

Day Ahead Market Generator LBMP

Generator Data		--- LBMP \$										--- Marginal Cost of Losses										--- Marginal Cost of Congestion										07/02/2025		
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	50.76	45.87	40.20	37.62	37.08	39.42	43.18	49.91	53.10	53.39	51.25	54.47	56.92	61.24	64.78	69.14	75.64	86.42	88.54	84.14	72.99	64.72	55.52	50.44									
		4.40	4.13	3.79	3.51	3.40	3.62	4.14	4.91	4.61	4.76	4.70	4.91	5.17	5.52	5.84	7.46	8.88	9.68	9.70	7.72	6.27	4.68	4.30	3.87									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	-1.14	0.00	0.00	0.00	0.00	0.00	0.00									
74TH STREET_GT_1	24260	50.86	45.95	40.27	37.69	37.15	39.45	43.22	49.91	53.10	53.40	51.16	54.48	56.87	61.19	64.72	69.07	75.50	86.35	88.54	84.14	73.06	64.78	55.63	50.48									
		4.50	4.22	3.86	3.58	3.47	3.65	4.18	4.91	4.61	4.76	4.61	4.91	5.12	5.46	5.78	7.40	8.75	9.60	9.70	7.72	6.34	4.74	4.41	3.91									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.02	-0.02	0.00	0.00	0.00	0.00	0.00	-1.14	0.00	0.00	0.00	0.00	0.00	0.00									
74TH STREET_GT_2	24261	50.86	45.95	40.27	37.69	37.15	39.45	43.22	49.91	53.10	53.40	51.16	54.48	56.87	61.19	64.72	69.07	75.50	86.35	88.54	84.14	73.06	64.78	55.63	50.48									
		4.50	4.22	3.86	3.58	3.47	3.65	4.18	4.91	4.61	4.76	4.61	4.91	5.12	5.46	5.78	7.40	8.75	9.60	9.70	7.72	6.34	4.74	4.41	3.91									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.02	-0.02	0.00	0.00	0.00	0.00	0.00	-1.14	0.00	0.00	0.00	0.00	0.00	0.00									
ADK HUDSON___FALLS	24011	49.23	44.41	38.70	36.12	35.67	38.02	41.54	47.98	51.11	51.05	48.03	50.99	53.40	57.68	61.13	64.51	69.89	84.57	84.52	81.31	71.25	63.94	54.19	49.13									
		2.87	2.67	2.29	2.01	1.99	2.22	2.50	2.97	2.62	2.43	1.49	1.44	1.66	1.95	2.18	2.84	3.14	4.39	5.68	4.89	4.54	3.90	2.97	2.56									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.58	0.00	0.00	0.00	0.00	0.00	0.00									
ADK RESOURCE___RCVRY	23798	49.60	44.70	38.85	36.19	35.77	38.24	41.70	48.16	51.35	51.24	47.89	50.80	53.25	57.51	61.01	64.26	69.90	84.08	85.31	82.54	72.06	64.66	54.60	49.46									
		3.24	2.96	2.44	2.08	2.09	2.44	2.66	3.15	2.86	2.62	1.35	1.24	1.50	1.78	2.06	2.59	3.14	4.54	6.47	6.12	5.34	4.62	3.38	2.89									
		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	0.00	0.00	-3.93	0.00	0.00	0.00	0.00	0.00	0.00									
ADK S GLENS___FALLS	24028	49.23	44.41	38.70	36.12	35.67	38.02	41.54	47.98	51.11	51.05	48.03	50.99	53.40	57.68	61.13	64.51	69.89	84.57	84.52	81.31	71.25	63.94	54.19	49.13									
		2.87	2.67	2.29	2.01	1.99	2.22	2.50	2.97	2.62	2.43	1.49	1.44	1.66	1.95	2.18	2.84	3.14	4.39	5.68	4.89	4.54	3.90	2.97	2.56									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.58	0.00	0.00	0.00	0.00	0.00	0.00									
ADK_NYS___DAM	23527	49.00	44.16	38.67	36.22	35.74	37.99	41.47	48.20	51.21	51.34	48.87	51.89	54.23	58.73	62.31	65.68	71.43	87.63	84.60	81.08	70.72	63.40	53.83	48.85									
		2.64	2.42	2.26	2.12	2.05	2.18	2.42	3.20	2.71	2.72	2.33	2.33	2.48	3.01	3.36	4.01	4.67	5.59	5.75	4.66	4.00	3.36	2.61	2.28									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.43	0.00	0.00	0.00	0.00	0.00	0.00									
AIR_PRODUCTS___DRP	24190	47.01	42.40	37.21	34.86	34.42	36.55	39.79	46.13	49.07	49.10	46.82	49.75	52.00	56.17	59.48	62.85	67.76	67.28	80.66	77.41	67.52	60.52	51.53	46.85									
		0.65	0.67	0.80	0.75	0.74	0.75	0.74	1.13	0.58	0.49	0.28	0.20	0.26	0.45	0.53	1.17	1.00	1.74	1.81	0.99	0.80	0.48	0.31	0.28									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.07	0.00	0.00	0.00	0.00	0.00	0.00									
AKWESSNE_115KV_BK	355683	45.90	41.15	35.97	33.77	33.38	35.37	38.61	44.47	48.35	48.42	46.45	49.36	51.43	55.11	58.36	60.38	65.36	73.79	76.64	75.20	65.85	59.56	50.91	46.48									
		-0.46	-0.58	-0.44	-0.34	-0.30	-0.43	-0.43	-0.54	-0.15	-0.19	-0.09	-0.20	-0.31	-0.61	-0.59	-1.30	-1.40	-1.81	-2.21	-1.22	-0.87	-0.48	-0.31	-0.09									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
ALBANY_1_SOLAR	323833	47.94	43.20	37.79	35.37	34.93	37.09	40.33	46.54	47.59	47.45	45.68	47.73	49.33	52.24	54.64	56.89	60.50	66.89	78.38	76.57	67.52	60.64	51.63	47.04									
		1.58	1.46	1.38	1.26	1.25	1.29	1.29	1.53	0.29	0.05	-0.28	-0.40	-0.36	-0.28	-0.18	0.25	0.20	0.98	1.42	1.15	0.80	0.60	0.41	0.47									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.19	1.21	0.59	1.42	2.06	3.21	4.14	5.03	6.46	9.69	1.88	1.00	0.00	0.00	0.00	0.00									
ALBANY_2_SOLAR	323834	47.94	43.20	37.79	35.37	34.93	37.05	40.33	46.54	47.59	47.45	45.68	47.73	49.33	52.24	54.58	56.83	60.50	66.84	78.30	76.49	67.52	60.64	51.63	46.99									
		1.58	1.46	1.38	1.26	1.25	1.25	1.29	1.53	0.29	0.05	-0.28	-0.40	-0.36	-0.28	-0.23	0.19	0.20	0.91	1.34	1.07	0.80	0.60	0.41	0.42									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.19	1.21	0.59	1.42	2.05	3.21	4.13	5.03	6.45	9.68	1.88	1.00	0.00	0.00	0.00	0.00									
ALBANY___1	23571	47.01	42.40	37.21	34.86	34.42	36.55	39.79	46.13	49.07	49.10	46.82	49.75	52.00	56.17	59.48	62.85	67.76	67.28	80.66	77.41	67.52	60.52	51.53	46.85									
		0.65	0.67	0.80	0.75	0.74	0.75	0.74	1.13	0.58	0.49	0.28	0.20	0.26	0.45	0.53	1.17	1.00	1.74	1.81	0.99	0.80	0.48	0.31	0.28									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.07	0.00	0.00	0.00	0.00	0.00	0.00									

ALBANY___2 23572	47.01 0.65 0.00	42.40 0.67 0.00	37.21 0.80 0.00	34.86 0.75 0.00	34.42 0.74 0.00	36.55 0.75 0.00	39.79 0.74 0.00	46.13 1.13 0.00	49.07 0.58 0.00	49.10 0.49 0.00	46.82 0.28 0.00	49.75 0.20 0.00	52.00 0.26 0.00	56.17 0.45 0.00	59.48 0.53 0.00	62.85 1.17 0.00	67.76 1.00 0.00	67.28 1.74 10.07	80.66 1.81 0.00	77.41 0.99 0.00	67.52 0.80 0.00	60.52 0.48 0.00	51.53 0.31 0.00	46.85 0.28 0.00
ALBANY___3 23573	47.01 0.65 0.00	42.40 0.67 0.00	37.21 0.80 0.00	34.86 0.75 0.00	34.42 0.74 0.00	36.55 0.75 0.00	39.79 0.74 0.00	46.13 1.13 0.00	49.07 0.58 0.00	49.10 0.49 0.00	46.82 0.28 0.00	49.75 0.20 0.00	52.00 0.26 0.00	56.17 0.45 0.00	59.48 0.53 0.00	62.85 1.17 0.00	67.76 1.00 0.00	67.28 1.74 10.07	80.66 1.81 0.00	77.41 0.99 0.00	67.52 0.80 0.00	60.52 0.48 0.00	51.53 0.31 0.00	46.85 0.28 0.00
ALBANY___4 23574	47.01 0.65 0.00	42.40 0.67 0.00	37.21 0.80 0.00	34.86 0.75 0.00	34.42 0.74 0.00	36.55 0.75 0.00	39.79 0.74 0.00	46.13 1.13 0.00	49.07 0.58 0.00	49.10 0.49 0.00	46.82 0.28 0.00	49.75 0.20 0.00	52.00 0.26 0.00	56.17 0.45 0.00	59.48 0.53 0.00	62.85 1.17 0.00	67.76 1.00 0.00	67.28 1.74 10.07	80.66 1.81 0.00	77.41 0.99 0.00	67.52 0.80 0.00	60.52 0.48 0.00	51.53 0.31 0.00	46.85 0.28 0.00
ALBANY___LFGE 323615	47.66 1.30 0.00	42.90 1.17 0.00	37.61 1.20 0.00	35.23 1.12 0.00	34.79 1.11 0.00	36.98 1.18 0.00	40.26 1.21 0.00	46.68 1.67 0.00	49.65 1.16 0.00	49.74 1.12 0.00	47.38 0.84 0.00	50.35 0.79 0.00	52.68 0.93 0.00	56.84 1.11 0.00	60.24 1.30 0.00	63.46 1.79 0.00	68.62 1.87 0.00	79.30 2.72 -0.98	81.76 2.92 0.00	78.56 2.14 0.00	68.45 1.73 0.00	61.36 1.32 0.00	52.19 0.97 0.00	47.45 0.88 0.00
ALCOA_PA_115KV_PL-6C 55860	46.13 -0.23 0.00	41.36 -0.38 0.00	36.16 -0.25 0.00	33.94 -0.17 0.00	33.55 -0.13 0.00	35.55 -0.25 0.00	38.81 -0.23 0.00	44.69 -0.32 0.00	48.64 0.15 0.00	48.72 0.10 0.00	46.73 0.19 0.00	49.61 0.05 0.00	51.59 -0.16 0.00	55.34 -0.39 0.00	58.54 -0.41 0.00	60.56 -1.11 0.00	65.49 -1.27 0.00	73.94 -1.66 0.00	76.87 -1.97 0.00	75.50 -0.92 0.00	66.12 -0.60 0.00	59.86 -0.18 0.00	51.17 -0.05 0.00	46.80 0.23 0.00
ALCOA_RYNLDS___DRP 24188	46.13 -0.23 0.00	41.36 -0.38 0.00	36.16 -0.25 0.00	33.94 -0.17 0.00	33.55 -0.13 0.00	35.55 -0.25 0.00	38.81 -0.23 0.00	44.69 -0.32 0.00	48.64 0.15 0.00	48.72 0.10 0.00	46.73 0.19 0.00	49.61 0.05 0.00	51.59 -0.16 0.00	55.34 -0.39 0.00	58.54 -0.41 0.00	60.56 -1.11 0.00	65.49 -1.27 0.00	73.94 -1.66 0.00	76.87 -1.97 0.00	75.50 -0.92 0.00	66.12 -0.60 0.00	59.86 -0.18 0.00	51.17 -0.05 0.00	46.80 0.23 0.00
ALCOA___DSASP 323711	46.13 -0.23 0.00	41.36 -0.38 0.00	36.16 -0.25 0.00	33.94 -0.17 0.00	33.55 -0.13 0.00	35.55 -0.25 0.00	38.81 -0.23 0.00	44.70 -0.31 0.00	48.64 0.15 0.00	48.72 0.10 0.00	46.73 0.19 0.00	49.61 0.05 0.00	51.59 -0.15 0.00	55.34 -0.39 0.00	58.54 -0.41 0.00	60.75 -0.92 0.00	65.49 -1.27 0.00	74.01 -1.59 0.00	76.95 -1.89 0.00	75.51 -0.91 0.00	66.12 -0.60 0.00	59.86 -0.18 0.00	51.22 0.00 0.00	46.90 0.33 0.00
ALLEGHENY___COGEN 23514	47.06 0.70 0.00	44.41 2.67 0.00	38.09 1.68 0.00	35.71 1.60 0.00	35.13 1.45 0.00	37.56 1.75 0.00	40.53 1.48 0.00	45.37 0.36 0.00	46.75 -1.74 0.00	46.72 -1.90 0.00	44.82 -1.72 0.00	48.22 -1.34 0.00	50.56 -1.19 0.00	54.50 -1.23 0.00	57.30 -1.65 0.00	60.32 -1.36 0.00	65.96 -0.80 0.00	75.61 0.00 0.00	81.29 2.45 0.00	78.86 2.44 0.00	69.58 2.87 0.00	62.02 1.98 0.00	52.86 1.64 0.00	47.50 0.93 0.00
ALTAMONT_115KV_TB 2 55880	47.71 1.34 0.00	43.03 1.29 0.00	37.65 1.24 0.00	35.27 1.16 0.00	34.79 1.11 0.00	36.98 1.18 0.00	40.33 1.29 0.00	46.63 1.62 0.00	49.77 1.21 -0.07	49.85 1.17 -0.07	47.55 0.98 -0.03	50.63 0.99 -0.08	52.95 1.09 -0.12	57.13 1.23 -0.18	60.60 1.41 -0.23	63.93 1.97 -0.28	69.19 2.07 -0.37	72.90 2.72 5.43	81.87 2.92 -0.11	78.62 2.14 -0.06	68.59 1.87 0.00	61.42 1.38 0.00	52.35 1.13 0.00	47.55 0.98 0.00
ALTONA_WT_PWR 323606	45.30 -1.06 0.00	40.57 -1.17 0.00	35.54 -0.87 0.00	33.39 -0.72 0.00	33.08 -0.61 0.00	35.05 -0.75 0.00	38.34 -0.70 0.00	44.24 -0.77 0.00	47.81 -0.68 0.00	47.89 -0.73 0.00	46.17 -0.37 0.00	48.81 -0.74 0.00	50.87 -0.88 0.00	54.11 -1.62 0.00	57.00 -1.94 0.00	59.14 -2.53 0.00	63.82 -2.94 0.00	72.28 -3.32 0.00	75.30 -3.55 0.00	73.90 -2.52 0.00	64.65 -2.07 0.00	58.30 -1.74 0.00	50.14 -1.08 0.00	46.43 -0.14 0.00
AMERICAN_REF_FUEL 24010	44.92 -1.44 0.00	41.57 -0.17 0.00	35.35 -1.06 0.00	33.22 -0.89 0.00	32.77 -0.91 0.00	35.09 -0.72 0.00	37.44 -1.60 0.00	41.50 -3.51 0.00	45.05 -3.44 0.00	45.85 -2.77 0.00	44.26 -2.28 0.00	47.48 -2.08 0.00	49.83 -1.91 0.00	53.72 -2.00 0.00	56.24 -2.71 0.00	59.09 -2.59 0.00	64.56 -2.20 0.00	72.66 -2.95 0.00	77.34 -1.50 0.00	73.21 -3.21 0.00	64.18 -2.54 0.00	57.34 -2.70 0.00	49.58 -1.64 0.00	45.08 -1.49 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	46.64 0.28 0.00	43.20 1.46 0.00	36.92 0.51 0.00	34.69 0.58 0.00	33.92 0.24 0.00	36.41 0.61 0.00	39.20 0.16 0.00	44.15 -0.86 0.00	47.86 -0.63 0.00	48.67 0.05 0.00	47.05 0.51 0.00	50.50 0.94 0.00	53.09 1.34 0.00	57.23 1.51 0.00	59.95 1.00 0.00	63.03 1.36 0.00	68.76 2.00 0.00	77.12 1.51 0.00	82.00 3.16 0.00	77.72 1.30 0.00	67.85 1.13 0.00	60.46 0.42 0.00	51.99 0.77 0.00	46.85 0.28 0.00
ARTHUR KILL_GT_1 23520	51.05 4.68 -0.01	46.17 4.42 -0.01	40.49 4.08 0.00	37.86 3.75 0.00	37.25 3.57 0.00	39.63 3.83 0.00	43.30 4.26 0.00	49.96 4.95 0.00	52.81 4.32 0.00	53.06 4.42 -0.02	51.03 4.47 -0.02	54.23 4.66 -0.02	56.35 4.61 0.00	57.43 4.51 2.81	57.68 4.48 5.75	59.96 6.11 7.82	69.57 7.48 4.67	76.19 8.39 7.81	78.66 8.12 8.31	74.29 6.19 8.32	59.10 5.07 12.69	57.78 3.54 5.80	55.52 4.30 0.00	50.81 4.24 0.00
ARTHUR_KILL_2 23512	50.96 4.59 -0.01	45.96 4.21 -0.01	40.35 3.93 -0.01	37.73 3.61 -0.01	37.16 3.47 -0.01	39.50 3.69 -0.01	43.15 4.10 -0.01	49.84 4.82 -0.01	52.71 4.22 0.00	52.91 4.28 -0.02	50.89 4.33 -0.02	54.03 4.46 -0.02	56.09 4.35 0.00	57.21 4.29 2.81	57.43 4.25 5.76	59.40 5.55 7.82	69.24 7.15 4.67	75.73 7.94 7.81	78.18 7.65 8.31	74.06 5.96 8.33	58.69 4.67 12.70	57.47 3.24 5.81	55.27 4.05 0.00	50.63 4.05 -0.01
ARTHUR_KILL_3 23513	50.35 3.99 0.00	45.37 3.63 0.00	39.80 3.39 0.00	37.24 3.14 0.00	36.68 3.00 0.00	38.99 3.19 0.00	42.71 3.67 0.00	49.33 4.32 0.00	52.57 4.07 0.00	52.76 4.13 -0.01	50.60 4.05 -0.01	53.78 4.21 -0.01	56.08 4.35 0.01	57.48 4.57 2.82	58.07 4.89 5.77	59.95 6.11 7.83	69.76 7.67 4.67	76.10 8.32 7.82	78.88 8.35 8.32	74.73 6.65 8.34	59.22 5.21 12.71	58.07 3.85 5.82	54.85 3.64 0.01	49.88 3.31 0.00

ARTHUR_KILL_COGEN 323718	51.14 4.78 -0.01	46.17 4.42 -0.01	40.50 4.08 -0.01	37.87 3.75 -0.01	37.30 3.61 -0.01	39.64 3.83 -0.01	43.31 4.26 -0.01	50.01 5.00 -0.01	52.90 4.41 0.00	53.10 4.47 -0.02	51.08 4.51 -0.02	54.23 4.66 -0.02	56.35 4.60 0.00	57.43 4.51 2.81	57.67 4.48 5.76	59.71 5.86 7.82	69.57 7.48 4.67	76.11 8.32 7.81	78.66 8.12 8.31	74.43 6.34 8.33	59.09 5.07 12.70	57.77 3.54 5.81	55.53 4.30 0.00	50.82 4.24 -0.01
ASHOKAN____ 23654	49.51 3.15 0.00	44.58 2.84 0.00	38.96 2.55 0.00	36.43 2.32 0.00	35.91 2.22 0.00	38.10 2.29 0.00	41.43 2.38 0.00	47.39 2.38 0.00	51.02 3.64 1.11	51.03 3.55 1.13	49.25 3.26 0.55	51.65 3.42 1.33	53.81 3.98 1.92	57.19 4.46 2.99	59.98 4.89 3.86	62.85 5.86 4.69	67.81 7.07 6.02	77.05 8.54 7.09	86.70 9.62 1.76	83.59 8.10 0.93	70.52 3.80 0.00	62.98 2.94 0.00	53.88 2.66 0.00	48.99 2.42 0.00
ASTORIA_EAST_ENERGY_CC1 323581	50.86 4.50 -0.01	45.84 4.09 -0.01	39.91 3.50 -0.01	37.36 3.24 -0.01	36.79 3.10 -0.01	39.21 3.40 -0.01	42.92 3.87 -0.01	49.56 4.54 -0.01	52.80 4.31 0.01	53.05 4.42 -0.01	50.92 4.37 -0.01	54.07 4.51 -0.01	56.35 4.60 0.00	60.41 4.68 0.00	63.48 4.54 0.01	67.65 5.98 0.00	74.43 7.67 0.00	85.44 8.69 -1.14	87.36 8.52 0.00	83.29 6.88 0.01	72.24 5.53 0.01	63.99 3.96 0.01	55.64 4.41 -0.01	50.12 3.54 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	50.86 4.50 -0.01	45.84 4.09 -0.01	39.91 3.50 -0.01	37.36 3.24 -0.01	36.79 3.10 -0.01	39.21 3.40 -0.01	42.92 3.87 -0.01	49.56 4.54 -0.01	52.80 4.31 0.01	53.05 4.42 -0.01	50.92 4.37 -0.01	54.07 4.51 -0.01	56.35 4.60 0.00	60.41 4.68 0.00	63.48 4.54 0.01	67.65 5.98 0.00	74.43 7.67 0.00	85.44 8.69 -1.14	87.36 8.52 0.00	83.29 6.88 0.01	72.24 5.53 0.01	63.99 3.96 0.01	55.64 4.41 -0.01	50.12 3.54 -0.01
ASTORIA_GT2_1 24094	50.77 4.40 -0.01	45.84 4.09 -0.01	39.94 3.53 0.00	37.38 3.27 0.00	36.85 3.17 0.00	39.20 3.40 0.00	42.91 3.87 0.00	49.55 4.55 0.00	52.71 4.22 0.00	53.06 4.42 -0.02	50.87 4.33 0.00	54.13 4.56 -0.02	56.40 4.66 0.00	60.46 4.74 0.00	63.49 4.54 0.00	67.96 6.29 0.00	74.50 7.74 0.00	85.52 8.77 -1.14	87.44 8.59 0.00	83.22 6.80 0.00	72.26 5.54 0.00	64.06 4.02 0.00	55.68 4.46 0.00	50.11 3.54 0.00
ASTORIA_GT2_2 24095	50.77 4.40 -0.01	45.84 4.09 -0.01	39.94 3.53 0.00	37.38 3.27 0.00	36.85 3.17 0.00	39.20 3.40 0.00	42.91 3.87 0.00	49.55 4.55 0.00	52.71 4.22 0.00	53.06 4.42 -0.02	50.87 4.33 0.00	54.13 4.56 -0.02	56.40 4.66 0.00	60.46 4.74 0.00	63.49 4.54 0.00	67.96 6.29 0.00	74.50 7.74 0.00	85.52 8.77 -1.14	87.44 8.59 0.00	83.22 6.80 0.00	72.26 5.54 0.00	64.06 4.02 0.00	55.68 4.46 0.00	50.11 3.54 0.00
ASTORIA_GT2_3 24096	50.77 4.40 -0.01	45.84 4.09 -0.01	39.94 3.53 0.00	37.38 3.27 0.00	36.85 3.17 0.00	39.20 3.40 0.00	42.91 3.87 0.00	49.55 4.55 0.00	52.71 4.22 0.00	53.06 4.42 -0.02	50.87 4.33 0.00	54.13 4.56 -0.02	56.40 4.66 0.00	60.46 4.74 0.00	63.49 4.54 0.00	67.96 6.29 0.00	74.50 7.74 0.00	85.52 8.77 -1.14	87.44 8.59 0.00	83.22 6.80 0.00	72.26 5.54 0.00	64.06 4.02 0.00	55.68 4.46 0.00	50.11 3.54 0.00
ASTORIA_GT2_4 24097	50.77 4.40 -0.01	45.84 4.09 -0.01	39.94 3.53 0.00	37.38 3.27 0.00	36.85 3.17 0.00	39.20 3.40 0.00	42.91 3.87 0.00	49.55 4.55 0.00	52.71 4.22 0.00	53.06 4.42 -0.02	50.87 4.33 0.00	54.13 4.56 -0.02	56.40 4.66 0.00	60.46 4.74 0.00	63.49 4.54 0.00	67.96 6.29 0.00	74.50 7.74 0.00	85.52 8.77 -1.14	87.44 8.59 0.00	83.22 6.80 0.00	72.26 5.54 0.00	64.06 4.02 0.00	55.68 4.46 0.00	50.11 3.54 0.00
ASTORIA_GT3_1 24098	50.77 4.40 -0.01	45.84 4.09 -0.01	39.94 3.53 0.00	37.38 3.27 0.00	36.85 3.17 0.00	39.20 3.40 0.00	42.91 3.87 0.00	49.55 4.55 0.00	52.71 4.22 0.00	53.06 4.42 -0.02	50.87 4.33 0.00	54.13 4.56 -0.02	56.40 4.66 0.00	60.46 4.74 0.00	63.49 4.54 0.00	67.96 6.29 0.00	74.50 7.74 0.00	85.52 8.77 -1.14	87.44 8.59 0.00	83.22 6.80 0.00	72.26 5.54 0.00	64.06 4.02 0.00	55.68 4.46 0.00	50.11 3.54 0.00
ASTORIA_GT3_2 24099	50.77 4.40 -0.01	45.84 4.09 -0.01	39.94 3.53 0.00	37.38 3.27 0.00	36.85 3.17 0.00	39.20 3.40 0.00	42.91 3.87 0.00	49.55 4.55 0.00	52.71 4.22 0.00	53.06 4.42 -0.02	50.87 4.33 0.00	54.13 4.56 -0.02	56.40 4.66 0.00	60.46 4.74 0.00	63.49 4.54 0.00	67.96 6.29 0.00	74.50 7.74 0.00	85.52 8.77 -1.14	87.44 8.59 0.00	83.22 6.80 0.00	72.26 5.54 0.00	64.06 4.02 0.00	55.68 4.46 0.00	50.11 3.54 0.00
ASTORIA_GT3_3 24100	50.77 4.40 -0.01	45.84 4.09 -0.01	39.94 3.53 0.00	37.38 3.27 0.00	36.85 3.17 0.00	39.20 3.40 0.00	42.91 3.87 0.00	49.55 4.55 0.00	52.71 4.22 0.00	53.06 4.42 -0.02	50.87 4.33 0.00	54.13 4.56 -0.02	56.40 4.66 0.00	60.46 4.74 0.00	63.49 4.54 0.00	67.96 6.29 0.00	74.50 7.74 0.00	85.52 8.77 -1.14	87.44 8.59 0.00	83.22 6.80 0.00	72.26 5.54 0.00	64.06 4.02 0.00	55.68 4.46 0.00	50.11 3.54 0.00
ASTORIA_GT3_4 24101	50.77 4.40 -0.01	45.84 4.09 -0.01	39.94 3.53 0.00	37.38 3.27 0.00	36.85 3.17 0.00	39.20 3.40 0.00	42.91 3.87 0.00	49.55 4.55 0.00	52.71 4.22 0.00	53.06 4.42 -0.02	50.87 4.33 0.00	54.13 4.56 -0.02	56.40 4.66 0.00	60.46 4.74 0.00	63.49 4.54 0.00	67.96 6.29 0.00	74.50 7.74 0.00	85.52 8.77 -1.14	87.44 8.59 0.00	83.22 6.80 0.00	72.26 5.54 0.00	64.06 4.02 0.00	55.68 4.46 0.00	50.11 3.54 0.00
ASTORIA_GT4_1 24102	50.77 4.40 -0.01	45.84 4.09 -0.01	39.94 3.53 0.00	37.38 3.27 0.00	36.85 3.17 0.00	39.20 3.40 0.00	42.91 3.87 0.00	49.55 4.55 0.00	52.71 4.22 0.00	53.06 4.42 -0.02	50.87 4.33 0.00	54.13 4.56 -0.02	56.40 4.66 0.00	60.46 4.74 0.00	63.49 4.54 0.00	67.96 6.29 0.00	74.50 7.74 0.00	85.52 8.77 -1.14	87.44 8.59 0.00	83.22 6.80 0.00	72.26 5.54 0.00	64.06 4.02 0.00	55.68 4.46 0.00	50.11 3.54 0.00
ASTORIA_GT4_2 24103	50.77 4.40 -0.01	45.84 4.09 -0.01	39.94 3.53 0.00	37.38 3.27 0.00	36.85 3.17 0.00	39.20 3.40 0.00	42.91 3.87 0.00	49.55 4.55 0.00	52.71 4.22 0.00	53.06 4.42 -0.02	50.87 4.33 0.00	54.13 4.56 -0.02	56.40 4.66 0.00	60.46 4.74 0.00	63.49 4.54 0.00	67.96 6.29 0.00	74.50 7.74 0.00	85.52 8.77 -1.14	87.44 8.59 0.00	83.22 6.80 0.00	72.26 5.54 0.00	64.06 4.02 0.00	55.68 4.46 0.00	50.11 3.54 0.00
ASTORIA_GT4_3 24104	50.77 4.40 -0.01	45.84 4.09 -0.01	39.94 3.53 0.00	37.38 3.27 0.00	36.85 3.17 0.00	39.20 3.40 0.00	42.91 3.87 0.00	49.55 4.55 0.00	52.71 4.22 0.00	53.06 4.42 -0.02	50.87 4.33 0.00	54.13 4.56 -0.02	56.40 4.66 0.00	60.46 4.74 0.00	63.49 4.54 0.00	67.96 6.29 0.00	74.50 7.74 0.00	85.52 8.77 -1.14	87.44 8.59 0.00	83.22 6.80 0.00	72.26 5.54 0.00	64.06 4.02 0.00	55.68 4.46 0.00	50.11 3.54 0.00

ASTORIA_GT4_4 24105	50.77 4.40 -0.01	45.84 4.09 -0.01	39.94 3.53 0.00	37.38 3.27 0.00	36.85 3.17 0.00	39.20 3.40 0.00	42.91 3.87 0.00	49.55 4.55 0.00	52.71 4.22 0.00	53.06 4.42 -0.02	50.87 4.33 0.00	54.13 4.56 -0.02	56.40 4.66 0.00	60.46 4.74 0.00	63.49 4.54 0.00	67.96 6.29 0.00	74.50 7.74 0.00	85.52 8.77 -1.14	87.44 8.59 0.00	83.22 6.80 0.00	72.26 5.54 0.00	64.06 4.02 0.00	55.68 4.46 0.00	50.11 3.54 0.00
ASTORIA_GT_1 23523	50.91 4.54 -0.01	45.96 4.22 -0.01	40.02 3.60 0.00	37.45 3.34 0.00	36.92 3.23 0.00	39.31 3.51 0.00	43.03 3.98 0.00	49.69 4.68 0.00	52.86 4.36 0.00	53.20 4.57 -0.02	51.01 4.47 0.00	54.28 4.71 -0.02	56.56 4.81 0.00	60.63 4.90 0.00	63.66 4.72 0.00	68.15 6.48 0.00	74.70 7.94 0.00	85.74 9.00 -1.14	87.75 8.91 0.00	83.45 7.03 0.00	72.52 5.80 0.00	64.24 4.20 0.00	55.83 4.61 0.00	50.25 3.68 0.00
ASTORIA_GT_10 24110	50.68 4.31 -0.01	45.75 4.01 -0.01	40.12 3.71 0.00	37.55 3.44 0.00	37.02 3.33 0.00	39.35 3.54 0.00	43.03 3.98 0.00	49.69 4.68 0.00	52.81 4.32 0.00	53.11 4.47 -0.02	50.93 4.37 -0.02	54.18 4.61 -0.02	56.40 4.66 0.00	60.46 4.74 0.00	63.60 4.66 0.00	67.90 6.23 0.00	74.30 7.54 0.00	85.14 8.39 -1.14	87.04 8.20 0.00	82.76 6.34 0.00	71.79 5.07 0.00	63.76 3.72 0.00	55.42 4.20 0.00	50.30 3.73 0.00
ASTORIA_GT_11 24225	50.68 4.31 -0.01	45.75 4.01 -0.01	40.12 3.71 0.00	37.55 3.44 0.00	37.02 3.33 0.00	39.35 3.54 0.00	43.03 3.98 0.00	49.69 4.68 0.00	52.81 4.32 0.00	53.11 4.47 -0.02	50.93 4.37 -0.02	54.18 4.61 -0.02	56.40 4.66 0.00	60.46 4.74 0.00	63.60 4.66 0.00	67.90 6.23 0.00	74.30 7.54 0.00	85.14 8.39 -1.14	87.04 8.20 0.00	82.76 6.34 0.00	71.79 5.07 0.00	63.76 3.72 0.00	55.42 4.20 0.00	50.30 3.73 0.00
ASTORIA_GT_12 24226	50.68 4.31 -0.01	45.75 4.01 -0.01	40.12 3.71 0.00	37.55 3.44 0.00	37.02 3.33 0.00	39.35 3.54 0.00	43.03 3.98 0.00	49.69 4.68 0.00	52.81 4.32 0.00	53.11 4.47 -0.02	50.93 4.37 -0.02	54.18 4.61 -0.02	56.40 4.66 0.00	60.46 4.74 0.00	63.60 4.66 0.00	67.90 6.23 0.00	74.30 7.54 0.00	85.14 8.39 -1.14	87.04 8.20 0.00	82.76 6.34 0.00	71.79 5.07 0.00	63.76 3.72 0.00	55.42 4.20 0.00	50.30 3.73 0.00
ASTORIA_GT_13 24227	50.68 4.31 -0.01	45.75 4.01 -0.01	40.12 3.71 0.00	37.55 3.44 0.00	37.02 3.33 0.00	39.35 3.54 0.00	43.03 3.98 0.00	49.69 4.68 0.00	52.81 4.32 0.00	53.11 4.47 -0.02	50.93 4.37 -0.02	54.18 4.61 -0.02	56.40 4.66 0.00	60.46 4.74 0.00	63.60 4.66 0.00	67.90 6.23 0.00	74.30 7.54 0.00	85.14 8.39 -1.14	87.04 8.20 0.00	82.76 6.34 0.00	71.79 5.07 0.00	63.76 3.72 0.00	55.42 4.20 0.00	50.30 3.73 0.00
ASTORIA_GT_5 24106	50.91 4.54 -0.01	45.96 4.22 -0.01	40.02 3.60 0.00	37.45 3.34 0.00	36.92 3.23 0.00	39.31 3.51 0.00	43.03 3.98 0.00	49.69 4.68 0.00	52.86 4.36 0.00	53.20 4.57 -0.02	51.01 4.47 0.00	54.28 4.71 -0.02	56.56 4.81 0.00	60.63 4.90 0.00	63.66 4.72 0.00	68.15 6.48 0.00	74.70 7.94 0.00	85.74 9.00 -1.14	87.75 8.91 0.00	83.45 7.03 0.00	72.52 5.80 0.00	64.24 4.20 0.00	55.83 4.61 0.00	50.25 3.68 0.00
ASTORIA_GT_7 24107	50.91 4.54 -0.01	45.96 4.22 -0.01	40.02 3.60 0.00	37.45 3.34 0.00	36.92 3.23 0.00	39.31 3.51 0.00	43.03 3.98 0.00	49.69 4.68 0.00	52.86 4.36 0.00	53.20 4.57 -0.02	51.01 4.47 0.00	54.28 4.71 -0.02	56.56 4.81 0.00	60.63 4.90 0.00	63.66 4.72 0.00	68.15 6.48 0.00	74.70 7.94 0.00	85.74 9.00 -1.14	87.75 8.91 0.00	83.45 7.03 0.00	72.52 5.80 0.00	64.24 4.20 0.00	55.83 4.61 0.00	50.25 3.68 0.00
ASTORIA_GT_8 24108	50.91 4.54 -0.01	45.96 4.22 -0.01	40.02 3.60 0.00	37.45 3.34 0.00	36.92 3.23 0.00	39.31 3.51 0.00	43.03 3.98 0.00	49.69 4.68 0.00	52.86 4.36 0.00	53.20 4.57 -0.02	51.01 4.47 0.00	54.28 4.71 -0.02	56.56 4.81 0.00	60.63 4.90 0.00	63.66 4.72 0.00	68.15 6.48 0.00	74.70 7.94 0.00	85.74 9.00 -1.14	87.75 8.91 0.00	83.45 7.03 0.00	72.52 5.80 0.00	64.24 4.20 0.00	55.83 4.61 0.00	50.25 3.68 0.00
ASTORIA___2 24149	50.86 4.50 -0.01	45.84 4.09 -0.01	39.95 3.53 -0.01	37.39 3.27 -0.01	36.82 3.13 -0.01	39.21 3.40 -0.01	42.92 3.87 -0.01	49.61 4.59 -0.01	52.80 4.31 0.01	53.10 4.47 -0.01	50.92 4.37 -0.01	54.12 4.56 -0.01	56.40 4.66 0.00	60.46 4.73 0.00	63.48 4.54 0.01	67.65 5.98 0.00	74.50 7.74 0.00	85.44 8.69 -1.14	87.44 8.60 0.00	83.29 6.88 0.01	72.24 5.53 0.01	64.06 4.02 0.01	55.64 4.41 -0.01	50.17 3.59 -0.01
ASTORIA___3 23516	50.73 4.36 -0.01	45.75 4.01 -0.01	40.13 3.72 -0.01	37.56 3.44 -0.01	36.99 3.30 -0.01	39.36 3.55 -0.01	43.04 3.98 -0.01	49.74 4.72 -0.01	52.95 4.46 0.00	53.16 4.52 -0.02	50.94 4.37 -0.02	54.18 4.61 -0.02	56.40 4.66 0.00	60.46 4.73 0.00	63.60 4.66 0.01	67.59 5.92 0.00	74.30 7.54 0.00	85.06 8.32 -1.14	87.04 8.20 0.00	82.83 6.42 0.01	71.78 5.07 0.01	63.76 3.72 0.01	55.37 4.15 0.00	50.31 3.73 -0.01
ASTORIA___4 23517	50.68 4.31 -0.01	45.75 4.01 -0.01	40.12 3.71 0.00	37.55 3.44 0.00	37.02 3.33 0.00	39.35 3.54 0.00	43.03 3.98 0.00	49.69 4.68 0.00	52.81 4.32 0.00	53.11 4.47 -0.02	50.93 4.37 -0.02	54.18 4.61 -0.02	56.40 4.66 0.00	60.46 4.74 0.00	63.60 4.66 0.00	67.90 6.23 0.00	74.30 7.54 0.00	85.14 8.39 -1.14	87.04 8.20 0.00	82.69 6.27 0.00	71.79 5.07 0.00	63.76 3.72 0.00	55.42 4.20 0.00	50.30 3.73 0.00
ASTORIA___5 23518	50.73 4.36 -0.01	45.75 4.01 -0.01	40.13 3.72 -0.01	37.56 3.44 -0.01	36.99 3.30 -0.01	39.36 3.55 -0.01	43.04 3.98 -0.01	49.74 4.72 -0.01	52.95 4.46 0.00	53.16 4.52 -0.02	50.94 4.37 -0.02	54.18 4.61 -0.02	56.40 4.66 0.00	60.46 4.73 0.00	63.60 4.66 0.01	67.59 5.92 0.00	74.30 7.54 0.00	85.06 8.32 -1.14	87.04 8.20 0.00	82.83 6.42 0.01	71.78 5.07 0.01	63.76 3.72 0.01	55.37 4.15 0.00	50.31 3.73 -0.01
AST_ENERGY_2_CC3 323677	43.48 4.17 7.06	39.58 3.80 5.95	39.58 3.53 0.36	37.38 3.27 0.00	36.82 3.13 0.00	39.13 3.33 0.00	39.58 3.79 3.25	39.58 4.50 9.93	39.58 4.27 13.18	39.58 4.33 13.36	38.19 4.19 12.54	38.19 4.36 15.73	38.19 4.55 18.11	38.19 4.85 22.38	42.83 5.19 21.31	46.84 6.41 21.25	53.45 8.01 21.31	63.35 8.69 20.94	66.05 8.75 21.54	61.91 6.95 21.47	46.47 5.53 25.78	42.64 4.14 21.54	38.19 3.84 16.88	38.19 3.49 11.88
AST_ENERGY_2_CC4 323678	43.48 4.17 7.06	39.58 3.80 5.95	39.58 3.53 0.36	37.38 3.27 0.00	36.82 3.13 0.00	39.13 3.33 0.00	39.58 3.79 3.25	39.58 4.50 9.93	39.58 4.27 13.18	39.58 4.33 13.36	38.19 4.19 12.54	38.19 4.36 15.73	38.19 4.55 18.11	38.19 4.85 22.38	42.83 5.19 21.31	46.84 6.41 21.25	53.45 8.01 21.31	63.35 8.69 20.94	66.05 8.75 21.54	61.91 6.95 21.47	46.47 5.53 25.78	42.64 4.14 21.54	38.19 3.84 16.88	38.19 3.49 11.88

ATHENS_STG_1 23668	48.35 1.99 0.00	43.62 1.88 0.00	38.16 1.75 0.00	35.74 1.64 0.00	35.30 1.62 0.00	37.49 1.68 0.00	40.92 1.87 0.00	47.26 2.25 0.00	50.43 1.94 0.00	50.57 1.95 0.00	48.35 1.81 0.00	51.44 1.88 0.00	53.76 2.02 0.00	57.90 2.17 0.00	61.37 2.42 0.00	64.76 3.08 0.00	70.43 3.67 0.00	79.76 4.16 0.00	83.10 4.25 0.00	79.70 3.28 0.00	69.45 2.74 0.00	62.08 2.04 0.00	52.96 1.74 0.00	48.11 1.53 0.00
ATHENS_STG_2 23670	48.35 1.99 0.00	43.62 1.88 0.00	38.16 1.75 0.00	35.74 1.64 0.00	35.30 1.62 0.00	37.49 1.68 0.00	40.92 1.87 0.00	47.26 2.25 0.00	50.43 1.94 0.00	50.57 1.95 0.00	48.35 1.81 0.00	51.44 1.88 0.00	53.76 2.02 0.00	57.90 2.17 0.00	61.37 2.42 0.00	64.76 3.08 0.00	70.43 3.67 0.00	79.76 4.16 0.00	83.10 4.25 0.00	79.70 3.28 0.00	69.45 2.74 0.00	62.08 2.04 0.00	52.96 1.74 0.00	48.11 1.53 0.00
ATHENS_STG_3 23677	48.35 1.99 0.00	43.62 1.88 0.00	38.16 1.75 0.00	35.74 1.64 0.00	35.30 1.62 0.00	37.49 1.68 0.00	40.92 1.87 0.00	47.26 2.25 0.00	50.43 1.94 0.00	50.57 1.95 0.00	48.35 1.81 0.00	51.44 1.88 0.00	53.76 2.02 0.00	57.90 2.17 0.00	61.37 2.42 0.00	64.76 3.08 0.00	70.43 3.67 0.00	79.76 4.16 0.00	83.10 4.25 0.00	79.70 3.28 0.00	69.45 2.74 0.00	62.08 2.04 0.00	52.96 1.74 0.00	48.11 1.53 0.00
AUBURN____LFGE 323710	46.82 0.46 0.00	42.32 0.58 0.00	36.67 0.25 0.00	34.35 0.24 0.00	33.92 0.24 0.00	36.09 0.29 0.00	39.32 0.27 0.00	45.23 0.23 0.00	48.69 0.19 0.00	48.81 0.19 0.00	46.87 0.33 0.00	50.00 0.45 0.00	52.26 0.52 0.00	56.34 0.61 0.00	59.54 0.59 0.00	62.60 0.93 0.00	67.83 1.07 0.00	77.04 1.44 0.00	81.13 2.29 0.00	78.41 1.99 0.00	68.32 1.60 0.00	61.06 1.02 0.00	51.99 0.77 0.00	47.08 0.51 0.00
BABYLON_RES_REC 323704	51.69 5.33 0.00	46.63 4.88 -0.02	40.82 4.40 -0.01	38.21 4.09 -0.01	37.63 3.94 -0.01	39.96 4.15 -0.01	43.77 4.72 -0.01	50.41 5.40 0.00	52.95 4.46 0.00	52.84 4.23 0.00	49.83 3.35 0.06	53.12 3.62 0.05	55.79 4.14 0.10	67.01 4.85 -6.44	71.40 5.48 -6.97	71.60 6.53 -3.39	77.81 8.21 -2.85	93.47 9.22 -8.65	89.04 9.38 -0.81	85.93 7.64 -1.87	72.59 5.87 0.00	64.25 4.20 0.00	56.36 4.00 -1.14	49.76 3.26 0.07
BALL_HILL_WT_PWR 323825	46.13 -0.23 0.00	42.61 0.88 0.00	36.41 0.00 0.00	34.21 0.10 0.00	33.45 -0.23 0.00	35.87 0.07 0.00	38.58 -0.47 0.00	43.21 -1.80 0.00	46.84 -1.65 0.00	47.60 -1.02 0.00	46.03 -0.51 0.00	49.36 -0.20 0.00	51.95 0.21 0.00	56.01 0.28 0.00	58.71 -0.23 0.00	61.74 0.06 0.00	67.36 0.60 0.00	75.83 0.23 0.00	80.58 1.73 0.00	76.50 0.08 0.00	66.85 0.13 0.00	59.62 -0.42 0.00	51.32 0.10 0.00	46.34 -0.23 0.00
BARON_WINDS____WT_PWR 323822	46.22 -0.14 0.00	42.49 0.75 0.00	36.56 0.15 0.00	34.35 0.24 0.00	33.72 0.03 0.00	36.09 0.29 0.00	38.93 -0.12 0.00	43.98 -1.03 0.00	47.23 -1.26 0.00	47.60 -1.02 0.00	45.84 -0.70 0.00	49.11 -0.45 0.00	51.54 -0.21 0.00	55.61 -0.11 0.00	58.47 -0.47 0.00	61.43 -0.25 0.00	67.03 0.27 0.00	75.83 0.23 0.00	80.50 1.66 0.00	77.26 0.84 0.00	67.65 0.93 0.00	60.34 0.30 0.00	51.63 0.41 0.00	46.66 0.09 0.00
BARRETT_IC_1 23704	51.19 4.82 -0.01	46.10 4.34 -0.02	40.43 4.01 -0.02	37.83 3.72 -0.01	37.30 3.61 -0.01	39.64 3.83 -0.01	43.35 4.29 -0.01	49.96 4.95 0.00	52.61 4.12 0.00	52.60 3.99 0.00	50.03 3.49 0.00	53.42 3.87 0.00	56.04 4.29 0.00	60.64 4.90 -0.01	64.43 5.48 0.00	109.27 6.60 -40.99	109.07 8.07 -34.24	176.03 8.77 -91.66	97.44 8.91 -9.69	106.39 7.34 -22.63	72.68 5.87 -0.09	64.30 4.26 0.00	68.80 4.41 -13.18	50.33 3.68 -0.08
BARRETT_IC_10 23701	51.19 4.82 -0.01	46.10 4.34 -0.02	40.43 4.01 -0.02	37.83 3.72 -0.01	37.30 3.61 -0.01	39.64 3.83 -0.01	43.35 4.29 -0.01	49.96 4.95 0.00	52.61 4.12 0.00	52.60 3.99 0.00	50.03 3.49 0.00	53.42 3.87 0.00	56.04 4.29 0.00	60.64 4.90 -0.01	64.43 5.48 0.00	80.78 6.60 -12.51	85.29 8.07 -10.46	113.14 8.77 -28.76	90.71 8.91 -2.96	90.66 7.34 -6.90	72.61 5.87 -0.02	64.30 4.26 0.00	68.80 4.41 -13.18	50.33 3.68 -0.08
BARRETT_IC_11 23702	51.19 4.82 -0.01	46.10 4.34 -0.02	40.43 4.01 -0.02	37.83 3.72 -0.01	37.30 3.61 -0.01	39.64 3.83 -0.01	43.35 4.29 -0.01	49.96 4.95 0.00	52.61 4.12 0.00	52.60 3.99 0.00	50.03 3.49 0.00	53.42 3.87 0.00	56.04 4.29 0.00	60.64 4.90 -0.01	64.43 5.48 0.00	80.78 6.60 -12.51	85.29 8.07 -10.46	113.14 8.77 -28.76	90.71 8.91 -2.96	90.66 7.34 -6.90	72.61 5.87 -0.02	64.30 4.26 0.00	68.80 4.41 -13.18	50.33 3.68 -0.08
BARRETT_IC_12 23703	51.19 4.82 -0.01	46.10 4.34 -0.02	40.43 4.01 -0.02	37.83 3.72 -0.01	37.30 3.61 -0.01	39.64 3.83 -0.01	43.35 4.29 -0.01	49.96 4.95 0.00	52.61 4.12 0.00	52.60 3.99 0.00	50.03 3.49 0.00	53.42 3.87 0.00	56.04 4.29 0.00	60.64 4.90 -0.01	64.43 5.48 0.00	80.78 6.60 -12.51	85.29 8.07 -10.46	113.14 8.77 -28.76	90.71 8.91 -2.96	90.66 7.34 -6.90	72.61 5.87 -0.02	64.30 4.26 0.00	68.80 4.41 -13.18	50.33 3.68 -0.08
BARRETT_IC_2 23705	51.19 4.82 -0.01	46.10 4.34 -0.02	40.43 4.01 -0.02	37.83 3.72 -0.01	37.30 3.61 -0.01	39.64 3.83 -0.01	43.35 4.29 -0.01	49.96 4.95 0.00	52.61 4.12 0.00	52.60 3.99 0.00	50.03 3.49 0.00	53.42 3.87 0.00	56.04 4.29 0.00	60.64 4.90 -0.01	64.43 5.48 0.00	109.27 6.60 -40.99	109.07 8.07 -34.24	176.03 8.77 -91.66	97.44 8.91 -9.69	106.39 7.34 -22.63	72.68 5.87 -0.09	64.30 4.26 0.00	68.80 4.41 -13.18	50.33 3.68 -0.08
BARRETT_IC_3 23706	51.19 4.82 -0.01	46.10 4.34 -0.02	40.43 4.01 -0.02	37.83 3.72 -0.01	37.30 3.61 -0.01	39.64 3.83 -0.01	43.35 4.29 -0.01	49.96 4.95 0.00	52.61 4.12 0.00	52.60 3.99 0.00	50.03 3.49 0.00	53.42 3.87 0.00	56.04 4.29 0.00	60.64 4.90 -0.01	64.43 5.48 0.00	109.27 6.60 -40.99	109.07 8.07 -34.24	176.03 8.77 -91.66	97.44 8.91 -9.69	106.39 7.34 -22.63	72.68 5.87 -0.09	64.30 4.26 0.00	68.80 4.41 -13.18	50.33 3.68 -0.08
BARRETT_IC_4 23707	51.19 4.82 -0.01	46.10 4.34 -0.02	40.43 4.01 -0.02	37.83 3.72 -0.01	37.30 3.61 -0.01	39.64 3.83 -0.01	43.35 4.29 -0.01	49.96 4.95 0.00	52.61 4.12 0.00	52.60 3.99 0.00	50.03 3.49 0.00	53.42 3.87 0.00	56.04 4.29 0.00	60.64 4.90 -0.01	64.43 5.48 0.00	109.27 6.60 -40.99	109.07 8.07 -34.24	176.03 8.77 -91.66	97.44 8.91 -9.69	106.39 7.34 -22.63	72.68 5.87 -0.09	64.30 4.26 0.00	68.80 4.41 -13.18	50.33 3.68 -0.08
BARRETT_IC_5 23708	51.19 4.82 -0.01	46.10 4.34 -0.02	40.43 4.01 -0.02	37.83 3.72 -0.01	37.30 3.61 -0.01	39.64 3.83 -0.01	43.35 4.29 -0.01	49.96 4.95 0.00	52.61 4.12 0.00	52.60 3.99 0.00	50.03 3.49 0.00	53.42 3.87 0.00	56.04 4.29 0.00	60.64 4.90 -0.01	64.43 5.48 0.00	109.27 6.60 -40.99	109.07 8.07 -34.24	176.03 8.77 -91.66	97.44 8.91 -9.69	106.39 7.34 -22.63	72.68 5.87 -0.09	64.30 4.26 0.00	68.80 4.41 -13.18	50.33 3.68 -0.08

BARRETT_IC_6 23709	51.19 4.82 -0.01	46.10 4.34 -0.02	40.43 4.01 -0.02	37.83 3.72 -0.01	37.30 3.61 -0.01	39.64 3.83 -0.01	43.35 4.29 -0.01	49.96 4.95 0.00	52.61 4.12 0.00	52.60 3.99 0.00	50.03 3.49 0.00	53.42 3.87 0.00	56.04 4.29 0.00	60.64 4.90 -0.01	64.43 5.48 0.00	109.27 6.60 -40.99	109.07 8.07 -34.24	176.03 8.77 -91.66	97.44 8.91 -9.69	106.39 7.34 -22.63	72.68 5.87 -0.09	64.30 4.26 0.00	68.80 4.41 -13.18	50.33 3.68 -0.08
BARRETT_IC_7 23710	50.72 4.36 0.00	46.09 4.34 -0.02	40.42 4.01 0.00	37.86 3.75 0.00	37.32 3.64 0.00	39.63 3.83 0.00	43.34 4.29 0.00	49.87 4.86 0.00	51.89 3.39 0.00	52.41 3.79 0.00	49.94 3.40 0.00	53.42 3.87 0.00	56.04 4.29 0.00	60.63 4.90 0.00	64.31 5.36 0.00	109.51 6.85 -40.99	109.07 8.08 -34.24	176.04 8.77 -91.66	97.44 8.91 -9.69	106.24 7.18 -22.63	72.68 5.87 -0.09	64.30 4.26 0.00	68.85 4.46 -13.18	50.01 3.35 -0.08
BARRETT_IC_8 23711	51.19 4.82 -0.01	46.10 4.34 -0.02	40.43 4.01 -0.02	37.83 3.72 -0.01	37.30 3.61 -0.01	39.64 3.83 -0.01	43.35 4.29 -0.01	49.96 4.95 0.00	52.61 4.12 0.00	52.60 3.99 0.00	50.03 3.49 0.00	53.42 3.87 0.00	56.04 4.29 0.00	60.64 4.90 -0.01	64.43 5.48 0.00	109.27 6.60 -40.99	109.07 8.07 -34.24	176.03 8.77 -91.66	97.44 8.91 -9.69	106.39 7.34 -22.63	72.68 5.87 -0.09	64.30 4.26 0.00	68.80 4.41 -13.18	50.33 3.68 -0.08
BARRETT_IC_9 23700	51.19 4.82 -0.01	46.10 4.34 -0.02	40.43 4.01 -0.02	37.83 3.72 -0.01	37.30 3.61 -0.01	39.64 3.83 -0.01	43.35 4.29 -0.01	49.96 4.95 0.00	52.61 4.12 0.00	52.60 3.99 0.00	50.03 3.49 0.00	53.42 3.87 0.00	56.04 4.29 0.00	60.64 4.90 -0.01	64.43 5.48 0.00	80.78 6.60 -12.51	85.29 8.07 -10.46	113.14 8.77 -28.76	90.71 8.91 -2.96	90.66 7.34 -6.90	72.61 5.87 -0.02	64.30 4.26 0.00	68.80 4.41 -13.18	50.33 3.68 -0.08
BARRETT___1 23545	51.19 4.82 -0.01	46.10 4.34 -0.02	40.43 4.01 -0.02	37.83 3.72 -0.01	37.30 3.61 -0.01	39.64 3.83 -0.01	43.35 4.29 -0.01	49.96 4.95 0.00	52.61 4.12 0.00	52.60 3.99 0.00	50.03 3.49 0.00	53.42 3.87 0.00	56.04 4.29 0.00	60.64 4.90 -0.01	64.43 5.48 0.00	109.27 6.60 -40.99	109.07 8.07 -34.24	176.03 8.77 -91.66	97.44 8.91 -9.69	106.39 7.34 -22.63	72.68 5.87 -0.09	64.30 4.26 0.00	68.80 4.41 -13.18	50.33 3.68 -0.08
BARRETT___2 23546	51.19 4.82 -0.01	46.10 4.34 -0.02	40.43 4.01 -0.02	37.83 3.72 -0.01	37.30 3.61 -0.01	39.64 3.83 -0.01	43.35 4.29 -0.01	49.96 4.95 0.00	52.61 4.12 0.00	52.60 3.99 0.00	50.03 3.49 0.00	53.42 3.87 0.00	56.04 4.29 0.00	60.64 4.90 -0.01	64.43 5.48 0.00	80.78 6.60 -12.51	85.29 8.07 -10.46	113.14 8.77 -28.76	90.71 8.91 -2.96	90.66 7.34 -6.90	72.61 5.87 -0.02	64.30 4.26 0.00	68.80 4.41 -13.18	50.33 3.68 -0.08
BATAVIA___115KV_TB1 55881	47.66 1.30 0.00	43.57 1.84 0.00	37.18 0.76 0.00	34.93 0.82 0.00	34.52 0.84 0.00	36.59 0.79 0.00	39.24 0.20 0.00	44.15 -0.86 0.00	47.76 -0.73 0.00	48.33 -0.29 0.00	46.63 0.09 0.00	50.00 0.45 0.00	52.42 0.67 0.00	56.51 0.78 0.00	59.42 0.47 0.00	62.72 1.05 0.00	68.03 1.27 0.00	76.81 1.21 0.00	81.92 3.07 0.00	78.48 2.06 0.00	68.32 1.60 0.00	61.00 0.96 0.00	52.35 1.13 0.00	47.60 1.02 0.00
BAYONEEC___CTG1 323682	50.58 4.22 0.00	45.57 3.84 0.00	39.94 3.53 0.00	37.41 3.31 0.00	36.82 3.13 0.00	39.17 3.36 0.00	42.91 3.87 0.00	49.55 4.54 0.00	52.81 4.31 0.00	53.05 4.42 -0.01	50.83 4.28 -0.01	54.03 4.46 -0.01	56.40 4.66 0.00	60.63 4.90 0.00	64.14 5.19 0.00	68.15 6.47 0.00	74.76 8.01 0.00	85.51 8.77 -1.14	87.59 8.75 0.00	83.45 7.03 0.00	72.32 5.61 0.00	64.18 4.14 0.00	55.11 3.89 0.00	50.11 3.54 0.00
BAYONEEC___CTG10 323750	50.58 4.22 0.00	45.57 3.84 0.00	39.94 3.53 0.00	37.41 3.31 0.00	36.82 3.13 0.00	39.17 3.36 0.00	42.91 3.87 0.00	49.55 4.54 0.00	52.81 4.31 0.00	53.05 4.42 -0.01	50.83 4.28 -0.01	54.03 4.46 -0.01	56.40 4.66 0.00	60.63 4.90 0.00	64.14 5.19 0.00	68.15 6.47 0.00	74.76 8.01 0.00	85.51 8.77 -1.14	87.59 8.75 0.00	83.45 7.03 0.00	72.32 5.61 0.00	64.18 4.14 0.00	55.11 3.89 0.00	50.11 3.54 0.00
BAYONEEC___CTG2 323683	50.58 4.22 0.00	45.57 3.84 0.00	39.94 3.53 0.00	37.41 3.31 0.00	36.82 3.13 0.00	39.17 3.36 0.00	42.91 3.87 0.00	49.55 4.54 0.00	52.81 4.31 0.00	53.05 4.42 -0.01	50.83 4.28 -0.01	54.03 4.46 -0.01	56.40 4.66 0.00	60.63 4.90 0.00	64.14 5.19 0.00	68.15 6.47 0.00	74.76 8.01 0.00	85.51 8.77 -1.14	87.59 8.75 0.00	83.45 7.03 0.00	72.32 5.61 0.00	64.18 4.14 0.00	55.11 3.89 0.00	50.11 3.54 0.00
BAYONEEC___CTG3 323684	50.58 4.22 0.00	45.57 3.84 0.00	39.94 3.53 0.00	37.41 3.31 0.00	36.82 3.13 0.00	39.17 3.36 0.00	42.91 3.87 0.00	49.55 4.54 0.00	52.81 4.31 0.00	53.05 4.42 -0.01	50.83 4.28 -0.01	54.03 4.46 -0.01	56.40 4.66 0.00	60.63 4.90 0.00	64.14 5.19 0.00	68.15 6.47 0.00	74.76 8.01 0.00	85.51 8.77 -1.14	87.59 8.75 0.00	83.45 7.03 0.00	72.32 5.61 0.00	64.18 4.14 0.00	55.11 3.89 0.00	50.11 3.54 0.00
BAYONEEC___CTG4 323685	50.58 4.22 0.00	45.57 3.84 0.00	39.94 3.53 0.00	37.41 3.31 0.00	36.82 3.13 0.00	39.17 3.36 0.00	42.91 3.87 0.00	49.55 4.54 0.00	52.81 4.31 0.00	53.05 4.42 -0.01	50.83 4.28 -0.01	54.03 4.46 -0.01	56.40 4.66 0.00	60.63 4.90 0.00	64.14 5.19 0.00	68.15 6.47 0.00	74.76 8.01 0.00	85.51 8.77 -1.14	87.59 8.75 0.00	83.45 7.03 0.00	72.32 5.61 0.00	64.18 4.14 0.00	55.11 3.89 0.00	50.11 3.54 0.00
BAYONEEC___CTG5 323686	50.58 4.22 0.00	45.57 3.84 0.00	39.94 3.53 0.00	37.41 3.31 0.00	36.82 3.13 0.00	39.17 3.36 0.00	42.91 3.87 0.00	49.55 4.54 0.00	52.81 4.31 0.00	53.05 4.42 -0.01	50.83 4.28 -0.01	54.03 4.46 -0.01	56.40 4.66 0.00	60.63 4.90 0.00	64.14 5.19 0.00	68.15 6.47 0.00	74.76 8.01 0.00	85.51 8.77 -1.14	87.59 8.75 0.00	83.45 7.03 0.00	72.32 5.61 0.00	64.18 4.14 0.00	55.11 3.89 0.00	50.11 3.54 0.00
BAYONEEC___CTG6 323687	50.58 4.22 0.00	45.57 3.84 0.00	39.94 3.53 0.00	37.41 3.31 0.00	36.82 3.13 0.00	39.17 3.36 0.00	42.91 3.87 0.00	49.55 4.54 0.00	52.81 4.31 0.00	53.05 4.42 -0.01	50.83 4.28 -0.01	54.03 4.46 -0.01	56.40 4.66 0.00	60.63 4.90 0.00	64.14 5.19 0.00	68.15 6.47 0.00	74.76 8.01 0.00	85.51 8.77 -1.14	87.59 8.75 0.00	83.45 7.03 0.00	72.32 5.61 0.00	64.18 4.14 0.00	55.11 3.89 0.00	50.11 3.54 0.00
BAYONEEC___CTG7 323688	50.58 4.22 0.00	45.57 3.84 0.00	39.94 3.53 0.00	37.41 3.31 0.00	36.82 3.13 0.00	39.17 3.36 0.00	42.91 3.87 0.00	49.55 4.54 0.00	52.81 4.31 0.00	53.05 4.42 -0.01	50.83 4.28 -0.01	54.03 4.46 -0.01	56.40 4.66 0.00	60.63 4.90 0.00	64.14 5.19 0.00	68.15 6.47 0.00	74.76 8.01 0.00	85.51 8.77 -1.14	87.59 8.75 0.00	83.45 7.03 0.00	72.32 5.61 0.00	64.18 4.14 0.00	55.11 3.89 0.00	50.11 3.54 0.00

BAYONEEC___CTG8 323689	50.58 4.22 0.00	45.57 3.84 0.00	39.94 3.53 0.00	37.41 3.31 0.00	36.82 3.13 0.00	39.17 3.36 0.00	42.91 3.87 0.00	49.55 4.54 0.00	52.81 4.31 0.00	53.05 4.42 -0.01	50.83 4.28 -0.01	54.03 4.46 -0.01	56.40 4.66 0.00	60.63 4.90 0.00	64.14 5.19 0.00	68.15 6.47 0.00	74.76 8.01 0.00	85.51 8.77 -1.14	87.59 8.75 0.00	83.45 7.03 0.00	72.32 5.61 0.00	64.18 4.14 0.00	55.11 3.89 0.00	50.11 3.54 0.00
BAYONEEC___CTG9 323749	50.58 4.22 0.00	45.57 3.84 0.00	39.94 3.53 0.00	37.41 3.31 0.00	36.82 3.13 0.00	39.17 3.36 0.00	42.91 3.87 0.00	49.55 4.54 0.00	52.81 4.31 0.00	53.05 4.42 -0.01	50.83 4.28 -0.01	54.03 4.46 -0.01	56.40 4.66 0.00	60.63 4.90 0.00	64.14 5.19 0.00	68.15 6.47 0.00	74.76 8.01 0.00	85.51 8.77 -1.14	87.59 8.75 0.00	83.45 7.03 0.00	72.32 5.61 0.00	64.18 4.14 0.00	55.11 3.89 0.00	50.11 3.54 0.00
BEACON___LESR 323632	47.84 1.48 0.00	43.03 1.30 0.00	37.68 1.27 0.00	35.30 1.19 0.00	34.86 1.18 0.00	37.05 1.25 0.00	40.37 1.33 0.00	46.81 1.80 0.00	49.80 1.31 0.00	49.83 1.22 0.00	47.47 0.93 0.00	50.40 0.84 0.00	52.73 0.98 0.00	56.95 1.22 0.00	60.36 1.41 0.00	63.59 1.91 0.00	68.83 2.07 0.00	60.07 3.03 18.57	82.15 3.31 0.00	78.94 2.52 0.00	68.72 2.00 0.00	61.60 1.56 0.00	52.40 1.18 0.00	47.64 1.07 0.00
BEAVER RIVER___HYD 24048	47.24 0.88 0.00	42.53 0.79 0.00	37.03 0.62 0.00	34.58 0.48 0.00	34.22 0.54 0.00	36.63 0.82 0.00	39.94 0.90 0.00	46.00 0.99 0.00	49.46 0.97 0.00	49.74 1.12 0.00	47.42 0.88 0.00	50.45 0.89 0.00	52.47 0.72 0.00	56.56 0.84 0.00	59.71 0.76 0.00	62.42 0.74 0.00	66.82 0.07 0.00	76.21 0.60 0.00	80.42 1.58 0.00	78.48 2.06 0.00	68.58 1.87 0.00	61.66 1.62 0.00	52.30 1.08 0.00	47.50 0.93 0.00
BEEBEE_GT_13 23619	46.82 0.46 0.00	42.66 0.92 0.00	36.59 0.18 0.00	34.28 0.17 0.00	33.88 0.20 0.00	35.95 0.14 0.00	38.93 -0.12 0.00	44.20 -0.81 0.00	47.76 -0.73 0.00	48.28 -0.34 0.00	46.63 0.09 0.00	49.90 0.35 0.00	52.26 0.52 0.00	56.34 0.61 0.00	59.36 0.41 0.00	62.54 0.86 0.00	67.76 1.00 0.00	76.66 1.06 0.00	81.05 2.21 0.00	77.80 1.38 0.00	67.79 1.07 0.00	60.52 0.48 0.00	51.79 0.56 0.00	47.04 0.47 0.00
BENSHRST_27_KV_BENSHRST_1 355998	51.28 4.91 -0.01	46.29 4.55 -0.01	40.60 4.19 0.00	37.96 3.85 0.00	37.39 3.71 0.00	39.70 3.90 0.00	43.42 4.37 0.00	50.14 5.13 0.00	53.20 4.70 0.00	53.54 4.91 -0.02	51.40 4.84 -0.02	54.73 5.15 -0.02	56.92 5.17 0.00	61.02 5.29 0.00	64.19 5.25 0.00	68.58 6.91 0.00	75.10 8.34 0.00	86.04 9.30 -1.14	87.99 9.15 0.00	83.60 7.18 0.00	72.59 5.87 0.00	64.36 4.32 0.00	55.99 4.76 0.00	50.95 4.38 0.00
BETHLEHEM___GRP 23843	47.01 0.65 0.00	42.40 0.67 0.00	37.21 0.80 0.00	34.86 0.75 0.00	34.42 0.74 0.00	36.55 0.75 0.00	39.79 0.74 0.00	46.13 1.13 0.00	49.07 0.58 0.00	49.10 0.49 0.00	46.82 0.28 0.00	49.75 0.20 0.00	52.00 0.26 0.00	56.17 0.45 0.00	59.48 0.53 0.00	62.85 1.17 0.00	67.76 1.00 0.00	67.28 1.74 10.07	80.66 1.81 0.00	77.41 0.99 0.00	67.52 0.80 0.00	60.52 0.48 0.00	51.53 0.31 0.00	46.85 0.28 0.00
BETHLEHEM___GS1 323560	47.06 0.70 0.00	42.40 0.67 0.00	37.21 0.80 0.00	34.86 0.75 0.00	34.46 0.78 0.00	36.56 0.75 0.00	39.78 0.74 0.00	46.13 1.13 0.00	49.08 0.58 0.00	49.10 0.49 0.00	46.82 0.28 0.00	49.76 0.20 0.00	52.01 0.26 0.00	56.17 0.44 0.00	59.54 0.59 0.00	62.72 1.05 0.00	67.76 1.00 0.00	67.28 1.74 10.07	80.66 1.81 0.00	77.49 1.07 0.00	67.52 0.80 0.00	60.52 0.48 0.00	51.53 0.31 0.00	46.85 0.28 0.00
BETHLEHEM___GS2 323561	47.06 0.70 0.00	42.40 0.67 0.00	37.21 0.80 0.00	34.86 0.75 0.00	34.46 0.78 0.00	36.56 0.75 0.00	39.78 0.74 0.00	46.13 1.13 0.00	49.08 0.58 0.00	49.10 0.49 0.00	46.82 0.28 0.00	49.76 0.20 0.00	52.01 0.26 0.00	56.17 0.44 0.00	59.54 0.59 0.00	62.72 1.05 0.00	67.76 1.00 0.00	67.28 1.74 10.07	80.66 1.81 0.00	77.49 1.07 0.00	67.52 0.80 0.00	60.52 0.48 0.00	51.53 0.31 0.00	46.85 0.28 0.00
BETHLEHEM___GS3 323562	47.06 0.70 0.00	42.40 0.67 0.00	37.21 0.80 0.00	34.86 0.75 0.00	34.46 0.78 0.00	36.56 0.75 0.00	39.78 0.74 0.00	46.13 1.13 0.00	49.08 0.58 0.00	49.10 0.49 0.00	46.82 0.28 0.00	49.76 0.20 0.00	52.01 0.26 0.00	56.17 0.44 0.00	59.54 0.59 0.00	62.72 1.05 0.00	67.76 1.00 0.00	67.28 1.74 10.07	80.66 1.81 0.00	77.49 1.07 0.00	67.52 0.80 0.00	60.52 0.48 0.00	51.53 0.31 0.00	46.85 0.28 0.00
BETHLEHEM___STEEL 23779	46.31 -0.05 0.00	42.53 0.79 0.00	36.27 -0.15 0.00	34.11 0.00 0.00	33.62 -0.07 0.00	35.69 -0.11 0.00	38.34 -0.70 0.00	43.03 -1.98 0.00	46.60 -1.89 0.00	47.40 -1.22 0.00	45.80 -0.74 0.00	49.06 -0.50 0.00	51.59 -0.16 0.00	55.61 -0.11 0.00	58.42 -0.53 0.00	61.74 0.06 0.00	66.89 0.13 0.00	75.23 -0.38 0.00	80.03 1.18 0.00	76.57 0.15 0.00	66.38 -0.33 0.00	59.26 -0.78 0.00	51.12 -0.10 0.00	46.52 -0.05 0.00
BETHLHEM_115KV_TB1 79974	47.15 0.79 0.00	42.53 0.79 0.00	37.28 0.87 0.00	34.96 0.85 0.00	34.49 0.81 0.00	36.66 0.86 0.00	39.90 0.86 0.00	46.22 1.22 0.00	49.22 0.73 0.00	49.25 0.63 0.00	46.96 0.42 0.00	49.95 0.40 0.00	52.21 0.47 0.00	56.34 0.61 0.00	59.66 0.71 0.00	63.03 1.36 0.00	68.03 1.27 0.00	68.10 1.97 9.47	80.89 2.05 0.00	77.57 1.15 0.00	67.72 1.00 0.00	60.70 0.66 0.00	51.68 0.46 0.00	46.99 0.42 0.00
BETHPAGE_CC_5 323564	51.46 5.10 0.00	46.43 4.67 -0.02	40.64 4.22 -0.01	38.04 3.92 -0.01	37.46 3.77 -0.01	39.82 4.01 -0.01	43.58 4.53 -0.01	50.23 5.22 0.00	52.86 4.37 0.00	52.80 4.18 0.00	50.22 3.72 0.04	53.53 4.01 0.04	56.22 4.55 0.08	64.27 5.12 -3.42	68.42 5.78 -3.69	72.76 6.91 -4.18	78.81 8.55 -3.51	95.45 9.45 -10.40	89.46 9.62 -1.00	86.60 7.87 -2.31	72.79 6.07 0.00	64.49 4.44 0.00	57.02 4.30 -1.49	50.16 3.63 0.04
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	46.31 -0.05 0.00	42.49 0.75 0.00	36.27 -0.15 0.00	34.11 0.00 0.00	33.62 -0.07 0.00	35.69 -0.11 0.00	38.34 -0.70 0.00	43.12 -1.89 0.00	46.70 -1.79 0.00	47.50 -1.12 0.00	45.89 -0.65 0.00	49.21 -0.35 0.00	51.69 -0.05 0.00	55.78 0.06 0.00	58.59 -0.35 0.00	61.92 0.25 0.00	67.09 0.33 0.00	75.45 -0.15 0.00	80.26 1.42 0.00	76.73 0.31 0.00	66.52 -0.20 0.00	59.32 -0.72 0.00	51.17 -0.05 0.00	46.52 -0.05 0.00
BINGHAMTON___COGEN 23790	46.96 0.60 0.00	42.57 0.83 0.00	36.92 0.51 0.00	34.58 0.48 0.00	34.15 0.47 0.00	36.34 0.54 0.00	39.51 0.47 0.00	45.37 0.36 0.00	48.78 0.29 0.00	49.01 0.39 0.00	47.05 0.51 0.00	50.20 0.64 0.00	52.52 0.78 0.00	56.67 0.95 0.00	59.89 0.94 0.00	63.03 1.36 0.00	68.36 1.60 0.00	77.42 1.81 0.00	81.44 2.60 0.00	78.33 1.91 0.00	68.32 1.60 0.00	61.06 1.02 0.00	52.09 0.87 0.00	47.22 0.65 0.00

BIXINCNT_115KV_LOAD 355685	45.94 -0.42 0.00	42.15 0.42 0.00	36.12 -0.29 0.00	33.97 -0.14 0.00	33.51 -0.17 0.00	35.62 -0.18 0.00	38.38 -0.66 0.00	43.48 -1.53 0.00	47.09 -1.41 0.00	47.84 -0.78 0.00	46.26 -0.28 0.00	49.56 0.00 0.00	52.06 0.31 0.00	56.17 0.45 0.00	59.01 0.06 0.00	62.29 0.62 0.00	67.49 0.73 0.00	75.68 0.08 0.00	80.42 1.58 0.00	76.95 0.53 0.00	66.72 0.00 0.00	59.26 -0.78 0.00	51.02 -0.20 0.00	46.29 -0.28 0.00
BLACK RIVER___HYD 24047	48.03 1.67 0.00	43.32 1.59 0.00	37.65 1.24 0.00	35.17 1.06 0.00	34.73 1.05 0.00	37.34 1.54 0.00	40.65 1.60 0.00	46.76 1.75 0.00	50.19 1.70 0.00	50.13 1.51 0.00	47.75 1.21 0.00	50.84 1.29 0.00	52.83 1.09 0.00	56.95 1.22 0.00	60.13 1.18 0.00	62.84 1.17 0.00	67.69 0.93 0.00	77.50 1.89 0.00	82.15 3.31 0.00	80.24 3.82 0.00	70.12 3.40 0.00	62.80 2.76 0.00	53.17 1.95 0.00	48.20 1.63 0.00
BLACKRVR_115KV_TB2 79977	48.08 1.72 0.00	43.32 1.59 0.00	37.65 1.24 0.00	35.16 1.06 0.00	34.79 1.11 0.00	37.34 1.54 0.00	40.64 1.60 0.00	46.76 1.76 0.00	50.19 1.70 0.00	50.13 1.51 0.00	47.75 1.21 0.00	50.84 1.29 0.00	52.83 1.09 0.00	56.95 1.23 0.00	60.13 1.18 0.00	62.91 1.23 0.00	67.69 0.93 0.00	77.50 1.89 0.00	82.15 3.31 0.00	80.32 3.90 0.00	70.12 3.40 0.00	62.80 2.76 0.00	53.17 1.95 0.00	48.20 1.63 0.00
BLDWN_LI_69_KV_BK4 356085	51.23 4.87 0.00	46.55 4.80 -0.02	40.74 4.33 0.00	38.17 4.06 0.00	37.59 3.91 0.00	39.96 4.15 0.00	43.69 4.65 0.00	50.28 5.27 0.00	52.32 3.83 0.00	52.85 4.23 0.00	50.45 3.91 0.00	54.06 4.51 0.00	56.76 5.02 0.00	61.30 5.57 0.00	65.02 6.07 0.00	82.66 7.65 -13.34	86.99 9.08 -11.15	116.28 10.06 -30.62	92.25 10.25 -3.16	92.11 8.33 -7.36	73.48 6.74 -0.02	65.20 5.16 0.00	60.74 4.97 -4.55	50.41 3.82 -0.02
BLISS_WT_PWR 323608	45.53 -0.83 0.00	42.03 0.29 0.00	35.98 -0.44 0.00	33.83 -0.27 0.00	33.14 -0.54 0.00	35.59 -0.21 0.00	38.34 -0.70 0.00	43.34 -1.66 0.00	46.99 -1.50 0.00	47.74 -0.87 0.00	46.17 -0.37 0.00	49.56 0.00 0.00	52.06 0.31 0.00	56.17 0.44 0.00	58.89 -0.06 0.00	61.80 0.12 0.00	67.42 0.67 0.00	75.61 0.00 0.00	80.34 1.49 0.00	76.27 -0.15 0.00	66.65 -0.07 0.00	59.14 -0.90 0.00	50.81 -0.41 0.00	45.82 -0.75 0.00
BLUESTONE___WT_PWR 323821	49.24 2.88 0.00	44.58 2.84 0.00	38.78 2.37 0.00	36.26 2.15 0.00	35.74 2.05 0.00	38.27 2.47 0.00	41.70 2.66 0.00	47.98 2.97 0.00	51.35 2.86 0.00	51.29 2.67 0.00	49.05 2.51 0.00	52.23 2.67 0.00	54.59 2.84 0.00	58.90 3.17 0.00	62.31 3.36 0.00	65.62 3.95 0.00	71.70 4.94 0.00	81.66 6.05 0.00	86.02 7.17 0.00	82.69 6.27 0.00	71.99 5.27 0.00	64.18 4.14 0.00	54.50 3.28 0.00	49.22 2.65 0.00
BLUE_CIRC_CHEM_DRP 24182	47.57 1.21 0.00	42.91 1.17 0.00	37.54 1.13 0.00	35.16 1.06 0.00	34.69 1.01 0.00	36.88 1.07 0.00	40.14 1.09 0.00	46.36 1.35 0.00	47.32 0.00 1.18	47.27 -0.15 1.20	45.59 -0.37 0.58	47.65 -0.50 1.41	49.25 -0.47 2.03	52.11 -0.45 3.17	54.51 -0.35 4.08	56.83 0.12 4.96	60.32 -0.07 6.37	66.89 0.53 9.24	77.69 0.71 1.86	75.59 0.15 0.98	66.85 0.13 0.00	60.04 0.00 0.00	51.17 -0.05 0.00	46.52 -0.05 0.00
BOC_GAS_DRP 24189	47.47 1.11 0.00	42.82 1.09 0.00	37.50 1.09 0.00	35.13 1.02 0.00	34.66 0.98 0.00	36.84 1.04 0.00	40.18 1.13 0.00	46.45 1.44 0.00	49.58 1.02 -0.07	49.67 0.97 -0.08	47.42 0.84 -0.04	50.49 0.84 -0.09	52.80 0.93 -0.13	56.98 1.06 -0.20	60.38 1.18 -0.26	63.77 1.79 -0.31	68.96 1.80 -0.40	71.89 2.42 6.14	81.40 2.44 -0.12	78.09 1.60 -0.06	68.12 1.40 0.00	61.06 1.02 0.00	52.04 0.82 0.00	47.32 0.75 0.00
BOONVILLE_115KV_TB1 79983	47.52 1.16 0.00	42.82 1.09 0.00	37.28 0.87 0.00	34.86 0.75 0.00	34.46 0.77 0.00	36.84 1.04 0.00	40.14 1.09 0.00	46.31 1.31 0.00	49.75 1.26 0.00	49.93 1.31 0.00	47.70 1.16 0.00	50.80 1.24 0.00	52.94 1.19 0.00	57.12 1.39 0.00	60.36 1.41 0.00	63.28 1.60 0.00	68.16 1.40 0.00	77.72 2.12 0.00	81.68 2.84 0.00	79.25 2.83 0.00	69.12 2.40 0.00	62.02 1.98 0.00	52.60 1.38 0.00	47.69 1.12 0.00
BORALEX_4TH_BRANCH 23824	48.96 2.60 0.00	44.16 2.42 0.00	38.67 2.26 0.00	36.22 2.11 0.00	35.74 2.05 0.00	37.99 2.18 0.00	41.46 2.42 0.00	48.20 3.20 0.00	51.30 2.81 0.00	51.29 2.67 0.00	48.82 2.28 0.00	51.89 2.33 0.00	54.23 2.48 0.00	58.73 3.01 0.00	62.25 3.30 0.00	65.81 4.13 0.00	71.36 4.61 0.00	87.63 5.59 -6.43	84.68 5.83 0.00	81.01 4.59 0.00	70.72 4.00 0.00	63.40 3.36 0.00	53.89 2.66 0.00	48.85 2.28 0.00
BOWLINE___1 23526	49.70 3.34 0.00	44.87 3.13 0.00	39.40 2.99 0.00	36.87 2.76 0.00	36.34 2.66 0.00	38.63 2.83 0.00	42.20 3.16 0.00	48.70 3.69 0.00	51.88 3.39 0.00	52.07 3.45 0.00	49.89 3.35 0.00	53.02 3.47 0.00	55.52 3.78 0.00	59.79 4.07 0.00	63.37 4.42 0.00	67.10 5.43 0.00	73.57 6.81 0.00	84.16 7.49 -1.07	86.41 7.57 0.00	82.38 5.96 0.00	71.46 4.74 0.00	63.52 3.48 0.00	54.29 3.07 0.00	49.32 2.75 0.00
BOWLINE___2 23595	49.60 3.24 0.00	44.83 3.09 0.00	39.36 2.95 0.00	36.87 2.76 0.00	36.31 2.63 0.00	38.63 2.83 0.00	42.17 3.12 0.00	48.65 3.64 0.00	51.79 3.30 0.00	51.97 3.35 0.00	49.80 3.26 0.00	52.97 3.42 0.00	55.47 3.73 0.00	59.68 3.96 0.00	63.25 4.30 0.00	67.04 5.36 0.00	73.50 6.74 0.00	84.01 7.33 -1.07	86.25 7.41 0.00	82.30 5.88 0.00	71.32 4.60 0.00	63.46 3.42 0.00	54.24 3.02 0.00	49.27 2.70 0.00
BRADY___115KV_TB2 356060	46.64 0.28 0.00	41.82 0.08 0.00	36.52 0.11 0.00	34.24 0.14 0.00	33.88 0.20 0.00	35.98 0.18 0.00	39.28 0.23 0.00	45.14 0.14 0.00	49.03 0.53 0.00	49.01 0.39 0.00	46.91 0.37 0.00	49.80 0.25 0.00	51.80 0.05 0.00	55.50 -0.22 0.00	58.77 -0.18 0.00	60.75 -0.93 0.00	65.62 -1.13 0.00	74.24 -1.36 0.00	77.42 -1.42 0.00	76.34 -0.08 0.00	66.92 0.20 0.00	60.52 0.48 0.00	51.73 0.51 0.00	47.32 0.75 0.00
BRANSCOMB___SOLAR 323811	49.05 2.69 0.00	44.20 2.46 0.00	38.56 2.15 0.00	36.02 1.91 0.00	35.60 1.92 0.00	37.88 2.08 0.00	41.35 2.30 0.00	47.75 2.75 0.00	50.82 2.33 0.00	50.76 2.14 0.00	48.07 1.53 0.00	50.99 1.44 0.00	53.40 1.66 0.00	57.67 1.95 0.00	61.13 2.18 0.00	64.38 2.71 0.00	69.90 3.14 0.00	85.10 4.16 -5.34	83.89 5.05 0.00	80.93 4.51 0.00	70.72 4.00 0.00	63.46 3.42 0.00	53.88 2.66 0.00	48.90 2.33 0.00
BRDGHMPT_69_KV_BK1 55812	51.65 5.29 0.00	47.14 5.38 -0.02	41.25 4.84 0.00	38.64 4.54 0.00	38.06 4.38 0.00	40.31 4.51 0.00	44.28 5.23 0.00	50.91 5.90 0.00	52.71 4.22 0.00	53.58 4.96 0.00	51.17 4.75 0.12	55.04 5.60 0.12	57.80 6.31 0.26	68.71 7.24 -5.74	72.89 7.72 -6.22	72.60 9.44 -1.49	78.97 10.95 -1.26	92.46 12.40 -4.46	91.51 12.30 -0.37	87.25 10.01 -0.82	74.39 7.67 0.00	65.75 5.70 0.00	56.80 5.07 -0.50	50.53 4.10 0.14

BRENTWOD_69_KV_W. BRTWOOD 56703	51.32 4.96 0.00	46.97 5.22 -0.02	41.11 4.70 0.00	38.44 4.33 0.00	37.89 4.21 0.00	40.21 4.40 0.00	44.08 5.04 0.00	50.55 5.54 0.00	52.13 3.64 0.00	52.80 4.18 0.00	50.02 3.63 0.16	53.73 4.21 0.04	56.52 4.76 -0.02	109.61 5.57 -48.31	117.39 6.07 -52.37	70.90 7.46 -1.76	77.29 9.01 -1.52	90.82 10.13 -5.09	89.55 10.25 -0.46	85.68 8.25 -1.00	73.19 6.47 0.00	65.00 4.92 -0.03	56.33 4.51 -0.60	49.75 3.35 0.17
BRISTLHL_115KV_TB1 79998	45.85 -0.51 0.00	41.36 -0.38 0.00	35.97 -0.44 0.00	33.66 -0.44 0.00	33.24 -0.44 0.00	35.37 -0.43 0.00	38.58 -0.47 0.00	44.38 -0.63 0.00	47.76 -0.73 0.00	47.89 -0.73 0.00	45.89 -0.65 0.00	49.01 -0.55 0.00	51.07 -0.67 0.00	55.06 -0.67 0.00	58.24 -0.71 0.00	61.12 -0.56 0.00	66.16 -0.60 0.00	75.08 -0.53 0.00	78.76 -0.08 0.00	76.11 -0.31 0.00	66.38 -0.33 0.00	59.44 -0.60 0.00	50.66 -0.56 0.00	46.01 -0.56 0.00
BROOKHAVEN___DRP 24191	50.76 4.40 0.00	46.43 4.67 -0.02	40.60 4.19 0.00	38.00 3.89 0.00	37.42 3.74 0.00	39.70 3.90 0.00	43.57 4.53 0.00	50.00 5.00 0.00	51.50 3.01 0.00	52.17 3.55 0.00	49.63 3.21 0.12	53.16 3.72 0.12	55.74 4.24 0.25	66.36 5.02 -5.62	70.46 5.42 -6.09	70.19 7.03 -1.48	76.56 8.54 -1.26	89.72 9.68 -4.44	88.98 9.78 -0.36	84.96 7.72 -0.82	72.65 5.94 0.00	64.25 4.20 0.00	55.62 3.89 -0.50	49.32 2.89 0.14
BROOKLYN_NAVY_YARD 23515	50.58 4.22 0.00	45.57 3.84 0.00	39.98 3.57 0.00	37.45 3.34 0.00	36.85 3.17 0.00	39.17 3.36 0.00	42.91 3.87 0.00	49.60 4.59 0.00	52.90 4.41 0.00	53.10 4.47 -0.01	50.79 4.23 -0.01	54.03 4.46 -0.01	56.40 4.66 0.00	60.68 4.96 0.00	64.19 5.24 0.00	68.28 6.60 0.00	74.90 8.14 0.00	85.66 8.92 -1.14	87.83 8.98 0.00	83.60 7.18 0.00	72.46 5.74 0.00	64.30 4.26 0.00	55.22 4.00 0.00	50.16 3.59 0.00
BROOKLYN___ARMY_DRP 323595	51.00 4.64 -0.01	46.04 4.30 -0.01	40.38 3.97 0.00	37.79 3.68 0.00	37.22 3.54 0.00	39.53 3.72 0.00	43.22 4.18 0.00	49.87 4.86 0.00	52.90 4.41 0.00	53.25 4.62 -0.02	51.12 4.56 -0.02	54.43 4.86 -0.02	56.56 4.81 0.00	60.63 4.90 0.00	63.78 4.83 0.00	68.15 6.48 0.00	74.64 7.88 0.00	85.44 8.69 -1.14	87.36 8.52 0.00	82.99 6.57 0.00	72.12 5.40 0.00	63.94 3.90 0.00	55.63 4.41 0.00	50.67 4.10 0.00
BROOME_2_LFGE 323671	46.87 0.51 0.00	42.53 0.79 0.00	36.92 0.51 0.00	34.58 0.48 0.00	34.09 0.41 0.00	36.34 0.54 0.00	39.51 0.47 0.00	45.37 0.36 0.00	48.78 0.29 0.00	49.01 0.39 0.00	47.01 0.47 0.00	50.20 0.64 0.00	52.52 0.78 0.00	56.67 0.95 0.00	59.83 0.89 0.00	62.84 1.17 0.00	68.36 1.60 0.00	77.42 1.81 0.00	81.37 2.52 0.00	78.25 1.83 0.00	68.32 1.60 0.00	61.06 1.02 0.00	52.09 0.87 0.00	47.13 0.56 0.00
BROOME___LFGE 323600	46.87 0.51 0.00	42.53 0.79 0.00	36.92 0.51 0.00	34.58 0.48 0.00	34.09 0.41 0.00	36.34 0.54 0.00	39.51 0.47 0.00	45.37 0.36 0.00	48.78 0.29 0.00	49.01 0.39 0.00	47.01 0.47 0.00	50.20 0.64 0.00	52.52 0.78 0.00	56.67 0.95 0.00	59.83 0.89 0.00	62.84 1.17 0.00	68.36 1.60 0.00	77.42 1.81 0.00	81.37 2.52 0.00	78.25 1.83 0.00	68.32 1.60 0.00	61.06 1.02 0.00	52.09 0.87 0.00	47.13 0.56 0.00
BROWNFLS_115KV_TB_3_5 80003	46.82 0.46 0.00	42.07 0.33 0.00	36.67 0.25 0.00	34.31 0.20 0.00	33.99 0.30 0.00	36.23 0.43 0.00	39.55 0.51 0.00	45.55 0.54 0.00	49.22 0.73 0.00	49.40 0.78 0.00	47.19 0.65 0.00	50.20 0.64 0.00	52.06 0.31 0.00	56.00 0.28 0.00	59.18 0.24 0.00	61.55 -0.12 0.00	66.09 -0.67 0.00	74.92 -0.68 0.00	78.69 -0.16 0.00	77.11 0.69 0.00	67.38 0.67 0.00	60.82 0.78 0.00	51.84 0.61 0.00	47.32 0.75 0.00
BROWNSV1_27_KV_LOAD 356125	51.04 4.68 0.00	46.08 4.34 0.00	40.38 3.97 0.00	37.79 3.68 0.00	37.22 3.54 0.00	39.56 3.76 0.00	43.34 4.29 0.00	50.05 5.04 0.00	53.24 4.75 0.00	53.54 4.91 -0.01	51.30 4.75 -0.01	54.62 5.05 -0.01	57.02 5.28 0.00	61.35 5.63 0.00	64.90 5.95 0.00	69.32 7.65 0.00	75.84 9.08 0.00	86.65 9.90 -1.14	88.86 10.01 0.00	84.52 8.10 0.00	73.32 6.61 0.00	65.02 4.98 0.00	55.83 4.61 0.00	50.67 4.10 0.00
BURROWS___LYONSDAL 23803	47.38 1.02 0.00	42.70 0.96 0.00	37.18 0.76 0.00	34.75 0.65 0.00	34.36 0.67 0.00	36.73 0.93 0.00	40.02 0.98 0.00	46.18 1.17 0.00	49.61 1.12 0.00	49.88 1.26 0.00	47.61 1.07 0.00	50.70 1.14 0.00	52.78 1.03 0.00	56.95 1.23 0.00	60.24 1.30 0.00	63.09 1.42 0.00	67.76 1.00 0.00	77.27 1.66 0.00	81.29 2.44 0.00	78.94 2.52 0.00	68.85 2.13 0.00	61.84 1.80 0.00	52.45 1.23 0.00	47.55 0.98 0.00
CAITHNESS_CC_1 323624	51.37 5.01 0.00	46.39 4.63 -0.02	40.57 4.15 -0.01	37.97 3.85 -0.01	37.40 3.71 -0.01	39.68 3.87 -0.01	43.54 4.49 -0.01	50.09 5.08 0.00	52.56 4.07 0.00	52.41 3.79 0.00	49.68 3.26 0.12	53.06 3.62 0.11	55.64 4.14 0.25	66.07 4.85 -5.50	70.56 5.66 -5.96	69.75 6.60 -1.48	76.28 8.28 -1.25	89.41 9.37 -4.43	88.66 9.46 -0.36	84.88 7.64 -0.82	72.45 5.74 0.00	64.13 4.08 0.00	55.51 3.79 -0.50	49.61 3.17 0.13
CALPINE BETH_PAGE_GT4 24209	51.00 4.64 0.00	46.47 4.72 -0.02	40.67 4.26 0.00	38.06 3.96 0.00	37.52 3.84 0.00	39.85 4.05 0.00	43.61 4.57 0.00	50.19 5.18 0.00	51.93 3.44 0.00	52.56 3.94 0.00	50.12 3.58 0.00	53.67 4.11 -0.01	56.42 4.66 -0.02	63.41 5.24 -2.45	67.32 5.72 -2.65	74.29 7.28 -5.34	79.91 8.68 -4.47	98.16 9.60 -12.95	89.89 9.78 -1.27	87.24 7.87 -2.95	72.93 6.20 0.00	64.61 4.56 0.00	57.55 4.41 -1.92	50.07 3.49 -0.01
CALPINE_BETH_PAGE_GT_4 323586	51.51 5.15 0.00	46.47 4.71 -0.02	40.68 4.26 -0.01	38.07 3.95 -0.01	37.50 3.80 -0.01	39.85 4.04 -0.01	43.62 4.57 -0.01	50.27 5.26 0.00	52.90 4.41 0.00	52.90 4.28 0.00	50.45 3.91 0.00	53.67 4.11 -0.01	56.42 4.66 -0.02	63.42 5.24 -2.45	67.44 5.84 -2.65	73.98 6.97 -5.34	79.85 8.62 -4.47	98.16 9.60 -12.95	89.89 9.77 -1.27	87.31 7.95 -2.95	72.93 6.21 0.00	64.60 4.56 0.00	57.50 4.35 -1.92	50.35 3.77 -0.01
CALPINE_BP_GT1 23823	51.51 5.15 0.00	46.47 4.71 -0.02	40.68 4.26 -0.01	38.07 3.95 -0.01	37.50 3.80 -0.01	39.85 4.04 -0.01	43.62 4.57 -0.01	50.27 5.26 0.00	52.90 4.41 0.00	52.90 4.28 0.00	50.45 3.91 0.00	53.67 4.11 -0.01	56.42 4.66 -0.02	63.42 5.24 -2.45	67.44 5.84 -2.65	73.98 6.97 -5.34	79.85 8.62 -4.47	98.16 9.60 -12.95	89.89 9.77 -1.27	87.31 7.95 -2.95	72.93 6.21 0.00	64.60 4.56 0.00	57.50 4.35 -1.92	50.35 3.77 -0.01
CALSPAN___DRP 24200	46.31 -0.05 0.00	42.53 0.79 0.00	36.27 -0.15 0.00	34.11 0.00 0.00	33.62 -0.07 0.00	35.69 -0.11 0.00	38.34 -0.70 0.00	43.03 -1.98 0.00	46.60 -1.89 0.00	47.40 -1.22 0.00	45.80 -0.74 0.00	49.06 -0.50 0.00	51.59 -0.16 0.00	55.61 -0.11 0.00	58.42 -0.53 0.00	61.74 0.06 0.00	66.89 0.13 0.00	75.23 -0.38 0.00	80.03 1.18 0.00	76.57 0.15 0.00	66.38 -0.33 0.00	59.26 -0.78 0.00	51.12 -0.10 0.00	46.52 -0.05 0.00

CALVERTON___SOLAR 323806	51.51 5.15 0.00	46.51 4.76 -0.02	40.68 4.26 -0.01	38.07 3.95 -0.01	37.46 3.77 -0.01	39.75 3.94 -0.01	43.62 4.57 -0.01	50.23 5.22 0.00	52.76 4.27 0.00	52.55 3.94 0.00	49.91 3.49 0.12	53.31 3.87 0.12	55.94 4.45 0.25	66.62 5.24 -5.66	71.15 6.07 -6.13	70.12 6.97 -1.48	76.76 8.74 -1.26	90.03 9.98 -4.45	89.30 10.09 -0.36	85.50 8.26 -0.82	72.92 6.21 0.00	64.49 4.44 0.00	55.72 4.00 -0.50	49.83 3.40 0.14
CANDIGU_WT_PWR 323617	46.22 -0.14 0.00	42.49 0.75 0.00	36.56 0.15 0.00	34.35 0.24 0.00	33.72 0.03 0.00	36.09 0.29 0.00	38.93 -0.12 0.00	43.98 -1.03 0.00	47.23 -1.26 0.00	47.60 -1.02 0.00	45.84 -0.70 0.00	49.11 -0.45 0.00	51.54 -0.21 0.00	55.61 -0.11 0.00	58.47 -0.47 0.00	61.43 -0.25 0.00	67.03 0.27 0.00	75.83 0.23 0.00	80.50 1.66 0.00	77.26 0.84 0.00	67.65 0.93 0.00	60.34 0.30 0.00	51.63 0.41 0.00	46.66 0.09 0.00
CARR STREET_E_SYR 24060	46.18 -0.18 0.00	41.74 0.00 0.00	36.27 -0.15 0.00	33.94 -0.17 0.00	33.48 -0.20 0.00	35.66 -0.14 0.00	38.89 -0.16 0.00	44.74 -0.27 0.00	48.15 -0.34 0.00	48.33 -0.29 0.00	46.31 -0.23 0.00	49.46 -0.10 0.00	51.69 -0.05 0.00	55.73 0.00 0.00	58.89 -0.06 0.00	61.74 0.06 0.00	66.96 0.20 0.00	75.99 0.38 0.00	79.71 0.87 0.00	76.88 0.46 0.00	67.05 0.34 0.00	60.04 0.00 0.00	51.17 -0.05 0.00	46.34 -0.23 0.00
CARTHAGE___PAPER 23857	47.52 1.16 0.00	42.82 1.08 0.00	37.25 0.84 0.00	34.79 0.68 0.00	34.42 0.74 0.00	36.91 1.11 0.00	40.21 1.17 0.00	46.32 1.31 0.00	49.75 1.26 0.00	49.83 1.22 0.00	47.52 0.98 0.00	50.55 0.99 0.00	52.52 0.78 0.00	56.61 0.89 0.00	59.77 0.82 0.00	62.47 0.80 0.00	67.03 0.27 0.00	76.59 0.98 0.00	80.97 2.13 0.00	79.17 2.75 0.00	69.19 2.47 0.00	62.14 2.10 0.00	52.65 1.43 0.00	47.78 1.21 0.00
CASSADAGA_WT_PWR 323784	46.73 0.37 0.00	43.36 1.63 0.00	37.07 0.66 0.00	34.82 0.72 0.00	34.05 0.37 0.00	36.59 0.79 0.00	39.39 0.35 0.00	44.65 -0.36 0.00	48.39 -0.10 0.00	49.15 0.54 0.00	47.56 1.02 0.00	51.04 1.49 0.00	53.61 1.86 0.00	57.84 2.12 0.00	60.54 1.59 0.00	63.59 1.91 0.00	69.43 2.67 0.00	77.57 1.96 0.00	82.47 3.63 0.00	78.18 1.76 0.00	68.25 1.54 0.00	60.82 0.78 0.00	52.35 1.13 0.00	47.13 0.56 0.00
CE_DUNWOOD___DRP 24194	50.02 3.66 0.00	45.24 3.51 0.00	39.65 3.24 0.00	37.11 3.00 0.00	36.58 2.90 0.00	38.88 3.08 0.00	42.52 3.47 0.00	49.10 4.10 0.00	52.18 3.69 0.00	52.46 3.84 0.00	50.26 3.72 0.00	53.47 3.91 0.00	55.94 4.19 0.00	60.24 4.51 0.00	63.78 4.83 0.00	67.84 6.17 0.00	74.23 7.48 0.00	84.91 8.17 -1.14	87.12 8.28 0.00	82.92 6.50 0.00	71.99 5.27 0.00	63.94 3.90 0.00	54.76 3.53 0.00	49.69 3.12 0.00
CE_MILLWOOD___DRP 24193	49.88 3.52 0.00	45.12 3.38 0.00	39.54 3.13 0.00	37.01 2.90 0.00	36.51 2.83 0.00	38.77 2.97 0.00	42.40 3.36 0.00	48.92 3.92 0.00	52.03 3.54 0.00	52.27 3.65 0.00	50.08 3.54 0.00	53.32 3.77 0.00	55.78 4.04 0.00	60.02 4.29 0.00	63.60 4.66 0.00	67.66 5.98 0.00	73.97 7.21 0.00	84.67 7.94 -1.13	86.88 8.04 0.00	82.69 6.27 0.00	71.79 5.07 0.00	63.82 3.78 0.00	54.60 3.38 0.00	49.55 2.98 0.00
CE_NYC2_DRP 24202	50.68 4.31 -0.01	45.79 4.05 -0.01	40.16 3.75 0.00	37.59 3.48 0.00	37.05 3.37 0.00	39.35 3.54 0.00	43.07 4.02 0.00	49.73 4.73 0.00	52.86 4.36 0.00	53.20 4.57 -0.02	50.98 4.42 -0.02	54.28 4.71 -0.02	56.51 4.76 0.00	60.57 4.85 0.00	63.72 4.77 0.00	68.03 6.35 0.00	74.43 7.68 0.00	85.21 8.47 -1.14	87.20 8.36 0.00	82.84 6.42 0.00	71.92 5.20 0.00	63.88 3.84 0.00	55.47 4.25 0.00	50.34 3.77 0.00
CE_NYC_DRP 24195	50.58 4.22 0.00	45.66 3.92 0.00	40.05 3.64 0.00	37.48 3.38 0.00	36.95 3.27 0.00	39.24 3.44 0.00	42.99 3.94 0.00	49.64 4.64 0.00	52.81 4.32 0.00	53.10 4.47 -0.01	50.88 4.33 -0.01	54.18 4.61 -0.01	56.56 4.81 0.00	60.80 5.07 0.00	64.37 5.42 0.00	68.64 6.97 0.00	75.10 8.34 0.00	85.82 9.07 -1.14	87.99 9.15 0.00	83.60 7.18 0.00	72.59 5.87 0.00	64.42 4.38 0.00	55.32 4.10 0.00	50.20 3.63 0.00
CHAFFEE___LFGE 323603	46.13 -0.23 0.00	42.53 0.79 0.00	36.30 -0.11 0.00	34.14 0.03 0.00	33.38 -0.30 0.00	35.77 -0.04 0.00	38.46 -0.58 0.00	43.07 -1.93 0.00	46.70 -1.79 0.00	47.45 -1.17 0.00	45.89 -0.65 0.00	49.26 -0.30 0.00	51.80 0.05 0.00	55.89 0.17 0.00	58.60 -0.35 0.00	61.61 -0.06 0.00	67.29 0.53 0.00	75.61 0.00 0.00	80.42 1.58 0.00	76.27 -0.15 0.00	66.65 -0.07 0.00	59.44 -0.60 0.00	51.22 0.00 0.00	46.25 -0.32 0.00
CHATEAUG_35_KV_LOAD 355732	45.25 -1.11 0.00	40.53 -1.21 0.00	35.50 -0.91 0.00	33.36 -0.75 0.00	33.01 -0.67 0.00	35.01 -0.79 0.00	38.26 -0.78 0.00	44.11 -0.90 0.00	47.81 -0.68 0.00	47.84 -0.78 0.00	46.03 -0.51 0.00	48.76 -0.79 0.00	50.81 -0.93 0.00	54.28 -1.45 0.00	57.30 -1.65 0.00	59.21 -2.47 0.00	64.15 -2.60 0.00	72.66 -2.95 0.00	75.69 -3.15 0.00	74.36 -2.06 0.00	65.05 -1.67 0.00	58.72 -1.32 0.00	50.20 -1.02 0.00	46.01 -0.56 0.00
CHATEAUG_WT_PWR 323614	45.25 -1.11 0.00	40.53 -1.21 0.00	35.50 -0.91 0.00	33.36 -0.75 0.00	33.01 -0.67 0.00	35.01 -0.79 0.00	38.26 -0.78 0.00	44.15 -0.86 0.00	47.77 -0.73 0.00	47.89 -0.73 0.00	46.08 -0.47 0.00	48.76 -0.79 0.00	50.82 -0.93 0.00	54.22 -1.50 0.00	57.24 -1.71 0.00	59.39 -2.28 0.00	64.09 -2.67 0.00	72.58 -3.03 0.00	75.61 -3.24 0.00	74.13 -2.29 0.00	64.85 -1.87 0.00	58.48 -1.56 0.00	50.20 -1.02 0.00	46.25 -0.32 0.00
CHAT_HIGH_FALL_HYD 323578	45.25 -1.11 0.00	40.53 -1.21 0.00	35.50 -0.91 0.00	33.36 -0.75 0.00	33.01 -0.67 0.00	35.01 -0.79 0.00	38.26 -0.78 0.00	44.11 -0.90 0.00	47.81 -0.68 0.00	47.84 -0.78 0.00	46.03 -0.51 0.00	48.76 -0.79 0.00	50.81 -0.93 0.00	54.28 -1.45 0.00	57.30 -1.65 0.00	59.21 -2.47 0.00	64.15 -2.60 0.00	72.66 -2.95 0.00	75.69 -3.15 0.00	74.36 -2.06 0.00	65.05 -1.67 0.00	58.72 -1.32 0.00	50.20 -1.02 0.00	46.01 -0.56 0.00
CHAUTAUQUA___LFGE 323629	46.59 0.23 0.00	43.07 1.34 0.00	36.81 0.40 0.00	34.58 0.48 0.00	33.82 0.14 0.00	36.30 0.50 0.00	39.04 0.00 0.00	43.80 -1.21 0.00	47.47 -1.02 0.00	48.23 -0.39 0.00	46.63 0.09 0.00	50.05 0.50 0.00	52.68 0.93 0.00	56.78 1.06 0.00	59.54 0.59 0.00	62.54 0.86 0.00	68.36 1.60 0.00	76.89 1.28 0.00	81.76 2.92 0.00	77.49 1.07 0.00	67.72 1.00 0.00	60.34 0.30 0.00	51.94 0.72 0.00	46.81 0.23 0.00
CHERRYST_13_KV_LD 356241	50.76 4.40 0.00	45.83 4.09 0.00	40.20 3.79 0.00	37.62 3.51 0.00	37.08 3.40 0.00	39.38 3.58 0.00	43.14 4.10 0.00	49.87 4.86 0.00	53.05 4.56 0.00	53.35 4.72 -0.01	51.16 4.61 -0.01	54.43 4.86 -0.01	56.82 5.07 0.00	61.13 5.41 0.00	64.67 5.72 0.00	69.01 7.34 0.00	75.50 8.75 0.00	86.27 9.53 -1.14	88.38 9.54 0.00	83.99 7.57 0.00	72.86 6.14 0.00	64.66 4.62 0.00	55.52 4.30 0.00	50.39 3.82 0.00

CHESTROR_138KV_BK263 355645	49.37 3.01 0.00	44.62 2.88 0.00	39.14 2.73 0.00	36.63 2.52 0.00	36.11 2.43 0.00	38.42 2.61 0.00	41.93 2.89 0.00	48.34 3.33 0.00	51.45 2.96 0.00	51.68 3.06 0.00	49.52 2.98 0.00	52.68 3.12 0.00	55.16 3.42 0.00	59.40 3.68 0.00	62.96 4.01 0.00	66.85 5.18 0.00	73.03 6.28 0.00	83.45 6.88 -0.97	85.94 7.10 0.00	81.85 5.43 0.00	71.12 4.40 0.00	63.28 3.24 0.00	54.09 2.87 0.00	49.09 2.51 0.00
CH_MIDHUDSON___DRP 24192	49.65 3.29 0.00	44.87 3.13 0.00	39.29 2.88 0.00	36.80 2.69 0.00	36.28 2.59 0.00	38.56 2.76 0.00	42.13 3.08 0.00	48.65 3.65 0.00	51.79 3.30 0.00	52.02 3.40 0.00	49.80 3.26 0.00	52.98 3.42 0.00	55.47 3.73 0.00	59.74 4.01 0.00	63.37 4.42 0.00	67.22 5.55 0.00	73.50 6.74 0.00	83.94 7.41 -0.92	86.49 7.65 0.00	82.38 5.96 0.00	71.59 4.87 0.00	63.70 3.66 0.00	54.40 3.18 0.00	49.37 2.79 0.00
CH_MISC_IPPS 23765	50.07 3.71 0.00	45.20 3.46 0.00	39.54 3.13 0.00	37.00 2.90 0.00	36.48 2.79 0.00	38.84 3.04 0.00	42.40 3.36 0.00	48.92 3.91 0.00	52.18 3.68 0.00	52.36 3.74 0.00	50.12 3.58 0.00	53.32 3.76 0.00	55.89 4.14 0.00	60.19 4.46 0.00	63.84 4.89 0.00	67.59 5.92 0.00	74.10 7.34 0.00	84.65 8.17 -0.88	87.36 8.52 0.00	83.30 6.88 0.00	72.19 5.47 0.00	64.18 4.14 0.00	54.81 3.58 0.00	49.69 3.12 0.00
CH_RES_BVR_FALLS 23983	45.85 -0.51 0.00	41.24 -0.50 0.00	36.05 -0.36 0.00	33.80 -0.31 0.00	33.38 -0.30 0.00	35.48 -0.32 0.00	38.69 -0.35 0.00	44.65 -0.36 0.00	48.25 -0.24 0.00	48.38 -0.24 0.00	46.31 -0.23 0.00	49.26 -0.30 0.00	51.44 -0.31 0.00	55.28 -0.45 0.00	58.42 -0.53 0.00	61.00 -0.68 0.00	65.96 -0.80 0.00	74.62 -0.98 0.00	77.74 -1.10 0.00	75.58 -0.84 0.00	65.99 -0.73 0.00	59.44 -0.60 0.00	50.71 -0.51 0.00	46.15 -0.42 0.00
CH_RES_NIAGARA 23895	44.92 -1.44 0.00	41.36 -0.38 0.00	35.17 -1.24 0.00	33.05 -1.06 0.00	32.57 -1.11 0.00	34.58 -1.22 0.00	37.13 -1.91 0.00	41.41 -3.60 0.00	44.90 -3.59 0.00	45.70 -2.92 0.00	44.17 -2.37 0.00	47.28 -2.28 0.00	49.62 -2.12 0.00	53.44 -2.28 0.00	56.06 -2.89 0.00	59.27 -2.41 0.00	64.15 -2.60 0.00	72.20 -3.40 0.00	76.79 -2.05 0.00	73.44 -2.98 0.00	63.78 -2.94 0.00	57.10 -2.94 0.00	49.38 -1.84 0.00	45.13 -1.44 0.00
CH_RES_SYRACUSE 23985	46.45 0.09 0.00	41.99 0.25 0.00	36.45 0.04 0.00	34.14 0.03 0.00	33.65 -0.03 0.00	35.84 0.04 0.00	39.08 0.04 0.00	45.01 0.00 0.00	48.44 -0.05 0.00	48.52 -0.10 0.00	46.54 0.00 0.00	49.71 0.15 0.00	51.85 0.10 0.00	55.95 0.22 0.00	59.13 0.18 0.00	61.92 0.25 0.00	67.23 0.47 0.00	76.28 0.68 0.00	80.10 1.26 0.00	77.26 0.84 0.00	67.45 0.74 0.00	60.34 0.30 0.00	51.43 0.21 0.00	46.62 0.05 0.00
CLINTON_WT_PWR 323605	45.25 -1.11 0.00	40.53 -1.21 0.00	35.50 -0.91 0.00	33.36 -0.75 0.00	33.01 -0.67 0.00	35.01 -0.79 0.00	38.26 -0.78 0.00	44.15 -0.86 0.00	47.77 -0.73 0.00	47.89 -0.73 0.00	46.08 -0.47 0.00	48.76 -0.79 0.00	50.82 -0.93 0.00	54.22 -1.50 0.00	57.24 -1.71 0.00	59.39 -2.28 0.00	64.09 -2.67 0.00	72.58 -3.03 0.00	75.61 -3.24 0.00	74.13 -2.29 0.00	64.85 -1.87 0.00	58.48 -1.56 0.00	50.20 -1.02 0.00	46.25 -0.32 0.00
CLINTON___LFGE 323618	45.62 -0.74 0.00	40.90 -0.83 0.00	35.79 -0.62 0.00	33.66 -0.44 0.00	33.31 -0.37 0.00	35.30 -0.50 0.00	38.65 -0.39 0.00	44.56 -0.45 0.00	48.10 -0.39 0.00	48.18 -0.44 0.00	46.49 -0.05 0.00	49.06 -0.50 0.00	51.18 -0.57 0.00	54.28 -1.45 0.00	57.24 -1.71 0.00	59.33 -2.34 0.00	64.09 -2.67 0.00	72.66 -2.95 0.00	75.77 -3.08 0.00	74.36 -2.06 0.00	65.19 -1.53 0.00	58.72 -1.32 0.00	50.55 -0.67 0.00	46.85 0.28 0.00
COBBLENY_34_KV_TB1 80064	46.41 0.05 0.00	42.57 0.83 0.00	36.34 -0.07 0.00	34.18 0.07 0.00	33.68 0.00 0.00	35.77 -0.04 0.00	38.46 -0.59 0.00	43.21 -1.80 0.00	46.79 -1.70 0.00	47.55 -1.07 0.00	45.98 -0.56 0.00	49.26 -0.30 0.00	51.80 0.05 0.00	55.89 0.17 0.00	58.71 -0.24 0.00	62.04 0.37 0.00	67.29 0.53 0.00	75.61 0.00 0.00	80.42 1.58 0.00	76.88 0.46 0.00	66.65 -0.07 0.00	59.44 -0.60 0.00	51.27 0.05 0.00	46.62 0.05 0.00
COFFEEN___115KV_TB3 355620	48.35 1.99 0.00	43.62 1.88 0.00	37.90 1.49 0.00	35.33 1.23 0.00	35.00 1.31 0.00	37.56 1.75 0.00	40.92 1.87 0.00	47.03 2.03 0.00	50.48 1.99 0.00	50.32 1.70 0.00	47.94 1.40 0.00	51.04 1.49 0.00	53.04 1.29 0.00	57.17 1.45 0.00	60.30 1.36 0.00	63.15 1.48 0.00	68.03 1.27 0.00	77.95 2.34 0.00	82.79 3.94 0.00	81.08 4.66 0.00	70.72 4.00 0.00	63.34 3.30 0.00	53.58 2.36 0.00	48.53 1.96 0.00
COLDSPRG_115KV_BK1 355956	46.96 0.60 0.00	43.16 1.42 0.00	36.96 0.55 0.00	34.72 0.61 0.00	34.26 0.57 0.00	36.48 0.68 0.00	39.32 0.27 0.00	44.92 -0.09 0.00	48.64 0.15 0.00	49.40 0.78 0.00	47.80 1.26 0.00	51.14 1.59 0.00	53.61 1.86 0.00	57.84 2.12 0.00	60.66 1.71 0.00	64.08 2.41 0.00	69.49 2.74 0.00	77.34 1.74 0.00	82.31 3.47 0.00	78.64 2.22 0.00	68.19 1.47 0.00	60.70 0.66 0.00	52.25 1.02 0.00	47.46 0.88 0.00
COLONIE_LFGE___ 323577	48.49 2.13 0.00	43.70 1.96 0.00	38.19 1.78 0.00	35.78 1.67 0.00	35.33 1.65 0.00	37.56 1.75 0.00	40.96 1.91 0.00	47.44 2.43 0.00	50.53 2.04 0.00	50.61 1.99 0.00	48.17 1.63 0.00	51.14 1.59 0.00	53.51 1.76 0.00	57.84 2.12 0.00	61.31 2.36 0.00	64.57 2.90 0.00	70.03 3.27 0.00	87.24 4.16 -7.48	83.41 4.57 0.00	80.16 3.74 0.00	69.92 3.20 0.00	62.68 2.64 0.00	53.27 2.05 0.00	48.34 1.77 0.00
COOPERNY_115KV_TB1 80082	49.05 2.69 0.00	44.37 2.63 0.00	38.85 2.44 0.00	36.39 2.29 0.00	35.87 2.19 0.00	38.16 2.36 0.00	41.62 2.58 0.00	48.02 3.02 0.00	51.16 2.67 0.00	51.34 2.72 0.00	49.19 2.65 0.00	52.38 2.82 0.00	54.80 3.05 0.00	59.01 3.29 0.00	62.48 3.54 0.00	66.30 4.63 0.00	72.30 5.54 0.00	82.45 6.20 -0.64	85.23 6.39 0.00	81.31 4.89 0.00	70.72 4.00 0.00	62.98 2.94 0.00	53.83 2.61 0.00	48.85 2.28 0.00
COPENHAGEN_WT_PWR 323753	47.84 1.48 0.00	43.16 1.42 0.00	37.50 1.09 0.00	34.99 0.89 0.00	34.59 0.91 0.00	37.13 1.33 0.00	40.45 1.40 0.00	46.54 1.53 0.00	49.94 1.45 0.00	49.88 1.26 0.00	47.56 1.02 0.00	50.65 1.09 0.00	52.68 0.93 0.00	56.78 1.06 0.00	59.95 1.00 0.00	62.66 0.98 0.00	67.49 0.74 0.00	77.20 1.59 0.00	81.76 2.92 0.00	79.86 3.44 0.00	69.72 3.01 0.00	62.50 2.46 0.00	52.91 1.69 0.00	47.97 1.40 0.00
CORNELL_____ 23752	47.47 1.11 0.00	42.95 1.21 0.00	37.25 0.84 0.00	34.86 0.75 0.00	34.42 0.74 0.00	36.66 0.86 0.00	39.98 0.94 0.00	45.91 0.90 0.00	49.32 0.82 0.00	49.35 0.73 0.00	47.29 0.74 0.00	50.40 0.84 0.00	52.68 0.93 0.00	56.78 1.06 0.00	60.07 1.12 0.00	63.22 1.54 0.00	68.63 1.87 0.00	78.10 2.49 0.00	82.39 3.55 0.00	79.63 3.21 0.00	69.39 2.67 0.00	62.02 1.98 0.00	52.76 1.54 0.00	47.78 1.21 0.00

CORONA_69_KV_TB1 355595	51.09 4.73 0.00	46.39 4.63 -0.02	40.63 4.22 0.00	38.03 3.92 0.00	37.49 3.81 0.00	39.85 4.05 0.00	43.53 4.49 0.00	50.19 5.18 0.00	52.32 3.83 0.00	52.90 4.28 0.00	50.54 4.00 0.00	54.06 4.51 0.00	56.76 5.02 0.00	61.35 5.63 0.00	65.08 6.13 0.00	95.33 7.71 -25.95	97.58 9.15 -21.68	144.11 10.06 -58.44	95.31 10.33 -6.14	99.23 8.48 -14.32	73.64 6.87 -0.05	65.14 5.10 0.00	64.56 5.02 -8.32	50.49 3.87 -0.05
CORTLAND_115KV_TB3 80093	47.15 0.79 0.00	42.61 0.88 0.00	37.03 0.62 0.00	34.65 0.55 0.00	34.22 0.54 0.00	36.41 0.61 0.00	39.71 0.66 0.00	45.68 0.68 0.00	49.07 0.58 0.00	49.15 0.53 0.00	47.10 0.56 0.00	50.25 0.69 0.00	52.52 0.78 0.00	56.62 0.89 0.00	59.89 0.94 0.00	62.97 1.30 0.00	68.29 1.54 0.00	77.57 1.97 0.00	81.60 2.76 0.00	78.79 2.37 0.00	68.65 1.93 0.00	61.42 1.38 0.00	52.30 1.08 0.00	47.36 0.79 0.00
COXSACKIE___GT 23611	48.96 2.59 0.00	44.07 2.34 0.00	38.49 2.07 0.00	35.98 1.87 0.00	35.53 1.85 0.00	37.84 2.04 0.00	41.19 2.15 0.00	47.35 2.34 0.00	49.08 2.08 1.50	48.84 1.75 1.52	46.97 1.16 0.74	48.91 1.14 1.79	50.66 1.50 2.58	53.53 1.84 4.03	55.94 2.18 5.19	58.14 2.78 6.31	61.79 3.14 8.11	70.46 4.77 9.91	82.47 5.99 2.37	80.44 5.27 1.25	70.38 3.67 0.00	62.92 2.88 0.00	53.53 2.31 0.00	48.62 2.05 0.00
CPV_VALLEY___CC1 323721	49.05 2.69 0.00	44.28 2.55 0.00	38.85 2.44 0.00	36.36 2.25 0.00	35.84 2.16 0.00	38.13 2.33 0.00	41.62 2.58 0.00	48.02 3.02 0.00	51.21 2.71 0.00	51.34 2.72 0.00	49.19 2.65 0.00	52.33 2.77 0.00	54.75 3.00 0.00	58.96 3.23 0.00	62.48 3.54 0.00	66.12 4.44 0.00	72.37 5.61 0.00	82.61 6.12 -0.88	85.15 6.31 0.00	81.32 4.90 0.00	70.59 3.87 0.00	62.80 2.76 0.00	53.68 2.46 0.00	48.76 2.19 0.00
CPV_VALLEY___CC2 323722	49.05 2.69 0.00	44.28 2.55 0.00	38.85 2.44 0.00	36.36 2.25 0.00	35.84 2.16 0.00	38.13 2.33 0.00	41.62 2.58 0.00	48.02 3.02 0.00	51.21 2.71 0.00	51.34 2.72 0.00	49.19 2.65 0.00	52.33 2.77 0.00	54.75 3.00 0.00	58.96 3.23 0.00	62.48 3.54 0.00	66.12 4.44 0.00	72.37 5.61 0.00	82.61 6.12 -0.88	85.15 6.31 0.00	81.32 4.90 0.00	70.59 3.87 0.00	62.80 2.76 0.00	53.68 2.46 0.00	48.76 2.19 0.00
CRESCENT___HYD 24018	48.49 2.13 0.00	43.70 1.96 0.00	38.19 1.78 0.00	35.78 1.67 0.00	35.33 1.65 0.00	37.56 1.75 0.00	40.96 1.91 0.00	47.44 2.43 0.00	50.53 2.04 0.00	50.61 1.99 0.00	48.17 1.63 0.00	51.14 1.59 0.00	53.51 1.76 0.00	57.84 2.12 0.00	61.31 2.36 0.00	64.57 2.90 0.00	70.03 3.27 0.00	87.24 4.16 -7.48	83.41 4.57 0.00	80.16 3.74 0.00	69.92 3.20 0.00	62.68 2.64 0.00	53.27 2.05 0.00	48.34 1.77 0.00
CRICKET___VALLEY_CC1 323756	49.00 2.64 0.00	44.20 2.46 0.00	38.74 2.33 0.00	36.26 2.15 0.00	35.77 2.09 0.00	37.99 2.18 0.00	41.50 2.46 0.00	48.11 3.10 0.00	51.16 2.67 0.00	51.29 2.67 0.00	49.05 2.51 0.00	52.13 2.58 0.00	54.49 2.74 0.00	58.79 3.06 0.00	62.31 3.36 0.00	65.87 4.20 0.00	72.43 5.67 0.00	83.03 5.90 -1.53	84.76 5.92 0.00	81.00 4.58 0.00	70.38 3.67 0.00	62.75 2.70 0.00	53.53 2.31 0.00	48.62 2.05 0.00
CRICKET___VALLEY_CC2 323757	49.00 2.64 0.00	44.20 2.46 0.00	38.74 2.33 0.00	36.26 2.15 0.00	35.77 2.09 0.00	37.99 2.18 0.00	41.50 2.46 0.00	48.11 3.10 0.00	51.16 2.67 0.00	51.29 2.67 0.00	49.05 2.51 0.00	52.13 2.58 0.00	54.49 2.74 0.00	58.79 3.06 0.00	62.31 3.36 0.00	65.87 4.20 0.00	72.43 5.67 0.00	83.03 5.90 -1.53	84.76 5.92 0.00	81.00 4.58 0.00	70.38 3.67 0.00	62.75 2.70 0.00	53.53 2.31 0.00	48.62 2.05 0.00
CRICKET___VALLEY_CC3 323758	49.00 2.64 0.00	44.20 2.46 0.00	38.74 2.33 0.00	36.26 2.15 0.00	35.77 2.09 0.00	37.99 2.18 0.00	41.50 2.46 0.00	48.11 3.10 0.00	51.16 2.67 0.00	51.29 2.67 0.00	49.05 2.51 0.00	52.13 2.58 0.00	54.49 2.74 0.00	58.79 3.06 0.00	62.31 3.36 0.00	65.87 4.20 0.00	72.43 5.67 0.00	83.03 5.90 -1.53	84.76 5.92 0.00	81.00 4.58 0.00	70.38 3.67 0.00	62.75 2.70 0.00	53.53 2.31 0.00	48.62 2.05 0.00
CRUCIBLE_METL_DRP 24180	46.50 0.14 0.00	41.99 0.25 0.00	36.45 0.04 0.00	34.14 0.03 0.00	33.72 0.03 0.00	35.84 0.04 0.00	39.08 0.04 0.00	45.01 0.00 0.00	48.44 -0.05 0.00	48.57 -0.05 0.00	46.54 0.00 0.00	49.70 0.15 0.00	51.85 0.10 0.00	55.95 0.22 0.00	59.12 0.18 0.00	62.04 0.37 0.00	67.22 0.47 0.00	76.29 0.68 0.00	80.10 1.26 0.00	77.34 0.92 0.00	67.45 0.73 0.00	60.34 0.30 0.00	51.48 0.26 0.00	46.66 0.09 0.00
DAHOWA___HYDRO 323763	49.19 2.83 0.00	44.33 2.59 0.00	38.63 2.22 0.00	36.12 2.01 0.00	35.67 1.99 0.00	37.99 2.18 0.00	41.47 2.42 0.00	47.89 2.88 0.00	50.96 2.47 0.00	50.90 2.29 0.00	48.12 1.58 0.00	51.04 1.49 0.00	53.45 1.71 0.00	57.73 2.00 0.00	61.19 2.24 0.00	64.45 2.78 0.00	70.03 3.27 0.00	85.04 4.38 -5.05	84.21 5.36 0.00	81.24 4.82 0.00	70.99 4.27 0.00	63.70 3.66 0.00	54.04 2.82 0.00	49.04 2.47 0.00
DANC___LFGE 323619	47.06 0.70 0.00	42.49 0.75 0.00	36.92 0.51 0.00	34.52 0.41 0.00	34.09 0.41 0.00	36.48 0.68 0.00	39.75 0.70 0.00	45.73 0.72 0.00	49.12 0.63 0.00	49.15 0.54 0.00	46.91 0.37 0.00	50.00 0.45 0.00	52.01 0.26 0.00	56.06 0.34 0.00	59.24 0.30 0.00	61.92 0.25 0.00	66.82 0.07 0.00	76.28 0.68 0.00	80.50 1.66 0.00	78.25 1.83 0.00	68.39 1.67 0.00	61.24 1.20 0.00	52.04 0.82 0.00	47.22 0.65 0.00
DANSKAMMER___1 23586	50.07 3.71 0.00	45.20 3.46 0.00	39.54 3.13 0.00	37.00 2.90 0.00	36.48 2.79 0.00	38.84 3.04 0.00	42.40 3.36 0.00	48.92 3.91 0.00	52.18 3.68 0.00	52.36 3.74 0.00	50.12 3.58 0.00	53.32 3.76 0.00	55.89 4.14 0.00	60.19 4.46 0.00	63.84 4.89 0.00	67.59 5.92 0.00	74.10 7.34 0.00	84.65 8.17 -0.88	87.36 8.52 0.00	83.30 6.88 0.00	72.19 5.47 0.00	64.18 4.14 0.00	54.81 3.58 0.00	49.69 3.12 0.00
DANSKAMMER___2 23589	50.07 3.71 0.00	45.20 3.46 0.00	39.54 3.13 0.00	37.00 2.90 0.00	36.48 2.79 0.00	38.84 3.04 0.00	42.40 3.36 0.00	48.92 3.91 0.00	52.18 3.68 0.00	52.36 3.74 0.00	50.12 3.58 0.00	53.32 3.76 0.00	55.89 4.14 0.00	60.19 4.46 0.00	63.84 4.89 0.00	67.59 5.92 0.00	74.10 7.34 0.00	84.65 8.17 -0.88	87.36 8.52 0.00	83.30 6.88 0.00	72.19 5.47 0.00	64.18 4.14 0.00	54.81 3.58 0.00	49.69 3.12 0.00
DANSKAMMER___3 23590	50.07 3.71 0.00	45.20 3.46 0.00	39.54 3.13 0.00	37.00 2.90 0.00	36.48 2.79 0.00	38.84 3.04 0.00	42.40 3.36 0.00	48.92 3.91 0.00	52.18 3.68 0.00	52.36 3.74 0.00	50.12 3.58 0.00	53.32 3.76 0.00	55.89 4.14 0.00	60.19 4.46 0.00	63.84 4.89 0.00	67.59 5.92 0.00	74.10 7.34 0.00	84.65 8.17 -0.88	87.36 8.52 0.00	83.30 6.88 0.00	72.19 5.47 0.00	64.18 4.14 0.00	54.81 3.58 0.00	49.69 3.12 0.00

DANSKAMMER___4 23591	50.07 3.71 0.00	45.20 3.46 0.00	39.54 3.13 0.00	37.00 2.90 0.00	36.48 2.79 0.00	38.84 3.04 0.00	42.40 3.36 0.00	48.92 3.91 0.00	52.18 3.68 0.00	52.36 3.74 0.00	50.12 3.58 0.00	53.32 3.76 0.00	55.89 4.14 0.00	60.19 4.46 0.00	63.84 4.89 0.00	67.59 5.92 0.00	74.10 7.34 0.00	84.65 8.17 -0.88	87.36 8.52 0.00	83.30 6.88 0.00	72.19 5.47 0.00	64.18 4.14 0.00	54.81 3.58 0.00	49.69 3.12 0.00
DANSKAMMER___DIESEL 23592	50.02 3.66 0.00	45.20 3.46 0.00	39.54 3.13 0.00	37.01 2.90 0.00	36.48 2.80 0.00	38.85 3.04 0.00	42.40 3.36 0.00	48.92 3.92 0.00	52.08 3.59 0.00	52.31 3.69 0.00	50.08 3.54 0.00	53.32 3.77 0.00	55.88 4.14 0.00	60.18 4.46 0.00	63.84 4.89 0.00	67.78 6.11 0.00	74.10 7.34 0.00	84.65 8.17 -0.88	87.36 8.52 0.00	83.14 6.72 0.00	72.19 5.47 0.00	64.18 4.14 0.00	54.81 3.59 0.00	49.69 3.12 0.00
DARBY___SOLAR 323810	49.00 2.64 0.00	44.20 2.46 0.00	38.56 2.15 0.00	36.02 1.91 0.00	35.57 1.89 0.00	37.88 2.08 0.00	41.35 2.30 0.00	47.75 2.75 0.00	50.87 2.38 0.00	50.81 2.19 0.00	48.03 1.49 0.00	50.99 1.44 0.00	53.35 1.61 0.00	57.62 1.90 0.00	61.07 2.12 0.00	64.38 2.71 0.00	69.90 3.14 0.00	85.16 4.23 -5.32	83.96 5.12 0.00	81.00 4.58 0.00	70.72 4.00 0.00	63.46 3.42 0.00	53.88 2.66 0.00	48.90 2.33 0.00
DASHVILLE___HYD 23610	49.51 3.15 0.00	44.70 2.96 0.00	39.14 2.73 0.00	36.63 2.52 0.00	36.11 2.43 0.00	38.38 2.58 0.00	41.89 2.85 0.00	48.20 3.20 0.00	51.52 3.39 0.36	51.70 3.45 0.37	49.71 3.35 0.18	52.69 3.57 0.43	55.00 3.88 0.63	58.93 4.18 0.98	62.29 4.60 1.26	65.94 5.80 1.53	71.74 6.94 1.96	81.68 7.71 1.64	86.31 8.04 0.57	82.46 6.34 0.30	71.12 4.40 0.00	63.34 3.30 0.00	54.19 2.97 0.00	49.23 2.65 0.00
DELAWARE___LFGE 323621	48.22 1.85 0.00	43.57 1.84 0.00	38.01 1.60 0.00	35.57 1.47 0.00	35.13 1.45 0.00	37.41 1.61 0.00	40.80 1.76 0.00	47.03 2.03 0.00	50.33 1.84 0.00	50.42 1.80 0.00	48.26 1.72 0.00	51.39 1.83 0.00	53.71 1.97 0.00	57.90 2.17 0.00	61.25 2.30 0.00	64.63 2.96 0.00	70.10 3.34 0.00	79.46 3.86 0.00	83.18 4.34 0.00	79.94 3.52 0.00	69.79 3.07 0.00	62.44 2.40 0.00	53.17 1.95 0.00	48.25 1.68 0.00
DERFIELD_115KV_TB7 355931	46.69 0.32 0.00	42.07 0.33 0.00	36.74 0.33 0.00	34.38 0.27 0.00	33.95 0.27 0.00	36.12 0.32 0.00	39.40 0.35 0.00	45.41 0.41 0.00	48.78 0.29 0.00	48.91 0.29 0.00	46.77 0.23 0.00	49.80 0.25 0.00	52.06 0.31 0.00	56.06 0.33 0.00	59.36 0.41 0.00	62.29 0.62 0.00	67.42 0.67 0.00	76.44 0.83 0.00	79.79 0.95 0.00	77.03 0.61 0.00	67.25 0.53 0.00	60.40 0.36 0.00	51.53 0.31 0.00	46.80 0.23 0.00
DOGLEVILLE___HYD 23807	46.45 0.09 0.00	41.82 0.08 0.00	36.45 0.04 0.00	34.11 0.00 0.00	33.72 0.03 0.00	35.95 0.14 0.00	39.20 0.16 0.00	45.19 0.18 0.00	48.49 0.00 0.00	48.57 -0.05 0.00	46.35 -0.19 0.00	49.36 -0.20 0.00	51.49 -0.26 0.00	55.50 -0.22 0.00	58.71 -0.24 0.00	61.55 -0.12 0.00	66.62 -0.13 0.00	75.68 0.08 0.00	79.24 0.39 0.00	76.65 0.23 0.00	66.92 0.20 0.00	60.34 0.30 0.00	51.43 0.20 0.00	46.71 0.14 0.00
DUNKIRK___115KV_TB_200 55889	46.78 0.42 0.00	43.03 1.29 0.00	36.78 0.36 0.00	34.55 0.44 0.00	34.05 0.37 0.00	36.23 0.43 0.00	38.97 -0.08 0.00	43.79 -1.22 0.00	47.42 -1.07 0.00	48.18 -0.44 0.00	46.59 0.05 0.00	49.90 0.35 0.00	52.52 0.78 0.00	56.62 0.89 0.00	59.48 0.53 0.00	62.85 1.17 0.00	68.16 1.40 0.00	76.74 1.13 0.00	81.60 2.76 0.00	77.95 1.53 0.00	67.65 0.93 0.00	60.28 0.24 0.00	51.94 0.72 0.00	47.13 0.56 0.00
DUNKIRK___1 23563	46.78 0.42 0.00	43.03 1.29 0.00	36.78 0.36 0.00	34.55 0.44 0.00	34.05 0.37 0.00	36.23 0.43 0.00	38.97 -0.08 0.00	43.79 -1.22 0.00	47.42 -1.07 0.00	48.18 -0.44 0.00	46.59 0.05 0.00	49.90 0.35 0.00	52.52 0.78 0.00	56.62 0.89 0.00	59.48 0.53 0.00	62.85 1.17 0.00	68.16 1.40 0.00	76.74 1.13 0.00	81.60 2.76 0.00	77.95 1.53 0.00	67.65 0.93 0.00	60.28 0.24 0.00	51.94 0.72 0.00	47.13 0.56 0.00
DUNKIRK___2 23564	46.78 0.42 0.00	43.03 1.29 0.00	36.78 0.36 0.00	34.55 0.44 0.00	34.05 0.37 0.00	36.23 0.43 0.00	38.97 -0.08 0.00	43.79 -1.22 0.00	47.42 -1.07 0.00	48.18 -0.44 0.00	46.59 0.05 0.00	49.90 0.35 0.00	52.52 0.78 0.00	56.62 0.89 0.00	59.48 0.53 0.00	62.85 1.17 0.00	68.16 1.40 0.00	76.74 1.13 0.00	81.60 2.76 0.00	77.95 1.53 0.00	67.65 0.93 0.00	60.28 0.24 0.00	51.94 0.72 0.00	47.13 0.56 0.00
DUNKIRK___3 23565	46.50 0.14 0.00	42.74 1.00 0.00	36.52 0.11 0.00	34.31 0.20 0.00	33.85 0.17 0.00	35.95 0.14 0.00	38.65 -0.39 0.00	43.48 -1.53 0.00	47.09 -1.41 0.00	47.84 -0.78 0.00	46.26 -0.28 0.00	49.56 0.00 0.00	52.11 0.36 0.00	56.23 0.50 0.00	59.01 0.06 0.00	62.35 0.68 0.00	67.63 0.87 0.00	76.13 0.53 0.00	80.89 2.05 0.00	77.34 0.92 0.00	67.12 0.40 0.00	59.86 -0.18 0.00	51.58 0.36 0.00	46.80 0.23 0.00
DUNKIRK___4 23566	46.50 0.14 0.00	42.74 1.00 0.00	36.52 0.11 0.00	34.31 0.20 0.00	33.85 0.17 0.00	35.95 0.14 0.00	38.65 -0.39 0.00	43.48 -1.53 0.00	47.09 -1.41 0.00	47.84 -0.78 0.00	46.26 -0.28 0.00	49.56 0.00 0.00	52.11 0.36 0.00	56.23 0.50 0.00	59.01 0.06 0.00	62.35 0.68 0.00	67.63 0.87 0.00	76.13 0.53 0.00	80.89 2.05 0.00	77.34 0.92 0.00	67.12 0.40 0.00	59.86 -0.18 0.00	51.58 0.36 0.00	46.80 0.23 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	50.16 3.80 0.00	45.37 3.63 0.00	39.76 3.35 0.00	37.24 3.14 0.00	36.71 3.03 0.00	38.99 3.19 0.00	42.67 3.63 0.00	49.24 4.23 0.00	52.37 3.88 0.00	52.65 4.04 0.00	50.45 3.91 0.00	53.67 4.11 0.00	56.09 4.35 0.00	60.41 4.68 0.00	63.96 5.01 0.00	68.09 6.41 0.00	74.50 7.74 0.00	85.21 8.47 -1.14	87.44 8.59 0.00	83.14 6.72 0.00	72.19 5.47 0.00	64.12 4.08 0.00	54.91 3.69 0.00	49.83 3.26 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	49.65 3.29 0.00	44.91 3.17 0.00	39.32 2.91 0.00	36.80 2.69 0.00	36.31 2.63 0.00	38.59 2.79 0.00	42.17 3.12 0.00	48.61 3.60 0.00	51.74 3.25 0.00	51.97 3.35 0.00	49.80 3.26 0.00	53.03 3.47 0.00	55.52 3.78 0.00	59.79 4.07 0.00	63.37 4.42 0.00	67.29 5.61 0.00	73.57 6.81 0.00	83.96 7.56 -0.80	86.65 7.81 0.00	82.53 6.11 0.00	71.65 4.94 0.00	63.70 3.66 0.00	54.45 3.23 0.00	49.41 2.84 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	50.73 4.36 -0.01	45.84 4.09 -0.01	40.02 3.60 0.00	37.45 3.34 0.00	36.88 3.20 0.00	39.24 3.44 0.00	42.91 3.87 0.00	49.55 4.55 0.00	52.66 4.17 0.00	52.96 4.33 -0.02	50.73 4.19 0.00	54.03 4.46 -0.02	56.30 4.55 0.00	60.35 4.63 0.00	63.43 4.48 0.00	67.84 6.17 0.00	74.30 7.54 0.00	85.21 8.47 -1.14	87.20 8.36 0.00	82.92 6.50 0.00	72.06 5.34 0.00	63.88 3.84 0.00	55.52 4.30 0.00	50.16 3.59 0.00

E179THST_13_KV_LOAD 356214	51.05 4.68 -0.01	46.13 4.38 -0.01	40.23 3.82 0.00	37.65 3.55 0.00	37.12 3.44 0.00	39.45 3.65 0.00	43.18 4.14 0.00	49.82 4.82 0.00	52.95 4.46 0.00	53.30 4.67 -0.02	51.06 4.51 0.00	54.38 4.81 -0.02	56.66 4.92 0.00	60.74 5.02 0.00	63.84 4.89 0.00	68.33 6.66 0.00	74.83 8.08 0.00	85.82 9.07 -1.14	87.83 8.99 0.00	83.60 7.18 0.00	72.59 5.87 0.00	64.36 4.32 0.00	55.93 4.71 0.00	50.48 3.91 0.00
EAST HAMPTON___GT 23717	52.30 5.94 0.00	47.18 5.42 -0.02	41.30 4.88 -0.01	38.72 4.60 -0.01	38.14 4.45 -0.01	40.39 4.58 -0.01	44.44 5.39 -0.01	51.26 6.25 0.00	54.21 5.72 0.00	54.25 5.64 0.00	51.86 5.44 0.12	55.73 6.29 0.12	58.52 7.04 0.26	69.51 8.03 -5.76	73.96 8.78 -6.23	72.72 9.56 -1.49	79.10 11.08 -1.26	92.84 12.78 -4.46	91.66 12.45 -0.37	87.49 10.24 -0.82	74.32 7.60 0.00	65.81 5.76 0.00	56.90 5.17 -0.51	51.28 4.84 0.14
EAST RIVER___6 23660	50.67 4.31 0.00	45.66 3.92 0.00	40.02 3.61 0.00	37.45 3.34 0.00	36.88 3.20 0.00	39.20 3.40 0.00	42.95 3.90 0.00	49.65 4.64 0.00	52.90 4.41 0.00	53.15 4.52 -0.01	50.93 4.37 -0.01	54.13 4.56 -0.01	56.50 4.76 0.00	60.80 5.07 0.00	64.37 5.42 0.00	68.40 6.72 0.00	75.03 8.28 0.00	85.81 9.07 -1.14	87.91 9.06 0.00	83.76 7.34 0.00	72.52 5.80 0.00	64.42 4.38 0.00	55.27 4.05 0.00	50.21 3.63 0.00
EAST RIVER___7 23524	50.67 4.31 0.00	45.66 3.92 0.00	40.02 3.61 0.00	37.45 3.34 0.00	36.88 3.20 0.00	39.20 3.40 0.00	42.95 3.90 0.00	49.65 4.64 0.00	52.90 4.41 0.00	53.15 4.52 -0.01	50.93 4.37 -0.01	54.13 4.56 -0.01	56.50 4.76 0.00	60.80 5.07 0.00	64.37 5.42 0.00	68.40 6.72 0.00	75.03 8.28 0.00	85.81 9.07 -1.14	87.91 9.06 0.00	83.76 7.34 0.00	72.52 5.80 0.00	64.42 4.38 0.00	55.27 4.05 0.00	50.21 3.63 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	50.02 3.66 0.00	45.24 3.51 0.00	39.65 3.24 0.00	37.11 3.00 0.00	36.58 2.90 0.00	38.88 3.08 0.00	42.52 3.47 0.00	49.10 4.10 0.00	52.18 3.69 0.00	52.46 3.84 0.00	50.26 3.72 0.00	53.47 3.91 0.00	55.94 4.19 0.00	60.24 4.51 0.00	63.78 4.83 0.00	67.84 6.17 0.00	74.23 7.48 0.00	84.91 8.17 -1.14	87.12 8.28 0.00	82.92 6.50 0.00	71.99 5.27 0.00	63.94 3.90 0.00	54.76 3.53 0.00	49.69 3.12 0.00
EAST_HAMPTON___DIESEL 23722	52.25 5.89 0.00	47.10 5.34 -0.02	41.23 4.81 -0.01	38.69 4.57 -0.01	38.07 4.38 -0.01	40.36 4.55 -0.01	44.36 5.31 -0.01	51.22 6.21 0.00	54.16 5.67 0.00	54.25 5.64 0.00	51.81 5.40 0.12	55.68 6.24 0.12	58.52 7.04 0.26	69.45 8.72 -5.76	73.90 9.79 -6.23	72.66 9.49 -1.49	78.97 10.95 -1.26	92.69 12.63 -4.46	91.50 12.29 -0.37	87.25 10.01 -0.82	74.18 7.47 0.00	65.69 5.64 0.00	56.85 5.12 -0.51	51.19 4.75 0.14
EAST_POINT___SOLAR 323840	50.91 4.55 0.00	45.83 4.09 0.00	39.83 3.42 0.00	37.18 3.07 0.00	36.78 3.10 0.00	39.35 3.55 0.00	42.75 3.71 0.00	48.92 3.91 0.00	51.83 3.34 0.00	51.49 2.87 0.00	48.64 2.10 0.00	50.99 1.44 0.00	53.61 1.86 0.00	57.45 1.73 0.00	60.66 1.71 0.00	63.09 1.42 0.00	68.16 1.40 0.00	80.29 2.49 -2.19	83.33 4.49 0.00	83.15 6.73 0.00	73.79 7.07 0.00	66.40 6.36 0.00	56.24 5.02 0.00	50.85 4.28 0.00
EAST_PULASKI___ESR 323781	46.36 0.00 0.00	41.86 0.13 0.00	36.37 -0.04 0.00	34.04 -0.07 0.00	33.62 -0.07 0.00	35.84 0.04 0.00	39.08 0.04 0.00	44.96 -0.04 0.00	48.35 -0.15 0.00	48.42 -0.19 0.00	46.31 -0.23 0.00	49.46 -0.10 0.00	51.39 -0.36 0.00	55.39 -0.33 0.00	58.54 -0.41 0.00	61.18 -0.50 0.00	66.22 -0.54 0.00	75.30 -0.30 0.00	79.24 0.40 0.00	76.73 0.31 0.00	66.99 0.27 0.00	59.98 -0.06 0.00	51.17 -0.05 0.00	46.52 -0.05 0.00
EAST_RIVER___1 323558	50.67 4.31 0.00	45.66 3.92 0.00	40.05 3.64 0.00	37.48 3.38 0.00	36.92 3.23 0.00	39.24 3.44 0.00	42.99 3.94 0.00	49.69 4.68 0.00	52.95 4.46 0.00	53.15 4.52 -0.01	50.93 4.37 -0.01	54.18 4.61 -0.01	56.56 4.81 0.00	60.80 5.07 0.00	64.37 5.42 0.00	68.40 6.72 0.00	75.03 8.28 0.00	85.81 9.07 -1.14	87.91 9.06 0.00	83.76 7.34 0.00	72.59 5.87 0.00	64.42 4.38 0.00	55.27 4.05 0.00	50.21 3.63 0.00
EAST_RIVER___2 323559	50.67 4.31 0.00	45.66 3.92 0.00	40.02 3.61 0.00	37.45 3.34 0.00	36.88 3.20 0.00	39.20 3.40 0.00	42.95 3.90 0.00	49.65 4.64 0.00	52.90 4.41 0.00	53.15 4.52 -0.01	50.93 4.37 -0.01	54.13 4.56 -0.01	56.50 4.76 0.00	60.80 5.07 0.00	64.37 5.42 0.00	68.40 6.72 0.00	75.03 8.28 0.00	85.81 9.07 -1.14	87.91 9.06 0.00	83.76 7.34 0.00	72.52 5.80 0.00	64.42 4.38 0.00	55.27 4.05 0.00	50.21 3.63 0.00
EAST___DELAWARE_HYD 23607	49.60 3.24 0.00	44.78 3.05 0.00	39.18 2.77 0.00	36.63 2.52 0.00	36.11 2.43 0.00	38.49 2.69 0.00	42.05 3.01 0.00	48.43 3.42 0.00	51.57 3.20 0.12	51.66 3.16 0.12	49.51 3.02 0.06	52.59 3.17 0.14	55.06 3.52 0.20	59.25 3.84 0.32	62.79 4.25 0.41	66.42 5.24 0.50	72.79 6.68 0.64	83.17 7.56 0.00	86.70 8.05 0.19	82.81 6.49 0.10	71.86 5.14 0.00	63.83 3.78 0.00	54.40 3.18 0.00	49.32 2.75 0.00
EIGHT_POINT___WT_PWR 323820	46.50 0.14 0.00	42.78 1.04 0.00	36.78 0.36 0.00	34.58 0.48 0.00	33.95 0.27 0.00	36.41 0.61 0.00	39.35 0.31 0.00	44.34 -0.67 0.00	47.47 -1.02 0.00	47.84 -0.78 0.00	46.08 -0.47 0.00	49.46 -0.10 0.00	51.90 0.16 0.00	56.01 0.28 0.00	58.83 -0.12 0.00	61.74 0.06 0.00	67.49 0.74 0.00	76.44 0.83 0.00	81.44 2.60 0.00	78.25 1.83 0.00	68.52 1.80 0.00	61.00 0.96 0.00	52.14 0.92 0.00	47.08 0.51 0.00
ELBRIDGE_115KV_TB2 80188	46.27 -0.09 0.00	41.78 0.04 0.00	36.30 -0.11 0.00	33.97 -0.14 0.00	33.55 -0.13 0.00	35.66 -0.14 0.00	38.89 -0.16 0.00	44.74 -0.27 0.00	48.15 -0.34 0.00	48.28 -0.34 0.00	46.26 -0.28 0.00	49.41 -0.15 0.00	51.59 -0.16 0.00	55.61 -0.11 0.00	58.83 -0.12 0.00	61.74 0.06 0.00	66.89 0.13 0.00	75.91 0.30 0.00	79.71 0.87 0.00	76.95 0.53 0.00	67.12 0.40 0.00	60.04 0.00 0.00	51.22 0.00 0.00	46.43 -0.14 0.00
ELEC_TRO_TEK 24086	50.67 4.31 0.00	46.05 4.30 -0.02	40.34 3.93 0.00	37.76 3.65 0.00	37.22 3.54 0.00	39.56 3.76 0.00	43.26 4.22 0.00	49.87 4.86 0.00	51.98 3.49 0.00	52.51 3.89 0.00	50.17 3.63 0.00	53.62 4.06 0.00	56.30 4.55 0.00	60.85 5.13 0.00	64.49 5.54 0.00	80.52 7.03 -11.82	85.05 8.41 -9.88	112.08 9.22 -27.25	91.03 9.38 -2.80	90.51 7.57 -6.52	72.81 6.07 -0.02	64.48 4.44 0.00	59.60 4.46 -3.92	49.99 3.40 -0.02
ELLENBURG_WT_PWR 323604	45.25 -1.11 0.00	40.53 -1.21 0.00	35.50 -0.91 0.00	33.36 -0.75 0.00	33.01 -0.67 0.00	35.01 -0.79 0.00	38.26 -0.78 0.00	44.15 -0.86 0.00	47.77 -0.73 0.00	47.89 -0.73 0.00	46.08 -0.47 0.00	48.76 -0.79 0.00	50.82 -0.93 0.00	54.22 -1.50 0.00	57.24 -1.71 0.00	59.39 -2.28 0.00	64.09 -2.67 0.00	72.58 -3.03 0.00	75.61 -3.24 0.00	74.13 -2.29 0.00	64.85 -1.87 0.00	58.48 -1.56 0.00	50.20 -1.02 0.00	46.25 -0.32 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	46.13 -0.23 0.00	42.40 0.67 0.00	36.12 -0.29 0.00	33.97 -0.14 0.00	33.48 -0.20 0.00	35.55 -0.25 0.00	38.18 -0.86 0.00	42.80 -2.21 0.00	46.41 -2.09 0.00	47.16 -1.46 0.00	45.61 -0.93 0.00	48.86 -0.69 0.00	51.33 -0.41 0.00	55.34 -0.39 0.00	58.06 -0.88 0.00	61.37 -0.31 0.00	66.56 -0.20 0.00	74.85 -0.76 0.00	79.63 0.79 0.00	76.11 -0.31 0.00	66.05 -0.67 0.00	58.96 -1.08 0.00	50.86 -0.36 0.00	46.34 -0.23 0.00
EMPIRE_CC_1 323656	47.71 1.35 0.00	42.99 1.25 0.00	37.76 1.35 0.00	35.44 1.33 0.00	34.99 1.31 0.00	37.09 1.29 0.00	40.37 1.33 0.00	46.76 1.75 0.00	49.80 1.31 0.00	49.83 1.22 0.00	47.52 0.98 0.00	50.50 0.94 0.00	52.73 0.98 0.00	57.01 1.28 0.00	60.36 1.41 0.00	63.59 1.91 0.00	68.56 1.80 0.00	84.46 2.87 -5.98	81.84 3.00 0.00	78.56 2.14 0.00	68.45 1.73 0.00	61.36 1.32 0.00	52.25 1.02 0.00	47.50 0.93 0.00
EMPIRE_CC_2 323658	47.71 1.35 0.00	42.99 1.25 0.00	37.76 1.35 0.00	35.44 1.33 0.00	34.99 1.31 0.00	37.09 1.29 0.00	40.37 1.33 0.00	46.76 1.75 0.00	49.80 1.31 0.00	49.83 1.22 0.00	47.52 0.98 0.00	50.50 0.94 0.00	52.73 0.98 0.00	57.01 1.28 0.00	60.36 1.41 0.00	63.59 1.91 0.00	68.56 1.80 0.00	84.46 2.87 -5.98	81.84 3.00 0.00	78.56 2.14 0.00	68.45 1.73 0.00	61.36 1.32 0.00	52.25 1.02 0.00	47.50 0.93 0.00
ENORWICH_115KV_TB1 80156	49.84 3.48 0.00	45.12 3.38 0.00	39.18 2.77 0.00	36.56 2.46 0.00	36.14 2.46 0.00	38.77 2.97 0.00	42.21 3.16 0.00	48.47 3.47 0.00	51.74 3.25 0.00	51.44 2.82 0.00	49.10 2.56 0.00	52.28 2.73 0.00	54.49 2.74 0.00	58.96 3.23 0.00	62.25 3.30 0.00	65.68 4.01 0.00	71.76 5.01 0.00	82.26 6.65 0.00	87.44 8.59 0.00	84.60 8.18 0.00	73.66 6.94 0.00	65.62 5.58 0.00	55.47 4.25 0.00	50.06 3.49 0.00
ERIE_ST__34_KV_TB1-2 80199	46.04 -0.32 0.00	42.24 0.50 0.00	36.08 -0.33 0.00	33.94 -0.17 0.00	33.41 -0.27 0.00	35.52 -0.29 0.00	38.18 -0.86 0.00	42.98 -2.03 0.00	46.65 -1.84 0.00	47.40 -1.22 0.00	45.84 -0.70 0.00	49.16 -0.40 0.00	51.69 -0.05 0.00	55.84 0.11 0.00	58.71 -0.24 0.00	62.11 0.43 0.00	67.42 0.67 0.00	75.76 0.15 0.00	80.58 1.73 0.00	77.03 0.61 0.00	66.72 0.00 0.00	59.44 -0.60 0.00	51.22 0.00 0.00	46.48 -0.09 0.00
ERIE_WT_PWR 323693	46.04 -0.32 0.00	42.49 0.75 0.00	36.27 -0.15 0.00	34.07 -0.03 0.00	33.31 -0.37 0.00	35.73 -0.07 0.00	38.38 -0.66 0.00	42.94 -2.07 0.00	46.55 -1.94 0.00	47.31 -1.31 0.00	45.75 -0.79 0.00	49.11 -0.45 0.00	51.59 -0.15 0.00	55.67 -0.06 0.00	58.36 -0.59 0.00	61.31 -0.37 0.00	66.96 0.20 0.00	75.30 -0.30 0.00	80.10 1.26 0.00	75.89 -0.53 0.00	66.45 -0.27 0.00	59.26 -0.78 0.00	51.07 -0.15 0.00	46.15 -0.42 0.00
ESPRGFLD_115KV_TB1 80157	49.79 3.43 0.00	44.95 3.21 0.00	39.07 2.66 0.00	36.53 2.42 0.00	36.07 2.39 0.00	38.56 2.76 0.00	42.09 3.05 0.00	48.38 3.38 0.00	51.74 3.25 0.00	51.68 3.06 0.00	49.24 2.70 0.00	52.28 2.73 0.00	54.69 2.95 0.00	58.90 3.18 0.00	62.31 3.36 0.00	65.44 3.76 0.00	70.90 4.14 0.00	82.50 5.29 -1.60	85.31 6.47 0.00	82.76 6.34 0.00	72.46 5.74 0.00	64.90 4.86 0.00	55.11 3.89 0.00	49.88 3.31 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	47.43 1.07 0.00	42.86 1.13 0.00	37.21 0.80 0.00	34.82 0.72 0.00	34.39 0.71 0.00	36.63 0.82 0.00	39.90 0.86 0.00	45.86 0.86 0.00	49.27 0.78 0.00	49.30 0.68 0.00	47.19 0.65 0.00	50.35 0.79 0.00	52.62 0.88 0.00	56.73 1.00 0.00	59.95 1.00 0.00	63.09 1.42 0.00	68.56 1.80 0.00	77.95 2.34 0.00	82.23 3.39 0.00	79.48 3.06 0.00	69.25 2.54 0.00	61.90 1.86 0.00	52.71 1.49 0.00	47.69 1.12 0.00
ETNA____115KV_TB2 80207	47.43 1.07 0.00	42.86 1.13 0.00	37.21 0.80 0.00	34.82 0.72 0.00	34.39 0.71 0.00	36.63 0.82 0.00	39.90 0.86 0.00	45.86 0.86 0.00	49.27 0.78 0.00	49.30 0.68 0.00	47.19 0.65 0.00	50.35 0.79 0.00	52.62 0.88 0.00	56.73 1.00 0.00	59.95 1.00 0.00	63.09 1.42 0.00	68.56 1.80 0.00	77.95 2.34 0.00	82.23 3.39 0.00	79.48 3.06 0.00	69.25 2.54 0.00	61.90 1.86 0.00	52.71 1.49 0.00	47.69 1.12 0.00
EUCLID___115KV_TB2 356179	45.99 -0.37 0.00	41.57 -0.17 0.00	36.08 -0.33 0.00	33.80 -0.31 0.00	33.38 -0.30 0.00	35.48 -0.32 0.00	38.69 -0.35 0.00	44.51 -0.50 0.00	47.91 -0.58 0.00	48.08 -0.53 0.00	46.08 -0.47 0.00	49.21 -0.35 0.00	51.38 -0.36 0.00	55.39 -0.33 0.00	58.59 -0.35 0.00	61.49 -0.19 0.00	66.62 -0.13 0.00	75.53 -0.08 0.00	79.24 0.39 0.00	76.50 0.08 0.00	66.65 -0.07 0.00	59.74 -0.30 0.00	50.91 -0.31 0.00	46.20 -0.37 0.00
E_CANADA_CAP_HY 24051	50.53 4.17 0.00	45.53 3.80 0.00	39.62 3.20 0.00	36.97 2.87 0.00	36.58 2.90 0.00	39.09 3.29 0.00	42.60 3.55 0.00	48.92 3.91 0.00	52.13 3.64 0.00	51.88 3.26 0.00	49.19 2.65 0.00	52.03 2.48 0.00	54.49 2.74 0.00	58.68 2.95 0.00	62.07 3.12 0.00	64.82 3.14 0.00	70.29 3.54 0.00	82.49 4.84 -2.04	85.23 6.38 0.00	83.37 6.95 0.00	73.19 6.47 0.00	65.93 5.89 0.00	55.83 4.61 0.00	50.53 3.96 0.00
E_CANADA_MHWK_HY 24050	46.45 0.09 0.00	41.82 0.08 0.00	36.45 0.04 0.00	34.11 0.00 0.00	33.72 0.03 0.00	35.95 0.14 0.00	39.20 0.16 0.00	45.19 0.18 0.00	48.49 0.00 0.00	48.57 -0.05 0.00	46.36 -0.19 0.00	49.36 -0.20 0.00	51.49 -0.26 0.00	55.50 -0.22 0.00	58.71 -0.23 0.00	61.49 -0.18 0.00	66.62 -0.13 0.00	75.68 0.08 0.00	79.24 0.40 0.00	76.73 0.31 0.00	66.92 0.20 0.00	60.34 0.30 0.00	51.43 0.21 0.00	46.66 0.09 0.00
E_FISHKILL___LBMP 23776	49.47 3.11 0.00	44.70 2.96 0.00	39.18 2.77 0.00	36.66 2.56 0.00	36.18 2.49 0.00	38.42 2.61 0.00	42.01 2.97 0.00	48.52 3.51 0.00	51.60 3.10 0.00	51.83 3.21 0.00	49.61 3.07 0.00	52.78 3.22 0.00	55.16 3.42 0.00	59.40 3.68 0.00	62.90 3.95 0.00	66.85 5.18 0.00	73.03 6.28 0.00	83.65 6.88 -1.16	85.78 6.94 0.00	81.77 5.35 0.00	71.05 4.34 0.00	63.28 3.24 0.00	54.09 2.87 0.00	49.13 2.56 0.00
FALCON___SEABRD_CC1 323796	45.34 -1.02 0.00	40.65 -1.09 0.00	35.57 -0.84 0.00	33.46 -0.65 0.00	33.11 -0.57 0.00	35.09 -0.72 0.00	38.38 -0.66 0.00	44.29 -0.72 0.00	47.71 -0.78 0.00	47.84 -0.78 0.00	46.26 -0.28 0.00	48.71 -0.84 0.00	50.76 -0.98 0.00	53.66 -2.06 0.00	56.47 -2.47 0.00	58.53 -3.14 0.00	63.22 -3.54 0.00	71.60 -4.01 0.00	74.58 -4.26 0.00	73.21 -3.21 0.00	64.11 -2.60 0.00	57.76 -2.28 0.00	49.99 -1.23 0.00	46.71 0.14 0.00
FALCON___SEABRD_CC2 323797	45.34 -1.02 0.00	40.65 -1.09 0.00	35.57 -0.84 0.00	33.46 -0.65 0.00	33.11 -0.57 0.00	35.09 -0.72 0.00	38.38 -0.66 0.00	44.29 -0.72 0.00	47.71 -0.78 0.00	47.84 -0.78 0.00	46.26 -0.28 0.00	48.71 -0.84 0.00	50.76 -0.98 0.00	53.66 -2.06 0.00	56.47 -2.47 0.00	58.53 -3.14 0.00	63.22 -3.54 0.00	71.60 -4.01 0.00	74.58 -4.26 0.00	73.21 -3.21 0.00	64.11 -2.60 0.00	57.76 -2.28 0.00	49.99 -1.23 0.00	46.71 0.14 0.00

FAR ROCKAWAY___4 23548	51.69 5.33 0.00	46.89 5.13 -0.02	41.07 4.66 0.00	38.44 4.33 0.00	37.89 4.21 0.00	40.24 4.44 0.00	44.00 4.96 0.00	50.68 5.67 0.00	52.86 4.36 0.00	53.43 4.81 0.00	51.10 4.56 0.00	54.76 5.20 0.00	57.49 5.74 0.00	62.25 6.52 0.00	66.02 7.07 0.00	97.92 8.70 -27.55	99.98 10.21 -23.01	148.85 11.27 -61.98	96.95 11.59 -6.52	101.26 9.63 -15.21	74.65 7.87 -0.06	65.98 5.94 0.00	65.78 5.74 -8.82	51.05 4.42 -0.05
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	50.58 4.22 0.00	45.66 3.92 0.00	40.05 3.64 0.00	37.48 3.38 0.00	36.95 3.27 0.00	39.24 3.44 0.00	42.99 3.94 0.00	49.64 4.64 0.00	52.81 4.32 0.00	53.10 4.47 -0.01	50.88 4.33 -0.01	54.13 4.56 -0.01	56.56 4.81 0.00	60.80 5.07 0.00	64.31 5.36 0.00	68.64 6.97 0.00	75.04 8.28 0.00	85.82 9.07 -1.14	87.91 9.07 0.00	83.60 7.18 0.00	72.52 5.80 0.00	64.42 4.38 0.00	55.32 4.10 0.00	50.20 3.63 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	50.63 4.27 0.00	45.70 3.97 0.00	40.05 3.64 0.00	37.48 3.38 0.00	36.95 3.27 0.00	39.24 3.44 0.00	42.99 3.94 0.00	49.64 4.64 0.00	52.81 4.32 0.00	53.10 4.47 -0.01	50.88 4.33 -0.01	54.18 4.61 -0.01	56.56 4.81 0.00	60.80 5.07 0.00	64.31 5.36 0.00	68.64 6.97 0.00	75.10 8.34 0.00	85.82 9.07 -1.14	87.99 9.15 0.00	83.60 7.18 0.00	72.59 5.87 0.00	64.42 4.38 0.00	55.32 4.10 0.00	50.25 3.68 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	50.53 4.17 0.00	45.66 3.92 0.00	40.02 3.60 0.00	37.45 3.34 0.00	36.92 3.23 0.00	39.20 3.40 0.00	42.95 3.90 0.00	49.60 4.59 0.00	52.76 4.27 0.00	53.06 4.42 -0.01	50.88 4.33 -0.01	54.13 4.56 -0.01	56.51 4.76 0.00	60.74 5.02 0.00	64.31 5.36 0.00	68.58 6.91 0.00	75.04 8.28 0.00	85.74 9.00 -1.14	87.83 8.99 0.00	83.53 7.11 0.00	72.46 5.74 0.00	64.36 4.32 0.00	55.27 4.05 0.00	50.20 3.63 0.00
FARRAGUT___LBMP 323566	50.49 4.13 0.00	45.62 3.88 0.00	39.98 3.57 0.00	37.42 3.31 0.00	36.88 3.20 0.00	39.17 3.37 0.00	42.91 3.87 0.00	49.55 4.55 0.00	52.71 4.22 0.00	53.01 4.38 -0.01	50.79 4.24 -0.01	54.03 4.46 -0.01	56.45 4.71 0.00	60.68 4.96 0.00	64.19 5.25 0.00	68.46 6.78 0.00	74.90 8.14 0.00	85.67 8.92 -1.14	87.75 8.91 0.00	83.45 7.03 0.00	72.39 5.67 0.00	64.30 4.26 0.00	55.22 4.00 0.00	50.16 3.59 0.00
FENNER___WINDPWR 24204	47.43 1.07 0.00	42.82 1.08 0.00	37.25 0.84 0.00	34.86 0.75 0.00	34.39 0.71 0.00	36.70 0.90 0.00	40.02 0.98 0.00	46.09 1.08 0.00	49.56 1.07 0.00	49.59 0.97 0.00	47.47 0.93 0.00	50.60 1.04 0.00	52.83 1.09 0.00	57.01 1.28 0.00	60.24 1.30 0.00	63.15 1.48 0.00	68.56 1.80 0.00	78.02 2.42 0.00	81.91 3.07 0.00	79.25 2.83 0.00	69.12 2.40 0.00	61.90 1.86 0.00	52.61 1.38 0.00	47.64 1.07 0.00
FIBERTEK___ENERGY 23856	46.50 0.14 0.00	41.99 0.25 0.00	36.45 0.04 0.00	34.14 0.03 0.00	33.72 0.03 0.00	35.84 0.04 0.00	39.08 0.04 0.00	45.01 0.00 0.00	48.44 -0.05 0.00	48.57 -0.05 0.00	46.54 0.00 0.00	49.70 0.15 0.00	51.85 0.10 0.00	55.95 0.22 0.00	59.12 0.18 0.00	62.04 0.37 0.00	67.22 0.47 0.00	76.29 0.68 0.00	80.10 1.26 0.00	77.34 0.92 0.00	67.45 0.73 0.00	60.34 0.30 0.00	51.48 0.26 0.00	46.66 0.09 0.00
FITZPATRICK___ 23598	45.20 -1.16 0.00	40.82 -0.92 0.00	35.50 -0.91 0.00	33.26 -0.85 0.00	32.81 -0.88 0.00	34.91 -0.89 0.00	38.07 -0.97 0.00	43.80 -1.21 0.00	47.13 -1.36 0.00	47.26 -1.36 0.00	45.29 -1.25 0.00	48.37 -1.19 0.00	50.50 -1.24 0.00	54.39 -1.34 0.00	57.53 -1.42 0.00	60.19 -1.48 0.00	65.29 -1.47 0.00	74.01 -1.59 0.00	77.58 -1.26 0.00	74.81 -1.61 0.00	65.38 -1.33 0.00	58.60 -1.44 0.00	49.99 -1.23 0.00	45.36 -1.21 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	50.12 3.76 0.00	45.28 3.55 0.00	39.65 3.24 0.00	37.07 2.97 0.00	36.55 2.86 0.00	38.92 3.11 0.00	42.52 3.47 0.00	49.01 4.01 0.00	52.18 3.69 0.00	52.41 3.79 0.00	50.17 3.63 0.00	53.42 3.87 0.00	56.04 4.29 0.00	60.35 4.63 0.00	64.02 5.07 0.00	67.96 6.29 0.00	74.30 7.54 0.00	84.93 8.39 -0.93	87.59 8.75 0.00	83.37 6.95 0.00	72.39 5.67 0.00	64.30 4.26 0.00	54.91 3.69 0.00	49.78 3.21 0.00
FORT ORANGE___ 23900	47.24 0.88 0.00	42.53 0.79 0.00	37.28 0.87 0.00	34.92 0.82 0.00	34.49 0.81 0.00	36.63 0.82 0.00	39.86 0.82 0.00	46.18 1.17 0.00	48.88 0.63 0.24	48.86 0.49 0.25	46.66 0.23 0.12	49.42 0.15 0.29	51.59 0.26 0.42	55.52 0.44 0.65	58.70 0.59 0.84	61.70 1.05 1.02	66.45 1.00 1.31	60.03 1.89 17.47	80.51 2.05 0.38	77.60 1.38 0.20	67.65 0.93 0.00	60.70 0.66 0.00	51.68 0.46 0.00	47.27 0.70 0.00
FORT_DRUM_COGEN 23780	47.98 1.62 0.00	43.24 1.50 0.00	37.58 1.17 0.00	35.10 0.99 0.00	34.76 1.08 0.00	37.27 1.47 0.00	40.57 1.52 0.00	46.72 1.71 0.00	50.14 1.65 0.00	50.08 1.46 0.00	47.70 1.16 0.00	50.80 1.24 0.00	52.78 1.03 0.00	56.95 1.23 0.00	60.13 1.18 0.00	62.85 1.17 0.00	67.56 0.80 0.00	77.34 1.74 0.00	82.00 3.15 0.00	80.16 3.74 0.00	69.99 3.27 0.00	62.68 2.64 0.00	53.07 1.84 0.00	48.11 1.54 0.00
FOX_HILLS___ESR 323835	50.91 4.54 -0.01	46.04 4.30 -0.01	40.38 3.97 0.00	37.76 3.65 0.00	37.19 3.50 0.00	39.49 3.69 0.00	43.18 4.14 0.00	49.82 4.82 0.00	52.76 4.27 0.00	53.06 4.42 -0.02	50.98 4.42 -0.02	54.23 4.66 -0.02	56.35 4.61 0.00	57.49 4.57 2.81	57.68 4.48 5.75	60.02 6.17 7.82	69.57 7.48 4.67	76.11 8.32 7.81	78.58 8.04 8.31	74.29 6.19 8.32	59.03 5.00 12.69	63.58 3.54 0.00	55.47 4.25 0.00	50.67 4.10 0.00
FPL_FAR_ROCK_GT1 24212	52.11 5.75 0.00	46.89 5.13 -0.02	41.09 4.66 -0.01	38.45 4.33 -0.01	37.87 4.18 -0.01	40.25 4.44 -0.01	44.01 4.96 -0.01	50.77 5.76 0.00	53.53 5.04 0.00	53.63 5.01 0.00	51.24 4.70 0.00	54.76 5.20 0.00	57.49 5.74 0.00	62.25 6.52 -0.01	66.14 7.19 0.00	97.67 8.45 -27.55	99.98 10.21 -23.01	148.85 11.27 -61.98	96.95 11.59 -6.52	101.41 9.78 -15.21	74.64 7.87 -0.06	65.99 5.95 0.00	65.73 5.68 -8.82	51.38 4.75 -0.05
FPL_FAR_ROCK_GT2 23815	52.11 5.75 0.00	46.89 5.13 -0.02	41.09 4.66 -0.01	38.45 4.33 -0.01	37.87 4.18 -0.01	40.25 4.44 -0.01	44.01 4.96 -0.01	50.77 5.76 0.00	53.53 5.04 0.00	53.63 5.01 0.00	51.24 4.70 0.00	54.76 5.20 0.00	57.49 5.74 0.00	62.25 6.52 -0.01	66.14 7.19 0.00	97.67 8.45 -27.55	99.98 10.21 -23.01	148.85 11.27 -61.98	96.95 11.59 -6.52	101.41 9.78 -15.21	74.64 7.87 -0.06	65.99 5.95 0.00	65.73 5.68 -8.82	51.38 4.75 -0.05
FRANKLIN_FALL_HYD 24054	45.94 -0.42 0.00	41.19 -0.54 0.00	36.05 -0.36 0.00	33.87 -0.24 0.00	33.55 -0.13 0.00	35.55 -0.25 0.00	38.93 -0.12 0.00	44.87 -0.14 0.00	48.69 0.19 0.00	48.76 0.15 0.00	46.91 0.37 0.00	49.70 0.15 0.00	51.69 -0.05 0.00	55.22 -0.50 0.00	58.42 -0.53 0.00	60.25 -1.42 0.00	65.22 -1.54 0.00	73.79 -1.81 0.00	76.95 -1.89 0.00	75.66 -0.76 0.00	66.38 -0.33 0.00	59.80 -0.24 0.00	51.12 -0.10 0.00	46.80 0.23 0.00

FREEPORT_EQUS_GT1 23764	51.69 5.33 0.00	46.55 4.80 -0.02	40.75 4.33 -0.01	38.14 4.02 -0.01	37.56 3.87 -0.01	39.93 4.12 -0.01	43.70 4.64 -0.01	50.41 5.40 0.00	53.10 4.61 0.00	53.09 4.47 0.00	50.68 4.14 0.00	54.06 4.51 0.00	56.82 5.07 0.00	61.25 5.52 -0.01	65.14 6.19 0.00	78.93 7.34 -9.93	84.07 9.01 -8.30	108.66 9.98 -23.08	91.44 10.25 -2.35	90.38 8.48 -5.48	73.40 6.67 -0.02	65.14 5.10 0.00	59.63 4.92 -3.49	50.69 4.10 -0.02
FREEPORT___CT2 23818	51.69 5.33 0.00	46.55 4.80 -0.02	40.75 4.33 -0.01	38.14 4.02 -0.01	37.56 3.87 -0.01	39.93 4.12 -0.01	43.70 4.64 -0.01	50.41 5.40 0.00	53.10 4.61 0.00	53.09 4.47 0.00	50.68 4.14 0.00	54.06 4.51 0.00	56.82 5.07 0.00	61.25 5.52 -0.01	65.14 6.19 0.00	78.93 7.34 -9.93	84.07 9.01 -8.30	108.66 9.98 -23.08	91.44 10.25 -2.35	90.38 8.48 -5.48	73.40 6.67 -0.02	65.14 5.10 0.00	59.63 4.92 -3.49	50.69 4.10 -0.02
FRESHKLS_33_KV_LOAD 356253	51.05 4.68 -0.01	46.17 4.42 -0.01	40.49 4.08 0.00	37.86 3.75 0.00	37.25 3.57 0.00	39.63 3.83 0.00	43.30 4.26 0.00	49.96 4.95 0.00	52.81 4.32 0.00	53.06 4.42 -0.02	51.03 4.47 -0.02	54.23 4.66 -0.02	56.35 4.61 0.00	57.43 4.51 2.81	57.68 4.48 5.75	59.96 6.11 7.82	69.57 7.48 4.67	76.19 8.39 7.81	78.66 8.12 8.31	74.29 6.19 8.32	59.10 5.07 12.69	57.78 3.54 5.80	55.52 4.30 0.00	50.81 4.24 0.00
FULTON COGEN____ 23766	45.85 -0.51 0.00	41.36 -0.38 0.00	35.97 -0.44 0.00	33.66 -0.44 0.00	33.24 -0.44 0.00	35.37 -0.43 0.00	38.58 -0.47 0.00	44.38 -0.63 0.00	47.76 -0.73 0.00	47.89 -0.73 0.00	45.89 -0.65 0.00	49.01 -0.55 0.00	51.07 -0.67 0.00	55.06 -0.67 0.00	58.24 -0.71 0.00	61.12 -0.56 0.00	66.16 -0.60 0.00	75.08 -0.53 0.00	78.76 -0.08 0.00	76.11 -0.31 0.00	66.38 -0.33 0.00	59.44 -0.60 0.00	50.66 -0.56 0.00	46.01 -0.56 0.00
FULTON___LFGE 323630	50.49 4.12 0.00	45.45 3.71 0.00	39.54 3.13 0.00	36.90 2.80 0.00	36.51 2.83 0.00	39.03 3.22 0.00	42.52 3.47 0.00	48.92 3.91 0.00	52.08 3.59 0.00	51.88 3.26 0.00	49.10 2.56 0.00	51.98 2.43 0.00	54.43 2.69 0.00	58.62 2.90 0.00	62.07 3.12 0.00	65.00 3.33 0.00	70.63 3.87 0.00	83.12 5.29 -2.23	85.62 6.78 0.00	83.53 7.11 0.00	73.19 6.47 0.00	65.81 5.76 0.00	55.78 4.56 0.00	50.48 3.91 0.00
G.F.CEMENT___DRP 24184	49.23 2.87 0.00	44.41 2.67 0.00	38.70 2.29 0.00	36.12 2.01 0.00	35.67 1.99 0.00	38.02 2.22 0.00	41.54 2.50 0.00	47.98 2.97 0.00	51.11 2.62 0.00	51.05 2.43 0.00	48.03 1.49 0.00	50.99 1.44 0.00	53.40 1.66 0.00	57.68 1.95 0.00	61.13 2.18 0.00	64.51 2.84 0.00	69.89 3.14 0.00	84.57 4.39 -4.58	84.52 5.68 0.00	81.31 4.89 0.00	71.25 4.54 0.00	63.94 3.90 0.00	54.19 2.97 0.00	49.13 2.56 0.00
GARDENVILLE___LBMP 24039	46.18 -0.19 0.00	42.40 0.67 0.00	36.19 -0.22 0.00	34.04 -0.07 0.00	33.55 -0.13 0.00	35.62 -0.18 0.00	38.26 -0.78 0.00	42.89 -2.12 0.00	46.45 -2.04 0.00	47.16 -1.46 0.00	45.56 -0.98 0.00	48.81 -0.74 0.00	51.28 -0.47 0.00	55.34 -0.39 0.00	58.06 -0.88 0.00	61.37 -0.31 0.00	66.49 -0.27 0.00	74.85 -0.76 0.00	79.71 0.87 0.00	76.27 -0.15 0.00	66.18 -0.53 0.00	59.08 -0.96 0.00	50.91 -0.31 0.00	46.39 -0.19 0.00
GARDNVLA_35_KV_LD 355827	46.41 0.05 0.00	42.61 0.88 0.00	36.34 -0.07 0.00	34.18 0.07 0.00	33.68 0.00 0.00	35.77 -0.04 0.00	38.42 -0.62 0.00	43.12 -1.89 0.00	46.75 -1.75 0.00	47.55 -1.07 0.00	45.94 -0.61 0.00	49.21 -0.35 0.00	51.75 0.00 0.00	55.84 0.11 0.00	58.59 -0.35 0.00	61.92 0.25 0.00	67.09 0.33 0.00	75.45 -0.15 0.00	80.26 1.42 0.00	76.80 0.38 0.00	66.58 -0.13 0.00	59.38 -0.66 0.00	51.22 0.00 0.00	46.62 0.05 0.00
GELCKHM___115KV_LOAD 80723	46.18 -0.19 0.00	41.70 -0.04 0.00	36.23 -0.18 0.00	33.90 -0.20 0.00	33.48 -0.20 0.00	35.62 -0.18 0.00	38.81 -0.23 0.00	44.69 -0.32 0.00	48.10 -0.39 0.00	48.23 -0.39 0.00	46.26 -0.28 0.00	49.41 -0.15 0.00	51.59 -0.16 0.00	55.61 -0.11 0.00	58.77 -0.18 0.00	61.67 0.00 0.00	66.82 0.07 0.00	75.76 0.15 0.00	79.55 0.71 0.00	76.80 0.38 0.00	66.92 0.20 0.00	59.92 -0.12 0.00	51.12 -0.10 0.00	46.34 -0.23 0.00
GENERAL___MILLS 23808	46.31 -0.05 0.00	42.53 0.79 0.00	36.27 -0.15 0.00	34.11 0.00 0.00	33.62 -0.07 0.00	35.69 -0.11 0.00	38.34 -0.70 0.00	43.03 -1.98 0.00	46.60 -1.89 0.00	47.40 -1.22 0.00	45.80 -0.74 0.00	49.06 -0.50 0.00	51.59 -0.16 0.00	55.61 -0.11 0.00	58.42 -0.53 0.00	61.74 0.06 0.00	66.89 0.13 0.00	75.23 -0.38 0.00	80.03 1.18 0.00	76.57 0.15 0.00	66.38 -0.33 0.00	59.26 -0.78 0.00	51.12 -0.10 0.00	46.52 -0.05 0.00
GE_PLASTICS___DRP 24183	47.15 0.79 0.00	42.49 0.75 0.00	37.25 0.84 0.00	34.89 0.78 0.00	34.42 0.74 0.00	36.59 0.79 0.00	39.86 0.82 0.00	46.13 1.13 0.00	44.77 0.53 4.26	44.77 0.49 4.33	44.77 0.33 2.10	44.77 0.30 5.09	44.77 0.36 7.34	44.77 0.50 11.46	44.77 0.59 14.77	44.89 1.17 17.95	44.77 1.07 23.05	66.54 1.66 10.73	73.85 1.73 6.73	73.78 0.92 3.56	67.52 0.80 0.00	60.46 0.42 0.00	51.53 0.31 0.00	46.85 0.28 0.00
GILBOA___1 23756	47.98 1.62 0.00	43.32 1.59 0.00	37.87 1.46 0.00	35.47 1.37 0.00	35.13 1.45 0.00	37.20 1.39 0.00	40.61 1.56 0.00	46.86 1.85 0.00	50.09 1.60 0.00	50.17 1.56 0.00	47.99 1.44 0.00	51.09 1.54 0.00	53.40 1.66 0.00	57.56 1.84 0.00	60.95 2.01 0.00	64.20 2.53 0.00	69.50 2.74 0.00	78.63 3.03 0.00	82.00 3.16 0.00	78.79 2.37 0.00	68.92 2.20 0.00	61.78 1.74 0.00	52.71 1.49 0.00	47.87 1.30 0.00
GILBOA___2 23757	47.98 1.62 0.00	43.32 1.59 0.00	37.87 1.46 0.00	35.47 1.37 0.00	35.13 1.45 0.00	37.20 1.39 0.00	40.61 1.56 0.00	46.86 1.85 0.00	50.09 1.60 0.00	50.17 1.56 0.00	47.99 1.44 0.00	51.09 1.54 0.00	53.40 1.66 0.00	57.56 1.84 0.00	60.95 2.01 0.00	64.20 2.53 0.00	69.50 2.74 0.00	78.63 3.03 0.00	82.00 3.16 0.00	78.79 2.37 0.00	68.92 2.20 0.00	61.78 1.74 0.00	52.71 1.49 0.00	47.87 1.30 0.00
GILBOA___3 23758	47.98 1.62 0.00	43.32 1.59 0.00	37.87 1.46 0.00	35.47 1.37 0.00	35.13 1.45 0.00	37.20 1.39 0.00	40.61 1.56 0.00	46.86 1.85 0.00	50.09 1.60 0.00	50.17 1.56 0.00	47.99 1.44 0.00	51.09 1.54 0.00	53.40 1.66 0.00	57.56 1.84 0.00	60.95 2.01 0.00	64.20 2.53 0.00	69.50 2.74 0.00	78.63 3.03 0.00	82.00 3.16 0.00	78.79 2.37 0.00	68.92 2.20 0.00	61.78 1.74 0.00	52.71 1.49 0.00	47.87 1.30 0.00
GILBOA___4 23759	47.98 1.62 0.00	43.32 1.59 0.00	37.87 1.46 0.00	35.47 1.37 0.00	35.13 1.45 0.00	37.20 1.39 0.00	40.61 1.56 0.00	46.86 1.85 0.00	50.09 1.60 0.00	50.17 1.56 0.00	47.99 1.44 0.00	51.09 1.54 0.00	53.40 1.66 0.00	57.56 1.84 0.00	60.95 2.01 0.00	64.20 2.53 0.00	69.50 2.74 0.00	78.63 3.03 0.00	82.00 3.16 0.00	78.79 2.37 0.00	68.92 2.20 0.00	61.78 1.74 0.00	52.71 1.49 0.00	47.87 1.30 0.00

GILBOA____ 23599	47.98 1.62 0.00	43.32 1.59 0.00	37.87 1.46 0.00	35.47 1.36 0.00	35.00 1.31 0.00	37.20 1.40 0.00	40.61 1.56 0.00	46.85 1.85 0.00	50.04 1.55 0.00	50.17 1.56 0.00	47.98 1.44 0.00	51.09 1.54 0.00	53.40 1.66 0.00	57.56 1.84 0.00	60.95 2.00 0.00	64.33 2.65 0.00	69.49 2.74 0.00	78.63 3.02 0.00	82.08 3.23 0.00	78.71 2.29 0.00	68.92 2.20 0.00	61.78 1.74 0.00	52.71 1.49 0.00	47.88 1.30 0.00
GINNA____ 23603	44.65 -1.71 0.00	40.65 -1.09 0.00	34.99 -1.42 0.00	32.74 -1.37 0.00	32.24 -1.45 0.00	34.37 -1.43 0.00	37.25 -1.80 0.00	42.45 -2.56 0.00	45.87 -2.62 0.00	46.24 -2.38 0.00	44.63 -1.91 0.00	47.82 -1.74 0.00	50.04 -1.71 0.00	54.00 -1.73 0.00	56.88 -2.06 0.00	59.70 -1.98 0.00	64.89 -1.87 0.00	73.49 -2.12 0.00	77.58 -1.26 0.00	74.13 -2.29 0.00	64.98 -1.74 0.00	58.06 -1.98 0.00	49.53 -1.69 0.00	44.85 -1.72 0.00
GLEN PARK____ 23778	48.26 1.90 0.00	43.53 1.79 0.00	37.83 1.42 0.00	35.30 1.19 0.00	34.86 1.18 0.00	37.49 1.68 0.00	40.84 1.80 0.00	46.94 1.93 0.00	50.38 1.89 0.00	50.27 1.65 0.00	47.89 1.35 0.00	50.99 1.44 0.00	52.94 1.19 0.00	57.12 1.39 0.00	60.24 1.30 0.00	62.97 1.30 0.00	67.89 1.13 0.00	77.80 2.19 0.00	82.63 3.78 0.00	80.77 4.35 0.00	70.59 3.87 0.00	63.22 3.18 0.00	53.42 2.20 0.00	48.39 1.81 0.00
GLENDALE_27_KV_LOAD 356172	51.00 4.64 -0.01	46.04 4.30 -0.01	40.38 3.97 0.00	37.79 3.68 0.00	37.22 3.54 0.00	39.56 3.76 0.00	43.30 4.26 0.00	50.05 5.04 0.00	53.20 4.70 0.00	53.50 4.86 -0.02	51.30 4.75 -0.02	54.63 5.05 -0.02	56.87 5.12 0.00	60.96 5.24 0.00	64.19 5.25 0.00	68.52 6.85 0.00	74.97 8.21 0.00	85.89 9.15 -1.14	87.83 8.99 0.00	83.45 7.03 0.00	72.46 5.74 0.00	64.30 4.26 0.00	55.83 4.61 0.00	50.67 4.10 0.00
GLENWOOD_IC_1_G5 23712	50.76 4.40 0.00	46.05 4.30 -0.02	40.31 3.90 0.00	37.76 3.65 0.00	37.22 3.54 0.00	39.53 3.72 0.00	43.26 4.22 0.00	49.87 4.86 0.00	52.42 3.93 0.00	52.90 4.28 0.00	50.68 4.14 0.00	54.11 4.56 0.00	56.76 5.02 0.00	60.91 5.18 0.00	64.55 5.60 0.00	75.48 7.09 -6.71	80.79 8.41 -5.62	100.81 9.22 -15.98	89.82 9.38 -1.59	87.61 7.49 -3.70	72.73 6.00 -0.01	64.48 4.44 0.00	57.87 4.30 -2.35	50.21 3.63 -0.01
GLENWOOD_IC_2_G1 23688	50.67 4.31 0.00	45.72 3.97 -0.02	40.06 3.64 -0.01	37.49 3.38 -0.01	36.92 3.23 -0.01	39.28 3.47 -0.01	42.96 3.90 -0.01	49.60 4.59 0.00	52.61 4.12 0.00	52.75 4.13 0.00	50.49 3.95 0.00	53.77 4.21 0.00	56.35 4.60 0.00	60.69 4.96 -0.01	64.37 5.42 0.00	71.66 6.60 -3.39	77.74 8.14 -2.84	93.17 8.92 -8.64	88.72 9.06 -0.81	85.62 7.34 -1.87	72.52 5.80 0.00	64.37 4.33 0.00	56.41 4.05 -1.14	50.07 3.49 0.00
GLENWOOD_IC_3_G1 23689	50.67 4.31 0.00	45.72 3.97 -0.02	40.06 3.64 -0.01	37.49 3.38 -0.01	36.92 3.23 -0.01	39.28 3.47 -0.01	42.96 3.90 -0.01	49.60 4.59 0.00	52.61 4.12 0.00	52.75 4.13 0.00	50.49 3.95 0.00	53.77 4.21 0.00	56.35 4.60 0.00	60.69 4.96 -0.01	64.37 5.42 0.00	71.66 6.60 -3.39	77.74 8.14 -2.84	93.17 8.92 -8.64	88.72 9.06 -0.81	85.62 7.34 -1.87	72.52 5.80 0.00	64.37 4.33 0.00	56.41 4.05 -1.14	50.07 3.49 0.00
GLENWOOD____4 23550	50.76 4.40 0.00	46.05 4.30 -0.02	40.31 3.90 0.00	37.76 3.65 0.00	37.22 3.54 0.00	39.53 3.72 0.00	43.26 4.22 0.00	49.87 4.86 0.00	52.42 3.93 0.00	52.90 4.28 0.00	50.68 4.14 0.00	54.11 4.56 0.00	56.76 5.02 0.00	61.02 5.29 0.00	64.67 5.72 0.00	75.60 7.22 -6.71	80.99 8.61 -5.62	101.04 9.45 -15.98	89.98 9.54 -1.59	87.76 7.64 -3.70	72.86 6.14 -0.01	64.60 4.56 0.00	57.92 4.35 -2.35	50.21 3.63 -0.01
GLENWOOD____5 23614	50.76 4.40 0.00	46.05 4.30 -0.02	40.31 3.90 0.00	37.76 3.65 0.00	37.22 3.54 0.00	39.53 3.72 0.00	43.26 4.22 0.00	49.87 4.86 0.00	52.42 3.93 0.00	52.90 4.28 0.00	50.68 4.14 0.00	54.11 4.56 0.00	56.76 5.02 0.00	61.02 5.29 0.00	64.67 5.72 0.00	75.60 7.22 -6.71	80.99 8.61 -5.62	101.04 9.45 -15.98	89.98 9.54 -1.59	87.76 7.64 -3.70	72.86 6.14 -0.01	64.60 4.56 0.00	57.92 4.35 -2.35	50.21 3.63 -0.01
GLOBAL GREEN_PORT_GT1 23814	52.57 6.21 0.00	47.38 5.63 0.00	41.45 5.03 -0.01	38.85 4.74 -0.01	38.24 4.55 -0.01	40.54 4.73 -0.01	44.56 5.51 -0.01	51.40 6.39 0.00	54.31 5.82 0.00	54.30 5.69 0.00	51.86 5.44 0.12	55.68 6.24 0.12	58.47 6.98 0.26	69.52 8.03 -5.77	74.09 8.90 -6.24	72.90 9.74 -1.49	79.51 11.49 -1.26	93.22 13.15 -4.46	92.21 13.01 -0.37	88.02 10.78 -0.82	74.85 8.14 0.00	66.23 6.19 0.00	57.21 5.48 -0.51	51.37 4.93 0.14
GLOBE____DSASP 323697	44.78 -1.58 0.00	41.24 -0.50 0.00	35.06 -1.35 0.00	32.98 -1.13 0.00	32.47 -1.21 0.00	34.48 -1.32 0.00	37.01 -2.03 0.00	41.27 -3.74 0.00	44.76 -3.73 0.00	45.56 -3.06 0.00	44.03 -2.51 0.00	47.13 -2.43 0.00	49.47 -2.28 0.00	53.27 -2.45 0.00	55.94 -3.01 0.00	59.08 -2.59 0.00	64.02 -2.74 0.00	71.98 -3.63 0.00	76.56 -2.29 0.00	73.21 -3.21 0.00	63.58 -3.14 0.00	56.92 -3.12 0.00	49.28 -1.95 0.00	44.99 -1.58 0.00
GOETHSLN____LBMP 323567	50.25 3.89 0.00	45.37 3.63 0.00	39.80 3.39 0.00	37.24 3.14 0.00	36.71 3.03 0.00	38.99 3.19 0.00	42.71 3.67 0.00	49.28 4.28 0.00	52.42 3.93 0.00	52.71 4.08 -0.01	50.56 4.00 -0.01	53.78 4.21 -0.01	56.08 4.35 0.01	57.48 4.57 2.82	58.07 4.89 5.77	60.26 6.41 7.83	69.76 7.68 4.67	76.18 8.39 7.82	78.88 8.36 8.32	74.58 6.50 8.34	59.21 5.20 12.71	58.07 3.84 5.82	54.85 3.64 0.01	49.88 3.31 0.00
GOLAH____69_KV_TB 1_2 80279	47.15 0.79 0.00	42.99 1.25 0.00	36.78 0.36 0.00	34.41 0.31 0.00	34.02 0.34 0.00	36.16 0.36 0.00	39.04 0.00 0.00	44.24 -0.77 0.00	47.72 -0.78 0.00	48.28 -0.34 0.00	46.63 0.09 0.00	49.95 0.40 0.00	52.31 0.57 0.00	56.39 0.67 0.00	59.36 0.41 0.00	62.60 0.93 0.00	67.76 1.00 0.00	76.59 0.98 0.00	81.37 2.52 0.00	78.18 1.76 0.00	68.12 1.40 0.00	60.88 0.84 0.00	52.19 0.97 0.00	47.50 0.93 0.00
GOODYEAR_LAKE_HYD 323669	48.82 2.46 0.00	44.12 2.38 0.00	38.45 2.04 0.00	35.95 1.84 0.00	35.50 1.82 0.00	37.88 2.08 0.00	41.35 2.30 0.00	47.62 2.61 0.00	51.01 2.52 0.00	51.05 2.43 0.00	48.82 2.28 0.00	51.93 2.38 0.00	54.28 2.54 0.00	58.51 2.79 0.00	61.90 2.95 0.00	65.19 3.52 0.00	70.76 4.01 0.00	81.13 4.76 -0.76	84.36 5.52 0.00	81.23 4.81 0.00	70.92 4.20 0.00	63.46 3.42 0.00	53.99 2.77 0.00	48.90 2.33 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	47.01 0.65 0.00	42.61 0.88 0.00	36.99 0.58 0.00	34.65 0.55 0.00	34.19 0.51 0.00	36.37 0.57 0.00	39.55 0.51 0.00	45.41 0.41 0.00	48.78 0.29 0.00	49.01 0.39 0.00	47.05 0.51 0.00	50.25 0.69 0.00	52.57 0.83 0.00	56.73 1.00 0.00	59.89 0.94 0.00	63.09 1.42 0.00	68.43 1.67 0.00	77.50 1.89 0.00	81.52 2.68 0.00	78.41 1.99 0.00	68.39 1.67 0.00	61.12 1.08 0.00	52.19 0.97 0.00	47.27 0.70 0.00

GOUDEY___7 23579	47.01 0.65 0.00	42.61 0.88 0.00	36.99 0.58 0.00	34.65 0.55 0.00	34.19 0.51 0.00	36.37 0.57 0.00	39.55 0.51 0.00	45.41 0.41 0.00	48.78 0.29 0.00	49.01 0.39 0.00	47.05 0.51 0.00	50.25 0.69 0.00	52.57 0.83 0.00	56.73 1.00 0.00	59.89 0.94 0.00	63.09 1.42 0.00	68.43 1.67 0.00	77.50 1.89 0.00	81.52 2.68 0.00	78.41 1.99 0.00	68.39 1.67 0.00	61.12 1.08 0.00	52.19 0.97 0.00	47.27 0.70 0.00
GOUDEY___8 23580	47.01 0.65 0.00	42.61 0.88 0.00	36.99 0.58 0.00	34.65 0.55 0.00	34.19 0.51 0.00	36.37 0.57 0.00	39.55 0.51 0.00	45.41 0.41 0.00	48.78 0.29 0.00	49.01 0.39 0.00	47.05 0.51 0.00	50.25 0.69 0.00	52.57 0.83 0.00	56.73 1.00 0.00	59.89 0.94 0.00	63.09 1.42 0.00	68.43 1.67 0.00	77.50 1.89 0.00	81.52 2.68 0.00	78.41 1.99 0.00	68.39 1.67 0.00	61.12 1.08 0.00	52.19 0.97 0.00	47.27 0.70 0.00
GOWANUS_GT1_1 24077	51.00 4.64 -0.01	46.04 4.30 -0.01	40.38 3.97 0.00	37.79 3.68 0.00	37.22 3.54 0.00	39.53 3.72 0.00	43.22 4.18 0.00	49.87 4.86 0.00	52.90 4.41 0.00	53.25 4.62 -0.02	51.12 4.56 -0.02	54.43 4.86 -0.02	56.56 4.81 0.00	60.63 4.90 0.00	63.78 4.83 0.00	68.15 6.48 0.00	74.64 7.88 0.00	85.44 8.69 -1.14	87.36 8.52 0.00	82.99 6.57 0.00	72.12 5.40 0.00	63.94 3.90 0.00	55.63 4.41 0.00	50.67 4.10 0.00
GOWANUS_GT1_2 24078	51.00 4.64 -0.01	46.04 4.30 -0.01	40.38 3.97 0.00	37.79 3.68 0.00	37.22 3.54 0.00	39.53 3.72 0.00	43.22 4.18 0.00	49.87 4.86 0.00	52.90 4.41 0.00	53.25 4.62 -0.02	51.12 4.56 -0.02	54.43 4.86 -0.02	56.56 4.81 0.00	60.63 4.90 0.00	63.78 4.83 0.00	68.15 6.48 0.00	74.64 7.88 0.00	85.44 8.69 -1.14	87.36 8.52 0.00	82.99 6.57 0.00	72.12 5.40 0.00	63.94 3.90 0.00	55.63 4.41 0.00	50.67 4.10 0.00
GOWANUS_GT1_3 24079	51.00 4.64 -0.01	46.04 4.30 -0.01	40.38 3.97 0.00	37.79 3.68 0.00	37.22 3.54 0.00	39.53 3.72 0.00	43.22 4.18 0.00	49.87 4.86 0.00	52.90 4.41 0.00	53.25 4.62 -0.02	51.12 4.56 -0.02	54.43 4.86 -0.02	56.56 4.81 0.00	60.63 4.90 0.00	63.78 4.83 0.00	68.15 6.48 0.00	74.64 7.88 0.00	85.44 8.69 -1.14	87.36 8.52 0.00	82.99 6.57 0.00	72.12 5.40 0.00	63.94 3.90 0.00	55.63 4.41 0.00	50.67 4.10 0.00
GOWANUS_GT1_4 24080	51.00 4.64 -0.01	46.04 4.30 -0.01	40.38 3.97 0.00	37.79 3.68 0.00	37.22 3.54 0.00	39.53 3.72 0.00	43.22 4.18 0.00	49.87 4.86 0.00	52.90 4.41 0.00	53.25 4.62 -0.02	51.12 4.56 -0.02	54.43 4.86 -0.02	56.56 4.81 0.00	60.63 4.90 0.00	63.78 4.83 0.00	68.15 6.48 0.00	74.64 7.88 0.00	85.44 8.69 -1.14	87.36 8.52 0.00	82.99 6.57 0.00	72.12 5.40 0.00	63.94 3.90 0.00	55.63 4.41 0.00	50.67 4.10 0.00
GOWANUS_GT1_5 24084	51.00 4.64 -0.01	46.04 4.30 -0.01	40.38 3.97 0.00	37.79 3.68 0.00	37.22 3.54 0.00	39.53 3.72 0.00	43.22 4.18 0.00	49.87 4.86 0.00	52.90 4.41 0.00	53.25 4.62 -0.02	51.12 4.56 -0.02	54.43 4.86 -0.02	56.56 4.81 0.00	60.63 4.90 0.00	63.78 4.83 0.00	68.15 6.48 0.00	74.64 7.88 0.00	85.44 8.69 -1.14	87.36 8.52 0.00	82.99 6.57 0.00	72.12 5.40 0.00	63.94 3.90 0.00	55.63 4.41 0.00	50.67 4.10 0.00
GOWANUS_GT1_6 24111	51.00 4.64 -0.01	46.04 4.30 -0.01	40.38 3.97 0.00	37.79 3.68 0.00	37.22 3.54 0.00	39.53 3.72 0.00	43.22 4.18 0.00	49.87 4.86 0.00	52.90 4.41 0.00	53.25 4.62 -0.02	51.12 4.56 -0.02	54.43 4.86 -0.02	56.56 4.81 0.00	60.63 4.90 0.00	63.78 4.83 0.00	68.15 6.48 0.00	74.64 7.88 0.00	85.44 8.69 -1.14	87.36 8.52 0.00	82.99 6.57 0.00	72.12 5.40 0.00	63.94 3.90 0.00	55.63 4.41 0.00	50.67 4.10 0.00
GOWANUS_GT1_7 24112	51.00 4.64 -0.01	46.04 4.30 -0.01	40.38 3.97 0.00	37.79 3.68 0.00	37.22 3.54 0.00	39.53 3.72 0.00	43.22 4.18 0.00	49.87 4.86 0.00	52.90 4.41 0.00	53.25 4.62 -0.02	51.12 4.56 -0.02	54.43 4.86 -0.02	56.56 4.81 0.00	60.63 4.90 0.00	63.78 4.83 0.00	68.15 6.48 0.00	74.64 7.88 0.00	85.44 8.69 -1.14	87.36 8.52 0.00	82.99 6.57 0.00	72.12 5.40 0.00	63.94 3.90 0.00	55.63 4.41 0.00	50.67 4.10 0.00
GOWANUS_GT1_8 24113	51.00 4.64 -0.01	46.04 4.30 -0.01	40.38 3.97 0.00	37.79 3.68 0.00	37.22 3.54 0.00	39.53 3.72 0.00	43.22 4.18 0.00	49.87 4.86 0.00	52.90 4.41 0.00	53.25 4.62 -0.02	51.12 4.56 -0.02	54.43 4.86 -0.02	56.56 4.81 0.00	60.63 4.90 0.00	63.78 4.83 0.00	68.15 6.48 0.00	74.64 7.88 0.00	85.44 8.69 -1.14	87.36 8.52 0.00	82.99 6.57 0.00	72.12 5.40 0.00	63.94 3.90 0.00	55.63 4.41 0.00	50.67 4.10 0.00
GOWANUS_GT2_1 24114	51.05 4.68 -0.01	46.04 4.30 -0.01	40.39 3.97 -0.01	37.80 3.68 -0.01	37.19 3.50 -0.01	39.53 3.72 -0.01	43.19 4.14 -0.01	49.92 4.91 -0.01	53.05 4.56 0.00	53.30 4.67 -0.02	51.13 4.56 -0.02	54.43 4.86 -0.02	56.56 4.81 0.00	60.63 4.90 0.00	63.77 4.83 0.01	67.83 6.17 0.01	74.56 7.81 0.01	85.43 8.69 -1.13	87.35 8.52 0.01	83.14 6.73 0.01	72.11 5.40 0.01	63.93 3.90 0.01	55.63 4.41 0.00	50.68 4.10 -0.01
GOWANUS_GT2_2 24115	51.05 4.68 -0.01	46.04 4.30 -0.01	40.39 3.97 -0.01	37.80 3.68 -0.01	37.19 3.50 -0.01	39.53 3.72 -0.01	43.19 4.14 -0.01	49.92 4.91 -0.01	53.05 4.56 0.00	53.30 4.67 -0.02	51.13 4.56 -0.02	54.43 4.86 -0.02	56.56 4.81 0.00	60.63 4.90 0.00	63.77 4.83 0.01	67.83 6.17 0.01	74.56 7.81 0.01	85.43 8.69 -1.13	87.35 8.52 0.01	83.14 6.73 0.01	72.11 5.40 0.01	63.93 3.90 0.01	55.63 4.41 0.00	50.68 4.10 -0.01
GOWANUS_GT2_3 24116	51.05 4.68 -0.01	46.04 4.30 -0.01	40.39 3.97 -0.01	37.80 3.68 -0.01	37.19 3.50 -0.01	39.53 3.72 -0.01	43.19 4.14 -0.01	49.92 4.91 -0.01	53.05 4.56 0.00	53.30 4.67 -0.02	51.13 4.56 -0.02	54.43 4.86 -0.02	56.56 4.81 0.00	60.63 4.90 0.00	63.77 4.83 0.01	67.83 6.17 0.01	74.56 7.81 0.01	85.43 8.69 -1.13	87.35 8.52 0.01	83.14 6.73 0.01	72.11 5.40 0.01	63.93 3.90 0.01	55.63 4.41 0.00	50.68 4.10 -0.01
GOWANUS_GT2_4 24117	51.05 4.68 -0.01	46.04 4.30 -0.01	40.39 3.97 -0.01	37.80 3.68 -0.01	37.19 3.50 -0.01	39.53 3.72 -0.01	43.19 4.14 -0.01	49.92 4.91 -0.01	53.05 4.56 0.00	53.30 4.67 -0.02	51.13 4.56 -0.02	54.43 4.86 -0.02	56.56 4.81 0.00	60.63 4.90 0.00	63.77 4.83 0.01	67.83 6.17 0.01	74.56 7.81 0.01	85.43 8.69 -1.13	87.35 8.52 0.01	83.14 6.73 0.01	72.11 5.40 0.01	63.93 3.90 0.01	55.63 4.41 0.00	50.68 4.10 -0.01
GOWANUS_GT2_5 24118	51.05 4.68 -0.01	46.04 4.30 -0.01	40.39 3.97 -0.01	37.80 3.68 -0.01	37.19 3.50 -0.01	39.53 3.72 -0.01	43.19 4.14 -0.01	49.92 4.91 -0.01	53.05 4.56 0.00	53.30 4.67 -0.02	51.13 4.56 -0.02	54.43 4.86 -0.02	56.56 4.81 0.00	60.63 4.90 0.00	63.77 4.83 0.01	67.83 6.17 0.01	74.56 7.81 0.01	85.43 8.69 -1.13	87.35 8.52 0.01	83.14 6.73 0.01	72.11 5.40 0.01	63.93 3.90 0.01	55.63 4.41 0.00	50.68 4.10 -0.01

GOWANUS_GT2_6 24119	51.05 4.68 -0.01	46.04 4.30 -0.01	40.39 3.97 -0.01	37.80 3.68 -0.01	37.19 3.50 -0.01	39.53 3.72 -0.01	43.19 4.14 -0.01	49.92 4.91 -0.01	53.05 4.56 0.00	53.30 4.67 -0.02	51.13 4.56 -0.02	54.43 4.86 -0.02	56.56 4.81 0.00	60.63 4.90 0.00	63.77 4.83 0.01	67.83 6.17 0.01	74.56 7.81 0.01	85.43 8.69 -1.13	87.35 8.52 0.01	83.14 6.73 0.01	72.11 5.40 0.01	63.93 3.90 0.01	55.63 4.41 0.00	50.68 4.10 -0.01
GOWANUS_GT2_7 24120	51.05 4.68 -0.01	46.04 4.30 -0.01	40.39 3.97 -0.01	37.80 3.68 -0.01	37.19 3.50 -0.01	39.53 3.72 -0.01	43.19 4.14 -0.01	49.92 4.91 -0.01	53.05 4.56 0.00	53.30 4.67 -0.02	51.13 4.56 -0.02	54.43 4.86 -0.02	56.56 4.81 0.00	60.63 4.90 0.00	63.77 4.83 0.01	67.83 6.17 0.01	74.56 7.81 0.01	85.43 8.69 -1.13	87.35 8.52 0.01	83.14 6.73 0.01	72.11 5.40 0.01	63.93 3.90 0.01	55.63 4.41 0.00	50.68 4.10 -0.01
GOWANUS_GT2_8 24121	51.05 4.68 -0.01	46.04 4.30 -0.01	40.39 3.97 -0.01	37.80 3.68 -0.01	37.19 3.50 -0.01	39.53 3.72 -0.01	43.19 4.14 -0.01	49.92 4.91 -0.01	53.05 4.56 0.00	53.30 4.67 -0.02	51.13 4.56 -0.02	54.43 4.86 -0.02	56.56 4.81 0.00	60.63 4.90 0.00	63.77 4.83 0.01	67.83 6.17 0.01	74.56 7.81 0.01	85.43 8.69 -1.13	87.35 8.52 0.01	83.14 6.73 0.01	72.11 5.40 0.01	63.93 3.90 0.01	55.63 4.41 0.00	50.68 4.10 -0.01
GOWANUS_GT3_1 24122	51.05 4.68 -0.01	46.04 4.30 -0.01	40.39 3.97 -0.01	37.80 3.68 -0.01	37.19 3.50 -0.01	39.53 3.72 -0.01	43.19 4.14 -0.01	49.92 4.91 -0.01	53.05 4.56 0.00	53.30 4.67 -0.02	51.13 4.56 -0.02	54.43 4.86 -0.02	56.56 4.81 0.00	60.63 4.90 0.00	63.77 4.83 0.01	67.84 6.17 0.00	74.57 7.81 0.00	85.44 8.69 -1.14	87.36 8.52 0.00	83.14 6.73 0.01	72.11 5.40 0.01	63.93 3.90 0.01	55.63 4.41 0.00	50.68 4.10 -0.01
GOWANUS_GT3_2 24123	51.05 4.68 -0.01	46.04 4.30 -0.01	40.39 3.97 -0.01	37.80 3.68 -0.01	37.19 3.50 -0.01	39.53 3.72 -0.01	43.19 4.14 -0.01	49.92 4.91 -0.01	53.05 4.56 0.00	53.30 4.67 -0.02	51.13 4.56 -0.02	54.43 4.86 -0.02	56.56 4.81 0.00	60.63 4.90 0.00	63.77 4.83 0.01	67.84 6.17 0.00	74.57 7.81 0.00	85.44 8.69 -1.14	87.36 8.52 0.00	83.14 6.73 0.01	72.11 5.40 0.01	63.93 3.90 0.01	55.63 4.41 0.00	50.68 4.10 -0.01
GOWANUS_GT3_3 24124	51.05 4.68 -0.01	46.04 4.30 -0.01	40.39 3.97 -0.01	37.80 3.68 -0.01	37.19 3.50 -0.01	39.53 3.72 -0.01	43.19 4.14 -0.01	49.92 4.91 -0.01	53.05 4.56 0.00	53.30 4.67 -0.02	51.13 4.56 -0.02	54.43 4.86 -0.02	56.56 4.81 0.00	60.63 4.90 0.00	63.77 4.83 0.01	67.84 6.17 0.00	74.57 7.81 0.00	85.44 8.69 -1.14	87.36 8.52 0.00	83.14 6.73 0.01	72.11 5.40 0.01	63.93 3.90 0.01	55.63 4.41 0.00	50.68 4.10 -0.01
GOWANUS_GT3_4 24125	51.05 4.68 -0.01	46.04 4.30 -0.01	40.39 3.97 -0.01	37.80 3.68 -0.01	37.19 3.50 -0.01	39.53 3.72 -0.01	43.19 4.14 -0.01	49.92 4.91 -0.01	53.05 4.56 0.00	53.30 4.67 -0.02	51.13 4.56 -0.02	54.43 4.86 -0.02	56.56 4.81 0.00	60.63 4.90 0.00	63.77 4.83 0.01	67.84 6.17 0.00	74.57 7.81 0.00	85.44 8.69 -1.14	87.36 8.52 0.00	83.14 6.73 0.01	72.11 5.40 0.01	63.93 3.90 0.01	55.63 4.41 0.00	50.68 4.10 -0.01
GOWANUS_GT3_5 24126	51.05 4.68 -0.01	46.04 4.30 -0.01	40.39 3.97 -0.01	37.80 3.68 -0.01	37.19 3.50 -0.01	39.53 3.72 -0.01	43.19 4.14 -0.01	49.92 4.91 -0.01	53.05 4.56 0.00	53.30 4.67 -0.02	51.13 4.56 -0.02	54.43 4.86 -0.02	56.56 4.81 0.00	60.63 4.90 0.00	63.77 4.83 0.01	67.84 6.17 0.00	74.57 7.81 0.00	85.44 8.69 -1.14	87.36 8.52 0.00	83.14 6.73 0.01	72.11 5.40 0.01	63.93 3.90 0.01	55.63 4.41 0.00	50.68 4.10 -0.01
GOWANUS_GT3_6 24127	51.05 4.68 -0.01	46.04 4.30 -0.01	40.39 3.97 -0.01	37.80 3.68 -0.01	37.19 3.50 -0.01	39.53 3.72 -0.01	43.19 4.14 -0.01	49.92 4.91 -0.01	53.05 4.56 0.00	53.30 4.67 -0.02	51.13 4.56 -0.02	54.43 4.86 -0.02	56.56 4.81 0.00	60.63 4.90 0.00	63.77 4.83 0.01	67.84 6.17 0.00	74.57 7.81 0.00	85.44 8.69 -1.14	87.36 8.52 0.00	83.14 6.73 0.01	72.11 5.40 0.01	63.93 3.90 0.01	55.63 4.41 0.00	50.68 4.10 -0.01
GOWANUS_GT3_7 24128	51.05 4.68 -0.01	46.04 4.30 -0.01	40.39 3.97 -0.01	37.80 3.68 -0.01	37.19 3.50 -0.01	39.53 3.72 -0.01	43.19 4.14 -0.01	49.92 4.91 -0.01	53.05 4.56 0.00	53.30 4.67 -0.02	51.13 4.56 -0.02	54.43 4.86 -0.02	56.56 4.81 0.00	60.63 4.90 0.00	63.77 4.83 0.01	67.84 6.17 0.00	74.57 7.81 0.00	85.44 8.69 -1.14	87.36 8.52 0.00	83.14 6.73 0.01	72.11 5.40 0.01	63.93 3.90 0.01	55.63 4.41 0.00	50.68 4.10 -0.01
GOWANUS_GT3_8 24129	51.05 4.68 -0.01	46.04 4.30 -0.01	40.39 3.97 -0.01	37.80 3.68 -0.01	37.19 3.50 -0.01	39.53 3.72 -0.01	43.19 4.14 -0.01	49.92 4.91 -0.01	53.05 4.56 0.00	53.30 4.67 -0.02	51.13 4.56 -0.02	54.43 4.86 -0.02	56.56 4.81 0.00	60.63 4.90 0.00	63.77 4.83 0.01	67.84 6.17 0.00	74.57 7.81 0.00	85.44 8.69 -1.14	87.36 8.52 0.00	83.14 6.73 0.01	72.11 5.40 0.01	63.93 3.90 0.01	55.63 4.41 0.00	50.68 4.10 -0.01
GOWANUS_GT4_1 24130	51.00 4.64 -0.01	46.04 4.30 -0.01	40.38 3.97 0.00	37.79 3.68 0.00	37.22 3.54 0.00	39.53 3.72 0.00	43.22 4.18 0.00	49.87 4.86 0.00	52.90 4.41 0.00	53.25 4.62 -0.02	51.12 4.56 -0.02	54.43 4.86 -0.02	56.56 4.81 0.00	60.63 4.90 0.00	63.78 4.83 0.00	68.14 6.48 0.01	74.63 7.88 0.01	85.43 8.69 -1.13	87.35 8.52 0.01	82.99 6.57 0.00	72.12 5.40 0.00	63.94 3.90 0.00	55.63 4.41 0.00	50.67 4.10 0.00
GOWANUS_GT4_2 24131	51.00 4.64 -0.01	46.04 4.30 -0.01	40.38 3.97 0.00	37.79 3.68 0.00	37.22 3.54 0.00	39.53 3.72 0.00	43.22 4.18 0.00	49.87 4.86 0.00	52.90 4.41 0.00	53.25 4.62 -0.02	51.12 4.56 -0.02	54.43 4.86 -0.02	56.56 4.81 0.00	60.63 4.90 0.00	63.78 4.83 0.00	68.14 6.48 0.01	74.63 7.88 0.01	85.43 8.69 -1.13	87.35 8.52 0.01	82.99 6.57 0.00	72.12 5.40 0.00	63.94 3.90 0.00	55.63 4.41 0.00	50.67 4.10 0.00
GOWANUS_GT4_3 24132	51.00 4.64 -0.01	46.04 4.30 -0.01	40.38 3.97 0.00	37.79 3.68 0.00	37.22 3.54 0.00	39.53 3.72 0.00	43.22 4.18 0.00	49.87 4.86 0.00	52.90 4.41 0.00	53.25 4.62 -0.02	51.12 4.56 -0.02	54.43 4.86 -0.02	56.56 4.81 0.00	60.63 4.90 0.00	63.78 4.83 0.00	68.14 6.48 0.01	74.63 7.88 0.01	85.43 8.69 -1.13	87.35 8.52 0.01	82.99 6.57 0.00	72.12 5.40 0.00	63.94 3.90 0.00	55.63 4.41 0.00	50.67 4.10 0.00
GOWANUS_GT4_4 24133	51.00 4.64 -0.01	46.04 4.30 -0.01	40.38 3.97 0.00	37.79 3.68 0.00	37.22 3.54 0.00	39.53 3.72 0.00	43.22 4.18 0.00	49.87 4.86 0.00	52.90 4.41 0.00	53.25 4.62 -0.02	51.12 4.56 -0.02	54.43 4.86 -0.02	56.56 4.81 0.00	60.63 4.90 0.00	63.78 4.83 0.00	68.14 6.48 0.01	74.63 7.88 0.01	85.43 8.69 -1.13	87.35 8.52 0.01	82.99 6.57 0.00	72.12 5.40 0.00	63.94 3.90 0.00	55.63 4.41 0.00	50.67 4.10 0.00

GOWANUS_GT4_5 24134	51.00 4.64 -0.01	46.04 4.30 -0.01	40.38 3.97 0.00	37.79 3.68 0.00	37.22 3.54 0.00	39.53 3.72 0.00	43.22 4.18 0.00	49.87 4.86 0.00	52.90 4.41 0.00	53.25 4.62 -0.02	51.12 4.56 -0.02	54.43 4.86 -0.02	56.56 4.81 0.00	60.63 4.90 0.00	63.78 4.83 0.00	68.14 6.48 0.01	74.63 7.88 0.01	85.43 8.69 -1.13	87.35 8.52 0.01	82.99 6.57 0.00	72.12 5.40 0.00	63.94 3.90 0.00	55.63 4.41 0.00	50.67 4.10 0.00
GOWANUS_GT4_6 24135	51.00 4.64 -0.01	46.04 4.30 -0.01	40.38 3.97 0.00	37.79 3.68 0.00	37.22 3.54 0.00	39.53 3.72 0.00	43.22 4.18 0.00	49.87 4.86 0.00	52.90 4.41 0.00	53.25 4.62 -0.02	51.12 4.56 -0.02	54.43 4.86 -0.02	56.56 4.81 0.00	60.63 4.90 0.00	63.78 4.83 0.00	68.14 6.48 0.01	74.63 7.88 0.01	85.43 8.69 -1.13	87.35 8.52 0.01	82.99 6.57 0.00	72.12 5.40 0.00	63.94 3.90 0.00	55.63 4.41 0.00	50.67 4.10 0.00
GOWANUS_GT4_7 24136	51.00 4.64 -0.01	46.04 4.30 -0.01	40.38 3.97 0.00	37.79 3.68 0.00	37.22 3.54 0.00	39.53 3.72 0.00	43.22 4.18 0.00	49.87 4.86 0.00	52.90 4.41 0.00	53.25 4.62 -0.02	51.12 4.56 -0.02	54.43 4.86 -0.02	56.56 4.81 0.00	60.63 4.90 0.00	63.78 4.83 0.00	68.14 6.48 0.01	74.63 7.88 0.01	85.43 8.69 -1.13	87.35 8.52 0.01	82.99 6.57 0.00	72.12 5.40 0.00	63.94 3.90 0.00	55.63 4.41 0.00	50.67 4.10 0.00
GOWANUS_GT4_8 24137	51.00 4.64 -0.01	46.04 4.30 -0.01	40.38 3.97 0.00	37.79 3.68 0.00	37.22 3.54 0.00	39.53 3.72 0.00	43.22 4.18 0.00	49.87 4.86 0.00	52.90 4.41 0.00	53.25 4.62 -0.02	51.12 4.56 -0.02	54.43 4.86 -0.02	56.56 4.81 0.00	60.63 4.90 0.00	63.78 4.83 0.00	68.14 6.48 0.01	74.63 7.88 0.01	85.43 8.69 -1.13	87.35 8.52 0.01	82.99 6.57 0.00	72.12 5.40 0.00	63.94 3.90 0.00	55.63 4.41 0.00	50.67 4.10 0.00
GREATVRV_69_KV_BK1 356245	51.88 5.52 0.00	47.43 5.68 -0.02	41.44 5.02 0.00	38.75 4.64 0.00	38.20 4.51 0.00	40.49 4.69 0.00	44.43 5.39 0.00	51.00 5.99 0.00	52.66 4.17 0.00	53.38 4.76 0.00	50.74 4.33 0.13	54.42 4.96 0.09	57.18 5.59 0.15	82.95 6.46 -20.76	88.47 7.01 -22.50	72.33 8.70 -1.96	78.77 10.35 -1.67	92.76 11.64 -5.51	91.24 11.91 -0.49	87.30 9.78 -1.09	74.45 7.74 0.00	65.88 5.82 -0.01	57.12 5.22 -0.68	50.43 4.01 0.15
GREENBSH_115KV_TB3 55895	47.20 0.83 0.00	42.53 0.79 0.00	37.28 0.87 0.00	34.96 0.85 0.00	34.49 0.81 0.00	36.66 0.86 0.00	39.90 0.86 0.00	46.27 1.26 0.00	49.22 0.73 0.00	49.25 0.63 0.00	46.91 0.37 0.00	49.90 0.35 0.00	52.16 0.41 0.00	56.34 0.61 0.00	59.66 0.71 0.00	63.03 1.36 0.00	67.96 1.20 0.00	59.00 1.97 18.57	80.89 2.05 0.00	77.64 1.22 0.00	67.72 1.00 0.00	60.70 0.66 0.00	51.68 0.46 0.00	47.04 0.47 0.00
GREENDGE_115KV_TB5 80291	47.06 0.70 0.00	42.78 1.04 0.00	36.88 0.47 0.00	34.58 0.48 0.00	34.15 0.47 0.00	36.34 0.54 0.00	39.51 0.47 0.00	45.10 0.09 0.00	48.54 0.05 0.00	48.76 0.15 0.00	46.87 0.33 0.00	49.80 0.25 0.00	52.11 0.36 0.00	56.23 0.50 0.00	59.36 0.41 0.00	62.48 0.80 0.00	67.83 1.07 0.00	77.04 1.44 0.00	81.68 2.84 0.00	78.79 2.37 0.00	68.59 1.87 0.00	61.12 1.08 0.00	52.14 0.92 0.00	47.50 0.93 0.00
GREENIDGE___3 23582	47.06 0.70 0.00	42.78 1.04 0.00	36.88 0.47 0.00	34.58 0.48 0.00	34.15 0.47 0.00	36.34 0.54 0.00	39.51 0.47 0.00	45.10 0.09 0.00	48.54 0.05 0.00	48.76 0.15 0.00	46.87 0.33 0.00	49.80 0.25 0.00	52.11 0.36 0.00	56.23 0.50 0.00	59.36 0.41 0.00	62.48 0.80 0.00	67.83 1.07 0.00	77.04 1.44 0.00	81.68 2.84 0.00	78.79 2.37 0.00	68.59 1.87 0.00	61.12 1.08 0.00	52.14 0.92 0.00	47.50 0.93 0.00
GREENIDGE___4 23583	46.92 0.56 0.00	42.74 1.00 0.00	36.88 0.47 0.00	34.58 0.48 0.00	34.02 0.34 0.00	36.34 0.54 0.00	39.51 0.47 0.00	45.05 0.05 0.00	48.49 0.00 0.00	48.67 0.05 0.00	46.82 0.28 0.00	49.81 0.25 0.00	52.11 0.36 0.00	56.23 0.50 0.00	59.30 0.36 0.00	62.23 0.55 0.00	67.82 1.06 0.00	77.04 1.43 0.00	81.68 2.83 0.00	78.48 2.06 0.00	68.58 1.87 0.00	61.12 1.08 0.00	52.09 0.87 0.00	47.31 0.74 0.00
GREENLWN_69_KV_BK 3 55738	50.02 3.66 0.00	46.01 4.26 -0.02	40.27 3.86 0.00	37.69 3.58 0.00	37.15 3.47 0.00	39.45 3.65 0.00	43.18 4.14 0.00	49.51 4.50 0.00	51.06 2.57 0.00	51.63 3.01 0.00	48.91 2.70 0.33	52.36 3.17 0.37	54.56 3.67 0.86	56.94 4.35 3.13	60.33 4.77 3.39	69.72 6.29 -1.75	75.85 7.61 -1.48	89.04 8.39 -5.04	87.70 8.44 -0.42	83.96 6.57 -0.96	71.72 5.00 0.00	63.52 3.48 0.00	55.31 3.48 -0.60	48.62 2.42 0.37
GREENWD_138_KV_38B11_REV_LBMP_J 345004	51.00 4.64 -0.01	46.04 4.30 -0.01	40.38 3.97 0.00	37.79 3.68 0.00	37.22 3.54 0.00	39.53 3.72 0.00	43.22 4.18 0.00	49.87 4.86 0.00	52.90 4.41 0.00	53.25 4.62 -0.02	51.12 4.56 -0.02	54.43 4.86 -0.02	56.56 4.81 0.00	60.63 4.90 0.00	63.78 4.83 0.00	68.15 6.48 0.00	74.64 7.88 0.00	85.44 8.69 -1.14	87.36 8.52 0.00	82.99 6.57 0.00	72.12 5.40 0.00	63.94 3.90 0.00	55.63 4.41 0.00	50.67 4.10 0.00
GRISSOM___SOLAR 323813	50.21 3.85 0.00	45.24 3.51 0.00	39.36 2.95 0.00	36.73 2.63 0.00	36.34 2.66 0.00	38.81 3.01 0.00	42.32 3.28 0.00	48.74 3.73 0.00	51.88 3.39 0.00	51.73 3.11 0.00	49.01 2.46 0.00	51.89 2.33 0.00	54.33 2.59 0.00	58.51 2.79 0.00	62.01 3.06 0.00	65.00 3.33 0.00	70.56 3.80 0.00	83.01 5.14 -2.26	85.31 6.47 0.00	83.07 6.65 0.00	72.72 6.01 0.00	65.33 5.28 0.00	55.42 4.20 0.00	50.21 3.63 0.00
GROVEVILLE___HYD 323602	50.12 3.76 0.00	45.28 3.55 0.00	39.65 3.24 0.00	37.07 2.97 0.00	36.55 2.86 0.00	38.92 3.11 0.00	42.52 3.47 0.00	49.01 4.01 0.00	52.18 3.69 0.00	52.41 3.79 0.00	50.17 3.63 0.00	53.42 3.87 0.00	56.04 4.29 0.00	60.35 4.63 0.00	64.02 5.07 0.00	67.96 6.29 0.00	74.30 7.54 0.00	84.93 8.39 -0.93	87.59 8.75 0.00	83.37 6.95 0.00	72.39 5.67 0.00	64.30 4.26 0.00	54.91 3.69 0.00	49.78 3.21 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	46.50 0.14 0.00	41.99 0.25 0.00	36.45 0.04 0.00	34.14 0.03 0.00	33.72 0.03 0.00	35.84 0.04 0.00	39.08 0.04 0.00	45.01 0.00 0.00	48.44 -0.05 0.00	48.57 -0.05 0.00	46.54 0.00 0.00	49.70 0.15 0.00	51.85 0.10 0.00	55.95 0.22 0.00	59.12 0.18 0.00	62.04 0.37 0.00	67.22 0.47 0.00	76.29 0.68 0.00	80.10 1.26 0.00	77.34 0.92 0.00	67.45 0.73 0.00	60.34 0.30 0.00	51.48 0.26 0.00	46.66 0.09 0.00
HAMLTNNY_34_KV_TB 80303	46.64 0.28 0.00	42.15 0.42 0.00	36.56 0.15 0.00	34.21 0.10 0.00	33.82 0.13 0.00	35.95 0.14 0.00	39.16 0.12 0.00	45.01 0.00 0.00	48.49 0.00 0.00	48.62 0.00 0.00	46.68 0.14 0.00	49.85 0.30 0.00	52.06 0.31 0.00	56.12 0.39 0.00	59.36 0.41 0.00	62.29 0.62 0.00	67.49 0.73 0.00	76.59 0.98 0.00	80.58 1.73 0.00	77.72 1.30 0.00	67.79 1.07 0.00	60.58 0.54 0.00	51.68 0.46 0.00	46.85 0.28 0.00

HAMPSHIRE___PAPER_HYD 323593	46.78 0.42 0.00	42.07 0.33 0.00	36.67 0.26 0.00	34.31 0.21 0.00	33.95 0.27 0.00	36.23 0.43 0.00	39.55 0.51 0.00	45.55 0.54 0.00	49.22 0.73 0.00	49.39 0.78 0.00	47.19 0.65 0.00	50.20 0.64 0.00	52.06 0.31 0.00	56.01 0.28 0.00	59.18 0.24 0.00	61.61 -0.06 0.00	66.09 -0.67 0.00	75.00 -0.61 0.00	78.69 -0.16 0.00	77.03 0.61 0.00	67.38 0.67 0.00	60.82 0.78 0.00	51.84 0.62 0.00	47.36 0.79 0.00
HARDSCRABBLE_WT_PWR 323673	46.50 0.14 0.00	41.86 0.13 0.00	36.48 0.07 0.00	34.14 0.03 0.00	33.75 0.07 0.00	35.98 0.18 0.00	39.24 0.20 0.00	45.28 0.27 0.00	48.59 0.10 0.00	48.67 0.05 0.00	46.45 -0.09 0.00	49.46 -0.10 0.00	51.59 -0.15 0.00	55.61 -0.11 0.00	58.83 -0.12 0.00	61.61 -0.06 0.00	66.76 0.00 0.00	75.83 0.23 0.00	79.40 0.56 0.00	76.80 0.38 0.00	67.05 0.34 0.00	60.40 0.36 0.00	51.48 0.26 0.00	46.76 0.19 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	49.84 3.48 0.00	45.03 3.30 0.00	39.47 3.06 0.00	36.94 2.83 0.00	36.41 2.73 0.00	38.74 2.94 0.00	42.32 3.28 0.00	48.79 3.78 0.00	51.93 3.44 0.00	52.17 3.55 0.00	50.03 3.49 0.00	53.27 3.72 0.00	55.83 4.09 0.00	60.18 4.46 0.00	63.78 4.83 0.00	67.78 6.11 0.00	74.10 7.34 0.00	84.69 8.09 -0.99	87.20 8.36 0.00	82.92 6.50 0.00	71.99 5.27 0.00	63.94 3.90 0.00	54.65 3.43 0.00	49.55 2.98 0.00
HARSNRAD_115KV_TB1 81005	46.04 -0.32 0.00	42.32 0.58 0.00	36.01 -0.40 0.00	33.90 -0.20 0.00	33.45 -0.24 0.00	35.44 -0.36 0.00	37.91 -1.13 0.00	42.31 -2.70 0.00	45.87 -2.62 0.00	46.62 -1.99 0.00	44.77 -1.77 0.00	47.97 -1.59 0.00	50.35 -1.40 0.00	54.28 -1.45 0.00	56.94 -2.00 0.00	60.19 -1.48 0.00	65.16 -1.60 0.00	73.41 -2.19 0.00	78.13 -0.71 0.00	74.74 -1.68 0.00	64.92 -1.80 0.00	58.06 -1.98 0.00	50.15 -1.08 0.00	45.83 -0.75 0.00
HARZA MOOSE___RIVER 24016	47.38 1.02 0.00	42.70 0.96 0.00	37.18 0.76 0.00	34.75 0.65 0.00	34.36 0.67 0.00	36.73 0.93 0.00	40.02 0.98 0.00	46.18 1.17 0.00	49.61 1.12 0.00	49.88 1.26 0.00	47.61 1.07 0.00	50.70 1.14 0.00	52.78 1.03 0.00	56.95 1.23 0.00	60.24 1.30 0.00	63.09 1.42 0.00	67.76 1.00 0.00	77.27 1.66 0.00	81.29 2.44 0.00	78.94 2.52 0.00	68.85 2.13 0.00	61.84 1.80 0.00	52.45 1.23 0.00	47.55 0.98 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	46.18 -0.19 0.00	41.70 -0.04 0.00	36.23 -0.18 0.00	33.94 -0.17 0.00	33.51 -0.17 0.00	35.62 -0.18 0.00	38.85 -0.20 0.00	44.69 -0.32 0.00	48.15 -0.34 0.00	48.28 -0.34 0.00	46.31 -0.23 0.00	49.46 -0.10 0.00	51.64 -0.10 0.00	55.67 -0.06 0.00	58.89 -0.06 0.00	61.80 0.12 0.00	66.96 0.20 0.00	75.91 0.30 0.00	79.63 0.79 0.00	76.88 0.46 0.00	67.05 0.33 0.00	59.98 -0.06 0.00	51.17 -0.05 0.00	46.39 -0.19 0.00
HELLGATE_13_KV_LD 55870	51.00 4.64 -0.01	46.09 4.34 -0.01	40.38 3.97 0.00	37.79 3.68 0.00	37.22 3.54 0.00	39.56 3.76 0.00	43.30 4.26 0.00	50.00 5.00 0.00	53.15 4.66 0.00	53.45 4.81 -0.02	51.26 4.70 -0.02	54.58 5.01 -0.02	56.82 5.07 0.00	60.91 5.18 0.00	64.02 5.07 0.00	68.40 6.72 0.00	74.90 8.14 0.00	85.74 9.00 -1.14	87.75 8.91 0.00	83.37 6.95 0.00	72.39 5.67 0.00	64.24 4.20 0.00	55.78 4.56 0.00	50.53 3.96 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	51.00 4.64 -0.01	46.09 4.34 -0.01	40.38 3.97 0.00	37.79 3.68 0.00	37.22 3.54 0.00	39.56 3.76 0.00	43.30 4.26 0.00	50.00 5.00 0.00	53.15 4.66 0.00	53.45 4.81 -0.02	51.26 4.70 -0.02	54.58 5.01 -0.02	56.82 5.07 0.00	60.91 5.18 0.00	64.02 5.07 0.00	68.40 6.72 0.00	74.90 8.14 0.00	85.74 9.00 -1.14	87.75 8.91 0.00	83.37 6.95 0.00	72.39 5.67 0.00	64.24 4.20 0.00	55.78 4.56 0.00	50.53 3.96 0.00
HEMPSTEAD___ 23647	51.14 4.78 0.00	46.09 4.34 -0.02	40.35 3.93 -0.01	37.80 3.68 -0.01	37.23 3.54 -0.01	39.57 3.76 -0.01	43.31 4.26 -0.01	49.96 4.95 0.00	52.71 4.22 0.00	52.75 4.13 0.00	50.40 3.86 0.00	53.77 4.21 0.00	56.40 4.66 0.00	60.86 5.12 -0.01	64.66 5.72 0.00	76.03 6.84 -7.51	81.45 8.41 -6.28	102.64 9.30 -17.74	90.08 9.46 -1.78	88.28 7.72 -4.14	72.80 6.07 -0.01	64.48 4.44 0.00	58.26 4.30 -2.73	50.22 3.63 -0.01
HICKLING___1 23621	46.92 0.56 0.00	42.74 1.00 0.00	36.92 0.51 0.00	34.62 0.51 0.00	34.15 0.47 0.00	36.34 0.54 0.00	39.40 0.35 0.00	44.87 -0.14 0.00	48.35 -0.15 0.00	48.67 0.05 0.00	46.87 0.33 0.00	50.10 0.55 0.00	52.52 0.78 0.00	56.67 0.95 0.00	59.77 0.83 0.00	62.97 1.30 0.00	68.36 1.60 0.00	77.42 1.81 0.00	82.00 3.15 0.00	78.94 2.52 0.00	68.72 2.00 0.00	61.30 1.26 0.00	52.35 1.13 0.00	47.41 0.84 0.00
HICKLING___2 23622	46.92 0.56 0.00	42.74 1.00 0.00	36.92 0.51 0.00	34.62 0.51 0.00	34.15 0.47 0.00	36.34 0.54 0.00	39.40 0.35 0.00	44.87 -0.14 0.00	48.35 -0.15 0.00	48.67 0.05 0.00	46.87 0.33 0.00	50.10 0.55 0.00	52.52 0.78 0.00	56.67 0.95 0.00	59.77 0.83 0.00	62.97 1.30 0.00	68.36 1.60 0.00	77.42 1.81 0.00	82.00 3.15 0.00	78.94 2.52 0.00	68.72 2.00 0.00	61.30 1.26 0.00	52.35 1.13 0.00	47.41 0.84 0.00
HIGH FALLS___HY 23754	50.21 3.85 0.00	45.41 3.67 0.00	39.72 3.31 0.00	37.18 3.07 0.00	36.61 2.93 0.00	39.02 3.22 0.00	42.64 3.59 0.00	49.06 4.05 0.00	52.05 3.83 0.27	52.28 3.94 0.28	50.22 3.82 0.13	53.34 4.11 0.33	55.78 4.50 0.47	59.84 4.85 0.73	63.31 5.31 0.95	67.18 6.66 1.15	73.29 8.01 1.48	83.62 9.00 0.99	87.95 9.54 0.43	83.83 7.64 0.23	72.92 6.20 0.00	64.66 4.62 0.00	55.27 4.05 0.00	50.02 3.45 0.00
HIGH_RIVER___SOLAR 323847	49.00 2.64 0.00	44.16 2.42 0.00	38.49 2.07 0.00	35.98 1.87 0.00	35.57 1.89 0.00	37.88 2.08 0.00	41.31 2.26 0.00	47.57 2.56 0.00	50.68 2.18 0.00	50.51 1.89 0.00	48.03 1.49 0.00	50.84 1.29 0.00	53.14 1.40 0.00	57.28 1.56 0.00	60.66 1.71 0.00	63.59 1.91 0.00	68.76 2.00 0.00	81.16 3.17 -2.38	83.18 4.33 0.00	80.77 4.35 0.00	70.72 4.00 0.00	63.52 3.48 0.00	53.99 2.76 0.00	48.95 2.37 0.00
HILLBURN___GT 23639	49.84 3.48 0.00	44.99 3.26 0.00	39.50 3.09 0.00	36.97 2.87 0.00	36.41 2.73 0.00	38.74 2.94 0.00	42.32 3.28 0.00	48.83 3.82 0.00	52.03 3.54 0.00	52.22 3.60 0.00	50.08 3.54 0.00	53.27 3.72 0.00	55.78 4.04 0.00	60.07 4.35 0.00	63.67 4.72 0.00	67.47 5.80 0.00	73.97 7.21 0.00	84.49 7.86 -1.03	86.80 7.96 0.00	82.76 6.34 0.00	71.79 5.07 0.00	63.83 3.78 0.00	54.50 3.28 0.00	49.51 2.94 0.00
HILLSIDE_115KV_TB1 80332	46.31 -0.05 0.00	42.20 0.46 0.00	36.45 0.04 0.00	34.18 0.07 0.00	33.75 0.07 0.00	35.91 0.11 0.00	38.89 -0.16 0.00	44.42 -0.59 0.00	47.81 -0.68 0.00	48.18 -0.44 0.00	46.40 -0.14 0.00	49.56 0.00 0.00	52.00 0.26 0.00	56.12 0.39 0.00	59.18 0.24 0.00	62.35 0.68 0.00	67.69 0.93 0.00	76.59 0.98 0.00	80.89 2.05 0.00	77.80 1.38 0.00	67.72 1.00 0.00	60.46 0.42 0.00	51.68 0.46 0.00	46.76 0.19 0.00

HISHELDN_WT_PWR 323625	45.85 -0.51 0.00	42.28 0.54 0.00	36.16 -0.25 0.00	34.00 -0.10 0.00	33.31 -0.37 0.00	35.69 -0.11 0.00	38.34 -0.70 0.00	42.89 -2.11 0.00	46.31 -2.18 0.00	46.92 -1.70 0.00	45.29 -1.25 0.00	48.61 -0.94 0.00	51.07 -0.67 0.00	55.06 -0.67 0.00	57.71 -1.24 0.00	60.62 -1.05 0.00	66.22 -0.54 0.00	74.62 -0.98 0.00	79.47 0.63 0.00	75.73 -0.69 0.00	66.32 -0.40 0.00	59.14 -0.90 0.00	50.81 -0.41 0.00	46.06 -0.51 0.00
HOLTSVILLE_IC_1 23690	51.46 5.10 0.00	46.47 4.71 -0.02	40.68 4.26 -0.01	38.07 3.95 -0.01	37.46 3.77 -0.01	39.78 3.97 -0.01	43.62 4.57 -0.01	50.18 5.17 0.00	52.66 4.17 0.00	52.51 3.89 0.00	49.78 3.35 0.11	53.11 3.67 0.11	55.69 4.19 0.24	65.84 4.90 -5.21	70.24 5.66 -5.64	69.74 6.60 -1.46	76.27 8.28 -1.24	89.30 9.30 -4.40	88.58 9.38 -0.36	84.87 7.64 -0.81	72.51 5.80 0.00	64.18 4.14 0.00	55.56 3.84 -0.50	49.70 3.26 0.13
HOLTSVILLE_IC_10 23699	51.78 5.42 0.00	46.80 5.05 -0.02	40.90 4.48 -0.01	38.27 4.16 -0.01	37.70 4.01 -0.01	40.00 4.19 -0.01	43.89 4.84 -0.01	50.50 5.49 0.00	53.00 4.51 0.00	52.84 4.23 0.00	50.16 3.77 0.15	53.53 4.11 0.14	56.10 4.66 0.31	68.87 5.46 -7.69	73.58 6.31 -8.32	70.46 7.21 -1.58	77.10 9.01 -1.34	90.40 10.13 -4.66	89.48 10.25 -0.39	85.70 8.41 -0.87	73.12 6.41 0.00	64.73 4.69 0.00	56.01 4.25 -0.54	50.04 3.63 0.17
HOLTSVILLE_IC_2 23691	51.46 5.10 0.00	46.47 4.71 -0.02	40.68 4.26 -0.01	38.07 3.95 -0.01	37.46 3.77 -0.01	39.78 3.97 -0.01	43.62 4.57 -0.01	50.18 5.17 0.00	52.66 4.17 0.00	52.51 3.89 0.00	49.78 3.35 0.11	53.11 3.67 0.11	55.69 4.19 0.24	65.84 4.90 -5.21	70.24 5.66 -5.64	69.74 6.60 -1.46	76.27 8.28 -1.24	89.30 9.30 -4.40	88.58 9.38 -0.36	84.87 7.64 -0.81	72.51 5.80 0.00	64.18 4.14 0.00	55.56 3.84 -0.50	49.70 3.26 0.13
HOLTSVILLE_IC_3 23692	51.46 5.10 0.00	46.47 4.71 -0.02	40.68 4.26 -0.01	38.07 3.95 -0.01	37.46 3.77 -0.01	39.78 3.97 -0.01	43.62 4.57 -0.01	50.18 5.17 0.00	52.66 4.17 0.00	52.51 3.89 0.00	49.78 3.35 0.11	53.11 3.67 0.11	55.69 4.19 0.24	65.84 4.90 -5.21	70.24 5.66 -5.64	69.74 6.60 -1.46	76.27 8.28 -1.24	89.30 9.30 -4.40	88.58 9.38 -0.36	84.87 7.64 -0.81	72.51 5.80 0.00	64.18 4.14 0.00	55.56 3.84 -0.50	49.70 3.26 0.13
HOLTSVILLE_IC_4 23693	51.46 5.10 0.00	46.47 4.71 -0.02	40.68 4.26 -0.01	38.07 3.95 -0.01	37.46 3.77 -0.01	39.78 3.97 -0.01	43.62 4.57 -0.01	50.18 5.17 0.00	52.66 4.17 0.00	52.51 3.89 0.00	49.78 3.35 0.11	53.11 3.67 0.11	55.69 4.19 0.24	65.84 4.90 -5.21	70.24 5.66 -5.64	69.74 6.60 -1.46	76.27 8.28 -1.24	89.30 9.30 -4.40	88.58 9.38 -0.36	84.87 7.64 -0.81	72.51 5.80 0.00	64.18 4.14 0.00	55.56 3.84 -0.50	49.70 3.26 0.13
HOLTSVILLE_IC_5 23694	51.46 5.10 0.00	46.47 4.71 -0.02	40.68 4.26 -0.01	38.07 3.95 -0.01	37.46 3.77 -0.01	39.78 3.97 -0.01	43.62 4.57 -0.01	50.18 5.17 0.00	52.66 4.17 0.00	52.51 3.89 0.00	49.78 3.35 0.11	53.11 3.67 0.11	55.69 4.19 0.24	65.84 4.90 -5.21	70.24 5.66 -5.64	69.74 6.60 -1.46	76.27 8.28 -1.24	89.30 9.30 -4.40	88.58 9.38 -0.36	84.87 7.64 -0.81	72.51 5.80 0.00	64.18 4.14 0.00	55.56 3.84 -0.50	49.70 3.26 0.13
HOLTSVILLE_IC_6 23695	51.78 5.42 0.00	46.80 5.05 -0.02	40.90 4.48 -0.01	38.27 4.16 -0.01	37.70 4.01 -0.01	40.00 4.19 -0.01	43.89 4.84 -0.01	50.50 5.49 0.00	53.00 4.51 0.00	52.84 4.23 0.00	50.16 3.77 0.15	53.53 4.11 0.14	56.10 4.66 0.31	68.87 5.46 -7.69	73.58 6.31 -8.32	70.46 7.21 -1.58	77.10 9.01 -1.34	90.40 10.13 -4.66	89.48 10.25 -0.39	85.70 8.41 -0.87	73.12 6.41 0.00	64.73 4.69 0.00	56.01 4.25 -0.54	50.04 3.63 0.17
HOLTSVILLE_IC_7 23696	51.78 5.42 0.00	46.80 5.05 -0.02	40.90 4.48 -0.01	38.27 4.16 -0.01	37.70 4.01 -0.01	40.00 4.19 -0.01	43.89 4.84 -0.01	50.50 5.49 0.00	53.00 4.51 0.00	52.84 4.23 0.00	50.16 3.77 0.15	53.53 4.11 0.14	56.10 4.66 0.31	68.87 5.46 -7.69	73.58 6.31 -8.32	70.46 7.21 -1.58	77.10 9.01 -1.34	90.40 10.13 -4.66	89.48 10.25 -0.39	85.70 8.41 -0.87	73.12 6.41 0.00	64.73 4.69 0.00	56.01 4.25 -0.54	50.04 3.63 0.17
HOLTSVILLE_IC_8 23697	51.78 5.42 0.00	46.80 5.05 -0.02	40.90 4.48 -0.01	38.27 4.16 -0.01	37.70 4.01 -0.01	40.00 4.19 -0.01	43.89 4.84 -0.01	50.50 5.49 0.00	53.00 4.51 0.00	52.84 4.23 0.00	50.16 3.77 0.15	53.53 4.11 0.14	56.10 4.66 0.31	68.87 5.46 -7.69	73.58 6.31 -8.32	70.46 7.21 -1.58	77.10 9.01 -1.34	90.40 10.13 -4.66	89.48 10.25 -0.39	85.70 8.41 -0.87	73.12 6.41 0.00	64.73 4.69 0.00	56.01 4.25 -0.54	50.04 3.63 0.17
HOLTSVILLE_IC_9 23698	51.78 5.42 0.00	46.80 5.05 -0.02	40.90 4.48 -0.01	38.27 4.16 -0.01	37.70 4.01 -0.01	40.00 4.19 -0.01	43.89 4.84 -0.01	50.50 5.49 0.00	53.00 4.51 0.00	52.84 4.23 0.00	50.16 3.77 0.15	53.53 4.11 0.14	56.10 4.66 0.31	68.87 5.46 -7.69	73.58 6.31 -8.32	70.46 7.21 -1.58	77.10 9.01 -1.34	90.40 10.13 -4.66	89.48 10.25 -0.39	85.70 8.41 -0.87	73.12 6.41 0.00	64.73 4.69 0.00	56.01 4.25 -0.54	50.04 3.63 0.17
HOMER_HL_115KV_TB2 355744	45.57 -0.79 0.00	41.82 0.08 0.00	35.90 -0.51 0.00	33.70 -0.41 0.00	33.24 -0.44 0.00	35.37 -0.43 0.00	38.11 -0.94 0.00	43.39 -1.62 0.00	46.89 -1.60 0.00	47.55 -1.07 0.00	45.98 -0.56 0.00	49.21 -0.35 0.00	51.33 -0.41 0.00	55.39 -0.33 0.00	58.24 -0.71 0.00	61.55 -0.12 0.00	66.82 0.07 0.00	74.85 -0.76 0.00	79.39 0.55 0.00	75.96 -0.46 0.00	65.98 -0.73 0.00	58.78 -1.26 0.00	50.56 -0.67 0.00	46.06 -0.51 0.00
HOWARD_WT_PWR 323690	46.55 0.19 0.00	42.82 1.08 0.00	36.81 0.40 0.00	34.62 0.51 0.00	33.99 0.30 0.00	36.45 0.65 0.00	39.39 0.35 0.00	44.42 -0.59 0.00	47.57 -0.92 0.00	47.94 -0.68 0.00	46.17 -0.37 0.00	49.56 0.00 0.00	52.01 0.26 0.00	56.12 0.39 0.00	58.95 0.00 0.00	61.86 0.19 0.00	67.56 0.80 0.00	76.52 0.91 0.00	81.53 2.68 0.00	78.33 1.91 0.00	68.58 1.87 0.00	61.06 1.02 0.00	52.14 0.92 0.00	47.08 0.51 0.00
HQ_GEN_CEDARS 23644	46.13 -0.23 0.00	41.36 -0.38 0.00	36.16 -0.25 0.00	33.94 -0.17 0.00	33.55 -0.13 0.00	35.59 -0.21 0.00	38.85 -0.20 0.00	44.74 -0.27 0.00	48.69 0.19 0.00	48.81 0.19 0.00	46.77 0.23 0.00	49.66 0.10 0.00	51.59 -0.16 0.00	55.34 -0.39 0.00	58.54 -0.41 0.00	60.56 -1.11 0.00	65.49 -1.27 0.00	73.87 -1.74 0.00	76.79 -2.05 0.00	75.43 -0.99 0.00	66.12 -0.60 0.00	59.80 -0.24 0.00	51.17 -0.05 0.00	46.90 0.33 0.00
HQ_GEN_CEDARS_PROXY 323590	46.13 -0.23 0.00	41.36 -0.38 0.00	36.16 -0.25 0.00	33.94 -0.17 0.00	33.55 -0.13 0.00	35.59 -0.21 0.00	38.85 -0.19 0.00	44.74 -0.27 0.00	48.69 0.19 0.00	48.81 0.20 0.00	46.77 0.23 0.00	49.66 0.10 0.00	51.59 -0.15 0.00	55.34 -0.39 0.00	58.54 -0.41 0.00	60.75 -0.92 0.00	65.49 -1.27 0.00	75.34 -1.66 -1.40	75.48 -1.97 1.40	75.42 -1.00 0.00	66.12 -0.60 0.00	59.86 -0.18 0.00	51.52 0.00 -0.30	46.69 0.42 0.30

HQ_GEN_IMPORT 323601	45.85 -0.51 0.00	41.11 -0.62 0.00	35.90 -0.51 0.00	33.66 -0.44 0.00	33.24 -0.44 0.00	35.30 -0.50 0.00	38.54 -0.51 0.00	44.42 -0.59 0.00	48.20 -0.29 0.00	48.33 -0.29 0.00	46.26 -0.28 0.00	49.21 -0.34 0.00	51.33 -0.42 0.00	55.17 -0.56 0.00	58.36 -0.59 0.00	60.75 -0.92 0.00	65.56 -1.20 0.00	75.41 -1.59 -1.40	75.41 -1.97 1.47	75.26 -1.23 -0.07	65.72 -1.00 0.00	59.50 -0.54 0.00	51.11 -0.41 -0.30	46.04 -0.23 0.30
HQ_GEN_WHEEL 23651	45.85 -0.51 0.00	41.11 -0.62 0.00	35.90 -0.51 0.00	33.66 -0.44 0.00	33.24 -0.44 0.00	35.30 -0.50 0.00	38.54 -0.51 0.00	44.42 -0.59 0.00	48.20 -0.29 0.00	48.33 -0.29 0.00	46.26 -0.28 0.00	49.21 -0.34 0.00	51.33 -0.42 0.00	55.17 -0.56 0.00	58.36 -0.59 0.00	60.75 -0.92 0.00	65.56 -1.20 0.00	75.41 -1.59 -1.40	75.41 -1.97 1.47	75.26 -1.23 -0.07	65.72 -1.00 0.00	59.50 -0.54 0.00	51.11 -0.41 -0.30	46.04 -0.23 0.30
HUDSON AVE_GT_3 23810	50.63 4.27 0.00	45.70 3.97 0.00	40.05 3.64 0.00	37.48 3.38 0.00	36.95 3.27 0.00	39.24 3.44 0.00	42.99 3.94 0.00	49.64 4.64 0.00	52.81 4.32 0.00	53.10 4.47 -0.01	50.93 4.37 -0.01	54.18 4.61 -0.01	56.56 4.81 0.00	60.85 5.13 0.00	64.37 5.42 0.00	68.64 6.97 0.00	75.10 8.34 0.00	85.89 9.15 -1.14	87.99 9.15 0.00	83.68 7.26 0.00	72.59 5.87 0.00	64.42 4.38 0.00	55.32 4.10 0.00	50.25 3.68 0.00
HUDSON AVE_GT_4 23540	50.63 4.27 0.00	45.70 3.97 0.00	40.05 3.64 0.00	37.48 3.38 0.00	36.95 3.27 0.00	39.24 3.44 0.00	42.99 3.94 0.00	49.64 4.64 0.00	52.81 4.32 0.00	53.10 4.47 -0.01	50.93 4.37 -0.01	54.18 4.61 -0.01	56.56 4.81 0.00	60.85 5.13 0.00	64.37 5.42 0.00	68.64 6.97 0.00	75.10 8.34 0.00	85.89 9.15 -1.14	87.99 9.15 0.00	83.68 7.26 0.00	72.59 5.87 0.00	64.42 4.38 0.00	55.32 4.10 0.00	50.25 3.68 0.00
HUDSON AVE_GT_5 23657	50.63 4.27 0.00	45.70 3.97 0.00	40.05 3.64 0.00	37.48 3.38 0.00	36.95 3.27 0.00	39.24 3.44 0.00	42.99 3.94 0.00	49.64 4.64 0.00	52.81 4.32 0.00	53.10 4.47 -0.01	50.93 4.37 -0.01	54.18 4.61 -0.01	56.56 4.81 0.00	60.85 5.13 0.00	64.37 5.42 0.00	68.64 6.97 0.00	75.10 8.34 0.00	85.89 9.15 -1.14	87.99 9.15 0.00	83.68 7.26 0.00	72.59 5.87 0.00	64.42 4.38 0.00	55.32 4.10 0.00	50.25 3.68 0.00
HUDSON_AVE_10 24168	50.49 4.13 0.00	45.58 3.84 0.00	39.98 3.57 0.00	37.45 3.34 0.00	36.88 3.20 0.00	39.17 3.37 0.00	42.91 3.87 0.00	49.60 4.59 0.00	52.76 4.27 0.00	53.06 4.42 -0.01	50.79 4.24 -0.01	54.03 4.46 -0.01	56.40 4.66 0.00	60.68 4.96 0.00	64.19 5.25 0.00	68.52 6.85 0.00	74.97 8.21 0.00	85.67 8.92 -1.14	87.83 8.99 0.00	83.53 7.11 0.00	72.46 5.74 0.00	64.24 4.20 0.00	55.27 4.05 0.00	50.16 3.59 0.00
HUDSON___115KV_TB 4 355613	48.03 1.67 0.00	43.24 1.50 0.00	37.83 1.42 0.00	35.40 1.30 0.00	34.93 1.25 0.00	37.16 1.36 0.00	40.45 1.41 0.00	46.72 1.71 0.00	48.77 1.31 1.03	48.64 1.07 1.05	46.73 0.70 0.51	48.97 0.64 1.23	50.80 0.83 1.78	54.07 1.11 2.77	56.67 1.30 3.57	59.24 1.91 4.34	63.19 2.00 5.57	65.86 3.18 12.92	81.00 3.78 1.63	78.54 2.98 0.86	68.85 2.13 0.00	61.78 1.74 0.00	52.55 1.33 0.00	47.92 1.35 0.00
HUNTER MOUNT___DRP 323613	48.12 1.76 0.00	43.36 1.63 0.00	37.90 1.49 0.00	35.47 1.36 0.00	35.00 1.31 0.00	37.23 1.43 0.00	40.49 1.44 0.00	46.67 1.67 0.00	48.40 1.41 1.50	48.26 1.17 1.52	46.55 0.74 0.74	48.46 0.69 1.79	50.15 0.98 2.58	52.92 1.23 4.03	55.29 1.53 5.19	57.46 2.10 6.31	60.85 2.20 8.11	69.18 3.48 9.91	80.73 4.26 2.37	78.61 3.44 1.25	68.92 2.20 0.00	61.84 1.80 0.00	52.60 1.38 0.00	47.88 1.30 0.00
HUNTINGTON_RES_REC 323705	51.32 4.96 0.00	46.43 4.67 -0.02	40.60 4.19 -0.01	38.00 3.89 -0.01	37.43 3.74 -0.01	39.75 3.94 -0.01	43.54 4.49 -0.01	50.05 5.04 0.00	52.37 3.88 0.00	52.31 3.69 0.00	49.37 3.26 0.43	52.75 3.67 0.48	54.83 4.19 1.10	57.41 4.96 3.28	61.10 5.72 3.56	69.92 6.66 -1.58	76.43 8.34 -1.33	89.63 9.37 -4.65	88.68 9.46 -0.38	84.93 7.64 -0.87	72.45 5.74 0.00	64.18 4.14 0.00	55.65 3.89 -0.54	49.26 3.17 0.48
HUNTLEY___63 23557	46.22 -0.14 0.00	42.49 0.75 0.00	36.16 -0.25 0.00	34.00 -0.10 0.00	33.51 -0.17 0.00	35.55 -0.25 0.00	38.11 -0.94 0.00	42.62 -2.39 0.00	46.21 -2.28 0.00	47.01 -1.60 0.00	45.38 -1.16 0.00	48.66 -0.89 0.00	51.12 -0.62 0.00	55.11 -0.61 0.00	57.83 -1.12 0.00	60.93 -0.74 0.00	65.96 -0.80 0.00	74.02 -1.59 0.00	78.84 0.00 0.00	75.43 -0.99 0.00	65.52 -1.20 0.00	58.72 -1.32 0.00	50.76 -0.46 0.00	46.29 -0.28 0.00
HUNTLEY___64 23558	46.22 -0.14 0.00	42.49 0.75 0.00	36.16 -0.25 0.00	34.00 -0.10 0.00	33.51 -0.17 0.00	35.55 -0.25 0.00	38.11 -0.94 0.00	42.62 -2.39 0.00	46.21 -2.28 0.00	47.01 -1.60 0.00	45.38 -1.16 0.00	48.66 -0.89 0.00	51.12 -0.62 0.00	55.11 -0.61 0.00	57.83 -1.12 0.00	60.93 -0.74 0.00	65.96 -0.80 0.00	74.02 -1.59 0.00	78.84 0.00 0.00	75.43 -0.99 0.00	65.52 -1.20 0.00	58.72 -1.32 0.00	50.76 -0.46 0.00	46.29 -0.28 0.00
HUNTLEY___65 23559	46.22 -0.14 0.00	42.49 0.75 0.00	36.16 -0.25 0.00	34.00 -0.10 0.00	33.51 -0.17 0.00	35.55 -0.25 0.00	38.11 -0.94 0.00	42.62 -2.39 0.00	46.21 -2.28 0.00	47.01 -1.60 0.00	45.38 -1.16 0.00	48.66 -0.89 0.00	51.12 -0.62 0.00	55.11 -0.61 0.00	57.83 -1.12 0.00	60.93 -0.74 0.00	65.96 -0.80 0.00	74.02 -1.59 0.00	78.84 0.00 0.00	75.43 -0.99 0.00	65.52 -1.20 0.00	58.72 -1.32 0.00	50.76 -0.46 0.00	46.29 -0.28 0.00
HUNTLEY___66 23560	46.22 -0.14 0.00	42.49 0.75 0.00	36.16 -0.25 0.00	34.00 -0.10 0.00	33.51 -0.17 0.00	35.55 -0.25 0.00	38.11 -0.94 0.00	42.62 -2.39 0.00	46.21 -2.28 0.00	47.01 -1.60 0.00	45.38 -1.16 0.00	48.66 -0.89 0.00	51.12 -0.62 0.00	55.11 -0.61 0.00	57.83 -1.12 0.00	60.93 -0.74 0.00	65.96 -0.80 0.00	74.02 -1.59 0.00	78.84 0.00 0.00	75.43 -0.99 0.00	65.52 -1.20 0.00	58.72 -1.32 0.00	50.76 -0.46 0.00	46.29 -0.28 0.00
HUNTLEY___67 23561	45.85 -0.51 0.00	42.15 0.42 0.00	35.94 -0.47 0.00	33.77 -0.34 0.00	33.28 -0.40 0.00	35.34 -0.47 0.00	37.95 -1.09 0.00	42.49 -2.52 0.00	46.02 -2.47 0.00	46.82 -1.80 0.00	45.24 -1.30 0.00	48.47 -1.09 0.00	50.87 -0.88 0.00	54.83 -0.89 0.00	57.59 -1.36 0.00	60.87 -0.80 0.00	65.96 -0.80 0.00	74.24 -1.36 0.00	78.92 0.08 0.00	75.50 -0.92 0.00	65.52 -1.20 0.00	58.54 -1.50 0.00	50.56 -0.67 0.00	46.06 -0.51 0.00
HUNTLEY___68 23562	45.85 -0.51 0.00	42.15 0.42 0.00	35.94 -0.47 0.00	33.77 -0.34 0.00	33.28 -0.40 0.00	35.34 -0.47 0.00	37.95 -1.09 0.00	42.49 -2.52 0.00	46.02 -2.47 0.00	46.82 -1.80 0.00	45.24 -1.30 0.00	48.47 -1.09 0.00	50.87 -0.88 0.00	54.83 -0.89 0.00	57.59 -1.36 0.00	60.87 -0.80 0.00	65.96 -0.80 0.00	74.24 -1.36 0.00	78.92 0.08 0.00	75.50 -0.92 0.00	65.52 -1.20 0.00	58.54 -1.50 0.00	50.56 -0.67 0.00	46.06 -0.51 0.00

HYLAND___LFGE 323620	47.29 0.93 0.00	44.61 2.88 0.00	38.27 1.86 0.00	35.88 1.77 0.00	35.33 1.65 0.00	37.77 1.97 0.00	40.72 1.68 0.00	45.51 0.50 0.00	46.70 -1.79 0.00	46.58 -2.04 0.00	44.59 -1.95 0.00	47.97 -1.59 0.00	50.35 -1.39 0.00	54.28 -1.45 0.00	57.06 -1.89 0.00	60.13 -1.54 0.00	65.82 -0.93 0.00	75.61 0.00 0.00	81.60 2.76 0.00	79.25 2.83 0.00	70.05 3.33 0.00	62.50 2.46 0.00	53.17 1.95 0.00	47.78 1.21 0.00
INDECK___CORINTH 23802	48.72 2.36 0.00	43.95 2.21 0.00	38.27 1.86 0.00	35.71 1.60 0.00	35.30 1.62 0.00	37.63 1.82 0.00	41.07 2.03 0.00	47.39 2.38 0.00	50.58 2.08 0.00	50.51 1.89 0.00	47.33 0.79 0.00	50.25 0.69 0.00	52.62 0.88 0.00	56.78 1.06 0.00	60.19 1.24 0.00	63.46 1.79 0.00	68.89 2.14 0.00	82.71 3.17 -3.93	83.65 4.81 0.00	80.77 4.35 0.00	70.59 3.87 0.00	63.28 3.24 0.00	53.63 2.41 0.00	48.57 2.00 0.00
INDECK___ILION 23567	46.69 0.32 0.00	42.03 0.29 0.00	36.67 0.25 0.00	34.31 0.20 0.00	33.88 0.20 0.00	36.09 0.29 0.00	39.36 0.31 0.00	45.41 0.41 0.00	48.78 0.29 0.00	48.86 0.24 0.00	46.68 0.14 0.00	49.70 0.15 0.00	51.90 0.16 0.00	55.95 0.22 0.00	59.18 0.24 0.00	62.04 0.37 0.00	67.16 0.40 0.00	76.29 0.68 0.00	79.79 0.95 0.00	77.11 0.69 0.00	67.32 0.60 0.00	60.52 0.48 0.00	51.58 0.36 0.00	46.85 0.28 0.00
INDECK___OLEAN 23982	45.30 -1.06 0.00	41.78 0.04 0.00	35.87 -0.55 0.00	33.66 -0.44 0.00	32.94 -0.74 0.00	35.37 -0.43 0.00	38.11 -0.94 0.00	43.30 -1.71 0.00	46.84 -1.65 0.00	47.45 -1.17 0.00	45.89 -0.65 0.00	49.21 -0.34 0.00	51.33 -0.42 0.00	55.39 -0.33 0.00	58.18 -0.77 0.00	61.18 -0.50 0.00	66.82 0.07 0.00	74.85 -0.76 0.00	79.40 0.56 0.00	75.58 -0.84 0.00	65.99 -0.73 0.00	58.72 -1.32 0.00	50.45 -0.77 0.00	45.78 -0.79 0.00
INDECK___OSWEGO 23783	45.62 -0.74 0.00	41.19 -0.54 0.00	35.83 -0.58 0.00	33.53 -0.58 0.00	33.11 -0.57 0.00	35.23 -0.57 0.00	38.42 -0.63 0.00	44.20 -0.81 0.00	47.57 -0.92 0.00	47.69 -0.93 0.00	45.66 -0.89 0.00	48.76 -0.79 0.00	50.45 -1.29 0.00	54.33 -1.39 0.00	57.48 -1.47 0.00	60.19 -1.48 0.00	65.22 -1.53 0.00	74.01 -1.59 0.00	77.66 -1.18 0.00	74.97 -1.45 0.00	65.52 -1.20 0.00	58.66 -1.38 0.00	50.05 -1.18 0.00	45.78 -0.79 0.00
INDECK___YERKES 23781	46.08 -0.28 0.00	42.61 0.88 0.00	36.27 -0.15 0.00	34.14 0.03 0.00	33.21 -0.47 0.00	35.59 -0.21 0.00	38.15 -0.90 0.00	42.53 -2.48 0.00	46.16 -2.33 0.00	46.97 -1.65 0.00	45.33 -1.21 0.00	48.71 -0.84 0.00	51.18 -0.57 0.00	55.17 -0.56 0.00	57.83 -1.12 0.00	60.44 -1.23 0.00	65.96 -0.80 0.00	74.01 -1.59 0.00	78.84 0.00 0.00	74.67 -1.75 0.00	65.52 -1.20 0.00	58.78 -1.26 0.00	50.76 -0.46 0.00	45.96 -0.61 0.00
INDIAN POINT_GT_1 24139	49.84 3.48 0.00	45.08 3.34 0.00	39.51 3.09 0.00	37.01 2.90 0.00	36.48 2.80 0.00	38.77 2.97 0.00	42.36 3.32 0.00	48.88 3.87 0.00	51.98 3.49 0.00	52.22 3.60 0.00	50.03 3.49 0.00	53.27 3.72 0.00	55.73 3.98 0.00	60.02 4.29 0.00	63.55 4.60 0.00	67.59 5.92 0.00	73.90 7.14 0.00	84.59 7.86 -1.12	86.81 7.96 0.00	82.61 6.19 0.00	71.72 5.00 0.00	63.76 3.72 0.00	54.55 3.33 0.00	49.55 2.98 0.00
INDIAN POINT_GT_2 23659	49.84 3.48 0.00	45.08 3.34 0.00	39.51 3.09 0.00	37.01 2.90 0.00	36.48 2.80 0.00	38.77 2.97 0.00	42.36 3.32 0.00	48.88 3.87 0.00	51.98 3.49 0.00	52.22 3.60 0.00	50.03 3.49 0.00	53.27 3.72 0.00	55.73 3.98 0.00	60.02 4.29 0.00	63.55 4.60 0.00	67.59 5.92 0.00	73.90 7.14 0.00	84.59 7.86 -1.12	86.81 7.96 0.00	82.61 6.19 0.00	71.72 5.00 0.00	63.76 3.72 0.00	54.55 3.33 0.00	49.55 2.98 0.00
INDIAN POINT_GT_3 24019	49.84 3.48 0.00	45.08 3.34 0.00	39.51 3.09 0.00	37.01 2.90 0.00	36.48 2.80 0.00	38.77 2.97 0.00	42.36 3.32 0.00	48.88 3.87 0.00	51.98 3.49 0.00	52.22 3.60 0.00	50.03 3.49 0.00	53.27 3.72 0.00	55.73 3.98 0.00	60.02 4.29 0.00	63.55 4.60 0.00	67.59 5.92 0.00	73.90 7.14 0.00	84.59 7.86 -1.12	86.81 7.96 0.00	82.61 6.19 0.00	71.72 5.00 0.00	63.76 3.72 0.00	54.55 3.33 0.00	49.55 2.98 0.00
INDIAN POINT___2 23530	49.84 3.48 0.00	44.99 3.26 0.00	39.47 3.06 0.00	36.97 2.87 0.00	36.41 2.73 0.00	38.74 2.94 0.00	42.32 3.28 0.00	48.88 3.87 0.00	52.03 3.54 0.00	52.22 3.60 0.00	50.03 3.49 0.00	53.22 3.67 0.00	55.68 3.93 0.00	59.96 4.23 0.00	63.55 4.60 0.00	67.28 5.61 0.00	73.83 7.07 0.00	84.40 7.72 -1.08	86.65 7.81 0.00	82.61 6.19 0.00	71.65 4.94 0.00	63.70 3.66 0.00	54.45 3.23 0.00	49.46 2.89 0.00
INDIAN POINT___3 23531	49.74 3.38 0.00	44.99 3.26 0.00	39.47 3.06 0.00	36.94 2.83 0.00	36.41 2.73 0.00	38.70 2.90 0.00	42.28 3.24 0.00	48.79 3.78 0.00	51.89 3.39 0.00	52.12 3.50 0.00	49.99 3.44 0.00	53.17 3.62 0.00	55.63 3.88 0.00	59.90 4.18 0.00	63.43 4.48 0.00	67.47 5.80 0.00	73.77 7.01 0.00	84.36 7.64 -1.12	86.57 7.73 0.00	82.38 5.96 0.00	71.59 4.87 0.00	63.64 3.60 0.00	54.45 3.23 0.00	49.46 2.89 0.00
INGHAM_C_115KV_TB7 356103	46.45 0.09 0.00	41.82 0.08 0.00	36.45 0.04 0.00	34.11 0.00 0.00	33.72 0.03 0.00	35.95 0.14 0.00	39.20 0.16 0.00	45.19 0.18 0.00	48.49 0.00 0.00	48.57 -0.05 0.00	46.35 -0.19 0.00	49.36 -0.20 0.00	51.49 -0.26 0.00	55.50 -0.22 0.00	58.71 -0.24 0.00	61.55 -0.12 0.00	66.62 -0.13 0.00	75.68 0.08 0.00	79.24 0.39 0.00	76.65 0.23 0.00	66.92 0.20 0.00	60.34 0.30 0.00	51.43 0.20 0.00	46.71 0.14 0.00
IP CORINTH___1 23988	48.96 2.60 0.00	44.20 2.46 0.00	38.45 2.04 0.00	35.88 1.77 0.00	35.43 1.75 0.00	37.81 2.00 0.00	41.27 2.23 0.00	47.62 2.61 0.00	50.87 2.38 0.00	50.81 2.19 0.00	47.61 1.07 0.00	50.55 0.99 0.00	52.94 1.19 0.00	57.12 1.39 0.00	60.54 1.59 0.00	63.89 2.22 0.00	69.23 2.47 0.00	83.17 3.63 -3.93	84.13 5.28 0.00	80.93 4.51 0.00	70.92 4.20 0.00	63.64 3.60 0.00	53.94 2.71 0.00	48.85 2.28 0.00
IP___TICONDEROGA 23804	51.09 4.73 0.00	45.95 4.22 0.00	39.80 3.39 0.00	36.97 2.86 0.00	36.55 2.86 0.00	39.20 3.40 0.00	42.79 3.75 0.00	49.33 4.32 0.00	52.52 4.02 0.00	52.22 3.60 0.00	48.50 1.95 0.00	51.49 1.93 0.00	54.07 2.33 0.00	58.46 2.73 0.00	62.01 3.07 0.00	65.50 3.82 0.00	71.16 4.41 0.00	86.04 6.50 -3.93	87.91 9.07 0.00	84.98 8.56 0.00	74.46 7.74 0.00	66.89 6.84 0.00	56.29 5.07 0.00	50.90 4.33 0.00
ISLIP_RES_REC 323679	52.15 5.79 0.00	47.10 5.34 -0.02	41.15 4.73 -0.01	38.52 4.40 -0.01	37.90 4.21 -0.01	40.21 4.40 -0.01	44.17 5.11 -0.01	50.82 5.81 0.00	53.39 4.90 0.00	53.24 4.62 0.00	50.59 4.19 0.15	54.04 4.61 0.13	56.64 5.17 0.27	72.22 6.07 -10.42	77.18 6.95 -11.28	71.23 7.90 -1.66	77.91 9.75 -1.41	91.48 11.04 -4.84	90.37 11.12 -0.41	86.51 9.17 -0.92	73.78 7.07 0.00	65.27 5.22 -0.01	56.45 4.66 -0.57	50.36 3.96 0.16

JAMAICA__27_KV_LOAD 355505	50.86 4.50 0.00	45.87 4.13 0.00	40.23 3.82 0.00	37.76 3.65 0.00	37.19 3.50 0.00	39.42 3.62 0.00	43.26 4.22 0.00	49.96 4.95 0.00	53.20 4.70 0.00	53.54 4.91 -0.01	51.02 4.47 -0.01	54.28 4.71 -0.01	56.66 4.92 0.00	61.02 5.29 0.00	64.55 5.60 0.00	68.95 7.28 0.00	75.50 8.75 0.00	86.42 9.68 -1.14	88.62 9.78 0.00	84.21 7.79 0.00	73.06 6.34 0.00	64.66 4.62 0.00	55.78 4.56 0.00	50.58 4.01 0.00
JANIS__SOLAR 323808	48.49 2.13 0.00	43.95 2.21 0.00	38.09 1.68 0.00	35.61 1.50 0.00	35.13 1.45 0.00	37.59 1.79 0.00	40.96 1.91 0.00	46.94 1.93 0.00	50.19 1.70 0.00	49.88 1.26 0.00	47.61 1.07 0.00	50.70 1.14 0.00	52.94 1.19 0.00	57.12 1.39 0.00	60.36 1.41 0.00	63.52 1.85 0.00	69.50 2.74 0.00	79.53 3.93 0.00	84.52 5.68 0.00	81.85 5.43 0.00	71.46 4.74 0.00	63.76 3.72 0.00	54.04 2.82 0.00	48.76 2.19 0.00
JARVIS____ 23743	46.69 0.33 0.00	42.07 0.33 0.00	36.74 0.33 0.00	34.38 0.27 0.00	33.95 0.27 0.00	36.12 0.32 0.00	39.39 0.35 0.00	45.41 0.40 0.00	48.78 0.29 0.00	48.91 0.29 0.00	46.77 0.23 0.00	49.81 0.25 0.00	52.06 0.31 0.00	56.06 0.34 0.00	59.36 0.42 0.00	62.23 0.55 0.00	67.42 0.67 0.00	76.44 0.83 0.00	79.79 0.95 0.00	77.11 0.69 0.00	67.25 0.53 0.00	60.40 0.36 0.00	51.53 0.31 0.00	46.81 0.23 0.00
JENNISON____1 23625	49.00 2.64 0.00	44.37 2.63 0.00	38.60 2.18 0.00	36.09 1.98 0.00	35.64 1.95 0.00	38.09 2.29 0.00	41.50 2.46 0.00	47.71 2.70 0.00	51.06 2.57 0.00	51.00 2.38 0.00	48.77 2.23 0.00	51.93 2.38 0.00	54.28 2.54 0.00	58.62 2.90 0.00	61.95 3.01 0.00	65.37 3.70 0.00	71.23 4.47 0.00	81.12 5.52 0.00	85.54 6.70 0.00	82.38 5.96 0.00	71.72 5.00 0.00	64.00 3.96 0.00	54.35 3.12 0.00	49.13 2.56 0.00
JENNISON____2 23626	49.00 2.64 0.00	44.37 2.63 0.00	38.60 2.18 0.00	36.09 1.98 0.00	35.64 1.95 0.00	38.09 2.29 0.00	41.50 2.46 0.00	47.71 2.70 0.00	51.06 2.57 0.00	51.00 2.38 0.00	48.77 2.23 0.00	51.93 2.38 0.00	54.28 2.54 0.00	58.62 2.90 0.00	61.95 3.01 0.00	65.37 3.70 0.00	71.23 4.47 0.00	81.12 5.52 0.00	85.54 6.70 0.00	82.38 5.96 0.00	71.72 5.00 0.00	64.00 3.96 0.00	54.35 3.12 0.00	49.13 2.56 0.00
JERICOHO_RISE_WT_PWR 323719	45.15 -1.21 0.00	40.44 -1.29 0.00	35.43 -0.98 0.00	33.29 -0.82 0.00	32.94 -0.74 0.00	34.94 -0.86 0.00	38.18 -0.86 0.00	44.06 -0.95 0.00	47.77 -0.73 0.00	47.84 -0.78 0.00	46.03 -0.51 0.00	48.76 -0.79 0.00	50.82 -0.93 0.00	54.28 -1.45 0.00	57.30 -1.65 0.00	59.39 -2.28 0.00	64.09 -2.67 0.00	72.58 -3.03 0.00	75.53 -3.31 0.00	74.13 -2.29 0.00	64.85 -1.87 0.00	58.54 -1.50 0.00	50.20 -1.02 0.00	46.15 -0.42 0.00
KATONAH__115KV_46KV_TB4 355592	50.07 3.71 0.00	45.24 3.51 0.00	39.62 3.20 0.00	37.14 3.04 0.00	36.61 2.93 0.00	38.92 3.11 0.00	42.52 3.47 0.00	49.15 4.14 0.00	52.27 3.78 0.00	52.51 3.89 0.00	50.31 3.77 0.00	53.52 3.96 0.00	55.94 4.19 0.00	60.29 4.57 0.00	63.90 4.95 0.00	67.90 6.23 0.00	74.37 7.61 0.00	85.22 8.47 -1.15	87.59 8.75 0.00	83.30 6.88 0.00	72.26 5.54 0.00	64.24 4.20 0.00	54.86 3.64 0.00	49.78 3.21 0.00
KCE_NY_1 323755	49.19 2.83 0.00	44.33 2.59 0.00	38.67 2.26 0.00	36.12 2.01 0.00	35.67 1.99 0.00	37.99 2.18 0.00	41.43 2.38 0.00	47.89 2.88 0.00	51.06 2.57 0.00	51.10 2.48 0.00	48.35 1.81 0.00	51.34 1.78 0.00	53.76 2.02 0.00	58.07 2.34 0.00	61.54 2.59 0.00	64.82 3.14 0.00	70.36 3.60 0.00	84.80 4.69 -4.51	84.36 5.52 0.00	81.38 4.96 0.00	70.99 4.27 0.00	63.70 3.66 0.00	54.09 2.87 0.00	49.08 2.51 0.00
KCE_NY_6_ESR 323823	46.04 -0.32 0.00	42.49 0.75 0.00	36.27 -0.15 0.00	34.07 -0.03 0.00	33.31 -0.37 0.00	35.73 -0.07 0.00	38.38 -0.66 0.00	42.94 -2.07 0.00	46.55 -1.94 0.00	47.31 -1.31 0.00	45.75 -0.79 0.00	49.11 -0.45 0.00	51.59 -0.15 0.00	55.67 -0.06 0.00	58.36 -0.59 0.00	61.31 -0.37 0.00	66.96 0.20 0.00	75.30 -0.30 0.00	80.10 1.26 0.00	75.89 -0.53 0.00	66.45 -0.27 0.00	59.26 -0.78 0.00	51.07 -0.15 0.00	46.15 -0.42 0.00
KEDC_PORT_JEFF_GT2 24210	51.64 5.28 0.00	46.68 4.92 -0.02	40.82 4.40 -0.01	38.17 4.06 -0.01	37.60 3.91 -0.01	39.93 4.12 -0.01	43.77 4.72 -0.01	50.36 5.35 0.00	52.86 4.37 0.00	52.70 4.08 0.00	49.96 3.58 0.17	53.26 3.87 0.16	55.73 4.35 0.36	66.43 5.12 -5.58	70.94 5.95 -6.04	69.74 6.53 -1.53	76.33 8.28 -1.30	89.46 9.30 -4.56	88.60 9.38 -0.38	84.83 7.57 -0.85	72.38 5.67 0.00	64.37 4.33 0.00	55.74 4.00 -0.52	49.83 3.45 0.19
KEDC_PORT_JEFF_GT3 24211	51.64 5.28 0.00	46.68 4.92 -0.02	40.82 4.40 -0.01	38.17 4.06 -0.01	37.60 3.91 -0.01	39.93 4.12 -0.01	43.77 4.72 -0.01	50.36 5.35 0.00	52.86 4.37 0.00	52.70 4.08 0.00	49.96 3.58 0.17	53.26 3.87 0.16	55.73 4.35 0.36	66.43 5.12 -5.58	70.94 5.95 -6.04	69.74 6.53 -1.53	76.33 8.28 -1.30	89.46 9.30 -4.56	88.60 9.38 -0.38	84.83 7.57 -0.85	72.38 5.67 0.00	64.37 4.33 0.00	55.74 4.00 -0.52	49.83 3.45 0.19
KEDC_GLWD_GT4 24219	51.04 4.68 0.00	46.05 4.30 -0.02	40.32 3.90 -0.01	37.77 3.65 -0.01	37.19 3.50 -0.01	39.53 3.72 -0.01	43.27 4.22 -0.01	49.92 4.91 0.00	52.90 4.41 0.00	52.99 4.38 0.00	50.77 4.23 0.00	54.11 4.56 0.00	56.76 5.02 0.00	60.92 5.18 -0.01	64.61 5.66 0.00	75.23 6.84 -6.71	80.79 8.41 -5.62	100.81 9.22 -15.98	89.74 9.30 -1.59	87.69 7.57 -3.70	72.73 6.01 -0.01	64.48 4.44 0.00	57.82 4.25 -2.35	50.35 3.77 -0.01
KEDC_GLWD_GT5 24220	51.04 4.68 0.00	46.05 4.30 -0.02	40.32 3.90 -0.01	37.77 3.65 -0.01	37.19 3.50 -0.01	39.53 3.72 -0.01	43.27 4.22 -0.01	49.92 4.91 0.00	52.90 4.41 0.00	52.99 4.38 0.00	50.77 4.23 0.00	54.11 4.56 0.00	56.76 5.02 0.00	60.92 5.18 -0.01	64.61 5.66 0.00	75.23 6.84 -6.71	80.79 8.41 -5.62	100.81 9.22 -15.98	89.74 9.30 -1.59	87.69 7.57 -3.70	72.73 6.01 -0.01	64.48 4.44 0.00	57.82 4.25 -2.35	50.35 3.77 -0.01
KENSICO____ 23655	50.02 3.66 0.00	45.24 3.51 0.00	39.65 3.24 0.00	37.11 3.00 0.00	36.58 2.90 0.00	38.88 3.08 0.00	42.52 3.47 0.00	49.10 4.10 0.00	52.18 3.69 0.00	52.46 3.84 0.00	50.26 3.72 0.00	53.47 3.91 0.00	55.94 4.19 0.00	60.24 4.51 0.00	63.78 4.83 0.00	67.84 6.17 0.00	74.23 7.48 0.00	84.91 8.17 -1.14	87.12 8.28 0.00	82.92 6.50 0.00	71.99 5.27 0.00	63.94 3.90 0.00	54.76 3.53 0.00	49.69 3.12 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	50.16 3.80 0.00	45.33 3.59 0.00	39.65 3.24 0.00	37.11 3.00 0.00	36.55 2.86 0.00	38.95 3.15 0.00	42.56 3.51 0.00	48.97 3.96 0.00	52.05 3.73 0.18	52.23 3.79 0.18	50.08 3.63 0.09	53.21 3.87 0.21	55.68 4.24 0.31	59.87 4.63 0.48	63.40 5.07 0.62	67.27 6.35 0.76	73.46 7.68 0.97	84.30 8.69 0.00	87.78 9.22 0.28	83.68 7.41 0.15	72.72 6.00 0.00	64.54 4.50 0.00	55.11 3.89 0.00	49.92 3.35 0.00

KIAC_JFK_GT1 23816	50.35 3.99 0.00	45.41 3.67 0.00	39.87 3.46 0.00	37.52 3.41 0.00	36.95 3.27 0.00	39.06 3.26 0.00	42.83 3.79 0.00	49.51 4.50 0.00	52.71 4.22 0.00	53.01 4.38 -0.01	50.51 3.96 -0.01	53.78 4.21 -0.01	56.14 4.40 0.00	60.41 4.68 0.00	63.90 4.95 0.00	68.27 6.60 0.00	74.70 7.94 0.00	85.52 8.77 -1.14	87.67 8.83 0.00	83.30 6.88 0.00	72.32 5.60 0.00	64.00 3.96 0.00	55.22 4.00 0.00	50.06 3.49 0.00
KIAC_JFK_GT2 23817	50.35 3.99 0.00	45.41 3.67 0.00	39.87 3.46 0.00	37.52 3.41 0.00	36.95 3.27 0.00	39.06 3.26 0.00	42.83 3.79 0.00	49.51 4.50 0.00	52.71 4.22 0.00	53.01 4.38 -0.01	50.51 3.96 -0.01	53.78 4.21 -0.01	56.14 4.40 0.00	60.41 4.68 0.00	63.90 4.95 0.00	68.27 6.60 0.00	74.70 7.94 0.00	85.52 8.77 -1.14	87.67 8.83 0.00	83.30 6.88 0.00	72.32 5.60 0.00	64.00 3.96 0.00	55.22 4.00 0.00	50.06 3.49 0.00
KIAC_JFK____ 323774	50.44 4.08 0.00	45.41 3.67 0.00	39.87 3.46 0.00	37.52 3.41 0.00	36.92 3.23 0.00	39.06 3.26 0.00	42.83 3.79 0.00	49.55 4.54 0.00	52.86 4.37 0.00	53.05 4.42 -0.01	50.56 4.00 -0.01	53.78 4.21 -0.01	56.14 4.40 0.00	60.41 4.68 0.00	63.96 5.01 0.00	68.03 6.35 0.00	74.70 7.94 0.00	85.44 8.69 -1.14	87.59 8.75 0.00	83.45 7.03 0.00	72.32 5.61 0.00	64.00 3.96 0.00	55.17 3.94 0.00	50.07 3.49 0.00
KINTIGH__24_KV_GSU 356498	45.71 -0.65 0.00	42.07 0.33 0.00	35.94 -0.47 0.00	33.73 -0.37 0.00	33.01 -0.67 0.00	35.34 -0.47 0.00	38.07 -0.97 0.00	42.67 -2.34 0.00	46.21 -2.28 0.00	46.92 -1.70 0.00	45.29 -1.25 0.00	48.57 -0.99 0.00	50.87 -0.88 0.00	54.83 -0.89 0.00	57.59 -1.35 0.00	60.50 -1.17 0.00	65.96 -0.80 0.00	74.39 -1.21 0.00	78.92 0.08 0.00	74.97 -1.45 0.00	65.72 -1.00 0.00	58.72 -1.32 0.00	50.55 -0.67 0.00	45.87 -0.70 0.00
KINTIGH____ 23543	45.90 -0.46 0.00	42.07 0.33 0.00	35.94 -0.47 0.00	33.73 -0.38 0.00	33.28 -0.40 0.00	35.34 -0.47 0.00	38.07 -0.98 0.00	42.76 -2.25 0.00	46.31 -2.18 0.00	47.01 -1.60 0.00	45.38 -1.16 0.00	48.57 -0.99 0.00	50.87 -0.88 0.00	54.83 -0.89 0.00	57.65 -1.30 0.00	60.87 -0.80 0.00	65.96 -0.80 0.00	74.40 -1.21 0.00	78.92 0.08 0.00	75.58 -0.84 0.00	65.72 -1.00 0.00	58.72 -1.32 0.00	50.61 -0.61 0.00	46.15 -0.42 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	45.62 -0.74 0.00	40.90 -0.83 0.00	35.79 -0.62 0.00	33.66 -0.44 0.00	33.31 -0.37 0.00	35.30 -0.50 0.00	38.65 -0.39 0.00	44.56 -0.45 0.00	48.10 -0.39 0.00	48.18 -0.44 0.00	46.49 -0.05 0.00	49.06 -0.50 0.00	51.18 -0.57 0.00	54.28 -1.45 0.00	57.24 -1.71 0.00	59.08 -2.59 0.00	64.09 -2.67 0.00	72.66 -2.95 0.00	75.77 -3.07 0.00	74.36 -2.06 0.00	65.18 -1.53 0.00	58.72 -1.32 0.00	50.30 -0.92 0.00	46.39 -0.19 0.00
LACHUTE____HYDRO 323717	51.14 4.78 0.00	45.95 4.21 0.00	39.80 3.39 0.00	36.97 2.87 0.00	36.54 2.86 0.00	39.20 3.40 0.00	42.79 3.75 0.00	49.33 4.32 0.00	52.47 3.98 0.00	52.22 3.60 0.00	48.54 2.00 0.00	51.49 1.93 0.00	54.08 2.33 0.00	58.46 2.73 0.00	62.01 3.06 0.00	65.37 3.70 0.00	71.23 4.47 0.00	86.04 6.50 -3.93	87.91 9.06 0.00	85.43 9.01 0.00	74.45 7.74 0.00	66.88 6.84 0.00	56.24 5.02 0.00	50.85 4.28 0.00
LAWRNCALV_115KV_TB1 80681	46.27 -0.09 0.00	41.49 -0.25 0.00	36.27 -0.15 0.00	34.00 -0.10 0.00	33.68 0.00 0.00	35.73 -0.07 0.00	39.04 0.00 0.00	44.92 -0.09 0.00	48.88 0.39 0.00	48.96 0.34 0.00	46.91 0.37 0.00	49.80 0.25 0.00	51.69 -0.05 0.00	55.45 -0.28 0.00	58.65 -0.29 0.00	60.62 -1.05 0.00	65.29 -1.47 0.00	73.56 -2.04 0.00	76.64 -2.21 0.00	75.43 -0.99 0.00	66.12 -0.60 0.00	59.80 -0.24 0.00	51.27 0.05 0.00	47.04 0.47 0.00
LEDERLE____ 23769	49.93 3.57 0.00	45.16 3.42 0.00	39.62 3.20 0.00	37.07 2.97 0.00	36.55 2.86 0.00	38.88 3.08 0.00	42.44 3.40 0.00	48.92 3.92 0.00	52.08 3.59 0.00	52.31 3.69 0.00	50.17 3.63 0.00	53.42 3.87 0.00	55.99 4.24 0.00	60.29 4.57 0.00	63.90 4.95 0.00	67.90 6.23 0.00	74.23 7.48 0.00	84.83 8.17 -1.06	87.20 8.36 0.00	82.92 6.50 0.00	71.99 5.27 0.00	64.00 3.96 0.00	54.70 3.48 0.00	49.65 3.07 0.00
LIGHTHSE_115KV_TB6 355974	46.59 0.23 0.00	42.03 0.29 0.00	36.52 0.11 0.00	34.18 0.07 0.00	33.78 0.10 0.00	36.02 0.21 0.00	39.24 0.20 0.00	45.19 0.18 0.00	48.54 0.05 0.00	48.62 0.00 0.00	46.49 -0.05 0.00	49.61 0.05 0.00	51.59 -0.16 0.00	55.61 -0.11 0.00	58.77 -0.18 0.00	61.55 -0.12 0.00	66.42 -0.33 0.00	75.61 0.00 0.00	79.63 0.79 0.00	77.26 0.84 0.00	67.38 0.67 0.00	60.34 0.30 0.00	51.48 0.26 0.00	46.76 0.19 0.00
LINDEN COGEN____ 23786	50.30 3.94 0.00	45.33 3.59 0.00	39.76 3.35 0.00	37.24 3.14 0.00	36.65 2.96 0.00	38.99 3.19 0.00	42.71 3.67 0.00	49.33 4.32 0.00	52.57 4.07 0.00	52.76 4.13 -0.01	50.60 4.05 -0.01	53.73 4.16 -0.01	56.08 4.35 0.01	57.48 4.57 2.82	58.07 4.89 5.77	59.95 6.11 7.83	69.69 7.61 4.67	76.10 8.32 7.82	78.80 8.28 8.32	74.66 6.57 8.34	59.22 5.21 12.71	58.01 3.78 5.82	54.80 3.58 0.01	49.83 3.26 0.00
LINDHRST_69_KV_BK1 356055	51.51 5.15 0.00	47.01 5.26 -0.02	41.11 4.70 0.00	38.47 4.37 0.00	37.89 4.21 0.00	40.24 4.44 0.00	44.08 5.04 0.00	50.64 5.63 0.00	52.42 3.93 0.00	53.04 4.42 0.00	50.44 3.96 0.06	54.07 4.56 0.04	56.84 5.17 0.08	69.44 5.91 -7.81	73.89 6.48 -8.46	73.14 8.08 -3.39	79.22 9.61 -2.85	95.07 10.81 -8.65	90.70 11.04 -0.82	87.31 9.02 -1.87	73.86 7.14 0.00	65.39 5.34 -0.01	57.33 4.97 -1.14	50.28 3.77 0.06
LIPA_MISC_IPP 23656	50.76 4.40 0.00	46.43 4.67 -0.02	40.60 4.19 0.00	38.00 3.89 0.00	37.42 3.74 0.00	39.70 3.90 0.00	43.57 4.53 0.00	50.00 5.00 0.00	51.50 3.01 0.00	52.17 3.55 0.00	49.63 3.21 0.12	53.16 3.72 0.12	55.74 4.24 0.25	66.36 5.02 -5.62	70.46 5.42 -6.09	70.19 7.03 -1.48	76.56 8.54 -1.26	89.72 9.68 -4.44	88.98 9.78 -0.36	84.96 7.72 -0.82	72.65 5.94 0.00	64.25 4.20 0.00	55.62 3.89 -0.50	49.32 2.89 0.14
LISF____SOLAR 323691	51.55 5.19 0.00	46.55 4.80 -0.02	40.68 4.26 -0.01	38.07 3.95 -0.01	37.50 3.80 -0.01	39.78 3.97 -0.01	43.66 4.60 -0.01	50.23 5.22 0.00	52.71 4.22 0.00	52.51 3.89 0.00	49.86 3.44 0.13	53.25 3.82 0.12	55.83 4.35 0.26	66.91 5.12 -6.06	71.46 5.95 -6.56	70.08 6.91 -1.50	76.71 8.67 -1.27	90.00 9.90 -4.49	89.23 10.01 -0.37	85.43 8.18 -0.83	72.92 6.21 0.00	64.42 4.38 0.00	55.73 4.00 -0.51	49.83 3.40 0.14
LITTLE FALLS____HYD 24013	46.45 0.09 0.00	41.82 0.08 0.00	36.45 0.04 0.00	34.11 0.00 0.00	33.72 0.03 0.00	35.95 0.14 0.00	39.20 0.16 0.00	45.19 0.18 0.00	48.49 0.00 0.00	48.57 -0.05 0.00	46.35 -0.19 0.00	49.36 -0.20 0.00	51.49 -0.26 0.00	55.50 -0.22 0.00	58.71 -0.24 0.00	61.55 -0.12 0.00	66.62 -0.13 0.00	75.68 0.08 0.00	79.24 0.39 0.00	76.65 0.23 0.00	66.92 0.20 0.00	60.34 0.30 0.00	51.43 0.20 0.00	46.71 0.14 0.00

LITTLRIV_115KV_TB1 356100	46.82 0.46 0.00	41.99 0.25 0.00	36.67 0.25 0.00	34.38 0.27 0.00	34.05 0.37 0.00	36.20 0.39 0.00	39.51 0.47 0.00	45.41 0.41 0.00	49.36 0.87 0.00	49.35 0.73 0.00	47.24 0.70 0.00	50.10 0.55 0.00	52.00 0.26 0.00	55.78 0.06 0.00	59.01 0.06 0.00	60.93 -0.74 0.00	65.69 -1.07 0.00	74.17 -1.44 0.00	77.50 -1.34 0.00	76.50 0.08 0.00	67.12 0.40 0.00	60.70 0.66 0.00	51.89 0.67 0.00	47.60 1.02 0.00
LI_NEWBRDGE___DRP 323616	50.44 4.08 0.00	45.93 4.17 -0.02	40.23 3.82 0.00	37.69 3.58 0.00	37.15 3.47 0.00	39.49 3.69 0.00	43.18 4.14 0.00	49.69 4.68 0.00	51.60 3.10 0.00	52.17 3.55 0.00	49.75 3.21 0.00	53.22 3.67 0.00	55.94 4.19 0.00	60.46 4.74 0.00	64.14 5.19 0.00	68.68 6.66 -0.35	75.08 8.01 -0.31	86.39 8.85 -1.94	87.92 8.99 -0.09	83.72 7.11 -0.19	72.31 5.60 0.01	64.06 4.02 0.00	55.41 4.10 -0.09	49.59 3.03 0.01
LOCKPORT_115KV_TB60_63_64 80432	46.13 -0.23 0.00	42.36 0.63 0.00	36.08 -0.33 0.00	33.97 -0.14 0.00	33.48 -0.20 0.00	35.52 -0.29 0.00	37.95 -1.09 0.00	42.31 -2.70 0.00	45.87 -2.62 0.00	46.62 -1.99 0.00	44.87 -1.68 0.00	48.07 -1.49 0.00	50.45 -1.29 0.00	54.39 -1.34 0.00	57.12 -1.83 0.00	60.32 -1.36 0.00	65.36 -1.40 0.00	73.56 -2.04 0.00	78.37 -0.47 0.00	74.97 -1.45 0.00	65.12 -1.60 0.00	58.18 -1.86 0.00	50.25 -0.97 0.00	45.92 -0.65 0.00
LOCKPORT___CC1 323769	45.57 -0.79 0.00	42.15 0.42 0.00	35.87 -0.55 0.00	33.70 -0.41 0.00	33.11 -0.57 0.00	35.44 -0.36 0.00	37.91 -1.13 0.00	42.17 -2.83 0.00	45.78 -2.71 0.00	46.53 -2.09 0.00	44.68 -1.86 0.00	47.97 -1.59 0.00	50.35 -1.39 0.00	54.28 -1.45 0.00	56.88 -2.06 0.00	59.76 -1.91 0.00	65.15 -1.60 0.00	73.41 -2.19 0.00	78.13 -0.71 0.00	73.97 -2.45 0.00	64.92 -1.80 0.00	58.00 -2.04 0.00	50.09 -1.13 0.00	45.45 -1.12 0.00
LOCKPORT___CC2 323770	45.57 -0.79 0.00	42.15 0.42 0.00	35.87 -0.55 0.00	33.70 -0.41 0.00	33.11 -0.57 0.00	35.44 -0.36 0.00	37.91 -1.13 0.00	42.17 -2.83 0.00	45.78 -2.71 0.00	46.53 -2.09 0.00	44.68 -1.86 0.00	47.97 -1.59 0.00	50.35 -1.39 0.00	54.28 -1.45 0.00	56.88 -2.06 0.00	59.76 -1.91 0.00	65.15 -1.60 0.00	73.41 -2.19 0.00	78.13 -0.71 0.00	73.97 -2.45 0.00	64.92 -1.80 0.00	58.00 -2.04 0.00	50.09 -1.13 0.00	45.45 -1.12 0.00
LOCKPORT___CC3 323771	45.57 -0.79 0.00	42.15 0.42 0.00	35.87 -0.55 0.00	33.70 -0.41 0.00	33.11 -0.57 0.00	35.44 -0.36 0.00	37.91 -1.13 0.00	42.17 -2.83 0.00	45.78 -2.71 0.00	46.53 -2.09 0.00	44.68 -1.86 0.00	47.97 -1.59 0.00	50.35 -1.39 0.00	54.28 -1.45 0.00	56.88 -2.06 0.00	59.76 -1.91 0.00	65.15 -1.60 0.00	73.41 -2.19 0.00	78.13 -0.71 0.00	73.97 -2.45 0.00	64.92 -1.80 0.00	58.00 -2.04 0.00	50.09 -1.13 0.00	45.45 -1.12 0.00
LOCUSVLY_69_KV_BK2 55797	50.90 4.54 0.00	46.34 4.59 -0.02	40.56 4.15 0.00	37.96 3.85 0.00	37.42 3.74 0.00	39.74 3.94 0.00	43.49 4.45 0.00	50.10 5.09 0.00	52.32 3.83 0.00	52.85 4.23 0.00	50.59 4.05 0.00	54.11 4.56 0.00	56.87 5.12 0.00	61.35 5.63 0.00	65.08 6.13 0.00	74.83 7.65 -5.51	80.45 9.08 -4.62	98.92 9.98 -13.33	90.33 10.17 -1.31	87.64 8.18 -3.04	73.26 6.54 -0.01	64.84 4.80 0.00	57.71 4.56 -1.93	50.21 3.63 -0.01
LONG_LAKE_PHOENIX 24014	45.85 -0.51 0.00	41.36 -0.38 0.00	35.97 -0.44 0.00	33.66 -0.44 0.00	33.24 -0.44 0.00	35.37 -0.43 0.00	38.58 -0.47 0.00	44.38 -0.63 0.00	47.76 -0.73 0.00	47.89 -0.73 0.00	45.89 -0.65 0.00	49.01 -0.55 0.00	51.07 -0.67 0.00	55.06 -0.67 0.00	58.24 -0.71 0.00	61.12 -0.56 0.00	66.16 -0.60 0.00	75.08 -0.53 0.00	78.76 -0.08 0.00	76.11 -0.31 0.00	66.38 -0.33 0.00	59.44 -0.60 0.00	50.66 -0.56 0.00	46.01 -0.56 0.00
LOVETT___3 23632	49.65 3.29 0.00	44.91 3.17 0.00	39.43 3.02 0.00	36.90 2.80 0.00	36.41 2.73 0.00	38.67 2.86 0.00	42.25 3.20 0.00	48.70 3.69 0.00	51.79 3.30 0.00	52.07 3.45 0.00	49.89 3.35 0.00	53.07 3.52 0.00	55.57 3.83 0.00	59.85 4.12 0.00	63.37 4.42 0.00	67.41 5.74 0.00	73.70 6.94 0.00	84.24 7.56 -1.08	86.49 7.65 0.00	82.30 5.88 0.00	71.45 4.74 0.00	63.58 3.54 0.00	54.40 3.18 0.00	49.37 2.79 0.00
LOVETT___4 23642	49.65 3.29 0.00	44.91 3.17 0.00	39.43 3.02 0.00	36.90 2.80 0.00	36.41 2.73 0.00	38.67 2.86 0.00	42.25 3.20 0.00	48.70 3.69 0.00	51.79 3.30 0.00	52.07 3.45 0.00	49.89 3.35 0.00	53.07 3.52 0.00	55.57 3.83 0.00	59.85 4.12 0.00	63.37 4.42 0.00	67.41 5.74 0.00	73.70 6.94 0.00	84.24 7.56 -1.08	86.49 7.65 0.00	82.30 5.88 0.00	71.45 4.74 0.00	63.58 3.54 0.00	54.40 3.18 0.00	49.37 2.79 0.00
LOVETT___5 23593	49.65 3.29 0.00	44.91 3.17 0.00	39.43 3.02 0.00	36.90 2.80 0.00	36.41 2.73 0.00	38.67 2.86 0.00	42.25 3.20 0.00	48.70 3.69 0.00	51.79 3.30 0.00	52.07 3.45 0.00	49.89 3.35 0.00	53.07 3.52 0.00	55.57 3.83 0.00	59.85 4.12 0.00	63.37 4.42 0.00	67.41 5.74 0.00	73.70 6.94 0.00	84.24 7.56 -1.08	86.49 7.65 0.00	82.30 5.88 0.00	71.45 4.74 0.00	63.58 3.54 0.00	54.40 3.18 0.00	49.37 2.79 0.00
LOWER RAQUET___HYD 24057	46.31 -0.05 0.00	41.53 -0.21 0.00	36.30 -0.11 0.00	34.04 -0.07 0.00	33.72 0.03 0.00	35.80 0.00 0.00	39.08 0.04 0.00	45.01 0.00 0.00	48.93 0.44 0.00	49.01 0.39 0.00	46.96 0.42 0.00	49.86 0.30 0.00	51.75 0.00 0.00	55.50 -0.22 0.00	58.71 -0.23 0.00	60.87 -0.80 0.00	65.29 -1.47 0.00	73.49 -2.12 0.00	76.64 -2.21 0.00	75.42 -1.00 0.00	66.12 -0.60 0.00	59.80 -0.24 0.00	51.32 0.10 0.00	47.22 0.65 0.00
LOWER___HUDSON 24059	48.49 2.13 0.00	43.70 1.96 0.00	38.19 1.78 0.00	35.78 1.67 0.00	35.33 1.65 0.00	37.56 1.75 0.00	40.96 1.91 0.00	47.44 2.43 0.00	50.53 2.04 0.00	50.61 1.99 0.00	48.17 1.63 0.00	51.14 1.59 0.00	53.51 1.76 0.00	57.84 2.12 0.00	61.31 2.36 0.00	64.57 2.90 0.00	70.03 3.27 0.00	87.24 4.16 -7.48	83.41 4.57 0.00	80.16 3.74 0.00	69.92 3.20 0.00	62.68 2.64 0.00	53.27 2.05 0.00	48.34 1.77 0.00
LOWVILLE_115KV_TB2 356335	47.24 0.88 0.00	42.53 0.79 0.00	37.03 0.62 0.00	34.62 0.51 0.00	34.26 0.57 0.00	36.63 0.82 0.00	39.94 0.90 0.00	46.00 0.99 0.00	49.46 0.97 0.00	49.88 1.26 0.00	47.61 1.07 0.00	50.65 1.09 0.00	52.68 0.93 0.00	56.84 1.11 0.00	60.07 1.12 0.00	62.85 1.17 0.00	67.09 0.33 0.00	76.59 0.98 0.00	80.74 1.89 0.00	78.64 2.22 0.00	68.65 1.93 0.00	61.66 1.62 0.00	52.30 1.08 0.00	47.46 0.88 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	49.14 2.78 0.00	44.32 2.59 0.00	38.63 2.22 0.00	36.12 2.01 0.00	35.64 1.95 0.00	37.99 2.18 0.00	41.43 2.38 0.00	47.84 2.84 0.00	51.06 2.57 0.00	51.05 2.43 0.00	48.31 1.77 0.00	51.34 1.78 0.00	53.76 2.02 0.00	58.01 2.28 0.00	61.48 2.53 0.00	64.88 3.21 0.00	70.30 3.54 0.00	84.72 4.61 -4.51	84.28 5.44 0.00	81.08 4.66 0.00	70.92 4.20 0.00	63.64 3.60 0.00	54.04 2.82 0.00	49.04 2.47 0.00

LUTHERNY_35_KV_BK2 355980	49.19 2.83 0.00	44.32 2.59 0.00	38.67 2.26 0.00	36.12 2.01 0.00	35.67 1.99 0.00	37.99 2.18 0.00	41.43 2.38 0.00	47.89 2.88 0.00	51.11 2.62 0.00	51.05 2.43 0.00	48.36 1.82 0.00	51.34 1.78 0.00	53.76 2.02 0.00	58.07 2.34 0.00	61.54 2.59 0.00	64.94 3.27 0.00	70.36 3.60 0.00	84.80 4.69 -4.51	84.36 5.52 0.00	81.16 4.74 0.00	70.99 4.27 0.00	63.70 3.66 0.00	54.09 2.87 0.00	49.09 2.51 0.00
LWR___OSWEGATCHIE_HYD 23850	46.82 0.46 0.00	42.07 0.33 0.00	36.67 0.25 0.00	34.31 0.20 0.00	33.99 0.30 0.00	36.23 0.43 0.00	39.55 0.51 0.00	45.55 0.54 0.00	49.22 0.73 0.00	49.40 0.78 0.00	47.19 0.65 0.00	50.20 0.64 0.00	52.06 0.31 0.00	56.00 0.28 0.00	59.18 0.24 0.00	61.55 -0.12 0.00	66.09 -0.67 0.00	74.92 -0.68 0.00	78.69 -0.16 0.00	77.11 0.69 0.00	67.38 0.67 0.00	60.82 0.78 0.00	51.84 0.61 0.00	47.32 0.75 0.00
LYONS_FALL_HYD 23570	47.38 1.02 0.00	42.70 0.96 0.00	37.18 0.77 0.00	34.75 0.65 0.00	34.32 0.64 0.00	36.73 0.93 0.00	40.02 0.98 0.00	46.18 1.17 0.00	49.61 1.12 0.00	49.88 1.26 0.00	47.61 1.07 0.00	50.70 1.14 0.00	52.78 1.03 0.00	56.95 1.22 0.00	60.19 1.24 0.00	63.03 1.36 0.00	67.76 1.00 0.00	77.27 1.66 0.00	81.29 2.45 0.00	78.94 2.52 0.00	68.85 2.13 0.00	61.84 1.80 0.00	52.45 1.23 0.00	47.55 0.98 0.00
MADISON___COUNTY_LFGE 323628	47.84 1.48 0.00	43.16 1.42 0.00	37.54 1.13 0.00	35.10 0.99 0.00	34.66 0.98 0.00	37.02 1.22 0.00	40.33 1.29 0.00	46.49 1.49 0.00	49.95 1.45 0.00	49.98 1.36 0.00	47.80 1.26 0.00	50.89 1.34 0.00	53.14 1.40 0.00	57.34 1.62 0.00	60.66 1.71 0.00	63.71 2.04 0.00	69.03 2.27 0.00	78.63 3.02 0.00	82.63 3.78 0.00	79.94 3.52 0.00	69.72 3.00 0.00	62.44 2.40 0.00	53.01 1.79 0.00	47.97 1.40 0.00
MALONE___115KV_TB1 356076	45.94 -0.42 0.00	41.19 -0.54 0.00	36.05 -0.36 0.00	33.87 -0.24 0.00	33.55 -0.13 0.00	35.55 -0.25 0.00	38.93 -0.12 0.00	44.87 -0.14 0.00	48.69 0.19 0.00	48.76 0.15 0.00	46.91 0.37 0.00	49.70 0.15 0.00	51.69 -0.05 0.00	55.22 -0.50 0.00	58.42 -0.53 0.00	60.25 -1.42 0.00	65.22 -1.54 0.00	73.79 -1.81 0.00	76.95 -1.89 0.00	75.66 -0.76 0.00	66.38 -0.33 0.00	59.80 -0.24 0.00	51.12 -0.10 0.00	46.80 0.23 0.00
MAPLEWOD_115KV_TB3 80458	48.03 1.67 0.00	43.32 1.59 0.00	37.90 1.49 0.00	35.51 1.40 0.00	35.06 1.38 0.00	37.27 1.47 0.00	40.61 1.56 0.00	47.03 2.03 0.00	50.14 1.65 0.00	50.13 1.51 0.00	47.75 1.21 0.00	50.75 1.19 0.00	53.09 1.35 0.00	57.34 1.62 0.00	60.78 1.83 0.00	64.14 2.47 0.00	69.23 2.47 0.00	87.18 3.48 -8.10	82.63 3.78 0.00	79.25 2.83 0.00	69.19 2.47 0.00	61.96 1.92 0.00	52.76 1.54 0.00	47.92 1.35 0.00
MAPLE_RIDGE_WT_1 323574	45.76 -0.60 0.00	41.19 -0.54 0.00	36.01 -0.40 0.00	33.77 -0.34 0.00	33.38 -0.30 0.00	35.44 -0.36 0.00	38.69 -0.35 0.00	44.70 -0.31 0.00	48.25 -0.24 0.00	48.38 -0.24 0.00	46.31 -0.23 0.00	49.31 -0.25 0.00	51.44 -0.31 0.00	55.28 -0.45 0.00	58.42 -0.53 0.00	61.06 -0.62 0.00	66.02 -0.73 0.00	74.78 -0.83 0.00	77.98 -0.87 0.00	75.66 -0.76 0.00	65.99 -0.73 0.00	59.32 -0.72 0.00	50.55 -0.67 0.00	45.96 -0.61 0.00
MAPLE_RIDGE_WT_2 323611	45.76 -0.60 0.00	41.19 -0.54 0.00	36.01 -0.40 0.00	33.77 -0.34 0.00	33.38 -0.30 0.00	35.44 -0.36 0.00	38.69 -0.35 0.00	44.70 -0.31 0.00	48.25 -0.24 0.00	48.38 -0.24 0.00	46.31 -0.23 0.00	49.31 -0.25 0.00	51.44 -0.31 0.00	55.28 -0.45 0.00	58.42 -0.53 0.00	61.06 -0.62 0.00	66.02 -0.73 0.00	74.78 -0.83 0.00	77.98 -0.87 0.00	75.66 -0.76 0.00	65.99 -0.73 0.00	59.32 -0.72 0.00	50.55 -0.67 0.00	45.96 -0.61 0.00
MARBLE_RIVER_WT_PWR 323696	45.20 -1.16 0.00	40.53 -1.21 0.00	35.46 -0.95 0.00	33.32 -0.78 0.00	33.01 -0.67 0.00	34.98 -0.82 0.00	38.26 -0.78 0.00	44.11 -0.90 0.00	47.77 -0.73 0.00	47.89 -0.73 0.00	46.08 -0.47 0.00	48.76 -0.79 0.00	50.82 -0.93 0.00	54.22 -1.50 0.00	57.18 -1.77 0.00	59.33 -2.34 0.00	64.09 -2.67 0.00	72.50 -3.10 0.00	75.53 -3.31 0.00	74.13 -2.29 0.00	64.78 -1.94 0.00	58.48 -1.56 0.00	50.20 -1.02 0.00	46.25 -0.32 0.00
MARSHVLE_115KV_TB1 80742	50.63 4.27 0.00	45.62 3.88 0.00	39.65 3.24 0.00	37.04 2.93 0.00	36.61 2.93 0.00	39.13 3.33 0.00	42.64 3.59 0.00	48.97 3.96 0.00	52.13 3.64 0.00	51.88 3.26 0.00	49.15 2.61 0.00	51.93 2.38 0.00	54.44 2.69 0.00	58.57 2.84 0.00	62.01 3.07 0.00	64.88 3.21 0.00	70.23 3.47 0.00	82.53 4.84 -2.09	85.31 6.47 0.00	83.37 6.95 0.00	73.39 6.67 0.00	66.04 6.00 0.00	55.93 4.71 0.00	50.62 4.05 0.00
MARSH_HILL_WT_PWR 323713	46.50 0.14 0.00	42.78 1.04 0.00	36.78 0.36 0.00	34.58 0.48 0.00	33.95 0.27 0.00	36.41 0.61 0.00	39.35 0.31 0.00	44.34 -0.67 0.00	47.47 -1.02 0.00	47.84 -0.78 0.00	46.08 -0.47 0.00	49.46 -0.10 0.00	51.90 0.16 0.00	56.01 0.28 0.00	58.83 -0.12 0.00	61.74 0.06 0.00	67.49 0.74 0.00	76.44 0.83 0.00	81.44 2.60 0.00	78.25 1.83 0.00	68.52 1.80 0.00	61.00 0.96 0.00	52.14 0.92 0.00	47.08 0.51 0.00
MCINTYRE_115KV_TB2 80467	47.01 0.65 0.00	42.11 0.38 0.00	36.81 0.40 0.00	34.48 0.38 0.00	34.15 0.47 0.00	36.30 0.50 0.00	39.59 0.55 0.00	45.46 0.45 0.00	49.41 0.92 0.00	49.30 0.68 0.00	47.15 0.61 0.00	50.00 0.45 0.00	51.95 0.21 0.00	55.73 0.00 0.00	58.95 0.00 0.00	60.81 -0.86 0.00	65.69 -1.07 0.00	74.40 -1.21 0.00	77.74 -1.10 0.00	76.88 0.46 0.00	67.45 0.73 0.00	61.06 1.02 0.00	52.14 0.92 0.00	47.74 1.16 0.00
MECO_____69_KV_BK1 80468	51.14 4.78 0.00	46.04 4.30 0.00	39.98 3.57 0.00	37.31 3.21 0.00	36.88 3.20 0.00	39.45 3.65 0.00	43.03 3.98 0.00	49.51 4.50 0.00	52.71 4.22 0.00	52.46 3.84 0.00	49.61 3.07 0.00	52.48 2.92 0.00	55.01 3.26 0.00	59.24 3.51 0.00	62.78 3.83 0.00	65.99 4.32 0.00	71.50 4.74 0.00	84.34 6.50 -2.23	86.96 8.12 0.00	84.52 8.10 0.00	74.12 7.41 0.00	66.59 6.54 0.00	56.39 5.17 0.00	51.04 4.47 0.00
MENANDS___115KV_TB5 355628	47.71 1.34 0.00	42.99 1.25 0.00	37.69 1.27 0.00	35.30 1.19 0.00	34.86 1.18 0.00	37.02 1.22 0.00	40.33 1.29 0.00	46.76 1.76 0.00	49.80 1.31 0.00	49.83 1.22 0.00	47.47 0.93 0.00	50.50 0.94 0.00	52.78 1.03 0.00	57.01 1.28 0.00	60.42 1.47 0.00	63.77 2.10 0.00	68.76 2.00 0.00	85.47 2.95 -6.92	82.00 3.15 0.00	78.56 2.14 0.00	68.59 1.87 0.00	61.48 1.44 0.00	52.30 1.08 0.00	47.55 0.98 0.00
MG INDUSTRY___DRP 24185	47.57 1.21 0.00	42.91 1.17 0.00	37.54 1.13 0.00	35.16 1.06 0.00	34.69 1.01 0.00	36.88 1.07 0.00	40.14 1.09 0.00	46.36 1.35 0.00	47.32 0.00 1.18	47.27 -0.15 1.20	45.59 -0.37 0.58	47.65 -0.50 1.41	49.25 -0.47 2.03	52.11 -0.45 3.17	54.51 -0.35 4.08	56.83 0.12 4.96	60.32 -0.07 6.37	66.89 0.53 9.24	77.69 0.71 1.86	75.59 0.15 0.98	66.85 0.13 0.00	60.04 0.00 0.00	51.17 -0.05 0.00	46.52 -0.05 0.00

MID___OSWEGATCHIE_HYD 23849	46.82 0.46 0.00	42.07 0.33 0.00	36.67 0.25 0.00	34.31 0.20 0.00	33.99 0.30 0.00	36.23 0.43 0.00	39.55 0.51 0.00	45.55 0.54 0.00	49.22 0.73 0.00	49.40 0.78 0.00	47.19 0.65 0.00	50.20 0.64 0.00	52.06 0.31 0.00	56.00 0.28 0.00	59.18 0.24 0.00	61.55 -0.12 0.00	66.09 -0.67 0.00	74.92 -0.68 0.00	78.69 -0.16 0.00	77.11 0.69 0.00	67.38 0.67 0.00	60.82 0.78 0.00	51.84 0.61 0.00	47.32 0.75 0.00
MID___RAQUETTE_HYD 23851	46.31 -0.05 0.00	41.53 -0.21 0.00	36.30 -0.11 0.00	34.04 -0.07 0.00	33.72 0.03 0.00	35.80 0.00 0.00	39.08 0.04 0.00	45.01 0.00 0.00	48.93 0.44 0.00	49.01 0.39 0.00	46.96 0.42 0.00	49.85 0.30 0.00	51.75 0.00 0.00	55.50 -0.22 0.00	58.71 -0.24 0.00	60.69 -0.99 0.00	65.29 -1.47 0.00	73.49 -2.12 0.00	76.64 -2.21 0.00	75.43 -0.99 0.00	66.12 -0.60 0.00	59.80 -0.24 0.00	51.27 0.05 0.00	47.08 0.51 0.00
MILLIKEN___1 23584	47.43 1.07 0.00	42.91 1.17 0.00	37.21 0.80 0.00	34.82 0.72 0.00	34.39 0.71 0.00	36.63 0.82 0.00	39.90 0.86 0.00	45.86 0.86 0.00	49.27 0.78 0.00	49.30 0.68 0.00	47.24 0.70 0.00	50.40 0.84 0.00	52.62 0.88 0.00	56.78 1.06 0.00	60.01 1.06 0.00	63.15 1.48 0.00	68.49 1.74 0.00	77.95 2.34 0.00	82.23 3.39 0.00	79.48 3.06 0.00	69.25 2.54 0.00	61.90 1.86 0.00	52.71 1.49 0.00	47.69 1.12 0.00
MILLIKEN___2 23585	47.43 1.07 0.00	42.91 1.17 0.00	37.21 0.80 0.00	34.82 0.72 0.00	34.39 0.71 0.00	36.63 0.82 0.00	39.90 0.86 0.00	45.86 0.86 0.00	49.27 0.78 0.00	49.30 0.68 0.00	47.24 0.70 0.00	50.40 0.84 0.00	52.62 0.88 0.00	56.78 1.06 0.00	60.01 1.06 0.00	63.15 1.48 0.00	68.49 1.74 0.00	77.95 2.34 0.00	82.23 3.39 0.00	79.48 3.06 0.00	69.25 2.54 0.00	61.90 1.86 0.00	52.71 1.49 0.00	47.69 1.12 0.00
MILLIKEN___DIESEL 23629	47.43 1.07 0.00	42.91 1.17 0.00	37.21 0.80 0.00	34.82 0.72 0.00	34.39 0.71 0.00	36.63 0.82 0.00	39.90 0.86 0.00	45.86 0.86 0.00	49.27 0.78 0.00	49.30 0.68 0.00	47.24 0.70 0.00	50.40 0.84 0.00	52.62 0.88 0.00	56.78 1.06 0.00	60.01 1.06 0.00	63.15 1.48 0.00	68.49 1.74 0.00	77.95 2.34 0.00	82.23 3.39 0.00	79.48 3.06 0.00	69.25 2.54 0.00	61.90 1.86 0.00	52.71 1.49 0.00	47.69 1.12 0.00
MILLSEAT___LFGE 323607	46.78 0.42 0.00	43.07 1.34 0.00	36.70 0.29 0.00	34.45 0.34 0.00	33.92 0.24 0.00	36.27 0.46 0.00	38.89 -0.16 0.00	43.52 -1.48 0.00	47.08 -1.41 0.00	47.74 -0.87 0.00	46.03 -0.51 0.00	49.46 -0.10 0.00	51.90 0.16 0.00	55.95 0.22 0.00	58.71 -0.23 0.00	61.67 0.00 0.00	67.29 0.53 0.00	75.91 0.30 0.00	80.89 2.05 0.00	76.73 0.31 0.00	67.45 0.74 0.00	60.16 0.12 0.00	51.68 0.46 0.00	46.81 0.23 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	49.88 3.52 0.00	45.12 3.38 0.00	39.54 3.13 0.00	37.01 2.90 0.00	36.51 2.83 0.00	38.77 2.97 0.00	42.40 3.36 0.00	48.92 3.92 0.00	52.03 3.54 0.00	52.27 3.65 0.00	50.08 3.54 0.00	53.32 3.77 0.00	55.78 4.04 0.00	60.02 4.29 0.00	63.60 4.66 0.00	67.66 5.98 0.00	73.97 7.21 0.00	84.67 7.94 -1.13	86.88 8.04 0.00	82.69 6.27 0.00	71.79 5.07 0.00	63.82 3.78 0.00	54.60 3.38 0.00	49.55 2.98 0.00
MILLWOOD_13_KV_LOAD 356217	50.02 3.66 0.00	45.24 3.51 0.00	39.65 3.24 0.00	37.11 3.00 0.00	36.61 2.93 0.00	38.88 3.08 0.00	42.52 3.47 0.00	49.06 4.05 0.00	52.18 3.69 0.00	52.41 3.79 0.00	50.26 3.72 0.00	53.47 3.91 0.00	55.94 4.19 0.00	60.24 4.51 0.00	63.78 4.83 0.00	67.84 6.17 0.00	74.23 7.48 0.00	84.98 8.24 -1.13	87.28 8.44 0.00	82.99 6.57 0.00	72.06 5.34 0.00	64.06 4.02 0.00	54.76 3.53 0.00	49.74 3.17 0.00
MODEL_CITY_ENERGY 24167	45.11 -1.25 0.00	41.70 -0.04 0.00	35.46 -0.95 0.00	33.36 -0.75 0.00	32.91 -0.77 0.00	35.19 -0.61 0.00	37.56 -1.48 0.00	41.68 -3.33 0.00	45.24 -3.25 0.00	46.04 -2.58 0.00	44.35 -2.19 0.00	47.62 -1.93 0.00	49.99 -1.76 0.00	53.89 -1.84 0.00	56.41 -2.53 0.00	59.27 -2.41 0.00	64.76 -2.00 0.00	72.89 -2.72 0.00	77.58 -1.26 0.00	73.44 -2.98 0.00	64.38 -2.34 0.00	57.58 -2.46 0.00	49.73 -1.49 0.00	45.22 -1.35 0.00
MODERN_LFGE___ 323580	45.11 -1.25 0.00	41.70 -0.04 0.00	35.46 -0.95 0.00	33.36 -0.75 0.00	32.91 -0.77 0.00	35.19 -0.61 0.00	37.56 -1.48 0.00	41.68 -3.33 0.00	45.24 -3.25 0.00	46.04 -2.58 0.00	44.35 -2.19 0.00	47.62 -1.93 0.00	49.99 -1.76 0.00	53.89 -1.84 0.00	56.41 -2.53 0.00	59.27 -2.41 0.00	64.76 -2.00 0.00	72.89 -2.72 0.00	77.58 -1.26 0.00	73.44 -2.98 0.00	64.38 -2.34 0.00	57.58 -2.46 0.00	49.73 -1.49 0.00	45.22 -1.35 0.00
MOHAWK_PAPER___DRP 24187	48.03 1.67 0.00	43.32 1.59 0.00	37.90 1.49 0.00	35.51 1.40 0.00	35.06 1.38 0.00	37.27 1.47 0.00	40.61 1.56 0.00	47.03 2.03 0.00	50.14 1.65 0.00	50.13 1.51 0.00	47.75 1.21 0.00	50.75 1.19 0.00	53.09 1.35 0.00	57.34 1.62 0.00	60.78 1.83 0.00	64.14 2.47 0.00	69.23 2.47 0.00	87.18 3.48 -8.10	82.63 3.78 0.00	79.25 2.83 0.00	69.19 2.47 0.00	61.96 1.92 0.00	52.76 1.54 0.00	47.92 1.35 0.00
MOHICAN___35_KV_115KV_LD 80490	49.23 2.87 0.00	44.41 2.67 0.00	38.70 2.29 0.00	36.12 2.01 0.00	35.67 1.99 0.00	38.02 2.22 0.00	41.54 2.50 0.00	47.98 2.97 0.00	51.11 2.62 0.00	51.05 2.43 0.00	48.03 1.49 0.00	50.99 1.44 0.00	53.40 1.66 0.00	57.68 1.95 0.00	61.13 2.18 0.00	64.51 2.84 0.00	69.89 3.14 0.00	84.57 4.39 -4.58	84.52 5.68 0.00	81.31 4.89 0.00	71.25 4.54 0.00	63.94 3.90 0.00	54.19 2.97 0.00	49.13 2.56 0.00
MONGAUP___HYD 23641	49.88 3.52 0.00	45.03 3.30 0.00	39.40 2.99 0.00	36.87 2.76 0.00	36.31 2.63 0.00	38.70 2.90 0.00	42.25 3.20 0.00	48.56 3.55 0.00	51.69 3.20 0.00	51.73 3.11 0.00	49.47 2.93 0.00	52.63 3.07 0.00	55.11 3.36 0.00	59.40 3.68 0.00	62.96 4.01 0.00	66.73 5.06 0.00	73.23 6.47 0.00	84.04 7.49 -0.95	87.04 8.20 0.00	83.22 6.80 0.00	72.25 5.53 0.00	64.18 4.14 0.00	54.71 3.48 0.00	49.60 3.03 0.00
MONTAUK___DIESEL 23721	51.69 5.33 0.00	47.18 5.43 -0.02	41.29 4.88 0.00	38.71 4.60 0.00	38.16 4.48 0.00	40.38 4.58 0.00	44.43 5.39 0.00	51.13 6.12 0.00	53.10 4.61 0.00	54.01 5.40 0.00	51.72 5.31 0.12	55.73 6.29 0.12	58.53 7.04 0.26	69.50 8.02 -5.75	73.55 8.37 -6.23	73.15 9.99 -1.49	79.30 11.28 -1.26	92.91 12.85 -4.46	91.74 12.54 -0.37	87.33 10.09 -0.82	74.32 7.61 0.00	65.81 5.76 0.00	56.95 5.22 -0.51	50.86 4.42 0.14
MOONROAD_115KV_HARTFLD_TB1-2 355988	47.01 0.65 0.00	43.36 1.63 0.00	37.07 0.66 0.00	34.86 0.75 0.00	34.39 0.71 0.00	36.59 0.79 0.00	39.40 0.35 0.00	44.74 -0.27 0.00	48.44 -0.05 0.00	49.25 0.63 0.00	47.66 1.12 0.00	51.04 1.49 0.00	53.61 1.86 0.00	57.84 2.12 0.00	60.60 1.65 0.00	64.02 2.34 0.00	69.43 2.67 0.00	77.57 1.97 0.00	82.55 3.71 0.00	78.79 2.37 0.00	68.25 1.53 0.00	60.88 0.84 0.00	52.40 1.18 0.00	47.50 0.93 0.00

MORRIS_RIDGE___SOLAR 323848	46.08 -0.28 0.00	42.45 0.71 0.00	36.45 0.04 0.00	34.24 0.14 0.00	33.62 -0.07 0.00	35.98 0.18 0.00	38.73 -0.31 0.00	43.43 -1.58 0.00	46.60 -1.89 0.00	47.06 -1.56 0.00	45.33 -1.21 0.00	48.67 -0.89 0.00	51.07 -0.67 0.00	55.11 -0.61 0.00	57.83 -1.12 0.00	60.75 -0.92 0.00	66.36 -0.40 0.00	75.00 -0.61 0.00	79.87 1.02 0.00	76.65 0.23 0.00	67.19 0.47 0.00	59.92 -0.12 0.00	51.32 0.10 0.00	46.43 -0.14 0.00
MORTIMER_115KV_TB3 55949	46.73 0.37 0.00	42.53 0.79 0.00	36.52 0.11 0.00	34.21 0.10 0.00	33.82 0.13 0.00	35.87 0.07 0.00	38.85 -0.20 0.00	44.11 -0.90 0.00	47.67 -0.82 0.00	48.18 -0.44 0.00	46.49 -0.05 0.00	49.75 0.20 0.00	52.11 0.36 0.00	56.17 0.45 0.00	59.18 0.24 0.00	62.35 0.68 0.00	67.56 0.80 0.00	76.36 0.76 0.00	80.81 1.97 0.00	77.57 1.15 0.00	67.58 0.87 0.00	60.40 0.36 0.00	51.68 0.46 0.00	46.94 0.37 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	50.44 4.08 0.00	45.58 3.84 0.00	39.94 3.53 0.00	37.38 3.27 0.00	36.85 3.17 0.00	39.13 3.33 0.00	42.83 3.79 0.00	49.46 4.46 0.00	52.61 4.12 0.00	52.91 4.28 -0.02	50.70 4.14 -0.02	53.94 4.36 -0.02	56.35 4.61 0.00	60.63 4.90 0.00	64.14 5.19 0.00	68.33 6.66 0.00	74.77 8.01 0.00	85.52 8.77 -1.14	87.67 8.83 0.00	83.37 6.95 0.00	72.32 5.60 0.00	64.24 4.20 0.00	55.11 3.89 0.00	50.06 3.49 0.00
MUNSVILLE_WIND_PWR 323609	50.02 3.66 0.00	45.37 3.63 0.00	39.36 2.95 0.00	36.70 2.59 0.00	36.24 2.56 0.00	38.99 3.19 0.00	42.40 3.36 0.00	48.74 3.73 0.00	52.08 3.59 0.00	51.68 3.06 0.00	49.33 2.79 0.00	52.53 2.97 0.00	54.75 3.00 0.00	59.24 3.51 0.00	62.54 3.60 0.00	65.81 4.13 0.00	72.10 5.34 0.00	82.79 7.19 0.00	87.98 9.14 0.00	85.05 8.63 0.00	74.12 7.40 0.00	66.04 6.00 0.00	55.73 4.51 0.00	50.25 3.68 0.00
N SALMON___HYD 24042	45.99 -0.37 0.00	41.19 -0.54 0.00	36.05 -0.36 0.00	33.87 -0.24 0.00	33.55 -0.13 0.00	35.55 -0.25 0.00	38.93 -0.12 0.00	44.87 -0.13 0.00	48.69 0.19 0.00	48.76 0.15 0.00	46.91 0.37 0.00	49.71 0.15 0.00	51.69 -0.05 0.00	55.22 -0.50 0.00	58.42 -0.53 0.00	60.50 -1.17 0.00	65.22 -1.53 0.00	73.87 -1.74 0.00	77.03 -1.81 0.00	75.66 -0.76 0.00	66.39 -0.33 0.00	59.80 -0.24 0.00	51.22 0.00 0.00	47.04 0.47 0.00
N.AKRON__115KV_KNAPP 355671	47.29 0.93 0.00	43.32 1.59 0.00	36.88 0.47 0.00	34.69 0.58 0.00	34.29 0.61 0.00	36.34 0.54 0.00	38.93 -0.12 0.00	43.70 -1.31 0.00	47.28 -1.21 0.00	47.94 -0.68 0.00	46.22 -0.33 0.00	49.51 -0.05 0.00	51.95 0.21 0.00	56.00 0.28 0.00	58.83 -0.12 0.00	62.17 0.49 0.00	67.36 0.60 0.00	75.98 0.38 0.00	81.05 2.21 0.00	77.57 1.15 0.00	67.52 0.80 0.00	60.28 0.24 0.00	51.79 0.56 0.00	47.18 0.61 0.00
N.E_GEN_SANDY PD 24062	57.40 2.36 -8.68	52.52 2.21 -8.57	49.40 2.07 -10.91	44.70 1.94 -8.65	42.60 1.89 -7.03	45.90 2.00 -8.09	50.30 2.22 -9.03	47.85 2.84 0.00	50.92 2.42 0.00	51.00 2.38 0.00	48.68 2.14 0.00	51.73 2.18 0.00	54.08 2.33 0.00	58.40 2.67 0.00	61.89 2.95 0.00	65.31 3.64 0.00	72.10 5.34 0.00	85.60 5.14 -4.85	82.73 5.28 1.40	80.47 4.05 0.00	70.12 3.40 0.00	62.68 2.64 0.00	53.67 2.15 -0.30	48.14 1.86 0.30
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	49.74 3.38 0.00	45.03 3.30 0.00	39.51 3.09 0.00	36.97 2.86 0.00	36.44 2.76 0.00	38.74 2.94 0.00	42.32 3.28 0.00	48.79 3.78 0.00	51.89 3.39 0.00	52.17 3.55 0.00	49.99 3.44 0.00	53.22 3.67 0.00	55.73 3.98 0.00	60.02 4.29 0.00	63.60 4.66 0.00	67.66 5.98 0.00	73.97 7.21 0.00	84.53 7.86 -1.07	86.81 7.96 0.00	82.61 6.19 0.00	71.72 5.00 0.00	63.76 3.72 0.00	54.55 3.33 0.00	49.46 2.89 0.00
N.QUEENS_27_KV_LOAD 356247	50.91 4.54 -0.01	45.96 4.22 -0.01	40.02 3.60 0.00	37.45 3.34 0.00	36.92 3.23 0.00	39.31 3.51 0.00	43.03 3.98 0.00	49.69 4.68 0.00	52.86 4.36 0.00	53.20 4.57 -0.02	51.01 4.47 0.00	54.28 4.71 -0.02	56.56 4.81 0.00	60.63 4.90 0.00	63.66 4.72 0.00	68.15 6.48 0.00	74.70 7.94 0.00	85.74 9.00 -1.14	87.75 8.91 0.00	83.45 7.03 0.00	72.52 5.80 0.00	64.24 4.20 0.00	55.83 4.61 0.00	50.25 3.68 0.00
N.TROY___115KV_TB1 355778	48.45 2.09 0.00	43.70 1.96 0.00	38.23 1.82 0.00	35.78 1.67 0.00	35.30 1.62 0.00	37.56 1.75 0.00	40.96 1.91 0.00	47.44 2.43 0.00	50.58 2.09 0.00	50.61 1.99 0.00	48.12 1.58 0.00	51.14 1.59 0.00	53.50 1.76 0.00	57.84 2.12 0.00	61.25 2.30 0.00	64.70 3.02 0.00	70.03 3.27 0.00	87.24 4.16 -7.48	83.42 4.57 0.00	80.01 3.59 0.00	69.92 3.20 0.00	62.68 2.64 0.00	53.27 2.05 0.00	48.39 1.82 0.00
NARROWS_GT1_1 24228	51.05 4.68 -0.01	46.04 4.30 -0.01	40.39 3.97 -0.01	37.80 3.68 -0.01	37.19 3.50 -0.01	39.53 3.72 -0.01	43.19 4.14 -0.01	49.92 4.91 -0.01	53.05 4.56 0.00	53.30 4.67 -0.02	51.13 4.56 -0.02	54.43 4.86 -0.02	56.56 4.81 0.00	60.63 4.90 0.00	63.77 4.83 0.01	67.83 6.17 0.01	74.56 7.81 0.01	85.43 8.69 -1.13	87.35 8.52 0.01	83.14 6.73 0.01	72.11 5.40 0.01	63.93 3.90 0.01	55.63 4.41 0.00	50.68 4.10 -0.01
NARROWS_GT1_2 24229	51.05 4.68 -0.01	46.04 4.30 -0.01	40.39 3.97 -0.01	37.80 3.68 -0.01	37.19 3.50 -0.01	39.53 3.72 -0.01	43.19 4.14 -0.01	49.92 4.91 -0.01	53.05 4.56 0.00	53.30 4.67 -0.02	51.13 4.56 -0.02	54.43 4.86 -0.02	56.56 4.81 0.00	60.63 4.90 0.00	63.77 4.83 0.01	67.83 6.17 0.01	74.56 7.81 0.01	85.43 8.69 -1.13	87.35 8.52 0.01	83.14 6.73 0.01	72.11 5.40 0.01	63.93 3.90 0.01	55.63 4.41 0.00	50.68 4.10 -0.01
NARROWS_GT1_3 24230	51.05 4.68 -0.01	46.04 4.30 -0.01	40.39 3.97 -0.01	37.80 3.68 -0.01	37.19 3.50 -0.01	39.53 3.72 -0.01	43.19 4.14 -0.01	49.92 4.91 -0.01	53.05 4.56 0.00	53.30 4.67 -0.02	51.13 4.56 -0.02	54.43 4.86 -0.02	56.56 4.81 0.00	60.63 4.90 0.00	63.77 4.83 0.01	67.83 6.17 0.01	74.56 7.81 0.01	85.43 8.69 -1.13	87.35 8.52 0.01	83.14 6.73 0.01	72.11 5.40 0.01	63.93 3.90 0.01	55.63 4.41 0.00	50.68 4.10 -0.01
NARROWS_GT1_4 24231	51.05 4.68 -0.01	46.04 4.30 -0.01	40.39 3.97 -0.01	37.80 3.68 -0.01	37.19 3.50 -0.01	39.53 3.72 -0.01	43.19 4.14 -0.01	49.92 4.91 -0.01	53.05 4.56 0.00	53.30 4.67 -0.02	51.13 4.56 -0.02	54.43 4.86 -0.02	56.56 4.81 0.00	60.63 4.90 0.00	63.77 4.83 0.01	67.83 6.17 0.01	74.56 7.81 0.01	85.43 8.69 -1.13	87.35 8.52 0.01	83.14 6.73 0.01	72.11 5.40 0.01	63.93 3.90 0.01	55.63 4.41 0.00	50.68 4.10 -0.01
NARROWS_GT1_5 24232	51.05 4.68 -0.01	46.04 4.30 -0.01	40.39 3.97 -0.01	37.80 3.68 -0.01	37.19 3.50 -0.01	39.53 3.72 -0.01	43.19 4.14 -0.01	49.92 4.91 -0.01	53.05 4.56 0.00	53.30 4.67 -0.02	51.13 4.56 -0.02	54.43 4.86 -0.02	56.56 4.81 0.00	60.63 4.90 0.00	63.77 4.83 0.01	67.83 6.17 0.01	74.56 7.81 0.01	85.43 8.69 -1.13	87.35 8.52 0.01	83.14 6.73 0.01	72.11 5.40 0.01	63.93 3.90 0.01	55.63 4.41 0.00	50.68 4.10 -0.01

NARROWS_GT1_6 24233	51.05 4.68 -0.01	46.04 4.30 -0.01	40.39 3.97 -0.01	37.80 3.68 -0.01	37.19 3.50 -0.01	39.53 3.72 -0.01	43.19 4.14 -0.01	49.92 4.91 -0.01	53.05 4.56 0.00	53.30 4.67 -0.02	51.13 4.56 -0.02	54.43 4.86 -0.02	56.56 4.81 0.00	60.63 4.90 0.00	63.77 4.83 0.01	67.83 6.17 0.01	74.56 7.81 0.01	85.43 8.69 -1.13	87.35 8.52 0.01	83.14 6.73 0.01	72.11 5.40 0.01	63.93 3.90 0.01	55.63 4.41 0.00	50.68 4.10 -0.01
NARROWS_GT1_7 24234	51.05 4.68 -0.01	46.04 4.30 -0.01	40.39 3.97 -0.01	37.80 3.68 -0.01	37.19 3.50 -0.01	39.53 3.72 -0.01	43.19 4.14 -0.01	49.92 4.91 -0.01	53.05 4.56 0.00	53.30 4.67 -0.02	51.13 4.56 -0.02	54.43 4.86 -0.02	56.56 4.81 0.00	60.63 4.90 0.00	63.77 4.83 0.01	67.83 6.17 0.01	74.56 7.81 0.01	85.43 8.69 -1.13	87.35 8.52 0.01	83.14 6.73 0.01	72.11 5.40 0.01	63.93 3.90 0.01	55.63 4.41 0.00	50.68 4.10 -0.01
NARROWS_GT1_8 24235	51.05 4.68 -0.01	46.04 4.30 -0.01	40.39 3.97 -0.01	37.80 3.68 -0.01	37.19 3.50 -0.01	39.53 3.72 -0.01	43.19 4.14 -0.01	49.92 4.91 -0.01	53.05 4.56 0.00	53.30 4.67 -0.02	51.13 4.56 -0.02	54.43 4.86 -0.02	56.56 4.81 0.00	60.63 4.90 0.00	63.77 4.83 0.01	67.83 6.17 0.01	74.56 7.81 0.01	85.43 8.69 -1.13	87.35 8.52 0.01	83.14 6.73 0.01	72.11 5.40 0.01	63.93 3.90 0.01	55.63 4.41 0.00	50.68 4.10 -0.01
NARROWS_GT2_1 24236	51.05 4.68 -0.01	46.04 4.30 -0.01	40.39 3.97 -0.01	37.80 3.68 -0.01	37.19 3.50 -0.01	39.53 3.72 -0.01	43.19 4.14 -0.01	49.92 4.91 -0.01	53.05 4.56 0.00	53.30 4.67 -0.02	51.13 4.56 -0.02	54.43 4.86 -0.02	56.56 4.81 0.00	60.63 4.90 0.00	63.77 4.83 0.01	67.84 6.17 0.00	74.57 7.81 0.00	85.44 8.69 -1.14	87.36 8.52 0.00	83.14 6.73 0.01	72.11 5.40 0.01	63.93 3.90 0.01	55.63 4.41 0.00	50.68 4.10 -0.01
NARROWS_GT2_2 24237	51.05 4.68 -0.01	46.04 4.30 -0.01	40.39 3.97 -0.01	37.80 3.68 -0.01	37.19 3.50 -0.01	39.53 3.72 -0.01	43.19 4.14 -0.01	49.92 4.91 -0.01	53.05 4.56 0.00	53.30 4.67 -0.02	51.13 4.56 -0.02	54.43 4.86 -0.02	56.56 4.81 0.00	60.63 4.90 0.00	63.77 4.83 0.01	67.84 6.17 0.00	74.57 7.81 0.00	85.44 8.69 -1.14	87.36 8.52 0.00	83.14 6.73 0.01	72.11 5.40 0.01	63.93 3.90 0.01	55.63 4.41 0.00	50.68 4.10 -0.01
NARROWS_GT2_3 24238	51.05 4.68 -0.01	46.04 4.30 -0.01	40.39 3.97 -0.01	37.80 3.68 -0.01	37.19 3.50 -0.01	39.53 3.72 -0.01	43.19 4.14 -0.01	49.92 4.91 -0.01	53.05 4.56 0.00	53.30 4.67 -0.02	51.13 4.56 -0.02	54.43 4.86 -0.02	56.56 4.81 0.00	60.63 4.90 0.00	63.77 4.83 0.01	67.84 6.17 0.00	74.57 7.81 0.00	85.44 8.69 -1.14	87.36 8.52 0.00	83.14 6.73 0.01	72.11 5.40 0.01	63.93 3.90 0.01	55.63 4.41 0.00	50.68 4.10 -0.01
NARROWS_GT2_4 24239	51.05 4.68 -0.01	46.04 4.30 -0.01	40.39 3.97 -0.01	37.80 3.68 -0.01	37.19 3.50 -0.01	39.53 3.72 -0.01	43.19 4.14 -0.01	49.92 4.91 -0.01	53.05 4.56 0.00	53.30 4.67 -0.02	51.13 4.56 -0.02	54.43 4.86 -0.02	56.56 4.81 0.00	60.63 4.90 0.00	63.77 4.83 0.01	67.84 6.17 0.00	74.57 7.81 0.00	85.44 8.69 -1.14	87.36 8.52 0.00	83.14 6.73 0.01	72.11 5.40 0.01	63.93 3.90 0.01	55.63 4.41 0.00	50.68 4.10 -0.01
NARROWS_GT2_5 24240	51.05 4.68 -0.01	46.04 4.30 -0.01	40.39 3.97 -0.01	37.80 3.68 -0.01	37.19 3.50 -0.01	39.53 3.72 -0.01	43.19 4.14 -0.01	49.92 4.91 -0.01	53.05 4.56 0.00	53.30 4.67 -0.02	51.13 4.56 -0.02	54.43 4.86 -0.02	56.56 4.81 0.00	60.63 4.90 0.00	63.77 4.83 0.01	67.84 6.17 0.00	74.57 7.81 0.00	85.44 8.69 -1.14	87.36 8.52 0.00	83.14 6.73 0.01	72.11 5.40 0.01	63.93 3.90 0.01	55.63 4.41 0.00	50.68 4.10 -0.01
NARROWS_GT2_6 24241	51.05 4.68 -0.01	46.04 4.30 -0.01	40.39 3.97 -0.01	37.80 3.68 -0.01	37.19 3.50 -0.01	39.53 3.72 -0.01	43.19 4.14 -0.01	49.92 4.91 -0.01	53.05 4.56 0.00	53.30 4.67 -0.02	51.13 4.56 -0.02	54.43 4.86 -0.02	56.56 4.81 0.00	60.63 4.90 0.00	63.77 4.83 0.01	67.84 6.17 0.00	74.57 7.81 0.00	85.44 8.69 -1.14	87.36 8.52 0.00	83.14 6.73 0.01	72.11 5.40 0.01	63.93 3.90 0.01	55.63 4.41 0.00	50.68 4.10 -0.01
NARROWS_GT2_7 24242	51.05 4.68 -0.01	46.04 4.30 -0.01	40.39 3.97 -0.01	37.80 3.68 -0.01	37.19 3.50 -0.01	39.53 3.72 -0.01	43.19 4.14 -0.01	49.92 4.91 -0.01	53.05 4.56 0.00	53.30 4.67 -0.02	51.13 4.56 -0.02	54.43 4.86 -0.02	56.56 4.81 0.00	60.63 4.90 0.00	63.77 4.83 0.01	67.84 6.17 0.00	74.57 7.81 0.00	85.44 8.69 -1.14	87.36 8.52 0.00	83.14 6.73 0.01	72.11 5.40 0.01	63.93 3.90 0.01	55.63 4.41 0.00	50.68 4.10 -0.01
NARROWS_GT2_8 24243	51.05 4.68 -0.01	46.04 4.30 -0.01	40.39 3.97 -0.01	37.80 3.68 -0.01	37.19 3.50 -0.01	39.53 3.72 -0.01	43.19 4.14 -0.01	49.92 4.91 -0.01	53.05 4.56 0.00	53.30 4.67 -0.02	51.13 4.56 -0.02	54.43 4.86 -0.02	56.56 4.81 0.00	60.63 4.90 0.00	63.77 4.83 0.01	67.84 6.17 0.00	74.57 7.81 0.00	85.44 8.69 -1.14	87.36 8.52 0.00	83.14 6.73 0.01	72.11 5.40 0.01	63.93 3.90 0.01	55.63 4.41 0.00	50.68 4.10 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	48.12 1.76 0.00	43.36 1.63 0.00	37.90 1.49 0.00	35.47 1.36 0.00	35.00 1.31 0.00	37.23 1.43 0.00	40.49 1.44 0.00	46.67 1.67 0.00	48.40 1.41 1.50	48.26 1.17 1.52	46.55 0.74 0.74	48.46 0.69 1.79	50.15 0.98 2.58	52.92 1.23 4.03	55.29 1.53 5.19	57.46 2.10 6.31	60.85 2.20 8.11	69.18 3.48 9.91	80.73 4.26 2.37	78.61 3.44 1.25	68.92 2.20 0.00	61.84 1.80 0.00	52.60 1.38 0.00	47.88 1.30 0.00
NCHELSEA_115KV_TR2 355582	50.02 3.66 0.00	45.20 3.46 0.00	39.58 3.17 0.00	37.04 2.93 0.00	36.51 2.83 0.00	38.85 3.04 0.00	42.44 3.40 0.00	48.92 3.92 0.00	52.13 3.64 0.00	52.36 3.74 0.00	50.12 3.58 0.00	53.37 3.82 0.00	55.94 4.19 0.00	60.24 4.51 0.00	63.90 4.95 0.00	67.84 6.17 0.00	74.17 7.41 0.00	84.75 8.24 -0.90	87.44 8.59 0.00	83.22 6.80 0.00	72.26 5.54 0.00	64.18 4.14 0.00	54.86 3.64 0.00	49.74 3.17 0.00
NEG CAPITAL____MECHNVIL 23645	49.28 2.92 0.00	44.41 2.67 0.00	38.74 2.33 0.00	36.19 2.08 0.00	35.74 2.05 0.00	38.06 2.26 0.00	41.50 2.46 0.00	48.02 3.02 0.00	51.21 2.71 0.00	51.24 2.62 0.00	48.54 2.00 0.00	51.54 1.98 0.00	53.97 2.22 0.00	58.34 2.62 0.00	61.84 2.89 0.00	65.13 3.45 0.00	70.70 3.94 0.00	86.01 5.07 -5.34	84.68 5.83 0.00	81.62 5.20 0.00	71.19 4.47 0.00	63.83 3.78 0.00	54.19 2.97 0.00	49.18 2.61 0.00
NEG CENTRAL_HIGH_ACRES 23767	45.81 -0.55 0.00	41.74 0.00 0.00	35.90 -0.51 0.00	33.63 -0.48 0.00	33.08 -0.61 0.00	35.27 -0.54 0.00	38.34 -0.70 0.00	43.66 -1.35 0.00	47.18 -1.31 0.00	47.55 -1.07 0.00	45.84 -0.70 0.00	49.11 -0.45 0.00	51.39 -0.36 0.00	55.39 -0.33 0.00	58.30 -0.65 0.00	61.18 -0.50 0.00	66.56 -0.20 0.00	75.30 -0.30 0.00	79.55 0.71 0.00	76.12 -0.30 0.00	66.65 -0.07 0.00	59.50 -0.54 0.00	50.87 -0.36 0.00	46.01 -0.56 0.00

NEG CENTRAL___DRP 24199	46.92 0.56 0.00	42.49 0.75 0.00	36.78 0.36 0.00	34.45 0.34 0.00	34.02 0.34 0.00	36.20 0.39 0.00	39.43 0.39 0.00	45.19 0.18 0.00	48.64 0.15 0.00	48.81 0.19 0.00	46.87 0.33 0.00	50.00 0.45 0.00	52.26 0.52 0.00	56.39 0.67 0.00	59.54 0.59 0.00	62.60 0.93 0.00	67.89 1.13 0.00	77.04 1.44 0.00	81.37 2.52 0.00	78.48 2.06 0.00	68.39 1.67 0.00	61.06 1.02 0.00	52.04 0.82 0.00	47.22 0.65 0.00
NEG CENTRAL___INDECK 23768	46.55 0.19 0.00	43.99 2.25 0.00	37.72 1.31 0.00	35.40 1.30 0.00	34.79 1.11 0.00	37.20 1.39 0.00	40.18 1.13 0.00	45.14 0.14 0.00	46.79 -1.70 0.00	46.97 -1.65 0.00	45.19 -1.35 0.00	48.57 -0.99 0.00	50.92 -0.83 0.00	54.95 -0.78 0.00	57.71 -1.24 0.00	60.62 -1.05 0.00	66.22 -0.54 0.00	75.53 -0.08 0.00	80.81 1.97 0.00	77.95 1.53 0.00	68.58 1.87 0.00	61.18 1.14 0.00	52.19 0.97 0.00	46.99 0.42 0.00
NEG CENTRAL___SENECA 23627	47.20 0.83 0.00	42.82 1.09 0.00	36.96 0.55 0.00	34.62 0.51 0.00	34.22 0.54 0.00	36.41 0.61 0.00	39.59 0.55 0.00	45.28 0.27 0.00	48.78 0.29 0.00	48.96 0.34 0.00	47.05 0.51 0.00	50.10 0.55 0.00	52.47 0.72 0.00	56.62 0.89 0.00	59.77 0.83 0.00	62.91 1.23 0.00	68.23 1.47 0.00	77.42 1.81 0.00	82.00 3.15 0.00	79.02 2.60 0.00	68.79 2.07 0.00	61.36 1.32 0.00	52.30 1.08 0.00	47.50 0.93 0.00
NEG CENTRAL___STATE_STREET 24147	46.82 0.46 0.00	42.32 0.58 0.00	36.67 0.25 0.00	34.35 0.24 0.00	33.92 0.24 0.00	36.09 0.29 0.00	39.32 0.27 0.00	45.23 0.23 0.00	48.69 0.19 0.00	48.81 0.19 0.00	46.87 0.33 0.00	50.00 0.45 0.00	52.26 0.52 0.00	56.34 0.61 0.00	59.54 0.59 0.00	62.60 0.93 0.00	67.83 1.07 0.00	77.04 1.44 0.00	81.13 2.29 0.00	78.41 1.99 0.00	68.32 1.60 0.00	61.06 1.02 0.00	51.99 0.77 0.00	47.08 0.51 0.00
NEG MILLWOOD___DRP 24198	50.25 3.89 0.00	45.41 3.67 0.00	39.72 3.31 0.00	37.21 3.10 0.00	36.68 3.00 0.00	39.02 3.22 0.00	42.64 3.59 0.00	49.24 4.23 0.00	52.42 3.93 0.00	52.61 3.99 0.00	50.40 3.86 0.00	53.62 4.06 0.00	56.14 4.40 0.00	60.52 4.79 0.00	64.19 5.25 0.00	68.09 6.41 0.00	74.63 7.88 0.00	85.49 8.85 -1.04	88.15 9.30 0.00	83.76 7.34 0.00	72.66 5.94 0.00	64.54 4.50 0.00	55.06 3.84 0.00	49.97 3.40 0.00
NEG NORTH_FLCN_SEA 23793	45.34 -1.02 0.00	40.65 -1.09 0.00	35.57 -0.84 0.00	33.46 -0.65 0.00	33.11 -0.57 0.00	35.09 -0.72 0.00	38.38 -0.66 0.00	44.29 -0.72 0.00	47.72 -0.78 0.00	47.84 -0.78 0.00	46.26 -0.28 0.00	48.71 -0.84 0.00	50.76 -0.98 0.00	53.66 -2.06 0.00	56.47 -2.48 0.00	58.28 -3.39 0.00	63.22 -3.54 0.00	71.60 -4.01 0.00	74.59 -4.26 0.00	73.21 -3.21 0.00	64.12 -2.60 0.00	57.76 -2.28 0.00	49.68 -1.54 0.00	46.11 -0.47 0.00
NEG NORTH_KES_CHATEGAY 23792	45.25 -1.11 0.00	40.53 -1.21 0.00	35.50 -0.91 0.00	33.36 -0.75 0.00	33.01 -0.67 0.00	35.01 -0.79 0.00	38.26 -0.78 0.00	44.11 -0.90 0.00	47.81 -0.68 0.00	47.84 -0.78 0.00	46.03 -0.51 0.00	48.76 -0.79 0.00	50.81 -0.93 0.00	54.28 -1.45 0.00	57.30 -1.65 0.00	59.21 -2.47 0.00	64.15 -2.60 0.00	72.66 -2.95 0.00	75.69 -3.15 0.00	74.36 -2.06 0.00	65.05 -1.67 0.00	58.72 -1.32 0.00	50.20 -1.02 0.00	46.01 -0.56 0.00
NEG NORTH___ALICE_FALLS 23915	45.62 -0.74 0.00	40.90 -0.83 0.00	35.79 -0.62 0.00	33.66 -0.44 0.00	33.31 -0.37 0.00	35.30 -0.50 0.00	38.65 -0.39 0.00	44.56 -0.45 0.00	48.10 -0.39 0.00	48.18 -0.44 0.00	46.49 -0.05 0.00	49.06 -0.50 0.00	51.18 -0.57 0.00	54.28 -1.45 0.00	57.24 -1.71 0.00	59.08 -2.59 0.00	64.09 -2.67 0.00	72.66 -2.95 0.00	75.77 -3.07 0.00	74.36 -2.06 0.00	65.18 -1.53 0.00	58.72 -1.32 0.00	50.30 -0.92 0.00	46.39 -0.19 0.00
NEG NORTH___LWR_SARANAC 23913	45.62 -0.74 0.00	40.90 -0.83 0.00	35.79 -0.62 0.00	33.66 -0.44 0.00	33.31 -0.37 0.00	35.30 -0.50 0.00	38.65 -0.39 0.00	44.56 -0.45 0.00	48.10 -0.39 0.00	48.18 -0.44 0.00	46.49 -0.05 0.00	49.06 -0.50 0.00	51.18 -0.57 0.00	54.28 -1.45 0.00	57.24 -1.71 0.00	59.08 -2.59 0.00	64.09 -2.67 0.00	72.66 -2.95 0.00	75.77 -3.07 0.00	74.36 -2.06 0.00	65.18 -1.53 0.00	58.72 -1.32 0.00	50.30 -0.92 0.00	46.39 -0.19 0.00
NEG NORTH___PLATTSBURG 23628	45.62 -0.74 0.00	40.90 -0.83 0.00	35.79 -0.62 0.00	33.66 -0.44 0.00	33.31 -0.37 0.00	35.30 -0.50 0.00	38.65 -0.39 0.00	44.56 -0.45 0.00	48.10 -0.39 0.00	48.18 -0.44 0.00	46.49 -0.05 0.00	49.06 -0.50 0.00	51.18 -0.57 0.00	54.28 -1.45 0.00	57.24 -1.71 0.00	59.33 -2.34 0.00	64.09 -2.67 0.00	72.66 -2.95 0.00	75.77 -3.08 0.00	74.36 -2.06 0.00	65.19 -1.53 0.00	58.72 -1.32 0.00	50.55 -0.67 0.00	46.85 0.28 0.00
NEG WEST_LEA_LOCKPORT 23791	46.04 -0.32 0.00	42.32 0.58 0.00	36.01 -0.40 0.00	33.90 -0.20 0.00	33.45 -0.24 0.00	35.44 -0.36 0.00	37.91 -1.13 0.00	42.31 -2.70 0.00	45.87 -2.62 0.00	46.62 -1.99 0.00	44.77 -1.77 0.00	47.97 -1.59 0.00	50.35 -1.40 0.00	54.28 -1.45 0.00	56.94 -2.00 0.00	60.19 -1.48 0.00	65.16 -1.60 0.00	73.41 -2.19 0.00	78.13 -0.71 0.00	74.74 -1.68 0.00	64.92 -1.80 0.00	58.06 -1.98 0.00	50.15 -1.08 0.00	45.83 -0.75 0.00
NEG WEST___LANCASTR 23811	45.34 -1.02 0.00	41.57 -0.17 0.00	35.57 -0.84 0.00	33.46 -0.65 0.00	32.98 -0.71 0.00	35.05 -0.75 0.00	37.68 -1.37 0.00	42.58 -2.43 0.00	46.12 -2.38 0.00	46.82 -1.80 0.00	45.28 -1.26 0.00	48.52 -1.04 0.00	50.97 -0.78 0.00	55.06 -0.67 0.00	57.83 -1.12 0.00	61.12 -0.56 0.00	66.36 -0.40 0.00	74.55 -1.06 0.00	79.16 0.32 0.00	75.73 -0.69 0.00	65.65 -1.07 0.00	58.54 -1.50 0.00	50.40 -0.82 0.00	45.69 -0.88 0.00
NEG_PENN_ALLEGHNY 23528	46.92 0.56 0.00	42.57 0.83 0.00	36.96 0.55 0.00	34.62 0.51 0.00	34.09 0.41 0.00	36.37 0.57 0.00	39.55 0.51 0.00	45.41 0.40 0.00	48.83 0.34 0.00	49.05 0.44 0.00	47.10 0.56 0.00	50.30 0.74 0.00	52.62 0.88 0.00	56.73 1.00 0.00	59.95 1.00 0.00	62.97 1.30 0.00	68.49 1.73 0.00	77.57 1.96 0.00	81.53 2.68 0.00	78.40 1.98 0.00	68.39 1.67 0.00	61.12 1.08 0.00	52.14 0.92 0.00	47.18 0.60 0.00
NEG___GEN_MONROE 24207	47.15 0.79 0.00	42.99 1.25 0.00	36.78 0.36 0.00	34.41 0.31 0.00	34.02 0.34 0.00	36.16 0.36 0.00	39.04 0.00 0.00	44.24 -0.77 0.00	47.72 -0.78 0.00	48.28 -0.34 0.00	46.63 0.09 0.00	49.95 0.40 0.00	52.31 0.57 0.00	56.39 0.67 0.00	59.36 0.41 0.00	62.60 0.93 0.00	67.76 1.00 0.00	76.59 0.98 0.00	81.37 2.52 0.00	78.18 1.76 0.00	68.12 1.40 0.00	60.88 0.84 0.00	52.19 0.97 0.00	47.50 0.93 0.00
NEPA___ENERGY 23901	46.36 0.00 0.00	42.57 0.83 0.00	36.48 0.07 0.00	34.28 0.17 0.00	33.78 0.10 0.00	35.95 0.14 0.00	38.65 -0.39 0.00	43.57 -1.44 0.00	47.13 -1.36 0.00	47.89 -0.73 0.00	46.31 -0.23 0.00	49.56 0.00 0.00	52.21 0.47 0.00	56.34 0.61 0.00	59.18 0.24 0.00	62.54 0.86 0.00	67.89 1.13 0.00	76.36 0.76 0.00	81.05 2.21 0.00	77.49 1.07 0.00	67.25 0.53 0.00	59.98 -0.06 0.00	51.63 0.41 0.00	46.76 0.19 0.00

NEVERSINK___HYD 23608	49.74 3.38 0.00	44.87 3.13 0.00	39.29 2.88 0.00	36.73 2.63 0.00	36.18 2.49 0.00	38.56 2.76 0.00	42.13 3.08 0.00	48.52 3.51 0.00	51.68 3.30 0.11	51.81 3.31 0.12	49.60 3.12 0.06	52.74 3.32 0.14	55.17 3.62 0.20	59.37 3.96 0.31	62.91 4.36 0.40	66.55 5.36 0.48	72.95 6.81 0.62	83.32 7.72 0.00	86.86 8.20 0.18	82.97 6.65 0.10	72.06 5.34 0.00	63.94 3.90 0.00	54.55 3.33 0.00	49.41 2.84 0.00
NEWKRMKL_115KV_TB1 55635	47.47 1.11 0.00	42.78 1.04 0.00	37.50 1.09 0.00	35.13 1.02 0.00	34.66 0.98 0.00	36.84 1.04 0.00	40.10 1.05 0.00	46.49 1.49 0.00	49.51 1.02 0.00	49.54 0.92 0.00	47.19 0.65 0.00	50.15 0.59 0.00	52.47 0.72 0.00	56.67 0.95 0.00	60.01 1.06 0.00	63.40 1.73 0.00	68.36 1.60 0.00	75.11 2.42 2.92	81.44 2.60 0.00	78.10 1.68 0.00	68.19 1.47 0.00	61.12 1.08 0.00	52.04 0.82 0.00	47.27 0.70 0.00
NEWTON___FALLS_HYD 23847	46.82 0.46 0.00	42.07 0.33 0.00	36.67 0.25 0.00	34.31 0.20 0.00	33.99 0.30 0.00	36.23 0.43 0.00	39.55 0.51 0.00	45.55 0.54 0.00	49.22 0.73 0.00	49.40 0.78 0.00	47.19 0.65 0.00	50.20 0.64 0.00	52.06 0.31 0.00	56.00 0.28 0.00	59.18 0.24 0.00	61.55 -0.12 0.00	66.09 -0.67 0.00	74.92 -0.68 0.00	78.69 -0.16 0.00	77.11 0.69 0.00	67.38 0.67 0.00	60.82 0.78 0.00	51.84 0.61 0.00	47.32 0.75 0.00
NGRID_A1_DSASP 323792	45.11 -1.25 0.00	41.74 0.00 0.00	35.50 -0.91 0.00	33.49 -0.61 0.00	32.27 -1.41 0.00	34.58 -1.22 0.00	37.13 -1.91 0.00	41.23 -3.78 0.00	44.80 -3.69 0.00	45.60 -3.01 0.00	44.07 -2.47 0.00	47.28 -2.28 0.00	49.62 -2.12 0.00	53.44 -2.29 0.00	56.00 -2.95 0.00	58.78 -2.90 0.00	64.15 -2.60 0.00	72.20 -3.40 0.00	76.79 -2.05 0.00	72.68 -3.74 0.00	63.78 -2.93 0.00	57.04 -3.00 0.00	49.33 -1.89 0.00	44.80 -1.77 0.00
NGRID_A2_DSASP 323793	45.11 -1.25 0.00	41.74 0.00 0.00	35.50 -0.91 0.00	33.49 -0.61 0.00	32.27 -1.41 0.00	34.58 -1.22 0.00	37.13 -1.91 0.00	41.23 -3.78 0.00	44.80 -3.69 0.00	45.60 -3.01 0.00	44.07 -2.47 0.00	47.28 -2.28 0.00	49.62 -2.12 0.00	53.44 -2.29 0.00	56.00 -2.95 0.00	58.78 -2.90 0.00	64.15 -2.60 0.00	72.20 -3.40 0.00	76.79 -2.05 0.00	72.68 -3.74 0.00	63.78 -2.93 0.00	57.04 -3.00 0.00	49.33 -1.89 0.00	44.80 -1.77 0.00
NGRID_A4_DSASP 323807	45.11 -1.25 0.00	41.74 0.00 0.00	35.50 -0.91 0.00	33.49 -0.61 0.00	32.27 -1.41 0.00	34.58 -1.22 0.00	37.13 -1.91 0.00	41.23 -3.78 0.00	44.80 -3.69 0.00	45.60 -3.01 0.00	44.07 -2.47 0.00	47.28 -2.28 0.00	49.62 -2.12 0.00	53.44 -2.29 0.00	56.00 -2.95 0.00	58.78 -2.90 0.00	64.15 -2.60 0.00	72.20 -3.40 0.00	76.79 -2.05 0.00	72.68 -3.74 0.00	63.78 -2.93 0.00	57.04 -3.00 0.00	49.33 -1.89 0.00	44.80 -1.77 0.00
NIAGARA_115E_LBMP 323715	44.83 -1.53 0.00	41.45 -0.29 0.00	35.28 -1.13 0.00	33.15 -0.95 0.00	32.77 -0.91 0.00	35.05 -0.75 0.00	37.37 -1.68 0.00	41.41 -3.60 0.00	44.95 -3.54 0.00	45.75 -2.87 0.00	44.12 -2.42 0.00	47.38 -2.18 0.00	49.73 -2.02 0.00	53.55 -2.17 0.00	56.12 -2.83 0.00	58.96 -2.71 0.00	64.36 -2.40 0.00	72.50 -3.10 0.00	77.11 -1.73 0.00	72.98 -3.44 0.00	63.98 -2.74 0.00	57.22 -2.82 0.00	49.43 -1.79 0.00	44.99 -1.58 0.00
NIAGARA_115W_LBMP 323714	45.01 -1.35 0.00	41.65 -0.08 0.00	35.43 -0.98 0.00	33.43 -0.68 0.00	32.17 -1.52 0.00	34.48 -1.32 0.00	37.01 -2.03 0.00	41.14 -3.87 0.00	44.66 -3.83 0.00	45.46 -3.16 0.00	43.94 -2.61 0.00	47.13 -2.43 0.00	49.47 -2.28 0.00	53.27 -2.45 0.00	55.82 -3.13 0.00	58.65 -3.02 0.00	64.02 -2.74 0.00	71.98 -3.63 0.00	76.55 -2.29 0.00	72.44 -3.98 0.00	63.58 -3.13 0.00	56.92 -3.12 0.00	49.22 -2.00 0.00	44.66 -1.91 0.00
NIAGARA_230_LBMP 323716	45.20 -1.16 0.00	41.78 0.04 0.00	35.57 -0.84 0.00	33.46 -0.65 0.00	32.64 -1.04 0.00	34.98 -0.82 0.00	37.56 -1.48 0.00	41.81 -3.19 0.00	45.39 -3.10 0.00	46.14 -2.48 0.00	44.59 -1.95 0.00	47.82 -1.74 0.00	50.19 -1.55 0.00	54.06 -1.67 0.00	56.65 -2.30 0.00	59.51 -2.16 0.00	65.02 -1.74 0.00	73.18 -2.42 0.00	77.82 -1.03 0.00	73.67 -2.75 0.00	64.58 -2.14 0.00	57.76 -2.28 0.00	49.89 -1.33 0.00	45.32 -1.26 0.00
NIAGARA___115KV_198_GIBSON 55903	44.78 -1.58 0.00	41.24 -0.50 0.00	35.06 -1.35 0.00	32.98 -1.13 0.00	32.47 -1.21 0.00	34.48 -1.32 0.00	37.01 -2.03 0.00	41.27 -3.74 0.00	44.76 -3.73 0.00	45.56 -3.06 0.00	44.03 -2.51 0.00	47.13 -2.43 0.00	49.47 -2.28 0.00	53.27 -2.45 0.00	55.94 -3.01 0.00	59.08 -2.59 0.00	64.02 -2.74 0.00	71.98 -3.63 0.00	76.56 -2.29 0.00	73.21 -3.21 0.00	63.58 -3.14 0.00	56.92 -3.12 0.00	49.28 -1.95 0.00	44.99 -1.58 0.00
NIAGARA____ 23760	45.20 -1.16 0.00	41.78 0.04 0.00	35.57 -0.84 0.00	33.46 -0.65 0.00	32.64 -1.04 0.00	34.98 -0.82 0.00	37.56 -1.48 0.00	41.81 -3.19 0.00	45.39 -3.10 0.00	46.14 -2.48 0.00	44.59 -1.95 0.00	47.82 -1.74 0.00	50.19 -1.55 0.00	54.06 -1.67 0.00	56.65 -2.30 0.00	59.51 -2.16 0.00	65.02 -1.74 0.00	73.18 -2.42 0.00	77.82 -1.03 0.00	73.67 -2.75 0.00	64.58 -2.14 0.00	57.76 -2.28 0.00	49.89 -1.33 0.00	45.32 -1.26 0.00
NINE_MILE_1 23575	45.20 -1.16 0.00	40.82 -0.92 0.00	35.50 -0.91 0.00	33.26 -0.85 0.00	32.81 -0.88 0.00	34.91 -0.89 0.00	38.07 -0.97 0.00	43.80 -1.21 0.00	47.13 -1.36 0.00	47.26 -1.36 0.00	45.29 -1.25 0.00	48.37 -1.19 0.00	50.50 -1.24 0.00	54.39 -1.34 0.00	57.53 -1.42 0.00	60.26 -1.42 0.00	65.29 -1.47 0.00	74.01 -1.59 0.00	77.58 -1.26 0.00	74.81 -1.61 0.00	65.38 -1.33 0.00	58.60 -1.44 0.00	49.99 -1.23 0.00	45.36 -1.21 0.00
NINE_MILE_2 23744	45.20 -1.16 0.00	40.82 -0.92 0.00	35.50 -0.91 0.00	33.26 -0.85 0.00	32.81 -0.88 0.00	34.91 -0.89 0.00	38.07 -0.97 0.00	43.80 -1.21 0.00	47.13 -1.36 0.00	47.26 -1.36 0.00	45.29 -1.25 0.00	48.37 -1.19 0.00	50.50 -1.24 0.00	54.39 -1.34 0.00	57.53 -1.42 0.00	60.26 -1.42 0.00	65.29 -1.47 0.00	74.01 -1.59 0.00	77.58 -1.26 0.00	74.81 -1.61 0.00	65.38 -1.33 0.00	58.60 -1.44 0.00	49.99 -1.23 0.00	45.36 -1.21 0.00
NM_CAPITAL___DRP 24208	47.57 1.21 0.00	42.86 1.13 0.00	37.61 1.20 0.00	35.23 1.13 0.00	34.76 1.08 0.00	36.95 1.15 0.00	40.22 1.17 0.00	46.63 1.62 0.00	49.66 1.16 0.00	49.69 1.07 0.00	47.33 0.79 0.00	50.35 0.79 0.00	52.62 0.88 0.00	56.84 1.11 0.00	60.24 1.30 0.00	63.59 1.91 0.00	68.56 1.80 0.00	83.35 2.72 -5.03	81.68 2.84 0.00	78.33 1.91 0.00	68.39 1.67 0.00	61.24 1.20 0.00	52.14 0.92 0.00	47.41 0.84 0.00
NM_CENTRAL___DRP 24181	46.27 -0.09 0.00	41.78 0.04 0.00	36.27 -0.15 0.00	33.97 -0.14 0.00	33.55 -0.13 0.00	35.66 -0.14 0.00	38.93 -0.12 0.00	44.78 -0.23 0.00	48.25 -0.24 0.00	48.38 -0.24 0.00	46.40 -0.14 0.00	49.56 0.00 0.00	51.75 0.00 0.00	55.78 0.06 0.00	59.01 0.06 0.00	61.92 0.25 0.00	67.02 0.27 0.00	76.06 0.45 0.00	79.79 0.95 0.00	77.03 0.61 0.00	67.18 0.47 0.00	60.10 0.06 0.00	51.22 0.00 0.00	46.43 -0.14 0.00

NM_FRONTIER___DRP 24179	44.78 -1.58 0.00	41.24 -0.50 0.00	35.06 -1.35 0.00	32.98 -1.13 0.00	32.47 -1.21 0.00	34.48 -1.32 0.00	37.01 -2.03 0.00	41.27 -3.74 0.00	44.76 -3.73 0.00	45.56 -3.06 0.00	44.03 -2.51 0.00	47.13 -2.43 0.00	49.47 -2.28 0.00	53.27 -2.45 0.00	55.94 -3.01 0.00	59.08 -2.59 0.00	64.02 -2.74 0.00	71.98 -3.63 0.00	76.56 -2.29 0.00	73.21 -3.21 0.00	63.58 -3.14 0.00	56.92 -3.12 0.00	49.28 -1.95 0.00	44.99 -1.58 0.00
NM_ST_REGIS___HYD 24053	46.22 -0.14 0.00	41.44 -0.29 0.00	36.23 -0.18 0.00	34.00 -0.10 0.00	33.68 0.00 0.00	35.73 -0.07 0.00	39.04 0.00 0.00	44.96 -0.05 0.00	48.88 0.39 0.00	48.96 0.34 0.00	46.96 0.42 0.00	49.80 0.25 0.00	51.75 0.00 0.00	55.45 -0.28 0.00	58.59 -0.35 0.00	60.56 -1.11 0.00	65.22 -1.54 0.00	73.56 -2.04 0.00	76.71 -2.13 0.00	75.43 -0.99 0.00	66.18 -0.53 0.00	59.80 -0.24 0.00	51.27 0.05 0.00	47.04 0.47 0.00
NORTHPORT___1 23551	51.14 4.78 0.00	46.34 4.59 -0.02	40.57 4.15 -0.01	37.97 3.85 -0.01	37.40 3.71 -0.01	39.71 3.90 -0.01	43.50 4.45 -0.01	49.96 4.95 0.00	52.28 3.78 0.00	52.07 3.45 0.00	47.49 2.60 1.66	50.68 2.92 1.80	51.00 3.41 4.16	55.96 4.12 3.89	59.38 4.66 4.23	68.54 5.61 -1.26	74.97 7.15 -1.06	87.72 8.17 -3.94	87.35 8.20 -0.30	83.53 6.42 -0.69	71.52 4.81 0.01	63.40 3.36 0.00	54.82 3.18 -0.42	47.26 2.51 1.82
NORTHPORT___2 23552	51.14 4.78 0.00	46.34 4.59 -0.02	40.57 4.15 -0.01	37.97 3.85 -0.01	37.40 3.71 -0.01	39.71 3.90 -0.01	43.50 4.45 -0.01	49.96 4.95 0.00	52.28 3.78 0.00	52.07 3.45 0.00	47.49 2.60 1.66	50.68 2.92 1.80	51.00 3.41 4.16	55.96 4.12 3.89	59.38 4.66 4.23	68.54 5.61 -1.26	74.97 7.15 -1.06	87.72 8.17 -3.94	87.35 8.20 -0.30	83.53 6.42 -0.69	71.52 4.81 0.01	63.40 3.36 0.00	54.82 3.18 -0.42	47.26 2.51 1.82
NORTHPORT___3 23553	50.53 4.17 0.00	45.80 4.05 -0.02	40.14 3.72 -0.01	37.56 3.44 -0.01	36.99 3.30 -0.01	39.32 3.51 -0.01	43.04 3.98 -0.01	49.37 4.36 0.00	51.44 2.96 0.01	51.43 2.82 0.01	47.34 2.46 1.66	50.48 2.72 1.80	50.80 3.21 4.16	56.94 3.79 2.58	60.51 4.36 2.80	68.25 5.36 -1.21	74.66 6.88 -1.02	87.01 7.56 -3.85	86.70 7.57 -0.29	83.04 5.96 -0.66	71.11 4.40 0.01	62.97 2.94 0.01	54.64 3.02 -0.40	47.11 2.37 1.83
NORTHPORT___4 23650	50.53 4.17 0.00	45.80 4.05 -0.02	40.14 3.72 -0.01	37.56 3.44 -0.01	36.99 3.30 -0.01	39.32 3.51 -0.01	43.04 3.98 -0.01	49.37 4.36 0.00	51.44 2.96 0.01	51.43 2.82 0.01	47.34 2.46 1.66	50.48 2.72 1.80	50.80 3.21 4.16	56.94 3.79 2.58	60.51 4.36 2.80	68.25 5.36 -1.21	74.66 6.88 -1.02	87.01 7.56 -3.85	86.70 7.57 -0.29	83.04 5.96 -0.66	71.11 4.40 0.01	62.97 2.94 0.01	54.64 3.02 -0.40	47.11 2.37 1.83
NORTHPORT___IC 23718	50.39 4.03 0.00	46.34 4.59 -0.02	40.56 4.15 0.00	37.96 3.85 0.00	37.42 3.74 0.00	39.70 3.90 0.00	43.49 4.45 0.00	49.82 4.82 0.00	51.16 2.67 0.00	51.87 3.26 0.00	47.35 2.47 1.66	50.68 2.92 1.80	51.00 3.42 4.16	55.95 4.12 3.90	59.26 4.54 4.23	68.79 5.86 -1.26	75.10 7.28 -1.06	87.72 8.17 -3.94	87.35 8.20 -0.30	83.38 6.27 -0.69	71.52 4.80 0.01	63.40 3.36 0.00	54.82 3.18 -0.42	46.94 2.19 1.82
NORTH___COUNTRY_ESR 323785	45.15 -1.21 0.00	40.44 -1.29 0.00	35.43 -0.98 0.00	33.29 -0.82 0.00	32.94 -0.74 0.00	34.94 -0.86 0.00	38.18 -0.86 0.00	44.06 -0.95 0.00	47.77 -0.73 0.00	47.84 -0.78 0.00	46.03 -0.51 0.00	48.76 -0.79 0.00	50.82 -0.93 0.00	54.28 -1.45 0.00	57.30 -1.65 0.00	59.39 -2.28 0.00	64.09 -2.67 0.00	72.58 -3.03 0.00	75.53 -3.31 0.00	74.13 -2.29 0.00	64.85 -1.87 0.00	58.54 -1.50 0.00	50.20 -1.02 0.00	46.15 -0.42 0.00
NPX_GEN_1385_PROXY 323591	51.14 4.78 0.00	46.34 4.59 -0.02	40.60 4.19 -0.01	38.00 3.89 -0.01	37.43 3.74 -0.01	39.78 3.97 -0.01	43.58 4.53 -0.01	49.96 4.95 0.00	52.28 3.78 0.00	52.07 3.45 0.00	47.58 2.70 1.66	50.73 2.97 1.80	51.00 3.41 4.16	55.90 4.07 3.89	59.26 4.54 4.23	68.42 5.49 -1.26	74.89 7.07 -1.06	89.26 8.32 -5.34	86.03 8.28 1.09	83.60 6.49 -0.69	71.92 5.21 0.01	63.88 3.85 0.00	55.22 3.28 -0.72	46.82 2.37 2.12
NPX_GEN_CSC 323557	51.23 4.87 0.00	46.22 4.47 -0.02	40.42 4.01 -0.01	37.83 3.72 -0.01	37.26 3.57 -0.01	39.53 3.72 -0.01	43.39 4.33 -0.01	49.92 4.91 0.00	52.42 3.93 0.00	52.26 3.65 0.00	49.63 3.21 0.12	53.06 3.62 0.12	55.63 4.14 0.25	63.67 4.90 -3.04	67.95 5.72 -3.29	69.82 6.66 -1.48	76.36 8.34 -1.26	90.97 9.53 -5.84	87.43 9.62 1.03	85.04 7.80 -0.82	72.51 5.80 0.00	64.13 4.08 0.00	55.71 3.69 -0.80	49.26 3.12 0.43
NSINS_S_GLNS_FALLS 23858	49.23 2.87 0.00	44.41 2.67 0.00	38.67 2.26 0.00	36.09 1.98 0.00	35.64 1.95 0.00	38.02 2.22 0.00	41.43 2.38 0.00	47.84 2.84 0.00	51.06 2.57 0.00	51.00 2.38 0.00	47.80 1.26 0.00	50.70 1.14 0.00	53.14 1.40 0.00	57.34 1.62 0.00	60.78 1.83 0.00	64.20 2.53 0.00	69.56 2.80 0.00	83.55 4.01 -3.93	84.52 5.68 0.00	81.31 4.89 0.00	71.25 4.54 0.00	63.94 3.90 0.00	54.19 2.97 0.00	49.13 2.56 0.00
NUCOR_STEEL___DRP 24197	46.87 0.51 0.00	42.36 0.63 0.00	36.74 0.33 0.00	34.38 0.27 0.00	33.99 0.30 0.00	36.12 0.32 0.00	39.36 0.31 0.00	45.23 0.23 0.00	48.69 0.19 0.00	48.76 0.15 0.00	46.77 0.23 0.00	49.95 0.40 0.00	52.16 0.41 0.00	56.23 0.50 0.00	59.48 0.53 0.00	62.48 0.80 0.00	67.69 0.93 0.00	76.89 1.29 0.00	80.97 2.13 0.00	78.18 1.76 0.00	68.12 1.40 0.00	60.94 0.90 0.00	51.94 0.72 0.00	47.08 0.51 0.00
NUMBER_THREE_WT_PWR 323818	47.15 0.79 0.00	42.49 0.75 0.00	36.99 0.58 0.00	34.55 0.44 0.00	34.15 0.47 0.00	36.59 0.79 0.00	39.90 0.86 0.00	45.96 0.95 0.00	49.37 0.87 0.00	49.88 1.26 0.00	47.56 1.02 0.00	50.65 1.09 0.00	52.68 0.93 0.00	56.78 1.06 0.00	60.01 1.06 0.00	62.72 1.05 0.00	66.96 0.20 0.00	76.44 0.83 0.00	80.58 1.73 0.00	78.48 2.06 0.00	68.52 1.80 0.00	61.60 1.56 0.00	52.25 1.02 0.00	47.41 0.84 0.00
NYISO_LBMP_REFERENCE 24008	46.36 0.00 0.00	41.74 0.00 0.00	36.41 0.00 0.00	34.11 0.00 0.00	33.68 0.00 0.00	35.80 0.00 0.00	39.04 0.00 0.00	45.01 0.00 0.00	48.49 0.00 0.00	48.62 0.00 0.00	46.54 0.00 0.00	49.56 0.00 0.00	51.75 0.00 0.00	55.73 0.00 0.00	58.95 0.00 0.00	61.67 0.00 0.00	66.76 0.00 0.00	75.61 0.00 0.00	78.84 0.00 0.00	76.42 0.00 0.00	66.72 0.00 0.00	60.04 0.00 0.00	51.22 0.00 0.00	46.57 0.00 0.00
NYPA_BRENTWD____GT 24164	51.97 5.61 0.00	46.97 5.22 -0.02	41.08 4.66 -0.01	38.45 4.33 -0.01	37.87 4.18 -0.01	40.21 4.40 -0.01	44.09 5.04 -0.01	50.68 5.67 0.00	53.19 4.70 0.00	53.04 4.42 0.00	50.20 3.82 0.16	53.73 4.21 0.04	56.52 4.76 -0.02	109.62 5.57 -48.32	117.39 6.07 -52.37	70.59 7.15 -1.76	77.16 8.88 -1.52	90.75 10.06 -5.09	89.55 10.25 -0.46	85.83 8.41 -1.00	73.18 6.47 0.00	65.00 4.92 -0.03	56.28 4.45 -0.60	50.08 3.68 0.17

NYPA_GOWANUS____GT5 24156	51.05 4.68 -0.01	46.04 4.30 -0.01	40.39 3.97 -0.01	37.80 3.68 -0.01	37.19 3.50 -0.01	39.53 3.72 -0.01	43.19 4.14 -0.01	49.92 4.91 -0.01	53.05 4.56 0.00	53.30 4.67 -0.02	51.13 4.56 -0.02	54.43 4.86 -0.02	56.56 4.81 0.00	60.63 4.90 0.00	63.77 4.83 0.01	67.83 6.17 0.01	74.56 7.81 0.01	85.35 8.62 -1.13	87.28 8.44 0.01	83.14 6.73 0.01	72.05 5.34 0.01	63.88 3.85 0.01	55.63 4.41 0.00	50.68 4.10 -0.01
NYPA_GOWANUS____GT6 24157	51.05 4.68 -0.01	46.04 4.30 -0.01	40.39 3.97 -0.01	37.80 3.68 -0.01	37.19 3.50 -0.01	39.53 3.72 -0.01	43.19 4.14 -0.01	49.92 4.91 -0.01	53.05 4.56 0.00	53.30 4.67 -0.02	51.13 4.56 -0.02	54.43 4.86 -0.02	56.56 4.81 0.00	60.63 4.90 0.00	63.77 4.83 0.01	67.83 6.17 0.01	74.56 7.81 0.01	85.35 8.62 -1.13	87.28 8.44 0.01	83.14 6.73 0.01	72.05 5.34 0.01	63.88 3.85 0.01	55.63 4.41 0.00	50.68 4.10 -0.01
NYPA_HARLEM__RVR__GT1 24160	50.86 4.50 -0.01	45.84 4.09 -0.01	39.95 3.53 -0.01	37.39 3.27 -0.01	36.82 3.13 -0.01	39.21 3.40 -0.01	42.92 3.87 -0.01	49.61 4.59 -0.01	52.80 4.31 0.01	53.05 4.42 -0.01	50.88 4.33 -0.01	54.07 4.51 -0.01	56.35 4.60 0.00	60.41 4.68 0.00	63.42 4.48 0.01	67.59 5.92 0.00	74.36 7.61 0.00	85.29 8.54 -1.14	87.28 8.44 0.00	83.21 6.80 0.01	72.18 5.47 0.01	63.93 3.90 0.01	55.58 4.35 -0.01	50.17 3.59 -0.01
NYPA_HARLEM__RVR__GT2 24161	50.86 4.50 -0.01	45.84 4.09 -0.01	39.95 3.53 -0.01	37.39 3.27 -0.01	36.82 3.13 -0.01	39.21 3.40 -0.01	42.92 3.87 -0.01	49.61 4.59 -0.01	52.80 4.31 0.01	53.05 4.42 -0.01	50.88 4.33 -0.01	54.07 4.51 -0.01	56.35 4.60 0.00	60.41 4.68 0.00	63.42 4.48 0.01	67.59 5.92 0.00	74.36 7.61 0.00	85.29 8.54 -1.14	87.28 8.44 0.00	83.21 6.80 0.01	72.18 5.47 0.01	63.93 3.90 0.01	55.58 4.35 -0.01	50.17 3.59 -0.01
NYPA_KENT____GT 24152	50.96 4.59 -0.01	45.92 4.17 -0.01	40.28 3.86 -0.01	37.70 3.58 -0.01	37.13 3.44 -0.01	39.46 3.65 -0.01	43.15 4.10 -0.01	49.88 4.86 -0.01	53.05 4.56 0.00	53.26 4.62 -0.02	51.08 4.51 -0.02	54.33 4.76 -0.02	56.56 4.81 0.00	60.63 4.90 0.00	63.77 4.83 0.01	67.78 6.11 0.00	74.50 7.74 0.00	85.29 8.54 -1.14	87.28 8.44 0.00	83.06 6.65 0.01	71.98 5.27 0.01	63.88 3.85 0.01	55.53 4.30 0.00	50.54 3.96 -0.01
NYPA_POUCH1____GT 24155	51.00 4.64 -0.01	46.04 4.30 -0.01	40.39 3.97 -0.01	37.77 3.65 -0.01	37.19 3.50 -0.01	39.50 3.69 -0.01	43.19 4.14 -0.01	49.88 4.86 -0.01	52.90 4.41 0.00	53.10 4.47 -0.02	51.03 4.47 -0.02	54.23 4.66 -0.02	56.35 4.60 0.00	57.49 4.57 2.81	57.73 4.54 5.76	59.71 5.86 7.82	69.57 7.48 4.67	76.11 8.32 7.81	78.58 8.05 8.31	74.43 6.34 8.33	59.02 5.01 12.70	63.57 3.54 0.01	55.47 4.25 0.00	50.68 4.10 -0.01
NYPA_VERNON____GT2 24162	50.82 4.45 -0.01	45.84 4.09 -0.01	40.17 3.75 -0.01	37.60 3.48 -0.01	37.03 3.34 -0.01	39.39 3.58 -0.01	43.11 4.06 -0.01	49.79 4.77 -0.01	53.00 4.51 0.00	53.26 4.62 -0.02	51.03 4.47 -0.02	54.28 4.71 -0.02	56.50 4.76 0.00	60.63 4.90 0.00	63.83 4.89 0.01	67.84 6.17 0.00	74.50 7.74 0.00	85.29 8.54 -1.14	87.28 8.44 0.00	83.06 6.65 0.01	71.98 5.27 0.01	63.93 3.90 0.01	55.42 4.20 0.00	50.40 3.82 -0.01
NYPA_VERNON____GT3 24163	50.82 4.45 -0.01	45.84 4.09 -0.01	40.17 3.75 -0.01	37.60 3.48 -0.01	37.03 3.34 -0.01	39.39 3.58 -0.01	43.11 4.06 -0.01	49.79 4.77 -0.01	53.00 4.51 0.00	53.26 4.62 -0.02	51.03 4.47 -0.02	54.28 4.71 -0.02	56.50 4.76 0.00	60.63 4.90 0.00	63.83 4.89 0.01	67.84 6.17 0.00	74.50 7.74 0.00	85.29 8.54 -1.14	87.28 8.44 0.00	83.06 6.65 0.01	71.98 5.27 0.01	63.93 3.90 0.01	55.42 4.20 0.00	50.40 3.82 -0.01
NYPA__ASTORIA_CC1 323568	50.73 4.36 -0.01	45.75 4.01 -0.01	40.13 3.72 -0.01	37.56 3.44 -0.01	36.99 3.30 -0.01	39.36 3.55 -0.01	43.04 3.98 -0.01	49.74 4.72 -0.01	52.95 4.46 0.00	53.16 4.52 -0.02	50.99 4.42 -0.02	54.18 4.61 -0.02	56.40 4.66 0.00	60.46 4.73 0.00	63.60 4.66 0.01	67.59 5.92 0.00	74.30 7.54 0.00	85.06 8.32 -1.14	87.04 8.20 0.00	82.83 6.42 0.01	71.78 5.07 0.01	63.76 3.72 0.01	55.37 4.15 0.00	50.31 3.73 -0.01
NYPA__ASTORIA_CC2 323569	50.73 4.36 -0.01	45.75 4.01 -0.01	40.13 3.72 -0.01	37.56 3.44 -0.01	36.99 3.30 -0.01	39.36 3.55 -0.01	43.04 3.98 -0.01	49.74 4.72 -0.01	52.95 4.46 0.00	53.16 4.52 -0.02	50.99 4.42 -0.02	54.18 4.61 -0.02	56.40 4.66 0.00	60.46 4.73 0.00	63.60 4.66 0.01	67.59 5.92 0.00	74.30 7.54 0.00	85.06 8.32 -1.14	87.04 8.20 0.00	82.83 6.42 0.01	71.78 5.07 0.01	63.76 3.72 0.01	55.37 4.15 0.00	50.31 3.73 -0.01
NYPA__HOLTSVILL 23794	51.41 5.05 0.00	46.47 4.71 -0.02	40.64 4.22 -0.01	38.04 3.92 -0.01	37.46 3.77 -0.01	39.78 3.97 -0.01	43.62 4.57 -0.01	50.18 5.17 0.00	52.66 4.17 0.00	52.51 3.89 0.00	49.78 3.35 0.11	53.11 3.67 0.11	55.65 4.14 0.24	65.78 4.85 -5.21	70.19 5.60 -5.64	69.67 6.53 -1.46	76.27 8.28 -1.24	89.30 9.30 -4.40	88.58 9.38 -0.36	84.80 7.57 -0.81	72.45 5.74 0.00	64.13 4.08 0.00	55.56 3.84 -0.50	49.70 3.26 0.13
NYPA____HELLGATE_GT1 24158	50.86 4.50 -0.01	45.84 4.09 -0.01	39.95 3.53 -0.01	37.39 3.27 -0.01	36.82 3.13 -0.01	39.21 3.40 -0.01	42.92 3.87 -0.01	49.61 4.59 -0.01	52.80 4.31 0.01	53.05 4.42 -0.01	50.88 4.33 -0.01	54.07 4.51 -0.01	56.35 4.60 0.00	60.41 4.68 0.00	63.42 4.48 0.01	67.59 5.92 0.00	74.36 7.61 0.00	85.29 8.54 -1.14	87.28 8.44 0.00	83.21 6.80 0.01	72.18 5.47 0.01	63.93 3.90 0.01	55.58 4.35 -0.01	50.17 3.59 -0.01
NYPA____HELLGATE_GT2 24159	50.86 4.50 -0.01	45.84 4.09 -0.01	39.95 3.53 -0.01	37.39 3.27 -0.01	36.82 3.13 -0.01	39.21 3.40 -0.01	42.92 3.87 -0.01	49.61 4.59 -0.01	52.80 4.31 0.01	53.05 4.42 -0.01	50.88 4.33 -0.01	54.07 4.51 -0.01	56.35 4.60 0.00	60.41 4.68 0.00	63.42 4.48 0.01	67.59 5.92 0.00	74.36 7.61 0.00	85.29 8.54 -1.14	87.28 8.44 0.00	83.21 6.80 0.01	72.18 5.47 0.01	63.93 3.90 0.01	55.58 4.35 -0.01	50.17 3.59 -0.01
NYS_BARGE__HYD 23848	45.62 -0.74 0.00	42.15 0.42 0.00	35.87 -0.55 0.00	33.70 -0.41 0.00	33.14 -0.54 0.00	35.51 -0.29 0.00	37.95 -1.09 0.00	42.17 -2.83 0.00	45.78 -2.71 0.00	46.53 -2.09 0.00	44.77 -1.77 0.00	48.07 -1.49 0.00	50.45 -1.29 0.00	54.39 -1.34 0.00	57.00 -1.94 0.00	59.88 -1.79 0.00	65.35 -1.41 0.00	73.57 -2.04 0.00	78.37 -0.47 0.00	74.20 -2.22 0.00	65.12 -1.60 0.00	58.18 -1.86 0.00	50.20 -1.02 0.00	45.59 -0.98 0.00
OAK ORCHARD__HYD 24046	46.55 0.19 0.00	42.53 0.79 0.00	36.52 0.11 0.00	34.21 0.10 0.00	33.62 -0.07 0.00	35.87 0.07 0.00	38.85 -0.19 0.00	44.02 -0.99 0.00	47.57 -0.92 0.00	48.08 -0.53 0.00	46.40 -0.14 0.00	49.76 0.20 0.00	52.11 0.36 0.00	56.17 0.44 0.00	59.13 0.18 0.00	62.05 0.37 0.00	67.56 0.80 0.00	76.36 0.76 0.00	80.73 1.89 0.00	77.11 0.69 0.00	67.58 0.87 0.00	60.34 0.30 0.00	51.63 0.41 0.00	46.76 0.19 0.00

OAKDALE___35_KV_LOAD 356122	46.87 0.51 0.00	42.49 0.75 0.00	36.92 0.51 0.00	34.58 0.48 0.00	34.12 0.44 0.00	36.30 0.50 0.00	39.47 0.43 0.00	45.32 0.32 0.00	48.69 0.19 0.00	48.96 0.34 0.00	47.01 0.47 0.00	50.15 0.59 0.00	52.47 0.72 0.00	56.62 0.89 0.00	59.77 0.83 0.00	62.97 1.30 0.00	68.29 1.54 0.00	77.34 1.74 0.00	81.29 2.44 0.00	78.18 1.76 0.00	68.19 1.47 0.00	60.94 0.90 0.00	52.04 0.82 0.00	47.13 0.56 0.00
OCC_CHEM___DRP 24175	44.92 -1.44 0.00	41.36 -0.38 0.00	35.17 -1.24 0.00	33.05 -1.06 0.00	32.57 -1.11 0.00	34.58 -1.22 0.00	37.13 -1.91 0.00	41.41 -3.60 0.00	44.90 -3.59 0.00	45.70 -2.92 0.00	44.17 -2.37 0.00	47.28 -2.28 0.00	49.62 -2.12 0.00	53.44 -2.28 0.00	56.06 -2.89 0.00	59.27 -2.41 0.00	64.15 -2.60 0.00	72.20 -3.40 0.00	76.79 -2.05 0.00	73.44 -2.98 0.00	63.78 -2.94 0.00	57.10 -2.94 0.00	49.38 -1.84 0.00	45.13 -1.44 0.00
OH_GEN_PROXY 24063	45.15 -1.21 0.00	41.78 0.04 0.00	35.57 -0.84 0.00	33.43 -0.68 0.00	32.64 -1.04 0.00	34.98 -0.82 0.00	37.60 -1.44 0.00	41.90 -3.11 0.00	45.49 -3.01 0.00	46.24 -2.38 0.00	44.68 -1.86 0.00	47.92 -1.63 0.00	50.30 -1.45 0.00	54.17 -1.56 0.00	56.83 -2.12 0.00	59.70 -1.98 0.00	65.15 -1.60 0.00	74.81 -2.19 -1.40	76.58 -0.87 1.40	73.90 -2.52 0.00	64.78 -1.94 0.00	57.88 -2.16 0.00	50.29 -1.23 -0.30	45.06 -1.21 0.30
OLIN_CORP_DRP 24177	45.53 -0.83 0.00	41.90 0.17 0.00	35.65 -0.76 0.00	33.60 -0.51 0.00	33.11 -0.57 0.00	35.09 -0.72 0.00	37.44 -1.60 0.00	41.63 -3.38 0.00	45.15 -3.35 0.00	45.94 -2.67 0.00	44.35 -2.19 0.00	47.47 -2.08 0.00	49.83 -1.91 0.00	53.72 -2.01 0.00	56.35 -2.59 0.00	59.58 -2.10 0.00	64.55 -2.20 0.00	72.66 -2.95 0.00	77.34 -1.50 0.00	73.97 -2.45 0.00	64.18 -2.54 0.00	57.40 -2.64 0.00	49.63 -1.59 0.00	45.45 -1.12 0.00
OLIN_CORP_DSASP 323712	45.11 -1.25 0.00	41.74 0.00 0.00	35.50 -0.91 0.00	33.49 -0.61 0.00	32.27 -1.41 0.00	34.58 -1.22 0.00	37.13 -1.91 0.00	41.23 -3.78 0.00	44.80 -3.69 0.00	45.60 -3.01 0.00	44.07 -2.47 0.00	47.28 -2.28 0.00	49.62 -2.12 0.00	53.44 -2.29 0.00	56.00 -2.95 0.00	58.78 -2.90 0.00	64.15 -2.60 0.00	72.20 -3.40 0.00	76.79 -2.05 0.00	72.68 -3.74 0.00	63.78 -2.93 0.00	57.04 -3.00 0.00	49.33 -1.89 0.00	44.80 -1.77 0.00
ONEIDA_HERK_LFGE 323681	47.47 1.11 0.00	42.78 1.04 0.00	37.28 0.87 0.00	34.82 0.72 0.00	34.42 0.74 0.00	36.80 1.00 0.00	40.10 1.05 0.00	46.27 1.26 0.00	49.70 1.21 0.00	49.88 1.26 0.00	47.66 1.12 0.00	50.74 1.19 0.00	52.88 1.14 0.00	57.06 1.34 0.00	60.30 1.36 0.00	63.15 1.48 0.00	68.16 1.40 0.00	77.65 2.04 0.00	81.60 2.76 0.00	79.09 2.67 0.00	68.99 2.27 0.00	61.90 1.86 0.00	52.55 1.33 0.00	47.64 1.07 0.00
ONEIDA___115KV_TB4 55905	47.84 1.48 0.00	43.16 1.42 0.00	37.54 1.13 0.00	35.10 0.99 0.00	34.66 0.98 0.00	37.02 1.22 0.00	40.33 1.29 0.00	46.49 1.49 0.00	49.95 1.45 0.00	49.98 1.36 0.00	47.80 1.26 0.00	50.89 1.34 0.00	53.14 1.40 0.00	57.34 1.62 0.00	60.66 1.71 0.00	63.71 2.04 0.00	69.03 2.27 0.00	78.63 3.02 0.00	82.63 3.78 0.00	79.94 3.52 0.00	69.72 3.00 0.00	62.44 2.40 0.00	53.01 1.79 0.00	47.97 1.40 0.00
ONONDAGA_REF_OCCRA 23987	46.41 0.05 0.00	41.90 0.17 0.00	36.41 0.00 0.00	34.11 0.00 0.00	33.68 0.00 0.00	35.80 0.00 0.00	39.04 0.00 0.00	44.96 -0.05 0.00	48.39 -0.10 0.00	48.52 -0.10 0.00	46.54 0.00 0.00	49.70 0.15 0.00	51.90 0.16 0.00	55.95 0.22 0.00	59.18 0.24 0.00	62.17 0.49 0.00	67.29 0.53 0.00	76.36 0.76 0.00	80.18 1.34 0.00	77.41 0.99 0.00	67.52 0.80 0.00	60.40 0.36 0.00	51.48 0.26 0.00	46.62 0.05 0.00
ONONDAGA___COGEN 23986	46.50 0.14 0.00	41.99 0.25 0.00	36.45 0.04 0.00	34.14 0.03 0.00	33.72 0.03 0.00	35.84 0.04 0.00	39.08 0.04 0.00	45.01 0.00 0.00	48.44 -0.05 0.00	48.57 -0.05 0.00	46.54 0.00 0.00	49.70 0.15 0.00	51.85 0.10 0.00	55.95 0.22 0.00	59.12 0.18 0.00	62.04 0.37 0.00	67.22 0.47 0.00	76.29 0.68 0.00	80.10 1.26 0.00	77.34 0.92 0.00	67.45 0.73 0.00	60.34 0.30 0.00	51.48 0.26 0.00	46.66 0.09 0.00
ONTARIO___LFGE 23819	47.06 0.70 0.00	42.82 1.08 0.00	36.96 0.55 0.00	34.62 0.51 0.00	34.09 0.41 0.00	36.41 0.61 0.00	39.59 0.55 0.00	45.24 0.23 0.00	48.69 0.19 0.00	48.86 0.24 0.00	47.01 0.47 0.00	50.10 0.55 0.00	52.47 0.72 0.00	56.61 0.89 0.00	59.71 0.76 0.00	62.66 0.98 0.00	68.22 1.47 0.00	77.42 1.81 0.00	82.00 3.16 0.00	78.79 2.37 0.00	68.79 2.07 0.00	61.36 1.32 0.00	52.25 1.02 0.00	47.36 0.79 0.00
ORANGEVILLE_WT_PWR 323706	45.85 -0.51 0.00	42.28 0.54 0.00	36.23 -0.18 0.00	34.07 -0.03 0.00	33.38 -0.30 0.00	35.77 -0.04 0.00	38.42 -0.63 0.00	43.03 -1.98 0.00	46.36 -2.13 0.00	46.97 -1.65 0.00	45.29 -1.25 0.00	48.61 -0.94 0.00	51.07 -0.67 0.00	55.06 -0.67 0.00	57.71 -1.24 0.00	60.62 -1.05 0.00	66.22 -0.54 0.00	74.70 -0.90 0.00	79.55 0.71 0.00	75.96 -0.46 0.00	66.52 -0.20 0.00	59.32 -0.72 0.00	50.87 -0.36 0.00	46.11 -0.47 0.00
ORANGEVILLE___ESR 323794	45.85 -0.51 0.00	42.28 0.54 0.00	36.23 -0.18 0.00	34.07 -0.03 0.00	33.38 -0.30 0.00	35.77 -0.04 0.00	38.42 -0.63 0.00	43.03 -1.98 0.00	46.36 -2.13 0.00	46.97 -1.65 0.00	45.29 -1.25 0.00	48.61 -0.94 0.00	51.07 -0.67 0.00	55.06 -0.67 0.00	57.71 -1.24 0.00	60.62 -1.05 0.00	66.22 -0.54 0.00	74.70 -0.90 0.00	79.55 0.71 0.00	75.96 -0.46 0.00	66.52 -0.20 0.00	59.32 -0.72 0.00	50.87 -0.36 0.00	46.11 -0.47 0.00
OSWEGATCHIE___HYD 24044	46.78 0.42 0.00	42.07 0.33 0.00	36.67 0.26 0.00	34.31 0.21 0.00	33.95 0.27 0.00	36.23 0.43 0.00	39.55 0.51 0.00	45.55 0.54 0.00	49.22 0.73 0.00	49.39 0.78 0.00	47.19 0.65 0.00	50.20 0.64 0.00	52.06 0.31 0.00	56.01 0.28 0.00	59.18 0.24 0.00	61.61 -0.06 0.00	66.09 -0.67 0.00	75.00 -0.61 0.00	78.69 -0.16 0.00	77.03 0.61 0.00	67.38 0.67 0.00	60.82 0.78 0.00	51.84 0.62 0.00	47.36 0.79 0.00
OSWEGO___5 23606	45.57 -0.79 0.00	41.15 -0.58 0.00	35.79 -0.62 0.00	33.53 -0.58 0.00	33.08 -0.61 0.00	35.19 -0.61 0.00	38.34 -0.70 0.00	44.11 -0.90 0.00	47.47 -1.02 0.00	47.65 -0.97 0.00	45.66 -0.89 0.00	48.71 -0.84 0.00	50.87 -0.88 0.00	54.83 -0.89 0.00	57.95 -1.00 0.00	60.68 -0.99 0.00	65.82 -0.93 0.00	74.62 -0.98 0.00	78.21 -0.63 0.00	75.51 -0.91 0.00	65.92 -0.80 0.00	59.08 -0.96 0.00	50.40 -0.82 0.00	45.73 -0.84 0.00
OSWEGO___6 23613	45.57 -0.79 0.00	41.15 -0.58 0.00	35.79 -0.62 0.00	33.53 -0.58 0.00	33.08 -0.61 0.00	35.19 -0.61 0.00	38.34 -0.70 0.00	44.11 -0.90 0.00	47.47 -1.02 0.00	47.65 -0.97 0.00	45.66 -0.89 0.00	48.71 -0.84 0.00	50.87 -0.88 0.00	54.83 -0.89 0.00	57.95 -1.00 0.00	60.68 -0.99 0.00	65.82 -0.93 0.00	74.62 -0.98 0.00	78.21 -0.63 0.00	75.51 -0.91 0.00	65.92 -0.80 0.00	59.08 -0.96 0.00	50.40 -0.82 0.00	45.73 -0.84 0.00

OUTOKUMPU-AB___DRP 24206	46.22 -0.14 0.00	42.49 0.75 0.00	36.16 -0.25 0.00	34.00 -0.10 0.00	33.51 -0.17 0.00	35.55 -0.25 0.00	38.11 -0.94 0.00	42.62 -2.39 0.00	46.21 -2.28 0.00	47.01 -1.60 0.00	45.38 -1.16 0.00	48.66 -0.89 0.00	51.12 -0.62 0.00	55.11 -0.61 0.00	57.83 -1.12 0.00	60.93 -0.74 0.00	65.96 -0.80 0.00	74.02 -1.59 0.00	78.84 0.00 0.00	75.43 -0.99 0.00	65.52 -1.20 0.00	58.72 -1.32 0.00	50.76 -0.46 0.00	46.29 -0.28 0.00
OXBOW___BTM 323836	45.67 -0.69 0.00	42.24 0.50 0.00	35.94 -0.47 0.00	33.83 -0.27 0.00	32.77 -0.91 0.00	35.12 -0.68 0.00	37.68 -1.37 0.00	41.95 -3.06 0.00	45.58 -2.91 0.00	46.38 -2.24 0.00	44.77 -1.77 0.00	48.07 -1.49 0.00	50.50 -1.24 0.00	54.45 -1.28 0.00	57.00 -1.94 0.00	59.82 -1.85 0.00	65.29 -1.47 0.00	72.96 -2.65 0.00	77.58 -1.26 0.00	73.44 -2.98 0.00	64.85 -1.87 0.00	58.06 -1.98 0.00	50.14 -1.08 0.00	45.45 -1.12 0.00
OXBOW___ 24026	45.67 -0.70 0.00	41.99 0.25 0.00	35.72 -0.69 0.00	33.60 -0.51 0.00	33.11 -0.57 0.00	35.12 -0.68 0.00	37.68 -1.37 0.00	42.08 -2.93 0.00	45.68 -2.81 0.00	46.48 -2.14 0.00	44.87 -1.68 0.00	48.07 -1.49 0.00	50.50 -1.24 0.00	54.44 -1.28 0.00	57.12 -1.83 0.00	60.25 -1.42 0.00	65.29 -1.47 0.00	72.96 -2.65 0.00	77.66 -1.18 0.00	74.20 -2.22 0.00	64.85 -1.87 0.00	58.06 -1.98 0.00	50.20 -1.02 0.00	45.83 -0.75 0.00
OXY_CHEM_DSASP 323612	44.92 -1.44 0.00	41.36 -0.38 0.00	35.17 -1.24 0.00	33.05 -1.06 0.00	32.57 -1.11 0.00	34.58 -1.22 0.00	37.13 -1.91 0.00	41.41 -3.60 0.00	44.90 -3.59 0.00	45.70 -2.92 0.00	44.17 -2.37 0.00	47.28 -2.28 0.00	49.62 -2.12 0.00	53.44 -2.28 0.00	56.06 -2.89 0.00	59.27 -2.41 0.00	64.15 -2.60 0.00	72.20 -3.40 0.00	76.79 -2.05 0.00	73.44 -2.98 0.00	63.78 -2.94 0.00	57.10 -2.94 0.00	49.38 -1.84 0.00	45.13 -1.44 0.00
OZONE_PARK_ESR 323760	51.09 4.73 0.00	46.12 4.38 0.00	40.38 3.97 0.00	37.79 3.68 0.00	37.25 3.57 0.00	39.56 3.76 0.00	43.34 4.29 0.00	50.05 5.04 0.00	53.24 4.75 0.00	53.54 4.91 -0.01	51.35 4.79 -0.01	54.62 5.05 -0.01	57.02 5.28 0.00	61.35 5.63 0.00	64.96 6.01 0.00	69.32 7.65 0.00	75.84 9.08 0.00	86.73 9.98 -1.14	88.93 10.09 0.00	84.52 8.10 0.00	73.39 6.67 0.00	65.08 5.04 0.00	55.88 4.66 0.00	50.72 4.14 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	44.92 -1.44 0.00	41.36 -0.38 0.00	35.17 -1.24 0.00	33.05 -1.06 0.00	32.57 -1.11 0.00	34.58 -1.22 0.00	37.13 -1.91 0.00	41.41 -3.60 0.00	44.90 -3.59 0.00	45.70 -2.92 0.00	44.17 -2.37 0.00	47.28 -2.28 0.00	49.62 -2.12 0.00	53.44 -2.28 0.00	56.06 -2.89 0.00	59.27 -2.41 0.00	64.15 -2.60 0.00	72.20 -3.40 0.00	76.79 -2.05 0.00	73.44 -2.98 0.00	63.78 -2.94 0.00	57.10 -2.94 0.00	49.38 -1.84 0.00	45.13 -1.44 0.00
PACKARD___115KV_DUPONT_184 80571	44.92 -1.44 0.00	41.36 -0.38 0.00	35.17 -1.24 0.00	33.05 -1.06 0.00	32.57 -1.11 0.00	34.58 -1.22 0.00	37.13 -1.91 0.00	41.41 -3.60 0.00	44.90 -3.59 0.00	45.70 -2.92 0.00	44.17 -2.37 0.00	47.28 -2.28 0.00	49.62 -2.12 0.00	53.44 -2.28 0.00	56.06 -2.89 0.00	59.27 -2.41 0.00	64.15 -2.60 0.00	72.20 -3.40 0.00	76.79 -2.05 0.00	73.44 -2.98 0.00	63.78 -2.94 0.00	57.10 -2.94 0.00	49.38 -1.84 0.00	45.13 -1.44 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	50.73 4.36 -0.01	45.84 4.09 -0.01	39.98 3.57 0.00	37.45 3.34 0.00	36.88 3.20 0.00	39.20 3.40 0.00	42.91 3.87 0.00	49.51 4.50 0.00	52.61 4.12 0.00	52.91 4.28 -0.02	50.73 4.19 0.00	54.03 4.46 -0.02	56.25 4.50 0.00	60.29 4.57 0.00	63.37 4.42 0.00	67.78 6.11 0.00	74.30 7.54 0.00	85.21 8.47 -1.14	87.12 8.28 0.00	82.92 6.50 0.00	72.06 5.34 0.00	63.88 3.84 0.00	55.52 4.30 0.00	50.16 3.59 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	51.51 5.15 -0.01	46.54 4.80 -0.01	40.63 4.22 0.00	38.03 3.92 0.00	37.49 3.81 0.00	39.85 4.05 0.00	43.53 4.49 0.00	50.19 5.18 0.00	53.34 4.85 0.00	53.59 4.96 -0.02	51.34 4.79 0.00	54.68 5.10 -0.02	56.97 5.23 0.00	61.07 5.35 0.00	64.19 5.25 0.00	68.70 7.03 0.00	75.30 8.54 0.00	86.35 9.60 -1.14	88.46 9.62 0.00	84.21 7.79 0.00	73.12 6.40 0.00	64.84 4.80 0.00	56.34 5.12 0.00	50.90 4.33 0.00
PATROON___115KV_TB1 80586	47.61 1.25 0.00	42.91 1.17 0.00	37.61 1.20 0.00	35.23 1.13 0.00	34.79 1.11 0.00	36.98 1.18 0.00	40.25 1.21 0.00	46.67 1.67 0.00	49.70 1.21 0.00	49.74 1.12 0.00	47.33 0.79 0.00	50.35 0.79 0.00	52.68 0.93 0.00	56.84 1.11 0.00	60.24 1.30 0.00	63.65 1.97 0.00	68.63 1.87 0.00	79.30 2.72 -0.98	81.76 2.92 0.00	78.48 2.06 0.00	68.45 1.73 0.00	61.36 1.32 0.00	52.19 0.97 0.00	47.46 0.88 0.00
PATTRSNVILLE___SOLAR 323815	48.82 2.46 0.00	43.99 2.25 0.00	38.34 1.93 0.00	35.88 1.77 0.00	35.43 1.75 0.00	37.73 1.93 0.00	41.15 2.11 0.00	47.44 2.43 0.00	50.62 2.13 0.00	50.57 1.95 0.00	48.12 1.58 0.00	51.04 1.49 0.00	53.40 1.66 0.00	57.56 1.84 0.00	60.95 2.01 0.00	64.02 2.34 0.00	69.36 2.60 0.00	81.57 3.55 -2.41	83.26 4.41 0.00	80.54 4.12 0.00	70.38 3.67 0.00	63.16 3.12 0.00	53.73 2.51 0.00	48.71 2.14 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	45.85 -0.51 0.00	42.07 0.33 0.00	35.94 -0.47 0.00	33.80 -0.31 0.00	33.31 -0.37 0.00	35.37 -0.43 0.00	38.03 -1.02 0.00	42.85 -2.16 0.00	46.45 -2.04 0.00	47.21 -1.41 0.00	45.66 -0.88 0.00	48.91 -0.64 0.00	51.43 -0.31 0.00	55.50 -0.22 0.00	58.30 -0.65 0.00	61.67 0.00 0.00	66.89 0.13 0.00	75.23 -0.38 0.00	79.95 1.10 0.00	76.42 0.00 0.00	66.25 -0.47 0.00	59.02 -1.02 0.00	50.86 -0.36 0.00	46.20 -0.37 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	50.25 3.89 0.00	45.41 3.67 0.00	39.72 3.31 0.00	37.21 3.10 0.00	36.68 3.00 0.00	39.02 3.22 0.00	42.64 3.59 0.00	49.24 4.23 0.00	52.42 3.93 0.00	52.61 3.99 0.00	50.40 3.86 0.00	53.62 4.06 0.00	56.14 4.40 0.00	60.52 4.79 0.00	64.19 5.25 0.00	68.09 6.41 0.00	74.63 7.88 0.00	85.49 8.85 -1.04	88.15 9.30 0.00	83.76 7.34 0.00	72.66 5.94 0.00	64.54 4.50 0.00	55.06 3.84 0.00	49.97 3.40 0.00
PEEKSKILL___ 23653	49.93 3.57 0.00	45.08 3.34 0.00	39.50 3.09 0.00	37.00 2.90 0.00	36.45 2.76 0.00	38.77 2.97 0.00	42.36 3.32 0.00	48.92 3.91 0.00	52.08 3.59 0.00	52.27 3.65 0.00	50.08 3.54 0.00	53.28 3.72 0.00	55.73 3.98 0.00	60.02 4.29 0.00	63.60 4.66 0.00	67.34 5.67 0.00	73.90 7.15 0.00	84.51 7.79 -1.12	86.80 7.96 0.00	82.76 6.34 0.00	71.72 5.01 0.00	63.83 3.78 0.00	54.55 3.33 0.00	49.55 2.98 0.00
PGE MADISON___WINDPWR 24146	50.02 3.66 0.00	45.37 3.63 0.00	39.36 2.95 0.00	36.70 2.59 0.00	36.24 2.56 0.00	38.99 3.19 0.00	42.40 3.36 0.00	48.74 3.73 0.00	52.08 3.59 0.00	51.68 3.06 0.00	49.33 2.79 0.00	52.53 2.97 0.00	54.75 3.00 0.00	59.24 3.51 0.00	62.54 3.60 0.00	65.81 4.13 0.00	72.10 5.34 0.00	82.79 7.19 0.00	87.98 9.14 0.00	85.05 8.63 0.00	74.12 7.40 0.00	66.04 6.00 0.00	55.73 4.51 0.00	50.25 3.68 0.00

PIERCEFIELD___HYD 23852	46.31 -0.05 0.00	41.53 -0.21 0.00	36.30 -0.11 0.00	34.04 -0.07 0.00	33.72 0.03 0.00	35.80 0.00 0.00	39.08 0.04 0.00	45.01 0.00 0.00	48.93 0.44 0.00	49.01 0.39 0.00	46.96 0.42 0.00	49.85 0.30 0.00	51.75 0.00 0.00	55.50 -0.22 0.00	58.71 -0.24 0.00	60.69 -0.99 0.00	65.29 -1.47 0.00	73.49 -2.12 0.00	76.64 -2.21 0.00	75.43 -0.99 0.00	66.12 -0.60 0.00	59.80 -0.24 0.00	51.27 0.05 0.00	47.08 0.51 0.00
PINELAWN_CC_1 323563	51.69 5.33 0.00	46.63 4.88 -0.02	40.82 4.40 -0.01	38.21 4.09 -0.01	37.63 3.94 -0.01	39.96 4.15 -0.01	43.77 4.72 -0.01	50.41 5.40 0.00	52.95 4.46 0.00	52.84 4.23 0.00	49.83 3.35 0.06	53.12 3.62 0.05	55.79 4.14 0.10	67.01 4.85 -6.44	71.40 5.48 -6.97	71.60 6.53 -3.39	77.81 8.21 -2.85	93.47 9.22 -8.65	89.04 9.38 -0.81	85.93 7.64 -1.87	72.59 5.87 0.00	64.25 4.20 0.00	56.36 4.00 -1.14	49.76 3.26 0.07
PJM_GEN_HTTP_PROXY 323702	50.49 4.12 0.00	45.53 3.80 0.00	39.91 3.50 0.00	37.35 3.24 0.00	36.78 3.10 0.00	39.13 3.33 0.00	42.83 3.79 0.00	49.51 4.50 0.00	52.76 4.27 0.00	52.95 4.33 -0.01	50.74 4.19 -0.01	53.98 4.41 -0.01	56.35 4.60 0.00	60.63 4.90 0.00	64.19 5.24 0.00	68.21 6.53 0.00	74.83 8.07 0.00	86.91 8.77 -2.54	86.20 8.75 1.40	83.45 7.03 0.00	72.32 5.61 0.00	64.24 4.20 0.00	55.36 3.84 -0.30	49.77 3.49 0.30
PJM_GEN_KEystone 24065	47.56 1.20 0.00	43.32 1.59 0.00	37.68 1.27 0.00	35.30 1.19 0.00	34.66 0.98 0.00	37.02 1.22 0.00	40.18 1.13 0.00	45.96 0.95 0.00	49.27 0.77 0.00	49.64 1.02 0.00	47.75 1.21 0.00	50.94 1.39 0.00	53.40 1.66 0.00	57.36 1.84 0.20	60.37 1.83 0.40	63.59 2.47 0.55	69.90 3.47 0.33	80.54 3.55 -1.39	80.96 4.10 1.98	78.44 2.60 0.58	67.90 2.07 0.89	60.83 1.20 0.41	52.80 1.28 -0.30	47.25 0.98 0.30
PJM_GEN_NEPTUNE_PROXY 323594	50.95 4.59 0.00	45.93 4.17 -0.02	40.24 3.82 -0.01	37.66 3.55 -0.01	37.09 3.40 -0.01	39.46 3.65 -0.01	43.15 4.10 -0.01	49.78 4.77 0.00	52.37 3.88 0.00	52.36 3.74 0.00	49.84 3.30 0.00	53.22 3.67 0.00	55.89 4.14 0.00	60.47 4.73 -0.01	64.26 5.31 0.00	68.44 6.41 -0.35	75.00 7.94 -0.31	87.71 8.77 -3.33	86.37 8.83 1.30	83.79 7.18 -0.19	72.32 5.61 0.01	64.06 4.02 0.00	55.66 4.05 -0.39	49.57 3.31 0.31
PJM_GEN_VFT_PROXY 323633	50.30 3.94 0.00	45.33 3.59 0.00	39.76 3.35 0.00	37.24 3.14 0.00	36.65 2.96 0.00	38.99 3.19 0.00	42.71 3.67 0.00	49.33 4.32 0.00	52.57 4.07 0.00	52.76 4.13 -0.01	50.60 4.05 -0.01	53.73 4.16 -0.01	56.08 4.35 0.01	57.48 4.57 2.82	58.07 4.89 5.77	59.95 6.11 7.83	69.69 7.61 4.67	77.50 8.32 6.42	77.41 8.28 9.71	74.66 6.57 8.34	59.22 5.21 12.71	58.01 3.78 5.82	55.10 3.58 -0.29	49.53 3.26 0.30
PLATSBURG_115KV_PMLD1 355749	45.39 -0.97 0.00	40.69 -1.04 0.00	35.65 -0.76 0.00	33.49 -0.61 0.00	33.14 -0.54 0.00	35.16 -0.64 0.00	38.46 -0.59 0.00	44.33 -0.68 0.00	47.86 -0.63 0.00	47.94 -0.68 0.00	46.31 -0.23 0.00	48.86 -0.69 0.00	50.92 -0.83 0.00	54.00 -1.73 0.00	56.83 -2.12 0.00	58.71 -2.96 0.00	63.62 -3.14 0.00	72.13 -3.48 0.00	75.14 -3.71 0.00	73.75 -2.67 0.00	64.52 -2.20 0.00	58.18 -1.86 0.00	49.94 -1.28 0.00	46.20 -0.37 0.00
PLEASANTVLY___LBMP 24000	49.37 3.01 0.00	44.62 2.88 0.00	39.07 2.66 0.00	36.60 2.49 0.00	36.07 2.39 0.00	38.34 2.54 0.00	41.89 2.85 0.00	48.43 3.42 0.00	51.50 3.01 0.00	51.73 3.11 0.00	49.47 2.93 0.00	52.68 3.12 0.00	55.06 3.31 0.00	59.29 3.57 0.00	62.78 3.83 0.00	66.67 5.00 0.00	72.90 6.14 0.00	83.54 6.65 -1.29	85.62 6.78 0.00	81.62 5.20 0.00	70.99 4.27 0.00	63.22 3.18 0.00	54.04 2.82 0.00	49.04 2.47 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	49.98 3.62 0.00	45.20 3.46 0.00	39.62 3.20 0.00	37.07 2.97 0.00	36.55 2.86 0.00	38.85 3.04 0.00	42.48 3.44 0.00	49.06 4.05 0.00	52.18 3.69 0.00	52.46 3.84 0.00	50.22 3.68 0.00	53.47 3.91 0.00	55.94 4.19 0.00	60.18 4.46 0.00	63.78 4.83 0.00	67.84 6.17 0.00	74.17 7.41 0.00	84.92 8.17 -1.15	87.12 8.28 0.00	82.92 6.50 0.00	71.99 5.27 0.00	64.00 3.96 0.00	54.76 3.53 0.00	49.69 3.12 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	49.98 3.62 0.00	45.20 3.46 0.00	39.62 3.20 0.00	37.07 2.97 0.00	36.55 2.86 0.00	38.85 3.04 0.00	42.48 3.44 0.00	49.06 4.05 0.00	52.18 3.69 0.00	52.46 3.84 0.00	50.22 3.68 0.00	53.47 3.91 0.00	55.94 4.19 0.00	60.18 4.46 0.00	63.78 4.83 0.00	67.84 6.17 0.00	74.17 7.41 0.00	84.92 8.17 -1.15	87.12 8.28 0.00	82.92 6.50 0.00	71.99 5.27 0.00	64.00 3.96 0.00	54.76 3.53 0.00	49.69 3.12 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	49.84 3.48 0.00	45.03 3.30 0.00	39.43 3.02 0.00	36.90 2.80 0.00	36.38 2.69 0.00	38.70 2.90 0.00	42.28 3.24 0.00	48.79 3.78 0.00	51.93 3.44 0.00	52.17 3.55 0.00	49.89 3.35 0.00	53.12 3.57 0.00	55.63 3.88 0.00	59.96 4.24 0.00	63.60 4.66 0.00	67.53 5.86 0.00	73.77 7.01 0.00	84.40 7.86 -0.93	87.04 8.20 0.00	82.92 6.50 0.00	71.99 5.27 0.00	64.00 3.96 0.00	54.65 3.43 0.00	49.55 2.98 0.00
POLETTI___ 23519	50.44 4.08 0.00	45.53 3.80 0.00	39.94 3.53 0.00	37.38 3.27 0.00	36.85 3.17 0.00	39.13 3.33 0.00	42.87 3.83 0.00	49.46 4.46 0.00	52.61 4.12 0.00	52.91 4.28 -0.01	50.70 4.14 -0.01	53.93 4.36 -0.01	56.30 4.55 0.00	60.57 4.85 0.00	64.08 5.13 0.00	68.33 6.66 0.00	74.77 8.01 0.00	85.52 8.77 -1.14	87.59 8.75 0.00	83.30 6.88 0.00	72.26 5.54 0.00	64.18 4.14 0.00	55.11 3.89 0.00	50.06 3.49 0.00
POMONA___ESR 323819	49.84 3.48 0.00	44.99 3.26 0.00	39.50 3.09 0.00	36.97 2.87 0.00	36.45 2.76 0.00	38.74 2.94 0.00	42.32 3.28 0.00	48.83 3.82 0.00	52.03 3.54 0.00	52.22 3.60 0.00	50.03 3.49 0.00	53.22 3.67 0.00	55.73 3.98 0.00	60.02 4.29 0.00	63.60 4.66 0.00	67.41 5.74 0.00	73.90 7.15 0.00	84.46 7.79 -1.07	86.80 7.96 0.00	82.76 6.34 0.00	71.72 5.01 0.00	63.76 3.72 0.00	54.50 3.28 0.00	49.46 2.89 0.00
PORT_JEFF_3 23555	51.55 5.19 0.00	46.59 4.84 -0.02	40.75 4.33 -0.01	38.14 4.02 -0.01	37.53 3.84 -0.01	39.85 4.04 -0.01	43.70 4.64 -0.01	50.27 5.26 0.00	52.76 4.27 0.00	52.60 3.99 0.00	49.86 3.44 0.13	53.10 3.67 0.12	55.62 4.14 0.27	66.03 4.85 -5.46	70.46 5.60 -5.91	69.57 6.41 -1.48	76.16 8.14 -1.26	89.19 9.14 -4.44	88.43 9.22 -0.36	84.65 7.41 -0.82	72.32 5.61 0.00	64.13 4.08 0.00	55.51 3.79 -0.50	49.78 3.36 0.14
PORT_JEFF_4 23616	51.55 5.19 0.00	46.59 4.84 -0.02	40.75 4.33 -0.01	38.14 4.02 -0.01	37.53 3.84 -0.01	39.85 4.04 -0.01	43.70 4.64 -0.01	50.27 5.26 0.00	52.76 4.27 0.00	52.60 3.99 0.00	49.86 3.44 0.13	53.10 3.67 0.12	55.62 4.14 0.27	66.03 4.85 -5.46	70.46 5.60 -5.91	69.57 6.41 -1.48	76.16 8.14 -1.26	89.19 9.14 -4.44	88.43 9.22 -0.36	84.65 7.41 -0.82	72.32 5.61 0.00	64.13 4.08 0.00	55.51 3.79 -0.50	49.78 3.36 0.14

PORT_JEFF_IC 23713	51.00 4.64 0.00	46.68 4.92 -0.02	40.82 4.41 0.00	38.17 4.06 0.00	37.62 3.94 0.00	39.92 4.12 0.00	43.77 4.72 0.00	50.23 5.22 0.00	51.79 3.30 0.00	52.46 3.84 0.00	49.82 3.44 0.17	53.26 3.87 0.16	55.73 4.35 0.36	66.42 5.13 -5.57	70.41 5.42 -6.04	70.05 6.85 -1.53	76.40 8.34 -1.30	89.54 9.38 -4.56	88.60 9.38 -0.38	84.68 7.41 -0.85	72.38 5.67 0.00	64.37 4.32 0.00	55.74 4.00 -0.52	49.51 3.12 0.19
PPL PILGRIM_ST_GT1 24216	51.97 5.61 0.00	46.97 5.22 -0.02	41.08 4.66 -0.01	38.45 4.33 -0.01	37.87 4.18 -0.01	40.21 4.40 -0.01	44.09 5.04 -0.01	50.68 5.67 0.00	53.19 4.70 0.00	53.04 4.42 0.00	50.20 3.82 0.16	53.73 4.21 0.04	56.52 4.76 -0.02	109.62 5.57 -48.32	117.39 6.07 -52.37	70.59 7.15 -1.76	77.16 8.88 -1.52	90.75 10.06 -5.09	89.55 10.25 -0.46	85.83 8.41 -1.00	73.18 6.47 0.00	65.00 4.92 -0.03	56.28 4.45 -0.60	50.08 3.68 0.17
PPL PILGRIM_ST_GT2 24217	51.97 5.61 0.00	46.97 5.22 -0.02	41.08 4.66 -0.01	38.45 4.33 -0.01	37.87 4.18 -0.01	40.21 4.40 -0.01	44.09 5.04 -0.01	50.68 5.67 0.00	53.19 4.70 0.00	53.04 4.42 0.00	50.20 3.82 0.16	53.73 4.21 0.04	56.52 4.76 -0.02	109.62 5.57 -48.32	117.39 6.07 -52.37	70.59 7.15 -1.76	77.16 8.88 -1.52	90.75 10.06 -5.09	89.55 10.25 -0.46	85.83 8.41 -1.00	73.18 6.47 0.00	65.00 4.92 -0.03	56.28 4.45 -0.60	50.08 3.68 0.17
PPL_SHRM_GT3 24213	51.27 4.91 0.00	46.26 4.51 -0.02	40.46 4.04 -0.01	37.87 3.75 -0.01	37.30 3.61 -0.01	39.57 3.76 -0.01	43.42 4.37 -0.01	49.96 4.95 0.00	52.47 3.98 0.00	52.26 3.65 0.00	49.62 3.21 0.13	53.04 3.62 0.13	55.60 4.14 0.28	66.56 4.90 -5.93	71.08 5.72 -6.42	69.90 6.72 -1.51	76.51 8.48 -1.28	89.78 9.68 -4.50	88.99 9.77 -0.37	85.20 7.95 -0.83	72.65 5.94 0.00	64.18 4.14 0.00	55.47 3.74 -0.51	49.59 3.17 0.15
PPL_SHRM_GT4 24214	51.27 4.91 0.00	46.26 4.51 -0.02	40.46 4.04 -0.01	37.87 3.75 -0.01	37.30 3.61 -0.01	39.57 3.76 -0.01	43.42 4.37 -0.01	49.96 4.95 0.00	52.47 3.98 0.00	52.26 3.65 0.00	49.62 3.21 0.13	53.04 3.62 0.13	55.60 4.14 0.28	66.56 4.90 -5.93	71.08 5.72 -6.42	69.90 6.72 -1.51	76.51 8.48 -1.28	89.78 9.68 -4.50	88.99 9.77 -0.37	85.20 7.95 -0.83	72.65 5.94 0.00	64.18 4.14 0.00	55.47 3.74 -0.51	49.59 3.17 0.15
PROJECT___ORANGE 1 24174	46.27 -0.09 0.00	41.78 0.04 0.00	36.30 -0.11 0.00	33.97 -0.14 0.00	33.55 -0.13 0.00	35.69 -0.11 0.00	38.93 -0.12 0.00	44.83 -0.18 0.00	48.25 -0.24 0.00	48.42 -0.19 0.00	46.40 -0.14 0.00	49.56 0.00 0.00	51.75 0.00 0.00	55.84 0.11 0.00	59.01 0.06 0.00	61.92 0.25 0.00	67.09 0.33 0.00	76.06 0.45 0.00	79.87 1.02 0.00	77.11 0.69 0.00	67.18 0.47 0.00	60.16 0.12 0.00	51.27 0.05 0.00	46.48 -0.09 0.00
PROJECT___ORANGE 2 24166	46.27 -0.09 0.00	41.78 0.04 0.00	36.30 -0.11 0.00	33.97 -0.14 0.00	33.55 -0.13 0.00	35.69 -0.11 0.00	38.93 -0.12 0.00	44.83 -0.18 0.00	48.25 -0.24 0.00	48.42 -0.19 0.00	46.40 -0.14 0.00	49.56 0.00 0.00	51.75 0.00 0.00	55.84 0.11 0.00	59.01 0.06 0.00	61.92 0.25 0.00	67.09 0.33 0.00	76.06 0.45 0.00	79.87 1.02 0.00	77.11 0.69 0.00	67.18 0.47 0.00	60.16 0.12 0.00	51.27 0.05 0.00	46.48 -0.09 0.00
PUCKETT___SOLAR 323809	47.66 1.30 0.00	43.24 1.50 0.00	37.54 1.13 0.00	35.13 1.02 0.00	34.62 0.94 0.00	36.98 1.18 0.00	40.26 1.21 0.00	46.18 1.17 0.00	49.46 0.97 0.00	49.49 0.88 0.00	47.33 0.79 0.00	50.50 0.94 0.00	52.78 1.03 0.00	56.95 1.22 0.00	60.19 1.24 0.00	63.27 1.60 0.00	69.03 2.27 0.00	78.48 2.87 0.00	82.78 3.94 0.00	79.70 3.28 0.00	69.58 2.87 0.00	62.14 2.10 0.00	52.91 1.69 0.00	47.87 1.30 0.00
PYRITES___HYD 24023	47.01 0.65 0.00	42.15 0.42 0.00	36.81 0.40 0.00	34.52 0.41 0.00	34.19 0.51 0.00	36.37 0.57 0.00	39.71 0.66 0.00	45.59 0.59 0.00	49.51 1.02 0.00	49.44 0.83 0.00	47.33 0.79 0.00	50.20 0.64 0.00	52.11 0.36 0.00	55.89 0.17 0.00	59.12 0.18 0.00	60.99 -0.68 0.00	65.82 -0.93 0.00	74.47 -1.13 0.00	77.90 -0.95 0.00	76.88 0.46 0.00	67.45 0.73 0.00	61.06 1.02 0.00	52.14 0.92 0.00	47.78 1.21 0.00
QUAKERRD_115KV_BK1 80622	45.71 -0.65 0.00	41.53 -0.21 0.00	35.76 -0.66 0.00	33.46 -0.65 0.00	33.08 -0.61 0.00	35.12 -0.68 0.00	38.11 -0.94 0.00	43.43 -1.58 0.00	46.89 -1.60 0.00	47.31 -1.31 0.00	45.61 -0.93 0.00	48.76 -0.79 0.00	51.02 -0.72 0.00	55.06 -0.67 0.00	58.06 -0.88 0.00	61.12 -0.56 0.00	66.16 -0.60 0.00	74.92 -0.68 0.00	79.08 0.24 0.00	75.96 -0.46 0.00	66.18 -0.53 0.00	59.20 -0.84 0.00	50.61 -0.61 0.00	45.97 -0.61 0.00
QUENSBRY_115KV_TB8 356137	49.33 2.97 0.00	44.49 2.75 0.00	38.67 2.26 0.00	36.09 1.98 0.00	35.64 1.95 0.00	38.06 2.26 0.00	41.54 2.50 0.00	47.93 2.93 0.00	51.16 2.67 0.00	51.10 2.48 0.00	47.80 1.26 0.00	50.75 1.19 0.00	53.19 1.45 0.00	57.40 1.67 0.00	60.89 1.95 0.00	64.26 2.59 0.00	69.69 2.94 0.00	83.77 4.23 -3.93	84.84 5.99 0.00	81.69 5.27 0.00	71.59 4.87 0.00	64.18 4.14 0.00	54.35 3.12 0.00	49.23 2.65 0.00
RAMAPO___LBMP 323565	49.56 3.20 0.00	44.83 3.09 0.00	39.36 2.95 0.00	36.84 2.73 0.00	36.31 2.63 0.00	38.59 2.79 0.00	42.17 3.12 0.00	48.61 3.60 0.00	51.69 3.20 0.00	51.97 3.35 0.00	49.80 3.26 0.00	53.03 3.47 0.00	55.47 3.73 0.00	59.74 4.01 0.00	63.31 4.36 0.00	67.29 5.61 0.00	73.57 6.81 0.00	84.06 7.41 -1.05	86.33 7.49 0.00	82.23 5.81 0.00	71.39 4.67 0.00	63.52 3.48 0.00	54.29 3.07 0.00	49.27 2.70 0.00
RANKINE____ 23646	46.31 -0.05 0.00	42.53 0.79 0.00	36.27 -0.15 0.00	34.11 0.00 0.00	33.62 -0.07 0.00	35.69 -0.11 0.00	38.34 -0.70 0.00	43.03 -1.98 0.00	46.60 -1.89 0.00	47.40 -1.22 0.00	45.80 -0.74 0.00	49.06 -0.50 0.00	51.59 -0.16 0.00	55.61 -0.11 0.00	58.42 -0.53 0.00	61.74 0.06 0.00	66.89 0.13 0.00	75.23 -0.38 0.00	80.03 1.18 0.00	76.57 0.15 0.00	66.38 -0.33 0.00	59.26 -0.78 0.00	51.12 -0.10 0.00	46.52 -0.05 0.00
RAVENSWOOD_GT2_1 24244	50.49 4.13 0.00	45.58 3.84 0.00	39.98 3.57 0.00	37.42 3.31 0.00	36.88 3.20 0.00	39.17 3.37 0.00	42.87 3.83 0.00	49.51 4.50 0.00	52.66 4.17 0.00	52.96 4.33 -0.02	50.75 4.19 -0.02	53.98 4.41 -0.02	56.40 4.66 0.00	60.63 4.90 0.00	64.14 5.19 0.00	68.33 6.66 0.00	74.77 8.01 0.00	85.52 8.77 -1.14	87.67 8.83 0.00	83.30 6.88 0.00	72.32 5.60 0.00	64.24 4.20 0.00	55.17 3.94 0.00	50.11 3.54 0.00
RAVENSWOOD_GT2_2 24245	50.49 4.13 0.00	45.58 3.84 0.00	39.98 3.57 0.00	37.42 3.31 0.00	36.88 3.20 0.00	39.17 3.37 0.00	42.87 3.83 0.00	49.51 4.50 0.00	52.66 4.17 0.00	52.96 4.33 -0.02	50.75 4.19 -0.02	53.98 4.41 -0.02	56.40 4.66 0.00	60.63 4.90 0.00	64.14 5.19 0.00	68.33 6.66 0.00	74.77 8.01 0.00	85.52 8.77 -1.14	87.67 8.83 0.00	83.30 6.88 0.00	72.32 5.60 0.00	64.24 4.20 0.00	55.17 3.94 0.00	50.11 3.54 0.00

RAVENSWOOD_GT2_3 24246	50.49 4.13 0.00	45.62 3.88 0.00	39.98 3.57 0.00	37.45 3.34 0.00	36.88 3.20 0.00	39.20 3.40 0.00	42.91 3.87 0.00	49.55 4.55 0.00	52.71 4.22 0.00	52.96 4.33 -0.02	50.79 4.24 -0.02	54.03 4.46 -0.02	56.40 4.66 0.00	60.68 4.96 0.00	64.19 5.25 0.00	68.40 6.72 0.00	74.84 8.08 0.00	85.59 8.85 -1.14	87.75 8.91 0.00	83.37 6.95 0.00	72.39 5.67 0.00	64.30 4.26 0.00	55.22 4.00 0.00	50.16 3.59 0.00
RAVENSWOOD_GT2_4 24247	50.49 4.13 0.00	45.62 3.88 0.00	39.98 3.57 0.00	37.45 3.34 0.00	36.88 3.20 0.00	39.20 3.40 0.00	42.91 3.87 0.00	49.55 4.55 0.00	52.71 4.22 0.00	52.96 4.33 -0.02	50.79 4.24 -0.02	54.03 4.46 -0.02	56.40 4.66 0.00	60.68 4.96 0.00	64.19 5.25 0.00	68.40 6.72 0.00	74.84 8.08 0.00	85.59 8.85 -1.14	87.75 8.91 0.00	83.37 6.95 0.00	72.39 5.67 0.00	64.30 4.26 0.00	55.22 4.00 0.00	50.16 3.59 0.00
RAVENSWOOD_GT3_1 24248	50.49 4.13 0.00	45.62 3.88 0.00	39.94 3.53 0.00	37.42 3.31 0.00	36.88 3.20 0.00	39.17 3.37 0.00	42.87 3.83 0.00	49.51 4.50 0.00	52.66 4.17 0.00	52.96 4.33 -0.01	50.75 4.19 -0.02	53.98 4.41 -0.02	56.40 4.66 0.00	60.63 4.90 0.00	64.14 5.19 0.00	68.40 6.72 0.00	74.84 8.08 0.00	85.59 8.85 -1.14	87.67 8.83 0.00	83.37 6.95 0.00	72.39 5.67 0.00	64.24 4.20 0.00	55.17 3.94 0.00	50.11 3.54 0.00
RAVENSWOOD_GT3_2 24249	50.49 4.13 0.00	45.62 3.88 0.00	39.94 3.53 0.00	37.42 3.31 0.00	36.88 3.20 0.00	39.17 3.37 0.00	42.87 3.83 0.00	49.51 4.50 0.00	52.66 4.17 0.00	52.96 4.33 -0.01	50.75 4.19 -0.02	53.98 4.41 -0.02	56.40 4.66 0.00	60.63 4.90 0.00	64.14 5.19 0.00	68.40 6.72 0.00	74.84 8.08 0.00	85.59 8.85 -1.14	87.67 8.83 0.00	83.37 6.95 0.00	72.39 5.67 0.00	64.24 4.20 0.00	55.17 3.94 0.00	50.11 3.54 0.00
RAVENSWOOD_GT3_3 24250	50.58 4.22 0.00	45.66 3.92 0.00	40.02 3.60 0.00	37.48 3.38 0.00	36.92 3.23 0.00	39.24 3.44 0.00	42.95 3.90 0.00	49.60 4.59 0.00	52.76 4.27 0.00	53.06 4.42 -0.02	50.84 4.28 -0.02	54.08 4.51 -0.02	56.51 4.76 0.00	60.74 5.02 0.00	64.31 5.36 0.00	68.52 6.85 0.00	74.97 8.21 0.00	85.74 9.00 -1.14	87.91 9.07 0.00	83.53 7.11 0.00	72.52 5.80 0.00	64.36 4.32 0.00	55.27 4.05 0.00	50.20 3.63 0.00
RAVENSWOOD_GT3_4 24251	50.58 4.22 0.00	45.66 3.92 0.00	40.02 3.60 0.00	37.48 3.38 0.00	36.92 3.23 0.00	39.24 3.44 0.00	42.95 3.90 0.00	49.60 4.59 0.00	52.76 4.27 0.00	53.06 4.42 -0.02	50.84 4.28 -0.02	54.08 4.51 -0.02	56.51 4.76 0.00	60.74 5.02 0.00	64.31 5.36 0.00	68.52 6.85 0.00	74.97 8.21 0.00	85.74 9.00 -1.14	87.91 9.07 0.00	83.53 7.11 0.00	72.52 5.80 0.00	64.36 4.32 0.00	55.27 4.05 0.00	50.20 3.63 0.00
RAVENSWOOD_GT_1 23729	50.73 4.36 -0.01	45.84 4.09 -0.01	40.16 3.75 0.00	37.59 3.48 0.00	37.05 3.37 0.00	39.38 3.58 0.00	43.10 4.06 0.00	49.78 4.77 0.00	52.90 4.41 0.00	53.20 4.57 -0.02	50.98 4.42 -0.02	54.28 4.71 -0.02	56.51 4.76 0.00	60.63 4.90 0.00	63.84 4.89 0.00	68.09 6.41 0.00	74.50 7.74 0.00	85.36 8.62 -1.14	87.28 8.44 0.00	82.92 6.50 0.00	71.99 5.27 0.00	63.94 3.90 0.00	55.47 4.25 0.00	50.39 3.82 0.00
RAVENSWOOD_GT_10 24258	50.49 4.13 0.00	45.58 3.84 0.00	39.98 3.57 0.00	37.42 3.31 0.00	36.88 3.20 0.00	39.17 3.37 0.00	42.87 3.83 0.00	49.51 4.50 0.00	52.66 4.17 0.00	52.96 4.33 -0.02	50.75 4.19 -0.02	54.03 4.46 -0.02	56.40 4.66 0.00	60.63 4.90 0.00	64.14 5.19 0.00	68.40 6.72 0.00	74.84 8.08 0.00	85.59 8.85 -1.14	87.67 8.83 0.00	83.37 6.95 0.00	72.32 5.60 0.00	64.24 4.20 0.00	55.17 3.94 0.00	50.11 3.54 0.00
RAVENSWOOD_GT_11 24259	50.49 4.13 0.00	45.58 3.84 0.00	39.98 3.57 0.00	37.42 3.31 0.00	36.88 3.20 0.00	39.17 3.37 0.00	42.87 3.83 0.00	49.51 4.50 0.00	52.66 4.17 0.00	52.96 4.33 -0.02	50.75 4.19 -0.02	54.03 4.46 -0.02	56.40 4.66 0.00	60.63 4.90 0.00	64.14 5.19 0.00	68.40 6.72 0.00	74.84 8.08 0.00	85.59 8.85 -1.14	87.67 8.83 0.00	83.37 6.95 0.00	72.32 5.60 0.00	64.24 4.20 0.00	55.17 3.94 0.00	50.11 3.54 0.00
RAVENSWOOD_GT_4 24252	50.43 4.08 0.01	45.57 3.84 0.01	39.98 3.57 0.00	37.42 3.31 0.00	36.88 3.20 0.00	39.17 3.37 0.00	42.91 3.87 0.00	49.51 4.50 0.00	52.66 4.17 0.00	52.96 4.33 -0.02	50.75 4.19 -0.02	54.03 4.46 -0.02	56.40 4.66 0.00	60.63 4.90 0.00	64.14 5.19 0.00	68.40 6.72 0.00	74.77 8.01 0.00	85.52 8.77 -1.14	87.67 8.83 0.00	83.37 6.95 0.00	72.32 5.60 0.00	64.24 4.20 0.00	55.22 4.00 0.00	50.11 3.54 0.00
RAVENSWOOD_GT_5 24254	50.43 4.08 0.01	45.57 3.84 0.01	39.98 3.57 0.00	37.42 3.31 0.00	36.88 3.20 0.00	39.17 3.37 0.00	42.91 3.87 0.00	49.51 4.50 0.00	52.66 4.17 0.00	52.96 4.33 -0.02	50.75 4.19 -0.02	54.03 4.46 -0.02	56.40 4.66 0.00	60.63 4.90 0.00	64.14 5.19 0.00	68.40 6.72 0.00	74.77 8.01 0.00	85.52 8.77 -1.14	87.67 8.83 0.00	83.37 6.95 0.00	72.32 5.60 0.00	64.24 4.20 0.00	55.22 4.00 0.00	50.11 3.54 0.00
RAVENSWOOD_GT_6 24253	50.43 4.08 0.01	45.57 3.84 0.01	39.98 3.57 0.00	37.42 3.31 0.00	36.88 3.20 0.00	39.17 3.37 0.00	42.91 3.87 0.00	49.51 4.50 0.00	52.66 4.17 0.00	52.96 4.33 -0.02	50.75 4.19 -0.02	54.03 4.46 -0.02	56.40 4.66 0.00	60.63 4.90 0.00	64.14 5.19 0.00	68.40 6.72 0.00	74.77 8.01 0.00	85.52 8.77 -1.14	87.67 8.83 0.00	83.37 6.95 0.00	72.32 5.60 0.00	64.24 4.20 0.00	55.22 4.00 0.00	50.11 3.54 0.00
RAVENSWOOD_GT_7 24255	50.43 4.08 0.01	45.57 3.84 0.01	39.98 3.57 0.00	37.42 3.31 0.00	36.88 3.20 0.00	39.17 3.37 0.00	42.91 3.87 0.00	49.51 4.50 0.00	52.66 4.17 0.00	52.96 4.33 -0.02	50.75 4.19 -0.02	54.03 4.46 -0.02	56.40 4.66 0.00	60.63 4.90 0.00	64.14 5.19 0.00	68.40 6.72 0.00	74.77 8.01 0.00	85.52 8.77 -1.14	87.67 8.83 0.00	83.37 6.95 0.00	72.32 5.60 0.00	64.24 4.20 0.00	55.22 4.00 0.00	50.11 3.54 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	50.49 4.13 0.00	45.58 3.84 0.00	39.98 3.57 0.00	37.42 3.31 0.00	36.88 3.20 0.00	39.17 3.37 0.00	42.87 3.83 0.00	49.51 4.50 0.00	52.66 4.17 0.00	52.96 4.33 -0.02	50.75 4.19 -0.02	54.03 4.46 -0.02	56.40 4.66 0.00	60.63 4.90 0.00	64.14 5.19 0.00	68.40 6.72 0.00	74.84 8.08 0.00	85.59 8.85 -1.14	87.67 8.83 0.00	83.37 6.95 0.00	72.32 5.60 0.00	64.24 4.20 0.00	55.17 3.94 0.00	50.11 3.54 0.00
RAVENSWOOD_GT_9 24257	50.49 4.13 0.00	45.58 3.84 0.00	39.98 3.57 0.00	37.42 3.31 0.00	36.88 3.20 0.00	39.17 3.37 0.00	42.87 3.83 0.00	49.51 4.50 0.00	52.66 4.17 0.00	52.96 4.33 -0.02	50.75 4.19 -0.02	54.03 4.46 -0.02	56.40 4.66 0.00	60.63 4.90 0.00	64.14 5.19 0.00	68.40 6.72 0.00	74.84 8.08 0.00	85.59 8.85 -1.14	87.67 8.83 0.00	83.37 6.95 0.00	72.32 5.60 0.00	64.24 4.20 0.00	55.17 3.94 0.00	50.11 3.54 0.00

RAVENSWOOD___1 23533	50.78 4.41 -0.01	45.79 4.05 -0.01	40.17 3.75 -0.01	37.60 3.48 -0.01	37.03 3.34 -0.01	39.39 3.58 -0.01	43.07 4.02 -0.01	49.79 4.77 -0.01	53.00 4.51 0.00	53.26 4.62 -0.02	51.03 4.47 -0.02	54.28 4.71 -0.02	56.50 4.76 0.00	60.57 4.85 0.00	63.77 4.83 0.01	67.78 6.11 0.00	74.43 7.67 0.00	85.21 8.47 -1.14	87.20 8.35 0.00	82.99 6.57 0.01	71.92 5.21 0.01	63.88 3.85 0.01	55.42 4.20 0.00	50.35 3.77 -0.01
RAVENSWOOD___2 23534	50.78 4.41 -0.01	45.79 4.05 -0.01	40.17 3.75 -0.01	37.60 3.48 -0.01	37.03 3.34 -0.01	39.36 3.55 -0.01	43.07 4.02 -0.01	49.79 4.77 -0.01	53.00 4.51 0.00	53.26 4.62 -0.02	51.03 4.47 -0.02	54.28 4.71 -0.02	56.50 4.76 0.00	60.57 4.85 0.00	63.71 4.77 0.01	67.72 6.05 0.00	74.36 7.61 0.00	85.21 8.47 -1.14	87.12 8.28 0.00	82.99 6.57 0.01	71.92 5.21 0.01	63.88 3.85 0.01	55.42 4.20 0.00	50.35 3.77 -0.01
RAVENSWOOD___3 23535	50.58 4.22 0.00	45.62 3.88 0.00	39.98 3.57 0.00	37.41 3.31 0.00	36.85 3.17 0.00	39.17 3.36 0.00	42.87 3.83 0.00	49.55 4.54 0.00	52.81 4.31 0.00	53.01 4.38 -0.02	50.79 4.23 -0.02	54.03 4.46 -0.02	56.40 4.66 0.00	60.63 4.90 0.00	64.19 5.24 0.00	68.15 6.47 0.00	74.76 8.01 0.00	85.51 8.77 -1.14	87.67 8.83 0.00	83.53 7.11 0.00	72.39 5.67 0.00	64.24 4.20 0.00	55.17 3.94 0.00	50.11 3.54 0.00
RAVENSWOOD___4 23820	50.72 4.36 -0.01	45.75 4.01 -0.01	40.17 3.75 -0.01	37.60 3.48 -0.01	37.03 3.34 -0.01	39.36 3.55 -0.01	43.07 4.02 -0.01	49.79 4.77 -0.01	53.00 4.51 0.00	53.20 4.57 -0.02	50.99 4.42 -0.02	54.28 4.71 -0.02	56.45 4.71 0.00	60.57 4.85 0.00	63.71 4.77 0.01	67.72 6.05 0.00	74.36 7.61 0.00	85.14 8.39 -1.14	87.12 8.28 0.00	82.90 6.49 0.01	71.85 5.14 0.01	63.82 3.78 0.01	55.42 4.20 0.00	50.35 3.77 -0.01
RCPL_TRUST___DRP 24196	50.49 4.13 0.00	45.62 3.88 0.00	39.98 3.57 0.00	37.42 3.31 0.00	36.88 3.20 0.00	39.20 3.40 0.00	42.95 3.90 0.00	49.60 4.59 0.00	52.76 4.27 0.00	53.05 4.42 -0.01	50.88 4.33 -0.01	54.08 4.51 -0.01	56.51 4.76 0.00	60.80 5.07 0.00	64.31 5.36 0.00	68.58 6.91 0.00	75.04 8.28 0.00	85.82 9.07 -1.14	87.91 9.07 0.00	83.53 7.11 0.00	72.52 5.80 0.00	64.36 4.32 0.00	55.22 4.00 0.00	50.16 3.59 0.00
RED___ROCHESTER 323720	46.92 0.56 0.00	42.90 1.17 0.00	36.81 0.40 0.00	34.45 0.34 0.00	33.89 0.20 0.00	36.16 0.36 0.00	39.12 0.08 0.00	44.38 -0.63 0.00	47.96 -0.53 0.00	48.47 -0.15 0.00	46.87 0.33 0.00	50.25 0.69 0.00	52.62 0.88 0.00	56.78 1.06 0.00	59.77 0.82 0.00	62.78 1.11 0.00	68.36 1.60 0.00	77.27 1.66 0.00	81.68 2.83 0.00	77.95 1.53 0.00	68.32 1.60 0.00	61.00 0.96 0.00	52.14 0.92 0.00	47.18 0.60 0.00
REGAN___SOLAR 323812	50.72 4.36 0.00	45.66 3.92 0.00	39.69 3.28 0.00	37.07 2.97 0.00	36.65 2.96 0.00	39.17 3.36 0.00	42.71 3.67 0.00	49.20 4.19 0.00	52.37 3.88 0.00	52.17 3.55 0.00	49.38 2.84 0.00	52.28 2.72 0.00	54.75 3.00 0.00	58.96 3.23 0.00	62.48 3.54 0.00	65.56 3.89 0.00	71.16 4.40 0.00	83.83 5.97 -2.26	86.34 7.49 0.00	83.99 7.57 0.00	73.53 6.81 0.00	65.99 5.95 0.00	55.93 4.71 0.00	50.62 4.05 0.00
RENSSELAER___COGEN 23796	47.24 0.88 0.00	42.53 0.79 0.00	37.28 0.87 0.00	34.96 0.85 0.00	34.53 0.84 0.00	36.66 0.86 0.00	39.90 0.86 0.00	46.27 1.26 0.00	49.22 0.73 0.00	49.25 0.63 0.00	46.96 0.42 0.00	49.91 0.35 0.00	52.16 0.41 0.00	56.34 0.61 0.00	59.66 0.71 0.00	62.91 1.23 0.00	67.96 1.20 0.00	59.00 1.96 18.57	80.89 2.05 0.00	77.72 1.30 0.00	67.72 1.00 0.00	60.70 0.66 0.00	51.68 0.46 0.00	47.04 0.47 0.00
REPUBLIC_115KV_BARTNBRK 55605	51.55 5.19 0.00	46.37 4.63 0.00	40.12 3.71 0.00	37.28 3.17 0.00	36.85 3.17 0.00	39.56 3.76 0.00	43.18 4.14 0.00	49.78 4.77 0.00	53.00 4.51 0.00	52.70 4.08 0.00	48.91 2.37 0.00	51.89 2.33 0.00	54.54 2.79 0.00	59.01 3.29 0.00	62.60 3.65 0.00	66.11 4.44 0.00	71.83 5.07 0.00	86.80 7.26 -3.93	88.78 9.93 0.00	85.82 9.40 0.00	75.26 8.54 0.00	67.61 7.57 0.00	56.80 5.58 0.00	51.37 4.80 0.00
REVERE_CPPR_DRP 24186	48.22 1.85 0.00	43.49 1.75 0.00	37.83 1.42 0.00	35.33 1.23 0.00	34.93 1.25 0.00	37.34 1.54 0.00	40.68 1.64 0.00	46.94 1.94 0.00	50.38 1.89 0.00	50.42 1.80 0.00	48.17 1.63 0.00	51.29 1.73 0.00	53.50 1.76 0.00	57.79 2.06 0.00	61.07 2.12 0.00	64.14 2.47 0.00	69.43 2.67 0.00	79.23 3.63 0.00	83.42 4.57 0.00	80.78 4.36 0.00	70.39 3.67 0.00	63.04 3.00 0.00	53.48 2.25 0.00	48.39 1.82 0.00
REYNLDPA_13_KV_LD 356490	46.08 -0.28 0.00	41.36 -0.38 0.00	36.16 -0.25 0.00	33.94 -0.17 0.00	33.55 -0.13 0.00	35.55 -0.25 0.00	38.81 -0.23 0.00	44.69 -0.32 0.00	48.54 0.05 0.00	48.67 0.05 0.00	46.63 0.09 0.00	49.56 0.00 0.00	51.64 -0.10 0.00	55.34 -0.39 0.00	58.54 -0.41 0.00	60.56 -1.11 0.00	65.62 -1.13 0.00	74.09 -1.51 0.00	76.95 -1.89 0.00	75.50 -0.92 0.00	66.12 -0.60 0.00	59.86 -0.18 0.00	51.12 -0.10 0.00	46.66 0.09 0.00
REYNOLDS_115KV_TB3 80639	47.71 1.34 0.00	43.03 1.29 0.00	37.72 1.31 0.00	35.37 1.26 0.00	34.90 1.21 0.00	37.06 1.25 0.00	40.37 1.33 0.00	46.76 1.76 0.00	49.85 1.36 0.00	49.88 1.26 0.00	47.52 0.98 0.00	50.55 0.99 0.00	52.83 1.09 0.00	57.06 1.34 0.00	60.42 1.47 0.00	63.83 2.16 0.00	68.76 2.00 0.00	90.77 3.02 -12.14	82.00 3.15 0.00	78.64 2.22 0.00	68.59 1.87 0.00	61.48 1.44 0.00	52.35 1.13 0.00	47.55 0.98 0.00
RIVERBAY____ 323610	51.51 5.15 -0.01	46.54 4.80 -0.01	40.63 4.22 0.00	38.03 3.92 0.00	37.49 3.81 0.00	39.85 4.05 0.00	43.53 4.49 0.00	50.19 5.18 0.00	53.34 4.85 0.00	53.59 4.96 -0.02	51.34 4.79 0.00	54.68 5.10 -0.02	56.97 5.23 0.00	61.07 5.35 0.00	64.19 5.25 0.00	68.70 7.03 0.00	75.30 8.54 0.00	86.35 9.60 -1.14	88.46 9.62 0.00	84.21 7.79 0.00	73.12 6.40 0.00	64.84 4.80 0.00	56.34 5.12 0.00	50.90 4.33 0.00
RIVERSDE_115KV_TB3 55908	47.57 1.21 0.00	42.86 1.13 0.00	37.61 1.20 0.00	35.23 1.13 0.00	34.76 1.08 0.00	36.95 1.15 0.00	40.22 1.17 0.00	46.63 1.62 0.00	49.66 1.16 0.00	49.69 1.07 0.00	47.33 0.79 0.00	50.35 0.79 0.00	52.62 0.88 0.00	56.84 1.11 0.00	60.24 1.30 0.00	63.59 1.91 0.00	68.56 1.80 0.00	83.35 2.72 -5.03	81.68 2.84 0.00	78.33 1.91 0.00	68.39 1.67 0.00	61.24 1.20 0.00	52.14 0.92 0.00	47.41 0.84 0.00
ROARING___BROOK_WT_PWR 323790	45.76 -0.60 0.00	41.19 -0.54 0.00	36.01 -0.40 0.00	33.77 -0.34 0.00	33.38 -0.30 0.00	35.44 -0.36 0.00	38.69 -0.35 0.00	44.70 -0.31 0.00	48.25 -0.24 0.00	48.38 -0.24 0.00	46.31 -0.23 0.00	49.31 -0.25 0.00	51.44 -0.31 0.00	55.28 -0.45 0.00	58.42 -0.53 0.00	61.06 -0.62 0.00	66.02 -0.73 0.00	74.78 -0.83 0.00	77.98 -0.87 0.00	75.66 -0.76 0.00	65.99 -0.73 0.00	59.32 -0.72 0.00	50.55 -0.67 0.00	45.96 -0.61 0.00

ROCHESRG_115KV_T4 355643	46.50 0.14 0.00	42.36 0.63 0.00	36.34 -0.07 0.00	34.07 -0.03 0.00	33.65 -0.03 0.00	35.73 -0.07 0.00	38.65 -0.39 0.00	43.88 -1.13 0.00	47.42 -1.07 0.00	47.94 -0.68 0.00	46.26 -0.28 0.00	49.46 -0.10 0.00	51.80 0.05 0.00	55.84 0.11 0.00	58.83 -0.12 0.00	61.98 0.31 0.00	67.16 0.40 0.00	75.98 0.38 0.00	80.26 1.42 0.00	77.11 0.69 0.00	67.12 0.40 0.00	60.04 0.00 0.00	51.43 0.20 0.00	46.71 0.14 0.00
ROCHESTER_9_IC 23652	46.82 0.46 0.00	42.66 0.92 0.00	36.59 0.18 0.00	34.28 0.17 0.00	33.88 0.20 0.00	35.95 0.14 0.00	38.93 -0.12 0.00	44.20 -0.81 0.00	47.76 -0.73 0.00	48.28 -0.34 0.00	46.63 0.09 0.00	49.90 0.35 0.00	52.26 0.52 0.00	56.34 0.61 0.00	59.36 0.41 0.00	62.54 0.86 0.00	67.76 1.00 0.00	76.66 1.06 0.00	81.05 2.21 0.00	77.80 1.38 0.00	67.79 1.07 0.00	60.52 0.48 0.00	51.79 0.56 0.00	47.04 0.47 0.00
ROCKVIEW_13_KV_LD 356306	50.35 3.99 0.00	45.53 3.80 0.00	39.87 3.46 0.00	37.35 3.24 0.00	36.82 3.13 0.00	39.13 3.33 0.00	42.79 3.75 0.00	49.42 4.41 0.00	52.52 4.02 0.00	52.80 4.18 0.00	50.64 4.10 0.00	53.92 4.36 0.00	56.35 4.61 0.00	60.68 4.96 0.00	64.25 5.31 0.00	68.40 6.72 0.00	74.84 8.08 0.00	85.67 8.92 -1.14	87.91 9.07 0.00	83.60 7.18 0.00	72.52 5.80 0.00	64.42 4.38 0.00	55.11 3.89 0.00	50.06 3.49 0.00
ROME____115KV_TB2 80656	48.22 1.85 0.00	43.49 1.75 0.00	37.83 1.42 0.00	35.33 1.23 0.00	34.93 1.25 0.00	37.34 1.54 0.00	40.68 1.64 0.00	46.94 1.94 0.00	50.38 1.89 0.00	50.42 1.80 0.00	48.17 1.63 0.00	51.29 1.73 0.00	53.50 1.76 0.00	57.79 2.06 0.00	61.07 2.12 0.00	64.14 2.47 0.00	69.43 2.67 0.00	79.23 3.63 0.00	83.42 4.57 0.00	80.78 4.36 0.00	70.39 3.67 0.00	63.04 3.00 0.00	53.48 2.25 0.00	48.39 1.82 0.00
ROSETON___1 23587	49.42 3.06 0.00	44.61 2.88 0.00	39.07 2.66 0.00	36.60 2.49 0.00	36.07 2.39 0.00	38.34 2.54 0.00	41.89 2.85 0.00	48.43 3.42 0.00	51.60 3.11 0.00	51.73 3.11 0.00	49.52 2.98 0.00	52.68 3.12 0.00	55.06 3.31 0.00	59.18 3.46 0.00	62.72 3.78 0.00	66.36 4.68 0.00	72.70 5.94 0.00	83.13 6.50 -1.03	85.47 6.62 0.00	81.62 5.20 0.00	70.86 4.14 0.00	63.10 3.06 0.00	53.88 2.66 0.00	49.04 2.47 0.00
ROSETON___2 23588	49.42 3.06 0.00	44.61 2.88 0.00	39.07 2.66 0.00	36.60 2.49 0.00	36.07 2.39 0.00	38.34 2.54 0.00	41.89 2.85 0.00	48.43 3.42 0.00	51.60 3.11 0.00	51.73 3.11 0.00	49.52 2.98 0.00	52.68 3.12 0.00	55.06 3.31 0.00	59.18 3.46 0.00	62.72 3.78 0.00	66.36 4.68 0.00	72.70 5.94 0.00	83.13 6.50 -1.03	85.47 6.62 0.00	81.62 5.20 0.00	70.86 4.14 0.00	63.10 3.06 0.00	53.88 2.66 0.00	49.04 2.47 0.00
ROTTRDAM_115KV_TB3 80664	48.17 1.81 0.00	43.45 1.71 0.00	37.94 1.53 0.00	35.51 1.40 0.00	35.03 1.35 0.00	37.27 1.47 0.00	40.68 1.64 0.00	46.94 1.94 0.00	50.19 1.70 0.00	50.22 1.60 0.00	47.89 1.35 0.00	50.89 1.34 0.00	53.25 1.50 0.00	57.40 1.67 0.00	60.78 1.83 0.00	64.08 2.41 0.00	69.29 2.54 0.00	81.32 3.25 -2.46	82.55 3.71 0.00	79.48 3.06 0.00	69.45 2.74 0.00	62.26 2.22 0.00	53.01 1.79 0.00	48.15 1.58 0.00
RUSSELL___1 23602	47.10 0.74 0.00	42.86 1.13 0.00	36.78 0.36 0.00	34.45 0.34 0.00	34.09 0.40 0.00	36.16 0.36 0.00	39.12 0.08 0.00	44.47 -0.54 0.00	48.10 -0.39 0.00	48.57 -0.05 0.00	46.96 0.42 0.00	50.25 0.69 0.00	52.62 0.88 0.00	56.78 1.06 0.00	59.83 0.88 0.00	63.09 1.42 0.00	68.36 1.60 0.00	77.27 1.66 0.00	81.68 2.84 0.00	78.48 2.06 0.00	68.32 1.60 0.00	61.06 1.02 0.00	52.19 0.97 0.00	47.36 0.79 0.00
RUSSELL___2 23532	47.10 0.74 0.00	42.86 1.13 0.00	36.78 0.36 0.00	34.45 0.34 0.00	34.09 0.40 0.00	36.16 0.36 0.00	39.12 0.08 0.00	44.47 -0.54 0.00	48.10 -0.39 0.00	48.57 -0.05 0.00	46.96 0.42 0.00	50.25 0.69 0.00	52.62 0.88 0.00	56.78 1.06 0.00	59.83 0.88 0.00	63.09 1.42 0.00	68.36 1.60 0.00	77.27 1.66 0.00	81.68 2.84 0.00	78.48 2.06 0.00	68.32 1.60 0.00	61.06 1.02 0.00	52.19 0.97 0.00	47.36 0.79 0.00
RUSSELL___3 23549	47.10 0.74 0.00	42.86 1.13 0.00	36.78 0.36 0.00	34.45 0.34 0.00	34.09 0.40 0.00	36.16 0.36 0.00	39.12 0.08 0.00	44.47 -0.54 0.00	48.10 -0.39 0.00	48.57 -0.05 0.00	46.96 0.42 0.00	50.25 0.69 0.00	52.62 0.88 0.00	56.78 1.06 0.00	59.83 0.88 0.00	63.09 1.42 0.00	68.36 1.60 0.00	77.27 1.66 0.00	81.68 2.84 0.00	78.48 2.06 0.00	68.32 1.60 0.00	61.06 1.02 0.00	52.19 0.97 0.00	47.36 0.79 0.00
RUSSELL___4 23556	47.10 0.74 0.00	42.86 1.13 0.00	36.78 0.36 0.00	34.45 0.34 0.00	34.09 0.40 0.00	36.16 0.36 0.00	39.12 0.08 0.00	44.47 -0.54 0.00	48.10 -0.39 0.00	48.57 -0.05 0.00	46.96 0.42 0.00	50.25 0.69 0.00	52.62 0.88 0.00	56.78 1.06 0.00	59.83 0.88 0.00	63.09 1.42 0.00	68.36 1.60 0.00	77.27 1.66 0.00	81.68 2.84 0.00	78.48 2.06 0.00	68.32 1.60 0.00	61.06 1.02 0.00	52.19 0.97 0.00	47.36 0.79 0.00
RUSSELL__STATION 23914	47.10 0.74 0.00	42.86 1.13 0.00	36.78 0.36 0.00	34.45 0.34 0.00	34.09 0.40 0.00	36.16 0.36 0.00	39.12 0.08 0.00	44.47 -0.54 0.00	48.10 -0.39 0.00	48.57 -0.05 0.00	46.96 0.42 0.00	50.25 0.69 0.00	52.62 0.88 0.00	56.78 1.06 0.00	59.83 0.88 0.00	63.09 1.42 0.00	68.36 1.60 0.00	77.27 1.66 0.00	81.68 2.84 0.00	78.48 2.06 0.00	68.32 1.60 0.00	61.06 1.02 0.00	52.19 0.97 0.00	47.36 0.79 0.00
S SALMON__HYD 24043	46.55 0.19 0.00	42.03 0.29 0.00	36.52 0.11 0.00	34.18 0.07 0.00	33.72 0.03 0.00	36.02 0.22 0.00	39.24 0.20 0.00	45.14 0.14 0.00	48.54 0.05 0.00	48.62 0.00 0.00	46.49 -0.05 0.00	49.61 0.05 0.00	51.59 -0.15 0.00	55.61 -0.11 0.00	58.77 -0.18 0.00	61.49 -0.18 0.00	66.43 -0.33 0.00	75.61 0.00 0.00	79.63 0.79 0.00	77.18 0.76 0.00	67.38 0.67 0.00	60.34 0.30 0.00	51.48 0.26 0.00	46.71 0.14 0.00
S.PERRY__115KV_TB1 80734	48.31 1.95 0.00	44.03 2.30 0.00	37.76 1.35 0.00	35.40 1.30 0.00	35.03 1.35 0.00	37.20 1.40 0.00	40.18 1.13 0.00	45.23 0.23 0.00	48.44 -0.05 0.00	48.62 0.00 0.00	46.82 0.28 0.00	48.57 -0.99 0.00	50.92 -0.83 0.00	54.95 -0.78 0.00	57.77 -1.18 0.00	60.99 -0.68 0.00	66.22 -0.53 0.00	75.53 -0.08 0.00	80.81 1.97 0.00	78.33 1.91 0.00	68.59 1.87 0.00	61.18 1.14 0.00	52.19 0.97 0.00	47.22 0.65 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	45.99 -0.37 0.00	42.28 0.54 0.00	36.01 -0.40 0.00	33.87 -0.24 0.00	33.38 -0.30 0.00	35.44 -0.36 0.00	38.07 -0.98 0.00	42.58 -2.43 0.00	46.16 -2.33 0.00	46.97 -1.65 0.00	45.38 -1.16 0.00	48.61 -0.94 0.00	51.07 -0.67 0.00	55.06 -0.67 0.00	57.77 -1.18 0.00	61.06 -0.62 0.00	66.22 -0.53 0.00	74.47 -1.13 0.00	79.24 0.39 0.00	75.81 -0.61 0.00	65.72 -1.00 0.00	58.72 -1.32 0.00	50.71 -0.51 0.00	46.25 -0.33 0.00

SAWYER___23_KV_LOAD 55526	45.99 -0.37 0.00	42.28 0.54 0.00	36.01 -0.40 0.00	33.87 -0.24 0.00	33.38 -0.30 0.00	35.44 -0.36 0.00	38.07 -0.98 0.00	42.58 -2.43 0.00	46.16 -2.33 0.00	46.97 -1.65 0.00	45.38 -1.16 0.00	48.61 -0.94 0.00	51.07 -0.67 0.00	55.06 -0.67 0.00	57.77 -1.18 0.00	61.06 -0.62 0.00	66.22 -0.53 0.00	74.47 -1.13 0.00	79.24 0.39 0.00	75.81 -0.61 0.00	65.72 -1.00 0.00	58.72 -1.32 0.00	50.71 -0.51 0.00	46.25 -0.33 0.00
SELKIRK___I 23801	47.61 1.25 0.00	42.90 1.17 0.00	37.54 1.13 0.00	35.17 1.06 0.00	34.73 1.05 0.00	36.88 1.07 0.00	40.14 1.09 0.00	46.36 1.35 0.00	47.32 0.00 1.18	47.27 -0.15 1.20	45.59 -0.37 0.58	47.65 -0.50 1.41	49.25 -0.47 2.03	52.11 -0.45 3.17	54.51 -0.35 4.08	56.71 0.00 4.96	60.32 -0.07 6.37	66.82 0.46 9.24	77.69 0.71 1.86	75.74 0.31 0.98	66.85 0.13 0.00	60.04 0.00 0.00	51.12 -0.10 0.00	46.52 -0.05 0.00
SELKIRK___II 23799	47.20 0.84 0.00	42.49 0.75 0.00	37.25 0.84 0.00	34.89 0.79 0.00	34.46 0.78 0.00	36.59 0.79 0.00	39.86 0.82 0.00	46.13 1.13 0.00	44.77 0.53 4.26	44.77 0.49 4.33	44.77 0.33 2.10	44.77 0.30 5.09	44.77 0.36 7.34	44.77 0.50 11.46	44.77 0.59 14.77	44.77 1.05 17.95	44.77 1.06 23.05	66.54 1.66 10.73	73.85 1.73 6.73	73.85 0.99 3.56	67.52 0.80 0.00	60.46 0.42 0.00	51.53 0.31 0.00	46.85 0.28 0.00
SENECA OSWGO___HYD 24041	45.81 -0.55 0.00	41.40 -0.34 0.00	35.98 -0.44 0.00	33.66 -0.44 0.00	33.21 -0.47 0.00	35.37 -0.43 0.00	38.58 -0.47 0.00	44.38 -0.63 0.00	47.77 -0.73 0.00	47.89 -0.73 0.00	45.89 -0.65 0.00	49.01 -0.54 0.00	51.07 -0.67 0.00	55.06 -0.67 0.00	58.24 -0.70 0.00	61.00 -0.68 0.00	66.16 -0.60 0.00	75.08 -0.53 0.00	78.76 -0.08 0.00	76.04 -0.38 0.00	66.39 -0.33 0.00	59.44 -0.60 0.00	50.66 -0.56 0.00	45.96 -0.61 0.00
SENECA___115KV_TB3 355854	46.36 0.00 0.00	42.61 0.88 0.00	36.34 -0.07 0.00	34.18 0.07 0.00	33.68 0.00 0.00	35.77 -0.04 0.00	38.42 -0.62 0.00	43.07 -1.94 0.00	46.70 -1.79 0.00	47.50 -1.12 0.00	45.89 -0.65 0.00	49.16 -0.40 0.00	51.69 -0.05 0.00	55.73 0.00 0.00	58.54 -0.41 0.00	61.86 0.19 0.00	67.02 0.27 0.00	75.38 -0.23 0.00	80.18 1.34 0.00	76.73 0.31 0.00	66.52 -0.20 0.00	59.32 -0.72 0.00	51.22 0.00 0.00	46.62 0.05 0.00
SENECA___ENERGY 23797	46.59 0.23 0.00	42.28 0.54 0.00	36.56 0.15 0.00	34.24 0.14 0.00	33.75 0.07 0.00	36.02 0.22 0.00	39.24 0.20 0.00	44.96 -0.04 0.00	48.39 -0.10 0.00	48.57 -0.05 0.00	46.68 0.14 0.00	49.86 0.30 0.00	52.11 0.36 0.00	56.23 0.50 0.00	59.36 0.42 0.00	62.16 0.49 0.00	67.62 0.87 0.00	76.74 1.14 0.00	80.97 2.13 0.00	77.95 1.53 0.00	68.05 1.33 0.00	60.76 0.72 0.00	51.79 0.56 0.00	46.85 0.28 0.00
SHOEMAKER___GT 23640	49.33 2.97 0.00	44.53 2.80 0.00	39.00 2.59 0.00	36.49 2.39 0.00	35.97 2.29 0.00	38.27 2.47 0.00	41.78 2.73 0.00	48.20 3.20 0.00	51.35 2.86 0.00	51.49 2.87 0.00	49.33 2.79 0.00	52.48 2.92 0.00	54.90 3.16 0.00	59.12 3.40 0.00	62.66 3.72 0.00	66.30 4.63 0.00	72.63 5.88 0.00	83.05 6.50 -0.95	85.62 6.78 0.00	81.77 5.35 0.00	70.99 4.27 0.00	63.22 3.18 0.00	53.99 2.76 0.00	48.99 2.42 0.00
SHOEMAKR_138KV_BK 111 55601	49.23 2.87 0.00	44.49 2.75 0.00	39.00 2.59 0.00	36.49 2.39 0.00	36.01 2.32 0.00	38.27 2.47 0.00	41.78 2.73 0.00	48.16 3.15 0.00	51.30 2.81 0.00	51.49 2.87 0.00	49.29 2.75 0.00	52.48 2.92 0.00	54.95 3.21 0.00	59.12 3.40 0.00	62.66 3.71 0.00	66.55 4.87 0.00	72.63 5.87 0.00	83.04 6.50 -0.94	85.62 6.78 0.00	81.62 5.20 0.00	70.99 4.27 0.00	63.16 3.12 0.00	53.99 2.77 0.00	48.99 2.42 0.00
SHOREHAM_IC_1 23715	51.27 4.91 0.00	46.26 4.51 -0.02	40.46 4.04 -0.01	37.87 3.75 -0.01	37.30 3.61 -0.01	39.57 3.76 -0.01	43.42 4.37 -0.01	49.96 4.95 0.00	52.47 3.98 0.00	52.26 3.65 0.00	49.62 3.21 0.13	53.04 3.62 0.13	55.60 4.14 0.28	66.56 4.90 -5.93	71.08 5.72 -6.42	69.90 6.72 -1.51	76.51 8.48 -1.28	89.78 9.68 -4.50	88.99 9.77 -0.37	85.20 7.95 -0.83	72.65 5.94 0.00	64.18 4.14 0.00	55.47 3.74 -0.51	49.59 3.17 0.15
SHOREHAM_IC_2 23716	50.63 4.27 0.00	46.26 4.51 -0.02	40.45 4.04 0.00	37.86 3.75 0.00	37.32 3.64 0.00	39.56 3.76 0.00	43.42 4.37 0.00	49.82 4.82 0.00	51.35 2.86 0.00	52.02 3.40 0.00	49.48 3.07 0.13	53.04 3.62 0.13	55.60 4.14 0.28	66.55 4.90 -5.92	70.73 5.36 -6.42	70.27 7.09 -1.51	76.65 8.61 -1.28	89.86 9.75 -4.50	88.99 9.78 -0.37	85.05 7.79 -0.83	72.65 5.94 0.00	64.19 4.14 0.00	55.52 3.79 -0.51	49.21 2.79 0.15
SISSONVILLE____ 23735	46.31 -0.05 0.00	41.53 -0.21 0.00	36.30 -0.11 0.00	34.04 -0.07 0.00	33.72 0.03 0.00	35.80 0.00 0.00	39.08 0.04 0.00	45.01 0.00 0.00	48.93 0.44 0.00	49.01 0.39 0.00	46.96 0.42 0.00	49.85 0.30 0.00	51.75 0.00 0.00	55.50 -0.22 0.00	58.71 -0.24 0.00	60.69 -0.99 0.00	65.29 -1.47 0.00	73.49 -2.12 0.00	76.64 -2.21 0.00	75.43 -0.99 0.00	66.12 -0.60 0.00	59.80 -0.24 0.00	51.27 0.05 0.00	47.08 0.51 0.00
SITHE_IND_GS1 24169	45.20 -1.16 0.00	40.82 -0.92 0.00	35.50 -0.91 0.00	33.26 -0.85 0.00	32.81 -0.88 0.00	34.91 -0.89 0.00	38.03 -1.02 0.00	43.75 -1.26 0.00	47.08 -1.41 0.00	47.26 -1.36 0.00	45.29 -1.25 0.00	48.32 -1.24 0.00	50.45 -1.29 0.00	54.39 -1.34 0.00	57.53 -1.42 0.00	60.19 -1.48 0.00	65.29 -1.47 0.00	74.01 -1.59 0.00	77.58 -1.26 0.00	74.81 -1.61 0.00	65.38 -1.33 0.00	58.60 -1.44 0.00	49.99 -1.23 0.00	45.36 -1.21 0.00
SITHE_IND_GS2 24170	45.20 -1.16 0.00	40.82 -0.92 0.00	35.50 -0.91 0.00	33.26 -0.85 0.00	32.81 -0.88 0.00	34.91 -0.89 0.00	38.03 -1.02 0.00	43.75 -1.26 0.00	47.08 -1.41 0.00	47.26 -1.36 0.00	45.29 -1.25 0.00	48.32 -1.24 0.00	50.45 -1.29 0.00	54.39 -1.34 0.00	57.53 -1.42 0.00	60.19 -1.48 0.00	65.29 -1.47 0.00	74.01 -1.59 0.00	77.58 -1.26 0.00	74.81 -1.61 0.00	65.38 -1.33 0.00	58.60 -1.44 0.00	49.99 -1.23 0.00	45.36 -1.21 0.00
SITHE_IND_GS3 24171	45.20 -1.16 0.00	40.82 -0.92 0.00	35.50 -0.91 0.00	33.26 -0.85 0.00	32.81 -0.88 0.00	34.91 -0.89 0.00	38.03 -1.02 0.00	43.75 -1.26 0.00	47.08 -1.41 0.00	47.26 -1.36 0.00	45.29 -1.25 0.00	48.32 -1.24 0.00	50.45 -1.29 0.00	54.39 -1.34 0.00	57.53 -1.42 0.00	60.19 -1.48 0.00	65.29 -1.47 0.00	74.01 -1.59 0.00	77.58 -1.26 0.00	74.81 -1.61 0.00	65.38 -1.33 0.00	58.60 -1.44 0.00	49.99 -1.23 0.00	45.36 -1.21 0.00
SITHE_IND_GS4 24172	45.20 -1.16 0.00	40.82 -0.92 0.00	35.50 -0.91 0.00	33.26 -0.85 0.00	32.81 -0.88 0.00	34.91 -0.89 0.00	38.03 -1.02 0.00	43.75 -1.26 0.00	47.08 -1.41 0.00	47.26 -1.36 0.00	45.29 -1.25 0.00	48.32 -1.24 0.00	50.45 -1.29 0.00	54.39 -1.34 0.00	57.53 -1.42 0.00	60.19 -1.48 0.00	65.29 -1.47 0.00	74.01 -1.59 0.00	77.58 -1.26 0.00	74.81 -1.61 0.00	65.38 -1.33 0.00	58.60 -1.44 0.00	49.99 -1.23 0.00	45.36 -1.21 0.00

SITHE___BATAVIA 24024	47.29 0.93 0.00	43.45 1.71 0.00	37.07 0.66 0.00	34.75 0.65 0.00	34.25 0.57 0.00	36.63 0.82 0.00	39.32 0.28 0.00	44.11 -0.90 0.00	47.71 -0.78 0.00	48.33 -0.29 0.00	46.59 0.05 0.00	50.05 0.50 0.00	52.52 0.78 0.00	56.61 0.89 0.00	59.48 0.53 0.00	62.42 0.74 0.00	68.16 1.40 0.00	76.97 1.36 0.00	82.08 3.23 0.00	77.95 1.53 0.00	68.52 1.80 0.00	61.12 1.08 0.00	52.35 1.13 0.00	47.36 0.79 0.00
SITHE___INDEPEND 23800	45.25 -1.11 0.00	40.82 -0.92 0.00	35.50 -0.91 0.00	33.25 -0.85 0.00	32.84 -0.84 0.00	34.91 -0.90 0.00	38.03 -1.02 0.00	43.79 -1.22 0.00	47.13 -1.36 0.00	47.26 -1.36 0.00	45.28 -1.26 0.00	48.32 -1.24 0.00	50.45 -1.29 0.00	54.39 -1.34 0.00	57.53 -1.41 0.00	60.32 -1.36 0.00	65.29 -1.47 0.00	74.02 -1.59 0.00	77.58 -1.26 0.00	74.89 -1.53 0.00	65.38 -1.33 0.00	58.60 -1.44 0.00	49.99 -1.23 0.00	45.41 -1.16 0.00
SITHE___MASSENA 23902	46.13 -0.23 0.00	41.36 -0.38 0.00	36.16 -0.25 0.00	33.94 -0.17 0.00	33.55 -0.13 0.00	35.55 -0.25 0.00	38.81 -0.23 0.00	44.70 -0.31 0.00	48.64 0.15 0.00	48.72 0.10 0.00	46.73 0.19 0.00	49.61 0.05 0.00	51.59 -0.15 0.00	55.34 -0.39 0.00	58.54 -0.41 0.00	60.75 -0.92 0.00	65.49 -1.27 0.00	74.01 -1.59 0.00	76.95 -1.89 0.00	75.51 -0.91 0.00	66.12 -0.60 0.00	59.86 -0.18 0.00	51.22 0.00 0.00	46.90 0.33 0.00
SITHE___OGDNSBRG 24021	46.87 0.51 0.00	42.03 0.29 0.00	36.70 0.29 0.00	34.41 0.31 0.00	34.05 0.37 0.00	36.20 0.39 0.00	39.51 0.47 0.00	45.37 0.36 0.00	49.27 0.78 0.00	49.20 0.58 0.00	47.10 0.56 0.00	49.95 0.40 0.00	51.90 0.16 0.00	55.67 -0.06 0.00	58.89 -0.06 0.00	60.81 -0.86 0.00	65.69 -1.07 0.00	74.32 -1.29 0.00	77.66 -1.18 0.00	76.73 0.31 0.00	67.32 0.60 0.00	60.88 0.84 0.00	51.99 0.77 0.00	47.60 1.02 0.00
SITHE___STERLING 23777	47.80 1.44 0.00	43.16 1.42 0.00	37.54 1.13 0.00	35.10 0.99 0.00	34.62 0.94 0.00	37.02 1.22 0.00	40.33 1.29 0.00	46.49 1.48 0.00	49.94 1.45 0.00	49.98 1.36 0.00	47.75 1.21 0.00	50.89 1.34 0.00	53.14 1.40 0.00	57.34 1.62 0.00	60.66 1.71 0.00	63.59 1.91 0.00	69.03 2.27 0.00	78.63 3.03 0.00	82.63 3.78 0.00	79.94 3.52 0.00	69.72 3.01 0.00	62.44 2.40 0.00	52.96 1.74 0.00	47.97 1.40 0.00
SLEIGHT__34_KV_TB1 80719	46.50 0.14 0.00	42.15 0.42 0.00	36.34 -0.07 0.00	34.00 -0.10 0.00	33.65 -0.03 0.00	35.73 -0.07 0.00	38.85 -0.20 0.00	44.38 -0.63 0.00	47.91 -0.58 0.00	48.23 -0.39 0.00	46.49 -0.05 0.00	49.70 0.15 0.00	52.00 0.26 0.00	56.06 0.33 0.00	59.18 0.24 0.00	62.23 0.56 0.00	67.42 0.67 0.00	76.36 0.76 0.00	80.66 1.81 0.00	77.64 1.22 0.00	67.65 0.93 0.00	60.40 0.36 0.00	51.58 0.36 0.00	46.76 0.19 0.00
SMITHTWN_69_KV_BK 1 55830	51.14 4.78 0.00	46.80 5.05 -0.02	40.93 4.51 0.00	38.30 4.20 0.00	37.72 4.04 0.00	40.03 4.22 0.00	43.89 4.84 0.00	50.37 5.36 0.00	51.93 3.44 0.00	52.60 3.99 0.00	49.91 3.63 0.26	53.50 4.21 0.27	55.89 4.76 0.62	64.23 5.57 -2.93	68.13 6.01 -3.17	70.88 7.65 -1.56	77.29 9.21 -1.32	90.51 10.28 -4.62	89.63 10.41 -0.38	85.61 8.33 -0.86	73.12 6.40 0.00	64.84 4.80 0.00	56.16 4.41 -0.53	49.59 3.31 0.29
SOUTH CAIRO___GT 23612	48.63 2.27 0.00	43.78 2.05 0.00	38.27 1.86 0.00	35.78 1.67 0.00	35.30 1.62 0.00	37.59 1.79 0.00	40.92 1.87 0.00	47.08 2.07 0.00	48.84 1.84 1.50	48.60 1.51 1.52	46.83 1.02 0.74	48.76 0.99 1.79	50.46 1.29 2.58	53.31 1.62 4.03	55.70 1.95 5.19	57.95 2.59 6.31	61.45 2.80 8.11	70.01 4.31 9.91	81.84 5.36 2.37	79.68 4.51 1.25	69.85 3.14 0.00	62.56 2.52 0.00	53.17 1.95 0.00	48.34 1.77 0.00
SOUTH HAMPTN___IC 23720	52.01 5.65 0.00	46.93 5.17 -0.02	41.04 4.62 -0.01	38.41 4.30 -0.01	37.83 4.14 -0.01	40.10 4.29 -0.01	44.05 5.00 -0.01	50.73 5.72 0.00	53.44 4.95 0.00	53.33 4.71 0.00	50.79 4.37 0.12	54.39 4.96 0.12	57.08 5.59 0.26	67.99 6.52 -5.75	72.54 7.37 -6.22	71.48 8.32 -1.49	78.10 10.08 -1.26	91.55 11.49 -4.46	90.72 11.51 -0.37	86.72 9.47 -0.82	73.86 7.14 0.00	65.33 5.28 0.00	56.44 4.71 -0.50	50.48 4.05 0.14
SOUTHDOW_115KV_TB1 355954	47.29 0.93 0.00	43.53 1.79 0.00	37.21 0.80 0.00	34.99 0.89 0.00	34.52 0.84 0.00	36.73 0.93 0.00	39.59 0.55 0.00	45.32 0.32 0.00	49.12 0.63 0.00	49.88 1.26 0.00	48.26 1.72 0.00	51.69 2.13 0.00	54.23 2.48 0.00	58.51 2.79 0.00	61.31 2.36 0.00	64.76 3.08 0.00	70.23 3.47 0.00	77.95 2.34 0.00	82.94 4.10 0.00	79.25 2.83 0.00	68.72 2.00 0.00	61.18 1.14 0.00	52.71 1.49 0.00	47.78 1.21 0.00
SOUTHOLD_69_KV_BK 2 55809	51.92 5.56 0.00	47.39 5.63 -0.02	41.44 5.02 0.00	38.85 4.74 0.00	38.30 4.61 0.00	40.53 4.73 0.00	44.55 5.51 0.00	51.27 6.26 0.00	53.19 4.70 0.00	54.06 5.45 0.00	51.72 5.31 0.12	55.68 6.24 0.12	58.47 6.99 0.26	69.51 8.02 -5.76	73.62 8.43 -6.24	73.34 10.18 -1.49	79.64 11.62 -1.26	93.29 13.23 -4.46	92.30 13.09 -0.37	87.94 10.70 -0.82	74.85 8.14 0.00	66.23 6.18 0.00	57.21 5.48 -0.51	50.95 4.52 0.14
SOUTHOLD___IC 23719	52.57 6.21 0.00	47.38 5.63 -0.02	41.45 5.03 -0.01	38.85 4.74 -0.01	38.24 4.55 -0.01	40.54 4.73 -0.01	44.56 5.51 -0.01	51.40 6.39 0.00	54.31 5.82 0.00	54.30 5.69 0.00	51.86 5.44 0.12	55.68 6.24 0.12	58.47 6.98 0.26	69.52 8.03 -5.77	74.09 8.90 -6.24	72.90 9.74 -1.49	79.51 11.49 -1.26	93.22 13.15 -4.46	92.21 13.01 -0.37	88.02 10.78 -0.82	74.85 8.14 0.00	66.23 6.19 0.00	57.21 5.48 -0.51	51.37 4.93 0.14
SOUTH_FORK_WT_PWR 323839	52.25 5.89 0.00	47.10 5.34 -0.02	41.23 4.81 -0.01	38.69 4.57 -0.01	38.07 4.38 -0.01	40.36 4.55 -0.01	44.36 5.31 -0.01	51.22 6.21 0.00	54.16 5.67 0.00	54.25 5.64 0.00	51.81 5.40 0.12	55.68 6.24 0.12	58.52 7.04 0.26	69.45 7.97 -5.76	73.90 8.72 -6.23	72.66 9.49 -1.49	78.97 10.95 -1.26	92.69 12.63 -4.46	91.50 12.29 -0.37	87.25 10.01 -0.82	74.18 7.47 0.00	65.69 5.64 0.00	56.85 5.12 -0.51	51.19 4.75 0.14
SPIERFLS_115KV_TB 1 80737	48.96 2.60 0.00	44.20 2.46 0.00	38.45 2.04 0.00	35.88 1.77 0.00	35.43 1.75 0.00	37.81 2.00 0.00	41.27 2.23 0.00	47.62 2.61 0.00	50.87 2.38 0.00	50.81 2.19 0.00	47.61 1.07 0.00	50.55 0.99 0.00	52.94 1.19 0.00	57.12 1.39 0.00	60.54 1.59 0.00	63.89 2.22 0.00	69.23 2.47 0.00	83.17 3.63 -3.93	84.13 5.28 0.00	80.93 4.51 0.00	70.92 4.20 0.00	63.64 3.60 0.00	53.94 2.71 0.00	48.85 2.28 0.00
ST LAWRENCE____ 23600	45.62 -0.74 0.00	40.90 -0.83 0.00	35.72 -0.69 0.00	33.53 -0.58 0.00	33.14 -0.54 0.00	35.16 -0.64 0.00	38.38 -0.66 0.00	44.24 -0.77 0.00	48.01 -0.48 0.00	48.13 -0.49 0.00	46.12 -0.42 0.00	49.01 -0.54 0.00	51.07 -0.67 0.00	54.83 -0.89 0.00	58.00 -0.95 0.00	60.26 -1.42 0.00	65.02 -1.74 0.00	73.49 -2.12 0.00	76.32 -2.53 0.00	74.74 -1.68 0.00	65.38 -1.33 0.00	59.14 -0.90 0.00	50.61 -0.61 0.00	46.25 -0.32 0.00

STATE_CA_115KV_115_LB 55624	47.61 1.25 0.00	42.91 1.17 0.00	37.61 1.20 0.00	35.23 1.13 0.00	34.79 1.11 0.00	36.98 1.18 0.00	40.25 1.21 0.00	46.67 1.67 0.00	49.70 1.21 0.00	49.74 1.12 0.00	47.33 0.79 0.00	50.35 0.79 0.00	52.68 0.93 0.00	56.90 1.17 0.00	60.24 1.30 0.00	63.65 1.97 0.00	68.63 1.87 0.00	79.76 2.72 -1.43	81.76 2.92 0.00	78.48 2.06 0.00	68.45 1.73 0.00	61.36 1.32 0.00	52.25 1.02 0.00	47.46 0.88 0.00
STATE_ST_34_KV_LOAD 55959	46.82 0.46 0.00	42.32 0.58 0.00	36.67 0.25 0.00	34.35 0.24 0.00	33.92 0.24 0.00	36.09 0.29 0.00	39.32 0.27 0.00	45.23 0.23 0.00	48.69 0.19 0.00	48.81 0.19 0.00	46.87 0.33 0.00	50.00 0.45 0.00	52.26 0.52 0.00	56.34 0.61 0.00	59.54 0.59 0.00	62.60 0.93 0.00	67.83 1.07 0.00	77.04 1.44 0.00	81.13 2.29 0.00	78.41 1.99 0.00	68.32 1.60 0.00	61.06 1.02 0.00	51.99 0.77 0.00	47.08 0.51 0.00
STATION_5_MISC_HYD 23604	46.64 0.28 0.00	42.65 0.92 0.00	36.59 0.18 0.00	34.28 0.17 0.00	33.68 0.00 0.00	35.95 0.14 0.00	38.93 -0.12 0.00	44.11 -0.90 0.00	47.67 -0.82 0.00	48.18 -0.44 0.00	46.54 0.00 0.00	49.91 0.35 0.00	52.26 0.52 0.00	56.34 0.61 0.00	59.30 0.36 0.00	62.29 0.62 0.00	67.76 1.00 0.00	76.66 1.06 0.00	80.97 2.13 0.00	77.34 0.92 0.00	67.78 1.06 0.00	60.52 0.48 0.00	51.79 0.56 0.00	46.85 0.28 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	46.73 0.37 0.00	42.40 0.67 0.00	36.52 0.11 0.00	34.21 0.10 0.00	33.82 0.13 0.00	35.95 0.14 0.00	39.00 -0.04 0.00	44.56 -0.45 0.00	48.10 -0.39 0.00	48.42 -0.19 0.00	46.68 0.14 0.00	49.85 0.30 0.00	52.16 0.41 0.00	56.28 0.56 0.00	59.36 0.41 0.00	62.48 0.80 0.00	67.69 0.93 0.00	76.74 1.13 0.00	81.05 2.21 0.00	77.95 1.53 0.00	67.92 1.20 0.00	60.64 0.60 0.00	51.79 0.56 0.00	46.99 0.42 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	46.55 0.19 0.00	42.32 0.58 0.00	36.37 -0.04 0.00	34.07 -0.03 0.00	33.68 0.00 0.00	35.73 -0.07 0.00	38.69 -0.35 0.00	44.06 -0.95 0.00	47.62 -0.87 0.00	48.08 -0.53 0.00	46.45 -0.09 0.00	49.66 0.10 0.00	52.00 0.26 0.00	56.12 0.39 0.00	59.12 0.18 0.00	62.29 0.62 0.00	67.49 0.73 0.00	76.36 0.76 0.00	80.66 1.81 0.00	77.41 0.99 0.00	67.45 0.73 0.00	60.28 0.24 0.00	51.53 0.31 0.00	46.80 0.23 0.00
STA_56___34_KV_BUS2 355983	46.55 0.19 0.00	42.32 0.58 0.00	36.37 -0.04 0.00	34.07 -0.03 0.00	33.68 0.00 0.00	35.73 -0.07 0.00	38.69 -0.35 0.00	44.06 -0.95 0.00	47.62 -0.87 0.00	48.08 -0.53 0.00	46.45 -0.09 0.00	49.66 0.10 0.00	52.00 0.26 0.00	56.12 0.39 0.00	59.12 0.18 0.00	62.29 0.62 0.00	67.49 0.73 0.00	76.36 0.76 0.00	80.66 1.81 0.00	77.41 0.99 0.00	67.45 0.73 0.00	60.28 0.24 0.00	51.53 0.31 0.00	46.80 0.23 0.00
STA_67___115KV_BK2 355882	46.69 0.32 0.00	42.53 0.79 0.00	36.48 0.07 0.00	34.18 0.07 0.00	33.78 0.10 0.00	35.87 0.07 0.00	38.81 -0.23 0.00	44.06 -0.95 0.00	47.67 -0.82 0.00	48.13 -0.49 0.00	46.49 -0.05 0.00	49.70 0.15 0.00	52.06 0.31 0.00	56.12 0.39 0.00	59.12 0.18 0.00	62.35 0.68 0.00	67.49 0.73 0.00	76.36 0.76 0.00	80.74 1.89 0.00	77.49 1.07 0.00	67.52 0.80 0.00	60.34 0.30 0.00	51.63 0.41 0.00	46.94 0.37 0.00
STA_7___115KV_9TRANS 80674	47.10 0.74 0.00	42.86 1.13 0.00	36.78 0.36 0.00	34.45 0.34 0.00	34.09 0.40 0.00	36.16 0.36 0.00	39.12 0.08 0.00	44.47 -0.54 0.00	48.10 -0.39 0.00	48.57 -0.05 0.00	46.96 0.42 0.00	50.25 0.69 0.00	52.62 0.88 0.00	56.78 1.06 0.00	59.83 0.88 0.00	63.09 1.42 0.00	68.36 1.60 0.00	77.27 1.66 0.00	81.68 2.84 0.00	78.48 2.06 0.00	68.32 1.60 0.00	61.06 1.02 0.00	52.19 0.97 0.00	47.36 0.79 0.00
STA_82___115KV_TB1 80780	46.73 0.37 0.00	42.53 0.79 0.00	36.52 0.11 0.00	34.21 0.10 0.00	33.82 0.13 0.00	35.87 0.07 0.00	38.81 -0.23 0.00	44.11 -0.90 0.00	47.67 -0.82 0.00	48.13 -0.49 0.00	46.49 -0.05 0.00	49.70 0.15 0.00	52.06 0.31 0.00	56.12 0.39 0.00	59.18 0.24 0.00	62.35 0.68 0.00	67.49 0.73 0.00	76.36 0.76 0.00	80.74 1.89 0.00	77.57 1.15 0.00	67.52 0.80 0.00	60.34 0.30 0.00	51.68 0.46 0.00	46.94 0.37 0.00
STEEL___WIND 323596	46.04 -0.32 0.00	42.49 0.75 0.00	36.27 -0.15 0.00	34.07 -0.03 0.00	33.31 -0.37 0.00	35.73 -0.07 0.00	38.38 -0.66 0.00	42.94 -2.07 0.00	46.55 -1.94 0.00	47.31 -1.31 0.00	45.75 -0.79 0.00	49.11 -0.45 0.00	51.59 -0.15 0.00	55.67 -0.06 0.00	58.36 -0.59 0.00	61.31 -0.37 0.00	66.96 0.20 0.00	75.30 -0.30 0.00	80.10 1.26 0.00	75.89 -0.53 0.00	66.45 -0.27 0.00	59.26 -0.78 0.00	51.07 -0.15 0.00	46.15 -0.42 0.00
STEPHTWN_115KV_BK_2 55603	47.80 1.44 0.00	43.03 1.29 0.00	37.69 1.27 0.00	35.30 1.19 0.00	34.83 1.15 0.00	37.06 1.25 0.00	40.37 1.33 0.00	46.81 1.80 0.00	49.85 1.36 0.00	49.83 1.22 0.00	47.43 0.88 0.00	50.40 0.84 0.00	52.73 0.98 0.00	56.95 1.23 0.00	60.30 1.36 0.00	63.71 2.04 0.00	68.76 2.00 0.00	60.06 3.02 18.57	82.15 3.31 0.00	78.79 2.37 0.00	68.72 2.00 0.00	61.60 1.56 0.00	52.40 1.18 0.00	47.64 1.07 0.00
STEUBEN_REC_LFGE 323667	47.15 0.79 0.00	43.03 1.29 0.00	36.99 0.58 0.00	34.79 0.68 0.00	34.39 0.71 0.00	36.59 0.79 0.00	39.63 0.59 0.00	44.78 -0.23 0.00	48.20 -0.29 0.00	48.52 -0.10 0.00	46.73 0.19 0.00	49.85 0.30 0.00	52.31 0.57 0.00	56.51 0.78 0.00	59.42 0.47 0.00	62.60 0.93 0.00	68.03 1.27 0.00	76.89 1.29 0.00	82.00 3.15 0.00	79.17 2.75 0.00	68.85 2.13 0.00	61.30 1.26 0.00	52.40 1.18 0.00	47.50 0.93 0.00
STILLWATER___SOLAR 323814	49.10 2.73 0.00	44.24 2.50 0.00	38.60 2.18 0.00	36.05 1.94 0.00	35.64 1.95 0.00	37.91 2.11 0.00	41.35 2.30 0.00	47.80 2.79 0.00	50.96 2.47 0.00	50.95 2.33 0.00	48.21 1.67 0.00	51.19 1.63 0.00	53.61 1.86 0.00	57.90 2.17 0.00	61.37 2.42 0.00	64.63 2.96 0.00	70.16 3.40 0.00	84.95 4.46 -4.89	84.13 5.28 0.00	81.16 4.74 0.00	70.79 4.07 0.00	63.52 3.48 0.00	53.93 2.71 0.00	48.95 2.37 0.00
STONY___BROOK 24151	51.78 5.42 0.00	46.80 5.05 -0.02	40.90 4.48 -0.01	38.27 4.16 -0.01	37.70 4.01 -0.01	40.00 4.19 -0.01	43.89 4.84 -0.01	50.45 5.44 0.00	52.95 4.46 0.00	52.84 4.23 0.00	50.08 3.72 0.19	53.43 4.06 0.19	55.92 4.60 0.43	66.22 5.40 -5.09	70.71 6.25 -5.51	70.19 6.97 -1.55	76.81 8.74 -1.31	90.09 9.90 -4.58	89.16 9.93 -0.38	85.37 8.10 -0.85	72.85 6.13 0.00	64.67 4.62 0.00	55.95 4.20 -0.53	50.00 3.63 0.21
STURGEON_POOL_HYD 23609	49.65 3.29 0.00	44.87 3.13 0.00	39.29 2.88 0.00	36.77 2.66 0.00	36.24 2.56 0.00	38.52 2.72 0.00	42.09 3.05 0.00	48.52 3.51 0.00	51.60 3.44 0.33	51.88 3.60 0.34	49.87 3.49 0.16	52.88 3.72 0.40	55.21 4.04 0.57	59.18 4.35 0.89	62.51 4.72 1.15	66.20 5.92 1.40	72.11 7.14 1.79	82.06 7.86 1.41	86.44 8.12 0.52	82.49 6.34 0.28	71.59 4.87 0.00	63.64 3.60 0.00	54.45 3.23 0.00	49.41 2.84 0.00

ST_LAW_115_BK7_LBMP 345037	45.62 -0.74 0.00	40.86 -0.88 0.00	35.72 -0.69 0.00	33.49 -0.61 0.00	33.14 -0.54 0.00	35.16 -0.64 0.00	38.34 -0.70 0.00	44.20 -0.81 0.00	48.01 -0.48 0.00	48.13 -0.49 0.00	46.12 -0.42 0.00	49.01 -0.54 0.00	51.07 -0.67 0.00	54.78 -0.95 0.00	57.95 -1.00 0.00	60.19 -1.48 0.00	64.96 -1.80 0.00	73.34 -2.27 0.00	76.16 -2.68 0.00	74.67 -1.75 0.00	65.31 -1.40 0.00	59.14 -0.90 0.00	50.61 -0.61 0.00	46.25 -0.32 0.00
ST_LAW_115_BK8_LBMP 345038	45.62 -0.74 0.00	40.86 -0.88 0.00	35.72 -0.69 0.00	33.49 -0.61 0.00	33.14 -0.54 0.00	35.16 -0.64 0.00	38.34 -0.70 0.00	44.20 -0.81 0.00	48.01 -0.48 0.00	48.13 -0.49 0.00	46.12 -0.42 0.00	49.01 -0.54 0.00	51.07 -0.67 0.00	54.78 -0.95 0.00	57.95 -1.00 0.00	60.19 -1.48 0.00	64.96 -1.80 0.00	73.34 -2.27 0.00	76.16 -2.68 0.00	74.67 -1.75 0.00	65.31 -1.40 0.00	59.14 -0.90 0.00	50.61 -0.61 0.00	46.25 -0.32 0.00
ST_LAW_230_BK5_LBMP 345035	45.62 -0.74 0.00	40.90 -0.83 0.00	35.72 -0.69 0.00	33.53 -0.58 0.00	33.14 -0.54 0.00	35.16 -0.64 0.00	38.38 -0.66 0.00	44.24 -0.77 0.00	48.01 -0.48 0.00	48.13 -0.49 0.00	46.12 -0.42 0.00	49.01 -0.54 0.00	51.07 -0.67 0.00	54.83 -0.89 0.00	58.00 -0.95 0.00	60.26 -1.42 0.00	65.02 -1.74 0.00	73.49 -2.12 0.00	76.32 -2.53 0.00	74.74 -1.68 0.00	65.38 -1.33 0.00	59.14 -0.90 0.00	50.61 -0.61 0.00	46.25 -0.32 0.00
ST_LAW_230_BK6_LBMP 345036	45.62 -0.74 0.00	40.90 -0.83 0.00	35.72 -0.69 0.00	33.53 -0.58 0.00	33.14 -0.54 0.00	35.16 -0.64 0.00	38.38 -0.66 0.00	44.24 -0.77 0.00	48.01 -0.48 0.00	48.13 -0.49 0.00	46.12 -0.42 0.00	49.01 -0.54 0.00	51.07 -0.67 0.00	54.83 -0.89 0.00	58.00 -0.95 0.00	60.26 -1.42 0.00	65.02 -1.74 0.00	73.49 -2.12 0.00	76.32 -2.53 0.00	74.74 -1.68 0.00	65.38 -1.33 0.00	59.14 -0.90 0.00	50.61 -0.61 0.00	46.25 -0.32 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	49.47 3.11 0.00	44.70 2.96 0.00	39.21 2.80 0.00	36.70 2.59 0.00	36.18 2.49 0.00	38.45 2.65 0.00	42.01 2.97 0.00	48.43 3.42 0.00	51.55 3.05 0.00	51.78 3.16 0.00	49.61 3.07 0.00	52.83 3.27 0.00	55.32 3.57 0.00	59.57 3.85 0.00	63.13 4.19 0.00	67.04 5.37 0.00	73.23 6.48 0.00	83.69 7.11 -0.98	86.18 7.33 0.00	82.08 5.66 0.00	71.25 4.54 0.00	63.40 3.36 0.00	54.19 2.97 0.00	49.18 2.61 0.00
SWANROAD_115KV_TB1 355699	45.62 -0.74 0.00	41.99 0.25 0.00	35.72 -0.69 0.00	33.66 -0.44 0.00	33.18 -0.51 0.00	35.16 -0.64 0.00	37.48 -1.56 0.00	41.68 -3.33 0.00	45.19 -3.30 0.00	45.99 -2.63 0.00	44.35 -2.19 0.00	47.47 -2.08 0.00	49.88 -1.86 0.00	53.72 -2.01 0.00	56.35 -2.59 0.00	59.58 -2.10 0.00	64.55 -2.20 0.00	72.73 -2.87 0.00	77.42 -1.42 0.00	74.05 -2.37 0.00	64.25 -2.47 0.00	57.46 -2.58 0.00	49.68 -1.54 0.00	45.45 -1.12 0.00
SYNERGY___BIOGAS 323694	47.71 1.34 0.00	43.62 1.88 0.00	37.21 0.80 0.00	34.93 0.82 0.00	34.56 0.88 0.00	36.63 0.82 0.00	39.32 0.27 0.00	44.24 -0.77 0.00	47.81 -0.68 0.00	48.42 -0.19 0.00	46.73 0.19 0.00	50.05 0.50 0.00	52.52 0.78 0.00	56.62 0.89 0.00	59.54 0.59 0.00	62.85 1.17 0.00	68.16 1.40 0.00	76.97 1.36 0.00	82.08 3.23 0.00	78.64 2.22 0.00	68.52 1.80 0.00	61.12 1.08 0.00	52.40 1.18 0.00	47.69 1.12 0.00
SYRACUSE___ENERGY_ST1 323597	46.50 0.14 0.00	41.99 0.25 0.00	36.45 0.04 0.00	34.14 0.03 0.00	33.72 0.03 0.00	35.84 0.04 0.00	39.08 0.04 0.00	45.01 0.00 0.00	48.44 -0.05 0.00	48.57 -0.05 0.00	46.54 0.00 0.00	49.70 0.15 0.00	51.85 0.10 0.00	55.95 0.22 0.00	59.12 0.18 0.00	62.04 0.37 0.00	67.22 0.47 0.00	76.29 0.68 0.00	80.10 1.26 0.00	77.34 0.92 0.00	67.45 0.73 0.00	60.34 0.30 0.00	51.48 0.26 0.00	46.66 0.09 0.00
SYRACUSE___ENERGY_ST2 323598	46.50 0.14 0.00	41.99 0.25 0.00	36.45 0.04 0.00	34.14 0.03 0.00	33.72 0.03 0.00	35.84 0.04 0.00	39.08 0.04 0.00	45.01 0.00 0.00	48.44 -0.05 0.00	48.57 -0.05 0.00	46.54 0.00 0.00	49.70 0.15 0.00	51.85 0.10 0.00	55.95 0.22 0.00	59.12 0.18 0.00	62.04 0.37 0.00	67.22 0.47 0.00	76.29 0.68 0.00	80.10 1.26 0.00	77.34 0.92 0.00	67.45 0.73 0.00	60.34 0.30 0.00	51.48 0.26 0.00	46.66 0.09 0.00
SYRACUSE___POWER 24017	46.41 0.05 0.00	41.90 0.17 0.00	36.41 0.00 0.00	34.07 -0.03 0.00	33.65 -0.03 0.00	35.80 0.00 0.00	39.04 0.00 0.00	44.96 -0.05 0.00	48.39 -0.10 0.00	48.52 -0.10 0.00	46.49 -0.05 0.00	49.66 0.10 0.00	51.85 0.10 0.00	55.95 0.22 0.00	59.12 0.18 0.00	62.11 0.43 0.00	67.29 0.53 0.00	76.36 0.76 0.00	80.10 1.26 0.00	77.34 0.92 0.00	67.45 0.73 0.00	60.34 0.30 0.00	51.43 0.20 0.00	46.62 0.05 0.00
TALLMAN_138KV_BK151 55660	49.70 3.34 0.00	44.95 3.21 0.00	39.47 3.06 0.00	36.94 2.83 0.00	36.44 2.76 0.00	38.74 2.94 0.00	42.28 3.24 0.00	48.74 3.74 0.00	51.89 3.39 0.00	52.12 3.50 0.00	49.99 3.44 0.00	53.17 3.62 0.00	55.73 3.98 0.00	60.02 4.29 0.00	63.55 4.60 0.00	67.59 5.92 0.00	73.90 7.14 0.00	84.44 7.79 -1.05	86.73 7.88 0.00	82.53 6.11 0.00	71.65 4.94 0.00	63.70 3.66 0.00	54.50 3.28 0.00	49.46 2.89 0.00
TEALLAVE_115KV_TB7 355573	46.27 -0.09 0.00	41.78 0.04 0.00	36.27 -0.15 0.00	33.97 -0.14 0.00	33.55 -0.13 0.00	35.66 -0.14 0.00	38.93 -0.12 0.00	44.78 -0.23 0.00	48.25 -0.24 0.00	48.38 -0.24 0.00	46.40 -0.14 0.00	49.56 0.00 0.00	51.75 0.00 0.00	55.78 0.06 0.00	59.01 0.06 0.00	61.92 0.25 0.00	67.02 0.27 0.00	76.06 0.45 0.00	79.79 0.95 0.00	77.03 0.61 0.00	67.18 0.47 0.00	60.10 0.06 0.00	51.22 0.00 0.00	46.43 -0.14 0.00
TELGRAPH_34_KV_EAST 80808	46.73 0.37 0.00	42.86 1.13 0.00	36.52 0.11 0.00	34.35 0.24 0.00	33.92 0.24 0.00	35.95 0.14 0.00	38.50 -0.55 0.00	43.12 -1.89 0.00	46.70 -1.79 0.00	47.40 -1.22 0.00	45.66 -0.88 0.00	48.91 -0.64 0.00	51.33 -0.41 0.00	55.34 -0.39 0.00	58.12 -0.83 0.00	61.43 -0.25 0.00	66.56 -0.20 0.00	75.00 -0.60 0.00	79.87 1.02 0.00	76.50 0.08 0.00	66.45 -0.27 0.00	59.38 -0.66 0.00	51.12 -0.10 0.00	46.62 0.05 0.00
TEMPLE___115KV_TB 2 55572	46.27 -0.09 0.00	41.78 0.04 0.00	36.30 -0.11 0.00	33.97 -0.14 0.00	33.55 -0.13 0.00	35.69 -0.11 0.00	38.93 -0.12 0.00	44.83 -0.18 0.00	48.25 -0.24 0.00	48.42 -0.19 0.00	46.40 -0.14 0.00	49.56 0.00 0.00	51.75 0.00 0.00	55.84 0.11 0.00	59.01 0.06 0.00	61.92 0.25 0.00	67.09 0.33 0.00	76.06 0.45 0.00	79.87 1.02 0.00	77.11 0.69 0.00	67.18 0.47 0.00	60.16 0.12 0.00	51.27 0.05 0.00	46.48 -0.09 0.00
TIANA___69_KV_BK 1 55817	51.27 4.91 0.00	46.85 5.09 -0.02	40.96 4.55 0.00	38.34 4.23 0.00	37.76 4.08 0.00	40.03 4.22 0.00	43.96 4.92 0.00	50.50 5.49 0.00	52.13 3.64 0.00	52.90 4.28 0.00	50.42 4.00 0.12	54.10 4.66 0.12	56.77 5.28 0.26	67.67 6.19 -5.76	71.85 6.66 -6.24	71.55 8.39 -1.49	77.97 9.95 -1.26	91.33 11.27 -4.46	90.48 11.27 -0.37	86.41 9.17 -0.82	73.72 7.01 0.00	65.15 5.10 0.00	56.29 4.56 -0.51	49.93 3.49 0.14

TILDEN___115KV_TB1 80814	46.41 0.05 0.00	41.90 0.17 0.00	36.41 0.00 0.00	34.07 -0.03 0.00	33.65 -0.03 0.00	35.80 0.00 0.00	39.04 0.00 0.00	44.96 -0.05 0.00	48.39 -0.10 0.00	48.52 -0.10 0.00	46.49 -0.05 0.00	49.66 0.10 0.00	51.85 0.10 0.00	55.95 0.22 0.00	59.12 0.18 0.00	62.11 0.43 0.00	67.29 0.53 0.00	76.36 0.76 0.00	80.10 1.26 0.00	77.34 0.92 0.00	67.45 0.73 0.00	60.34 0.30 0.00	51.43 0.20 0.00	46.62 0.05 0.00
TRIGEN___CC 323695	50.67 4.31 0.00	46.05 4.30 -0.02	40.34 3.93 0.00	37.76 3.65 0.00	37.22 3.54 0.00	39.56 3.76 0.00	43.26 4.22 0.00	49.87 4.86 0.00	51.98 3.49 0.00	52.51 3.89 0.00	50.17 3.63 0.00	53.62 4.06 0.00	56.30 4.55 0.00	60.85 5.13 0.00	64.49 5.54 0.00	80.52 7.03 -11.82	85.05 8.41 -9.88	112.08 9.22 -27.25	91.03 9.38 -2.80	90.51 7.57 -6.52	72.81 6.07 -0.02	64.48 4.44 0.00	59.60 4.46 -3.92	49.99 3.40 -0.02
TRINITY___115KV___4 BK 55933	47.38 1.02 0.00	42.74 1.00 0.00	37.47 1.06 0.00	35.13 1.02 0.00	34.66 0.98 0.00	36.80 1.00 0.00	40.10 1.05 0.00	46.49 1.49 0.00	49.46 0.97 0.00	49.49 0.88 0.00	47.15 0.61 0.00	50.15 0.59 0.00	52.42 0.67 0.00	56.62 0.89 0.00	60.01 1.06 0.00	63.34 1.67 0.00	68.29 1.54 0.00	74.02 2.42 4.00	81.37 2.52 0.00	78.02 1.60 0.00	68.12 1.40 0.00	61.06 1.02 0.00	51.99 0.77 0.00	47.22 0.65 0.00
UNION___PROCESSING_DRP 323587	46.73 0.37 0.00	42.53 0.79 0.00	36.52 0.11 0.00	34.21 0.10 0.00	33.82 0.13 0.00	35.87 0.07 0.00	38.85 -0.20 0.00	44.11 -0.90 0.00	47.67 -0.82 0.00	48.18 -0.44 0.00	46.49 -0.05 0.00	49.75 0.20 0.00	52.11 0.36 0.00	56.17 0.45 0.00	59.18 0.24 0.00	62.35 0.68 0.00	67.56 0.80 0.00	76.36 0.76 0.00	80.81 1.97 0.00	77.57 1.15 0.00	67.58 0.87 0.00	60.40 0.36 0.00	51.68 0.46 0.00	46.94 0.37 0.00
UPPER HUDSON___HYD 24058	49.00 2.64 0.00	44.20 2.46 0.00	38.45 2.04 0.00	35.88 1.77 0.00	35.47 1.78 0.00	37.81 2.00 0.00	41.27 2.22 0.00	47.66 2.65 0.00	50.82 2.33 0.00	50.81 2.19 0.00	47.61 1.07 0.00	50.55 0.99 0.00	52.94 1.19 0.00	57.12 1.39 0.00	60.54 1.59 0.00	63.77 2.10 0.00	69.29 2.54 0.00	83.17 3.63 -3.93	84.05 5.20 0.00	81.24 4.82 0.00	70.92 4.21 0.00	63.64 3.60 0.00	53.88 2.66 0.00	48.85 2.28 0.00
UPPER RAQUET___HYD 24056	46.31 -0.05 0.00	41.53 -0.21 0.00	36.30 -0.11 0.00	34.04 -0.07 0.00	33.72 0.03 0.00	35.80 0.00 0.00	39.08 0.04 0.00	45.01 0.00 0.00	48.93 0.44 0.00	49.01 0.39 0.00	46.96 0.42 0.00	49.86 0.30 0.00	51.75 0.00 0.00	55.50 -0.22 0.00	58.71 -0.23 0.00	60.87 -0.80 0.00	65.29 -1.47 0.00	73.49 -2.12 0.00	76.64 -2.21 0.00	75.42 -1.00 0.00	66.12 -0.60 0.00	59.80 -0.24 0.00	51.32 0.10 0.00	47.22 0.65 0.00
VALLEY44_115KV_TB2 355964	45.62 -0.74 0.00	41.82 0.08 0.00	35.90 -0.51 0.00	33.73 -0.38 0.00	33.24 -0.44 0.00	35.37 -0.43 0.00	38.11 -0.94 0.00	43.25 -1.76 0.00	46.75 -1.75 0.00	47.40 -1.22 0.00	45.84 -0.70 0.00	49.06 -0.50 0.00	51.43 -0.31 0.00	55.50 -0.22 0.00	58.36 -0.59 0.00	61.67 0.00 0.00	66.96 0.20 0.00	75.00 -0.60 0.00	79.63 0.79 0.00	76.19 -0.23 0.00	66.12 -0.60 0.00	58.90 -1.14 0.00	50.71 -0.51 0.00	46.06 -0.51 0.00
VALLEY___115KV_TB 1-4 80826	46.69 0.32 0.00	42.03 0.29 0.00	36.63 0.22 0.00	34.28 0.17 0.00	33.88 0.20 0.00	36.09 0.29 0.00	39.36 0.31 0.00	45.41 0.41 0.00	48.78 0.29 0.00	48.86 0.24 0.00	46.63 0.09 0.00	49.66 0.10 0.00	51.85 0.10 0.00	55.89 0.17 0.00	59.12 0.18 0.00	61.98 0.31 0.00	67.09 0.33 0.00	76.21 0.60 0.00	79.79 0.95 0.00	77.11 0.69 0.00	67.32 0.60 0.00	60.58 0.54 0.00	51.63 0.41 0.00	46.90 0.33 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	48.82 2.46 0.00	44.16 2.42 0.00	38.49 2.08 0.00	35.98 1.88 0.00	35.54 1.85 0.00	37.91 2.11 0.00	41.31 2.26 0.00	47.66 2.66 0.00	51.06 2.57 0.00	51.10 2.48 0.00	48.87 2.33 0.00	52.03 2.48 0.00	54.33 2.59 0.00	58.62 2.90 0.00	62.01 3.07 0.00	65.44 3.76 0.00	70.96 4.21 0.00	80.60 4.99 0.00	84.44 5.60 0.00	81.16 4.74 0.00	70.85 4.14 0.00	63.34 3.30 0.00	53.89 2.66 0.00	48.81 2.24 0.00
VISCHER___FERRY HYD 24020	48.49 2.13 0.00	43.70 1.96 0.00	38.19 1.78 0.00	35.78 1.67 0.00	35.33 1.65 0.00	37.56 1.75 0.00	40.96 1.91 0.00	47.44 2.43 0.00	50.53 2.04 0.00	50.61 1.99 0.00	48.17 1.63 0.00	51.14 1.59 0.00	53.51 1.76 0.00	57.84 2.12 0.00	61.31 2.36 0.00	64.57 2.90 0.00	70.03 3.27 0.00	87.24 4.16 -7.48	83.41 4.57 0.00	80.16 3.74 0.00	69.92 3.20 0.00	62.68 2.64 0.00	53.27 2.05 0.00	48.34 1.77 0.00
V_A_10_SYNC_DSASP 323832	45.90 -0.46 0.00	42.07 0.33 0.00	35.94 -0.47 0.00	33.73 -0.38 0.00	33.28 -0.40 0.00	35.34 -0.47 0.00	38.07 -0.98 0.00	42.76 -2.25 0.00	46.31 -2.18 0.00	47.01 -1.60 0.00	45.38 -1.16 0.00	48.57 -0.99 0.00	50.87 -0.88 0.00	54.83 -0.89 0.00	57.65 -1.30 0.00	60.87 -0.80 0.00	65.96 -0.80 0.00	74.40 -1.21 0.00	78.92 0.08 0.00	75.58 -0.84 0.00	65.72 -1.00 0.00	58.72 -1.32 0.00	50.61 -0.61 0.00	46.15 -0.42 0.00
V_CMM_10_SYNC_DSASP 323787	45.85 -0.51 0.00	41.11 -0.62 0.00	35.94 -0.47 0.00	33.73 -0.37 0.00	33.35 -0.34 0.00	35.34 -0.47 0.00	38.58 -0.47 0.00	44.42 -0.59 0.00	48.30 -0.19 0.00	48.38 -0.24 0.00	46.40 -0.14 0.00	49.26 -0.30 0.00	51.33 -0.42 0.00	55.06 -0.67 0.00	58.24 -0.70 0.00	60.50 -1.17 0.00	65.29 -1.47 0.00	73.72 -1.89 0.00	76.55 -2.29 0.00	75.12 -1.30 0.00	65.72 -1.00 0.00	59.50 -0.54 0.00	50.87 -0.36 0.00	46.52 -0.05 0.00
V_CMP_10_SYNC_DSASP 323788	45.43 -0.93 0.00	40.70 -1.04 0.00	35.64 -0.77 0.00	33.49 -0.61 0.00	33.18 -0.50 0.00	35.16 -0.64 0.00	38.46 -0.58 0.00	44.34 -0.67 0.00	47.86 -0.63 0.00	47.98 -0.63 0.00	46.31 -0.23 0.00	48.86 -0.69 0.00	50.92 -0.83 0.00	54.00 -1.73 0.00	56.83 -2.12 0.00	58.96 -2.71 0.00	63.62 -3.14 0.00	72.13 -3.48 0.00	75.14 -3.70 0.00	73.74 -2.68 0.00	64.52 -2.20 0.00	58.18 -1.86 0.00	50.20 -1.02 0.00	46.66 0.09 0.00
V_D_10_SYNC_DSASP 323841	46.13 -0.23 0.00	41.36 -0.38 0.00	36.16 -0.25 0.00	33.94 -0.17 0.00	33.55 -0.13 0.00	35.55 -0.25 0.00	38.81 -0.23 0.00	44.70 -0.31 0.00	48.64 0.15 0.00	48.72 0.10 0.00	46.73 0.19 0.00	49.61 0.05 0.00	51.59 -0.15 0.00	55.34 -0.39 0.00	58.54 -0.41 0.00	60.75 -0.92 0.00	65.49 -1.27 0.00	74.01 -1.59 0.00	76.95 -1.89 0.00	75.51 -0.91 0.00	66.12 -0.60 0.00	59.86 -0.18 0.00	51.22 0.00 0.00	46.90 0.33 0.00
V_E_10_SYNC_DSASP 323830	50.02 3.66 0.00	45.37 3.63 0.00	39.36 2.95 0.00	36.70 2.59 0.00	36.24 2.56 0.00	38.99 3.19 0.00	42.40 3.36 0.00	48.74 3.73 0.00	52.08 3.59 0.00	51.68 3.06 0.00	49.33 2.79 0.00	52.53 2.97 0.00	54.75 3.00 0.00	59.24 3.51 0.00	62.54 3.60 0.00	65.81 4.13 0.00	72.10 5.34 0.00	82.79 7.19 0.00	87.98 9.14 0.00	85.05 8.63 0.00	74.12 7.40 0.00	66.04 6.00 0.00	55.73 4.51 0.00	50.25 3.68 0.00

V_F_30_NSYNC___DSASP 323816	49.19 2.83 0.00	44.33 2.59 0.00	38.63 2.22 0.00	36.12 2.01 0.00	35.67 1.99 0.00	37.99 2.18 0.00	41.43 2.38 0.00	47.89 2.88 0.00	51.06 2.57 0.00	51.05 2.43 0.00	48.35 1.81 0.00	51.34 1.78 0.00	53.76 2.02 0.00	58.01 2.29 0.00	61.48 2.53 0.00	64.76 3.08 0.00	70.29 3.54 0.00	84.72 4.61 -4.51	84.28 5.44 0.00	81.32 4.90 0.00	70.92 4.21 0.00	63.64 3.60 0.00	54.04 2.82 0.00	49.04 2.47 0.00
V_F_30_SYNC_DSASP 323786	47.61 1.25 0.00	42.91 1.17 0.00	37.61 1.20 0.00	35.23 1.13 0.00	34.79 1.11 0.00	36.98 1.18 0.00	40.25 1.21 0.00	46.67 1.67 0.00	49.70 1.21 0.00	49.74 1.12 0.00	47.33 0.79 0.00	50.35 0.79 0.00	52.68 0.93 0.00	56.84 1.11 0.00	60.24 1.30 0.00	63.65 1.97 0.00	68.63 1.87 0.00	79.30 2.72 -0.98	81.76 2.92 0.00	78.48 2.06 0.00	68.45 1.73 0.00	61.36 1.32 0.00	52.19 0.97 0.00	47.46 0.88 0.00
V_XM_10_SYNC_DSASP 323789	45.43 -0.93 0.00	40.70 -1.04 0.00	35.64 -0.77 0.00	33.49 -0.61 0.00	33.18 -0.50 0.00	35.16 -0.64 0.00	38.46 -0.58 0.00	44.34 -0.67 0.00	47.86 -0.63 0.00	47.98 -0.63 0.00	46.31 -0.23 0.00	48.86 -0.69 0.00	50.92 -0.83 0.00	54.00 -1.73 0.00	56.83 -2.12 0.00	58.96 -2.71 0.00	63.62 -3.14 0.00	72.13 -3.48 0.00	75.14 -3.70 0.00	73.74 -2.68 0.00	64.52 -2.20 0.00	58.18 -1.86 0.00	50.20 -1.02 0.00	46.66 0.09 0.00
W.BABYLN_69_KV_BK1 56697	51.69 5.33 0.00	47.18 5.43 -0.02	41.25 4.84 0.00	38.61 4.50 0.00	38.06 4.38 0.00	40.38 4.58 0.00	44.24 5.19 0.00	50.82 5.81 0.00	52.52 4.02 0.00	53.19 4.57 0.00	50.52 4.05 0.07	54.17 4.66 0.05	56.94 5.28 0.08	72.64 6.07 -10.84	77.36 6.66 -11.75	73.26 8.20 -3.39	79.42 9.81 -2.85	95.30 11.04 -8.65	90.93 11.27 -0.82	87.54 9.25 -1.87	74.06 7.34 0.00	65.57 5.52 -0.01	57.43 5.07 -1.14	50.31 3.82 0.08
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	49.84 3.48 0.00	45.08 3.34 0.00	39.58 3.17 0.00	37.04 2.93 0.00	36.51 2.83 0.00	38.81 3.01 0.00	42.40 3.36 0.00	48.88 3.87 0.00	51.98 3.49 0.00	52.26 3.65 0.00	50.08 3.54 0.00	53.32 3.77 0.00	55.88 4.14 0.00	60.18 4.46 0.00	63.72 4.77 0.00	67.78 6.11 0.00	74.10 7.34 0.00	84.69 8.01 -1.07	87.04 8.20 0.00	82.76 6.34 0.00	71.85 5.14 0.00	63.88 3.84 0.00	54.65 3.43 0.00	49.55 2.98 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	50.49 4.13 0.00	45.62 3.88 0.00	39.98 3.57 0.00	37.42 3.31 0.00	36.88 3.20 0.00	39.20 3.40 0.00	42.95 3.90 0.00	49.60 4.59 0.00	52.76 4.27 0.00	53.05 4.42 -0.01	50.88 4.33 -0.01	54.08 4.51 -0.01	56.51 4.76 0.00	60.80 5.07 0.00	64.31 5.36 0.00	68.58 6.91 0.00	75.04 8.28 0.00	85.82 9.07 -1.14	87.91 9.07 0.00	83.53 7.11 0.00	72.52 5.80 0.00	64.36 4.32 0.00	55.22 4.00 0.00	50.16 3.59 0.00
W50THST__13_KV_LOAD 356117	50.76 4.40 0.00	45.87 4.13 0.00	40.20 3.79 0.00	37.62 3.51 0.00	37.08 3.40 0.00	39.42 3.62 0.00	43.22 4.18 0.00	49.91 4.91 0.00	53.10 4.61 0.00	53.44 4.81 -0.01	51.30 4.75 -0.01	54.52 4.96 -0.01	56.92 5.17 0.00	61.24 5.52 0.00	64.78 5.84 0.00	69.14 7.46 0.00	75.64 8.88 0.00	86.42 9.68 -1.14	88.54 9.70 0.00	84.14 7.72 0.00	72.99 6.27 0.00	64.72 4.68 0.00	55.52 4.30 0.00	50.44 3.87 0.00
WADING RIVER_IC_1 23522	51.23 4.87 0.00	46.22 4.47 -0.02	40.42 4.01 -0.01	37.83 3.72 -0.01	37.26 3.57 -0.01	39.53 3.72 -0.01	43.39 4.33 -0.01	49.92 4.91 0.00	52.42 3.93 0.00	52.26 3.65 0.00	49.63 3.21 0.12	53.06 3.62 0.12	55.63 4.14 0.25	66.31 4.96 -5.63	70.76 5.72 -6.09	69.82 6.66 -1.48	76.43 8.41 -1.26	89.65 9.60 -4.44	88.82 9.62 -0.36	85.04 7.80 -0.82	72.51 5.80 0.00	64.13 4.08 0.00	55.41 3.69 -0.50	49.56 3.12 0.14
WADING RIVER_IC_2 23547	51.23 4.87 0.00	46.22 4.47 -0.02	40.42 4.01 -0.01	37.83 3.72 -0.01	37.26 3.57 -0.01	39.53 3.72 -0.01	43.39 4.33 -0.01	49.92 4.91 0.00	52.42 3.93 0.00	52.26 3.65 0.00	49.63 3.21 0.12	53.06 3.62 0.12	55.63 4.14 0.25	66.31 4.96 -5.63	70.76 5.72 -6.09	69.82 6.66 -1.48	76.43 8.41 -1.26	89.65 9.60 -4.44	88.82 9.62 -0.36	85.04 7.80 -0.82	72.51 5.80 0.00	64.13 4.08 0.00	55.41 3.69 -0.50	49.56 3.12 0.14
WADING RIVER_IC_3 23601	51.23 4.87 0.00	46.22 4.47 -0.02	40.42 4.01 -0.01	37.83 3.72 -0.01	37.26 3.57 -0.01	39.53 3.72 -0.01	43.39 4.33 -0.01	49.92 4.91 0.00	52.42 3.93 0.00	52.26 3.65 0.00	49.63 3.21 0.12	53.06 3.62 0.12	55.63 4.14 0.25	66.31 4.96 -5.63	70.76 5.72 -6.09	69.82 6.66 -1.48	76.43 8.41 -1.26	89.65 9.60 -4.44	88.82 9.62 -0.36	85.04 7.80 -0.82	72.51 5.80 0.00	64.13 4.08 0.00	55.41 3.69 -0.50	49.56 3.12 0.14
WALDENNY_12_KV_BK2 80841	46.45 0.09 0.00	42.66 0.92 0.00	36.37 -0.04 0.00	34.21 0.10 0.00	33.72 0.03 0.00	35.80 0.00 0.00	38.42 -0.62 0.00	43.07 -1.94 0.00	46.70 -1.79 0.00	47.50 -1.12 0.00	45.89 -0.65 0.00	49.16 -0.40 0.00	51.69 -0.05 0.00	55.78 0.06 0.00	58.54 -0.41 0.00	61.86 0.19 0.00	67.02 0.27 0.00	75.38 -0.23 0.00	80.26 1.42 0.00	76.73 0.31 0.00	66.52 -0.20 0.00	59.32 -0.72 0.00	51.17 -0.05 0.00	46.62 0.05 0.00
WALDEN___HYDRO 24148	49.70 3.34 0.00	44.91 3.17 0.00	39.36 2.95 0.00	36.84 2.73 0.00	36.31 2.63 0.00	38.63 2.83 0.00	42.17 3.12 0.00	48.61 3.60 0.00	51.79 3.30 0.00	52.02 3.40 0.00	49.80 3.26 0.00	53.03 3.47 0.00	55.52 3.78 0.00	59.79 4.07 0.00	63.43 4.48 0.00	67.35 5.67 0.00	73.63 6.88 0.00	83.96 7.56 -0.80	86.73 7.88 0.00	82.61 6.19 0.00	71.72 5.00 0.00	63.76 3.72 0.00	54.50 3.28 0.00	49.41 2.84 0.00
WARRENSBURG____ 23737	48.96 2.60 0.00	44.20 2.46 0.00	38.45 2.04 0.00	35.88 1.77 0.00	35.43 1.75 0.00	37.81 2.00 0.00	41.27 2.23 0.00	47.62 2.61 0.00	50.87 2.38 0.00	50.81 2.19 0.00	47.61 1.07 0.00	50.55 0.99 0.00	52.94 1.19 0.00	57.12 1.39 0.00	60.54 1.59 0.00	63.89 2.22 0.00	69.23 2.47 0.00	83.17 3.63 -3.93	84.13 5.28 0.00	80.93 4.51 0.00	70.92 4.20 0.00	63.64 3.60 0.00	53.94 2.71 0.00	48.85 2.28 0.00
WATERSIDE___6 8 9 23538	50.68 4.31 -0.01	45.75 4.01 -0.01	40.16 3.75 0.00	37.59 3.48 0.00	37.05 3.37 0.00	39.35 3.54 0.00	43.07 4.02 0.00	49.73 4.73 0.00	52.86 4.36 0.00	53.16 4.52 -0.02	50.93 4.37 -0.02	54.28 4.71 -0.02	56.45 4.71 0.00	60.57 4.85 0.00	63.66 4.72 0.00	67.96 6.29 0.00	74.37 7.61 0.00	85.21 8.47 -1.14	87.12 8.28 0.00	82.76 6.34 0.00	71.85 5.14 0.00	63.82 3.78 0.00	55.47 4.25 0.00	50.34 3.77 0.00
WATKINRD_115KV_LN8_ILLION 55919	46.69 0.32 0.00	42.03 0.29 0.00	36.67 0.25 0.00	34.31 0.20 0.00	33.88 0.20 0.00	36.09 0.29 0.00	39.36 0.31 0.00	45.41 0.41 0.00	48.78 0.29 0.00	48.86 0.24 0.00	46.68 0.14 0.00	49.70 0.15 0.00	51.90 0.16 0.00	55.95 0.22 0.00	59.18 0.24 0.00	62.04 0.37 0.00	67.16 0.40 0.00	76.29 0.68 0.00	79.79 0.95 0.00	77.11 0.69 0.00	67.32 0.60 0.00	60.52 0.48 0.00	51.58 0.36 0.00	46.85 0.28 0.00

WDELAWARE___HYD 323627	49.60 3.24 0.00	44.74 3.01 0.00	39.18 2.77 0.00	36.63 2.52 0.00	36.11 2.43 0.00	38.45 2.65 0.00	42.01 2.97 0.00	48.43 3.42 0.00	51.57 3.20 0.12	51.66 3.16 0.12	49.51 3.02 0.06	52.59 3.17 0.14	55.06 3.52 0.20	59.20 3.79 0.32	62.73 4.19 0.41	66.36 5.18 0.49	72.73 6.61 0.64	83.09 7.49 0.00	86.70 8.05 0.19	82.81 6.49 0.10	71.86 5.14 0.00	63.76 3.72 0.00	54.40 3.18 0.00	49.32 2.75 0.00
WEST BABYLON___IC 23714	51.69 5.33 0.00	47.18 5.43 -0.02	41.25 4.84 0.00	38.61 4.50 0.00	38.06 4.38 0.00	40.38 4.58 0.00	44.24 5.19 0.00	50.82 5.81 0.00	52.52 4.02 0.00	53.19 4.57 0.00	50.52 4.05 0.07	54.17 4.66 0.05	56.94 5.28 0.08	72.64 6.07 -10.84	77.36 6.66 -11.75	73.26 8.20 -3.39	79.42 9.81 -2.85	95.30 11.04 -8.65	90.93 11.27 -0.82	87.54 9.25 -1.87	74.06 7.34 0.00	65.57 5.52 -0.01	57.43 5.07 -1.14	50.31 3.82 0.08
WEST CANADA___HYD 24049	46.69 0.33 0.00	42.07 0.33 0.00	36.74 0.33 0.00	34.38 0.27 0.00	33.95 0.27 0.00	36.12 0.32 0.00	39.39 0.35 0.00	45.41 0.40 0.00	48.78 0.29 0.00	48.91 0.29 0.00	46.77 0.23 0.00	49.81 0.25 0.00	52.06 0.31 0.00	56.06 0.34 0.00	59.36 0.42 0.00	62.23 0.55 0.00	67.42 0.67 0.00	76.44 0.83 0.00	79.79 0.95 0.00	77.11 0.69 0.00	67.25 0.53 0.00	60.40 0.36 0.00	51.53 0.31 0.00	46.81 0.23 0.00
WESTERN_NY_WIND 24143	47.66 1.30 0.00	43.57 1.84 0.00	37.18 0.76 0.00	34.93 0.82 0.00	34.52 0.84 0.00	36.59 0.79 0.00	39.24 0.20 0.00	44.15 -0.86 0.00	47.76 -0.73 0.00	48.33 -0.29 0.00	46.63 0.09 0.00	50.00 0.45 0.00	52.42 0.67 0.00	56.51 0.78 0.00	59.42 0.47 0.00	62.72 1.05 0.00	68.03 1.27 0.00	76.81 1.21 0.00	81.92 3.07 0.00	78.48 2.06 0.00	68.32 1.60 0.00	61.00 0.96 0.00	52.35 1.13 0.00	47.60 1.02 0.00
WESTOVER___LESR 323668	47.01 0.65 0.00	42.61 0.88 0.00	36.99 0.58 0.00	34.65 0.55 0.00	34.19 0.51 0.00	36.37 0.57 0.00	39.55 0.51 0.00	45.41 0.41 0.00	48.78 0.29 0.00	49.01 0.39 0.00	47.05 0.51 0.00	50.25 0.69 0.00	52.57 0.83 0.00	56.73 1.00 0.00	59.89 0.94 0.00	63.09 1.42 0.00	68.43 1.67 0.00	77.50 1.89 0.00	81.52 2.68 0.00	78.41 1.99 0.00	68.39 1.67 0.00	61.12 1.08 0.00	52.19 0.97 0.00	47.27 0.70 0.00
WETHRSFD_WT_PWR 323626	45.90 -0.46 0.00	42.32 0.58 0.00	36.23 -0.18 0.00	34.07 -0.03 0.00	33.38 -0.30 0.00	35.77 -0.04 0.00	38.46 -0.58 0.00	43.07 -1.93 0.00	46.41 -2.08 0.00	46.97 -1.65 0.00	45.29 -1.25 0.00	48.61 -0.94 0.00	51.07 -0.67 0.00	55.06 -0.67 0.00	57.77 -1.18 0.00	60.68 -0.99 0.00	66.22 -0.54 0.00	74.70 -0.90 0.00	79.55 0.71 0.00	76.04 -0.38 0.00	66.58 -0.13 0.00	59.38 -0.66 0.00	50.92 -0.31 0.00	46.15 -0.42 0.00
WHAVSTOR_138KV_BK127 55557	49.65 3.29 0.00	44.91 3.17 0.00	39.43 3.02 0.00	36.90 2.80 0.00	36.41 2.73 0.00	38.67 2.86 0.00	42.25 3.20 0.00	48.70 3.69 0.00	51.79 3.30 0.00	52.07 3.45 0.00	49.89 3.35 0.00	53.12 3.57 0.00	55.57 3.83 0.00	59.85 4.12 0.00	63.43 4.48 0.00	67.41 5.74 0.00	73.70 6.94 0.00	84.31 7.64 -1.07	86.57 7.73 0.00	82.30 5.88 0.00	71.52 4.80 0.00	63.58 3.54 0.00	54.40 3.18 0.00	49.37 2.79 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	49.65 3.29 0.00	44.91 3.17 0.00	39.43 3.02 0.00	36.90 2.80 0.00	36.41 2.73 0.00	38.67 2.86 0.00	42.25 3.20 0.00	48.70 3.69 0.00	51.79 3.30 0.00	52.07 3.45 0.00	49.89 3.35 0.00	53.12 3.57 0.00	55.57 3.83 0.00	59.85 4.12 0.00	63.43 4.48 0.00	67.41 5.74 0.00	73.70 6.94 0.00	84.31 7.64 -1.07	86.57 7.73 0.00	82.30 5.88 0.00	71.52 4.80 0.00	63.58 3.54 0.00	54.40 3.18 0.00	49.37 2.79 0.00
WHITEHAL_115KV_TB1 80871	49.70 3.34 0.00	44.74 3.01 0.00	38.81 2.40 0.00	36.09 1.98 0.00	35.67 1.99 0.00	38.24 2.43 0.00	41.74 2.69 0.00	48.20 3.20 0.00	51.30 2.81 0.00	51.05 2.43 0.00	47.56 1.02 0.00	50.45 0.89 0.00	52.94 1.19 0.00	57.23 1.50 0.00	60.72 1.77 0.00	64.14 2.47 0.00	69.69 2.94 0.00	84.15 4.61 -3.93	85.70 6.86 0.00	82.76 6.34 0.00	72.52 5.80 0.00	65.08 5.04 0.00	54.81 3.59 0.00	49.60 3.03 0.00
WHITEPLN_13_KV_LOAD 356215	50.58 4.22 0.00	45.74 4.01 0.00	40.05 3.64 0.00	37.52 3.41 0.00	36.98 3.30 0.00	39.35 3.54 0.00	43.03 3.98 0.00	49.69 4.68 0.00	52.86 4.36 0.00	53.19 4.57 0.00	51.01 4.47 0.00	54.31 4.76 0.00	56.82 5.07 0.00	61.19 5.46 0.00	64.84 5.89 0.00	69.01 7.34 0.00	75.64 8.88 0.00	86.50 9.75 -1.14	88.78 9.93 0.00	84.37 7.95 0.00	73.12 6.40 0.00	64.90 4.86 0.00	55.47 4.25 0.00	50.34 3.77 0.00
WM_FLOYD_69_KV_BK2 356380	51.04 4.68 0.00	46.68 4.92 -0.02	40.82 4.41 0.00	38.17 4.06 0.00	37.62 3.94 0.00	39.88 4.08 0.00	43.77 4.72 0.00	50.23 5.22 0.00	51.74 3.25 0.00	52.46 3.84 0.00	49.85 3.44 0.13	53.40 3.96 0.12	56.03 4.55 0.27	67.41 5.35 -6.34	71.59 5.78 -6.87	70.65 7.46 -1.52	77.05 9.01 -1.28	90.33 10.21 -4.52	89.62 10.41 -0.37	85.66 8.41 -0.84	73.18 6.47 0.00	64.67 4.62 0.00	55.94 4.20 -0.52	49.59 3.17 0.15
WOODARD___115KV_TB2 355635	46.18 -0.19 0.00	41.70 -0.04 0.00	36.23 -0.18 0.00	33.94 -0.17 0.00	33.51 -0.17 0.00	35.62 -0.18 0.00	38.85 -0.20 0.00	44.74 -0.27 0.00	48.15 -0.34 0.00	48.28 -0.34 0.00	46.31 -0.23 0.00	49.41 -0.15 0.00	51.59 -0.16 0.00	55.67 -0.06 0.00	58.83 -0.12 0.00	61.74 0.06 0.00	66.89 0.13 0.00	75.83 0.23 0.00	79.55 0.71 0.00	76.80 0.38 0.00	66.98 0.27 0.00	59.98 -0.06 0.00	51.12 -0.10 0.00	46.39 -0.19 0.00
WOODMERE_69_KV_BK1 55827	51.55 5.19 0.00	46.76 5.01 -0.02	40.96 4.55 0.00	38.34 4.23 0.00	37.79 4.11 0.00	40.13 4.33 0.00	43.89 4.84 0.00	50.55 5.54 0.00	52.71 4.22 0.00	53.28 4.67 0.00	50.96 4.42 0.00	54.56 5.01 0.00	57.33 5.59 0.00	62.02 6.30 0.00	65.79 6.84 0.00	97.73 8.51 -27.55	99.72 9.95 -23.01	148.55 10.96 -61.98	96.63 11.27 -6.52	100.95 9.32 -15.21	74.38 7.61 -0.06	65.80 5.76 0.00	65.57 5.53 -8.82	50.91 4.28 -0.05
YORK___WARBASSE 23770	51.00 4.64 -0.01	46.04 4.30 -0.01	40.38 3.97 0.00	37.79 3.68 0.00	37.22 3.54 0.00	39.53 3.72 0.00	43.22 4.18 0.00	49.87 4.86 0.00	52.90 4.41 0.00	53.25 4.62 -0.02	51.12 4.56 -0.02	54.43 4.86 -0.02	56.56 4.81 0.00	60.63 4.90 0.00	63.78 4.83 0.00	68.14 6.48 0.01	74.63 7.88 0.01	85.44 8.69 -1.14	87.35 8.52 0.01	82.99 6.57 0.00	72.12 5.40 0.00	63.94 3.90 0.00	55.63 4.41 0.00	50.67 4.10 0.00