00	64.26 4.20 0.00	69.03 4.64 0.00	61.98 5.07 0.00	51.93 4.81 0.00	49.07 4.38 0.00	49.22 4.56 0.00	49.95 4.66 0.00	53.28 4.93 0.00	56.56 5.19 0.00	60.65 5.10 -0.69	77.06 6.41 -1.75	88.77 7.92 0.00	84.01 6.94 0.00	73.99 6.05 0.00	66.05 5.13 -2.62	57.52 4.54 -2.58	49.80 4.18 -1.63	44.74 3.58 0.00
RAVENSWOOD_GT3_1 24248	46.62 3.01 0.00	40.62 2.55 0.00	39.06 2.42 0.00	38.39 2.31 0.00	38.35 2.27 0.00	45.70 2.95 0.00	64.26 4.20 0.00	69.03 4.64 0.00	61.98 5.07 0.00	51.93 4.81 0.00	49.07 4.38 0.00	49.18 4.51 0.00	49.95 4.66 0.00	53.23 4.88 0.00	56.56 5.19 0.00	60.59 5.05 -0.69	77.06 6.41 -1.75	88.69 7.84 0.00	83.93 6.86 0.00	73.92 5.98 0.00	65.99 5.07 -2.62	57.52 4.54 -2.58	49.75 4.13 -1.63	44.70 3.54 0.00
RAVENSWOOD_GT3_2 24249	46.62 3.01 0.00	40.62 2.55 0.00	39.06 2.42 0.00	38.39 2.31 0.00	38.35 2.27 0.00	45.70 2.95 0.00	64.26 4.20 0.00	69.03 4.64 0.00	61.98 5.07 0.00	51.93 4.81 0.00	49.07 4.38 0.00	49.18 4.51 0.00	49.95 4.66 0.00	53.23 4.88 0.00	56.56 5.19 0.00	60.59 5.05 -0.69	77.06 6.41 -1.75	88.69 7.84 0.00	83.93 6.86 0.00	73.92 5.98 0.00	65.99 5.07 -2.62	57.52 4.54 -2.58	49.75 4.13 -1.63	44.70 3.54 0.00
RAVENSWOOD_GT3_3 24250	46.66 3.05 0.00	40.66 2.59 0.00	39.10 2.46 0.00	38.43 2.35 0.00	38.38 2.31 0.00	45.74 2.99 0.00	64.32 4.26 0.00	69.10 4.70 0.00	62.04 5.12 0.00	51.98 4.85 0.00	49.11 4.42 0.00	49.27 4.60 0.00	50.00 4.71 0.00	53.33 4.98 0.00	56.61 5.24 0.00	60.70 5.16 -0.69	77.13 6.48 -1.75	88.85 8.00 0.00	84.08 7.01 0.00	74.06 6.11 0.00	66.11 5.19 -2.62	57.57 4.59 -2.58	49.80 4.18 -1.63	44.74 3.58 0.00
RAVENSWOOD_GT3_4 24251	46.66 3.05 0.00	40.66 2.59 0.00	39.10 2.46 0.00	38.43 2.35 0.00	38.38 2.31 0.00	45.74 2.99 0.00	64.32 4.26 0.00	69.10 4.70 0.00	62.04 5.12 0.00	51.98 4.85 0.00	49.11 4.42 0.00	49.27 4.60 0.00	50.00 4.71 0.00	53.33 4.98 0.00	56.61 5.24 0.00	60.70 5.16 -0.69	77.13 6.48 -1.75	88.85 8.00 0.00	84.08 7.01 0.00	74.06 6.11 0.00	66.11 5.19 -2.62	57.57 4.59 -2.58	49.80 4.18 -1.63	44.74 3.58 0.00
RAVENSWOOD_GT_1 23729	46.88 3.27 0.00	40.81 2.74 0.00	39.24 2.60 0.00	38.57 2.49 0.00	38.49 2.42 0.00	45.82 3.08 0.00	64.08 4.02 0.00	68.77 4.38 0.01	61.76 4.84 -0.01	51.93 4.81 0.00	49.11 4.42 0.00	49.22 4.56 0.00	50.00 4.71 0.00	53.23 4.88 0.00	56.51 5.14 0.00	60.43 4.88 -0.69	76.71 6.06 -1.75	88.36 7.52 0.01	83.54 6.47 0.01	73.57 5.64 0.01	65.75 4.84 -2.62	57.42 4.44 -2.58	49.88 4.27 -1.63	44.87 3.70 0.00
RAVENSWOOD_GT_10 24258	46.62 3.01 0.00	40.59 2.51 0.00	39.06 2.42 0.00	38.39 2.31 0.00	38.35 2.27 0.00	45.70 2.95 0.00	64.26 4.20 0.00	69.03 4.64 0.00	61.98 5.07 0.00	51.93 4.81 0.00	49.07 4.38 0.00	49.18 4.51 0.00	49.95 4.66 0.00	53.23 4.88 0.00	56.56 5.19 0.00	60.65 5.10 -0.69	77.06 6.41 -1.75	88.77 7.92 0.00	83.93 6.86 0.00	73.92 5.98 0.00	66.05 5.13 -2.62	57.52 4.54 -2.58	49.75 4.13 -1.63	44.70 3.54 0.00
RAVENSWOOD_GT_11 24259	46.62 3.01 0.00	40.59 2.51 0.00	39.06 2.42 0.00	38.39 2.31 0.00	38.35 2.27 0.00	45.70 2.95 0.00	64.26 4.20 0.00	69.03 4.64 0.00	61.98 5.07 0.00	51.93 4.81 0.00	49.07 4.38 0.00	49.18 4.51 0.00	49.95 4.66 0.00	53.23 4.88 0.00	56.56 5.19 0.00	60.65 5.10 -0.69	77.06 6.41 -1.75	88.77 7.92 0.00	83.93 6.86 0.00	73.92 5.98 0.00	66.05 5.13 -2.62	57.52 4.54 -2.58	49.75 4.13 -1.63	44.70 3.54 0.00
RAVENSWOOD_GT_4 24252	46.71 3.10 0.00	40.66 2.59 0.00	39.10 2.46 0.00	38.47 2.38 0.00	38.38 2.31 0.00	45.70 2.95 0.00	64.14 4.08 0.00	68.91 4.51 -0.01	61.87 4.95 0.00	51.93 4.81 0.00	49.07 4.38 0.00	49.18 4.51 0.00	49.95 4.66 0.00	53.23 4.88 0.00	56.51 5.14 0.00	60.54 4.99 -0.69	76.93 6.27 -1.76	88.62 7.76 -0.01	83.78 6.71 -0.01	73.79 5.84 -0.01	65.94 5.01 -2.63	57.47 4.49 -2.58	49.80 4.18 -1.63	44.74 3.58 0.00
RAVENSWOOD_GT_5 24254	46.71 3.10 0.00	40.66 2.59 0.00	39.10 2.46 0.00	38.47 2.38 0.00	38.38 2.31 0.00	45.70 2.95 0.00	64.14 4.08 0.00	68.91 4.51 -0.01	61.87 4.95 0.00	51.93 4.81 0.00	49.07 4.38 0.00	49.18 4.51 0.00	49.95 4.66 0.00	53.23 4.88 0.00	56.51 5.14 0.00	60.54 4.99 -0.69	76.93 6.27 -1.76	88.62 7.76 -0.01	83.78 6.71 -0.01	73.79 5.84 -0.01	65.94 5.01 -2.63	57.47 4.49 -2.58	49.80 4.18 -1.63	44.74 3.58 0.00
RAVENSWOOD_GT_6 24253	46.71 3.10 0.00	40.66 2.59 0.00	39.10 2.46 0.00	38.47 2.38 0.00	38.38 2.31 0.00	45.70 2.95 0.00	64.14 4.08 0.00	68.91 4.51 -0.01	61.87 4.95 0.00	51.93 4.81 0.00	49.07 4.38 0.00	49.18 4.51 0.00	49.95 4.66 0.00	53.23 4.88 0.00	56.51 5.14 0.00	60.54 4.99 -0.69	76.93 6.27 -1.76	88.62 7.76 -0.01	83.78 6.71 -0.01	73.79 5.84 -0.01	65.94 5.01 -2.63	57.47 4.49 -2.58	49.80 4.18 -1.63	44.74 3.58 0.00
RAVENSWOOD_GT_7 24255	46.71 3.10 0.00	40.66 2.59 0.00	39.10 2.46 0.00	38.47 2.38 0.00	38.38 2.31 0.00	45.70 2.95 0.00	64.14 4.08 0.00	68.91 4.51 -0.01	61.87 4.95 0.00	51.93 4.81 0.00	49.07 4.38 0.00	49.18 4.51 0.00	49.95 4.66 0.00	53.23 4.88 0.00	56.51 5.14 0.00	60.54 4.99 -0.69	76.93 6.27 -1.76	88.62 7.76 -0.01	83.78 6.71 -0.01	73.79 5.84 -0.01	65.94 5.01 -2.63	57.47 4.49 -2.58	49.80 4.18 -1.63	44.74 3.58 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	46.62 3.01 0.00	40.59 2.51 0.00	39.06 2.42 0.00	38.39 2.31 0.00	38.35 2.27 0.00	45.70 2.95 0.00	64.26 4.20 0.00	69.03 4.64 0.00	61.98 5.07 0.00	51.93 4.81 0.00	49.07 4.38 0.00	49.18 4.51 0.00	49.95 4.66 0.00	53.23 4.88 0.00	56.56 5.19 0.00	60.65 5.10 -0.69	77.06 6.41 -1.75	88.77 7.92 0.00	83.93 6.86 0.00	73.92 5.98 0.00	66.05 5.13 -2.62	57.52 4.54 -2.58	49.75 4.13 -1.63	44.70 3.54 0.00
RAVENSWOOD_GT_9 24257	46.62 3.01 0.00	40.59 2.51 0.00	39.06 2.42 0.00	38.39 2.31 0.00	38.35 2.27 0.00	45.70 2.95 0.00	64.26 4.20 0.00	69.03 4.64 0.00	61.98 5.07 0.00	51.93 4.81 0.00	49.07 4.38 0.00	49.18 4.51 0.00	49.95 4.66 0.00	53.23 4.88 0.00	56.56 5.19 0.00	60.65 5.10 -0.69	77.06 6.41 -1.75	88.77 7.92 0.00	83.93 6.86 0.00	73.92 5.98 0.00	66.05 5.13 -2.62	57.52 4.54 -2.58	49.75 4.13 -1.63	44.70 3.54 0.00

RAVENSWOOD___1 23533	46.84 3.23 0.00	40.85 2.78 0.00	39.24 2.60 0.00	38.68 2.60 0.00	38.53 2.45 0.00	45.83 3.08 0.00	64.08 4.02 0.00	68.70 4.32 0.01	61.75 4.84 0.00	51.89 4.76 0.00	49.07 4.38 0.00	49.23 4.56 0.00	50.00 4.71 0.00	53.38 5.03 0.00	56.56 5.19 0.00	60.43 4.88 -0.69	76.71 6.07 -1.74	88.36 7.52 0.01	83.54 6.47 0.01	73.71 5.77 0.01	65.75 4.84 -2.61	57.37 4.38 -2.58	49.88 4.27 -1.63	44.87 3.71 0.00
RAVENSWOOD___2 23534	46.84 3.23 0.00	40.82 2.74 0.00	39.21 2.56 0.00	38.65 2.56 0.00	38.49 2.42 0.00	45.78 3.04 0.00	64.02 3.96 0.00	68.70 4.32 0.01	61.70 4.78 0.00	51.84 4.71 0.00	49.02 4.33 0.00	49.23 4.56 0.00	50.00 4.71 0.00	53.33 4.98 0.00	56.51 5.14 0.00	60.37 4.83 -0.69	76.71 6.07 -1.74	88.28 7.43 0.01	83.54 6.47 0.01	73.71 5.77 0.01	65.70 4.78 -2.61	57.37 4.38 -2.58	49.88 4.27 -1.63	44.82 3.66 0.00
RAVENSWOOD___3 23535	46.62 3.01 0.00	40.66 2.59 0.00	39.06 2.42 0.00	38.50 2.42 0.00	38.38 2.31 0.00	45.74 2.99 0.00	64.26 4.20 0.00	69.03 4.64 0.00	61.98 5.06 0.00	51.84 4.71 0.00	49.07 4.38 0.00	49.18 4.51 0.00	49.95 4.67 0.00	53.33 4.98 0.00	56.61 5.24 0.00	60.59 5.04 -0.69	77.06 6.41 -1.75	88.69 7.84 0.00	83.93 6.86 0.00	74.06 6.12 0.00	65.99 5.07 -2.62	57.52 4.54 -2.58	49.75 4.13 -1.63	44.70 3.54 0.00
RAVENSWOOD___4 23820	46.84 3.23 0.00	40.82 2.74 0.00	39.21 2.56 0.00	38.65 2.56 0.00	38.49 2.42 0.00	45.78 3.04 0.00	64.02 3.96 0.00	68.70 4.32 0.01	61.70 4.78 0.00	51.84 4.71 0.00	49.02 4.33 0.00	49.18 4.51 0.00	50.00 4.71 0.00	53.33 4.98 0.00	56.51 5.14 0.00	60.37 4.83 -0.69	76.71 6.07 -1.74	88.27 7.43 0.01	83.54 6.47 0.01	73.70 5.77 0.01	65.69 4.78 -2.61	57.37 4.38 -2.58	49.84 4.22 -1.63	44.82 3.66 0.00
RCPL_TRUST___DRP 24196	46.62 3.01 0.00	40.59 2.51 0.00	39.06 2.42 0.00	38.39 2.31 0.00	38.35 2.27 0.00	45.70 2.95 0.00	64.32 4.26 0.00	69.16 4.77 0.00	62.09 5.18 0.00	51.98 4.85 0.00	49.11 4.42 0.00	49.22 4.56 0.00	50.00 4.71 0.00	53.28 4.93 0.00	56.61 5.24 0.00	60.70 5.16 -0.69	77.13 6.48 -1.75	88.85 8.00 0.00	84.08 7.01 0.00	74.06 6.11 0.00	66.11 5.19 -2.62	57.52 4.54 -2.58	49.75 4.13 -1.63	44.70 3.54 0.00
RED___ROCHESTER 323720	41.65 -1.96 0.00	36.44 -1.64 0.00	34.96 -1.68 0.00	34.32 -1.77 0.00	34.52 -1.55 0.00	40.48 -2.27 0.00	56.93 -3.13 0.00	60.73 -3.67 0.00	52.87 -4.04 0.01	44.06 -3.06 0.01	42.22 -2.46 0.01	41.98 -2.68 0.01	42.51 -2.76 0.01	45.15 -3.19 0.01	47.72 -3.65 0.01	50.72 -3.78 0.36	64.03 -4.55 0.32	76.24 -4.61 0.01	73.83 -3.23 0.01	64.26 -3.67 0.01	54.80 -3.67 -0.17	47.09 -3.48 -0.16	41.00 -3.08 -0.10	39.06 -2.10 0.00
REGAN___SOLAR 323812	45.31 1.70 0.00	39.56 1.48 0.00	38.03 1.39 0.00	37.53 1.44 0.00	37.52 1.44 0.00	44.71 1.97 0.00	63.06 3.00 0.00	66.65 2.25 0.00	57.37 0.45 0.00	46.56 -0.56 0.00	44.10 -0.58 0.00	44.00 -0.67 0.00	44.70 -0.59 0.00	48.40 0.05 0.00	52.30 0.93 0.00	57.71 1.97 -0.88	74.60 3.44 -2.25	84.65 3.80 0.00	81.00 3.93 0.00	71.34 3.40 0.00	64.41 2.74 -3.37	56.09 2.37 -3.31	48.01 1.93 -2.10	42.77 1.60 0.00
RENSSELAER___COGEN 23796	44.96 1.35 0.00	39.21 1.14 0.00	37.81 1.17 0.00	37.31 1.23 0.00	37.26 1.19 0.00	44.03 1.28 0.00	62.03 1.98 0.00	66.46 2.06 0.00	58.91 1.99 0.00	48.64 1.51 0.00	46.07 1.39 0.00	46.05 1.39 0.00	46.64 1.36 0.00	49.94 1.59 0.00	53.17 1.80 0.00	57.68 2.03 -0.79	73.39 2.48 -2.01	83.76 2.91 0.00	79.92 2.85 0.00	70.52 2.58 0.00	63.47 2.16 -3.01	55.18 1.81 -2.96	47.44 1.58 -1.88	42.60 1.44 0.00
REPUBLIC_115KV_BARTNBRK 55605	47.27 3.66 0.00	41.23 3.16 0.00	39.65 3.00 0.00	39.15 3.07 0.00	39.10 3.03 0.00	46.59 3.85 0.00	65.76 5.71 0.00	70.32 5.92 0.00	61.07 4.15 0.00	49.63 2.50 0.00	47.32 2.64 0.00	46.77 2.10 0.00	47.14 1.86 0.00	51.10 2.76 0.00	54.76 3.39 0.00	59.90 4.22 -0.82	77.04 6.06 -2.08	87.96 7.11 0.00	84.47 7.40 0.00	74.19 6.25 0.00	66.77 5.36 -3.11	57.75 4.28 -3.06	49.62 3.69 -1.94	44.41 3.25 0.00
REVERE_CPPR_DRP 24186	44.48 0.87 0.00	38.87 0.80 0.00	37.38 0.73 0.00	36.73 0.65 0.00	36.79 0.72 0.00	43.86 1.11 0.00	61.92 1.86 0.00	66.33 1.93 0.00	58.34 1.42 0.00	48.02 0.90 0.00	45.58 0.89 0.00	45.70 1.03 0.00	46.37 1.09 0.00	49.46 1.11 0.00	52.76 1.39 0.00	56.60 1.70 -0.04	71.41 2.41 -0.10	83.44 2.59 0.00	79.46 2.39 0.00	69.84 2.11 0.20	60.18 1.81 -0.07	52.06 1.51 -0.15	45.13 1.06 -0.09	42.11 0.95 0.00
REYNLDPA_13_KV_LD 356490	44.22 0.61 0.00	38.61 0.53 0.00	37.01 0.37 0.00	36.44 0.36 0.00	36.40 0.32 0.00	43.39 0.64 0.00	60.66 0.60 0.00	65.10 0.71 0.00	57.37 0.45 0.00	47.32 0.19 0.00	44.91 0.22 0.00	44.85 0.18 0.00	45.51 0.23 0.00	48.54 0.19 0.00	51.53 0.15 0.00	54.97 0.11 0.00	68.97 0.07 0.00	80.77 -0.08 0.00	76.61 -0.46 0.00	67.67 -0.27 0.00	58.30 0.00 0.00	50.61 0.20 0.00	44.25 0.27 0.00	41.37 0.21 0.00
REYNOLDS_115KV_TB3 80639	45.09 1.48 0.00	39.29 1.22 0.00	37.92 1.28 0.00	37.35 1.26 0.00	37.37 1.30 0.00	44.20 1.45 0.00	62.16 2.10 0.00	66.58 2.19 0.00	59.08 2.16 0.00	48.73 1.60 0.00	46.25 1.56 0.00	46.14 1.47 0.00	46.69 1.40 0.00	49.99 1.64 0.00	53.22 1.85 0.00	57.79 2.14 -0.79	73.54 2.62 -2.02	83.92 3.07 0.00	80.15 3.08 0.00	70.59 2.65 0.00	63.65 2.33 -3.02	55.29 1.92 -2.97	47.54 1.67 -1.88	42.68 1.52 0.00
RIVERBAY____ 323610	47.58 3.97 0.00	41.42 3.35 0.00	39.83 3.19 0.00	39.15 3.07 0.00	39.03 2.96 0.00	46.29 3.55 0.00	64.50 4.44 0.00	69.15 4.77 0.01	61.98 5.07 0.00	52.17 5.04 0.00	49.29 4.60 0.00	49.40 4.73 0.00	50.18 4.89 0.00	53.43 5.08 0.00	56.71 5.34 0.00	60.65 5.10 -0.69	77.06 6.41 -1.74	88.68 7.84 0.01	83.92 6.86 0.01	73.91 5.98 0.01	65.99 5.07 -2.61	57.62 4.64 -2.58	50.28 4.66 -1.63	45.36 4.20 0.00
RIVERSDE_115KV_TB3 55908	45.01 1.40 0.00	39.25 1.18 0.00	37.85 1.21 0.00	37.31 1.23 0.00	37.30 1.23 0.00	44.11 1.37 0.00	62.10 2.04 0.00	66.52 2.13 0.00	59.02 2.11 0.00	48.73 1.60 0.00	46.21 1.52 0.00	46.10 1.43 0.00	46.64 1.36 0.00	49.94 1.60 0.00	53.22 1.85 0.00	57.73 2.08 -0.79	73.54 2.62 -2.01	83.84 2.99 0.00	80.00 2.93 0.00	70.52 2.58 0.00	63.59 2.27 -3.01	55.24 1.87 -2.96	47.49 1.63 -1.88	42.64 1.48 0.00
ROARING___BROOK_WT_PWR 323790	42.56 -1.05 0.00	37.08 -0.99 0.00	35.65 -0.99 0.00	35.07 -1.01 0.00	35.03 -1.05 0.00	41.55 -1.20 0.00	58.31 -1.74 0.00	62.66 -1.74 0.00	55.43 -1.48 0.00	45.90 -1.23 0.00	43.57 -1.12 0.00	43.51 -1.16 0.00	44.07 -1.22 0.00	47.00 -1.35 0.00	49.93 -1.44 0.00	53.32 -1.54 0.00	66.98 -1.93 0.00	78.59 -2.26 0.00	74.83 -2.24 0.00	66.04 -1.90 0.00	56.73 -1.57 0.00	49.05 -1.36 0.00	42.84 -1.14 0.00	40.01 -1.15 0.00

ROCHESRG_115KV_T4 355643	41.34 -2.27 0.00	36.25 -1.83 0.00	34.70 -1.94 0.00	34.32 -1.77 0.00	34.27 -1.80 0.00	40.18 -2.56 0.00	56.39 -3.66 0.00	60.08 -4.31 0.00	52.30 -4.61 0.01	43.68 -3.44 0.01	41.64 -3.04 0.01	41.58 -3.08 0.01	42.20 -3.08 0.01	44.81 -3.53 0.01	47.25 -4.11 0.01	50.01 -4.50 0.35	63.19 -5.44 0.27	75.18 -5.66 0.01	72.75 -4.32 0.01	63.93 -4.01 0.01	54.16 -4.31 -0.18	46.55 -4.03 -0.18	40.66 -3.43 -0.11	38.73 -2.43 0.00
ROCHESTER_9_IC 23652	41.52 -2.09 0.00	36.40 -1.68 0.00	34.85 -1.80 0.00	34.46 -1.62 0.00	34.45 -1.62 0.00	40.35 -2.39 0.00	56.69 -3.36 0.00	60.47 -3.93 0.00	52.64 -4.27 0.01	43.91 -3.20 0.01	41.86 -2.82 0.01	41.80 -2.86 0.01	42.47 -2.81 0.01	45.10 -3.24 0.01	47.61 -3.75 0.01	50.39 -4.11 0.36	63.66 -4.96 0.28	75.75 -5.09 0.01	73.29 -3.78 0.01	64.40 -3.53 0.01	54.51 -3.96 -0.18	46.85 -3.73 -0.18	40.84 -3.25 -0.11	38.90 -2.26 0.00
ROCKVIEW_13_KV_LD 356306	46.49 2.88 0.00	40.47 2.40 0.00	38.95 2.31 0.00	38.29 2.20 0.00	38.24 2.16 0.00	45.57 2.82 0.00	64.20 4.14 0.00	68.97 4.57 0.00	61.81 4.89 0.00	51.70 4.57 0.00	48.89 4.20 0.00	49.00 4.33 0.00	49.77 4.48 0.00	53.09 4.74 0.00	56.41 5.03 0.00	60.54 4.99 -0.69	77.00 6.34 -1.75	88.61 7.76 0.00	83.93 6.86 0.00	73.85 5.91 0.00	65.94 5.01 -2.62	57.42 4.44 -2.58	49.58 3.96 -1.63	44.54 3.38 0.00
ROME____115KV_TB2 80656	44.48 0.87 0.00	38.87 0.80 0.00	37.38 0.73 0.00	36.73 0.65 0.00	36.79 0.72 0.00	43.86 1.11 0.00	61.92 1.86 0.00	66.33 1.93 0.00	58.34 1.42 0.00	48.02 0.90 0.00	45.58 0.89 0.00	45.70 1.03 0.00	46.37 1.09 0.00	49.46 1.11 0.00	52.76 1.39 0.00	56.60 1.70 -0.04	71.41 2.41 -0.10	83.44 2.59 0.00	79.46 2.39 0.00	69.84 2.11 0.20	60.18 1.81 -0.07	52.06 1.51 -0.15	45.13 1.06 -0.09	42.11 0.95 0.00
ROSETON___1 23587	46.01 2.40 0.00	40.13 2.05 0.00	38.58 1.94 0.00	38.03 1.95 0.00	37.95 1.87 0.00	45.14 2.39 0.00	63.42 3.36 0.00	68.13 3.73 0.00	60.90 3.98 0.00	50.85 3.72 0.00	48.13 3.44 0.00	48.24 3.57 0.00	49.00 3.71 0.00	52.31 3.97 0.00	55.53 4.16 0.00	59.60 4.06 -0.68	75.81 5.17 -1.74	87.24 6.39 0.00	82.69 5.62 0.00	72.90 4.96 0.00	65.04 4.14 -2.60	56.70 3.73 -2.56	48.99 3.39 -1.62	44.04 2.88 0.00
ROSETON___2 23588	46.01 2.40 0.00	40.13 2.05 0.00	38.58 1.94 0.00	38.03 1.95 0.00	37.95 1.87 0.00	45.14 2.39 0.00	63.42 3.36 0.00	68.13 3.73 0.00	60.90 3.98 0.00	50.85 3.72 0.00	48.13 3.44 0.00	48.24 3.57 0.00	49.00 3.71 0.00	52.31 3.97 0.00	55.53 4.16 0.00	59.60 4.06 -0.68	75.81 5.17 -1.74	87.24 6.39 0.00	82.69 5.62 0.00	72.90 4.96 0.00	65.04 4.14 -2.60	56.70 3.73 -2.56	48.99 3.39 -1.62	44.04 2.88 0.00
ROTTRDAM_115KV_TB3 80664	44.88 1.26 0.00	39.14 1.07 0.00	37.71 1.06 0.00	37.13 1.05 0.00	37.12 1.05 0.00	44.03 1.28 0.00	61.92 1.86 0.00	66.26 1.87 0.00	58.57 1.65 0.00	48.31 1.18 0.00	45.85 1.16 0.00	45.74 1.07 0.00	46.33 1.04 0.00	49.65 1.31 0.00	52.86 1.49 0.00	57.44 1.76 -0.82	73.34 2.34 -2.10	83.60 2.75 0.00	79.77 2.70 0.00	70.25 2.31 0.00	63.42 1.98 -3.14	55.16 1.66 -3.09	47.39 1.45 -1.96	42.44 1.28 0.00
RUSSELL___1 23602	41.65 -1.96 0.00	36.51 -1.56 0.00	34.96 -1.69 0.00	34.57 -1.52 0.00	34.56 -1.52 0.00	40.48 -2.27 0.00	56.99 -3.06 0.00	60.79 -3.61 0.00	52.87 -4.04 0.01	44.10 -3.02 0.01	42.09 -2.59 0.01	42.02 -2.64 0.01	42.70 -2.58 0.01	45.34 -3.00 0.01	47.87 -3.49 0.01	50.66 -3.84 0.36	64.08 -4.55 0.28	76.31 -4.53 0.01	73.75 -3.31 0.01	64.74 -3.19 0.01	54.86 -3.61 -0.18	47.10 -3.48 -0.18	41.01 -3.08 -0.11	39.06 -2.10 0.00
RUSSELL___2 23532	41.65 -1.96 0.00	36.51 -1.56 0.00	34.96 -1.69 0.00	34.57 -1.52 0.00	34.56 -1.52 0.00	40.48 -2.27 0.00	56.99 -3.06 0.00	60.79 -3.61 0.00	52.87 -4.04 0.01	44.10 -3.02 0.01	42.09 -2.59 0.01	42.02 -2.64 0.01	42.70 -2.58 0.01	45.34 -3.00 0.01	47.87 -3.49 0.01	50.66 -3.84 0.36	64.08 -4.55 0.28	76.31 -4.53 0.01	73.75 -3.31 0.01	64.74 -3.19 0.01	54.86 -3.61 -0.18	47.10 -3.48 -0.18	41.01 -3.08 -0.11	39.06 -2.10 0.00
RUSSELL___3 23549	41.65 -1.96 0.00	36.51 -1.56 0.00	34.96 -1.69 0.00	34.57 -1.52 0.00	34.56 -1.52 0.00	40.48 -2.27 0.00	56.99 -3.06 0.00	60.79 -3.61 0.00	52.87 -4.04 0.01	44.10 -3.02 0.01	42.09 -2.59 0.01	42.02 -2.64 0.01	42.70 -2.58 0.01	45.34 -3.00 0.01	47.87 -3.49 0.01	50.66 -3.84 0.36	64.08 -4.55 0.28	76.31 -4.53 0.01	73.75 -3.31 0.01	64.74 -3.19 0.01	54.86 -3.61 -0.18	47.10 -3.48 -0.18	41.01 -3.08 -0.11	39.06 -2.10 0.00
RUSSELL___4 23556	41.65 -1.96 0.00	36.51 -1.56 0.00	34.96 -1.69 0.00	34.57 -1.52 0.00	34.56 -1.52 0.00	40.48 -2.27 0.00	56.99 -3.06 0.00	60.79 -3.61 0.00	52.87 -4.04 0.01	44.10 -3.02 0.01	42.09 -2.59 0.01	42.02 -2.64 0.01	42.70 -2.58 0.01	45.34 -3.00 0.01	47.87 -3.49 0.01	50.66 -3.84 0.36	64.08 -4.55 0.28	76.31 -4.53 0.01	73.75 -3.31 0.01	64.74 -3.19 0.01	54.86 -3.61 -0.18	47.10 -3.48 -0.18	41.01 -3.08 -0.11	39.06 -2.10 0.00
RUSSELL___STATION 23914	41.65 -1.96 0.00	36.51 -1.56 0.00	34.96 -1.69 0.00	34.57 -1.52 0.00	34.56 -1.52 0.00	40.48 -2.27 0.00	56.99 -3.06 0.00	60.79 -3.61 0.00	52.87 -4.04 0.01	44.10 -3.02 0.01	42.09 -2.59 0.01	42.02 -2.64 0.01	42.70 -2.58 0.01	45.34 -3.00 0.01	47.87 -3.49 0.01	50.66 -3.84 0.36	64.08 -4.55 0.28	76.31 -4.53 0.01	73.75 -3.31 0.01	64.74 -3.19 0.01	54.86 -3.61 -0.18	47.10 -3.48 -0.18	41.01 -3.08 -0.11	39.06 -2.10 0.00
S SALMON___HYD 24043	42.74 -0.87 0.00	37.35 -0.72 0.00	35.91 -0.73 0.00	35.32 -0.76 0.00	35.39 -0.69 0.00	41.93 -0.81 0.00	59.16 -0.90 0.00	63.43 -0.96 0.00	55.78 -1.14 0.00	46.14 -0.99 0.00	43.84 -0.85 0.00	43.87 -0.80 0.00	44.38 -0.91 0.00	47.33 -1.02 0.00	50.34 -1.03 0.00	53.98 -0.93 -0.05	67.94 -1.11 -0.14	79.64 -1.21 0.00	76.15 -0.92 0.00	66.76 -0.95 0.23	57.55 -0.87 -0.12	49.90 -0.71 -0.20	43.27 -0.84 -0.13	40.46 -0.70 0.00
S.PERRY__115KV_TB1 80734	42.26 -1.35 0.00	37.01 -1.07 0.00	35.36 -1.28 0.00	34.97 -1.12 0.00	34.99 -1.08 0.00	40.95 -1.80 0.00	58.13 -1.92 0.00	62.01 -2.38 0.00	53.46 -3.41 0.04	43.98 -3.11 0.04	41.57 -3.08 0.04	41.42 -3.22 0.04	41.94 -3.31 0.04	44.83 -3.48 0.04	47.43 -3.90 0.04	49.22 -3.89 1.74	63.13 -4.07 1.71	77.18 -3.64 0.03	74.65 -2.39 0.03	65.60 -2.31 0.03	55.74 -2.51 0.06	47.53 -2.82 0.05	41.30 -2.64 0.05	39.39 -1.77 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	40.08 -3.53 0.00	35.22 -2.86 0.00	33.64 -3.00 0.00	33.31 -2.78 0.00	33.15 -2.92 0.00	38.64 -4.10 0.00	53.51 -6.55 0.00	56.47 -7.92 0.00	49.33 -7.57 0.01	41.36 -5.75 0.01	39.53 -5.14 0.01	39.43 -5.23 0.01	39.97 -5.30 0.01	42.39 -5.95 0.01	44.53 -6.83 0.01	47.06 -7.19 0.61	59.48 -8.89 0.53	70.89 -9.94 0.01	68.73 -8.32 0.01	60.45 -7.47 0.01	51.43 -7.05 -0.19	43.99 -6.60 -0.19	38.82 -5.28 -0.11	37.09 -4.08 0.00

SAWYER___23_KV_LOAD 55526	40.08 -3.53 0.00	35.22 -2.86 0.00	33.64 -3.00 0.00	33.31 -2.78 0.00	33.15 -2.92 0.00	38.64 -4.10 0.00	53.51 -6.55 0.00	56.47 -7.92 0.00	49.33 -7.57 0.01	41.36 -5.75 0.01	39.53 -5.14 0.01	39.43 -5.23 0.01	39.97 -5.30 0.01	42.39 -5.95 0.01	44.53 -6.83 0.01	47.06 -7.19 0.61	59.48 -8.89 0.53	70.89 -9.94 0.01	68.73 -8.32 0.01	60.45 -7.47 0.01	51.43 -7.05 -0.19	43.99 -6.60 -0.19	38.82 -5.28 -0.11	37.09 -4.08 0.00
SELKIRK___I 23801	45.14 1.53 0.00	39.37 1.30 0.00	37.96 1.32 0.00	37.45 1.37 0.00	37.41 1.34 0.00	44.24 1.50 0.00	62.21 2.16 0.00	66.59 2.19 0.00	58.85 1.94 0.00	48.59 1.46 0.00	45.98 1.30 0.00	45.96 1.30 0.00	46.60 1.31 0.00	49.90 1.55 0.00	53.17 1.80 0.00	57.72 2.08 -0.78	73.58 2.68 -1.99	84.00 3.15 0.00	80.16 3.09 0.00	70.66 2.72 0.00	63.61 2.33 -2.98	55.30 1.96 -2.93	47.55 1.71 -1.86	42.73 1.56 0.00
SELKIRK___II 23799	44.88 1.27 0.00	39.14 1.06 0.00	37.74 1.10 0.00	37.24 1.15 0.00	37.19 1.12 0.00	43.99 1.24 0.00	61.86 1.80 0.00	66.33 1.93 0.00	58.79 1.88 0.00	48.64 1.51 0.00	46.03 1.34 0.00	46.01 1.34 0.00	46.64 1.36 0.00	49.90 1.55 0.00	53.12 1.75 0.00	57.56 1.92 -0.78	73.25 2.34 -2.00	83.60 2.75 0.00	79.77 2.70 0.00	70.38 2.44 0.00	63.33 2.04 -2.99	55.06 1.71 -2.94	47.34 1.50 -1.86	42.52 1.36 0.00
SENECA OSWGO___HYD 24041	42.26 -1.35 0.00	36.93 -1.14 0.00	35.54 -1.10 0.00	35.00 -1.08 0.00	35.06 -1.01 0.00	41.42 -1.33 0.00	58.44 -1.62 0.00	62.66 -1.74 0.00	55.32 -1.59 0.00	45.86 -1.27 0.00	43.48 -1.20 0.00	43.46 -1.20 0.00	44.07 -1.22 0.00	47.05 -1.30 0.00	49.93 -1.44 0.00	53.44 -1.48 -0.06	67.20 -1.86 -0.15	78.75 -2.10 0.00	75.30 -1.77 0.00	66.25 -1.70 0.00	56.96 -1.57 -0.23	49.17 -1.46 -0.22	42.76 -1.36 -0.14	40.01 -1.15 0.00
SENECA___115KV_TB3 355854	40.34 -3.27 0.00	35.30 -2.78 0.00	33.78 -2.86 0.00	33.05 -3.03 0.00	33.22 -2.85 0.00	38.86 -3.89 0.00	53.81 -6.25 0.00	56.73 -7.66 0.00	49.95 -6.95 0.01	41.74 -5.37 0.01	39.98 -4.69 0.01	39.79 -4.87 0.01	40.34 -4.93 0.01	42.82 -5.51 0.01	45.35 -6.01 0.01	48.05 -6.14 0.67	60.42 -7.72 0.77	72.02 -8.81 0.02	69.27 -7.78 0.02	60.79 -7.13 0.02	52.21 -6.24 -0.14	44.65 -5.90 -0.14	39.32 -4.75 -0.08	37.38 -3.79 0.00
SENECA___ENERGY 23797	42.39 -1.22 0.00	37.05 -1.03 0.00	35.62 -1.03 0.00	35.04 -1.05 0.00	35.17 -0.90 0.00	41.51 -1.24 0.00	58.61 -1.44 0.00	62.79 -1.61 0.00	55.27 -1.65 0.00	45.81 -1.32 0.00	43.53 -1.16 0.00	43.51 -1.16 0.00	44.07 -1.22 0.00	47.05 -1.30 0.00	49.83 -1.54 0.00	53.49 -1.59 -0.23	67.41 -1.86 -0.36	79.07 -1.78 0.00	75.76 -1.31 0.00	66.38 -1.56 0.00	57.14 -1.52 -0.36	49.25 -1.51 -0.35	42.76 -1.45 -0.22	40.09 -1.07 0.00
SHOEMAKER___GT 23640	45.92 2.31 0.00	40.05 1.98 0.00	38.55 1.90 0.00	37.96 1.88 0.00	37.88 1.80 0.00	45.01 2.26 0.00	63.48 3.42 0.00	68.06 3.67 0.00	60.67 3.76 0.00	50.52 3.40 0.00	47.77 3.08 0.00	47.89 3.22 0.00	48.64 3.35 0.00	51.98 3.63 0.00	55.23 3.85 0.00	59.29 3.78 -0.65	75.52 4.96 -1.65	87.08 6.23 0.00	82.54 5.47 0.00	72.84 4.89 0.00	64.85 4.08 -2.47	56.42 3.58 -2.43	48.73 3.21 -1.54	43.92 2.76 0.00
SHOEMAKR_138KV_BK 111 55601	45.92 2.31 0.00	40.02 1.94 0.00	38.55 1.91 0.00	37.89 1.80 0.00	37.84 1.77 0.00	45.01 2.27 0.00	63.42 3.36 0.00	68.07 3.67 0.00	60.73 3.81 0.00	50.62 3.49 0.00	47.81 3.13 0.00	47.88 3.22 0.00	48.68 3.40 0.00	51.93 3.58 0.00	55.22 3.85 0.00	59.34 3.84 -0.65	75.51 4.96 -1.65	87.08 6.23 0.00	82.54 5.47 0.00	72.70 4.76 0.00	64.84 4.08 -2.46	56.41 3.58 -2.42	48.73 3.21 -1.53	43.92 2.76 0.00
SHOREHAM_IC_1 23715	45.60 2.57 0.59	39.97 1.90 0.00	38.08 1.50 0.06	37.71 1.63 0.00	37.53 1.51 0.06	41.10 2.86 4.52	47.83 4.09 16.31	48.13 3.22 19.48	46.77 4.50 14.64	47.07 4.52 4.58	48.01 4.07 0.74	39.08 3.97 9.56	39.12 4.16 10.33	47.32 4.45 5.48	47.43 4.67 8.61	48.11 4.12 10.86	54.33 5.72 20.29	72.68 7.03 15.20	63.67 6.02 19.42	57.37 5.64 16.20	49.17 4.78 13.92	48.61 4.18 5.98	47.33 3.82 0.48	38.57 3.05 5.64
SHOREHAM_IC_2 23716	45.60 2.57 0.59	39.90 1.83 0.00	38.08 1.50 0.06	37.60 1.52 0.00	37.49 1.48 0.06	41.09 2.86 4.52	47.77 4.02 16.31	48.13 3.22 19.48	46.71 4.44 14.64	46.98 4.43 4.58	48.01 4.07 0.74	39.13 4.02 9.56	39.13 4.17 10.33	47.22 4.35 5.48	47.38 4.62 8.61	48.66 4.66 10.86	54.40 5.79 20.29	72.68 7.03 15.20	63.66 6.01 19.42	57.24 5.50 16.20	49.17 4.78 13.92	48.66 4.23 5.98	47.07 3.56 0.48	38.69 3.17 5.64
SISSONVILLE____ 23735	44.57 0.96 0.00	38.91 0.84 0.00	37.30 0.66 0.00	36.66 0.58 0.00	36.65 0.58 0.00	43.82 1.07 0.00	61.02 0.96 0.00	65.49 1.09 0.00	57.48 0.57 0.00	47.32 0.19 0.00	47.19 2.50 0.00	47.17 2.50 0.00	45.74 0.45 0.00	48.74 0.39 0.00	51.78 0.41 0.00	55.36 0.49 -0.01	69.21 0.28 -0.03	80.61 -0.24 0.00	76.38 -0.69 0.00	65.18 -0.41 2.35	57.34 -0.12 0.84	50.95 0.50 -0.04	44.63 0.62 -0.03	41.66 0.49 0.00
SITHE_IND_GS1 24169	41.87 -1.75 0.00	36.59 -1.49 0.00	35.25 -1.39 0.00	34.71 -1.37 0.00	34.74 -1.33 0.00	41.04 -1.71 0.00	57.71 -2.34 0.00	61.95 -2.45 0.00	54.64 -2.28 0.00	45.29 -1.84 0.00	42.99 -1.70 0.00	42.97 -1.70 0.00	43.56 -1.72 0.00	46.51 -1.84 0.00	49.32 -2.06 0.00	52.71 -2.20 -0.05	66.27 -2.76 -0.12	77.70 -3.15 0.00	74.30 -2.77 0.00	65.36 -2.58 0.00	56.21 -2.27 -0.19	48.57 -2.02 -0.18	42.29 -1.81 -0.12	39.56 -1.61 0.00
SITHE_IND_GS2 24170	41.87 -1.75 0.00	36.59 -1.49 0.00	35.25 -1.39 0.00	34.71 -1.37 0.00	34.74 -1.33 0.00	41.04 -1.71 0.00	57.71 -2.34 0.00	61.95 -2.45 0.00	54.64 -2.28 0.00	45.29 -1.84 0.00	42.99 -1.70 0.00	42.97 -1.70 0.00	43.56 -1.72 0.00	46.51 -1.84 0.00	49.32 -2.06 0.00	52.71 -2.20 -0.05	66.27 -2.76 -0.12	77.70 -3.15 0.00	74.30 -2.77 0.00	65.36 -2.58 0.00	56.21 -2.27 -0.19	48.57 -2.02 -0.18	42.29 -1.81 -0.12	39.56 -1.61 0.00
SITHE_IND_GS3 24171	41.87 -1.75 0.00	36.59 -1.49 0.00	35.25 -1.39 0.00	34.71 -1.37 0.00	34.74 -1.33 0.00	41.04 -1.71 0.00	57.71 -2.34 0.00	61.95 -2.45 0.00	54.64 -2.28 0.00	45.29 -1.84 0.00	42.99 -1.70 0.00	42.97 -1.70 0.00	43.56 -1.72 0.00	46.51 -1.84 0.00	49.32 -2.06 0.00	52.71 -2.20 -0.05	66.27 -2.76 -0.12	77.70 -3.15 0.00	74.30 -2.77 0.00	65.36 -2.58 0.00	56.21 -2.27 -0.19	48.57 -2.02 -0.18	42.29 -1.81 -0.12	39.56 -1.61 0.00
SITHE_IND_GS4 24172	41.87 -1.75 0.00	36.59 -1.49 0.00	35.25 -1.39 0.00	34.71 -1.37 0.00	34.74 -1.33 0.00	41.04 -1.71 0.00	57.71 -2.34 0.00	61.95 -2.45 0.00	54.64 -2.28 0.00	45.29 -1.84 0.00	42.99 -1.70 0.00	42.97 -1.70 0.00	43.56 -1.72 0.00	46.51 -1.84 0.00	49.32 -2.06 0.00	52.71 -2.20 -0.05	66.27 -2.76 -0.12	77.70 -3.15 0.00	74.30 -2.77 0.00	65.36 -2.58 0.00	56.21 -2.27 -0.19	48.57 -2.02 -0.18	42.29 -1.81 -0.12	39.56 -1.61 0.00

SITHE___BATAVIA 24024	41.26 -2.36 0.00	36.09 -1.98 0.00	34.34 -2.31 0.00	33.63 -2.45 0.00	33.94 -2.13 0.00	39.67 -3.08 0.00	55.55 -4.51 0.00	58.92 -5.47 0.00	51.10 -5.81 0.01	42.64 -4.48 0.01	40.92 -3.75 0.01	40.64 -4.02 0.01	41.11 -4.17 0.01	43.55 -4.79 0.01	45.97 -5.39 0.01	48.83 -5.54 0.49	62.05 -6.34 0.52	73.96 -6.87 0.01	71.81 -5.24 0.01	62.49 -5.44 0.01	53.33 -5.13 -0.16	45.67 -4.89 -0.15	39.90 -4.18 -0.09	38.28 -2.88 0.00
SITHE___INDEPEND 23800	41.87 -1.74 0.00	36.63 -1.45 0.00	35.25 -1.39 0.00	34.75 -1.34 0.00	34.74 -1.33 0.00	41.04 -1.71 0.00	57.71 -2.34 0.00	61.95 -2.45 0.00	54.70 -2.22 0.00	45.29 -1.84 0.00	42.99 -1.70 0.00	42.97 -1.70 0.00	43.56 -1.72 0.00	46.51 -1.84 0.00	49.32 -2.05 0.00	52.71 -2.19 -0.05	66.27 -2.76 -0.12	77.70 -3.15 0.00	74.30 -2.77 0.00	65.43 -2.51 0.00	56.15 -2.33 -0.19	48.57 -2.02 -0.18	42.30 -1.80 -0.12	39.56 -1.61 0.00
SITHE___MASSENA 23902	44.44 0.83 0.00	38.79 0.72 0.00	37.19 0.55 0.00	36.63 0.54 0.00	36.58 0.50 0.00	43.60 0.85 0.00	60.96 0.90 0.00	65.36 0.97 0.00	57.54 0.63 0.00	47.46 0.33 0.00	45.00 0.32 0.00	44.94 0.27 0.00	45.69 0.41 0.00	48.69 0.34 0.00	51.73 0.36 0.00	55.24 0.39 0.00	69.25 0.35 0.00	81.09 0.24 0.00	76.92 -0.15 0.00	67.52 0.00 0.43	58.32 0.18 0.16	50.86 0.45 0.00	44.47 0.48 0.00	41.57 0.41 0.00
SITHE___OGDNSBRG 24021	45.14 1.53 0.00	39.41 1.33 0.00	37.74 1.10 0.00	37.09 1.01 0.00	37.08 1.01 0.00	44.41 1.67 0.00	62.10 2.04 0.00	66.52 2.13 0.00	58.17 1.25 0.00	47.74 0.61 0.00	46.21 1.52 0.00	46.19 1.52 0.00	46.06 0.77 0.00	49.03 0.68 0.00	52.14 0.77 0.00	55.79 0.93 0.00	70.08 1.17 0.00	82.06 1.21 0.00	77.92 0.85 0.00	67.29 0.95 1.60	58.75 1.05 0.60	51.77 1.36 0.00	45.17 1.19 0.00	42.19 1.03 0.00
SITHE___STERLING 23777	44.22 0.61 0.00	38.65 0.57 0.00	37.19 0.55 0.00	36.55 0.47 0.00	36.61 0.54 0.00	43.56 0.81 0.00	61.49 1.44 0.00	65.88 1.48 0.00	58.05 1.14 0.00	47.88 0.75 0.00	45.36 0.67 0.00	45.43 0.76 0.00	46.14 0.86 0.00	49.22 0.87 0.00	52.45 1.08 0.00	56.22 1.31 -0.05	70.81 1.79 -0.12	82.87 2.02 0.00	79.00 1.93 0.00	69.57 1.63 0.00	59.81 1.34 -0.17	51.68 1.11 -0.17	44.84 0.75 -0.11	41.86 0.70 0.00
SLEIGHT__34_KV_TB1 80719	41.74 -1.88 0.00	36.55 -1.52 0.00	35.07 -1.58 0.00	34.64 -1.44 0.00	34.67 -1.41 0.00	40.78 -1.97 0.00	57.59 -2.46 0.00	61.50 -2.90 0.00	53.84 -3.07 0.00	44.77 -2.36 0.00	42.54 -2.14 0.00	42.57 -2.10 0.00	43.25 -2.04 0.00	46.07 -2.27 0.00	48.75 -2.62 0.00	51.89 -2.91 0.06	65.51 -3.45 -0.05	77.37 -3.48 0.00	74.37 -2.70 0.00	65.29 -2.65 0.00	55.70 -2.86 -0.26	47.89 -2.77 -0.25	41.59 -2.55 -0.16	39.31 -1.85 0.00
SMITHTWN_69_KV_BK 1 55830	46.35 3.31 0.58	40.58 2.51 0.00	38.74 2.16 0.06	38.21 2.13 0.00	38.14 2.13 0.06	42.12 3.55 4.18	48.86 4.86 16.06	49.26 4.06 19.19	47.81 5.29 14.40	47.94 5.14 4.32	49.00 4.78 0.47	37.86 4.87 11.68	38.11 5.03 12.21	48.49 5.32 5.18	48.61 5.60 8.36	50.31 5.71 10.25	55.73 7.10 20.27	72.63 8.49 16.71	64.25 7.40 20.22	58.21 6.73 16.46	50.40 5.77 13.68	49.72 5.09 5.78	48.06 4.40 0.32	39.90 3.95 5.22
SOUTH CAIRO___GT 23612	45.92 2.31 0.00	40.02 1.94 0.00	38.62 1.98 0.00	38.03 1.95 0.00	38.02 1.95 0.00	44.93 2.18 0.00	63.78 3.72 0.00	68.07 3.67 0.00	59.70 2.79 0.00	48.82 1.70 0.00	46.07 1.39 0.00	45.96 1.30 0.00	46.60 1.31 0.00	50.04 1.69 0.00	53.48 2.11 0.00	58.31 2.69 -0.77	74.72 3.86 -1.95	86.10 5.26 0.00	82.16 5.09 0.00	72.22 4.28 0.00	65.01 3.79 -2.92	56.36 3.07 -2.88	48.36 2.55 -1.82	43.43 2.26 0.00
SOUTH HAMPTN___IC 23720	46.07 3.05 0.59	40.39 2.32 0.00	38.48 1.90 0.06	38.10 2.02 0.00	37.92 1.91 0.06	41.47 3.34 4.61	48.42 4.74 16.38	48.77 3.93 19.56	47.28 5.06 14.70	47.47 4.99 4.65	48.47 4.60 0.82	39.56 4.42 9.54	39.47 4.53 10.34	47.58 4.79 5.56	47.67 4.98 8.68	48.33 4.50 11.02	54.67 6.13 20.36	73.28 7.52 15.09	64.08 6.39 19.38	57.69 5.98 16.24	49.33 5.01 13.98	48.71 4.34 6.04	47.37 3.91 0.52	38.62 3.21 5.76
SOUTHDOWN_115KV_TB1 355954	40.47 -3.14 0.00	35.45 -2.63 0.00	33.89 -2.75 0.00	33.49 -2.60 0.00	33.40 -2.67 0.00	39.07 -3.68 0.00	54.47 -5.59 0.00	57.51 -6.89 0.00	51.09 -5.81 0.02	42.40 -4.71 0.02	40.42 -4.25 0.02	40.18 -4.47 0.02	40.69 -4.57 0.02	43.35 -4.98 0.02	45.76 -5.60 0.02	48.63 -5.43 0.80	61.44 -6.75 0.71	73.48 -7.36 0.02	70.27 -6.78 0.02	61.88 -6.05 0.02	53.64 -4.84 -0.18	45.54 -5.04 -0.18	40.04 -4.05 -0.11	37.75 -3.42 0.00
SOUTHOLD_69_KV_BK 2 55809	46.51 3.49 0.59	40.70 2.63 0.00	38.85 2.27 0.06	38.35 2.27 0.00	38.28 2.27 0.06	41.95 3.80 4.61	49.02 5.34 16.38	49.41 4.57 19.55	47.79 5.58 14.70	47.80 5.33 4.65	48.88 5.00 0.81	39.83 4.69 9.53	39.57 4.62 10.33	47.53 4.74 5.55	47.63 4.93 8.68	48.72 4.88 11.02	54.61 6.06 20.35	73.12 7.36 15.09	63.93 6.24 19.38	57.42 5.71 16.23	49.10 4.78 13.98	48.56 4.18 6.03	46.85 3.39 0.52	38.62 3.21 5.75
SOUTHOLD___IC 23719	46.51 3.49 0.59	40.77 2.70 0.00	38.85 2.27 0.06	38.46 2.38 0.00	38.32 2.31 0.06	41.94 3.80 4.61	49.09 5.41 16.38	49.41 4.57 19.55	47.80 5.58 14.70	47.90 5.42 4.65	48.87 5.00 0.81	39.78 4.65 9.53	39.62 4.67 10.33	47.58 4.79 5.55	47.68 4.98 8.68	48.23 4.39 11.02	54.54 5.99 20.36	73.12 7.36 15.09	63.93 6.24 19.38	57.55 5.84 16.23	49.16 4.84 13.98	48.51 4.13 6.03	47.07 3.61 0.52	38.50 3.09 5.75
SOUTH_FORK_WT_PWR 323839	46.47 3.44 0.59	40.73 2.66 0.00	38.85 2.27 0.06	38.46 2.38 0.00	38.32 2.31 0.06	41.94 3.80 4.61	49.02 5.34 16.38	49.35 4.51 19.55	47.73 5.52 14.70	47.80 5.32 4.65	48.70 4.83 0.82	39.56 4.42 9.53	39.25 4.30 10.34	47.15 4.35 5.56	47.16 4.47 8.68	47.62 3.78 11.02	53.72 5.17 20.36	72.15 6.39 15.09	63.00 5.31 19.38	56.66 4.96 16.23	48.40 4.08 13.98	47.90 3.53 6.03	46.54 3.08 0.52	38.13 2.72 5.75
SPIERFLS_115KV_TB 1 80737	45.22 1.61 0.00	39.44 1.37 0.00	37.96 1.32 0.00	37.46 1.37 0.00	37.44 1.37 0.00	44.50 1.75 0.00	62.52 2.46 0.00	66.91 2.51 0.00	58.68 1.76 0.00	48.02 0.90 0.00	45.71 1.03 0.00	45.38 0.71 0.00	45.87 0.59 0.00	49.41 1.06 0.00	52.81 1.44 0.00	57.59 1.92 -0.82	73.74 2.76 -2.08	84.00 3.15 0.00	80.38 3.31 0.00	70.73 2.79 0.00	63.92 2.51 -3.11	55.43 1.97 -3.06	47.64 1.72 -1.94	42.68 1.52 0.00
ST LAWRENCE____ 23600	43.79 0.18 0.00	38.23 0.15 0.00	36.68 0.04 0.00	36.12 0.04 0.00	36.07 0.00 0.00	42.92 0.17 0.00	60.06 0.00 0.00	64.40 0.00 0.00	56.74 -0.17 0.00	46.94 -0.19 0.00	44.55 -0.13 0.00	44.49 -0.18 0.00	45.11 -0.18 0.00	48.11 -0.24 0.00	51.07 -0.31 0.00	54.53 -0.33 0.00	68.43 -0.48 0.00	80.12 -0.73 0.00	76.15 -0.92 0.00	67.27 -0.75 -0.07	57.86 -0.47 -0.03	50.21 -0.20 0.00	43.90 -0.09 0.00	41.00 -0.16 0.00

STATE_CA_115KV_115_LB 55624	45.22 1.61 0.00	39.44 1.37 0.00	38.03 1.39 0.00	37.49 1.41 0.00	37.48 1.41 0.00	44.33 1.58 0.00	62.40 2.34 0.00	66.91 2.51 0.00	59.25 2.33 0.00	48.87 1.74 0.00	46.38 1.70 0.00	46.28 1.61 0.00	46.83 1.54 0.00	50.19 1.84 0.00	53.48 2.11 0.00	58.06 2.41 -0.79	73.96 3.03 -2.02	84.33 3.48 0.00	80.46 3.39 0.00	70.86 2.92 0.00	63.89 2.57 -3.02	55.50 2.12 -2.97	47.72 1.85 -1.88	42.81 1.65 0.00
STATE_ST_34_KV_LOAD 55959	42.96 -0.65 0.00	37.54 -0.53 0.00	36.13 -0.51 0.00	35.62 -0.47 0.00	35.64 -0.43 0.00	42.15 -0.60 0.00	59.58 -0.48 0.00	63.82 -0.58 0.00	56.30 -0.63 -0.01	46.62 -0.52 -0.01	44.16 -0.54 -0.01	44.18 -0.49 -0.01	44.84 -0.45 -0.01	47.92 -0.44 -0.01	50.81 -0.57 -0.01	54.73 -0.55 -0.43	69.02 -0.48 -0.60	80.61 -0.24 -0.01	77.00 -0.08 -0.01	67.74 -0.20 -0.01	58.32 -0.41 -0.43	50.28 -0.55 -0.43	43.64 -0.62 -0.27	40.71 -0.45 0.00
STATION_5_MISC_HYD 23604	41.52 -2.09 0.00	36.32 -1.75 0.00	34.85 -1.79 0.00	34.17 -1.91 0.00	34.41 -1.66 0.00	40.35 -2.39 0.00	56.69 -3.36 0.00	60.47 -3.93 0.00	52.58 -4.33 0.01	43.87 -3.25 0.01	42.00 -2.68 0.01	41.80 -2.86 0.01	42.29 -2.99 0.01	44.86 -3.48 0.01	47.41 -3.95 0.01	50.39 -4.12 0.36	63.62 -4.96 0.32	75.75 -5.09 0.01	73.29 -3.77 0.01	63.86 -4.07 0.01	54.44 -4.02 -0.17	46.84 -3.73 -0.16	40.83 -3.25 -0.10	38.94 -2.22 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	41.91 -1.70 0.00	36.70 -1.37 0.00	35.18 -1.47 0.00	34.75 -1.34 0.00	34.77 -1.30 0.00	40.91 -1.84 0.00	57.71 -2.34 0.00	61.76 -2.64 0.00	54.07 -2.85 0.00	44.91 -2.22 0.00	42.76 -1.92 0.00	42.74 -1.92 0.00	43.38 -1.90 0.00	46.22 -2.13 0.00	48.90 -2.47 0.00	52.03 -2.69 0.14	65.69 -3.17 0.04	77.61 -3.23 0.00	74.68 -2.39 0.00	65.56 -2.38 0.00	55.91 -2.62 -0.23	48.06 -2.57 -0.23	41.79 -2.33 -0.14	39.47 -1.69 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	41.34 -2.27 0.00	36.25 -1.83 0.00	34.70 -1.94 0.00	34.32 -1.77 0.00	34.30 -1.77 0.00	40.22 -2.52 0.00	56.57 -3.48 0.00	60.34 -4.06 0.00	52.58 -4.33 0.01	43.82 -3.30 0.01	41.82 -2.86 0.01	41.76 -2.90 0.01	42.38 -2.90 0.01	45.05 -3.29 0.01	47.56 -3.80 0.01	50.38 -4.17 0.31	63.64 -5.03 0.23	75.67 -5.17 0.01	73.06 -4.01 0.01	64.20 -3.74 0.01	54.46 -4.02 -0.19	46.76 -3.83 -0.18	40.80 -3.30 -0.11	38.77 -2.39 0.00
STA_56___34_KV_BUS2 355983	41.34 -2.27 0.00	36.25 -1.83 0.00	34.70 -1.94 0.00	34.32 -1.77 0.00	34.30 -1.77 0.00	40.22 -2.52 0.00	56.57 -3.48 0.00	60.34 -4.06 0.00	52.58 -4.33 0.01	43.82 -3.30 0.01	41.82 -2.86 0.01	41.76 -2.90 0.01	42.38 -2.90 0.01	45.05 -3.29 0.01	47.56 -3.80 0.01	50.38 -4.17 0.31	63.64 -5.03 0.23	75.67 -5.17 0.01	73.06 -4.01 0.01	64.20 -3.74 0.01	54.46 -4.02 -0.19	46.76 -3.83 -0.18	40.80 -3.30 -0.11	38.77 -2.39 0.00
STA_67___115KV_BK2 355882	41.43 -2.18 0.00	36.36 -1.71 0.00	34.77 -1.87 0.00	34.39 -1.70 0.00	34.38 -1.70 0.00	40.27 -2.48 0.00	56.57 -3.48 0.00	60.34 -4.06 0.00	52.47 -4.44 0.01	43.82 -3.30 0.01	41.77 -2.90 0.01	41.71 -2.95 0.01	42.33 -2.94 0.01	44.96 -3.38 0.01	47.46 -3.90 0.01	50.22 -4.28 0.35	63.46 -5.17 0.28	75.51 -5.34 0.01	73.06 -4.01 0.01	64.20 -3.74 0.01	54.40 -4.08 -0.18	46.70 -3.88 -0.18	40.79 -3.30 -0.11	38.82 -2.35 0.00
STA_7___115KV_9TRANS 80674	41.65 -1.96 0.00	36.51 -1.56 0.00	34.96 -1.69 0.00	34.57 -1.52 0.00	34.56 -1.52 0.00	40.48 -2.27 0.00	56.99 -3.06 0.00	60.79 -3.61 0.00	52.87 -4.04 0.01	44.10 -3.02 0.01	42.09 -2.59 0.01	42.02 -2.64 0.01	42.70 -2.58 0.01	45.34 -3.00 0.01	47.87 -3.49 0.01	50.66 -3.84 0.36	64.08 -4.55 0.28	76.31 -4.53 0.01	73.75 -3.31 0.01	64.74 -3.19 0.01	54.86 -3.61 -0.18	47.10 -3.48 -0.18	41.01 -3.08 -0.11	39.06 -2.10 0.00
STA_82___115KV_TB1 80780	41.47 -2.14 0.00	36.36 -1.71 0.00	34.77 -1.87 0.00	34.39 -1.70 0.00	34.38 -1.70 0.00	40.27 -2.48 0.00	56.57 -3.48 0.00	60.34 -4.06 0.00	52.52 -4.38 0.01	43.82 -3.30 0.01	41.77 -2.90 0.01	41.71 -2.95 0.01	42.33 -2.94 0.01	45.00 -3.34 0.01	47.46 -3.90 0.01	50.22 -4.28 0.36	63.45 -5.17 0.28	75.59 -5.26 0.01	73.13 -3.93 0.01	64.20 -3.74 0.01	54.40 -4.08 -0.18	46.75 -3.83 -0.18	40.79 -3.30 -0.11	38.86 -2.31 0.00
STEEL___WIND 323596	40.29 -3.32 0.00	35.26 -2.82 0.00	33.75 -2.90 0.00	33.02 -3.07 0.00	33.19 -2.89 0.00	38.81 -3.93 0.00	53.75 -6.30 0.00	56.67 -7.73 0.00	49.84 -7.06 0.01	41.70 -5.42 0.01	39.93 -4.74 0.01	39.74 -4.91 0.01	40.24 -5.03 0.01	42.73 -5.61 0.01	45.24 -6.11 0.01	47.93 -6.26 0.67	60.28 -7.86 0.77	71.94 -8.89 0.02	69.12 -7.94 0.02	60.72 -7.20 0.02	52.15 -6.30 -0.14	44.60 -5.95 -0.14	39.23 -4.84 -0.08	37.33 -3.83 0.00
STEPHTWN_115KV_BK_2 55603	45.31 1.70 0.00	39.52 1.45 0.00	38.11 1.47 0.00	37.56 1.48 0.00	37.55 1.48 0.00	44.46 1.71 0.00	62.64 2.58 0.00	67.10 2.70 0.00	59.36 2.45 0.00	48.97 1.84 0.00	46.47 1.79 0.00	46.32 1.65 0.00	46.87 1.59 0.00	50.28 1.93 0.00	53.58 2.21 0.00	58.22 2.58 -0.79	74.15 3.24 -2.01	84.65 3.80 0.00	80.85 3.78 0.00	71.13 3.19 0.00	64.11 2.80 -3.01	55.68 2.32 -2.96	47.84 1.98 -1.88	42.93 1.77 0.00
STEBEN_REC_LFGE 323667	41.04 -2.57 0.00	35.94 -2.13 0.00	34.33 -2.31 0.00	33.92 -2.17 0.00	33.84 -2.24 0.00	39.67 -3.08 0.00	55.97 -4.08 0.00	59.89 -4.51 0.00	52.07 -4.78 0.07	42.91 -4.15 0.07	40.37 -4.25 0.07	40.22 -4.38 0.07	40.83 -4.39 0.07	43.64 -4.64 0.07	46.27 -5.03 0.07	46.30 -5.16 3.40	59.11 -6.34 3.45	73.75 -7.03 0.07	70.61 -6.40 0.07	62.10 -5.78 0.07	53.11 -4.84 0.36	45.27 -4.79 0.35	39.60 -4.13 0.25	37.70 -3.46 0.00
STILLWATER___SOLAR 323814	45.53 1.92 0.00	39.71 1.64 0.00	38.25 1.61 0.00	37.74 1.66 0.00	37.70 1.62 0.00	44.67 1.93 0.00	62.94 2.88 0.00	67.36 2.96 0.00	59.25 2.33 0.00	48.64 1.51 0.00	46.12 1.43 0.00	45.96 1.30 0.00	46.55 1.27 0.00	49.99 1.64 0.00	53.37 2.00 0.00	58.14 2.47 -0.81	74.28 3.31 -2.07	84.73 3.88 0.00	80.92 3.85 0.00	71.34 3.40 0.00	64.25 2.86 -3.10	55.82 2.37 -3.05	47.94 2.02 -1.93	42.97 1.81 0.00
STONY___BROOK 24151	46.26 3.23 0.58	40.58 2.51 0.00	38.67 2.09 0.06	38.28 2.20 0.00	38.10 2.09 0.06	41.94 3.51 4.31	48.82 4.93 16.16	49.21 4.12 19.31	47.71 5.29 14.50	47.94 5.23 4.42	48.84 4.73 0.58	39.14 4.78 10.31	39.31 4.98 10.96	48.37 5.32 5.30	48.51 5.60 8.46	49.47 5.10 10.49	55.65 6.96 20.21	73.43 8.41 15.82	64.67 7.33 19.73	58.48 6.79 16.26	50.30 5.77 13.77	49.59 5.04 5.86	48.22 4.62 0.38	39.57 3.78 5.38
STURGEON_POOL_HYD 23609	45.88 2.27 0.00	39.94 1.87 0.00	38.51 1.87 0.00	37.85 1.77 0.00	37.84 1.77 0.00	44.93 2.18 0.00	63.36 3.30 0.00	68.00 3.61 0.00	60.67 3.76 0.00	50.47 3.35 0.00	47.68 2.99 0.00	47.75 3.08 0.00	48.50 3.22 0.00	51.83 3.48 0.00	55.07 3.70 0.00	59.29 3.73 -0.70	75.58 4.89 -1.78	86.99 6.14 0.00	82.47 5.39 0.00	72.63 4.69 0.00	65.05 4.08 -2.66	56.56 3.53 -2.62	48.77 3.12 -1.66	43.88 2.72 0.00

ST_LAW_115_BK7_LBMP 345037	43.83 0.22 0.00	38.26 0.19 0.00	36.72 0.07 0.00	36.16 0.07 0.00	36.11 0.04 0.00	43.00 0.26 0.00	60.12 0.06 0.00	64.46 0.06 0.00	56.86 -0.06 0.00	46.99 -0.14 0.00	44.55 -0.13 0.00	44.49 -0.18 0.00	45.15 -0.14 0.00	48.11 -0.24 0.00	51.12 -0.26 0.00	54.58 -0.27 0.00	68.43 -0.48 0.00	80.20 -0.65 0.00	76.15 -0.92 0.00	67.26 -0.68 0.00	57.89 -0.41 0.00	50.26 -0.15 0.00	43.94 -0.04 0.00	41.04 -0.12 0.00
ST_LAW_115_BK8_LBMP 345038	43.83 0.22 0.00	38.26 0.19 0.00	36.72 0.07 0.00	36.16 0.07 0.00	36.11 0.04 0.00	43.00 0.26 0.00	60.12 0.06 0.00	64.46 0.06 0.00	56.86 -0.06 0.00	46.99 -0.14 0.00	44.55 -0.13 0.00	44.49 -0.18 0.00	45.15 -0.14 0.00	48.11 -0.24 0.00	51.12 -0.26 0.00	54.58 -0.27 0.00	68.43 -0.48 0.00	80.20 -0.65 0.00	76.15 -0.92 0.00	67.26 -0.68 0.00	57.89 -0.41 0.00	50.26 -0.15 0.00	43.94 -0.04 0.00	41.04 -0.12 0.00
ST_LAW_230_BK5_LBMP 345035	43.79 0.18 0.00	38.23 0.15 0.00	36.68 0.04 0.00	36.12 0.04 0.00	36.07 0.00 0.00	42.92 0.17 0.00	60.06 0.00 0.00	64.40 0.00 0.00	56.74 -0.17 0.00	46.94 -0.19 0.00	44.55 -0.13 0.00	44.49 -0.18 0.00	45.11 -0.18 0.00	48.11 -0.24 0.00	51.07 -0.31 0.00	54.53 -0.33 0.00	68.43 -0.48 0.00	80.12 -0.73 0.00	76.15 -0.92 0.00	67.41 -0.75 -0.21	57.91 -0.47 -0.08	50.21 -0.20 0.00	43.90 -0.09 0.00	41.00 -0.16 0.00
ST_LAW_230_BK6_LBMP 345036	43.79 0.18 0.00	38.23 0.15 0.00	36.68 0.04 0.00	36.12 0.04 0.00	36.07 0.00 0.00	42.92 0.17 0.00	60.06 0.00 0.00	64.40 0.00 0.00	56.74 -0.17 0.00	46.94 -0.19 0.00	44.55 -0.13 0.00	44.49 -0.18 0.00	45.11 -0.18 0.00	48.11 -0.24 0.00	51.07 -0.31 0.00	54.53 -0.33 0.00	68.43 -0.48 0.00	80.12 -0.73 0.00	76.15 -0.92 0.00	67.41 -0.75 -0.21	57.91 -0.47 -0.08	50.21 -0.20 0.00	43.90 -0.09 0.00	41.00 -0.16 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	46.10 2.49 0.00	40.17 2.09 0.00	38.69 2.05 0.00	38.03 1.95 0.00	37.98 1.91 0.00	45.23 2.48 0.00	63.66 3.60 0.00	68.39 3.99 0.00	61.07 4.15 0.00	50.95 3.82 0.00	48.17 3.49 0.00	48.24 3.57 0.00	49.00 3.71 0.00	52.31 3.96 0.00	55.58 4.21 0.00	59.74 4.22 -0.66	76.03 5.44 -1.68	87.64 6.79 0.00	83.01 5.93 0.00	73.11 5.16 0.00	65.19 4.37 -2.51	56.76 3.88 -2.47	49.03 3.47 -1.57	44.13 2.96 0.00
SWANROAD_115KV_TB1 355699	39.95 -3.66 0.00	34.61 -3.46 0.00	33.01 -3.63 0.00	32.73 -3.36 0.00	32.57 -3.50 0.00	37.92 -4.83 0.00	52.49 -7.57 0.00	55.38 -9.02 0.00	48.14 -8.76 0.01	40.47 -6.65 0.01	38.69 -5.99 0.01	38.58 -6.07 0.01	39.11 -6.16 0.01	41.37 -6.96 0.01	43.40 -7.96 0.01	45.84 -8.45 0.57	58.43 -9.99 0.48	69.20 -11.64 0.01	67.35 -9.71 0.01	59.23 -8.70 0.01	50.15 -8.34 -0.19	42.93 -7.66 -0.19	37.94 -6.16 -0.11	36.51 -4.65 0.00
SYNERGY___BIOGAS 323694	41.26 -2.35 0.00	35.98 -2.09 0.00	34.33 -2.31 0.00	34.03 -2.06 0.00	34.02 -2.06 0.00	39.63 -3.12 0.00	55.55 -4.50 0.00	58.92 -5.47 0.00	51.16 -5.75 0.01	42.69 -4.43 0.01	40.79 -3.89 0.01	40.64 -4.02 0.01	41.34 -3.94 0.01	43.79 -4.54 0.01	46.12 -5.24 0.01	48.83 -5.54 0.49	62.16 -6.34 0.40	74.05 -6.79 0.01	71.82 -5.24 0.01	63.04 -4.89 0.01	53.47 -5.01 -0.19	45.70 -4.89 -0.18	39.92 -4.18 -0.11	38.28 -2.88 0.00
SYRACUSE___ENERGY_ST1 323597	42.87 -0.74 0.00	37.50 -0.57 0.00	36.09 -0.55 0.00	35.54 -0.54 0.00	35.57 -0.51 0.00	42.06 -0.68 0.00	59.34 -0.72 0.00	63.62 -0.77 0.00	56.29 -0.63 0.00	46.61 -0.52 0.00	44.15 -0.54 0.00	44.22 -0.45 0.00	44.83 -0.45 0.00	47.91 -0.44 0.00	50.81 -0.57 0.00	54.33 -0.60 -0.08	68.41 -0.69 -0.19	80.20 -0.65 0.00	76.53 -0.54 0.00	67.40 -0.54 0.00	57.95 -0.64 -0.29	50.04 -0.66 -0.28	43.50 -0.66 -0.18	40.63 -0.54 0.00
SYRACUSE___ENERGY_ST2 323598	42.87 -0.74 0.00	37.50 -0.57 0.00	36.09 -0.55 0.00	35.54 -0.54 0.00	35.57 -0.51 0.00	42.06 -0.68 0.00	59.34 -0.72 0.00	63.62 -0.77 0.00	56.29 -0.63 0.00	46.61 -0.52 0.00	44.15 -0.54 0.00	44.22 -0.45 0.00	44.83 -0.45 0.00	47.91 -0.44 0.00	50.81 -0.57 0.00	54.33 -0.60 -0.08	68.41 -0.69 -0.19	80.20 -0.65 0.00	76.53 -0.54 0.00	67.40 -0.54 0.00	57.95 -0.64 -0.29	50.04 -0.66 -0.28	43.50 -0.66 -0.18	40.63 -0.54 0.00
SYRACUSE___POWER 24017	42.87 -0.74 0.00	37.46 -0.61 0.00	36.06 -0.59 0.00	35.51 -0.58 0.00	35.53 -0.54 0.00	42.02 -0.73 0.00	59.28 -0.78 0.00	63.62 -0.77 0.00	56.18 -0.74 0.00	46.57 -0.57 0.00	44.11 -0.58 0.00	44.14 -0.54 0.00	44.79 -0.50 0.00	47.87 -0.48 0.00	50.76 -0.62 0.00	54.46 -0.66 -0.26	68.55 -0.76 -0.41	80.13 -0.73 0.00	76.46 -0.62 0.00	67.33 -0.61 0.00	58.02 -0.64 -0.36	50.11 -0.66 -0.36	43.55 -0.66 -0.23	40.63 -0.54 0.00
TALLMAN_138KV_BK151 55660	46.27 2.66 0.00	40.32 2.25 0.00	38.80 2.16 0.00	38.18 2.09 0.00	38.13 2.06 0.00	45.40 2.65 0.00	63.96 3.90 0.00	68.65 4.25 0.00	61.41 4.50 0.00	51.32 4.19 0.00	48.53 3.84 0.00	48.60 3.93 0.00	49.36 4.08 0.00	52.70 4.35 0.00	56.00 4.62 0.00	60.08 4.55 -0.67	76.47 5.86 -1.71	88.13 7.28 0.00	83.47 6.40 0.00	73.51 5.57 0.00	65.58 4.72 -2.56	57.06 4.13 -2.52	49.27 3.69 -1.60	44.33 3.17 0.00
TEALLAVE_115KV_TB7 355573	42.65 -0.96 0.00	37.27 -0.80 0.00	35.87 -0.77 0.00	35.36 -0.72 0.00	35.39 -0.69 0.00	41.81 -0.94 0.00	58.97 -1.08 0.00	63.24 -1.16 0.00	55.89 -1.02 0.00	46.33 -0.80 0.00	43.88 -0.80 0.00	43.95 -0.71 0.00	44.56 -0.72 0.00	47.62 -0.73 0.00	50.45 -0.92 0.00	53.94 -0.99 -0.07	67.84 -1.24 -0.17	79.56 -1.29 0.00	75.99 -1.08 0.00	66.92 -1.02 0.00	57.51 -1.05 -0.26	49.70 -0.96 -0.26	43.22 -0.92 -0.16	40.38 -0.78 0.00
TELGRAPH_34_KV_EAST 80808	40.65 -2.97 0.00	35.41 -2.67 0.00	33.82 -2.82 0.00	33.49 -2.60 0.00	33.40 -2.67 0.00	38.90 -3.85 0.00	54.23 -5.83 0.00	57.31 -7.08 0.00	49.85 -7.06 0.01	41.74 -5.37 0.01	39.89 -4.78 0.01	39.79 -4.87 0.01	40.38 -4.89 0.01	42.78 -5.56 0.01	44.94 -6.42 0.01	47.59 -6.75 0.52	60.48 -7.99 0.44	71.94 -8.89 0.01	69.81 -7.24 0.01	61.34 -6.59 0.01	52.02 -6.47 -0.19	44.49 -6.10 -0.19	39.08 -5.01 -0.11	37.50 -3.66 0.00
TEMPLE___115KV_TB 2 55572	42.65 -0.96 0.00	37.31 -0.76 0.00	35.91 -0.73 0.00	35.40 -0.69 0.00	35.39 -0.69 0.00	41.85 -0.90 0.00	59.03 -1.02 0.00	63.30 -1.09 0.00	55.95 -0.97 0.00	46.37 -0.75 0.00	43.93 -0.76 0.00	44.00 -0.67 0.00	44.61 -0.68 0.00	47.67 -0.68 0.00	50.50 -0.87 0.00	53.99 -0.93 -0.07	67.91 -1.17 -0.18	79.64 -1.21 0.00	76.07 -1.00 0.00	66.92 -1.02 0.00	57.57 -0.99 -0.26	49.71 -0.96 -0.26	43.22 -0.92 -0.17	40.42 -0.74 0.00
TIANA___69_KV_BK 1 55817	45.99 2.97 0.59	40.28 2.21 0.00	38.41 1.83 0.06	37.92 1.84 0.00	37.85 1.84 0.06	41.39 3.25 4.61	48.24 4.56 16.38	48.64 3.80 19.55	47.17 4.95 14.70	47.33 4.85 4.65	48.38 4.51 0.82	39.56 4.42 9.53	39.48 4.53 10.33	47.53 4.74 5.55	47.68 4.98 8.68	48.89 5.05 11.02	54.82 6.27 20.36	73.36 7.60 15.09	64.24 6.55 19.38	57.69 5.98 16.23	49.39 5.07 13.98	48.86 4.49 6.03	47.25 3.78 0.52	38.79 3.38 5.75

TILDEN___115KV_TB1 80814	42.87 -0.74 0.00	37.46 -0.61 0.00	36.06 -0.59 0.00	35.51 -0.58 0.00	35.53 -0.54 0.00	42.02 -0.73 0.00	59.28 -0.78 0.00	63.62 -0.77 0.00	56.18 -0.74 0.00	46.57 -0.57 0.00	44.11 -0.58 0.00	44.14 -0.54 0.00	44.79 -0.50 0.00	47.87 -0.48 0.00	50.76 -0.62 0.00	54.46 -0.66 -0.26	68.55 -0.76 -0.41	80.13 -0.73 0.00	76.46 -0.62 0.00	67.33 -0.61 0.00	58.02 -0.64 -0.36	50.11 -0.66 -0.36	43.55 -0.66 -0.23	40.63 -0.54 0.00
TRIGEN___CC 323695	47.26 3.53 -0.12	40.83 2.74 -0.02	39.09 2.42 -0.03	38.49 2.38 -0.02	38.45 2.34 -0.03	67.53 3.68 -21.11	68.95 5.04 -3.85	72.22 4.44 -3.38	66.65 5.52 -4.22	67.69 5.33 -15.24	69.46 5.00 -19.77	66.03 5.14 -16.22	74.81 5.30 -24.23	71.08 5.61 -17.12	67.75 5.91 -10.47	96.17 5.92 -35.38	90.41 7.30 -14.21	94.36 8.81 -4.70	88.10 7.71 -3.32	86.76 7.00 -11.82	70.86 5.95 -6.61	65.53 5.29 -9.84	60.07 4.57 -11.51	71.63 4.12 -26.35
TRINITY___115KV___4 BK 55933	44.96 1.35 0.00	39.22 1.14 0.00	37.85 1.21 0.00	37.27 1.19 0.00	37.30 1.23 0.00	44.07 1.33 0.00	62.04 1.98 0.00	66.46 2.06 0.00	58.91 1.99 0.00	48.64 1.51 0.00	46.12 1.43 0.00	46.05 1.38 0.00	46.60 1.31 0.00	49.90 1.55 0.00	53.17 1.80 0.00	57.73 2.08 -0.79	73.46 2.55 -2.01	83.84 2.99 0.00	80.00 2.93 0.00	70.46 2.51 0.00	63.52 2.22 -3.01	55.18 1.81 -2.96	47.44 1.58 -1.88	42.60 1.44 0.00
UNION___PROCESSING_DRP 323587	41.47 -2.14 0.00	36.36 -1.71 0.00	34.77 -1.87 0.00	34.42 -1.66 0.00	34.38 -1.70 0.00	40.27 -2.48 0.00	56.63 -3.42 0.00	60.34 -4.06 0.00	52.52 -4.38 0.01	43.82 -3.30 0.01	41.77 -2.90 0.01	41.71 -2.95 0.01	42.38 -2.90 0.01	45.00 -3.34 0.01	47.46 -3.90 0.01	50.22 -4.28 0.36	63.52 -5.10 0.28	75.59 -5.26 0.01	73.13 -3.93 0.01	64.26 -3.67 0.01	54.40 -4.08 -0.18	46.75 -3.83 -0.18	40.79 -3.30 -0.11	38.86 -2.31 0.00
UPPER HUDSON___HYD 24058	45.23 1.61 0.00	39.44 1.37 0.00	37.96 1.32 0.00	37.49 1.41 0.00	37.44 1.37 0.00	44.46 1.71 0.00	62.52 2.46 0.00	66.90 2.51 0.00	58.68 1.77 0.00	48.02 0.89 0.00	45.63 0.94 0.00	45.38 0.71 0.00	45.92 0.63 0.00	49.41 1.06 0.00	52.81 1.44 0.00	57.59 1.92 -0.82	73.74 2.76 -2.08	84.00 3.15 0.00	80.38 3.31 0.00	70.79 2.85 0.00	63.86 2.45 -3.11	55.43 1.96 -3.06	47.64 1.71 -1.94	42.69 1.52 0.00
UPPER RAQUET___HYD 24056	44.57 0.96 0.00	38.91 0.84 0.00	37.30 0.66 0.00	36.70 0.61 0.00	36.65 0.58 0.00	43.82 1.07 0.00	61.01 0.96 0.00	65.49 1.09 0.00	57.48 0.57 0.00	47.32 0.19 0.00	47.19 2.50 0.00	47.17 2.50 0.00	45.74 0.45 0.00	48.73 0.38 0.00	51.78 0.41 0.00	55.36 0.49 -0.01	69.21 0.28 -0.03	80.61 -0.24 0.00	76.38 -0.70 0.00	65.19 -0.41 2.35	57.35 -0.12 0.84	50.95 0.50 -0.04	44.62 0.62 -0.03	41.66 0.50 0.00
VALLEY44_115KV_TB2 355964	40.38 -3.23 0.00	35.41 -2.67 0.00	33.89 -2.75 0.00	33.49 -2.60 0.00	33.40 -2.67 0.00	39.07 -3.68 0.00	54.53 -5.53 0.00	57.57 -6.83 0.00	51.83 -5.07 0.02	42.77 -4.34 0.02	40.78 -3.89 0.02	40.72 -3.93 0.02	41.51 -3.76 0.02	44.41 -3.92 0.02	47.14 -4.21 0.02	50.22 -3.79 0.86	63.44 -4.69 0.77	74.93 -5.90 0.02	70.42 -6.63 0.02	62.08 -5.84 0.02	54.92 -3.56 -0.18	46.50 -4.08 -0.17	40.48 -3.61 -0.10	37.83 -3.33 0.00
VALLEY___115KV_TB 1-4 80826	45.44 1.83 0.00	39.63 1.56 0.00	38.14 1.50 0.00	37.53 1.44 0.00	37.52 1.44 0.00	44.50 1.75 0.00	62.52 2.46 0.00	66.97 2.58 0.00	59.08 2.16 0.00	48.92 1.79 0.00	46.34 1.65 0.00	46.37 1.70 0.00	46.92 1.63 0.00	49.99 1.64 0.00	53.17 1.80 0.00	56.78 1.92 0.00	71.25 2.34 0.00	83.44 2.59 0.00	79.54 2.47 0.00	70.05 2.11 0.00	59.99 1.69 0.00	51.97 1.56 0.00	45.26 1.28 0.00	42.36 1.19 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	45.31 1.70 0.00	39.52 1.45 0.00	38.07 1.43 0.00	37.38 1.30 0.00	37.41 1.33 0.00	44.54 1.80 0.00	62.76 2.70 0.00	67.04 2.64 0.00	59.19 2.28 0.00	49.01 1.89 0.00	46.38 1.70 0.00	46.50 1.83 0.00	47.32 2.04 0.00	50.48 2.13 0.00	53.84 2.47 0.00	57.93 2.74 -0.33	73.39 3.65 -0.83	84.81 3.96 0.00	80.62 3.55 0.00	71.07 3.13 0.00	62.28 2.74 -1.24	53.95 2.32 -1.22	46.65 1.89 -0.78	42.81 1.65 0.00
VISCHER___FERRY HYD 24020	45.27 1.66 0.00	39.48 1.41 0.00	38.03 1.39 0.00	37.53 1.44 0.00	37.48 1.41 0.00	44.37 1.62 0.00	62.46 2.40 0.00	66.97 2.58 0.00	59.25 2.33 0.00	48.78 1.65 0.00	46.21 1.52 0.00	46.14 1.47 0.00	46.69 1.41 0.00	49.99 1.64 0.00	53.27 1.90 0.00	57.96 2.30 -0.80	73.84 2.89 -2.04	84.24 3.40 0.00	80.54 3.47 0.00	71.07 3.13 0.00	63.99 2.63 -3.06	55.53 2.12 -3.01	47.69 1.80 -1.91	42.81 1.65 0.00
V_A_10_SYNC_DSASP 323832	40.43 -3.18 0.00	35.52 -2.55 0.00	33.93 -2.71 0.00	33.63 -2.45 0.00	33.51 -2.56 0.00	39.11 -3.63 0.00	54.41 -5.65 0.00	57.63 -6.76 0.00	49.96 -6.94 0.01	41.98 -5.14 0.01	40.07 -4.60 0.01	39.97 -4.69 0.01	40.48 -4.80 0.01	42.83 -5.51 0.01	44.99 -6.37 0.01	47.49 -6.91 0.46	59.98 -8.54 0.38	71.62 -9.22 0.01	69.89 -7.17 0.01	61.41 -6.52 0.01	51.72 -6.76 -0.18	44.44 -6.15 -0.18	39.12 -4.97 -0.11	37.58 -3.58 0.00
V_CMM_10_SYNC_DSASP 323787	44.00 0.39 0.00	38.42 0.34 0.00	36.86 0.22 0.00	36.30 0.22 0.00	36.25 0.18 0.00	43.17 0.43 0.00	60.36 0.30 0.00	64.78 0.39 0.00	57.09 0.17 0.00	47.17 0.05 0.00	44.73 0.04 0.00	44.67 0.00 0.00	45.33 0.05 0.00	48.30 -0.05 0.00	51.32 -0.05 0.00	54.80 -0.05 0.00	68.70 -0.21 0.00	80.53 -0.32 0.00	76.38 -0.69 0.00	67.47 -0.48 0.00	58.07 -0.23 0.00	50.41 0.00 0.00	44.07 0.09 0.00	41.20 0.04 0.00
V_CMP_10_SYNC_DSASP 323788	44.31 0.70 0.00	38.57 0.49 0.00	36.90 0.26 0.00	36.26 0.18 0.00	36.22 0.14 0.00	43.13 0.38 0.00	59.15 -0.90 0.00	63.24 -1.16 0.00	55.72 -1.20 0.00	46.23 -0.90 0.00	43.97 -0.71 0.00	43.82 -0.85 0.00	44.24 -1.04 0.00	47.09 -1.26 0.00	50.04 -1.34 0.00	53.16 -1.70 0.00	66.56 -2.34 0.00	77.86 -2.99 0.00	73.68 -3.39 0.00	50.77 -2.92 14.25	50.69 -2.27 5.34	48.94 -1.46 0.00	43.10 -0.88 0.00	40.22 -0.95 0.00
V_D_10_SYNC_DSASP 323841	44.40 0.78 0.00	38.76 0.69 0.00	37.16 0.51 0.00	36.59 0.51 0.00	36.54 0.47 0.00	43.60 0.85 0.00	60.90 0.84 0.00	65.36 0.97 0.00	57.54 0.63 0.00	47.46 0.33 0.00	45.00 0.31 0.00	44.94 0.27 0.00	45.69 0.41 0.00	48.69 0.34 0.00	51.73 0.36 0.00	55.24 0.38 0.00	69.25 0.34 0.00	81.01 0.16 0.00	76.84 -0.23 0.00	67.54 0.00 0.40	58.33 0.17 0.15	50.86 0.45 0.00	44.47 0.48 0.00	41.53 0.37 0.00
V_E_10_SYNC_DSASP 323830	45.27 1.66 0.00	39.48 1.41 0.00	37.92 1.28 0.00	37.13 1.05 0.00	37.23 1.15 0.00	44.63 1.88 0.00	63.30 3.24 0.00	67.74 3.35 0.00	59.21 2.28 -0.02	48.56 1.41 -0.02	45.73 1.03 -0.02	45.98 1.30 -0.02	46.98 1.68 -0.02	50.11 1.74 -0.02	53.70 2.31 -0.02	58.95 2.91 -1.18	74.91 4.34 -1.67	86.04 5.17 -0.02	81.71 4.62 -0.02	71.83 3.87 -0.02	62.86 3.32 -1.24	54.09 2.47 -1.22	46.48 1.72 -0.78	42.68 1.52 0.00

V_F_30_NSYNC___DSASP 323816	45.57 1.96 0.00	39.75 1.68 0.00	38.29 1.65 0.00	37.71 1.62 0.00	37.70 1.62 0.00	44.76 2.01 0.00	62.94 2.88 0.00	67.36 2.96 0.00	59.31 2.39 0.00	48.68 1.56 0.00	46.25 1.56 0.00	46.05 1.38 0.00	46.55 1.27 0.00	50.04 1.69 0.00	53.43 2.05 0.00	58.19 2.52 -0.81	74.35 3.38 -2.07	84.73 3.88 0.00	81.00 3.93 0.00	71.27 3.33 0.00	64.32 2.92 -3.10	55.83 2.37 -3.05	47.99 2.07 -1.94	43.01 1.85 0.00
V_F_30_SYNC_DSASP 323786	45.22 1.61 0.00	39.44 1.37 0.00	38.03 1.39 0.00	37.49 1.41 0.00	37.48 1.41 0.00	44.33 1.58 0.00	62.40 2.34 0.00	66.91 2.51 0.00	59.25 2.33 0.00	48.87 1.74 0.00	46.38 1.70 0.00	46.28 1.61 0.00	46.83 1.54 0.00	50.19 1.84 0.00	53.48 2.11 0.00	58.06 2.41 -0.79	73.96 3.03 -2.02	84.33 3.48 0.00	80.46 3.39 0.00	70.86 2.92 0.00	63.89 2.57 -3.02	55.50 2.12 -2.97	47.67 1.80 -1.88	42.81 1.65 0.00
V_XM_10_SYNC_DSASP 323789	44.31 0.70 0.00	38.57 0.49 0.00	36.90 0.26 0.00	36.26 0.18 0.00	36.22 0.14 0.00	43.13 0.38 0.00	59.15 -0.90 0.00	63.24 -1.16 0.00	55.72 -1.20 0.00	46.23 -0.90 0.00	43.97 -0.71 0.00	43.82 -0.85 0.00	44.24 -1.04 0.00	47.09 -1.26 0.00	50.04 -1.34 0.00	53.16 -1.70 0.00	66.56 -2.34 0.00	77.86 -2.99 0.00	73.68 -3.39 0.00	50.77 -2.92 14.25	50.69 -2.27 5.34	48.94 -1.46 0.00	43.10 -0.88 0.00	40.22 -0.95 0.00
W.BABYLN_69_KV_BK1 56697	46.76 3.58 0.43	41.04 2.97 0.00	38.98 2.38 0.04	38.65 2.56 0.00	38.56 2.53 0.04	48.40 3.76 -1.89	53.42 5.22 11.86	54.41 4.51 14.50	52.08 5.63 10.47	52.87 5.42 -0.33	54.23 5.18 -4.36	52.03 5.27 -2.09	54.03 5.39 -3.36	54.08 5.75 0.03	53.25 5.96 4.08	61.17 6.03 -0.28	63.83 7.65 12.72	79.50 9.14 10.48	70.77 8.02 14.31	65.34 7.34 9.94	55.15 6.24 9.38	53.76 5.65 2.29	51.25 4.75 -2.52	47.68 4.16 -2.36
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	46.45 2.83 0.00	40.43 2.36 0.00	38.95 2.31 0.00	38.29 2.20 0.00	38.24 2.16 0.00	45.53 2.78 0.00	64.20 4.14 0.00	68.90 4.51 0.00	61.64 4.72 0.00	51.46 4.34 0.00	48.66 3.98 0.00	48.73 4.06 0.00	49.54 4.26 0.00	52.85 4.50 0.00	56.15 4.78 0.00	60.30 4.77 -0.67	76.76 6.13 -1.72	88.53 7.68 0.00	83.78 6.71 0.00	73.78 5.84 0.00	65.83 4.96 -2.57	57.27 4.33 -2.53	49.46 3.87 -1.60	44.50 3.33 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	46.62 3.01 0.00	40.59 2.51 0.00	39.06 2.42 0.00	38.39 2.31 0.00	38.35 2.27 0.00	45.70 2.95 0.00	64.32 4.26 0.00	69.16 4.77 0.00	62.09 5.18 0.00	51.98 4.85 0.00	49.11 4.42 0.00	49.22 4.56 0.00	50.00 4.71 0.00	53.28 4.93 0.00	56.61 5.24 0.00	60.70 5.16 -0.69	77.13 6.48 -1.75	88.85 8.00 0.00	84.08 7.01 0.00	74.06 6.11 0.00	66.11 5.19 -2.62	57.52 4.54 -2.58	49.75 4.13 -1.63	44.70 3.54 0.00
W50THST__13_KV_LOAD 356117	46.84 3.23 0.00	40.74 2.67 0.00	39.17 2.53 0.00	38.50 2.42 0.00	38.45 2.38 0.00	45.87 3.12 0.00	64.56 4.50 0.00	69.42 5.02 0.00	62.32 5.41 0.00	52.22 5.09 0.00	49.33 4.65 0.00	49.45 4.78 0.00	50.22 4.94 0.00	53.52 5.17 0.00	56.87 5.50 0.00	60.98 5.43 -0.69	77.55 6.89 -1.75	89.26 8.41 0.00	84.39 7.32 0.00	74.33 6.39 0.00	66.34 5.42 -2.62	57.72 4.74 -2.58	49.93 4.31 -1.63	44.83 3.66 0.00
WADING RIVER_IC_1 23522	45.50 2.48 0.59	39.90 1.83 0.00	38.05 1.47 0.06	37.63 1.55 0.00	37.49 1.48 0.06	40.89 2.78 4.64	47.62 3.96 16.40	47.97 3.15 19.58	46.58 4.38 14.72	46.88 4.43 4.67	47.87 4.02 0.84	39.07 3.97 9.58	39.02 4.12 10.39	47.17 4.40 5.58	47.30 4.63 8.70	47.85 4.06 11.07	54.17 5.65 20.39	72.72 6.95 15.08	63.54 5.85 19.39	57.19 5.50 16.25	49.02 4.72 14.00	48.44 4.08 6.05	47.19 3.74 0.53	38.38 3.00 5.79
WADING RIVER_IC_2 23547	45.50 2.48 0.59	39.90 1.83 0.00	38.05 1.47 0.06	37.63 1.55 0.00	37.49 1.48 0.06	40.89 2.78 4.64	47.62 3.96 16.40	47.97 3.15 19.58	46.58 4.38 14.72	46.88 4.43 4.67	47.87 4.02 0.84	39.07 3.97 9.58	39.02 4.12 10.39	47.17 4.40 5.58	47.30 4.63 8.70	47.85 4.06 11.07	54.17 5.65 20.39	72.72 6.95 15.08	63.54 5.85 19.39	57.19 5.50 16.25	49.02 4.72 14.00	48.44 4.08 6.05	47.19 3.74 0.53	38.38 3.00 5.79
WADING RIVER_IC_3 23601	45.50 2.48 0.59	39.90 1.83 0.00	38.05 1.47 0.06	37.63 1.55 0.00	37.49 1.48 0.06	40.89 2.78 4.64	47.62 3.96 16.40	47.97 3.15 19.58	46.58 4.38 14.72	46.88 4.43 4.67	47.87 4.02 0.84	39.07 3.97 9.58	39.02 4.12 10.39	47.17 4.40 5.58	47.30 4.63 8.70	47.85 4.06 11.07	54.17 5.65 20.39	72.72 6.95 15.08	63.54 5.85 19.39	57.19 5.50 16.25	49.02 4.72 14.00	48.44 4.08 6.05	47.19 3.74 0.53	38.38 3.00 5.79
WALDENNY_12_KV_BK2 80841	40.34 -3.27 0.00	35.33 -2.74 0.00	33.75 -2.89 0.00	33.41 -2.67 0.00	33.26 -2.81 0.00	38.77 -3.98 0.00	53.81 -6.25 0.00	56.73 -7.66 0.00	49.84 -7.06 0.01	41.74 -5.37 0.01	39.89 -4.78 0.01	39.79 -4.87 0.01	40.38 -4.89 0.01	42.87 -5.46 0.01	45.09 -6.27 0.01	47.84 -6.36 0.66	60.47 -7.86 0.58	71.94 -8.89 0.01	69.27 -7.78 0.01	60.93 -7.00 0.01	52.25 -6.24 -0.19	44.55 -6.05 -0.19	39.26 -4.84 -0.11	37.33 -3.83 0.00
WALDEN___HYDRO 24148	46.23 2.62 0.00	40.24 2.17 0.00	38.77 2.13 0.00	38.14 2.06 0.00	38.09 2.02 0.00	45.31 2.56 0.00	63.90 3.84 0.00	68.58 4.19 0.00	61.18 4.27 0.00	51.04 3.91 0.00	48.22 3.53 0.00	48.29 3.62 0.00	49.04 3.76 0.00	52.41 4.06 0.00	55.69 4.32 0.00	59.87 4.33 -0.68	76.27 5.65 -1.72	87.96 7.11 0.00	83.31 6.24 0.00	73.38 5.44 0.00	65.48 4.61 -2.57	56.97 4.03 -2.53	49.19 3.61 -1.60	44.25 3.09 0.00
WARRENSBURG____ 23737	45.22 1.61 0.00	39.44 1.37 0.00	37.96 1.32 0.00	37.46 1.37 0.00	37.44 1.37 0.00	44.50 1.75 0.00	62.52 2.46 0.00	66.91 2.51 0.00	58.68 1.76 0.00	48.02 0.90 0.00	45.71 1.03 0.00	45.38 0.71 0.00	45.87 0.59 0.00	49.41 1.06 0.00	52.81 1.44 0.00	57.59 1.92 -0.82	73.74 2.76 -2.08	84.00 3.15 0.00	80.38 3.31 0.00	70.73 2.79 0.00	63.92 2.51 -3.11	55.43 1.97 -3.06	47.64 1.72 -1.94	42.68 1.52 0.00
WATERSIDE___6 8 9 23538	46.84 3.23 0.00	40.78 2.70 0.00	39.21 2.56 0.00	38.54 2.45 0.00	38.45 2.38 0.00	45.78 3.04 0.00	64.02 3.96 0.00	68.70 4.31 0.01	61.70 4.78 0.00	51.89 4.76 0.00	49.07 4.38 0.00	49.18 4.51 0.00	49.95 4.66 0.00	53.18 4.83 0.00	56.46 5.09 0.00	60.37 4.83 -0.69	76.71 6.06 -1.74	88.28 7.44 0.01	83.54 6.47 0.01	73.57 5.64 0.01	65.69 4.78 -2.61	57.37 4.39 -2.58	49.84 4.22 -1.63	44.83 3.66 0.00
WATKINRD_115KV_LN8_ILLION 55919	44.88 1.26 0.00	39.18 1.10 0.00	37.71 1.06 0.00	37.09 1.01 0.00	37.08 1.01 0.00	43.99 1.24 0.00	61.86 1.80 0.00	66.26 1.87 0.00	58.51 1.59 0.00	48.40 1.27 0.00	45.89 1.21 0.00	45.87 1.21 0.00	46.51 1.22 0.00	49.56 1.21 0.00	52.71 1.34 0.00	56.34 1.48 0.00	70.70 1.79 0.00	82.87 2.02 0.00	79.00 1.93 0.00	69.57 1.63 0.00	59.64 1.34 0.00	51.62 1.21 0.00	44.99 1.01 0.00	42.11 0.95 0.00

WDELAWARE___HYD 323627	46.32 2.70 0.00	40.36 2.28 0.00	38.88 2.24 0.00	38.25 2.16 0.00	38.20 2.13 0.00	45.40 2.65 0.00	64.20 4.14 0.00	68.97 4.57 0.00	61.30 4.38 0.00	50.90 3.77 0.00	47.99 3.31 0.00	48.11 3.44 0.00	48.95 3.67 0.00	52.36 4.01 0.00	55.63 4.26 0.00	59.88 4.39 -0.63	76.43 5.93 -1.60	88.28 7.43 0.00	83.70 6.63 0.00	73.79 5.84 0.00	65.64 4.95 -2.39	57.04 4.28 -2.35	49.17 3.70 -1.49	44.33 3.17 0.00
WEST BABYLON___IC 23714	46.76 3.58 0.43	41.04 2.97 0.00	38.98 2.38 0.04	38.65 2.56 0.00	38.56 2.53 0.04	48.40 3.76 -1.89	53.42 5.22 11.86	54.41 4.51 14.50	52.08 5.63 10.47	52.87 5.42 -0.33	54.23 5.18 -4.36	52.03 5.27 -2.09	54.03 5.39 -3.36	54.08 5.75 0.03	53.25 5.96 4.08	61.17 6.03 -0.28	63.83 7.65 12.72	79.50 9.14 10.48	70.77 8.02 14.31	65.34 7.34 9.94	55.15 6.24 9.38	53.76 5.65 2.29	51.25 4.75 -2.52	47.68 4.16 -2.36
WEST CANADA___HYD 24049	43.79 0.18 0.00	38.23 0.15 0.00	36.83 0.18 0.00	36.23 0.14 0.00	36.22 0.14 0.00	42.92 0.17 0.00	60.36 0.30 0.00	64.72 0.32 0.00	57.20 0.29 0.00	47.36 0.24 0.00	44.91 0.22 0.00	44.89 0.22 0.00	45.56 0.27 0.00	48.64 0.29 0.00	51.68 0.31 0.00	55.24 0.39 0.00	69.39 0.49 0.00	81.42 0.57 0.00	77.61 0.54 0.00	68.42 0.48 0.00	58.71 0.41 0.00	50.71 0.30 0.00	44.25 0.27 0.00	41.37 0.21 0.00
WESTERN_NY_WIND 24143	41.17 -2.44 0.00	35.90 -2.17 0.00	34.30 -2.35 0.00	33.96 -2.13 0.00	33.94 -2.13 0.00	39.54 -3.21 0.00	55.43 -4.62 0.00	58.79 -5.60 0.00	50.98 -5.92 0.01	42.55 -4.57 0.01	40.70 -3.98 0.01	40.55 -4.11 0.01	41.20 -4.08 0.01	43.70 -4.64 0.01	45.97 -5.39 0.01	48.65 -5.71 0.50	61.94 -6.55 0.42	73.80 -7.03 0.01	71.59 -5.47 0.01	62.90 -5.03 0.01	53.36 -5.13 -0.19	45.55 -5.04 -0.18	39.83 -4.27 -0.11	38.20 -2.96 0.00
WESTOVER___LESR 323668	43.44 -0.17 0.00	37.96 -0.11 0.00	36.53 -0.11 0.00	35.98 -0.11 0.00	35.96 -0.11 0.00	42.53 -0.21 0.00	59.94 -0.12 0.00	63.94 -0.45 0.00	56.45 -0.46 0.00	46.79 -0.33 0.00	44.32 -0.36 0.00	44.35 -0.31 0.00	45.01 -0.27 0.00	48.10 -0.24 0.00	51.06 -0.31 0.00	54.56 -0.27 0.02	69.16 -0.07 -0.33	80.84 0.00 0.00	77.07 0.00 0.00	67.87 -0.07 0.00	59.14 0.00 -0.84	50.98 -0.25 -0.82	44.24 -0.26 -0.52	41.04 -0.12 0.00
WETHRSFD_WT_PWR 323626	40.29 -3.32 0.00	35.26 -2.82 0.00	33.75 -2.90 0.00	33.02 -3.07 0.00	33.12 -2.96 0.00	38.68 -4.06 0.00	53.87 -6.18 0.00	57.70 -6.70 0.00	50.09 -6.77 0.05	4.14 -5.85 37.14	4.05 -5.81 34.82	4.05 -5.81 34.81	4.09 -5.84 35.35	4.15 -6.14 38.05	4.16 -6.68 40.53	4.17 -6.97 43.72	59.31 -8.34 1.26	71.20 -9.62 0.03	68.57 -8.48 0.03	60.24 -7.68 0.03	51.68 -6.70 -0.08	44.33 -6.15 -0.08	38.92 -5.10 -0.04	37.05 -4.12 0.00
WHAVSTOR_138KV_BK127 55557	46.23 2.62 0.00	40.28 2.21 0.00	38.77 2.13 0.00	38.14 2.06 0.00	38.09 2.02 0.00	45.35 2.61 0.00	63.84 3.78 0.00	68.58 4.19 0.00	61.35 4.44 0.00	51.27 4.15 0.00	48.48 3.80 0.00	48.55 3.89 0.00	49.32 4.03 0.00	52.65 4.30 0.00	55.94 4.57 0.00	60.03 4.50 -0.68	76.34 5.72 -1.72	87.96 7.11 0.00	83.31 6.24 0.00	73.38 5.44 0.00	65.48 4.61 -2.57	57.02 4.08 -2.53	49.24 3.65 -1.60	44.29 3.13 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	46.23 2.62 0.00	40.28 2.21 0.00	38.77 2.13 0.00	38.14 2.06 0.00	38.09 2.02 0.00	45.35 2.61 0.00	63.84 3.78 0.00	68.58 4.19 0.00	61.35 4.44 0.00	51.27 4.15 0.00	48.48 3.80 0.00	48.55 3.89 0.00	49.32 4.03 0.00	52.65 4.30 0.00	55.94 4.57 0.00	60.03 4.50 -0.68	76.34 5.72 -1.72	87.96 7.11 0.00	83.31 6.24 0.00	73.38 5.44 0.00	65.48 4.61 -2.57	57.02 4.08 -2.53	49.24 3.65 -1.60	44.29 3.13 0.00
WHITEHAL_115KV_TB1 80871	46.01 2.40 0.00	40.13 2.06 0.00	38.62 1.98 0.00	38.10 2.02 0.00	38.09 2.02 0.00	45.31 2.56 0.00	63.84 3.78 0.00	68.32 3.93 0.00	59.65 2.73 0.00	48.64 1.51 0.00	46.34 1.65 0.00	45.96 1.30 0.00	46.37 1.09 0.00	50.04 1.69 0.00	53.58 2.21 0.00	58.53 2.85 -0.82	75.05 4.07 -2.08	85.70 4.85 0.00	82.08 5.01 0.00	72.15 4.21 0.00	65.08 3.67 -3.11	56.39 2.92 -3.06	48.43 2.51 -1.94	43.38 2.22 0.00
WHITEPLN_13_KV_LOAD 356215	46.62 3.01 0.00	40.59 2.51 0.00	39.10 2.46 0.00	38.43 2.35 0.00	38.38 2.31 0.00	45.70 2.95 0.00	64.44 4.38 0.00	69.22 4.83 0.00	62.04 5.12 0.00	51.79 4.67 0.00	48.98 4.29 0.00	49.09 4.42 0.00	49.90 4.62 0.00	53.28 4.93 0.00	56.61 5.24 0.00	60.75 5.21 -0.68	77.33 6.68 -1.74	88.93 8.08 0.00	84.24 7.17 0.00	74.12 6.18 0.00	66.16 5.25 -2.61	57.56 4.59 -2.57	49.66 4.05 -1.63	44.62 3.46 0.00
WM_FLOYD_69_KV_BK2 356380	45.99 2.97 0.59	40.24 2.17 0.00	38.41 1.83 0.06	37.88 1.80 0.00	37.81 1.80 0.06	41.47 3.21 4.48	48.33 4.56 16.29	48.74 3.80 19.45	47.25 4.95 14.62	47.38 4.81 4.55	48.44 4.47 0.72	39.73 4.42 9.36	39.74 4.57 10.12	47.74 4.83 5.45	47.87 5.09 8.59	49.21 5.16 10.80	55.08 6.41 20.24	73.48 7.76 15.13	64.49 6.78 19.36	57.97 6.18 16.15	49.71 5.31 13.89	49.13 4.69 5.96	47.52 4.00 0.46	39.11 3.54 5.59
WOODARD___115KV_TB2 355635	42.61 -1.00 0.00	37.27 -0.80 0.00	35.87 -0.77 0.00	35.33 -0.76 0.00	35.35 -0.72 0.00	41.76 -0.98 0.00	58.91 -1.14 0.00	63.17 -1.22 0.00	55.83 -1.08 0.00	46.23 -0.90 0.00	43.84 -0.85 0.00	43.86 -0.80 0.00	44.52 -0.77 0.00	47.53 -0.82 0.00	50.40 -0.98 0.00	53.88 -1.04 -0.07	67.77 -1.31 -0.17	79.48 -1.37 0.00	75.91 -1.16 0.00	66.85 -1.09 0.00	57.45 -1.11 -0.26	49.65 -1.01 -0.25	43.18 -0.97 -0.16	40.34 -0.82 0.00
WOODMERE_69_KV_BK1 55827	48.22 4.06 -0.56	41.29 3.16 -0.05	39.57 2.82 -0.10	38.88 2.74 -0.05	38.92 2.74 -0.10	104.39 4.15 -57.50	82.68 5.77 -16.86	86.46 5.09 -16.97	79.64 6.20 -16.52	95.07 5.89 -42.05	95.62 5.59 -45.35	88.10 5.72 -37.72	113.69 5.89 -62.52	96.15 6.24 -41.57	89.09 6.58 -31.15	146.67 6.69 -85.12	118.98 8.27 -41.81	108.51 9.94 -17.72	102.71 8.79 -16.86	111.42 7.95 -35.53	84.58 6.76 -19.51	81.58 5.95 -25.22	77.66 5.15 -28.53	117.54 4.61 -71.77
YORK___WARBASSE 23770	47.14 3.53 0.00	41.04 2.97 0.00	39.43 2.78 0.00	38.75 2.67 0.00	38.67 2.60 0.00	45.91 3.16 0.00	63.90 3.84 0.00	68.51 4.12 0.01	61.35 4.44 0.00	51.89 4.76 0.00	49.02 4.33 0.00	49.18 4.51 0.00	50.00 4.71 0.00	53.14 4.79 0.00	56.35 4.98 0.00	60.15 4.61 -0.69	76.44 5.79 -1.74	88.04 7.20 0.01	83.54 6.47 0.01	73.57 5.64 0.01	65.52 4.61 -2.61	57.27 4.28 -2.58	50.06 4.44 -1.63	45.07 3.91 0.00