

Day Ahead Market Generator LBMP

Generator Data		--- LBMP \$										--- Marginal Cost of Losses										--- Marginal Cost of Congestion										06/30/2025		
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00									
59TH STREET_GT_1	24138	45.84	40.36	37.02	34.21	33.70	35.16	37.97	41.69	47.46	47.89	50.80	53.80	60.17	60.72	66.47	71.65	86.10	101.58	101.05	94.40	82.22	69.73	60.24	54.25									
		4.05	3.54	3.06	2.85	2.73	2.90	3.29	4.03	4.43	4.55	4.74	4.67	5.07	4.91	5.38	7.04	9.22	12.16	11.07	9.96	7.06	5.22	4.77	4.25									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
74TH STREET_GT_1	24260	46.01	40.51	37.09	34.25	33.76	35.20	38.01	41.69	47.46	47.89	50.80	53.80	60.17	60.72	66.41	71.65	86.02	101.58	101.14	94.49	82.30	69.80	60.35	54.35									
		4.22	3.68	3.12	2.89	2.79	2.94	3.33	4.03	4.43	4.55	4.74	4.67	5.07	4.91	5.32	7.04	9.15	12.16	11.16	10.05	7.14	5.29	4.88	4.35									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
74TH STREET_GT_2	24261	46.01	40.51	37.09	34.25	33.76	35.20	38.01	41.69	47.46	47.89	50.80	53.80	60.17	60.72	66.41	71.65	86.02	101.58	101.14	94.49	82.30	69.80	60.35	54.35									
		4.22	3.68	3.12	2.89	2.79	2.94	3.33	4.03	4.43	4.55	4.74	4.67	5.07	4.91	5.32	7.04	9.15	12.16	11.16	10.05	7.14	5.29	4.88	4.35									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
ADK HUDSON___FALLS	24011	44.09	38.78	35.66	32.90	32.49	33.87	36.45	39.47	44.66	44.72	47.07	50.11	55.76	56.65	62.08	66.81	80.02	94.69	96.46	90.26	83.06	68.38	58.19	52.55									
		2.30	1.95	1.70	1.54	1.52	1.61	1.77	1.81	1.64	1.39	1.01	0.98	0.66	0.84	0.98	2.20	3.15	5.28	6.48	5.83	4.96	3.87	2.72	2.55									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.94	0.00	0.00	0.00									
ADK RESOURCE___RCVRY	23798	43.92	38.56	35.39	32.65	32.27	33.68	36.24	39.21	44.36	44.38	46.57	49.76	55.15	56.09	61.47	66.42	79.72	94.60	96.91	90.60	82.92	68.57	58.13	52.45									
		2.13	1.73	1.43	1.29	1.30	1.42	1.56	1.54	1.34	1.04	0.51	0.64	0.06	0.28	0.37	1.81	2.85	5.18	6.93	6.16	5.26	4.07	2.66	2.45									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.51	0.00	0.00	0.00									
ADK S GLENS___FALLS	24028	44.09	38.78	35.66	32.90	32.49	33.87	36.45	39.47	44.66	44.72	47.07	50.11	55.76	56.65	62.08	66.81	80.02	94.69	96.46	90.26	83.06	68.38	58.19	52.55									
		2.30	1.95	1.70	1.54	1.52	1.61	1.77	1.81	1.64	1.39	1.01	0.98	0.66	0.84	0.98	2.20	3.15	5.28	6.48	5.83	4.96	3.87	2.72	2.55									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.94	0.00	0.00	0.00									
ADK_NYS___DAM	23527	45.05	39.77	36.61	33.81	33.36	34.78	37.39	40.71	45.99	45.81	48.32	51.43	57.69	58.99	64.70	69.59	82.94	98.63	98.98	92.63	86.64	69.60	59.35	53.50									
		3.26	2.95	2.65	2.45	2.38	2.52	2.71	3.05	2.97	2.47	2.26	2.31	2.59	3.18	3.60	4.98	6.07	9.21	9.00	8.19	6.46	5.09	3.88	3.50									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.02	0.00	0.00	0.00									
AIR_PRODUCTS___DRP	24190	42.42	37.53	34.61	32.05	31.59	32.87	35.27	38.27	43.54	43.68	46.24	49.13	54.88	55.25	60.49	64.74	77.26	90.76	91.15	85.37	73.42	64.44	55.25	49.90									
		0.63	0.70	0.65	0.69	0.62	0.61	0.59	0.60	0.52	0.35	0.18	0.00	-0.22	-0.56	-0.61	0.13	0.38	1.34	1.17	0.93	0.23	-0.06	-0.22	-0.10									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.96	0.00	0.00	0.00									
AKWESSNE_115KV_BK	355683	41.29	36.35	33.56	30.98	30.63	31.81	34.37	37.32	42.90	43.12	45.78	48.73	54.66	55.25	60.67	63.64	75.26	85.88	86.56	81.73	73.95	63.41	54.97	49.70									
		-0.50	-0.48	-0.41	-0.38	-0.34	-0.45	-0.31	-0.34	-0.13	-0.22	-0.28	-0.39	-0.44	-0.56	-0.43	-0.97	-1.61	-3.04	-2.88	-2.45	-1.20	-1.10	-0.50	-0.30									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.49	0.54	0.26	0.00	0.00	0.00	0.00									
ALBANY_1_SOLAR	323833	43.34	38.23	35.25	32.58	32.15	33.45	35.82	38.64	43.80	43.86	46.29	49.32	55.10	55.40	55.36	58.43	75.64	85.55	86.30	82.39	74.35	64.76	55.52	50.15									
		1.55	1.40	1.29	1.22	1.18	1.19	1.14	0.98	0.78	0.52	0.23	0.20	0.00	-0.39	-1.29	-0.58	-0.23	0.89	1.17	1.18	0.53	0.26	0.06	0.15									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	4.46	5.59	1.00	4.76	4.85	3.23	1.34	0.00	0.00	0.00									
ALBANY_2_SOLAR	323834	43.34	38.23	35.22	32.58	32.15	33.42	35.79	38.64	43.80	43.86	46.29	49.27	55.10	55.41	55.36	58.44	75.64	85.46	86.22	82.31	74.27	64.70	55.47	50.15									
		1.55	1.40	1.26	1.22	1.18	1.16	1.11	0.98	0.78	0.52	0.23	0.15	0.00	-0.39	-1.29	-0.58	-0.23	0.80	1.08	1.09	0.45	0.19	0.00	0.15									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	4.45	5.59	1.00	4.76	4.84	3.23	1.34	0.00	0.00	0.00									
ALBANY___1	23571	42.42	37.53	34.61	32.05	31.59	32.87	35.27	38.27	43.54	43.68	46.24	49.13	54.88	55.25	60.49	64.74	77.26	90.76	91.15	85.37	73.42	64.44	55.25	49.90									
		0.63	0.70	0.65	0.69	0.62	0.61	0.59	0.60	0.52	0.35	0.18	0.00	-0.22	-0.56	-0.61	0.13	0.38	1.34	1.17	0.93	0.23	-0.06	-0.22	-0.10									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.96	0.00	0.00	0.00									

ALBANY___2 23572	42.42 0.63 0.00	37.53 0.70 0.00	34.61 0.65 0.00	32.05 0.69 0.00	31.59 0.62 0.00	32.87 0.61 0.00	35.27 0.59 0.00	38.27 0.60 0.00	43.54 0.52 0.00	43.68 0.35 0.00	46.24 0.18 0.00	49.13 0.00 0.00	54.88 -0.22 0.00	55.25 -0.56 0.00	60.49 -0.61 0.00	64.74 0.13 0.00	77.26 0.38 0.00	90.76 1.34 0.00	91.15 1.17 0.00	85.37 0.93 0.00	73.42 0.23 1.96	64.44 -0.06 0.00	55.25 -0.22 0.00	49.90 -0.10 0.00
ALBANY___3 23573	42.42 0.63 0.00	37.53 0.70 0.00	34.61 0.65 0.00	32.05 0.69 0.00	31.59 0.62 0.00	32.87 0.61 0.00	35.27 0.59 0.00	38.27 0.60 0.00	43.54 0.52 0.00	43.68 0.35 0.00	46.24 0.18 0.00	49.13 0.00 0.00	54.88 -0.22 0.00	55.25 -0.56 0.00	60.49 -0.61 0.00	64.74 0.13 0.00	77.26 0.38 0.00	90.76 1.34 0.00	91.15 1.17 0.00	85.37 0.93 0.00	73.42 0.23 1.96	64.44 -0.06 0.00	55.25 -0.22 0.00	49.90 -0.10 0.00
ALBANY___4 23574	42.42 0.63 0.00	37.53 0.70 0.00	34.61 0.65 0.00	32.05 0.69 0.00	31.59 0.62 0.00	32.87 0.61 0.00	35.27 0.59 0.00	38.27 0.60 0.00	43.54 0.52 0.00	43.68 0.35 0.00	46.24 0.18 0.00	49.13 0.00 0.00	54.88 -0.22 0.00	55.25 -0.56 0.00	60.49 -0.61 0.00	64.74 0.13 0.00	77.26 0.38 0.00	90.76 1.34 0.00	91.15 1.17 0.00	85.37 0.93 0.00	73.42 0.23 1.96	64.44 -0.06 0.00	55.25 -0.22 0.00	49.90 -0.10 0.00
ALBANY___LFGE 323615	42.87 1.08 0.00	37.86 1.03 0.00	34.91 0.95 0.00	32.33 0.97 0.00	31.87 0.90 0.00	33.16 0.90 0.00	35.58 0.90 0.00	38.60 0.94 0.00	43.93 0.91 0.00	44.03 0.69 0.00	46.57 0.51 0.00	49.62 0.49 0.00	55.43 0.33 0.00	55.98 0.17 0.00	61.22 0.12 0.00	65.51 0.90 0.00	78.33 1.46 0.00	92.01 2.59 0.00	92.49 2.52 0.00	86.55 2.11 0.00	74.56 1.20 1.79	65.28 0.78 0.00	55.97 0.50 0.00	50.55 0.55 0.00
ALCOA_PA_115KV_PL-6C 55860	41.58 -0.21 0.00	36.61 -0.22 0.00	33.79 -0.17 0.00	31.20 -0.16 0.00	30.88 -0.09 0.00	32.00 -0.26 0.00	34.61 -0.07 0.00	37.55 -0.11 0.00	43.24 0.22 0.00	43.42 0.09 0.00	46.11 0.05 0.00	49.13 0.00 0.00	54.99 -0.11 0.00	55.59 -0.22 0.00	60.98 -0.12 0.00	63.90 -0.71 0.00	75.57 -1.31 0.00	85.70 -3.22 0.49	86.47 -2.97 0.54	81.73 -2.45 0.26	74.33 -0.83 0.00	63.86 -0.65 0.00	55.36 -0.11 0.00	50.15 0.15 0.00
ALCOA_RYNLDS___DRP 24188	41.58 -0.21 0.00	36.61 -0.22 0.00	33.79 -0.17 0.00	31.20 -0.16 0.00	30.88 -0.09 0.00	32.00 -0.26 0.00	34.61 -0.07 0.00	37.55 -0.11 0.00	43.24 0.22 0.00	43.42 0.09 0.00	46.11 0.05 0.00	49.13 0.00 0.00	54.99 -0.11 0.00	55.59 -0.22 0.00	60.98 -0.12 0.00	63.90 -0.71 0.00	75.57 -1.31 0.00	85.70 -3.22 0.49	86.47 -2.97 0.54	81.73 -2.45 0.26	74.33 -0.83 0.00	63.86 -0.65 0.00	55.36 -0.11 0.00	50.15 0.15 0.00
ALCOA___DSASP 323711	41.58 -0.21 0.00	36.61 -0.22 0.00	33.79 -0.17 0.00	31.20 -0.16 0.00	30.88 -0.09 0.00	32.00 -0.26 0.00	34.61 -0.07 0.00	37.55 -0.11 0.00	43.24 0.22 0.00	43.42 0.09 0.00	46.11 0.05 0.00	49.13 0.00 0.00	54.99 -0.11 0.00	55.59 -0.22 0.00	60.98 -0.12 0.00	63.84 -0.77 0.00	75.57 -1.31 0.00	85.71 -3.22 0.49	86.47 -2.97 0.54	81.65 -2.53 0.26	74.33 -0.83 0.00	63.86 -0.64 0.00	55.36 -0.11 0.00	50.15 0.15 0.00
ALLEGHENY___COGEN 23514	44.00 2.21 0.00	38.81 1.99 0.00	35.93 1.97 0.00	32.96 1.60 0.00	32.52 1.55 0.00	34.03 1.77 0.00	36.00 1.32 0.00	38.42 0.75 0.00	43.24 0.22 0.00	43.99 0.65 0.00	46.84 0.78 0.00	48.15 -0.98 0.00	55.10 0.00 0.00	56.48 0.67 0.00	62.02 0.92 0.00	65.32 0.71 0.00	78.71 1.84 0.00	92.54 3.13 0.00	94.83 4.86 0.00	90.43 6.00 0.00	79.97 4.81 0.00	69.21 4.71 0.00	58.19 2.72 0.00	51.80 1.80 0.00
ALTAMONT_115KV_TB 2 55880	43.00 1.21 0.00	37.93 1.10 0.00	34.98 1.02 0.00	32.33 0.97 0.00	31.90 0.93 0.00	33.23 0.97 0.00	35.65 0.97 0.00	38.72 1.05 0.00	44.02 0.99 0.00	44.25 0.91 0.00	46.94 0.88 0.00	49.91 0.79 0.00	55.87 0.77 0.00	56.37 0.56 0.00	61.90 0.55 -0.25	66.15 1.23 -0.32	78.70 1.77 -0.06	92.46 2.77 -0.27	92.95 2.70 -0.27	86.98 2.36 -0.18	75.84 1.58 0.89	65.67 1.16 0.00	56.36 0.89 0.00	50.85 0.85 0.00
ALTONA_WT_PWR 323606	41.66 -0.12 0.00	36.61 -0.22 0.00	33.83 -0.14 0.00	31.24 -0.12 0.00	30.91 -0.06 0.00	32.10 -0.16 0.00	34.75 0.07 0.00	37.74 0.08 0.00	43.50 0.47 0.00	43.77 0.43 0.00	46.20 0.14 0.00	48.98 -0.15 0.00	54.44 -0.66 0.00	54.86 -0.95 0.00	60.24 -0.86 0.00	63.19 -1.42 0.00	74.64 -2.23 0.00	84.58 -3.75 1.08	85.29 -3.51 1.18	80.92 -2.96 0.56	73.35 -1.80 0.00	62.77 -1.74 0.00	54.36 -1.11 0.00	49.45 -0.55 0.00
AMERICAN_REF_FUEL 24010	41.29 -0.50 0.00	36.53 -0.30 0.00	33.89 -0.07 0.00	30.89 -0.47 0.00	30.63 -0.34 0.00	32.10 -0.16 0.00	33.47 -1.21 0.00	35.48 -2.19 0.00	40.62 -2.41 0.00	42.08 -1.26 0.00	45.37 -0.69 0.00	48.19 -0.93 0.00	55.54 0.44 0.00	57.15 1.34 0.00	62.02 0.92 0.00	64.67 0.06 0.00	77.18 0.31 0.00	89.50 0.09 0.00	90.07 0.09 0.00	84.95 0.51 0.00	74.78 -0.37 0.00	64.76 0.26 0.00	54.97 -0.50 0.00	49.65 -0.35 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	42.79 1.00 0.00	37.71 0.88 0.00	34.91 0.95 0.00	31.99 0.63 0.00	31.40 0.43 0.00	32.91 0.64 0.00	34.54 -0.14 0.00	37.14 -0.53 0.00	42.60 -0.43 0.00	44.20 0.87 0.00	47.77 1.71 0.00	50.99 1.87 0.00	58.57 3.47 0.00	60.33 4.52 0.00	65.37 4.28 0.00	68.42 3.81 0.00	81.64 4.77 0.00	94.42 5.00 0.00	95.10 5.13 0.00	89.33 4.90 0.00	77.94 2.78 0.00	67.28 2.77 0.00	57.02 1.55 0.00	51.05 1.05 0.00
ARTHUR KILL_GT_1 23520	46.06 4.26 -0.01	40.55 3.72 0.00	37.19 3.23 0.00	34.31 2.95 0.00	33.79 2.82 0.00	35.03 2.77 0.00	37.87 3.19 0.00	41.54 3.88 0.00	46.99 3.96 0.00	47.37 4.03 0.00	50.19 4.15 0.02	53.19 4.08 0.02	59.28 4.19 0.01	49.51 4.07 10.37	50.52 3.91 14.49	58.36 5.69 11.93	72.27 7.61 12.22	94.05 10.46 5.83	87.69 9.36 11.65	86.07 8.44 6.81	66.18 5.94 14.91	56.77 4.19 11.93	52.71 3.88 6.64	49.86 3.55 3.69
ARTHUR_KILL_2 23512	45.89 4.10 -0.01	40.44 3.61 0.00	37.13 3.16 -0.01	34.21 2.85 0.00	33.70 2.73 0.00	34.94 2.68 0.00	37.74 3.05 -0.01	41.40 3.73 -0.01	46.91 3.87 -0.01	47.11 3.77 -0.01	49.87 3.82 0.01	53.04 3.93 0.01	59.06 3.97 0.01	49.23 3.80 10.37	50.27 3.67 14.49	58.03 5.36 11.94	71.88 7.22 12.22	93.69 10.10 5.83	87.23 8.91 11.66	85.64 8.03 6.82	65.65 5.41 14.92	56.44 3.87 11.94	52.43 3.60 6.64	49.61 3.30 3.69
ARTHUR_KILL_3 23513	45.38 3.59 0.00	39.99 3.17 0.00	36.71 2.75 0.00	33.87 2.51 0.00	33.39 2.42 0.00	34.81 2.55 0.00	37.56 2.88 0.00	41.28 3.62 0.00	46.90 3.87 0.00	47.24 3.90 0.00	49.97 3.91 0.00	53.15 4.03 0.01	59.34 4.24 0.00	49.41 3.96 10.37	50.95 4.34 14.49	58.62 5.94 11.93	72.51 7.84 12.21	94.32 10.73 5.82	87.96 9.63 11.65	86.24 8.62 6.81	66.02 5.79 14.92	56.69 4.13 11.95	52.81 4.00 6.65	49.87 3.55 3.68

ARTHUR_KILL_COGEN 323718	46.06 4.26 -0.01	40.58 3.76 0.00	37.26 3.29 -0.01	34.31 2.95 0.00	33.79 2.82 0.00	35.04 2.77 0.00	37.88 3.19 -0.01	41.55 3.88 -0.01	47.04 4.00 -0.01	47.29 3.94 -0.01	50.01 3.96 0.01	53.24 4.13 0.01	59.28 4.19 0.01	49.51 4.07 10.37	50.52 3.91 14.49	58.35 5.69 11.94	72.27 7.61 12.22	94.13 10.55 5.83	87.68 9.36 11.66	86.06 8.44 6.82	66.03 5.79 14.92	56.76 4.19 11.94	52.71 3.88 6.64	49.86 3.55 3.69
ASHOKAN____ 23654	44.42 2.63 0.00	39.15 2.32 0.00	35.97 2.00 0.00	33.18 1.82 0.00	32.70 1.73 0.00	33.97 1.71 0.00	36.38 1.70 0.00	39.36 1.70 0.00	44.57 1.55 0.00	44.60 1.26 0.00	47.21 1.15 0.00	50.45 1.33 0.00	56.64 1.54 0.00	57.58 1.79 0.02	60.91 3.97 4.15	64.88 5.49 5.22	83.55 7.61 0.93	95.52 10.55 4.44	95.89 10.43 4.52	91.05 9.62 3.01	81.77 7.59 0.97	67.99 3.48 0.00	58.41 2.94 0.00	52.65 2.65 0.00
ASTORIA_EAST_ENERGY_CC1 323581	45.81 4.01 -0.01	40.18 3.35 0.00	36.96 2.99 -0.01	34.06 2.70 0.00	33.54 2.57 0.00	34.81 2.55 0.00	37.74 3.05 -0.01	41.44 3.77 -0.01	47.08 4.04 -0.01	47.42 4.07 -0.01	50.35 4.28 -0.01	53.50 4.37 0.00	59.39 4.30 0.01	60.05 4.24 0.00	65.30 4.21 0.01	70.61 6.01 0.01	85.02 8.14 0.00	100.59 11.18 0.00	99.96 9.99 0.01	93.38 8.95 0.01	81.23 6.08 0.01	68.89 4.39 0.01	59.63 4.16 0.00	53.85 3.85 0.00
ASTORIA_EAST_ENERGY_CC2 323582	45.81 4.01 -0.01	40.18 3.35 0.00	36.96 2.99 -0.01	34.06 2.70 0.00	33.54 2.57 0.00	34.81 2.55 0.00	37.74 3.05 -0.01	41.44 3.77 -0.01	47.08 4.04 -0.01	47.42 4.07 -0.01	50.35 4.28 -0.01	53.50 4.37 0.00	59.39 4.30 0.01	60.05 4.24 0.00	65.30 4.21 0.01	70.61 6.01 0.01	85.02 8.14 0.00	100.59 11.18 0.00	99.96 9.99 0.01	93.38 8.95 0.01	81.23 6.08 0.01	68.89 4.39 0.01	59.63 4.16 0.00	53.85 3.85 0.00
ASTORIA_GT2_1 24094	45.85 4.05 -0.01	40.18 3.35 0.00	36.92 2.95 0.00	34.06 2.70 0.00	33.54 2.57 0.00	34.84 2.58 0.00	37.80 3.12 0.00	41.47 3.80 0.00	47.20 4.17 0.00	47.54 4.20 0.00	50.53 4.47 0.00	53.50 4.37 0.00	59.40 4.30 0.00	60.11 4.30 0.00	65.31 4.22 0.00	70.75 6.14 0.00	85.10 8.23 0.00	100.50 11.09 0.00	99.97 9.99 0.00	93.47 9.03 0.00	81.39 6.24 0.00	69.02 4.52 0.00	59.63 4.16 0.00	53.90 3.90 0.00
ASTORIA_GT2_2 24095	45.85 4.05 -0.01	40.18 3.35 0.00	36.92 2.95 0.00	34.06 2.70 0.00	33.54 2.57 0.00	34.84 2.58 0.00	37.80 3.12 0.00	41.47 3.80 0.00	47.20 4.17 0.00	47.54 4.20 0.00	50.53 4.47 0.00	53.50 4.37 0.00	59.40 4.30 0.00	60.11 4.30 0.00	65.31 4.22 0.00	70.75 6.14 0.00	85.10 8.23 0.00	100.50 11.09 0.00	99.97 9.99 0.00	93.47 9.03 0.00	81.39 6.24 0.00	69.02 4.52 0.00	59.63 4.16 0.00	53.90 3.90 0.00
ASTORIA_GT2_3 24096	45.85 4.05 -0.01	40.18 3.35 0.00	36.92 2.95 0.00	34.06 2.70 0.00	33.54 2.57 0.00	34.84 2.58 0.00	37.80 3.12 0.00	41.47 3.80 0.00	47.20 4.17 0.00	47.54 4.20 0.00	50.53 4.47 0.00	53.50 4.37 0.00	59.40 4.30 0.00	60.11 4.30 0.00	65.31 4.22 0.00	70.75 6.14 0.00	85.10 8.23 0.00	100.50 11.09 0.00	99.97 9.99 0.00	93.47 9.03 0.00	81.39 6.24 0.00	69.02 4.52 0.00	59.63 4.16 0.00	53.90 3.90 0.00
ASTORIA_GT2_4 24097	45.85 4.05 -0.01	40.18 3.35 0.00	36.92 2.95 0.00	34.06 2.70 0.00	33.54 2.57 0.00	34.84 2.58 0.00	37.80 3.12 0.00	41.47 3.80 0.00	47.20 4.17 0.00	47.54 4.20 0.00	50.53 4.47 0.00	53.50 4.37 0.00	59.40 4.30 0.00	60.11 4.30 0.00	65.31 4.22 0.00	70.75 6.14 0.00	85.10 8.23 0.00	100.50 11.09 0.00	99.97 9.99 0.00	93.47 9.03 0.00	81.39 6.24 0.00	69.02 4.52 0.00	59.63 4.16 0.00	53.90 3.90 0.00
ASTORIA_GT3_1 24098	45.85 4.05 -0.01	40.18 3.35 0.00	36.92 2.95 0.00	34.06 2.70 0.00	33.54 2.57 0.00	34.84 2.58 0.00	37.80 3.12 0.00	41.47 3.80 0.00	47.20 4.17 0.00	47.54 4.20 0.00	50.53 4.47 0.00	53.50 4.37 0.00	59.40 4.30 0.00	60.11 4.30 0.00	65.31 4.22 0.00	70.75 6.14 0.00	85.10 8.23 0.00	100.50 11.09 0.00	99.97 9.99 0.00	93.47 9.03 0.00	81.39 6.24 0.00	69.02 4.52 0.00	59.63 4.16 0.00	53.90 3.90 0.00
ASTORIA_GT3_2 24099	45.85 4.05 -0.01	40.18 3.35 0.00	36.92 2.95 0.00	34.06 2.70 0.00	33.54 2.57 0.00	34.84 2.58 0.00	37.80 3.12 0.00	41.47 3.80 0.00	47.20 4.17 0.00	47.54 4.20 0.00	50.53 4.47 0.00	53.50 4.37 0.00	59.40 4.30 0.00	60.11 4.30 0.00	65.31 4.22 0.00	70.75 6.14 0.00	85.10 8.23 0.00	100.50 11.09 0.00	99.97 9.99 0.00	93.47 9.03 0.00	81.39 6.24 0.00	69.02 4.52 0.00	59.63 4.16 0.00	53.90 3.90 0.00
ASTORIA_GT3_3 24100	45.85 4.05 -0.01	40.18 3.35 0.00	36.92 2.95 0.00	34.06 2.70 0.00	33.54 2.57 0.00	34.84 2.58 0.00	37.80 3.12 0.00	41.47 3.80 0.00	47.20 4.17 0.00	47.54 4.20 0.00	50.53 4.47 0.00	53.50 4.37 0.00	59.40 4.30 0.00	60.11 4.30 0.00	65.31 4.22 0.00	70.75 6.14 0.00	85.10 8.23 0.00	100.50 11.09 0.00	99.97 9.99 0.00	93.47 9.03 0.00	81.39 6.24 0.00	69.02 4.52 0.00	59.63 4.16 0.00	53.90 3.90 0.00
ASTORIA_GT3_4 24101	45.85 4.05 -0.01	40.18 3.35 0.00	36.92 2.95 0.00	34.06 2.70 0.00	33.54 2.57 0.00	34.84 2.58 0.00	37.80 3.12 0.00	41.47 3.80 0.00	47.20 4.17 0.00	47.54 4.20 0.00	50.53 4.47 0.00	53.50 4.37 0.00	59.40 4.30 0.00	60.11 4.30 0.00	65.31 4.22 0.00	70.75 6.14 0.00	85.10 8.23 0.00	100.50 11.09 0.00	99.97 9.99 0.00	93.47 9.03 0.00	81.39 6.24 0.00	69.02 4.52 0.00	59.63 4.16 0.00	53.90 3.90 0.00
ASTORIA_GT4_1 24102	45.85 4.05 -0.01	40.18 3.35 0.00	36.92 2.95 0.00	34.06 2.70 0.00	33.54 2.57 0.00	34.84 2.58 0.00	37.80 3.12 0.00	41.47 3.80 0.00	47.20 4.17 0.00	47.54 4.20 0.00	50.53 4.47 0.00	53.50 4.37 0.00	59.40 4.30 0.00	60.11 4.30 0.00	65.31 4.22 0.00	70.75 6.14 0.00	85.10 8.23 0.00	100.50 11.09 0.00	99.97 9.99 0.00	93.47 9.03 0.00	81.39 6.24 0.00	69.02 4.52 0.00	59.63 4.16 0.00	53.90 3.90 0.00
ASTORIA_GT4_2 24103	45.85 4.05 -0.01	40.18 3.35 0.00	36.92 2.95 0.00	34.06 2.70 0.00	33.54 2.57 0.00	34.84 2.58 0.00	37.80 3.12 0.00	41.47 3.80 0.00	47.20 4.17 0.00	47.54 4.20 0.00	50.53 4.47 0.00	53.50 4.37 0.00	59.40 4.30 0.00	60.11 4.30 0.00	65.31 4.22 0.00	70.75 6.14 0.00	85.10 8.23 0.00	100.50 11.09 0.00	99.97 9.99 0.00	93.47 9.03 0.00	81.39 6.24 0.00	69.02 4.52 0.00	59.63 4.16 0.00	53.90 3.90 0.00
ASTORIA_GT4_3 24104	45.85 4.05 -0.01	40.18 3.35 0.00	36.92 2.95 0.00	34.06 2.70 0.00	33.54 2.57 0.00	34.84 2.58 0.00	37.80 3.12 0.00	41.47 3.80 0.00	47.20 4.17 0.00	47.54 4.20 0.00	50.53 4.47 0.00	53.50 4.37 0.00	59.40 4.30 0.00	60.11 4.30 0.00	65.31 4.22 0.00	70.75 6.14 0.00	85.10 8.23 0.00	100.50 11.09 0.00	99.97 9.99 0.00	93.47 9.03 0.00	81.39 6.24 0.00	69.02 4.52 0.00	59.63 4.16 0.00	53.90 3.90 0.00

ASTORIA_GT4_4 24105	45.85 4.05 -0.01	40.18 3.35 0.00	36.92 2.95 0.00	34.06 2.70 0.00	33.54 2.57 0.00	34.84 2.58 0.00	37.80 3.12 0.00	41.47 3.80 0.00	47.20 4.17 0.00	47.54 4.20 0.00	50.53 4.47 0.00	53.50 4.37 0.00	59.40 4.30 0.00	60.11 4.30 0.00	65.31 4.22 0.00	70.75 6.14 0.00	85.10 8.23 0.00	100.50 11.09 0.00	99.97 9.99 0.00	93.47 9.03 0.00	81.39 6.24 0.00	69.02 4.52 0.00	59.63 4.16 0.00	53.90 3.90 0.00
ASTORIA_GT_1 23523	45.93 4.14 -0.01	40.25 3.42 0.00	36.99 3.02 0.00	34.12 2.76 0.00	33.60 2.63 0.00	34.91 2.65 0.00	37.87 3.19 0.00	41.54 3.88 0.00	47.29 4.26 0.00	47.67 4.33 0.00	50.67 4.61 0.00	53.65 4.52 0.00	59.56 4.46 0.00	60.28 4.46 0.00	65.50 4.40 0.00	70.94 6.33 0.00	85.33 8.46 0.00	100.86 11.45 0.00	100.24 10.26 0.00	93.73 9.29 0.00	81.62 6.46 0.00	69.15 4.64 0.00	59.79 4.33 0.00	54.05 4.05 0.00
ASTORIA_GT_10 24110	45.81 4.01 -0.01	40.29 3.46 0.00	37.02 3.06 0.00	34.18 2.82 0.00	33.66 2.69 0.00	35.00 2.74 0.00	37.91 3.23 0.00	41.58 3.92 0.00	47.29 4.26 0.00	47.71 4.38 0.00	50.62 4.56 0.00	53.55 4.42 0.00	59.62 4.52 0.00	60.22 4.41 0.00	65.37 4.28 0.00	70.49 5.88 0.00	84.71 7.84 0.00	100.06 10.64 0.00	99.52 9.54 0.00	92.97 8.53 0.00	81.02 5.86 0.00	68.76 4.26 0.00	59.74 4.27 0.00	53.95 3.95 0.00
ASTORIA_GT_11 24225	45.81 4.01 -0.01	40.29 3.46 0.00	37.02 3.06 0.00	34.18 2.82 0.00	33.66 2.69 0.00	35.00 2.74 0.00	37.91 3.23 0.00	41.58 3.92 0.00	47.29 4.26 0.00	47.71 4.38 0.00	50.62 4.56 0.00	53.55 4.42 0.00	59.62 4.52 0.00	60.22 4.41 0.00	65.37 4.28 0.00	70.49 5.88 0.00	84.71 7.84 0.00	100.06 10.64 0.00	99.52 9.54 0.00	92.97 8.53 0.00	81.02 5.86 0.00	68.76 4.26 0.00	59.74 4.27 0.00	53.95 3.95 0.00
ASTORIA_GT_12 24226	45.81 4.01 -0.01	40.29 3.46 0.00	37.02 3.06 0.00	34.18 2.82 0.00	33.66 2.69 0.00	35.00 2.74 0.00	37.91 3.23 0.00	41.58 3.92 0.00	47.29 4.26 0.00	47.71 4.38 0.00	50.62 4.56 0.00	53.55 4.42 0.00	59.62 4.52 0.00	60.22 4.41 0.00	65.37 4.28 0.00	70.49 5.88 0.00	84.71 7.84 0.00	100.06 10.64 0.00	99.52 9.54 0.00	92.97 8.53 0.00	81.02 5.86 0.00	68.76 4.26 0.00	59.74 4.27 0.00	53.95 3.95 0.00
ASTORIA_GT_13 24227	45.81 4.01 -0.01	40.29 3.46 0.00	37.02 3.06 0.00	34.18 2.82 0.00	33.66 2.69 0.00	35.00 2.74 0.00	37.91 3.23 0.00	41.58 3.92 0.00	47.29 4.26 0.00	47.71 4.38 0.00	50.62 4.56 0.00	53.55 4.42 0.00	59.62 4.52 0.00	60.22 4.41 0.00	65.37 4.28 0.00	70.49 5.88 0.00	84.71 7.84 0.00	100.06 10.64 0.00	99.52 9.54 0.00	92.97 8.53 0.00	81.02 5.86 0.00	68.76 4.26 0.00	59.74 4.27 0.00	53.95 3.95 0.00
ASTORIA_GT_5 24106	45.93 4.14 -0.01	40.25 3.42 0.00	36.99 3.02 0.00	34.12 2.76 0.00	33.60 2.63 0.00	34.91 2.65 0.00	37.87 3.19 0.00	41.54 3.88 0.00	47.29 4.26 0.00	47.67 4.33 0.00	50.67 4.61 0.00	53.65 4.52 0.00	59.56 4.46 0.00	60.28 4.46 0.00	65.50 4.40 0.00	70.94 6.33 0.00	85.33 8.46 0.00	100.86 11.45 0.00	100.24 10.26 0.00	93.73 9.29 0.00	81.62 6.46 0.00	69.15 4.64 0.00	59.79 4.33 0.00	54.05 4.05 0.00
ASTORIA_GT_7 24107	45.93 4.14 -0.01	40.25 3.42 0.00	36.99 3.02 0.00	34.12 2.76 0.00	33.60 2.63 0.00	34.91 2.65 0.00	37.87 3.19 0.00	41.54 3.88 0.00	47.29 4.26 0.00	47.67 4.33 0.00	50.67 4.61 0.00	53.65 4.52 0.00	59.56 4.46 0.00	60.28 4.46 0.00	65.50 4.40 0.00	70.94 6.33 0.00	85.33 8.46 0.00	100.86 11.45 0.00	100.24 10.26 0.00	93.73 9.29 0.00	81.62 6.46 0.00	69.15 4.64 0.00	59.79 4.33 0.00	54.05 4.05 0.00
ASTORIA_GT_8 24108	45.93 4.14 -0.01	40.25 3.42 0.00	36.99 3.02 0.00	34.12 2.76 0.00	33.60 2.63 0.00	34.91 2.65 0.00	37.87 3.19 0.00	41.54 3.88 0.00	47.29 4.26 0.00	47.67 4.33 0.00	50.67 4.61 0.00	53.65 4.52 0.00	59.56 4.46 0.00	60.28 4.46 0.00	65.50 4.40 0.00	70.94 6.33 0.00	85.33 8.46 0.00	100.86 11.45 0.00	100.24 10.26 0.00	93.73 9.29 0.00	81.62 6.46 0.00	69.15 4.64 0.00	59.79 4.33 0.00	54.05 4.05 0.00
ASTORIA___2 24149	45.85 4.05 -0.01	40.18 3.35 0.00	36.99 3.02 -0.01	34.06 2.70 0.00	33.54 2.57 0.00	34.84 2.58 0.00	37.77 3.09 -0.01	41.47 3.80 -0.01	47.13 4.09 -0.01	47.42 4.07 -0.01	50.35 4.28 -0.01	53.50 4.37 0.00	59.39 4.30 0.01	60.11 4.30 0.00	65.30 4.21 0.01	70.67 6.07 0.01	85.02 8.14 0.00	100.59 11.18 0.00	99.96 9.99 0.01	93.47 9.04 0.01	81.23 6.08 0.01	68.95 4.45 0.01	59.63 4.16 0.00	53.85 3.85 0.00
ASTORIA___3 23516	45.81 4.01 -0.01	40.29 3.46 0.00	37.09 3.12 -0.01	34.18 2.82 0.00	33.66 2.69 0.00	35.00 2.74 0.00	37.88 3.19 -0.01	41.59 3.92 -0.01	47.26 4.22 -0.01	47.60 4.25 -0.01	50.45 4.38 -0.01	53.60 4.47 0.00	59.62 4.52 0.00	60.22 4.41 0.00	65.37 4.28 0.01	70.48 5.88 0.01	84.72 7.84 0.00	100.14 10.73 0.00	99.50 9.53 0.01	92.95 8.52 0.01	80.86 5.71 0.01	68.69 4.19 0.01	59.74 4.27 0.00	53.90 3.90 0.00
ASTORIA___4 23517	45.81 4.01 -0.01	40.29 3.46 0.00	37.02 3.06 0.00	34.18 2.82 0.00	33.66 2.69 0.00	35.00 2.74 0.00	37.91 3.23 0.00	41.58 3.92 0.00	47.29 4.26 0.00	47.71 4.38 0.00	50.62 4.56 0.00	53.55 4.42 0.00	59.62 4.52 0.00	60.22 4.41 0.00	65.37 4.28 0.00	70.49 5.88 0.00	84.71 7.84 0.00	100.06 10.64 0.00	99.52 9.54 0.00	92.97 8.53 0.00	81.02 5.86 0.00	68.76 4.26 0.00	59.74 4.27 0.00	53.95 3.95 0.00
ASTORIA___5 23518	45.81 4.01 -0.01	40.29 3.46 0.00	37.09 3.12 -0.01	34.18 2.82 0.00	33.66 2.69 0.00	35.00 2.74 0.00	37.88 3.19 -0.01	41.59 3.92 -0.01	47.26 4.22 -0.01	47.60 4.25 -0.01	50.45 4.38 -0.01	53.60 4.47 0.00	59.62 4.52 0.00	60.22 4.41 0.00	65.37 4.28 0.01	70.48 5.88 0.01	84.72 7.84 0.00	100.14 10.73 0.00	99.50 9.53 0.01	92.95 8.52 0.01	80.86 5.71 0.01	68.69 4.19 0.01	59.74 4.27 0.00	53.90 3.90 0.00
AST_ENERGY_2_CC3 323677	33.22 3.84 12.41	33.22 3.35 6.96	33.22 2.92 3.66	33.22 2.66 0.81	33.22 2.57 0.32	33.22 2.71 1.75	33.22 3.02 4.48	33.22 3.73 8.17	33.22 4.00 13.81	33.22 4.03 14.15	36.16 4.10 14.00	36.16 4.23 17.19	36.16 4.46 23.40	36.16 4.30 23.95	39.62 4.64 26.12	47.29 6.34 23.66	61.18 8.23 23.92	82.90 11.18 17.69	76.63 10.08 23.42	74.82 9.04 18.66	54.61 6.16 26.71	45.36 4.51 23.66	36.42 4.33 23.38	36.16 3.85 17.69
AST_ENERGY_2_CC4 323678	33.22 3.84 12.41	33.22 3.35 6.96	33.22 2.92 3.66	33.22 2.66 0.81	33.22 2.57 0.32	33.22 2.71 1.75	33.22 3.02 4.48	33.22 3.73 8.17	33.22 4.00 13.81	33.22 4.03 14.15	36.16 4.10 14.00	36.16 4.23 17.19	36.16 4.46 23.40	36.16 4.30 23.95	39.62 4.64 26.12	47.29 6.34 23.66	61.18 8.23 23.92	82.90 11.18 17.69	76.63 10.08 23.42	74.82 9.04 18.66	54.61 6.16 26.71	45.36 4.51 23.66	36.42 4.33 23.38	36.16 3.85 17.69

ATHENS_STG_1 23668	43.54 1.75 0.00	38.41 1.58 0.00	35.36 1.39 0.00	32.71 1.35 0.00	32.27 1.30 0.00	33.61 1.35 0.00	36.07 1.39 0.00	39.32 1.66 0.00	44.70 1.68 0.00	44.90 1.56 0.00	47.63 1.57 0.00	50.70 1.57 0.00	56.81 1.71 0.00	57.43 1.62 0.00	62.87 1.77 0.00	67.20 2.59 0.00	80.41 3.54 0.00	94.51 5.09 0.00	94.65 4.68 0.00	88.57 4.14 0.00	77.94 2.78 0.00	66.63 2.13 0.00	57.30 1.83 0.00	51.70 1.70 0.00
ATHENS_STG_2 23670	43.54 1.75 0.00	38.41 1.58 0.00	35.36 1.39 0.00	32.71 1.35 0.00	32.27 1.30 0.00	33.61 1.35 0.00	36.07 1.39 0.00	39.32 1.66 0.00	44.70 1.68 0.00	44.90 1.56 0.00	47.63 1.57 0.00	50.70 1.57 0.00	56.81 1.71 0.00	57.43 1.62 0.00	62.87 1.77 0.00	67.20 2.59 0.00	80.41 3.54 0.00	94.51 5.09 0.00	94.65 4.68 0.00	88.57 4.14 0.00	77.94 2.78 0.00	66.63 2.13 0.00	57.30 1.83 0.00	51.70 1.70 0.00
ATHENS_STG_3 23677	43.54 1.75 0.00	38.41 1.58 0.00	35.36 1.39 0.00	32.71 1.35 0.00	32.27 1.30 0.00	33.61 1.35 0.00	36.07 1.39 0.00	39.32 1.66 0.00	44.70 1.68 0.00	44.90 1.56 0.00	47.63 1.57 0.00	50.70 1.57 0.00	56.81 1.71 0.00	57.43 1.62 0.00	62.87 1.77 0.00	67.20 2.59 0.00	80.41 3.54 0.00	94.51 5.09 0.00	94.65 4.68 0.00	88.57 4.14 0.00	77.94 2.78 0.00	66.63 2.13 0.00	57.30 1.83 0.00	51.70 1.70 0.00
AUBURN___LFGE 323710	42.21 0.42 0.00	37.16 0.33 0.00	34.30 0.34 0.00	31.61 0.25 0.00	31.25 0.28 0.00	32.62 0.35 0.00	34.89 0.21 0.00	37.89 0.23 0.00	43.24 0.22 0.00	43.68 0.35 0.00	46.61 0.55 0.00	49.96 0.84 0.00	56.37 1.27 0.00	57.32 1.51 0.00	62.63 1.53 0.00	66.23 1.62 0.00	79.33 2.46 0.00	92.63 3.22 0.00	93.49 3.51 0.00	87.90 3.46 0.00	77.56 2.40 0.00	66.83 2.32 0.00	56.80 1.33 0.00	50.85 0.85 0.00
BABYLON_RES_REC 323704	47.43 4.89 -0.75	41.10 4.27 -0.01	37.74 3.77 -0.01	34.68 3.32 0.00	34.01 3.04 0.00	35.45 3.19 0.00	38.35 3.67 0.00	42.23 4.56 -0.01	47.68 4.65 0.00	48.07 4.72 -0.01	50.95 4.88 -0.01	53.90 4.76 -0.01	59.29 4.19 0.00	59.66 3.85 0.00	65.74 4.64 0.00	77.29 6.72 -5.96	94.71 8.76 -9.07	103.47 11.99 -2.07	102.46 11.16 -1.33	94.59 9.87 -0.28	81.54 6.38 0.00	69.41 4.90 0.00	60.80 4.71 -0.62	53.85 3.85 0.00
BALL_HILL_WT_PWR 323825	42.21 0.42 0.00	37.27 0.44 0.00	34.57 0.61 0.00	31.77 0.41 0.00	31.25 0.28 0.00	32.74 0.48 0.00	34.33 -0.35 0.00	36.65 -1.02 0.00	41.95 -1.07 0.00	43.38 0.04 0.00	46.80 0.73 0.00	49.87 0.74 0.00	57.25 2.15 0.00	58.93 3.12 0.00	63.97 2.87 0.00	66.87 2.26 0.00	79.95 3.08 0.00	92.81 3.40 0.00	93.48 3.51 0.00	87.98 3.55 0.00	77.19 2.03 0.00	66.76 2.26 0.00	56.69 1.22 0.00	50.90 0.90 0.00
BARON_WINDS___WT_PWR 323822	42.42 0.63 0.00	37.41 0.59 0.00	34.64 0.68 0.00	31.86 0.50 0.00	31.40 0.43 0.00	32.87 0.61 0.00	34.65 -0.03 0.00	37.10 -0.56 0.00	42.25 -0.77 0.00	43.21 -0.13 0.00	46.34 0.28 0.00	49.28 0.15 0.00	56.20 1.10 0.00	57.54 1.73 0.00	62.68 1.59 0.00	65.90 1.29 0.00	78.87 2.00 0.00	91.83 2.42 0.00	92.77 2.79 0.00	87.47 3.04 0.00	77.11 1.95 0.00	66.57 2.06 0.00	56.41 0.94 0.00	50.60 0.60 0.00
BARRETT_IC_1 23704	46.85 4.31 -0.75	40.70 3.87 -0.01	37.40 3.43 -0.01	34.44 3.08 0.00	33.79 2.82 0.00	35.23 2.97 0.00	38.08 3.40 0.00	41.85 4.18 -0.01	47.20 4.17 0.00	47.55 4.20 -0.01	50.35 4.28 -0.01	53.45 4.32 0.00	59.34 4.24 0.00	59.83 4.02 0.00	65.80 4.70 0.00	143.19 6.66 -71.92	194.83 8.53 -109.42	112.05 11.45 -11.19	100.51 10.52 -0.01	97.29 9.54 -3.31	81.39 6.23 0.00	69.47 4.97 0.00	67.76 5.10 -7.19	54.23 4.15 -0.08
BARRETT_IC_10 23701	46.85 4.31 -0.75	40.70 3.87 -0.01	37.40 3.43 -0.01	34.44 3.08 0.00	33.79 2.82 0.00	35.23 2.97 0.00	38.08 3.40 0.00	41.85 4.18 -0.01	47.20 4.17 0.00	47.55 4.20 -0.01	50.35 4.28 -0.01	53.45 4.32 0.00	59.34 4.24 0.00	59.83 4.02 0.00	65.80 4.70 0.00	93.18 6.66 -21.92	118.75 8.53 -33.34	104.28 11.45 -3.41	100.51 10.52 -0.01	94.99 9.54 -1.02	81.39 6.23 0.00	69.47 4.97 0.00	67.76 5.10 -7.19	54.23 4.15 -0.08
BARRETT_IC_11 23702	46.85 4.31 -0.75	40.70 3.87 -0.01	37.40 3.43 -0.01	34.44 3.08 0.00	33.79 2.82 0.00	35.23 2.97 0.00	38.08 3.40 0.00	41.85 4.18 -0.01	47.20 4.17 0.00	47.55 4.20 -0.01	50.35 4.28 -0.01	53.45 4.32 0.00	59.34 4.24 0.00	59.83 4.02 0.00	65.80 4.70 0.00	93.18 6.66 -21.92	118.75 8.53 -33.34	104.28 11.45 -3.41	100.51 10.52 -0.01	94.99 9.54 -1.02	81.39 6.23 0.00	69.47 4.97 0.00	67.76 5.10 -7.19	54.23 4.15 -0.08
BARRETT_IC_12 23703	46.85 4.31 -0.75	40.70 3.87 -0.01	37.40 3.43 -0.01	34.44 3.08 0.00	33.79 2.82 0.00	35.23 2.97 0.00	38.08 3.40 0.00	41.85 4.18 -0.01	47.20 4.17 0.00	47.55 4.20 -0.01	50.35 4.28 -0.01	53.45 4.32 0.00	59.34 4.24 0.00	59.83 4.02 0.00	65.80 4.70 0.00	93.18 6.66 -21.92	118.75 8.53 -33.34	104.28 11.45 -3.41	100.51 10.52 -0.01	94.99 9.54 -1.02	81.39 6.23 0.00	69.47 4.97 0.00	67.76 5.10 -7.19	54.23 4.15 -0.08
BARRETT_IC_2 23705	46.85 4.31 -0.75	40.70 3.87 -0.01	37.40 3.43 -0.01	34.44 3.08 0.00	33.79 2.82 0.00	35.23 2.97 0.00	38.08 3.40 0.00	41.85 4.18 -0.01	47.20 4.17 0.00	47.55 4.20 -0.01	50.35 4.28 -0.01	53.45 4.32 0.00	59.34 4.24 0.00	59.83 4.02 0.00	65.80 4.70 0.00	143.19 6.66 -71.92	194.83 8.53 -109.42	112.05 11.45 -11.19	100.51 10.52 -0.01	97.29 9.54 -3.31	81.39 6.23 0.00	69.47 4.97 0.00	67.76 5.10 -7.19	54.23 4.15 -0.08
BARRETT_IC_3 23706	46.85 4.31 -0.75	40.70 3.87 -0.01	37.40 3.43 -0.01	34.44 3.08 0.00	33.79 2.82 0.00	35.23 2.97 0.00	38.08 3.40 0.00	41.85 4.18 -0.01	47.20 4.17 0.00	47.55 4.20 -0.01	50.35 4.28 -0.01	53.45 4.32 0.00	59.34 4.24 0.00	59.83 4.02 0.00	65.80 4.70 0.00	143.19 6.66 -71.92	194.83 8.53 -109.42	112.05 11.45 -11.19	100.51 10.52 -0.01	97.29 9.54 -3.31	81.39 6.23 0.00	69.47 4.97 0.00	67.76 5.10 -7.19	54.23 4.15 -0.08
BARRETT_IC_4 23707	46.85 4.31 -0.75	40.70 3.87 -0.01	37.40 3.43 -0.01	34.44 3.08 0.00	33.79 2.82 0.00	35.23 2.97 0.00	38.08 3.40 0.00	41.85 4.18 -0.01	47.20 4.17 0.00	47.55 4.20 -0.01	50.35 4.28 -0.01	53.45 4.32 0.00	59.34 4.24 0.00	59.83 4.02 0.00	65.80 4.70 0.00	143.19 6.66 -71.92	194.83 8.53 -109.42	112.05 11.45 -11.19	100.51 10.52 -0.01	97.29 9.54 -3.31	81.39 6.23 0.00	69.47 4.97 0.00	67.76 5.10 -7.19	54.23 4.15 -0.08
BARRETT_IC_5 23708	46.85 4.31 -0.75	40.70 3.87 -0.01	37.40 3.43 -0.01	34.44 3.08 0.00	33.79 2.82 0.00	35.23 2.97 0.00	38.08 3.40 0.00	41.85 4.18 -0.01	47.20 4.17 0.00	47.55 4.20 -0.01	50.35 4.28 -0.01	53.45 4.32 0.00	59.34 4.24 0.00	59.83 4.02 0.00	65.80 4.70 0.00	143.19 6.66 -71.92	194.83 8.53 -109.42	112.05 11.45 -11.19	100.51 10.52 -0.01	97.29 9.54 -3.31	81.39 6.23 0.00	69.47 4.97 0.00	67.76 5.10 -7.19	54.23 4.15 -0.08

BARRETT_IC_6 23709	46.85 4.31 -0.75	40.70 3.87 -0.01	37.40 3.43 -0.01	34.44 3.08 0.00	33.79 2.82 0.00	35.23 2.97 0.00	38.08 3.40 0.00	41.85 4.18 -0.01	47.20 4.17 0.00	47.55 4.20 -0.01	50.35 4.28 -0.01	53.45 4.32 0.00	59.34 4.24 0.00	59.83 4.02 0.00	65.80 4.70 0.00	143.19 6.66 -71.92	194.83 8.53 -109.42	112.05 11.45 -11.19	100.51 10.52 -0.01	97.29 9.54 -3.31	81.39 6.23 0.00	69.47 4.97 0.00	67.76 5.10 -7.19	54.23 4.15 -0.08
BARRETT_IC_7 23710	46.85 4.30 -0.75	40.69 3.87 0.00	37.32 3.36 0.00	34.43 3.07 0.00	33.79 2.82 0.00	35.23 2.97 0.00	38.08 3.40 0.00	41.84 4.18 0.00	47.37 4.35 0.00	47.76 4.42 0.00	50.53 4.47 0.00	53.06 3.93 0.00	59.29 4.19 0.00	59.94 4.13 0.00	65.80 4.70 0.00	143.18 6.65 -71.92	194.83 8.53 -109.42	111.87 11.27 -11.19	100.51 10.53 0.00	97.29 9.54 -3.31	81.92 6.76 0.00	69.47 4.97 0.00	67.76 5.10 -7.19	54.38 4.30 -0.08
BARRETT_IC_8 23711	46.85 4.31 -0.75	40.70 3.87 -0.01	37.40 3.43 -0.01	34.44 3.08 0.00	33.79 2.82 0.00	35.23 2.97 0.00	38.08 3.40 0.00	41.85 4.18 -0.01	47.20 4.17 0.00	47.55 4.20 -0.01	50.35 4.28 -0.01	53.45 4.32 0.00	59.34 4.24 0.00	59.83 4.02 0.00	65.80 4.70 0.00	143.19 6.66 -71.92	194.83 8.53 -109.42	112.05 11.45 -11.19	100.51 10.52 -0.01	97.29 9.54 -3.31	81.39 6.23 0.00	69.47 4.97 0.00	67.76 5.10 -7.19	54.23 4.15 -0.08
BARRETT_IC_9 23700	46.85 4.31 -0.75	40.70 3.87 -0.01	37.40 3.43 -0.01	34.44 3.08 0.00	33.79 2.82 0.00	35.23 2.97 0.00	38.08 3.40 0.00	41.85 4.18 -0.01	47.20 4.17 0.00	47.55 4.20 -0.01	50.35 4.28 -0.01	53.45 4.32 0.00	59.34 4.24 0.00	59.83 4.02 0.00	65.80 4.70 0.00	93.18 6.66 -21.92	118.75 8.53 -33.34	104.28 11.45 -3.41	100.51 10.52 -0.01	94.99 9.54 -1.02	81.39 6.23 0.00	69.47 4.97 0.00	67.76 5.10 -7.19	54.23 4.15 -0.08
BARRETT___1 23545	46.85 4.31 -0.75	40.70 3.87 -0.01	37.40 3.43 -0.01	34.44 3.08 0.00	33.79 2.82 0.00	35.23 2.97 0.00	38.08 3.40 0.00	41.85 4.18 -0.01	47.20 4.17 0.00	47.55 4.20 -0.01	50.35 4.28 -0.01	53.45 4.32 0.00	59.34 4.24 0.00	59.83 4.02 0.00	65.80 4.70 0.00	143.19 6.66 -71.92	194.83 8.53 -109.42	112.05 11.45 -11.19	100.51 10.52 -0.01	97.29 9.54 -3.31	81.39 6.23 0.00	69.47 4.97 0.00	67.76 5.10 -7.19	54.23 4.15 -0.08
BARRETT___2 23546	46.85 4.31 -0.75	40.70 3.87 -0.01	37.40 3.43 -0.01	34.44 3.08 0.00	33.79 2.82 0.00	35.23 2.97 0.00	38.08 3.40 0.00	41.85 4.18 -0.01	47.20 4.17 0.00	47.55 4.20 -0.01	50.35 4.28 -0.01	53.45 4.32 0.00	59.34 4.24 0.00	59.83 4.02 0.00	65.80 4.70 0.00	93.18 6.66 -21.92	118.75 8.53 -33.34	104.28 11.45 -3.41	100.51 10.52 -0.01	94.99 9.54 -1.02	81.39 6.23 0.00	69.47 4.97 0.00	67.76 5.10 -7.19	54.23 4.15 -0.08
BATAVIA___115KV_TB1 55881	42.79 1.00 0.00	37.82 0.99 0.00	34.74 0.78 0.00	32.21 0.85 0.00	31.71 0.74 0.00	33.23 0.97 0.00	34.85 0.17 0.00	37.32 -0.34 0.00	42.55 -0.47 0.00	43.77 0.43 0.00	46.98 0.92 0.00	50.55 1.42 0.00	58.30 3.20 0.00	60.05 4.24 0.00	65.13 4.03 0.00	67.71 3.10 0.00	81.49 4.61 0.00	95.23 5.81 0.00	95.47 5.49 0.00	90.18 5.74 0.00	78.76 3.61 0.00	68.51 4.00 0.00	57.96 2.50 0.00	51.95 1.95 0.00
BAYONEEC___CTG1 323682	45.59 3.80 0.00	40.18 3.35 0.00	36.88 2.92 0.00	34.03 2.66 0.00	33.51 2.54 0.00	34.97 2.71 0.00	37.73 3.05 0.00	41.43 3.77 0.00	47.07 4.04 0.00	47.46 4.12 0.00	50.21 4.15 0.00	53.40 4.27 0.00	59.62 4.52 0.00	60.11 4.30 0.00	65.80 4.70 0.00	70.95 6.34 0.00	85.18 8.30 0.00	100.59 11.18 0.00	100.14 10.16 0.00	93.48 9.04 0.00	81.32 6.16 0.00	69.02 4.51 0.00	59.74 4.27 0.00	53.85 3.85 0.00
BAYONEEC___CTG10 323750	45.59 3.80 0.00	40.18 3.35 0.00	36.88 2.92 0.00	34.03 2.66 0.00	33.51 2.54 0.00	34.97 2.71 0.00	37.73 3.05 0.00	41.43 3.77 0.00	47.07 4.04 0.00	47.46 4.12 0.00	50.21 4.15 0.00	53.40 4.27 0.00	59.62 4.52 0.00	60.11 4.30 0.00	65.80 4.70 0.00	70.95 6.34 0.00	85.18 8.30 0.00	100.59 11.18 0.00	100.14 10.16 0.00	93.48 9.04 0.00	81.32 6.16 0.00	69.02 4.51 0.00	59.74 4.27 0.00	53.85 3.85 0.00
BAYONEEC___CTG2 323683	45.59 3.80 0.00	40.18 3.35 0.00	36.88 2.92 0.00	34.03 2.66 0.00	33.51 2.54 0.00	34.97 2.71 0.00	37.73 3.05 0.00	41.43 3.77 0.00	47.07 4.04 0.00	47.46 4.12 0.00	50.21 4.15 0.00	53.40 4.27 0.00	59.62 4.52 0.00	60.11 4.30 0.00	65.80 4.70 0.00	70.95 6.34 0.00	85.18 8.30 0.00	100.59 11.18 0.00	100.14 10.16 0.00	93.48 9.04 0.00	81.32 6.16 0.00	69.02 4.51 0.00	59.74 4.27 0.00	53.85 3.85 0.00
BAYONEEC___CTG3 323684	45.59 3.80 0.00	40.18 3.35 0.00	36.88 2.92 0.00	34.03 2.66 0.00	33.51 2.54 0.00	34.97 2.71 0.00	37.73 3.05 0.00	41.43 3.77 0.00	47.07 4.04 0.00	47.46 4.12 0.00	50.21 4.15 0.00	53.40 4.27 0.00	59.62 4.52 0.00	60.11 4.30 0.00	65.80 4.70 0.00	70.95 6.34 0.00	85.18 8.30 0.00	100.59 11.18 0.00	100.14 10.16 0.00	93.48 9.04 0.00	81.32 6.16 0.00	69.02 4.51 0.00	59.74 4.27 0.00	53.85 3.85 0.00
BAYONEEC___CTG4 323685	45.59 3.80 0.00	40.18 3.35 0.00	36.88 2.92 0.00	34.03 2.66 0.00	33.51 2.54 0.00	34.97 2.71 0.00	37.73 3.05 0.00	41.43 3.77 0.00	47.07 4.04 0.00	47.46 4.12 0.00	50.21 4.15 0.00	53.40 4.27 0.00	59.62 4.52 0.00	60.11 4.30 0.00	65.80 4.70 0.00	70.95 6.34 0.00	85.18 8.30 0.00	100.59 11.18 0.00	100.14 10.16 0.00	93.48 9.04 0.00	81.32 6.16 0.00	69.02 4.51 0.00	59.74 4.27 0.00	53.85 3.85 0.00
BAYONEEC___CTG5 323686	45.59 3.80 0.00	40.18 3.35 0.00	36.88 2.92 0.00	34.03 2.66 0.00	33.51 2.54 0.00	34.97 2.71 0.00	37.73 3.05 0.00	41.43 3.77 0.00	47.07 4.04 0.00	47.46 4.12 0.00	50.21 4.15 0.00	53.40 4.27 0.00	59.62 4.52 0.00	60.11 4.30 0.00	65.80 4.70 0.00	70.95 6.34 0.00	85.18 8.30 0.00	100.59 11.18 0.00	100.14 10.16 0.00	93.48 9.04 0.00	81.32 6.16 0.00	69.02 4.51 0.00	59.74 4.27 0.00	53.85 3.85 0.00
BAYONEEC___CTG6 323687	45.59 3.80 0.00	40.18 3.35 0.00	36.88 2.92 0.00	34.03 2.66 0.00	33.51 2.54 0.00	34.97 2.71 0.00	37.73 3.05 0.00	41.43 3.77 0.00	47.07 4.04 0.00	47.46 4.12 0.00	50.21 4.15 0.00	53.40 4.27 0.00	59.62 4.52 0.00	60.11 4.30 0.00	65.80 4.70 0.00	70.95 6.34 0.00	85.18 8.30 0.00	100.59 11.18 0.00	100.14 10.16 0.00	93.48 9.04 0.00	81.32 6.16 0.00	69.02 4.51 0.00	59.74 4.27 0.00	53.85 3.85 0.00
BAYONEEC___CTG7 323688	45.59 3.80 0.00	40.18 3.35 0.00	36.88 2.92 0.00	34.03 2.66 0.00	33.51 2.54 0.00	34.97 2.71 0.00	37.73 3.05 0.00	41.43 3.77 0.00	47.07 4.04 0.00	47.46 4.12 0.00	50.21 4.15 0.00	53.40 4.27 0.00	59.62 4.52 0.00	60.11 4.30 0.00	65.80 4.70 0.00	70.95 6.34 0.00	85.18 8.30 0.00	100.59 11.18 0.00	100.14 10.16 0.00	93.48 9.04 0.00	81.32 6.16 0.00	69.02 4.51 0.00	59.74 4.27 0.00	53.85 3.85 0.00

BAYONEEC___CTG8 323689	45.59 3.80 0.00	40.18 3.35 0.00	36.88 2.92 0.00	34.03 2.66 0.00	33.51 2.54 0.00	34.97 2.71 0.00	37.73 3.05 0.00	41.43 3.77 0.00	47.07 4.04 0.00	47.46 4.12 0.00	50.21 4.15 0.00	53.40 4.27 0.00	59.62 4.52 0.00	60.11 4.30 0.00	65.80 4.70 0.00	70.95 6.34 0.00	85.18 8.30 0.00	100.59 11.18 0.00	100.14 10.16 0.00	93.48 9.04 0.00	81.32 6.16 0.00	69.02 4.51 0.00	59.74 4.27 0.00	53.85 3.85 0.00
BAYONEEC___CTG9 323749	45.59 3.80 0.00	40.18 3.35 0.00	36.88 2.92 0.00	34.03 2.66 0.00	33.51 2.54 0.00	34.97 2.71 0.00	37.73 3.05 0.00	41.43 3.77 0.00	47.07 4.04 0.00	47.46 4.12 0.00	50.21 4.15 0.00	53.40 4.27 0.00	59.62 4.52 0.00	60.11 4.30 0.00	65.80 4.70 0.00	70.95 6.34 0.00	85.18 8.30 0.00	100.59 11.18 0.00	100.14 10.16 0.00	93.48 9.04 0.00	81.32 6.16 0.00	69.02 4.51 0.00	59.74 4.27 0.00	53.85 3.85 0.00
BEACON___LESR 323632	43.09 1.30 0.00	38.00 1.18 0.00	35.05 1.09 0.00	32.43 1.07 0.00	31.99 1.02 0.00	33.29 1.03 0.00	35.76 1.08 0.00	38.76 1.09 0.00	44.06 1.03 0.00	44.20 0.87 0.00	46.71 0.64 0.00	49.72 0.59 0.00	55.54 0.44 0.00	55.98 0.17 0.00	61.28 0.18 0.00	65.64 1.03 0.00	78.49 1.62 0.00	92.36 2.95 0.00	92.86 2.88 0.00	86.89 2.45 0.00	74.38 1.42 2.19	65.53 1.03 0.00	56.08 0.61 0.00	50.65 0.65 0.00
BEAVER RIVER___HYD 24048	42.58 0.79 0.00	37.49 0.66 0.00	34.57 0.61 0.00	31.83 0.47 0.00	31.59 0.62 0.00	33.00 0.74 0.00	35.34 0.66 0.00	38.42 0.75 0.00	43.84 0.82 0.00	43.77 0.43 0.00	46.62 0.55 0.00	49.87 0.74 0.00	55.93 0.83 0.00	56.76 0.95 0.00	61.89 0.79 0.00	65.39 0.78 0.00	78.10 1.23 0.00	94.09 2.32 -2.35	96.24 3.69 -2.57	89.88 4.22 -1.22	78.08 2.93 0.00	67.09 2.58 0.00	57.19 1.72 0.00	51.15 1.15 0.00
BEEBEE_GT_13 23619	42.16 0.38 0.00	37.19 0.37 0.00	34.30 0.34 0.00	31.64 0.28 0.00	31.19 0.22 0.00	32.58 0.32 0.00	34.54 -0.14 0.00	37.25 -0.41 0.00	42.51 -0.52 0.00	43.51 0.17 0.00	46.61 0.55 0.00	50.26 1.13 0.00	57.47 2.37 0.00	58.82 3.01 0.00	64.09 2.99 0.00	67.07 2.46 0.00	80.41 3.54 0.00	93.80 4.38 0.00	93.94 3.96 0.00	88.49 4.05 0.00	77.64 2.48 0.00	67.28 2.77 0.00	57.02 1.55 0.00	51.10 1.10 0.00
BENSHRST_27_KV_BENSHRST_1 355998	46.23 4.43 -0.01	40.66 3.83 0.00	37.29 3.33 0.00	34.40 3.04 0.00	33.88 2.91 0.00	35.20 2.94 0.00	38.08 3.40 0.00	41.81 4.14 0.00	47.46 4.43 0.00	47.93 4.59 0.00	50.85 4.79 0.00	53.84 4.72 0.00	60.00 4.90 0.00	60.61 4.80 0.00	65.80 4.70 0.00	71.14 6.53 0.00	85.56 8.69 0.00	101.04 11.62 0.00	100.51 10.53 0.00	93.98 9.54 0.00	82.07 6.91 0.00	69.60 5.10 0.00	60.07 4.60 0.00	54.25 4.25 0.00
BETHLEHEM___GRP 23843	42.42 0.63 0.00	37.53 0.70 0.00	34.61 0.65 0.00	32.05 0.69 0.00	31.59 0.62 0.00	32.87 0.61 0.00	35.27 0.59 0.00	38.27 0.60 0.00	43.54 0.52 0.00	43.68 0.35 0.00	46.24 0.18 0.00	49.13 0.00 0.00	54.88 -0.22 0.00	55.25 -0.56 0.00	60.49 -0.61 0.00	64.74 0.13 0.00	77.26 0.38 0.00	90.76 1.34 0.00	91.15 1.17 0.00	85.37 0.93 0.00	73.42 0.23 1.96	64.44 -0.06 0.00	55.25 -0.22 0.00	49.90 -0.10 0.00
BETHLEHEM___GS1 323560	42.42 0.63 0.00	37.49 0.66 0.00	34.61 0.64 0.00	32.05 0.69 0.00	31.59 0.62 0.00	32.87 0.61 0.00	35.27 0.59 0.00	38.26 0.60 0.00	43.50 0.47 0.00	43.64 0.31 0.00	46.11 0.05 0.00	49.08 -0.05 0.00	54.88 -0.22 0.00	55.31 -0.50 0.00	60.49 -0.61 0.00	64.67 0.06 0.00	77.26 0.39 0.00	90.76 1.34 0.00	91.15 1.17 0.00	85.37 0.93 0.00	73.35 0.15 1.96	64.44 -0.06 0.00	55.25 -0.22 0.00	49.90 -0.10 0.00
BETHLEHEM___GS2 323561	42.42 0.63 0.00	37.49 0.66 0.00	34.61 0.64 0.00	32.05 0.69 0.00	31.59 0.62 0.00	32.87 0.61 0.00	35.27 0.59 0.00	38.26 0.60 0.00	43.50 0.47 0.00	43.64 0.31 0.00	46.11 0.05 0.00	49.08 -0.05 0.00	54.88 -0.22 0.00	55.31 -0.50 0.00	60.49 -0.61 0.00	64.67 0.06 0.00	77.26 0.39 0.00	90.76 1.34 0.00	91.15 1.17 0.00	85.37 0.93 0.00	73.35 0.15 1.96	64.44 -0.06 0.00	55.25 -0.22 0.00	49.90 -0.10 0.00
BETHLEHEM___GS3 323562	42.42 0.63 0.00	37.49 0.66 0.00	34.61 0.64 0.00	32.05 0.69 0.00	31.59 0.62 0.00	32.87 0.61 0.00	35.27 0.59 0.00	38.26 0.60 0.00	43.50 0.47 0.00	43.64 0.31 0.00	46.11 0.05 0.00	49.08 -0.05 0.00	54.88 -0.22 0.00	55.31 -0.50 0.00	60.49 -0.61 0.00	64.67 0.06 0.00	77.26 0.39 0.00	90.76 1.34 0.00	91.15 1.17 0.00	85.37 0.93 0.00	73.35 0.15 1.96	64.44 -0.06 0.00	55.25 -0.22 0.00	49.90 -0.10 0.00
BETHLEHEM___STEEL 23779	42.04 0.25 0.00	37.12 0.29 0.00	34.17 0.20 0.00	31.64 0.28 0.00	31.13 0.15 0.00	32.62 0.35 0.00	34.16 -0.52 0.00	36.50 -1.17 0.00	41.65 -1.38 0.00	42.86 -0.48 0.00	45.97 -0.09 0.00	49.62 0.49 0.00	57.08 1.98 0.00	58.88 3.07 0.00	63.79 2.69 0.00	66.23 1.62 0.00	79.56 2.69 0.00	92.72 3.31 0.00	93.04 3.06 0.00	87.56 3.12 0.00	76.43 1.28 0.00	66.44 1.94 0.00	56.41 0.94 0.00	50.75 0.75 0.00
BETHLHEM_115KV_TB1 79974	42.54 0.75 0.00	37.60 0.77 0.00	34.68 0.71 0.00	32.11 0.75 0.00	31.65 0.68 0.00	32.94 0.68 0.00	35.34 0.66 0.00	38.34 0.68 0.00	43.63 0.60 0.00	43.81 0.48 0.00	46.38 0.32 0.00	49.32 0.20 0.00	55.10 0.00 0.00	55.48 -0.33 0.00	60.73 -0.37 0.00	64.93 0.32 0.00	77.56 0.69 0.00	91.02 1.61 0.00	91.42 1.44 0.00	85.62 1.18 0.00	73.79 0.45 1.82	64.63 0.13 0.00	55.47 0.00 0.00	50.10 0.10 0.00
BETHPAGE_CC_5 323564	47.10 4.56 -0.75	40.92 4.09 -0.01	37.57 3.60 -0.01	34.56 3.20 0.00	33.91 2.94 0.00	35.36 3.10 0.00	38.22 3.54 0.00	42.08 4.40 -0.01	47.46 4.43 0.00	47.81 4.46 -0.01	50.72 4.65 -0.01	53.70 4.57 0.00	59.62 4.52 0.00	60.05 4.24 0.00	66.11 5.01 0.00	79.01 7.04 -7.35	97.13 9.07 -11.19	103.44 12.25 -1.78	102.06 11.34 -0.74	94.91 10.13 -0.35	81.77 6.62 0.00	69.73 5.22 0.00	61.22 4.93 -0.81	54.05 4.05 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	42.04 0.25 0.00	37.12 0.29 0.00	34.17 0.20 0.00	31.64 0.28 0.00	31.13 0.15 0.00	32.65 0.39 0.00	34.16 -0.52 0.00	36.53 -1.13 0.00	41.69 -1.33 0.00	42.90 -0.43 0.00	46.06 0.00 0.00	49.72 0.59 0.00	57.14 2.04 0.00	58.99 3.18 0.00	63.91 2.81 0.00	66.35 1.74 0.00	79.72 2.84 0.00	92.90 3.49 0.00	93.22 3.24 0.00	87.73 3.29 0.00	76.58 1.43 0.00	66.44 1.94 0.00	56.47 1.00 0.00	50.75 0.75 0.00
BINGHAMTON___COGEN 23790	42.54 0.75 0.00	37.49 0.66 0.00	34.54 0.58 0.00	31.96 0.60 0.00	31.53 0.56 0.00	32.94 0.68 0.00	35.10 0.42 0.00	38.04 0.38 0.00	43.37 0.34 0.00	43.86 0.52 0.00	46.75 0.69 0.00	50.01 0.88 0.00	56.48 1.38 0.00	57.48 1.67 0.00	62.75 1.65 0.00	66.35 1.74 0.00	79.49 2.61 0.00	92.90 3.49 0.00	93.58 3.60 0.00	87.90 3.46 0.00	77.41 2.25 0.00	66.70 2.19 0.00	56.91 1.44 0.00	51.10 1.10 0.00

BIXINCNT_115KV_LOAD 355685	42.08 0.29 0.00	37.16 0.33 0.00	34.13 0.17 0.00	31.61 0.25 0.00	31.06 0.09 0.00	32.62 0.35 0.00	34.12 -0.55 0.00	36.61 -1.05 0.00	41.82 -1.20 0.00	43.03 -0.30 0.00	46.29 0.23 0.00	49.96 0.84 0.00	57.19 2.09 0.00	59.05 3.24 0.00	63.97 2.87 0.00	66.42 1.81 0.00	79.79 2.92 0.00	92.81 3.40 0.00	93.04 3.06 0.00	87.31 2.87 0.00	76.13 0.98 0.00	65.86 1.35 0.00	55.86 0.39 0.00	50.20 0.20 0.00
BLACK RIVER___HYD 24047	42.87 1.08 0.00	37.75 0.92 0.00	34.81 0.85 0.00	32.02 0.66 0.00	31.81 0.84 0.00	33.26 1.00 0.00	35.51 0.83 0.00	38.60 0.94 0.00	44.02 0.99 0.00	43.86 0.52 0.00	46.75 0.69 0.00	50.06 0.93 0.00	56.20 1.10 0.00	57.10 1.28 0.00	62.14 1.04 0.00	65.77 1.16 0.00	78.71 1.84 0.00	94.25 3.21 -1.62	96.70 4.95 -1.77	90.94 5.66 -0.84	79.51 4.36 0.00	68.51 4.00 0.00	58.08 2.61 0.00	51.90 1.90 0.00
BLACKRVR_115KV_TB2 79977	42.87 1.09 0.00	37.75 0.92 0.00	34.78 0.82 0.00	32.02 0.66 0.00	31.81 0.84 0.00	33.26 1.00 0.00	35.51 0.83 0.00	38.60 0.94 0.00	43.97 0.95 0.00	43.81 0.48 0.00	46.71 0.64 0.00	50.06 0.93 0.00	56.20 1.10 0.00	57.09 1.28 0.00	62.14 1.04 0.00	65.77 1.16 0.00	78.64 1.77 0.00	94.35 3.31 -1.62	96.70 4.95 -1.77	90.94 5.66 -0.84	79.44 4.28 0.00	68.44 3.93 0.00	58.08 2.61 0.00	51.85 1.85 0.00
BLDWN_LI_69_KV_BK4 356085	47.31 4.76 -0.75	41.06 4.24 0.00	37.63 3.67 0.00	34.69 3.32 0.00	34.04 3.07 0.00	35.45 3.19 0.00	38.36 3.68 0.00	42.14 4.48 0.00	47.80 4.78 0.00	48.23 4.90 0.00	51.13 5.07 0.00	53.65 4.52 0.00	60.06 4.96 0.00	60.72 4.91 0.00	66.72 5.62 0.00	95.72 7.69 -23.42	121.96 9.46 -35.63	105.58 12.52 -3.65	101.77 11.79 0.00	96.16 10.64 -1.08	82.75 7.59 0.00	70.50 6.00 0.00	63.66 5.71 -2.48	54.77 4.75 -0.02
BLISS_WT_PWR 323608	42.08 0.29 0.00	37.16 0.33 0.00	34.40 0.44 0.00	31.52 0.16 0.00	31.00 0.03 0.00	32.58 0.32 0.00	34.12 -0.56 0.00	36.57 -1.09 0.00	41.91 -1.12 0.00	43.38 0.04 0.00	46.84 0.78 0.00	49.96 0.83 0.00	57.19 2.09 0.00	58.99 3.18 0.00	63.97 2.87 0.00	66.81 2.20 0.00	79.79 2.92 0.00	92.46 3.04 0.00	92.86 2.88 0.00	87.14 2.70 0.00	76.28 1.13 0.00	65.80 1.29 0.00	55.69 0.22 0.00	49.95 -0.05 0.00
BLUESTONE___WT_PWR 323821	44.46 2.68 0.00	39.19 2.36 0.00	36.17 2.21 0.00	33.27 1.91 0.00	33.01 2.04 0.00	34.52 2.26 0.00	36.73 2.05 0.00	39.92 2.26 0.00	45.44 2.41 0.00	45.55 2.21 0.00	48.64 2.58 0.00	52.07 2.95 0.00	58.68 3.58 0.00	59.77 3.96 0.00	65.25 4.16 0.00	69.26 4.65 0.00	83.03 6.15 0.00	97.55 8.14 0.00	98.98 9.00 0.00	93.14 8.70 0.00	81.92 6.77 0.00	70.57 6.06 0.00	59.85 4.38 0.00	53.50 3.50 0.00
BLUE_CIRC_CHEM_DRP 24182	43.04 1.25 0.00	37.97 1.14 0.00	35.02 1.05 0.00	32.40 1.03 0.00	31.96 0.99 0.00	33.23 0.97 0.00	35.62 0.94 0.00	38.53 0.87 0.00	43.76 0.73 0.00	43.90 0.56 0.00	46.52 0.46 0.00	49.47 0.34 0.00	55.26 0.17 0.00	55.51 -0.28 0.02	55.30 -1.41 4.40	58.31 -0.78 5.52	75.27 -0.61 0.99	84.81 0.09 4.70	85.38 0.18 4.78	81.42 0.17 3.18	73.56 -0.30 1.30	64.05 -0.45 0.00	54.97 -0.50 0.00	49.65 -0.35 0.00
BOC_GAS_DRP 24189	42.83 1.04 0.00	37.82 0.99 0.00	34.88 0.92 0.00	32.24 0.88 0.00	31.81 0.84 0.00	33.10 0.84 0.00	35.51 0.83 0.00	38.60 0.94 0.00	43.93 0.90 0.00	44.16 0.82 0.00	46.84 0.78 0.00	49.81 0.69 0.00	55.76 0.66 0.00	56.20 0.39 0.00	61.74 0.37 -0.27	65.92 0.97 -0.35	78.32 1.38 -0.06	92.03 2.32 -0.29	92.44 2.16 -0.30	86.49 1.86 -0.20	75.18 1.05 1.03	65.22 0.71 0.00	56.02 0.55 0.00	50.55 0.55 0.00
BOONVILLE_115KV_TB1 79983	42.92 1.13 0.00	37.78 0.96 0.00	34.85 0.88 0.00	32.11 0.75 0.00	31.84 0.87 0.00	33.23 0.97 0.00	35.58 0.90 0.00	38.68 1.02 0.00	44.15 1.12 0.00	44.20 0.87 0.00	47.07 1.01 0.00	50.36 1.23 0.00	56.53 1.43 0.00	57.37 1.56 0.00	62.69 1.59 0.00	66.35 1.74 0.00	79.26 2.38 0.00	93.88 3.58 -0.89	95.36 4.41 -0.97	89.29 4.39 -0.46	78.31 3.16 0.00	67.28 2.77 0.00	57.35 1.89 0.00	51.40 1.40 0.00
BORALEX_4TH_BRANCH 23824	45.05 3.26 0.00	39.77 2.95 0.00	36.58 2.62 0.00	33.81 2.45 0.00	33.36 2.38 0.00	34.78 2.52 0.00	37.38 2.71 0.00	40.71 3.05 0.00	46.04 3.01 0.00	45.89 2.56 0.00	48.46 2.40 0.00	51.43 2.31 0.01	57.69 2.59 0.00	58.88 3.07 0.00	64.70 3.60 0.00	69.65 5.04 0.00	83.02 6.15 0.00	98.62 9.21 0.00	98.98 9.00 0.00	92.63 8.19 0.00	86.71 6.54 -5.02	69.60 5.10 0.00	59.35 3.88 0.00	53.55 3.55 0.00
BOWLINE___1 23526	44.92 3.14 0.00	39.66 2.84 0.00	36.48 2.51 0.00	33.68 2.32 0.00	33.20 2.23 0.00	34.58 2.32 0.00	37.18 2.50 0.00	40.75 3.09 0.00	46.21 3.18 0.00	46.50 3.16 0.00	49.28 3.22 0.00	52.47 3.34 0.00	58.68 3.58 0.00	59.27 3.46 0.00	64.95 3.85 0.00	69.84 5.23 0.00	83.87 6.99 0.00	99.08 9.66 0.00	98.80 8.82 0.00	92.29 7.85 0.00	80.57 5.41 0.00	68.51 4.00 0.00	59.07 3.60 0.00	53.25 3.25 0.00
BOWLINE___2 23595	44.88 3.09 0.00	39.66 2.84 0.00	36.48 2.51 0.00	33.65 2.29 0.00	33.17 2.20 0.00	34.58 2.32 0.00	37.18 2.50 0.00	40.71 3.05 0.00	46.17 3.14 0.00	46.46 3.12 0.00	49.24 3.18 0.00	52.42 3.29 0.00	58.57 3.47 0.00	59.16 3.35 0.00	64.83 3.73 0.00	69.78 5.17 0.00	83.71 6.84 0.00	98.89 9.47 0.00	98.62 8.64 0.00	92.12 7.68 0.00	80.41 5.26 0.00	68.44 3.94 0.00	59.02 3.55 0.00	53.15 3.15 0.00
BRADY___115KV_TB2 356060	41.96 0.17 0.00	36.94 0.11 0.00	34.13 0.17 0.00	31.49 0.13 0.00	31.19 0.22 0.00	32.36 0.10 0.00	34.92 0.24 0.00	37.81 0.15 0.00	43.50 0.47 0.00	43.60 0.26 0.00	46.29 0.23 0.00	49.23 0.10 0.00	55.10 0.00 0.00	55.75 -0.06 0.00	61.10 0.00 0.00	63.77 -0.84 0.00	75.49 -1.38 0.00	77.51 -3.22 8.68	77.88 -2.61 9.49	78.08 -1.86 4.50	75.08 -0.08 0.00	64.63 0.13 0.00	56.08 0.61 0.00	50.80 0.80 0.00
BRANSCOMB___SOLAR 323811	44.09 2.30 0.00	38.81 1.99 0.00	35.69 1.73 0.00	32.96 1.60 0.00	32.55 1.58 0.00	33.94 1.68 0.00	36.45 1.77 0.00	39.47 1.81 0.00	44.66 1.63 0.00	44.64 1.30 0.00	47.07 1.01 0.00	50.20 1.08 0.00	56.04 0.94 0.00	56.93 1.12 0.00	62.38 1.29 0.00	66.93 2.32 0.00	80.10 3.23 0.00	94.69 5.27 0.00	95.82 5.85 0.00	89.85 5.41 0.00	83.57 4.43 -3.98	68.12 3.61 0.00	58.13 2.66 0.00	52.45 2.45 0.00
BRDGHMPT_69_KV_BK1 55812	48.73 6.18 -0.75	42.09 5.27 0.00	38.55 4.58 0.00	35.47 4.11 0.00	34.66 3.69 0.00	36.13 3.87 0.00	39.15 4.47 0.00	43.20 5.54 0.00	49.09 6.07 0.00	49.75 6.41 0.00	53.11 7.05 0.00	55.37 6.24 0.00	62.05 6.94 0.00	62.74 6.92 0.00	69.10 8.00 0.00	77.46 10.21 -2.64	94.10 13.22 -4.01	149.16 17.08 -42.67	155.43 16.11 -49.35	98.68 14.10 -0.14	84.85 9.70 0.00	71.61 7.10 0.00	61.68 5.94 -0.28	55.30 5.30 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	47.76 5.22 -0.75	41.32 4.49 0.00	37.87 3.91 0.00	34.87 3.51 0.00	34.16 3.19 0.00	35.62 3.36 0.00	38.56 3.88 0.00	42.45 4.78 0.00	48.19 5.16 0.00	48.67 5.33 0.00	51.54 5.48 0.00	53.53 4.37 -0.03	59.93 4.79 -0.03	60.59 4.74 -0.03	66.41 5.32 0.00	75.09 7.37 -3.11	90.78 9.15 -4.76	105.89 12.34 -4.14	105.75 11.52 -4.26	94.89 10.30 -0.15	82.70 7.52 -0.03	70.09 5.55 -0.03	61.10 5.27 -0.36	54.63 4.60 -0.03
BRISTLHL_115KV_TB1 79998	41.12 -0.67 0.00	36.20 -0.63 0.00	33.39 -0.58 0.00	30.80 -0.56 0.00	30.44 -0.53 0.00	31.74 -0.52 0.00	34.02 -0.66 0.00	36.95 -0.72 0.00	42.21 -0.82 0.00	42.56 -0.78 0.00	45.37 -0.69 0.00	48.54 -0.59 0.00	54.60 -0.50 0.00	55.42 -0.39 0.00	60.55 -0.55 0.00	64.09 -0.52 0.00	76.57 -0.31 0.00	89.62 0.00 -0.21	90.38 0.18 -0.23	84.80 0.25 -0.11	74.85 -0.30 0.00	64.38 -0.13 0.00	54.97 -0.50 0.00	49.35 -0.65 0.00
BROOKHAVEN___DRP 24191	47.39 4.85 -0.75	40.95 4.12 0.00	37.49 3.53 0.00	34.50 3.14 0.00	33.79 2.82 0.00	35.23 2.97 0.00	38.15 3.47 0.00	42.03 4.37 0.00	47.67 4.65 0.00	48.15 4.81 0.00	51.13 5.07 0.00	53.16 4.03 0.00	59.46 4.35 0.00	60.06 4.24 0.00	66.23 5.13 0.00	74.35 7.11 -2.63	90.32 9.46 -3.99	143.74 12.61 -41.72	150.10 11.88 -48.24	95.13 10.55 -0.14	82.30 7.14 0.00	69.73 5.22 0.00	60.40 4.66 -0.27	54.10 4.10 0.00
BROOKLYN_NAVY_YARD 23515	45.63 3.84 0.00	40.21 3.39 0.00	36.95 2.99 0.00	34.06 2.70 0.00	33.57 2.60 0.00	35.00 2.74 0.00	37.77 3.09 0.00	41.51 3.84 0.00	47.16 4.13 0.00	47.54 4.20 0.00	50.25 4.19 0.00	53.45 4.32 0.00	59.67 4.57 0.00	60.22 4.41 0.00	65.92 4.83 0.00	71.13 6.52 0.00	85.40 8.53 0.00	100.95 11.54 0.00	100.41 10.43 0.00	93.73 9.29 0.00	81.54 6.38 0.00	69.21 4.71 0.00	59.96 4.49 0.00	54.00 4.00 0.00
BROOKLYN___ARMY_DRP 323595	45.98 4.18 -0.01	40.47 3.65 0.00	37.12 3.16 0.00	34.28 2.92 0.00	33.76 2.79 0.00	35.03 2.77 0.00	37.91 3.23 0.00	41.62 3.95 0.00	47.24 4.22 0.00	47.67 4.33 0.00	50.57 4.51 0.00	53.55 4.42 0.00	59.62 4.52 0.00	60.28 4.46 0.00	65.37 4.28 0.00	70.62 6.01 0.00	84.95 8.07 0.00	100.33 10.91 0.00	99.79 9.81 0.00	93.30 8.87 0.00	81.54 6.39 0.00	69.15 4.64 0.00	59.74 4.27 0.00	53.95 3.95 0.00
BROOME_2_LFGE 323671	42.54 0.75 0.00	37.49 0.66 0.00	34.64 0.68 0.00	31.96 0.59 0.00	31.53 0.56 0.00	32.94 0.68 0.00	35.10 0.42 0.00	38.04 0.38 0.00	43.37 0.34 0.00	43.90 0.56 0.00	46.84 0.78 0.00	50.01 0.89 0.00	56.48 1.38 0.00	57.43 1.62 0.00	62.75 1.65 0.00	66.42 1.81 0.00	79.56 2.69 0.00	92.90 3.48 0.00	93.58 3.60 0.00	87.90 3.46 0.00	77.49 2.33 0.00	66.70 2.19 0.00	56.91 1.44 0.00	51.10 1.10 0.00
BROOME___LFGE 323600	42.54 0.75 0.00	37.49 0.66 0.00	34.64 0.68 0.00	31.96 0.59 0.00	31.53 0.56 0.00	32.94 0.68 0.00	35.10 0.42 0.00	38.04 0.38 0.00	43.37 0.34 0.00	43.90 0.56 0.00	46.84 0.78 0.00	50.01 0.89 0.00	56.48 1.38 0.00	57.43 1.62 0.00	62.75 1.65 0.00	66.42 1.81 0.00	79.56 2.69 0.00	92.90 3.48 0.00	93.58 3.60 0.00	87.90 3.46 0.00	77.49 2.33 0.00	66.70 2.19 0.00	56.91 1.44 0.00	51.10 1.10 0.00
BROWNFLS_115KV_TB_3_5 80003	42.16 0.38 0.00	37.08 0.26 0.00	34.23 0.27 0.00	31.55 0.19 0.00	31.28 0.31 0.00	32.58 0.32 0.00	35.06 0.38 0.00	37.93 0.26 0.00	43.42 0.39 0.00	43.42 0.09 0.00	46.20 0.14 0.00	49.37 0.25 0.00	55.32 0.22 0.00	56.09 0.28 0.00	61.10 0.00 0.00	64.03 -0.58 0.00	76.18 -0.69 0.00	94.58 -0.98 -6.14	96.69 0.00 -6.71	88.30 0.68 -3.18	75.83 0.68 0.00	65.34 0.84 0.00	56.36 0.89 0.00	50.70 0.70 0.00
BROWNSV1_27_KV_LOAD 356125	46.05 4.26 0.00	40.55 3.72 0.00	37.16 3.19 0.00	34.34 2.98 0.00	33.82 2.85 0.00	35.26 3.00 0.00	38.08 3.40 0.00	41.81 4.14 0.00	47.55 4.52 0.00	48.02 4.68 0.00	50.90 4.84 0.00	53.94 4.81 0.00	60.33 5.23 0.00	60.89 5.08 0.00	66.66 5.56 0.00	71.85 7.24 0.00	86.33 9.46 0.00	101.93 12.52 0.00	101.50 11.52 0.00	94.82 10.39 0.00	82.60 7.44 0.00	70.05 5.55 0.00	60.57 5.10 0.00	54.55 4.55 0.00
BURROWS___LYONSDAL 23803	42.83 1.04 0.00	37.71 0.88 0.00	34.78 0.82 0.00	32.05 0.69 0.00	31.78 0.81 0.00	33.16 0.90 0.00	35.51 0.83 0.00	38.60 0.94 0.00	44.06 1.03 0.00	44.07 0.74 0.00	46.94 0.88 0.00	50.21 1.08 0.00	56.37 1.27 0.00	57.26 1.45 0.00	62.50 1.41 0.00	66.16 1.55 0.00	79.03 2.15 0.00	93.90 3.31 -1.18	95.49 4.23 -1.28	89.44 4.39 -0.61	78.16 3.01 0.00	67.15 2.64 0.00	57.24 1.77 0.00	51.20 1.20 0.00
CAITHNESS_CC_1 323624	47.30 4.76 -0.75	40.92 4.09 -0.01	37.54 3.57 -0.01	34.47 3.11 0.00	33.76 2.79 0.00	35.20 2.94 0.00	38.11 3.43 0.00	42.04 4.37 -0.01	47.37 4.34 0.00	47.77 4.42 -0.01	50.77 4.70 -0.01	53.60 4.47 0.00	59.35 4.24 0.00	59.78 3.96 0.00	66.04 4.95 0.00	74.15 6.92 -2.62	89.99 9.14 -3.97	142.61 12.42 -40.77	148.64 11.52 -47.14	94.79 10.21 -0.14	81.62 6.46 0.00	69.48 4.97 0.00	60.29 4.55 -0.27	53.80 3.80 0.00
CALPINE BETH_PAGE_GT4 24209	47.10 4.55 -0.75	40.95 4.12 0.00	37.56 3.60 0.00	34.62 3.26 0.00	33.94 2.97 0.00	35.39 3.13 0.00	38.29 3.61 0.00	42.11 4.44 0.00	47.67 4.65 0.00	48.06 4.72 0.00	50.90 4.84 0.00	53.31 4.18 0.00	59.67 4.57 0.00	60.28 4.46 0.00	66.23 5.13 0.00	81.10 7.11 -9.39	100.38 9.22 -14.28	103.60 12.25 -1.93	102.04 11.52 -0.54	95.18 10.30 -0.44	82.37 7.21 0.00	69.86 5.35 0.00	61.56 5.05 -1.05	54.26 4.25 -0.01
CALPINE_BETH_PAGE_GT_4 323586	47.10 4.56 -0.75	40.99 4.16 -0.01	37.64 3.67 -0.01	34.62 3.26 0.00	33.94 2.97 0.00	35.39 3.13 0.00	38.25 3.57 0.00	42.11 4.44 -0.01	47.42 4.39 0.00	47.81 4.46 -0.01	50.72 4.65 -0.01	53.75 4.62 0.00	59.67 4.57 0.00	60.17 4.36 0.00	66.23 5.13 0.00	81.17 7.17 -9.39	100.37 9.22 -14.28	103.77 12.42 -1.93	102.05 11.52 -0.55	95.17 10.30 -0.44	81.92 6.77 0.00	69.86 5.35 0.00	61.56 5.05 -1.05	54.11 4.10 -0.01
CALPINE_BP_GT1 23823	47.10 4.56 -0.75	40.99 4.16 -0.01	37.64 3.67 -0.01	34.62 3.26 0.00	33.94 2.97 0.00	35.39 3.13 0.00	38.25 3.57 0.00	42.11 4.44 -0.01	47.42 4.39 0.00	47.81 4.46 -0.01	50.72 4.65 -0.01	53.75 4.62 0.00	59.67 4.57 0.00	60.17 4.36 0.00	66.23 5.13 0.00	81.17 7.17 -9.39	100.37 9.22 -14.28	103.77 12.42 -1.93	102.05 11.52 -0.55	95.17 10.30 -0.44	81.92 6.77 0.00	69.86 5.35 0.00	61.56 5.05 -1.05	54.11 4.10 -0.01
CALSPAN___DRP 24200	42.04 0.25 0.00	37.12 0.29 0.00	34.17 0.20 0.00	31.64 0.28 0.00	31.13 0.15 0.00	32.62 0.35 0.00	34.16 -0.52 0.00	36.50 -1.17 0.00	41.65 -1.38 0.00	42.86 -0.48 0.00	45.97 -0.09 0.00	49.62 0.49 0.00	57.08 1.98 0.00	58.88 3.07 0.00	63.79 2.69 0.00	66.23 1.62 0.00	79.56 2.69 0.00	92.72 3.31 0.00	93.04 3.06 0.00	87.56 3.12 0.00	76.43 1.28 0.00	66.44 1.94 0.00	56.41 0.94 0.00	50.75 0.75 0.00

CALVERTON___SOLAR 323806	47.51 4.97 -0.75	41.10 4.27 -0.01	37.67 3.70 -0.01	34.59 3.23 0.00	33.85 2.88 0.00	35.29 3.03 0.00	38.22 3.54 0.00	42.15 4.48 -0.01	47.54 4.52 0.00	47.94 4.59 -0.01	51.04 4.98 -0.01	53.90 4.76 0.00	59.73 4.63 0.00	60.17 4.36 0.00	66.53 5.44 0.00	74.67 7.43 -2.63	90.79 9.92 -3.99	144.91 13.41 -42.09	151.08 12.42 -48.68	95.63 11.06 -0.14	82.22 7.06 0.00	69.93 5.42 0.00	60.57 4.82 -0.28	54.00 4.00 0.00
CANDIGU_WT_PWR 323617	42.42 0.63 0.00	37.41 0.59 0.00	34.64 0.68 0.00	31.86 0.50 0.00	31.40 0.43 0.00	32.87 0.61 0.00	34.65 -0.03 0.00	37.10 -0.56 0.00	42.25 -0.77 0.00	43.21 -0.13 0.00	46.34 0.28 0.00	49.28 0.15 0.00	56.20 1.10 0.00	57.54 1.73 0.00	62.68 1.59 0.00	65.90 1.29 0.00	78.87 2.00 0.00	91.83 2.42 0.00	92.77 2.79 0.00	87.47 3.04 0.00	77.11 1.95 0.00	66.57 2.06 0.00	56.41 0.94 0.00	50.60 0.60 0.00
CARR STREET_E_SYR 24060	41.62 -0.17 0.00	36.68 -0.15 0.00	33.86 -0.10 0.00	31.20 -0.16 0.00	30.82 -0.15 0.00	32.16 -0.10 0.00	34.44 -0.24 0.00	37.40 -0.26 0.00	42.73 -0.30 0.00	43.16 -0.17 0.00	46.06 0.00 0.00	49.23 0.10 0.00	55.49 0.39 0.00	56.37 0.56 0.00	61.58 0.49 0.00	65.19 0.58 0.00	77.87 1.00 0.00	90.84 1.43 0.00	91.60 1.62 0.00	85.96 1.52 0.00	76.06 0.91 0.00	65.34 0.84 0.00	55.75 0.28 0.00	50.10 0.10 0.00
CARTHAGE___PAPER 23857	42.71 0.92 0.00	37.56 0.74 0.00	34.64 0.68 0.00	31.89 0.53 0.00	31.68 0.71 0.00	33.10 0.84 0.00	35.41 0.73 0.00	38.49 0.83 0.00	43.89 0.86 0.00	43.77 0.43 0.00	46.62 0.55 0.00	49.87 0.74 0.00	55.93 0.83 0.00	56.76 0.95 0.00	61.89 0.79 0.00	65.39 0.78 0.00	78.18 1.31 0.00	93.82 2.50 -1.90	96.20 4.14 -2.08	90.15 4.73 -0.99	78.69 3.53 0.00	67.67 3.16 0.00	57.58 2.11 0.00	51.50 1.50 0.00
CASSADAGA_WT_PWR 323784	42.96 1.17 0.00	37.86 1.03 0.00	35.05 1.09 0.00	32.15 0.78 0.00	31.56 0.59 0.00	33.07 0.81 0.00	34.75 0.07 0.00	37.59 -0.08 0.00	43.07 0.04 0.00	44.68 1.34 0.00	48.23 2.17 0.00	51.53 2.41 0.00	59.07 3.97 0.00	60.89 5.08 0.00	65.92 4.83 0.00	69.01 4.40 0.00	82.33 5.46 0.00	94.87 5.46 0.00	95.65 5.67 0.00	89.76 5.32 0.00	78.16 3.01 0.00	67.47 2.97 0.00	57.24 1.77 0.00	51.25 1.25 0.00
CE_DUNWOOD___DRP 24194	45.30 3.51 0.00	39.92 3.09 0.00	36.61 2.65 0.00	33.87 2.51 0.00	33.36 2.38 0.00	34.78 2.52 0.00	37.45 2.77 0.00	41.09 3.43 0.00	46.69 3.66 0.00	47.02 3.68 0.00	49.93 3.87 0.00	52.86 3.73 0.00	59.23 4.13 0.00	59.83 4.02 0.00	65.50 4.40 0.00	70.55 5.94 0.00	84.71 7.84 0.00	99.88 10.46 0.00	99.70 9.72 0.00	93.13 8.70 0.00	81.32 6.16 0.00	69.09 4.58 0.00	59.52 4.05 0.00	53.60 3.60 0.00
CE_MILLWOOD___DRP 24193	45.13 3.34 0.00	39.81 2.98 0.00	36.54 2.58 0.00	33.78 2.41 0.00	33.29 2.32 0.00	34.68 2.42 0.00	37.35 2.67 0.00	40.94 3.28 0.00	46.51 3.49 0.00	46.85 3.51 0.00	49.75 3.68 0.00	52.67 3.54 0.00	59.01 3.91 0.00	59.61 3.80 0.00	65.25 4.15 0.00	70.30 5.69 0.00	84.41 7.53 0.00	99.61 10.19 0.00	99.34 9.36 0.00	92.80 8.36 0.00	81.09 5.94 0.00	68.89 4.39 0.00	59.35 3.88 0.00	53.50 3.50 0.00
CE_NYC2_DRP 24202	45.81 4.01 -0.01	40.29 3.46 0.00	37.02 3.06 0.00	34.21 2.85 0.00	33.70 2.73 0.00	35.03 2.77 0.00	37.91 3.23 0.00	41.62 3.95 0.00	47.33 4.30 0.00	47.76 4.42 0.00	50.62 4.56 0.00	53.60 4.47 0.00	59.67 4.57 0.00	60.33 4.52 0.00	65.44 4.34 0.00	70.55 5.94 0.00	84.87 7.99 0.00	100.23 10.82 0.00	99.61 9.63 0.00	93.05 8.61 0.00	81.17 6.01 0.00	68.83 4.32 0.00	59.79 4.33 0.00	53.95 3.95 0.00
CE_NYC_DRP 24195	45.67 3.89 0.00	40.21 3.39 0.00	36.88 2.92 0.00	34.06 2.70 0.00	33.57 2.60 0.00	35.00 2.74 0.00	37.80 3.12 0.00	41.50 3.84 0.00	47.20 4.17 0.00	47.63 4.29 0.00	50.48 4.42 0.00	53.50 4.37 0.00	59.78 4.68 0.00	60.33 4.52 0.00	66.05 4.95 0.00	71.20 6.59 0.00	85.48 8.61 0.00	100.86 11.45 0.00	100.42 10.44 0.00	93.81 9.37 0.00	81.77 6.61 0.00	69.34 4.84 0.00	59.96 4.49 0.00	54.05 4.05 0.00
CHAFFEE___LFGE 323603	42.12 0.33 0.00	37.19 0.37 0.00	34.47 0.51 0.00	31.67 0.31 0.00	31.19 0.22 0.00	32.68 0.42 0.00	34.27 -0.41 0.00	36.61 -1.05 0.00	41.91 -1.12 0.00	43.34 0.00 0.00	46.75 0.69 0.00	49.81 0.69 0.00	57.25 2.15 0.00	59.05 3.24 0.00	64.09 2.99 0.00	66.93 2.32 0.00	80.03 3.15 0.00	92.81 3.40 0.00	93.48 3.51 0.00	87.98 3.55 0.00	77.26 2.10 0.00	66.76 2.26 0.00	56.63 1.17 0.00	50.90 0.90 0.00
CHATEAUG_35_KV_LOAD 355732	41.41 -0.38 0.00	36.38 -0.44 0.00	33.62 -0.34 0.00	31.05 -0.31 0.00	30.69 -0.28 0.00	31.87 -0.39 0.00	34.54 -0.14 0.00	37.51 -0.15 0.00	43.16 0.13 0.00	43.42 0.09 0.00	45.97 -0.09 0.00	48.83 -0.29 0.00	54.55 -0.55 0.00	55.09 -0.73 0.00	60.49 -0.61 0.00	63.51 -1.10 0.00	74.87 -2.00 0.00	84.15 -3.49 1.78	84.88 -3.15 1.95	80.98 -2.53 0.92	73.73 -1.43 0.00	63.09 -1.42 0.00	54.58 -0.89 0.00	49.45 -0.55 0.00
CHATEAUG_WT_PWR 323614	41.41 -0.38 0.00	36.42 -0.40 0.00	33.62 -0.34 0.00	31.05 -0.31 0.00	30.72 -0.25 0.00	31.91 -0.35 0.00	34.54 -0.14 0.00	37.51 -0.15 0.00	43.20 0.17 0.00	43.51 0.17 0.00	46.01 -0.05 0.00	48.83 -0.29 0.00	54.44 -0.66 0.00	54.97 -0.84 0.00	60.30 -0.80 0.00	63.32 -1.29 0.00	74.80 -2.07 0.00	84.78 -3.58 1.05	85.50 -3.33 1.15	81.02 -2.87 0.55	73.43 -1.73 0.00	62.83 -1.68 0.00	54.41 -1.06 0.00	49.40 -0.60 0.00
CHAT_HIGH_FALL_HYD 323578	41.41 -0.38 0.00	36.38 -0.44 0.00	33.62 -0.34 0.00	31.05 -0.31 0.00	30.69 -0.28 0.00	31.87 -0.39 0.00	34.54 -0.14 0.00	37.51 -0.15 0.00	43.16 0.13 0.00	43.42 0.09 0.00	45.97 -0.09 0.00	48.83 -0.29 0.00	54.55 -0.55 0.00	55.09 -0.73 0.00	60.49 -0.61 0.00	63.51 -1.10 0.00	74.87 -2.00 0.00	84.15 -3.49 1.78	84.88 -3.15 1.95	80.98 -2.53 0.92	73.73 -1.43 0.00	63.09 -1.42 0.00	54.58 -0.89 0.00	49.45 -0.55 0.00
CHAUTAUQUA___LFGE 323629	42.67 0.88 0.00	37.67 0.85 0.00	34.88 0.92 0.00	32.05 0.69 0.00	31.50 0.53 0.00	33.00 0.74 0.00	34.61 -0.07 0.00	37.02 -0.64 0.00	42.43 -0.60 0.00	43.90 0.56 0.00	47.35 1.29 0.00	50.50 1.37 0.00	58.02 2.92 0.00	59.77 3.96 0.00	64.83 3.73 0.00	67.78 3.17 0.00	80.94 4.07 0.00	94.06 4.65 0.00	94.74 4.77 0.00	89.16 4.73 0.00	78.01 2.86 0.00	67.41 2.91 0.00	57.19 1.72 0.00	51.25 1.25 0.00
CHERRYST_13_KV_LD 356241	45.84 4.05 0.00	40.36 3.54 0.00	36.99 3.02 0.00	34.18 2.82 0.00	33.66 2.69 0.00	35.13 2.87 0.00	37.94 3.26 0.00	41.66 3.99 0.00	47.42 4.39 0.00	47.89 4.55 0.00	50.76 4.70 0.00	53.75 4.62 0.00	60.11 5.01 0.00	60.67 4.86 0.00	66.35 5.25 0.00	71.59 6.98 0.00	85.94 9.07 0.00	101.40 11.98 0.00	100.87 10.89 0.00	94.23 9.79 0.00	82.07 6.91 0.00	69.60 5.10 0.00	60.18 4.71 0.00	54.25 4.25 0.00

CHESTROR_138KV_BK263 355645	44.63 2.84 0.00	39.37 2.54 0.00	36.17 2.21 0.00	33.43 2.07 0.00	32.95 1.98 0.00	34.36 2.10 0.00	36.90 2.22 0.00	40.34 2.67 0.00	45.82 2.80 0.00	46.15 2.82 0.00	48.96 2.90 0.00	51.98 2.85 0.00	58.24 3.14 0.00	58.82 3.01 0.00	64.46 3.36 0.00	69.33 4.72 0.00	83.18 6.30 0.00	98.09 8.67 0.00	98.08 8.10 0.00	91.70 7.26 0.00	80.27 5.11 0.00	68.31 3.81 0.00	58.80 3.33 0.00	53.00 3.00 0.00
CH_MIDHUDSON___DRP 24192	44.84 3.05 0.00	39.55 2.73 0.00	36.31 2.34 0.00	33.56 2.20 0.00	33.08 2.11 0.00	34.45 2.19 0.00	37.07 2.39 0.00	40.53 2.86 0.00	46.04 3.01 0.00	46.33 2.99 0.00	49.15 3.09 0.00	52.17 3.05 0.00	58.46 3.36 0.00	59.16 3.35 0.00	64.82 3.73 0.00	69.78 5.17 0.00	83.71 6.84 0.00	98.80 9.39 0.00	98.80 8.82 0.00	92.29 7.85 0.00	80.87 5.71 0.00	68.76 4.26 0.00	59.07 3.61 0.00	53.30 3.30 0.00
CH_MISC_IPPS 23765	45.09 3.30 0.00	39.77 2.95 0.00	36.54 2.58 0.00	33.74 2.38 0.00	33.26 2.29 0.00	34.65 2.39 0.00	37.25 2.57 0.00	40.71 3.05 0.00	46.26 3.23 0.00	46.46 3.12 0.00	49.28 3.22 0.00	52.57 3.44 0.00	58.90 3.80 0.00	59.61 3.80 0.00	65.31 4.21 0.00	70.36 5.75 0.00	84.49 7.61 0.00	99.87 10.46 0.00	99.70 9.72 0.00	93.14 8.70 0.00	81.54 6.38 0.00	69.28 4.77 0.00	59.52 4.05 0.00	53.65 3.65 0.00
CH_RES_BVR_FALLS 23983	41.58 -0.21 0.00	36.61 -0.22 0.00	33.79 -0.17 0.00	31.20 -0.16 0.00	30.82 -0.15 0.00	32.04 -0.22 0.00	34.51 -0.17 0.00	37.44 -0.22 0.00	42.90 -0.13 0.00	43.21 -0.13 0.00	45.88 -0.18 0.00	48.88 -0.24 0.00	54.83 -0.27 0.00	55.53 -0.28 0.00	60.79 -0.30 0.00	64.16 -0.45 0.00	76.18 -0.69 0.00	88.05 -1.16 0.20	88.68 -1.08 0.22	83.32 -1.01 0.11	74.40 -0.75 0.00	63.73 -0.77 0.00	54.86 -0.61 0.00	49.45 -0.55 0.00
CH_RES_NIAGARA 23895	40.87 -0.92 0.00	36.05 -0.77 0.00	33.52 -0.44 0.00	30.77 -0.60 0.00	30.26 -0.71 0.00	31.68 -0.58 0.00	33.19 -1.49 0.00	35.33 -2.34 0.00	40.27 -2.75 0.00	41.47 -1.86 0.00	44.45 -1.61 0.00	48.00 -1.13 0.00	55.32 0.22 0.00	56.98 1.17 0.00	61.71 0.61 0.00	63.83 -0.78 0.00	76.64 -0.23 0.00	89.33 -0.09 0.00	89.44 -0.54 0.00	84.35 -0.08 0.00	73.73 -1.43 0.00	64.25 -0.26 0.00	54.69 -0.78 0.00	49.30 -0.70 0.00
CH_RES_SYRACUSE 23985	41.87 0.08 0.00	36.86 0.04 0.00	34.03 0.07 0.00	31.36 0.00 0.00	30.97 0.00 0.00	32.32 0.06 0.00	34.65 -0.03 0.00	37.63 -0.04 0.00	42.98 -0.04 0.00	43.42 0.09 0.00	46.34 0.28 0.00	49.52 0.39 0.00	55.76 0.66 0.00	56.37 0.56 0.00	61.58 0.49 0.00	65.19 0.58 0.00	77.87 1.00 0.00	90.84 1.43 0.00	91.60 1.62 0.00	85.96 1.52 0.00	76.06 0.91 0.00	65.41 0.90 0.00	55.86 0.39 0.00	50.40 0.40 0.00
CLINTON_WT_PWR 323605	41.41 -0.38 0.00	36.42 -0.40 0.00	33.62 -0.34 0.00	31.05 -0.31 0.00	30.72 -0.25 0.00	31.91 -0.35 0.00	34.54 -0.14 0.00	37.51 -0.15 0.00	43.20 0.17 0.00	43.51 0.17 0.00	46.01 -0.05 0.00	48.83 -0.29 0.00	54.44 -0.66 0.00	54.97 -0.84 0.00	60.30 -0.80 0.00	63.32 -1.29 0.00	74.80 -2.07 0.00	84.78 -3.58 1.05	85.50 -3.33 1.15	81.02 -2.87 0.55	73.43 -1.73 0.00	62.83 -1.68 0.00	54.41 -1.06 0.00	49.40 -0.60 0.00
CLINTON___LFGE 323618	42.04 0.25 0.00	36.94 0.11 0.00	34.13 0.17 0.00	31.52 0.16 0.00	31.19 0.22 0.00	32.36 0.10 0.00	35.06 0.38 0.00	38.08 0.42 0.00	43.89 0.86 0.00	44.16 0.82 0.00	46.57 0.51 0.00	49.32 0.20 0.00	54.77 -0.33 0.00	55.14 -0.67 0.00	60.61 -0.49 0.00	63.57 -1.04 0.00	75.18 -1.69 0.00	84.86 -3.31 1.25	85.73 -2.88 1.36	81.60 -2.20 0.65	74.03 -1.13 0.00	63.28 -1.23 0.00	54.81 -0.66 0.00	49.85 -0.15 0.00
COBBLENY_34_KV_TB1 80064	42.12 0.33 0.00	37.16 0.33 0.00	34.20 0.24 0.00	31.71 0.34 0.00	31.19 0.22 0.00	32.68 0.42 0.00	34.23 -0.45 0.00	36.61 -1.05 0.00	41.78 -1.25 0.00	42.99 -0.35 0.00	46.15 0.09 0.00	49.81 0.69 0.00	57.25 2.15 0.00	59.10 3.29 0.00	64.09 2.99 0.00	66.55 1.94 0.00	79.95 3.07 0.00	93.17 3.76 0.00	93.49 3.51 0.00	87.98 3.55 0.00	76.81 1.65 0.00	66.63 2.13 0.00	56.58 1.11 0.00	50.90 0.90 0.00
COFFEEN___115KV_TB3 355620	43.13 1.34 0.00	37.97 1.14 0.00	34.98 1.02 0.00	32.18 0.82 0.00	31.99 1.02 0.00	33.45 1.19 0.00	35.72 1.04 0.00	38.83 1.17 0.00	44.19 1.16 0.00	43.99 0.65 0.00	46.94 0.88 0.00	50.31 1.18 0.00	56.42 1.32 0.00	57.32 1.51 0.00	62.38 1.28 0.00	66.03 1.42 0.00	79.03 2.15 0.00	94.83 3.84 -1.57	97.36 5.67 -1.72	91.75 6.50 -0.81	80.19 5.04 0.00	69.15 4.64 0.00	58.57 3.11 0.00	52.25 2.25 0.00
COLDSPRG_115KV_BK1 355956	42.83 1.04 0.00	37.78 0.96 0.00	34.74 0.78 0.00	32.21 0.85 0.00	31.68 0.71 0.00	33.23 0.97 0.00	34.85 0.17 0.00	37.89 0.23 0.00	43.24 0.22 0.00	44.51 1.17 0.00	47.81 1.75 0.00	51.63 2.51 0.00	58.85 3.75 0.00	60.78 4.97 0.00	65.80 4.70 0.00	68.49 3.88 0.00	82.18 5.30 0.00	94.87 5.45 0.00	95.29 5.31 0.00	89.50 5.07 0.00	77.79 2.63 0.00	67.41 2.90 0.00	57.30 1.83 0.00	51.55 1.55 0.00
COLONIE_LFGE___ 323577	43.84 2.05 0.00	38.63 1.80 0.00	35.59 1.63 0.00	32.87 1.51 0.00	32.46 1.49 0.00	33.81 1.55 0.00	36.31 1.63 0.00	39.43 1.77 0.00	44.70 1.68 0.00	44.77 1.43 0.00	47.30 1.24 0.00	50.40 1.28 0.00	56.42 1.32 0.00	57.26 1.45 0.00	62.75 1.65 0.00	67.26 2.65 0.00	80.34 3.46 0.00	94.78 5.36 0.00	95.38 5.40 0.00	89.25 4.81 0.00	85.37 3.68 -6.54	67.34 2.84 0.00	57.63 2.16 0.00	52.00 2.00 0.00
COOPERNY_115KV_TB1 80082	44.17 2.38 0.00	38.96 2.14 0.00	35.83 1.87 0.00	33.12 1.76 0.00	32.67 1.70 0.00	34.07 1.81 0.00	36.55 1.87 0.00	39.92 2.26 0.00	45.39 2.37 0.00	45.68 2.34 0.00	48.55 2.49 0.00	51.58 2.46 0.00	57.80 2.70 0.00	58.43 2.62 0.00	63.97 2.87 0.00	68.55 3.94 0.00	82.18 5.30 0.00	96.75 7.33 0.00	96.82 6.84 0.00	90.60 6.16 0.00	79.44 4.28 0.00	67.80 3.29 0.00	58.30 2.83 0.00	52.55 2.55 0.00
COPENHAGEN_WT_PWR 323753	42.75 0.96 0.00	37.60 0.77 0.00	34.71 0.75 0.00	31.89 0.53 0.00	31.68 0.71 0.00	33.13 0.87 0.00	35.37 0.69 0.00	38.46 0.79 0.00	43.84 0.82 0.00	43.73 0.39 0.00	46.66 0.60 0.00	49.91 0.78 0.00	56.04 0.94 0.00	56.93 1.12 0.00	62.02 0.92 0.00	65.58 0.97 0.00	78.49 1.62 0.00	93.84 2.95 -1.48	96.10 4.50 -1.62	90.36 5.15 -0.77	79.06 3.91 0.00	68.05 3.55 0.00	57.80 2.33 0.00	51.70 1.70 0.00
CORNELL_____ 23752	42.92 1.13 0.00	37.78 0.96 0.00	34.85 0.88 0.00	32.14 0.78 0.00	31.78 0.81 0.00	33.20 0.94 0.00	35.48 0.80 0.00	38.49 0.83 0.00	43.85 0.82 0.00	44.16 0.82 0.00	47.07 1.01 0.00	50.36 1.23 0.00	56.81 1.71 0.00	57.76 1.95 0.00	63.18 2.08 0.00	66.87 2.26 0.00	80.18 3.31 0.00	93.89 4.47 0.00	95.02 5.04 0.00	89.42 4.98 0.00	78.91 3.76 0.00	67.92 3.42 0.00	57.74 2.27 0.00	51.70 1.70 0.00

CORONA V_69_KV_TB1 355595	47.14 4.60 -0.75	40.91 4.09 0.00	37.53 3.57 0.00	34.62 3.26 0.00	33.97 3.00 0.00	35.42 3.16 0.00	38.29 3.61 0.00	42.03 4.37 0.00	47.76 4.73 0.00	48.15 4.81 0.00	50.99 4.93 0.00	53.65 4.52 0.00	60.06 4.96 0.00	60.72 4.91 0.00	66.66 5.56 0.00	117.63 7.49 -45.53	155.90 9.76 -69.27	109.29 12.79 -7.08	101.95 11.97 0.00	97.43 10.89 -2.10	83.05 7.89 0.00	70.44 5.93 0.00	65.72 5.71 -4.54	54.80 4.75 -0.05
CORTLAND_115KV_TB3 80093	42.54 0.75 0.00	37.45 0.63 0.00	34.54 0.58 0.00	31.89 0.53 0.00	31.53 0.56 0.00	32.91 0.65 0.00	35.17 0.49 0.00	38.19 0.53 0.00	43.54 0.52 0.00	43.90 0.56 0.00	46.75 0.69 0.00	50.01 0.88 0.00	56.37 1.27 0.00	57.32 1.51 0.00	62.63 1.53 0.00	66.29 1.68 0.00	79.41 2.54 0.00	92.90 3.49 0.00	93.85 3.87 0.00	88.15 3.72 0.00	77.86 2.71 0.00	66.96 2.45 0.00	57.08 1.61 0.00	51.20 1.20 0.00
COXSACKIE__GT 23611	44.30 2.51 0.00	39.04 2.21 0.00	35.93 1.97 0.00	33.18 1.82 0.00	32.70 1.73 0.00	34.10 1.84 0.00	36.55 1.87 0.00	39.36 1.70 0.00	44.57 1.55 0.00	44.42 1.08 0.00	46.80 0.73 0.00	50.01 0.89 0.00	56.09 0.99 0.00	56.51 0.72 0.02	56.72 1.22 5.60	60.04 2.45 7.03	79.38 3.77 1.25	89.43 5.99 5.98	90.38 6.48 6.09	86.55 6.16 4.05	78.89 5.04 1.30	67.67 3.16 0.00	57.74 2.28 0.00	51.95 1.95 0.00
CPV_VALLEY__CC1 323721	44.30 2.51 0.00	39.07 2.25 0.00	35.97 2.00 0.00	33.21 1.85 0.00	32.73 1.76 0.00	34.13 1.87 0.00	36.66 1.98 0.00	40.08 2.41 0.00	45.48 2.45 0.00	45.76 2.43 0.00	48.55 2.49 0.00	51.68 2.55 0.00	57.85 2.75 0.00	58.43 2.62 0.00	64.03 2.93 0.00	68.75 4.14 0.00	82.48 5.61 0.00	97.29 7.87 0.00	97.18 7.20 0.00	90.85 6.41 0.00	79.44 4.28 0.00	67.73 3.22 0.00	58.30 2.83 0.00	52.55 2.55 0.00
CPV_VALLEY__CC2 323722	44.30 2.51 0.00	39.07 2.25 0.00	35.97 2.00 0.00	33.21 1.85 0.00	32.73 1.76 0.00	34.13 1.87 0.00	36.66 1.98 0.00	40.08 2.41 0.00	45.48 2.45 0.00	45.76 2.43 0.00	48.55 2.49 0.00	51.68 2.55 0.00	57.85 2.75 0.00	58.43 2.62 0.00	64.03 2.93 0.00	68.75 4.14 0.00	82.48 5.61 0.00	97.29 7.87 0.00	97.18 7.20 0.00	90.85 6.41 0.00	79.44 4.28 0.00	67.73 3.22 0.00	58.30 2.83 0.00	52.55 2.55 0.00
CRESCENT__HYD 24018	43.84 2.05 0.00	38.63 1.80 0.00	35.59 1.63 0.00	32.87 1.51 0.00	32.46 1.49 0.00	33.81 1.55 0.00	36.31 1.63 0.00	39.43 1.77 0.00	44.70 1.68 0.00	44.77 1.43 0.00	47.30 1.24 0.00	50.40 1.28 0.00	56.42 1.32 0.00	57.26 1.45 0.00	62.75 1.65 0.00	67.26 2.65 0.00	80.34 3.46 0.00	94.78 5.36 0.00	95.38 5.40 0.00	89.25 4.81 0.00	85.37 3.68 -6.54	67.34 2.84 0.00	57.63 2.16 0.00	52.00 2.00 0.00
CRICKET__VALLEY_CC1 323756	44.42 2.63 0.00	39.22 2.39 0.00	36.07 2.11 0.00	33.31 1.95 0.00	32.86 1.89 0.00	34.20 1.94 0.00	36.80 2.12 0.00	40.23 2.56 0.00	45.57 2.54 0.00	45.68 2.34 0.00	48.32 2.26 0.00	51.42 2.31 0.02	57.58 2.48 0.00	58.32 2.51 0.00	63.91 2.81 0.00	68.81 4.20 0.00	82.33 5.46 0.00	97.47 8.05 0.00	97.36 7.38 0.00	91.03 6.59 0.00	79.74 4.59 0.00	67.92 3.42 0.00	58.35 2.88 0.00	52.65 2.65 0.00
CRICKET__VALLEY_CC2 323757	44.42 2.63 0.00	39.22 2.39 0.00	36.07 2.11 0.00	33.31 1.95 0.00	32.86 1.89 0.00	34.20 1.94 0.00	36.80 2.12 0.00	40.23 2.56 0.00	45.57 2.54 0.00	45.68 2.34 0.00	48.32 2.26 0.00	51.42 2.31 0.02	57.58 2.48 0.00	58.32 2.51 0.00	63.91 2.81 0.00	68.81 4.20 0.00	82.33 5.46 0.00	97.47 8.05 0.00	97.36 7.38 0.00	91.03 6.59 0.00	79.74 4.59 0.00	67.92 3.42 0.00	58.35 2.88 0.00	52.65 2.65 0.00
CRICKET__VALLEY_CC3 323758	44.42 2.63 0.00	39.22 2.39 0.00	36.07 2.11 0.00	33.31 1.95 0.00	32.86 1.89 0.00	34.20 1.94 0.00	36.80 2.12 0.00	40.23 2.56 0.00	45.57 2.54 0.00	45.68 2.34 0.00	48.32 2.26 0.00	51.42 2.31 0.02	57.58 2.48 0.00	58.32 2.51 0.00	63.91 2.81 0.00	68.81 4.20 0.00	82.33 5.46 0.00	97.47 8.05 0.00	97.36 7.38 0.00	91.03 6.59 0.00	79.74 4.59 0.00	67.92 3.42 0.00	58.35 2.88 0.00	52.65 2.65 0.00
CRUCIBLE_METL_DRP 24180	41.87 0.08 0.00	36.86 0.04 0.00	34.00 0.03 0.00	31.36 0.00 0.00	30.97 0.00 0.00	32.32 0.06 0.00	34.65 -0.03 0.00	37.63 -0.04 0.00	42.98 -0.04 0.00	43.38 0.04 0.00	46.24 0.18 0.00	49.52 0.39 0.00	55.76 0.66 0.00	56.37 0.56 0.00	61.59 0.49 0.00	65.13 0.52 0.00	77.87 1.00 0.00	90.85 1.43 0.00	91.60 1.62 0.00	85.96 1.52 0.00	75.98 0.83 0.00	65.41 0.90 0.00	55.86 0.39 0.00	50.35 0.35 0.00
DAHOWA__HYDRO 323763	44.13 2.34 0.00	38.85 2.02 0.00	35.73 1.76 0.00	32.99 1.63 0.00	32.58 1.61 0.00	33.97 1.71 0.00	36.48 1.80 0.00	39.51 1.85 0.00	44.70 1.68 0.00	44.68 1.34 0.00	47.12 1.06 0.00	50.26 1.13 0.00	55.98 0.88 0.00	56.93 1.12 0.00	62.32 1.22 0.00	67.00 2.39 0.00	80.18 3.30 0.00	94.87 5.46 0.00	96.18 6.20 0.00	90.10 5.66 0.00	83.48 4.74 -3.58	68.31 3.80 0.00	58.24 2.77 0.00	52.55 2.55 0.00
DANC__LFGE 323619	42.21 0.42 0.00	37.12 0.29 0.00	34.27 0.30 0.00	31.55 0.19 0.00	31.25 0.28 0.00	32.65 0.39 0.00	34.92 0.24 0.00	37.96 0.30 0.00	43.24 0.22 0.00	43.34 0.00 0.00	46.20 0.14 0.00	49.42 0.30 0.00	55.49 0.39 0.00	56.31 0.50 0.00	61.47 0.37 0.00	65.00 0.39 0.00	77.72 0.85 0.00	92.20 1.79 -1.00	93.86 2.79 -1.09	88.24 3.29 -0.52	77.49 2.33 0.00	66.70 2.19 0.00	56.74 1.28 0.00	50.95 0.95 0.00
DANSKAMMER__1 23586	45.09 3.30 0.00	39.77 2.95 0.00	36.54 2.58 0.00	33.74 2.38 0.00	33.26 2.29 0.00	34.65 2.39 0.00	37.25 2.57 0.00	40.71 3.05 0.00	46.26 3.23 0.00	46.46 3.12 0.00	49.28 3.22 0.00	52.57 3.44 0.00	58.90 3.80 0.00	59.61 3.80 0.00	65.31 4.21 0.00	70.36 5.75 0.00	84.49 7.61 0.00	99.87 10.46 0.00	99.70 9.72 0.00	93.14 8.70 0.00	81.54 6.38 0.00	69.28 4.77 0.00	59.52 4.05 0.00	53.65 3.65 0.00
DANSKAMMER__2 23589	45.09 3.30 0.00	39.77 2.95 0.00	36.54 2.58 0.00	33.74 2.38 0.00	33.26 2.29 0.00	34.65 2.39 0.00	37.25 2.57 0.00	40.71 3.05 0.00	46.26 3.23 0.00	46.46 3.12 0.00	49.28 3.22 0.00	52.57 3.44 0.00	58.90 3.80 0.00	59.61 3.80 0.00	65.31 4.21 0.00	70.36 5.75 0.00	84.49 7.61 0.00	99.87 10.46 0.00	99.70 9.72 0.00	93.14 8.70 0.00	81.54 6.38 0.00	69.28 4.77 0.00	59.52 4.05 0.00	53.65 3.65 0.00
DANSKAMMER__3 23590	45.09 3.30 0.00	39.77 2.95 0.00	36.54 2.58 0.00	33.74 2.38 0.00	33.26 2.29 0.00	34.65 2.39 0.00	37.25 2.57 0.00	40.71 3.05 0.00	46.26 3.23 0.00	46.46 3.12 0.00	49.28 3.22 0.00	52.57 3.44 0.00	58.90 3.80 0.00	59.61 3.80 0.00	65.31 4.21 0.00	70.36 5.75 0.00	84.49 7.61 0.00	99.87 10.46 0.00	99.70 9.72 0.00	93.14 8.70 0.00	81.54 6.38 0.00	69.28 4.77 0.00	59.52 4.05 0.00	53.65 3.65 0.00

DANSKAMMER___4 23591	45.09 3.30 0.00	39.77 2.95 0.00	36.54 2.58 0.00	33.74 2.38 0.00	33.26 2.29 0.00	34.65 2.39 0.00	37.25 2.57 0.00	40.71 3.05 0.00	46.26 3.23 0.00	46.46 3.12 0.00	49.28 3.22 0.00	52.57 3.44 0.00	58.90 3.80 0.00	59.61 3.80 0.00	65.31 4.21 0.00	70.36 5.75 0.00	84.49 7.61 0.00	99.87 10.46 0.00	99.70 9.72 0.00	93.14 8.70 0.00	81.54 6.38 0.00	69.28 4.77 0.00	59.52 4.05 0.00	53.65 3.65 0.00
DANSKAMMER___DIESEL 23592	45.09 3.30 0.00	39.77 2.95 0.00	36.51 2.55 0.00	33.74 2.38 0.00	33.26 2.29 0.00	34.65 2.39 0.00	37.28 2.60 0.00	40.71 3.05 0.00	46.30 3.27 0.00	46.54 3.21 0.00	49.42 3.36 0.00	52.52 3.39 0.00	58.90 3.80 0.00	59.61 3.80 0.00	65.31 4.22 0.00	70.36 5.75 0.00	84.48 7.61 0.00	99.79 10.37 0.00	99.70 9.72 0.00	93.13 8.70 0.00	81.62 6.46 0.00	69.28 4.77 0.00	59.57 4.10 0.00	53.70 3.70 0.00
DARBY___SOLAR 323810	44.04 2.26 0.00	38.78 1.95 0.00	35.69 1.73 0.00	32.93 1.57 0.00	32.52 1.55 0.00	33.90 1.64 0.00	36.45 1.77 0.00	39.47 1.81 0.00	44.66 1.63 0.00	44.68 1.34 0.00	47.07 1.01 0.00	50.20 1.08 0.00	55.98 0.88 0.00	56.87 1.06 0.00	62.32 1.22 0.00	66.93 2.32 0.00	80.10 3.23 0.00	94.78 5.36 0.00	96.01 6.03 0.00	89.92 5.49 0.00	83.62 4.51 -3.96	68.05 3.55 0.00	58.08 2.61 0.00	52.40 2.40 0.00
DASHVILLE___HYD 23610	44.50 2.72 0.00	39.26 2.43 0.00	36.07 2.11 0.00	33.31 1.94 0.00	32.83 1.86 0.00	34.20 1.94 0.00	36.73 2.05 0.00	40.11 2.45 0.00	45.57 2.54 0.00	45.81 2.47 0.00	48.64 2.58 0.00	51.68 2.55 0.00	57.96 2.87 0.00	58.71 2.90 0.01	63.59 3.85 1.36	68.14 5.23 1.71	83.49 6.92 0.30	97.44 9.48 1.45	97.32 8.82 1.48	91.48 8.02 0.98	80.70 5.86 0.32	68.25 3.74 0.00	58.74 3.27 0.00	53.05 3.05 0.00
DELAWARE___LFGE 323621	43.59 1.80 0.00	38.41 1.58 0.00	35.39 1.43 0.00	32.71 1.35 0.00	32.30 1.33 0.00	33.71 1.45 0.00	36.03 1.35 0.00	39.21 1.54 0.00	44.66 1.64 0.00	44.90 1.56 0.00	47.81 1.75 0.00	50.94 1.82 0.00	57.19 2.09 0.00	57.99 2.18 0.00	63.42 2.32 0.00	67.45 2.84 0.00	80.64 3.77 0.00	94.60 5.19 0.00	95.11 5.13 0.00	89.25 4.81 0.00	78.69 3.53 0.00	67.54 3.03 0.00	57.85 2.39 0.00	52.05 2.05 0.00
DERFIELD_115KV_TB7 355931	42.12 0.33 0.00	37.12 0.29 0.00	34.23 0.27 0.00	31.61 0.25 0.00	31.22 0.25 0.00	32.55 0.29 0.00	34.92 0.24 0.00	37.93 0.26 0.00	43.29 0.26 0.00	43.55 0.22 0.00	46.29 0.23 0.00	49.37 0.25 0.00	55.37 0.28 0.00	56.09 0.28 0.00	61.40 0.31 0.00	65.06 0.45 0.00	77.49 0.61 0.00	90.49 1.07 0.00	91.06 1.08 0.00	85.37 0.93 0.00	75.76 0.60 0.00	64.96 0.45 0.00	55.80 0.33 0.00	50.25 0.25 0.00
DOGLEVILLE___HYD 23807	42.67 0.88 0.00	37.64 0.81 0.00	34.68 0.71 0.00	32.02 0.66 0.00	31.65 0.68 0.00	33.00 0.74 0.00	35.41 0.73 0.00	38.45 0.79 0.00	43.85 0.82 0.00	44.07 0.74 0.00	46.84 0.78 0.00	50.01 0.88 0.00	56.09 0.99 0.00	56.87 1.06 0.00	62.08 0.98 0.00	65.84 1.23 0.00	78.49 1.61 0.00	91.65 2.24 0.00	92.32 2.34 0.00	86.55 2.11 0.00	76.66 1.50 0.00	65.86 1.35 0.00	56.47 1.00 0.00	50.80 0.80 0.00
DUNKIRK___115KV_TB_200 55889	42.58 0.79 0.00	37.56 0.74 0.00	34.54 0.58 0.00	32.02 0.66 0.00	31.47 0.50 0.00	32.97 0.71 0.00	34.54 -0.14 0.00	36.99 -0.68 0.00	42.21 -0.82 0.00	43.42 0.09 0.00	46.66 0.60 0.00	50.36 1.23 0.00	57.85 2.75 0.00	59.61 3.80 0.00	64.64 3.54 0.00	67.19 2.58 0.00	80.72 3.84 0.00	94.24 4.83 0.00	94.57 4.59 0.00	89.00 4.56 0.00	77.49 2.33 0.00	67.22 2.71 0.00	57.13 1.66 0.00	51.25 1.25 0.00
DUNKIRK___1 23563	42.58 0.79 0.00	37.56 0.74 0.00	34.54 0.58 0.00	32.02 0.66 0.00	31.47 0.50 0.00	32.97 0.71 0.00	34.54 -0.14 0.00	36.99 -0.68 0.00	42.21 -0.82 0.00	43.42 0.09 0.00	46.66 0.60 0.00	50.36 1.23 0.00	57.85 2.75 0.00	59.61 3.80 0.00	64.64 3.54 0.00	67.19 2.58 0.00	80.72 3.84 0.00	94.24 4.83 0.00	94.57 4.59 0.00	89.00 4.56 0.00	77.49 2.33 0.00	67.22 2.71 0.00	57.13 1.66 0.00	51.25 1.25 0.00
DUNKIRK___2 23564	42.58 0.79 0.00	37.56 0.74 0.00	34.54 0.58 0.00	32.02 0.66 0.00	31.47 0.50 0.00	32.97 0.71 0.00	34.54 -0.14 0.00	36.99 -0.68 0.00	42.21 -0.82 0.00	43.42 0.09 0.00	46.66 0.60 0.00	50.36 1.23 0.00	57.85 2.75 0.00	59.61 3.80 0.00	64.64 3.54 0.00	67.19 2.58 0.00	80.72 3.84 0.00	94.24 4.83 0.00	94.57 4.59 0.00	89.00 4.56 0.00	77.49 2.33 0.00	67.22 2.71 0.00	57.13 1.66 0.00	51.25 1.25 0.00
DUNKIRK___3 23565	42.33 0.54 0.00	37.34 0.52 0.00	34.34 0.37 0.00	31.86 0.50 0.00	31.31 0.34 0.00	32.81 0.55 0.00	34.33 -0.35 0.00	36.76 -0.90 0.00	41.95 -1.08 0.00	43.12 -0.22 0.00	46.34 0.28 0.00	49.96 0.84 0.00	57.41 2.31 0.00	59.16 3.35 0.00	64.09 2.99 0.00	66.68 2.07 0.00	80.10 3.23 0.00	93.44 4.02 0.00	93.76 3.78 0.00	88.24 3.80 0.00	76.96 1.80 0.00	66.76 2.26 0.00	56.74 1.28 0.00	51.00 1.00 0.00
DUNKIRK___4 23566	42.33 0.54 0.00	37.34 0.52 0.00	34.34 0.37 0.00	31.86 0.50 0.00	31.31 0.34 0.00	32.81 0.55 0.00	34.33 -0.35 0.00	36.76 -0.90 0.00	41.95 -1.08 0.00	43.12 -0.22 0.00	46.34 0.28 0.00	49.96 0.84 0.00	57.41 2.31 0.00	59.16 3.35 0.00	64.09 2.99 0.00	66.68 2.07 0.00	80.10 3.23 0.00	93.44 4.02 0.00	93.76 3.78 0.00	88.24 3.80 0.00	76.96 1.80 0.00	66.76 2.26 0.00	56.74 1.28 0.00	51.00 1.00 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	45.42 3.64 0.00	40.07 3.24 0.00	36.75 2.78 0.00	33.93 2.57 0.00	33.45 2.48 0.00	34.87 2.61 0.00	37.59 2.91 0.00	41.24 3.58 0.00	46.86 3.83 0.00	47.24 3.90 0.00	50.11 4.05 0.00	53.11 3.98 0.00	59.45 4.35 0.00	60.05 4.24 0.00	65.74 4.64 0.00	70.81 6.20 0.00	85.02 8.15 0.00	100.32 10.91 0.00	100.06 10.08 0.00	93.47 9.03 0.00	81.62 6.46 0.00	69.28 4.77 0.00	59.74 4.27 0.00	53.75 3.75 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	44.84 3.05 0.00	39.55 2.73 0.00	36.34 2.38 0.00	33.59 2.23 0.00	33.11 2.14 0.00	34.49 2.23 0.00	37.07 2.39 0.00	40.53 2.86 0.00	46.04 3.01 0.00	46.37 3.03 0.00	49.19 3.13 0.00	52.27 3.14 0.00	58.57 3.47 0.00	59.22 3.40 0.00	64.89 3.79 0.00	69.84 5.23 0.00	83.79 6.92 0.00	98.89 9.48 0.00	98.89 8.91 0.00	92.37 7.94 0.00	80.94 5.79 0.00	68.76 4.26 0.00	59.18 3.72 0.00	53.35 3.35 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	45.93 4.14 -0.01	40.25 3.42 0.00	36.99 3.02 0.00	34.15 2.79 0.00	33.60 2.63 0.00	34.91 2.65 0.00	37.80 3.12 0.00	41.47 3.80 0.00	47.16 4.13 0.00	47.54 4.20 0.00	50.48 4.42 0.00	53.50 4.37 0.00	59.40 4.30 0.00	60.11 4.30 0.00	65.31 4.22 0.00	70.62 6.01 0.00	84.87 7.99 0.00	100.32 10.91 0.00	99.79 9.81 0.00	93.30 8.87 0.00	81.24 6.09 0.00	68.96 4.45 0.00	59.74 4.27 0.00	54.00 4.00 0.00

E179THST_13_KV_LOAD 356214	46.18 4.39 -0.01	40.47 3.65 0.00	37.16 3.19 0.00	34.31 2.95 0.00	33.79 2.82 0.00	35.07 2.81 0.00	38.01 3.33 0.00	41.69 4.03 0.00	47.42 4.39 0.00	47.84 4.51 0.00	50.80 4.74 0.00	53.80 4.67 0.00	59.78 4.68 0.00	60.50 4.69 0.00	65.74 4.64 0.00	71.14 6.53 0.00	85.56 8.69 0.00	101.04 11.62 0.00	100.60 10.62 0.00	93.98 9.54 0.00	81.84 6.69 0.00	69.47 4.97 0.00	60.13 4.66 0.00	54.35 4.35 0.00
EAST HAMPTON___GT 23717	49.36 6.81 -0.75	42.69 5.86 -0.01	39.17 5.20 -0.01	35.97 4.61 0.00	35.15 4.18 0.00	36.65 4.39 0.00	39.67 5.00 0.00	43.85 6.18 -0.01	49.61 6.58 0.00	50.19 6.84 -0.01	53.80 7.74 -0.01	56.99 7.86 0.00	63.31 8.21 0.00	63.69 7.87 0.00	70.32 9.23 0.00	78.69 11.44 -2.64	95.57 14.69 -4.01	150.98 18.86 -42.71	156.75 17.37 -49.40	99.61 15.03 -0.14	84.93 9.77 0.00	71.86 7.35 0.00	61.68 5.94 -0.28	55.25 5.25 0.00
EAST RIVER___6 23660	45.68 3.89 0.00	40.18 3.35 0.00	36.88 2.92 0.00	34.03 2.66 0.00	33.51 2.54 0.00	34.97 2.71 0.00	37.77 3.09 0.00	41.54 3.88 0.00	47.25 4.22 0.00	47.63 4.29 0.00	50.39 4.33 0.00	53.65 4.52 0.00	59.84 4.74 0.00	60.39 4.58 0.00	66.11 5.01 0.00	71.33 6.72 0.00	85.56 8.68 0.00	101.13 11.71 0.00	100.41 10.43 0.00	93.81 9.37 0.00	81.54 6.38 0.00	69.15 4.65 0.00	59.96 4.49 0.00	54.05 4.05 0.00
EAST RIVER___7 23524	45.68 3.89 0.00	40.18 3.35 0.00	36.88 2.92 0.00	34.03 2.66 0.00	33.51 2.54 0.00	34.97 2.71 0.00	37.77 3.09 0.00	41.54 3.88 0.00	47.25 4.22 0.00	47.63 4.29 0.00	50.39 4.33 0.00	53.65 4.52 0.00	59.84 4.74 0.00	60.39 4.58 0.00	66.11 5.01 0.00	71.33 6.72 0.00	85.56 8.68 0.00	101.13 11.71 0.00	100.41 10.43 0.00	93.81 9.37 0.00	81.54 6.38 0.00	69.15 4.65 0.00	59.96 4.49 0.00	54.05 4.05 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	45.30 3.51 0.00	39.92 3.09 0.00	36.61 2.65 0.00	33.87 2.51 0.00	33.36 2.38 0.00	34.78 2.52 0.00	37.45 2.77 0.00	41.09 3.43 0.00	46.69 3.66 0.00	47.02 3.68 0.00	49.93 3.87 0.00	52.86 3.73 0.00	59.23 4.13 0.00	59.83 4.02 0.00	65.50 4.40 0.00	70.55 5.94 0.00	84.71 7.84 0.00	99.88 10.46 0.00	99.70 9.72 0.00	93.13 8.70 0.00	81.32 6.16 0.00	69.09 4.58 0.00	59.52 4.05 0.00	53.60 3.60 0.00
EAST_HAMPTON___DIESEL 23722	49.36 6.81 -0.75	42.69 5.86 -0.01	39.17 5.20 -0.01	35.97 4.61 0.00	35.15 4.18 0.00	36.65 4.39 0.00	39.71 5.03 0.00	43.85 6.18 -0.01	49.61 6.58 0.00	50.24 6.89 -0.01	53.85 7.79 -0.01	56.99 7.86 0.00	63.31 8.21 0.00	63.69 7.87 0.00	70.32 9.23 0.00	78.69 11.44 -2.64	95.49 14.61 -4.01	150.90 18.78 -42.70	156.65 17.28 -49.40	99.44 14.87 -0.14	84.86 9.70 0.00	71.73 7.22 0.00	61.57 5.82 -0.28	55.15 5.15 0.00
EAST_POINT___SOLAR 323840	45.30 3.51 0.00	39.77 2.95 0.00	36.54 2.58 0.00	33.71 2.35 0.00	33.39 2.42 0.00	34.87 2.61 0.00	36.90 2.22 0.00	39.17 1.51 0.00	43.84 0.82 0.00	43.56 0.22 0.00	46.06 0.00 0.00	48.98 -0.15 0.00	54.60 -0.50 0.00	55.53 -0.28 0.00	60.79 -0.30 0.00	65.12 0.51 0.00	78.64 1.77 0.00	92.54 3.13 0.00	95.38 5.40 0.00	92.04 7.60 0.00	83.09 7.37 -0.57	70.96 6.45 0.00	60.29 4.82 0.00	54.25 4.25 0.00
EAST_PULASKI___ESR 323781	41.70 -0.08 0.00	36.72 -0.11 0.00	33.86 -0.10 0.00	31.20 -0.16 0.00	30.88 -0.09 0.00	32.23 -0.03 0.00	34.51 -0.17 0.00	37.48 -0.19 0.00	42.73 -0.30 0.00	42.99 -0.35 0.00	45.83 -0.23 0.00	48.98 -0.15 0.00	54.88 -0.22 0.00	55.70 -0.11 0.00	60.85 -0.24 0.00	64.35 -0.26 0.00	76.95 0.08 0.00	90.57 0.63 -0.52	91.71 1.17 -0.57	86.14 1.43 -0.27	75.91 0.75 0.00	65.28 0.78 0.00	55.69 0.22 0.00	50.20 0.20 0.00
EAST_RIVER___1 323558	45.68 3.89 0.00	40.21 3.39 0.00	36.95 2.99 0.00	34.06 2.70 0.00	33.57 2.60 0.00	35.00 2.74 0.00	37.77 3.09 0.00	41.51 3.84 0.00	47.16 4.13 0.00	47.54 4.20 0.00	50.30 4.23 0.00	53.55 4.42 0.00	59.78 4.68 0.00	60.33 4.52 0.00	66.04 4.95 0.00	71.20 6.59 0.00	85.48 8.61 0.00	101.03 11.62 0.00	100.41 10.43 0.00	93.81 9.37 0.00	81.62 6.46 0.00	69.28 4.77 0.00	59.96 4.49 0.00	54.00 4.00 0.00
EAST_RIVER___2 323559	45.68 3.89 0.00	40.18 3.35 0.00	36.88 2.92 0.00	34.03 2.66 0.00	33.51 2.54 0.00	34.97 2.71 0.00	37.77 3.09 0.00	41.54 3.88 0.00	47.25 4.22 0.00	47.63 4.29 0.00	50.39 4.33 0.00	53.65 4.52 0.00	59.84 4.74 0.00	60.39 4.58 0.00	66.11 5.01 0.00	71.33 6.72 0.00	85.56 8.68 0.00	101.13 11.71 0.00	100.41 10.43 0.00	93.81 9.37 0.00	81.54 6.38 0.00	69.15 4.65 0.00	59.96 4.49 0.00	54.05 4.05 0.00
EAST___DELAWARE_HYD 23607	44.55 2.76 0.00	39.29 2.47 0.00	36.10 2.14 0.00	33.31 1.95 0.00	32.83 1.86 0.00	34.26 2.00 0.00	36.80 2.12 0.00	40.19 2.52 0.00	45.65 2.63 0.00	45.85 2.51 0.00	48.68 2.62 0.00	51.93 2.80 0.00	58.24 3.14 0.00	58.93 3.12 0.00	64.19 3.54 0.45	68.95 4.91 0.56	83.46 6.68 0.10	98.32 9.39 0.48	98.40 8.91 0.49	92.22 8.11 0.33	80.94 5.79 0.00	68.83 4.32 0.00	59.13 3.66 0.00	53.15 3.15 0.00
EIGHT_POINT___WT_PWR 323820	43.00 1.21 0.00	37.86 1.03 0.00	35.05 1.09 0.00	32.17 0.81 0.00	31.71 0.74 0.00	33.20 0.94 0.00	34.99 0.31 0.00	37.48 -0.19 0.00	42.64 -0.39 0.00	43.60 0.26 0.00	46.89 0.83 0.00	49.76 0.64 0.00	56.81 1.71 0.00	58.26 2.45 0.00	63.42 2.32 0.00	66.55 1.94 0.00	79.72 2.85 0.00	92.63 3.21 0.00	93.93 3.95 0.00	88.66 4.22 0.00	78.16 3.01 0.00	67.34 2.84 0.00	56.86 1.39 0.00	50.85 0.85 0.00
ELBRIDGE_115KV_TB2 80188	41.70 -0.08 0.00	36.72 -0.11 0.00	33.86 -0.10 0.00	31.24 -0.13 0.00	30.88 -0.09 0.00	32.20 -0.06 0.00	34.47 -0.21 0.00	37.44 -0.23 0.00	42.73 -0.30 0.00	43.12 -0.22 0.00	46.01 -0.05 0.00	49.23 0.10 0.00	55.48 0.39 0.00	56.31 0.50 0.00	61.53 0.43 0.00	65.06 0.45 0.00	77.80 0.92 0.00	90.85 1.43 0.00	91.51 1.53 0.00	85.96 1.52 0.00	75.98 0.83 0.00	65.34 0.84 0.00	55.75 0.28 0.00	50.10 0.10 0.00
ELEC_TRO_TEK 24086	46.80 4.26 -0.75	40.62 3.79 0.00	37.29 3.33 0.00	34.40 3.04 0.00	33.76 2.79 0.00	35.20 2.94 0.00	38.04 3.36 0.00	41.81 4.14 0.00	47.46 4.43 0.00	47.84 4.51 0.00	50.67 4.61 0.00	53.25 4.13 0.00	59.62 4.52 0.00	60.22 4.41 0.00	66.11 5.01 0.00	92.27 6.91 -20.75	117.35 8.92 -31.56	104.45 11.80 -3.23	100.96 10.98 0.00	95.36 9.96 -0.96	82.22 7.06 0.00	69.73 5.22 0.00	62.71 5.10 -2.13	54.27 4.25 -0.02
ELLENBURG_WT_PWR 323604	41.41 -0.38 0.00	36.42 -0.40 0.00	33.62 -0.34 0.00	31.05 -0.31 0.00	30.72 -0.25 0.00	31.91 -0.35 0.00	34.54 -0.14 0.00	37.51 -0.15 0.00	43.20 0.17 0.00	43.51 0.17 0.00	46.01 -0.05 0.00	48.83 -0.29 0.00	54.44 -0.66 0.00	54.97 -0.84 0.00	60.30 -0.80 0.00	63.32 -1.29 0.00	74.80 -2.07 0.00	84.78 -3.58 1.05	85.50 -3.33 1.15	81.02 -2.87 0.55	73.43 -1.73 0.00	62.83 -1.68 0.00	54.41 -1.06 0.00	49.40 -0.60 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	41.91 0.13 0.00	36.97 0.15 0.00	34.06 0.10 0.00	31.55 0.19 0.00	31.03 0.06 0.00	32.52 0.26 0.00	34.06 -0.62 0.00	36.34 -1.32 0.00	41.48 -1.55 0.00	42.69 -0.65 0.00	45.78 -0.28 0.00	49.42 0.29 0.00	56.86 1.76 0.00	58.66 2.85 0.00	63.54 2.44 0.00	65.90 1.29 0.00	79.18 2.31 0.00	92.28 2.86 0.00	92.59 2.61 0.00	87.14 2.70 0.00	76.13 0.98 0.00	66.12 1.61 0.00	56.19 0.72 0.00	50.55 0.55 0.00
EMPIRE_CC_1 323656	42.83 1.05 0.00	37.86 1.03 0.00	34.95 0.99 0.00	32.30 0.94 0.00	31.87 0.90 0.00	33.16 0.90 0.00	35.58 0.90 0.00	38.34 0.68 0.00	43.55 0.52 0.00	43.77 0.43 0.00	46.29 0.23 0.00	49.32 0.20 0.00	55.15 0.06 0.00	55.70 -0.11 0.00	60.92 -0.18 0.00	65.07 0.46 0.00	77.72 0.85 0.00	91.38 1.96 0.00	91.78 1.80 0.00	85.87 1.43 0.00	74.71 0.60 1.04	64.90 0.39 0.00	55.69 0.22 0.00	50.30 0.30 0.00
EMPIRE_CC_2 323658	42.83 1.05 0.00	37.86 1.03 0.00	34.95 0.99 0.00	32.30 0.94 0.00	31.87 0.90 0.00	33.16 0.90 0.00	35.58 0.90 0.00	38.34 0.68 0.00	43.55 0.52 0.00	43.77 0.43 0.00	46.29 0.23 0.00	49.32 0.20 0.00	55.15 0.06 0.00	55.70 -0.11 0.00	60.92 -0.18 0.00	65.07 0.46 0.00	77.72 0.85 0.00	91.38 1.96 0.00	91.78 1.80 0.00	85.87 1.43 0.00	74.71 0.60 1.04	64.90 0.39 0.00	55.69 0.22 0.00	50.30 0.30 0.00
ENORWICH_115KV_TB1 80156	45.09 3.30 0.00	39.70 2.87 0.00	36.58 2.62 0.00	33.68 2.32 0.00	33.48 2.51 0.00	35.03 2.77 0.00	37.21 2.53 0.00	40.41 2.75 0.00	45.91 2.88 0.00	45.76 2.43 0.00	48.92 2.86 0.00	52.47 3.34 0.00	59.12 4.02 0.00	60.33 4.52 0.00	65.80 4.70 0.00	69.84 5.23 0.00	83.87 7.00 0.00	98.80 9.39 0.00	100.78 10.80 0.00	94.91 10.47 0.00	83.50 8.34 0.00	71.99 7.48 0.00	60.74 5.27 0.00	54.15 4.15 0.00
ERIE_ST__34_KV_TB1-2 80199	41.87 0.08 0.00	36.94 0.11 0.00	33.96 0.00 0.00	31.52 0.16 0.00	31.00 0.03 0.00	32.52 0.26 0.00	34.02 -0.45 0.00	36.42 -1.13 0.00	41.61 -1.42 0.00	42.82 -0.52 0.00	45.97 -0.09 0.00	49.62 0.49 0.00	56.97 1.87 0.00	58.88 3.07 0.00	63.79 2.69 0.00	66.35 1.74 0.00	79.72 2.84 0.00	92.90 3.49 0.00	93.22 3.24 0.00	87.65 3.21 0.00	76.43 1.28 0.00	66.31 1.81 0.00	56.36 0.89 0.00	50.65 0.65 0.00
ERIE_WT_PWR 323693	42.08 0.29 0.00	37.16 0.33 0.00	34.47 0.51 0.00	31.64 0.28 0.00	31.16 0.19 0.00	32.65 0.39 0.00	34.23 -0.45 0.00	36.53 -1.13 0.00	41.82 -1.20 0.00	43.25 -0.09 0.00	46.66 0.60 0.00	49.67 0.54 0.00	57.14 2.04 0.00	58.82 3.01 0.00	63.85 2.75 0.00	66.68 2.07 0.00	79.64 2.76 0.00	92.46 3.04 0.00	93.13 3.15 0.00	87.65 3.21 0.00	76.96 1.80 0.00	66.57 2.06 0.00	56.47 1.00 0.00	50.80 0.80 0.00
ESPRGFLD_115KV_TB1 80157	44.38 2.59 0.00	39.04 2.21 0.00	35.93 1.97 0.00	33.15 1.79 0.00	32.80 1.83 0.00	34.29 2.03 0.00	36.59 1.91 0.00	39.62 1.96 0.00	44.96 1.94 0.00	45.03 1.69 0.00	47.95 1.89 0.00	51.14 2.01 0.00	57.36 2.26 0.00	58.32 2.51 0.00	63.73 2.63 0.00	67.71 3.10 0.00	81.25 4.38 0.00	95.50 6.08 0.00	96.91 6.93 0.00	91.53 7.09 0.00	81.33 5.79 -0.39	69.73 5.22 0.00	59.41 3.94 0.00	53.35 3.35 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	42.87 1.09 0.00	37.71 0.88 0.00	34.81 0.85 0.00	32.11 0.75 0.00	31.74 0.77 0.00	33.13 0.87 0.00	35.41 0.73 0.00	38.45 0.79 0.00	43.80 0.77 0.00	44.12 0.78 0.00	46.98 0.92 0.00	50.26 1.13 0.00	56.70 1.60 0.00	57.71 1.90 0.00	63.05 1.96 0.00	66.74 2.13 0.00	80.02 3.15 0.00	93.71 4.29 0.00	94.84 4.86 0.00	89.17 4.73 0.00	78.76 3.61 0.00	67.80 3.29 0.00	57.63 2.16 0.00	51.60 1.60 0.00
ETNA____115KV_TB2 80207	42.87 1.09 0.00	37.71 0.88 0.00	34.81 0.85 0.00	32.11 0.75 0.00	31.74 0.77 0.00	33.13 0.87 0.00	35.41 0.73 0.00	38.45 0.79 0.00	43.80 0.77 0.00	44.12 0.78 0.00	46.98 0.92 0.00	50.26 1.13 0.00	56.70 1.60 0.00	57.71 1.90 0.00	63.05 1.96 0.00	66.74 2.13 0.00	80.02 3.15 0.00	93.71 4.29 0.00	94.84 4.86 0.00	89.17 4.73 0.00	78.76 3.61 0.00	67.80 3.29 0.00	57.63 2.16 0.00	51.60 1.60 0.00
EUCLID__115KV_TB2 356179	41.45 -0.33 0.00	36.53 -0.29 0.00	33.69 -0.27 0.00	31.08 -0.28 0.00	30.69 -0.28 0.00	32.00 -0.26 0.00	34.30 -0.38 0.00	37.21 -0.45 0.00	42.51 -0.52 0.00	42.90 -0.43 0.00	45.74 -0.32 0.00	48.98 -0.15 0.00	55.15 0.06 0.00	56.03 0.22 0.00	61.22 0.12 0.00	64.74 0.13 0.00	77.41 0.54 0.00	90.31 0.89 0.00	90.97 0.99 0.00	85.37 0.93 0.00	75.46 0.30 0.00	64.89 0.39 0.00	55.41 -0.06 0.00	49.80 -0.20 0.00
E_CANADA_CAP_HY 24051	44.84 3.05 0.00	39.40 2.58 0.00	36.24 2.28 0.00	33.43 2.07 0.00	33.08 2.11 0.00	34.55 2.29 0.00	36.87 2.19 0.00	39.66 1.99 0.00	44.75 1.72 0.00	44.64 1.30 0.00	47.35 1.29 0.00	50.45 1.33 0.00	56.37 1.27 0.00	57.32 1.51 0.00	62.75 1.65 0.00	66.74 2.13 0.00	80.25 3.38 0.00	94.69 5.27 0.00	96.64 6.66 0.00	91.70 7.26 0.00	81.99 6.31 -0.52	70.18 5.68 0.00	59.74 4.27 0.00	53.75 3.75 0.00
E_CANADA_MHWK_HY 24050	42.67 0.88 0.00	37.64 0.81 0.00	34.68 0.71 0.00	32.02 0.66 0.00	31.65 0.68 0.00	33.00 0.74 0.00	35.41 0.73 0.00	38.46 0.79 0.00	43.84 0.82 0.00	44.07 0.74 0.00	46.84 0.78 0.00	50.01 0.89 0.00	56.09 0.99 0.00	56.87 1.06 0.00	62.07 0.97 0.00	65.83 1.22 0.00	78.49 1.62 0.00	91.65 2.24 0.00	92.31 2.34 0.00	86.55 2.11 0.00	76.66 1.50 0.00	65.86 1.36 0.00	56.47 1.00 0.00	50.80 0.80 0.00
E_FISHKILL__LBMP 23776	44.67 2.88 0.00	39.40 2.58 0.00	36.20 2.24 0.00	33.46 2.10 0.00	32.98 2.01 0.00	34.36 2.10 0.00	36.97 2.29 0.00	40.45 2.79 0.00	45.95 2.93 0.00	46.24 2.90 0.00	49.01 2.95 0.00	51.98 2.85 0.00	58.18 3.09 0.00	58.82 3.01 0.00	64.40 3.30 0.00	69.26 4.65 0.00	83.02 6.15 0.00	97.91 8.49 0.00	97.90 7.92 0.00	91.45 7.01 0.00	80.12 4.96 0.00	68.18 3.68 0.00	58.69 3.22 0.00	53.05 3.05 0.00
FALCON__SEABRD_CC1 323796	41.91 0.13 0.00	36.86 0.04 0.00	34.03 0.07 0.00	31.42 0.06 0.00	31.09 0.12 0.00	32.29 0.03 0.00	34.96 0.28 0.00	38.00 0.34 0.00	43.76 0.73 0.00	44.07 0.74 0.00	46.29 0.23 0.00	48.93 -0.20 0.00	54.11 -0.99 0.00	54.36 -1.45 0.00	59.70 -1.40 0.00	62.67 -1.94 0.00	74.03 -2.84 0.00	83.71 -4.56 1.14	84.41 -4.32 1.25	80.22 -3.63 0.59	72.75 -2.41 0.00	62.19 -2.32 0.00	54.03 -1.44 0.00	49.40 -0.60 0.00
FALCON__SEABRD_CC2 323797	41.91 0.13 0.00	36.86 0.04 0.00	34.03 0.07 0.00	31.42 0.06 0.00	31.09 0.12 0.00	32.29 0.03 0.00	34.96 0.28 0.00	38.00 0.34 0.00	43.76 0.73 0.00	44.07 0.74 0.00	46.29 0.23 0.00	48.93 -0.20 0.00	54.11 -0.99 0.00	54.36 -1.45 0.00	59.70 -1.40 0.00	62.67 -1.94 0.00	74.03 -2.84 0.00	83.71 -4.56 1.14	84.41 -4.32 1.25	80.22 -3.63 0.59	72.75 -2.41 0.00	62.19 -2.32 0.00	54.03 -1.44 0.00	49.40 -0.60 0.00

FAR ROCKAWAY___4 23548	47.68 5.14 -0.75	41.36 4.53 0.00	37.94 3.97 0.00	34.97 3.61 0.00	34.32 3.34 0.00	35.74 3.48 0.00	38.63 3.95 0.00	42.45 4.78 0.00	48.23 5.21 0.00	48.67 5.33 0.00	51.59 5.53 0.00	54.34 5.21 0.00	60.83 5.73 0.00	61.50 5.69 0.00	67.57 6.48 0.00	121.47 8.53 -48.34	161.48 11.07 -73.54	111.33 14.40 -7.52	103.57 13.59 0.00	99.08 12.41 -2.23	84.25 9.09 0.00	71.47 6.97 0.00	66.82 6.55 -4.81	55.50 5.45 -0.05
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	45.67 3.89 0.00	40.25 3.42 0.00	36.88 2.92 0.00	34.09 2.73 0.00	33.57 2.60 0.00	35.03 2.77 0.00	37.80 3.12 0.00	41.50 3.84 0.00	47.20 4.17 0.00	47.67 4.33 0.00	50.48 4.42 0.00	53.50 4.37 0.00	59.78 4.68 0.00	60.33 4.52 0.00	65.99 4.89 0.00	71.14 6.53 0.00	85.48 8.61 0.00	100.86 11.45 0.00	100.42 10.44 0.00	93.81 9.37 0.00	81.77 6.61 0.00	69.34 4.84 0.00	59.96 4.49 0.00	54.05 4.05 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	45.72 3.93 0.00	40.25 3.42 0.00	36.92 2.95 0.00	34.09 2.73 0.00	33.60 2.63 0.00	35.03 2.77 0.00	37.84 3.16 0.00	41.50 3.84 0.00	47.20 4.17 0.00	47.67 4.33 0.00	50.48 4.42 0.00	53.50 4.37 0.00	59.78 4.68 0.00	60.33 4.52 0.00	65.99 4.89 0.00	71.20 6.59 0.00	85.48 8.61 0.00	100.95 11.53 0.00	100.51 10.53 0.00	93.89 9.46 0.00	81.77 6.61 0.00	69.41 4.90 0.00	59.96 4.49 0.00	54.05 4.05 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	45.67 3.89 0.00	40.21 3.39 0.00	36.88 2.92 0.00	34.06 2.70 0.00	33.57 2.60 0.00	35.00 2.74 0.00	37.80 3.12 0.00	41.50 3.84 0.00	47.20 4.17 0.00	47.63 4.29 0.00	50.48 4.42 0.00	53.45 4.32 0.00	59.73 4.63 0.00	60.28 4.46 0.00	65.99 4.89 0.00	71.14 6.53 0.00	85.41 8.53 0.00	100.77 11.36 0.00	100.33 10.35 0.00	93.73 9.29 0.00	81.69 6.54 0.00	69.28 4.77 0.00	59.91 4.44 0.00	54.00 4.00 0.00
FARRAGUT___LBMP 323566	45.63 3.84 0.00	40.18 3.35 0.00	36.85 2.89 0.00	34.06 2.70 0.00	33.54 2.57 0.00	34.97 2.71 0.00	37.77 3.09 0.00	41.43 3.77 0.00	47.12 4.09 0.00	47.58 4.25 0.00	50.44 4.38 0.00	53.40 4.27 0.00	59.67 4.57 0.00	60.22 4.41 0.00	65.86 4.77 0.00	71.01 6.40 0.00	85.25 8.38 0.00	100.68 11.27 0.00	100.24 10.26 0.00	93.64 9.20 0.00	81.62 6.46 0.00	69.21 4.71 0.00	59.85 4.38 0.00	53.95 3.95 0.00
FENNER___WINDPWR 24204	42.79 1.00 0.00	37.67 0.85 0.00	34.78 0.81 0.00	32.05 0.69 0.00	31.71 0.74 0.00	33.10 0.84 0.00	35.44 0.76 0.00	38.49 0.83 0.00	43.93 0.91 0.00	44.16 0.82 0.00	47.07 1.01 0.00	50.30 1.18 0.00	56.59 1.49 0.00	57.48 1.67 0.00	62.81 1.71 0.00	66.55 1.94 0.00	79.56 2.69 0.00	93.33 3.67 -0.25	94.48 4.23 -0.27	88.70 4.14 -0.13	78.31 3.16 0.00	67.34 2.84 0.00	57.41 1.94 0.00	51.50 1.50 0.00
FIBERTEK___ENERGY 23856	41.87 0.08 0.00	36.86 0.04 0.00	34.00 0.03 0.00	31.36 0.00 0.00	30.97 0.00 0.00	32.32 0.06 0.00	34.65 -0.03 0.00	37.63 -0.04 0.00	42.98 -0.04 0.00	43.38 0.04 0.00	46.24 0.18 0.00	49.52 0.39 0.00	55.76 0.66 0.00	56.37 0.56 0.00	61.59 0.49 0.00	65.13 0.52 0.00	77.87 1.00 0.00	90.85 1.43 0.00	91.60 1.62 0.00	85.96 1.52 0.00	75.98 0.83 0.00	65.41 0.90 0.00	55.86 0.39 0.00	50.35 0.35 0.00
FITZPATRICK___ 23598	40.78 -1.00 0.00	35.94 -0.88 0.00	33.15 -0.82 0.00	30.58 -0.78 0.00	30.20 -0.77 0.00	31.49 -0.77 0.00	33.75 -0.93 0.00	36.65 -1.02 0.00	41.82 -1.20 0.00	42.26 -1.08 0.00	45.00 -1.06 0.00	48.05 -1.08 0.00	54.11 -0.99 0.00	54.92 -0.90 0.00	60.00 -1.10 0.00	63.45 -1.16 0.00	75.72 -1.15 0.00	88.25 -1.16 0.00	88.90 -1.08 0.00	83.43 -1.01 0.00	73.95 -1.21 0.00	63.54 -0.97 0.00	54.36 -1.11 0.00	48.90 -1.10 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	45.17 3.38 0.00	39.85 3.02 0.00	36.58 2.62 0.00	33.81 2.45 0.00	33.29 2.32 0.00	34.71 2.45 0.00	37.35 2.67 0.00	40.79 3.13 0.00	46.38 3.36 0.00	46.63 3.29 0.00	49.52 3.45 0.00	52.62 3.49 0.00	59.01 3.91 0.00	59.72 3.91 0.00	65.50 4.40 0.00	70.55 5.94 0.00	84.71 7.84 0.00	100.06 10.64 0.00	100.06 10.08 0.00	93.47 9.03 0.00	81.84 6.69 0.00	69.47 4.97 0.00	59.68 4.22 0.00	53.80 3.80 0.00
FORT ORANGE___ 23900	42.92 1.13 0.00	37.86 1.03 0.00	34.91 0.95 0.00	32.33 0.97 0.00	31.87 0.90 0.00	33.16 0.90 0.00	35.58 0.90 0.00	38.57 0.90 0.00	43.80 0.78 0.00	43.90 0.56 0.00	46.06 0.00 0.00	49.03 -0.10 0.00	54.83 -0.27 0.00	55.25 -0.56 0.00	59.58 -0.61 0.90	63.61 0.13 1.13	77.13 0.46 0.20	89.97 1.52 0.96	90.53 1.53 0.98	84.97 1.18 0.65	73.52 0.45 2.08	64.64 0.13 0.00	55.41 -0.06 0.00	50.05 0.05 0.00
FORT_DRUM_COGEN 23780	42.83 1.04 0.00	37.71 0.88 0.00	34.78 0.82 0.00	31.99 0.63 0.00	31.78 0.81 0.00	33.23 0.97 0.00	35.48 0.80 0.00	38.60 0.94 0.00	43.97 0.95 0.00	43.81 0.48 0.00	46.71 0.64 0.00	50.06 0.93 0.00	56.15 1.05 0.00	57.09 1.28 0.00	62.14 1.04 0.00	65.77 1.16 0.00	78.64 1.77 0.00	94.22 3.13 -1.67	96.67 4.86 -1.83	90.79 5.49 -0.87	79.36 4.21 0.00	68.31 3.81 0.00	57.96 2.50 0.00	51.75 1.75 0.00
FOX_HILLS___ESR 323835	45.98 4.18 -0.01	40.47 3.65 0.00	37.12 3.16 0.00	34.25 2.89 0.00	33.73 2.76 0.00	35.00 2.74 0.00	37.84 3.16 0.00	41.50 3.84 0.00	47.07 4.04 0.00	47.45 4.12 0.00	50.34 4.28 0.00	53.30 4.18 0.00	59.34 4.24 0.00	49.58 4.13 10.36	50.60 3.97 14.47	58.38 5.69 11.92	72.28 7.61 12.20	94.07 10.46 5.81	87.61 9.27 11.64	86.09 8.44 6.80	66.26 6.01 14.91	56.83 4.26 11.93	52.76 3.94 6.64	49.98 3.65 3.67
FPL_FAR_ROCK_GT1 24212	47.68 5.14 -0.75	41.36 4.53 -0.01	38.01 4.04 -0.01	34.97 3.60 0.00	34.32 3.35 0.00	35.75 3.49 0.00	38.60 3.92 0.00	42.45 4.78 -0.01	48.02 4.99 0.00	48.46 5.11 -0.01	51.46 5.39 -0.01	54.68 5.55 0.00	60.88 5.78 0.00	61.45 5.63 0.00	67.57 6.47 0.00	121.54 8.59 -48.34	161.49 11.07 -73.54	111.42 14.48 -7.52	103.66 13.67 -0.01	99.08 12.42 -2.23	83.87 8.71 0.00	71.41 6.91 0.00	66.82 6.54 -4.81	55.41 5.35 -0.05
FPL_FAR_ROCK_GT2 23815	47.68 5.14 -0.75	41.36 4.53 -0.01	38.01 4.04 -0.01	34.97 3.60 0.00	34.32 3.35 0.00	35.75 3.49 0.00	38.60 3.92 0.00	42.45 4.78 -0.01	48.02 4.99 0.00	48.46 5.11 -0.01	51.46 5.39 -0.01	54.68 5.55 0.00	60.88 5.78 0.00	61.45 5.63 0.00	67.57 6.47 0.00	121.54 8.59 -48.34	161.49 11.07 -73.54	111.42 14.48 -7.52	103.66 13.67 -0.01	99.08 12.42 -2.23	83.87 8.71 0.00	71.41 6.91 0.00	66.82 6.54 -4.81	55.41 5.35 -0.05
FRANKLIN_FALL_HYD 24054	41.87 0.08 0.00	36.79 -0.04 0.00	34.00 0.03 0.00	31.39 0.03 0.00	31.09 0.12 0.00	32.26 0.00 0.00	34.96 0.28 0.00	37.96 0.30 0.00	43.97 0.95 0.00	44.25 0.91 0.00	46.89 0.83 0.00	49.81 0.69 0.00	55.65 0.55 0.00	56.26 0.45 0.00	61.83 0.73 0.00	64.87 0.26 0.00	75.95 -0.92 0.00	83.21 -2.68 3.52	83.88 -2.25 3.85	81.09 -1.52 1.83	74.78 -0.38 0.00	64.05 -0.45 0.00	55.47 0.00 0.00	50.20 0.20 0.00

FREEPORT_EQUS_GT1 23764	47.30 4.76 -0.75	41.07 4.23 -0.01	37.71 3.74 -0.01	34.68 3.32 0.00	34.01 3.04 0.00	35.45 3.19 0.00	38.32 3.64 0.00	42.15 4.48 -0.01	47.63 4.61 0.00	48.03 4.68 -0.01	50.95 4.88 -0.01	54.09 4.96 0.00	60.11 5.01 0.00	60.61 4.80 0.00	66.78 5.68 0.00	89.72 7.68 -17.43	112.76 9.38 -26.52	104.74 12.61 -2.72	101.68 11.69 -0.01	95.80 10.55 -0.81	82.15 6.99 0.00	70.44 5.93 0.00	63.03 5.66 -1.90	54.61 4.60 -0.02
FREEPORT___CT2 23818	47.30 4.76 -0.75	41.07 4.23 -0.01	37.71 3.74 -0.01	34.68 3.32 0.00	34.01 3.04 0.00	35.45 3.19 0.00	38.32 3.64 0.00	42.15 4.48 -0.01	47.63 4.61 0.00	48.03 4.68 -0.01	50.95 4.88 -0.01	54.09 4.96 0.00	60.11 5.01 0.00	60.61 4.80 0.00	66.78 5.68 0.00	89.72 7.68 -17.43	112.76 9.38 -26.52	104.74 12.61 -2.72	101.68 11.69 -0.01	95.80 10.55 -0.81	82.15 6.99 0.00	70.44 5.93 0.00	63.03 5.66 -1.90	54.61 4.60 -0.02
FRESHKLS_33_KV_LOAD 356253	46.06 4.26 -0.01	40.55 3.72 0.00	37.19 3.23 0.00	34.31 2.95 0.00	33.79 2.82 0.00	35.03 2.77 0.00	37.87 3.19 0.00	41.54 3.88 0.00	46.99 3.96 0.00	47.37 4.03 0.00	50.19 4.15 0.02	53.19 4.08 0.02	59.28 4.19 0.01	49.51 4.07 10.37	50.52 3.91 14.49	58.36 5.69 11.93	72.27 7.61 12.22	94.05 10.46 5.83	87.69 9.36 11.65	86.07 8.44 6.81	66.18 5.94 14.91	56.77 4.19 11.93	52.71 3.88 6.64	49.86 3.55 3.69
FULTON COGEN____ 23766	41.12 -0.67 0.00	36.20 -0.63 0.00	33.39 -0.58 0.00	30.80 -0.56 0.00	30.44 -0.53 0.00	31.74 -0.52 0.00	34.02 -0.66 0.00	36.95 -0.72 0.00	42.21 -0.82 0.00	42.56 -0.78 0.00	45.37 -0.69 0.00	48.54 -0.59 0.00	54.60 -0.50 0.00	55.42 -0.39 0.00	60.55 -0.55 0.00	64.09 -0.52 0.00	76.57 -0.31 0.00	89.62 0.00 -0.21	90.38 0.18 -0.23	84.80 0.25 -0.11	74.85 -0.30 0.00	64.38 -0.13 0.00	54.97 -0.50 0.00	49.35 -0.65 0.00
FULTON___LFGE 323630	44.96 3.17 0.00	39.51 2.69 0.00	36.30 2.34 0.00	33.49 2.13 0.00	33.14 2.17 0.00	34.61 2.35 0.00	37.00 2.32 0.00	39.85 2.18 0.00	45.01 1.98 0.00	44.90 1.56 0.00	47.63 1.57 0.00	50.74 1.62 0.00	56.64 1.54 0.00	57.54 1.73 0.00	62.99 1.90 0.00	67.32 2.71 0.00	80.94 4.07 0.00	95.58 6.16 0.00	97.36 7.38 0.00	92.12 7.68 0.00	82.35 6.62 -0.58	70.18 5.68 0.00	59.74 4.27 0.00	53.80 3.80 0.00
G.F.CEMENT___DRP 24184	44.09 2.30 0.00	38.78 1.95 0.00	35.66 1.70 0.00	32.90 1.54 0.00	32.49 1.52 0.00	33.87 1.61 0.00	36.45 1.77 0.00	39.47 1.81 0.00	44.66 1.64 0.00	44.72 1.39 0.00	47.07 1.01 0.00	50.11 0.98 0.00	55.76 0.66 0.00	56.65 0.84 0.00	62.08 0.98 0.00	66.81 2.20 0.00	80.02 3.15 0.00	94.69 5.28 0.00	96.46 6.48 0.00	90.26 5.83 0.00	83.06 4.96 -2.94	68.38 3.87 0.00	58.19 2.72 0.00	52.55 2.55 0.00
GARDENVILLE___LBMP 24039	42.00 0.21 0.00	37.05 0.22 0.00	34.10 0.14 0.00	31.61 0.25 0.00	31.09 0.12 0.00	32.58 0.32 0.00	34.09 -0.59 0.00	36.38 -1.28 0.00	41.48 -1.55 0.00	42.69 -0.65 0.00	45.78 -0.28 0.00	49.37 0.25 0.00	56.81 1.71 0.00	58.55 2.73 0.00	63.42 2.32 0.00	65.84 1.23 0.00	79.18 2.31 0.00	92.28 2.86 0.00	92.59 2.61 0.00	87.22 2.79 0.00	76.21 1.05 0.00	66.18 1.68 0.00	56.19 0.72 0.00	50.55 0.55 0.00
GARDNVLA_35_KV_LD 355827	42.12 0.33 0.00	37.19 0.37 0.00	34.23 0.27 0.00	31.71 0.34 0.00	31.19 0.22 0.00	32.68 0.42 0.00	34.23 -0.45 0.00	36.57 -1.09 0.00	41.74 -1.29 0.00	42.95 -0.39 0.00	46.11 0.05 0.00	49.77 0.64 0.00	57.25 2.15 0.00	59.05 3.24 0.00	64.03 2.93 0.00	66.42 1.81 0.00	79.87 3.00 0.00	93.08 3.67 0.00	93.31 3.33 0.00	87.90 3.46 0.00	76.73 1.58 0.00	66.63 2.13 0.00	56.58 1.11 0.00	50.85 0.85 0.00
GELCKHM___115KV_LOAD 80723	41.62 -0.17 0.00	36.64 -0.18 0.00	33.79 -0.17 0.00	31.17 -0.19 0.00	30.78 -0.19 0.00	32.13 -0.13 0.00	34.40 -0.28 0.00	37.36 -0.30 0.00	42.68 -0.34 0.00	43.08 -0.26 0.00	45.92 -0.14 0.00	49.18 0.05 0.00	55.37 0.28 0.00	56.15 0.33 0.00	61.34 0.24 0.00	64.87 0.26 0.00	77.49 0.61 0.00	90.49 1.07 0.00	91.15 1.17 0.00	85.54 1.10 0.00	75.61 0.45 0.00	65.09 0.58 0.00	55.58 0.11 0.00	50.00 0.00 0.00
GENERAL___MILLS 23808	42.04 0.25 0.00	37.12 0.29 0.00	34.17 0.20 0.00	31.64 0.28 0.00	31.13 0.15 0.00	32.62 0.35 0.00	34.16 -0.52 0.00	36.50 -1.17 0.00	41.65 -1.38 0.00	42.86 -0.48 0.00	45.97 -0.09 0.00	49.62 0.49 0.00	57.08 1.98 0.00	58.88 3.07 0.00	63.79 2.69 0.00	66.23 1.62 0.00	79.56 2.69 0.00	92.72 3.31 0.00	93.04 3.06 0.00	87.56 3.12 0.00	76.43 1.28 0.00	66.44 1.94 0.00	56.41 0.94 0.00	50.75 0.75 0.00
GE_PLASTICS___DRP 24183	42.83 1.04 0.00	37.82 0.99 0.00	34.88 0.92 0.00	32.24 0.88 0.00	31.81 0.84 0.00	33.10 0.84 0.00	35.51 0.83 0.00	38.53 0.87 0.00	43.85 0.82 0.00	44.07 0.74 0.00	46.71 0.64 0.00	49.67 0.54 0.00	55.48 0.39 0.00	55.41 -0.33 0.06	44.77 -0.43 15.90	44.83 0.19 19.97	73.85 0.54 3.56	73.77 1.34 16.99	73.85 1.17 17.30	73.85 0.93 11.52	73.92 0.23 1.46	64.57 0.06 0.00	55.41 -0.06 0.00	50.00 0.00 0.00
GILBOA___1 23756	43.25 1.46 0.00	38.15 1.32 0.00	35.15 1.19 0.00	32.58 1.22 0.00	32.15 1.18 0.00	33.49 1.23 0.00	35.82 1.14 0.00	39.02 1.35 0.00	44.36 1.34 0.00	44.60 1.26 0.00	47.30 1.24 0.00	50.45 1.33 0.00	56.53 1.43 0.00	57.15 1.34 0.00	62.56 1.46 0.00	66.48 1.87 0.00	79.49 2.62 0.00	93.00 3.58 0.00	93.31 3.33 0.00	87.47 3.04 0.00	77.19 2.03 0.00	66.38 1.87 0.00	57.02 1.55 0.00	51.40 1.40 0.00
GILBOA___2 23757	43.25 1.46 0.00	38.15 1.32 0.00	35.15 1.19 0.00	32.58 1.22 0.00	32.15 1.18 0.00	33.49 1.23 0.00	35.82 1.14 0.00	39.02 1.35 0.00	44.36 1.34 0.00	44.60 1.26 0.00	47.30 1.24 0.00	50.45 1.33 0.00	56.53 1.43 0.00	57.15 1.34 0.00	62.56 1.46 0.00	66.48 1.87 0.00	79.49 2.62 0.00	93.00 3.58 0.00	93.31 3.33 0.00	87.47 3.04 0.00	77.19 2.03 0.00	66.38 1.87 0.00	57.02 1.55 0.00	51.40 1.40 0.00
GILBOA___3 23758	43.25 1.46 0.00	38.15 1.32 0.00	35.15 1.19 0.00	32.58 1.22 0.00	32.15 1.18 0.00	33.49 1.23 0.00	35.82 1.14 0.00	39.02 1.35 0.00	44.36 1.34 0.00	44.60 1.26 0.00	47.30 1.24 0.00	50.45 1.33 0.00	56.53 1.43 0.00	57.15 1.34 0.00	62.56 1.46 0.00	66.48 1.87 0.00	79.49 2.62 0.00	93.00 3.58 0.00	93.31 3.33 0.00	87.47 3.04 0.00	77.19 2.03 0.00	66.38 1.87 0.00	57.02 1.55 0.00	51.40 1.40 0.00
GILBOA___4 23759	43.25 1.46 0.00	38.15 1.32 0.00	35.15 1.19 0.00	32.58 1.22 0.00	32.15 1.18 0.00	33.49 1.23 0.00	35.82 1.14 0.00	39.02 1.35 0.00	44.36 1.34 0.00	44.60 1.26 0.00	47.30 1.24 0.00	50.45 1.33 0.00	56.53 1.43 0.00	57.15 1.34 0.00	62.56 1.46 0.00	66.48 1.87 0.00	79.49 2.62 0.00	93.00 3.58 0.00	93.31 3.33 0.00	87.47 3.04 0.00	77.19 2.03 0.00	66.38 1.87 0.00	57.02 1.55 0.00	51.40 1.40 0.00

GILBOA____ 23599	43.25 1.46 0.00	38.15 1.33 0.00	35.25 1.29 0.00	32.58 1.22 0.00	32.15 1.18 0.00	33.52 1.26 0.00	35.82 1.14 0.00	39.02 1.36 0.00	44.36 1.33 0.00	44.64 1.30 0.00	47.40 1.34 0.00	50.40 1.28 0.00	56.53 1.43 0.00	57.15 1.34 0.00	62.56 1.47 0.00	66.68 2.07 0.00	79.49 2.61 0.00	92.99 3.58 0.00	93.31 3.33 0.00	87.48 3.04 0.00	77.26 2.10 0.00	66.44 1.94 0.00	57.02 1.55 0.00	51.45 1.45 0.00
GINNA____ 23603	40.24 -1.55 0.00	35.46 -1.36 0.00	32.81 -1.15 0.00	30.17 -1.19 0.00	29.73 -1.24 0.00	31.07 -1.19 0.00	33.02 -1.66 0.00	35.70 -1.96 0.00	40.84 -2.19 0.00	41.86 -1.47 0.00	45.05 -1.01 0.00	48.09 -1.03 0.00	54.93 -0.16 0.00	56.15 0.34 0.00	61.22 0.12 0.00	64.48 -0.13 0.00	77.03 0.15 0.00	89.68 0.27 0.00	90.07 0.09 0.00	84.69 0.25 0.00	74.63 -0.52 0.00	64.44 -0.06 0.00	54.58 -0.89 0.00	48.85 -1.15 0.00
GLEN PARK____ 23778	43.04 1.25 0.00	37.90 1.07 0.00	34.95 0.99 0.00	32.11 0.75 0.00	31.93 0.96 0.00	33.39 1.13 0.00	35.65 0.97 0.00	38.76 1.09 0.00	44.14 1.12 0.00	43.94 0.61 0.00	46.89 0.83 0.00	50.21 1.08 0.00	56.31 1.21 0.00	57.21 1.40 0.00	62.26 1.16 0.00	65.97 1.36 0.00	78.95 2.08 0.00	94.58 3.58 -1.58	97.20 5.49 -1.73	91.51 6.25 -0.82	80.04 4.88 0.00	68.95 4.45 0.00	58.41 2.94 0.00	52.20 2.20 0.00
GLENDALE_27_KV_LOAD 356172	46.06 4.26 -0.01	40.47 3.65 0.00	37.19 3.23 0.00	34.34 2.98 0.00	33.85 2.88 0.00	35.20 2.94 0.00	38.11 3.43 0.00	41.84 4.18 0.00	47.59 4.56 0.00	48.02 4.68 0.00	50.94 4.88 0.00	53.94 4.81 0.00	60.06 4.96 0.00	60.72 4.91 0.00	65.92 4.83 0.00	71.07 6.46 0.00	85.48 8.61 0.00	100.95 11.53 0.00	100.33 10.35 0.00	93.81 9.37 0.00	81.77 6.61 0.00	69.34 4.84 0.00	60.18 4.71 0.00	54.30 4.30 0.00
GLENWOOD_IC_1_G5 23712	46.85 4.30 -0.75	40.62 3.79 0.00	37.26 3.29 0.00	34.37 3.01 0.00	33.79 2.82 0.00	35.23 2.97 0.00	38.04 3.36 0.00	41.77 4.11 0.00	47.46 4.43 0.00	47.89 4.55 0.00	50.85 4.79 0.00	53.65 4.52 0.00	60.06 4.96 0.00	60.28 4.46 0.00	66.17 5.07 0.00	83.25 6.85 -11.79	103.80 8.99 -17.94	103.15 11.89 -1.84	100.96 10.98 0.00	94.87 9.88 -0.55	82.14 6.99 0.00	69.67 5.16 0.00	61.46 4.71 -1.28	54.36 4.35 -0.01
GLENWOOD_IC_2_G1 23688	46.51 3.97 -0.75	40.33 3.50 -0.01	37.06 3.09 -0.01	34.15 2.79 0.00	33.60 2.63 0.00	35.04 2.77 0.00	37.80 3.12 0.00	41.51 3.84 -0.01	47.07 4.04 0.00	47.42 4.07 -0.01	50.26 4.19 -0.01	53.45 4.32 0.00	59.62 4.52 0.00	60.17 4.36 0.00	65.99 4.89 0.00	77.17 6.59 -5.96	94.55 8.61 -9.07	101.89 11.54 -0.93	100.60 10.61 -0.01	94.26 9.54 -0.28	81.69 6.54 0.00	69.54 5.03 0.00	60.69 4.60 -0.62	53.95 3.95 0.00
GLENWOOD_IC_3_G1 23689	46.51 3.97 -0.75	40.33 3.50 -0.01	37.06 3.09 -0.01	34.15 2.79 0.00	33.60 2.63 0.00	35.04 2.77 0.00	37.80 3.12 0.00	41.51 3.84 -0.01	47.07 4.04 0.00	47.42 4.07 -0.01	50.26 4.19 -0.01	53.45 4.32 0.00	59.62 4.52 0.00	60.17 4.36 0.00	65.99 4.89 0.00	77.17 6.59 -5.96	94.55 8.61 -9.07	101.89 11.54 -0.93	100.60 10.61 -0.01	94.26 9.54 -0.28	81.69 6.54 0.00	69.54 5.03 0.00	60.69 4.60 -0.62	53.95 3.95 0.00
GLENWOOD____4 23550	46.85 4.30 -0.75	40.62 3.79 0.00	37.26 3.29 0.00	34.37 3.01 0.00	33.79 2.82 0.00	35.23 2.97 0.00	38.04 3.36 0.00	41.77 4.11 0.00	47.46 4.43 0.00	47.89 4.55 0.00	50.85 4.79 0.00	53.65 4.52 0.00	60.06 4.96 0.00	60.44 4.63 0.00	66.35 5.25 0.00	83.44 7.04 -11.79	103.96 9.15 -17.94	103.33 12.07 -1.84	101.23 11.25 0.00	95.12 10.13 -0.55	82.37 7.21 0.00	69.86 5.35 0.00	61.63 4.88 -1.28	54.36 4.35 -0.01
GLENWOOD____5 23614	46.85 4.30 -0.75	40.62 3.79 0.00	37.26 3.29 0.00	34.37 3.01 0.00	33.79 2.82 0.00	35.23 2.97 0.00	38.04 3.36 0.00	41.77 4.11 0.00	47.46 4.43 0.00	47.89 4.55 0.00	50.85 4.79 0.00	53.65 4.52 0.00	60.06 4.96 0.00	60.44 4.63 0.00	66.35 5.25 0.00	83.44 7.04 -11.79	103.96 9.15 -17.94	103.33 12.07 -1.84	101.23 11.25 0.00	95.12 10.13 -0.55	82.37 7.21 0.00	69.86 5.35 0.00	61.63 4.88 -1.28	54.36 4.35 -0.01
GLOBAL GREEN_PORT_GT1 23814	49.27 6.73 -0.75	42.58 5.74 -0.01	39.06 5.09 -0.01	35.85 4.48 0.00	35.06 4.09 0.00	36.55 4.29 0.00	39.57 4.89 0.00	43.70 6.02 -0.01	49.44 6.41 0.00	50.02 6.67 -0.01	53.62 7.55 -0.01	56.75 7.61 0.00	63.04 7.94 0.00	63.46 7.65 0.00	70.14 9.04 0.00	78.56 11.30 -2.64	95.41 14.53 -4.01	150.96 18.78 -42.76	156.99 17.55 -49.46	99.86 15.29 -0.14	85.30 10.14 0.00	72.18 7.67 0.00	62.01 6.27 -0.28	55.45 5.45 0.00
GLOBE____DSASP 323697	40.74 -1.04 0.00	35.94 -0.88 0.00	33.45 -0.51 0.00	30.67 -0.69 0.00	30.17 -0.81 0.00	31.58 -0.68 0.00	33.08 -1.60 0.00	35.21 -2.45 0.00	40.19 -2.84 0.00	41.34 -1.99 0.00	44.31 -1.75 0.00	47.85 -1.28 0.00	55.15 0.06 0.00	56.82 1.00 0.00	61.53 0.43 0.00	63.64 -0.97 0.00	76.41 -0.46 0.00	89.06 -0.36 0.00	89.17 -0.81 0.00	84.10 -0.34 0.00	73.58 -1.58 0.00	64.05 -0.45 0.00	54.53 -0.94 0.00	49.20 -0.80 0.00
GOETHSLN____LBMP 323567	45.38 3.59 0.00	39.99 3.17 0.00	36.65 2.68 0.00	33.87 2.51 0.00	33.39 2.42 0.00	34.81 2.55 0.00	37.59 2.91 0.00	41.28 3.62 0.00	46.90 3.87 0.00	47.37 4.03 0.00	50.16 4.10 0.00	53.10 3.98 0.01	59.34 4.24 0.00	49.41 3.96 10.37	50.95 4.34 14.49	58.62 5.94 11.93	72.51 7.84 12.21	94.24 10.64 5.82	87.96 9.63 11.65	86.24 8.61 6.81	66.09 5.86 14.92	56.82 4.26 11.95	52.81 3.99 6.65	49.92 3.60 3.68
GOLAH____69_KV_TB 1_2 80279	42.21 0.42 0.00	37.16 0.33 0.00	34.23 0.27 0.00	31.64 0.28 0.00	31.19 0.22 0.00	32.62 0.35 0.00	34.54 -0.14 0.00	37.17 -0.49 0.00	42.38 -0.65 0.00	43.38 0.04 0.00	46.48 0.41 0.00	50.01 0.88 0.00	57.30 2.20 0.00	58.71 2.90 0.00	63.85 2.75 0.00	66.68 2.07 0.00	80.18 3.31 0.00	93.53 4.11 0.00	93.76 3.78 0.00	88.49 4.05 0.00	77.49 2.33 0.00	67.28 2.77 0.00	57.08 1.61 0.00	51.20 1.20 0.00
GOODYEAR_LAKE_HYD 323669	43.92 2.13 0.00	38.70 1.88 0.00	35.66 1.70 0.00	32.90 1.54 0.00	32.55 1.58 0.00	34.00 1.74 0.00	36.31 1.63 0.00	39.51 1.85 0.00	44.96 1.94 0.00	45.16 1.82 0.00	48.13 2.07 0.00	51.34 2.21 0.00	57.63 2.53 0.00	58.49 2.68 0.00	63.91 2.81 0.00	67.97 3.36 0.00	81.33 4.46 0.00	95.41 5.99 0.00	96.28 6.30 0.00	90.52 6.08 0.00	79.82 4.66 0.00	68.63 4.13 0.00	58.63 3.16 0.00	52.70 2.70 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	42.58 0.79 0.00	37.53 0.70 0.00	34.61 0.65 0.00	31.99 0.63 0.00	31.59 0.62 0.00	32.97 0.71 0.00	35.10 0.42 0.00	38.08 0.41 0.00	43.37 0.34 0.00	43.86 0.52 0.00	46.80 0.74 0.00	50.06 0.93 0.00	56.48 1.38 0.00	57.54 1.73 0.00	62.81 1.71 0.00	66.42 1.81 0.00	79.56 2.69 0.00	92.99 3.58 0.00	93.67 3.69 0.00	87.98 3.55 0.00	77.49 2.33 0.00	66.76 2.26 0.00	57.02 1.55 0.00	51.20 1.20 0.00

GOUDEY___7 23579	42.58 0.79 0.00	37.53 0.70 0.00	34.61 0.65 0.00	31.99 0.63 0.00	31.59 0.62 0.00	32.97 0.71 0.00	35.10 0.42 0.00	38.08 0.41 0.00	43.37 0.34 0.00	43.86 0.52 0.00	46.80 0.74 0.00	50.06 0.93 0.00	56.48 1.38 0.00	57.54 1.73 0.00	62.81 1.71 0.00	66.42 1.81 0.00	79.56 2.69 0.00	92.99 3.58 0.00	93.67 3.69 0.00	87.98 3.55 0.00	77.49 2.33 0.00	66.76 2.26 0.00	57.02 1.55 0.00	51.20 1.20 0.00
GOUDEY___8 23580	42.58 0.79 0.00	37.53 0.70 0.00	34.61 0.65 0.00	31.99 0.63 0.00	31.59 0.62 0.00	32.97 0.71 0.00	35.10 0.42 0.00	38.08 0.41 0.00	43.37 0.34 0.00	43.86 0.52 0.00	46.80 0.74 0.00	50.06 0.93 0.00	56.48 1.38 0.00	57.54 1.73 0.00	62.81 1.71 0.00	66.42 1.81 0.00	79.56 2.69 0.00	92.99 3.58 0.00	93.67 3.69 0.00	87.98 3.55 0.00	77.49 2.33 0.00	66.76 2.26 0.00	57.02 1.55 0.00	51.20 1.20 0.00
GOWANUS_GT1_1 24077	45.98 4.18 -0.01	40.47 3.65 0.00	37.12 3.16 0.00	34.28 2.92 0.00	33.76 2.79 0.00	35.03 2.77 0.00	37.91 3.23 0.00	41.62 3.95 0.00	47.24 4.22 0.00	47.67 4.33 0.00	50.57 4.51 0.00	53.55 4.42 0.00	59.62 4.52 0.00	60.28 4.46 0.00	65.37 4.28 0.00	70.62 6.01 0.00	84.95 8.07 0.00	100.33 10.91 0.00	99.79 9.81 0.00	93.30 8.87 0.00	81.54 6.39 0.00	69.15 4.64 0.00	59.74 4.27 0.00	53.95 3.95 0.00
GOWANUS_GT1_2 24078	45.98 4.18 -0.01	40.47 3.65 0.00	37.12 3.16 0.00	34.28 2.92 0.00	33.76 2.79 0.00	35.03 2.77 0.00	37.91 3.23 0.00	41.62 3.95 0.00	47.24 4.22 0.00	47.67 4.33 0.00	50.57 4.51 0.00	53.55 4.42 0.00	59.62 4.52 0.00	60.28 4.46 0.00	65.37 4.28 0.00	70.62 6.01 0.00	84.95 8.07 0.00	100.33 10.91 0.00	99.79 9.81 0.00	93.30 8.87 0.00	81.54 6.39 0.00	69.15 4.64 0.00	59.74 4.27 0.00	53.95 3.95 0.00
GOWANUS_GT1_3 24079	45.98 4.18 -0.01	40.47 3.65 0.00	37.12 3.16 0.00	34.28 2.92 0.00	33.76 2.79 0.00	35.03 2.77 0.00	37.91 3.23 0.00	41.62 3.95 0.00	47.24 4.22 0.00	47.67 4.33 0.00	50.57 4.51 0.00	53.55 4.42 0.00	59.62 4.52 0.00	60.28 4.46 0.00	65.37 4.28 0.00	70.62 6.01 0.00	84.95 8.07 0.00	100.33 10.91 0.00	99.79 9.81 0.00	93.30 8.87 0.00	81.54 6.39 0.00	69.15 4.64 0.00	59.74 4.27 0.00	53.95 3.95 0.00
GOWANUS_GT1_4 24080	45.98 4.18 -0.01	40.47 3.65 0.00	37.12 3.16 0.00	34.28 2.92 0.00	33.76 2.79 0.00	35.03 2.77 0.00	37.91 3.23 0.00	41.62 3.95 0.00	47.24 4.22 0.00	47.67 4.33 0.00	50.57 4.51 0.00	53.55 4.42 0.00	59.62 4.52 0.00	60.28 4.46 0.00	65.37 4.28 0.00	70.62 6.01 0.00	84.95 8.07 0.00	100.33 10.91 0.00	99.79 9.81 0.00	93.30 8.87 0.00	81.54 6.39 0.00	69.15 4.64 0.00	59.74 4.27 0.00	53.95 3.95 0.00
GOWANUS_GT1_5 24084	45.98 4.18 -0.01	40.47 3.65 0.00	37.12 3.16 0.00	34.28 2.92 0.00	33.76 2.79 0.00	35.03 2.77 0.00	37.91 3.23 0.00	41.62 3.95 0.00	47.24 4.22 0.00	47.67 4.33 0.00	50.57 4.51 0.00	53.55 4.42 0.00	59.62 4.52 0.00	60.28 4.46 0.00	65.37 4.28 0.00	70.62 6.01 0.00	84.95 8.07 0.00	100.33 10.91 0.00	99.79 9.81 0.00	93.30 8.87 0.00	81.54 6.39 0.00	69.15 4.64 0.00	59.74 4.27 0.00	53.95 3.95 0.00
GOWANUS_GT1_6 24111	45.98 4.18 -0.01	40.47 3.65 0.00	37.12 3.16 0.00	34.28 2.92 0.00	33.76 2.79 0.00	35.03 2.77 0.00	37.91 3.23 0.00	41.62 3.95 0.00	47.24 4.22 0.00	47.67 4.33 0.00	50.57 4.51 0.00	53.55 4.42 0.00	59.62 4.52 0.00	60.28 4.46 0.00	65.37 4.28 0.00	70.62 6.01 0.00	84.95 8.07 0.00	100.33 10.91 0.00	99.79 9.81 0.00	93.30 8.87 0.00	81.54 6.39 0.00	69.15 4.64 0.00	59.74 4.27 0.00	53.95 3.95 0.00
GOWANUS_GT1_7 24112	45.98 4.18 -0.01	40.47 3.65 0.00	37.12 3.16 0.00	34.28 2.92 0.00	33.76 2.79 0.00	35.03 2.77 0.00	37.91 3.23 0.00	41.62 3.95 0.00	47.24 4.22 0.00	47.67 4.33 0.00	50.57 4.51 0.00	53.55 4.42 0.00	59.62 4.52 0.00	60.28 4.46 0.00	65.37 4.28 0.00	70.62 6.01 0.00	84.95 8.07 0.00	100.33 10.91 0.00	99.79 9.81 0.00	93.30 8.87 0.00	81.54 6.39 0.00	69.15 4.64 0.00	59.74 4.27 0.00	53.95 3.95 0.00
GOWANUS_GT1_8 24113	45.98 4.18 -0.01	40.47 3.65 0.00	37.12 3.16 0.00	34.28 2.92 0.00	33.76 2.79 0.00	35.03 2.77 0.00	37.91 3.23 0.00	41.62 3.95 0.00	47.24 4.22 0.00	47.67 4.33 0.00	50.57 4.51 0.00	53.55 4.42 0.00	59.62 4.52 0.00	60.28 4.46 0.00	65.37 4.28 0.00	70.62 6.01 0.00	84.95 8.07 0.00	100.33 10.91 0.00	99.79 9.81 0.00	93.30 8.87 0.00	81.54 6.39 0.00	69.15 4.64 0.00	59.74 4.27 0.00	53.95 3.95 0.00
GOWANUS_GT2_1 24114	45.97 4.18 -0.01	40.47 3.65 0.00	37.20 3.23 -0.01	34.28 2.92 0.00	33.76 2.79 0.00	35.04 2.77 0.00	37.88 3.19 -0.01	41.59 3.92 -0.01	47.21 4.17 -0.01	47.55 4.20 -0.01	50.35 4.28 -0.01	53.55 4.42 0.00	59.62 4.52 0.00	60.21 4.41 0.01	65.37 4.28 0.01	70.61 6.01 0.01	84.93 8.07 0.01	100.40 10.99 0.01	99.78 9.81 0.01	93.29 8.86 0.01	81.38 6.23 0.01	69.08 4.58 0.01	59.67 4.21 0.01	53.90 3.90 0.00
GOWANUS_GT2_2 24115	45.97 4.18 -0.01	40.47 3.65 0.00	37.20 3.23 -0.01	34.28 2.92 0.00	33.76 2.79 0.00	35.04 2.77 0.00	37.88 3.19 -0.01	41.59 3.92 -0.01	47.21 4.17 -0.01	47.55 4.20 -0.01	50.35 4.28 -0.01	53.55 4.42 0.00	59.62 4.52 0.00	60.21 4.41 0.01	65.37 4.28 0.01	70.61 6.01 0.01	84.93 8.07 0.01	100.40 10.99 0.01	99.78 9.81 0.01	93.29 8.86 0.01	81.38 6.23 0.01	69.08 4.58 0.01	59.67 4.21 0.01	53.90 3.90 0.00
GOWANUS_GT2_3 24116	45.97 4.18 -0.01	40.47 3.65 0.00	37.20 3.23 -0.01	34.28 2.92 0.00	33.76 2.79 0.00	35.04 2.77 0.00	37.88 3.19 -0.01	41.59 3.92 -0.01	47.21 4.17 -0.01	47.55 4.20 -0.01	50.35 4.28 -0.01	53.55 4.42 0.00	59.62 4.52 0.00	60.21 4.41 0.01	65.37 4.28 0.01	70.61 6.01 0.01	84.93 8.07 0.01	100.40 10.99 0.01	99.78 9.81 0.01	93.29 8.86 0.01	81.38 6.23 0.01	69.08 4.58 0.01	59.67 4.21 0.01	53.90 3.90 0.00
GOWANUS_GT2_4 24117	45.97 4.18 -0.01	40.47 3.65 0.00	37.20 3.23 -0.01	34.28 2.92 0.00	33.76 2.79 0.00	35.04 2.77 0.00	37.88 3.19 -0.01	41.59 3.92 -0.01	47.21 4.17 -0.01	47.55 4.20 -0.01	50.35 4.28 -0.01	53.55 4.42 0.00	59.62 4.52 0.00	60.21 4.41 0.01	65.37 4.28 0.01	70.61 6.01 0.01	84.93 8.07 0.01	100.40 10.99 0.01	99.78 9.81 0.01	93.29 8.86 0.01	81.38 6.23 0.01	69.08 4.58 0.01	59.67 4.21 0.01	53.90 3.90 0.00
GOWANUS_GT2_5 24118	45.97 4.18 -0.01	40.47 3.65 0.00	37.20 3.23 -0.01	34.28 2.92 0.00	33.76 2.79 0.00	35.04 2.77 0.00	37.88 3.19 -0.01	41.59 3.92 -0.01	47.21 4.17 -0.01	47.55 4.20 -0.01	50.35 4.28 -0.01	53.55 4.42 0.00	59.62 4.52 0.00	60.21 4.41 0.01	65.37 4.28 0.01	70.61 6.01 0.01	84.93 8.07 0.01	100.40 10.99 0.01	99.78 9.81 0.01	93.29 8.86 0.01	81.38 6.23 0.01	69.08 4.58 0.01	59.67 4.21 0.01	53.90 3.90 0.00

GOWANUS_GT2_6 24119	45.97 4.18 -0.01	40.47 3.65 0.00	37.20 3.23 -0.01	34.28 2.92 0.00	33.76 2.79 0.00	35.04 2.77 0.00	37.88 3.19 -0.01	41.59 3.92 -0.01	47.21 4.17 -0.01	47.55 4.20 -0.01	50.35 4.28 -0.01	53.55 4.42 0.00	59.62 4.52 0.00	60.21 4.41 0.01	65.37 4.28 0.01	70.61 6.01 0.01	84.93 8.07 0.01	100.40 10.99 0.01	99.78 9.81 0.01	93.29 8.86 0.01	81.38 6.23 0.01	69.08 4.58 0.01	59.67 4.21 0.01	53.90 3.90 0.00
GOWANUS_GT2_7 24120	45.97 4.18 -0.01	40.47 3.65 0.00	37.20 3.23 -0.01	34.28 2.92 0.00	33.76 2.79 0.00	35.04 2.77 0.00	37.88 3.19 -0.01	41.59 3.92 -0.01	47.21 4.17 -0.01	47.55 4.20 -0.01	50.35 4.28 -0.01	53.55 4.42 0.00	59.62 4.52 0.00	60.21 4.41 0.01	65.37 4.28 0.01	70.61 6.01 0.01	84.93 8.07 0.01	100.40 10.99 0.01	99.78 9.81 0.01	93.29 8.86 0.01	81.38 6.23 0.01	69.08 4.58 0.01	59.67 4.21 0.01	53.90 3.90 0.00
GOWANUS_GT2_8 24121	45.97 4.18 -0.01	40.47 3.65 0.00	37.20 3.23 -0.01	34.28 2.92 0.00	33.76 2.79 0.00	35.04 2.77 0.00	37.88 3.19 -0.01	41.59 3.92 -0.01	47.21 4.17 -0.01	47.55 4.20 -0.01	50.35 4.28 -0.01	53.55 4.42 0.00	59.62 4.52 0.00	60.21 4.41 0.01	65.37 4.28 0.01	70.61 6.01 0.01	84.93 8.07 0.01	100.40 10.99 0.01	99.78 9.81 0.01	93.29 8.86 0.01	81.38 6.23 0.01	69.08 4.58 0.01	59.67 4.21 0.01	53.90 3.90 0.00
GOWANUS_GT3_1 24122	45.97 4.18 -0.01	40.47 3.65 0.00	37.20 3.23 -0.01	34.28 2.92 0.00	33.76 2.79 0.00	35.04 2.77 0.00	37.91 3.23 -0.01	41.62 3.95 -0.01	47.26 4.22 -0.01	47.60 4.25 -0.01	50.40 4.33 -0.01	53.60 4.47 0.00	59.62 4.52 0.00	60.28 4.47 0.00	65.37 4.28 0.01	70.61 6.01 0.01	84.95 8.07 0.00	100.41 10.99 0.00	99.78 9.81 0.01	93.29 8.86 0.01	81.38 6.23 0.01	69.08 4.58 0.01	59.68 4.21 0.00	53.90 3.90 0.00
GOWANUS_GT3_2 24123	45.97 4.18 -0.01	40.47 3.65 0.00	37.20 3.23 -0.01	34.28 2.92 0.00	33.76 2.79 0.00	35.04 2.77 0.00	37.91 3.23 -0.01	41.62 3.95 -0.01	47.26 4.22 -0.01	47.60 4.25 -0.01	50.40 4.33 -0.01	53.60 4.47 0.00	59.62 4.52 0.00	60.28 4.47 0.00	65.37 4.28 0.01	70.61 6.01 0.01	84.95 8.07 0.00	100.41 10.99 0.00	99.78 9.81 0.01	93.29 8.86 0.01	81.38 6.23 0.01	69.08 4.58 0.01	59.68 4.21 0.00	53.90 3.90 0.00
GOWANUS_GT3_3 24124	45.97 4.18 -0.01	40.47 3.65 0.00	37.20 3.23 -0.01	34.28 2.92 0.00	33.76 2.79 0.00	35.04 2.77 0.00	37.91 3.23 -0.01	41.62 3.95 -0.01	47.26 4.22 -0.01	47.60 4.25 -0.01	50.40 4.33 -0.01	53.60 4.47 0.00	59.62 4.52 0.00	60.28 4.47 0.00	65.37 4.28 0.01	70.61 6.01 0.01	84.95 8.07 0.00	100.41 10.99 0.00	99.78 9.81 0.01	93.29 8.86 0.01	81.38 6.23 0.01	69.08 4.58 0.01	59.68 4.21 0.00	53.90 3.90 0.00
GOWANUS_GT3_4 24125	45.97 4.18 -0.01	40.47 3.65 0.00	37.20 3.23 -0.01	34.28 2.92 0.00	33.76 2.79 0.00	35.04 2.77 0.00	37.91 3.23 -0.01	41.62 3.95 -0.01	47.26 4.22 -0.01	47.60 4.25 -0.01	50.40 4.33 -0.01	53.60 4.47 0.00	59.62 4.52 0.00	60.28 4.47 0.00	65.37 4.28 0.01	70.61 6.01 0.01	84.95 8.07 0.00	100.41 10.99 0.00	99.78 9.81 0.01	93.29 8.86 0.01	81.38 6.23 0.01	69.08 4.58 0.01	59.68 4.21 0.00	53.90 3.90 0.00
GOWANUS_GT3_5 24126	45.97 4.18 -0.01	40.47 3.65 0.00	37.20 3.23 -0.01	34.28 2.92 0.00	33.76 2.79 0.00	35.04 2.77 0.00	37.91 3.23 -0.01	41.62 3.95 -0.01	47.26 4.22 -0.01	47.60 4.25 -0.01	50.40 4.33 -0.01	53.60 4.47 0.00	59.62 4.52 0.00	60.28 4.47 0.00	65.37 4.28 0.01	70.61 6.01 0.01	84.95 8.07 0.00	100.41 10.99 0.00	99.78 9.81 0.01	93.29 8.86 0.01	81.38 6.23 0.01	69.08 4.58 0.01	59.68 4.21 0.00	53.90 3.90 0.00
GOWANUS_GT3_6 24127	45.97 4.18 -0.01	40.47 3.65 0.00	37.20 3.23 -0.01	34.28 2.92 0.00	33.76 2.79 0.00	35.04 2.77 0.00	37.91 3.23 -0.01	41.62 3.95 -0.01	47.26 4.22 -0.01	47.60 4.25 -0.01	50.40 4.33 -0.01	53.60 4.47 0.00	59.62 4.52 0.00	60.28 4.47 0.00	65.37 4.28 0.01	70.61 6.01 0.01	84.95 8.07 0.00	100.41 10.99 0.00	99.78 9.81 0.01	93.29 8.86 0.01	81.38 6.23 0.01	69.08 4.58 0.01	59.68 4.21 0.00	53.90 3.90 0.00
GOWANUS_GT3_7 24128	45.97 4.18 -0.01	40.47 3.65 0.00	37.20 3.23 -0.01	34.28 2.92 0.00	33.76 2.79 0.00	35.04 2.77 0.00	37.91 3.23 -0.01	41.62 3.95 -0.01	47.26 4.22 -0.01	47.60 4.25 -0.01	50.40 4.33 -0.01	53.60 4.47 0.00	59.62 4.52 0.00	60.28 4.47 0.00	65.37 4.28 0.01	70.61 6.01 0.01	84.95 8.07 0.00	100.41 10.99 0.00	99.78 9.81 0.01	93.29 8.86 0.01	81.38 6.23 0.01	69.08 4.58 0.01	59.68 4.21 0.00	53.90 3.90 0.00
GOWANUS_GT3_8 24129	45.97 4.18 -0.01	40.47 3.65 0.00	37.20 3.23 -0.01	34.28 2.92 0.00	33.76 2.79 0.00	35.04 2.77 0.00	37.91 3.23 -0.01	41.62 3.95 -0.01	47.26 4.22 -0.01	47.60 4.25 -0.01	50.40 4.33 -0.01	53.60 4.47 0.00	59.62 4.52 0.00	60.28 4.47 0.00	65.37 4.28 0.01	70.61 6.01 0.01	84.95 8.07 0.00	100.41 10.99 0.00	99.78 9.81 0.01	93.29 8.86 0.01	81.38 6.23 0.01	69.08 4.58 0.01	59.68 4.21 0.00	53.90 3.90 0.00
GOWANUS_GT4_1 24130	45.98 4.18 -0.01	40.44 3.61 0.00	37.12 3.16 0.00	34.28 2.92 0.00	33.76 2.79 0.00	35.03 2.77 0.00	37.91 3.23 0.00	41.58 3.92 0.00	47.24 4.22 0.00	47.67 4.33 0.00	50.53 4.47 0.00	53.55 4.42 0.00	59.62 4.52 0.00	60.21 4.41 0.01	65.37 4.28 0.00	70.62 6.01 0.00	84.94 8.07 0.01	100.32 10.91 0.01	99.79 9.81 0.00	93.30 8.87 0.00	81.54 6.39 0.00	69.15 4.64 0.00	59.68 4.22 0.01	53.90 3.90 0.00
GOWANUS_GT4_2 24131	45.98 4.18 -0.01	40.44 3.61 0.00	37.12 3.16 0.00	34.28 2.92 0.00	33.76 2.79 0.00	35.03 2.77 0.00	37.91 3.23 0.00	41.58 3.92 0.00	47.24 4.22 0.00	47.67 4.33 0.00	50.53 4.47 0.00	53.55 4.42 0.00	59.62 4.52 0.00	60.21 4.41 0.01	65.37 4.28 0.00	70.62 6.01 0.00	84.94 8.07 0.01	100.32 10.91 0.01	99.79 9.81 0.00	93.30 8.87 0.00	81.54 6.39 0.00	69.15 4.64 0.00	59.68 4.22 0.01	53.90 3.90 0.00
GOWANUS_GT4_3 24132	45.98 4.18 -0.01	40.44 3.61 0.00	37.12 3.16 0.00	34.28 2.92 0.00	33.76 2.79 0.00	35.03 2.77 0.00	37.91 3.23 0.00	41.58 3.92 0.00	47.24 4.22 0.00	47.67 4.33 0.00	50.53 4.47 0.00	53.55 4.42 0.00	59.62 4.52 0.00	60.21 4.41 0.01	65.37 4.28 0.00	70.62 6.01 0.00	84.94 8.07 0.01	100.32 10.91 0.01	99.79 9.81 0.00	93.30 8.87 0.00	81.54 6.39 0.00	69.15 4.64 0.00	59.68 4.22 0.01	53.90 3.90 0.00
GOWANUS_GT4_4 24133	45.98 4.18 -0.01	40.44 3.61 0.00	37.12 3.16 0.00	34.28 2.92 0.00	33.76 2.79 0.00	35.03 2.77 0.00	37.91 3.23 0.00	41.58 3.92 0.00	47.24 4.22 0.00	47.67 4.33 0.00	50.53 4.47 0.00	53.55 4.42 0.00	59.62 4.52 0.00	60.21 4.41 0.01	65.37 4.28 0.00	70.62 6.01 0.00	84.94 8.07 0.01	100.32 10.91 0.01	99.79 9.81 0.00	93.30 8.87 0.00	81.54 6.39 0.00	69.15 4.64 0.00	59.68 4.22 0.01	53.90 3.90 0.00

GOWANUS_GT4_5 24134	45.98 4.18 -0.01	40.44 3.61 0.00	37.12 3.16 0.00	34.28 2.92 0.00	33.76 2.79 0.00	35.03 2.77 0.00	37.91 3.23 0.00	41.58 3.92 0.00	47.24 4.22 0.00	47.67 4.33 0.00	50.53 4.47 0.00	53.55 4.42 0.00	59.62 4.52 0.00	60.21 4.41 0.01	65.37 4.28 0.00	70.62 6.01 0.00	84.94 8.07 0.01	100.32 10.91 0.01	99.79 9.81 0.00	93.30 8.87 0.00	81.54 6.39 0.00	69.15 4.64 0.00	59.68 4.22 0.01	53.90 3.90 0.00
GOWANUS_GT4_6 24135	45.98 4.18 -0.01	40.44 3.61 0.00	37.12 3.16 0.00	34.28 2.92 0.00	33.76 2.79 0.00	35.03 2.77 0.00	37.91 3.23 0.00	41.58 3.92 0.00	47.24 4.22 0.00	47.67 4.33 0.00	50.53 4.47 0.00	53.55 4.42 0.00	59.62 4.52 0.00	60.21 4.41 0.01	65.37 4.28 0.00	70.62 6.01 0.00	84.94 8.07 0.01	100.32 10.91 0.01	99.79 9.81 0.00	93.30 8.87 0.00	81.54 6.39 0.00	69.15 4.64 0.00	59.68 4.22 0.01	53.90 3.90 0.00
GOWANUS_GT4_7 24136	45.98 4.18 -0.01	40.44 3.61 0.00	37.12 3.16 0.00	34.28 2.92 0.00	33.76 2.79 0.00	35.03 2.77 0.00	37.91 3.23 0.00	41.58 3.92 0.00	47.24 4.22 0.00	47.67 4.33 0.00	50.53 4.47 0.00	53.55 4.42 0.00	59.62 4.52 0.00	60.21 4.41 0.01	65.37 4.28 0.00	70.62 6.01 0.00	84.94 8.07 0.01	100.32 10.91 0.01	99.79 9.81 0.00	93.30 8.87 0.00	81.54 6.39 0.00	69.15 4.64 0.00	59.68 4.22 0.01	53.90 3.90 0.00
GOWANUS_GT4_8 24137	45.98 4.18 -0.01	40.44 3.61 0.00	37.12 3.16 0.00	34.28 2.92 0.00	33.76 2.79 0.00	35.03 2.77 0.00	37.91 3.23 0.00	41.58 3.92 0.00	47.24 4.22 0.00	47.67 4.33 0.00	50.53 4.47 0.00	53.55 4.42 0.00	59.62 4.52 0.00	60.21 4.41 0.01	65.37 4.28 0.00	70.62 6.01 0.00	84.94 8.07 0.01	100.32 10.91 0.01	99.79 9.81 0.00	93.30 8.87 0.00	81.54 6.39 0.00	69.15 4.64 0.00	59.68 4.22 0.01	53.90 3.90 0.00
GREATVRV_69_KV_BK1 356245	48.27 5.72 -0.75	41.72 4.90 0.00	38.17 4.21 0.00	35.12 3.76 0.00	34.41 3.44 0.00	35.87 3.61 0.00	38.84 4.16 0.00	42.82 5.16 0.00	48.62 5.59 0.00	49.14 5.81 0.00	52.19 6.13 0.00	54.30 5.16 -0.02	60.79 5.68 -0.01	61.46 5.64 -0.01	67.64 6.54 0.00	76.80 8.72 -3.47	93.30 11.15 -5.28	132.09 14.66 -28.01	136.00 13.95 -32.08	97.11 12.50 -0.17	84.19 9.02 -0.01	71.36 6.84 -0.01	62.01 6.16 -0.38	55.31 5.30 -0.01
GREENBSH_115KV_TB3 55895	42.62 0.84 0.00	37.67 0.85 0.00	34.78 0.82 0.00	32.18 0.82 0.00	31.71 0.74 0.00	33.00 0.74 0.00	35.41 0.73 0.00	38.38 0.72 0.00	43.67 0.65 0.00	43.86 0.52 0.00	46.43 0.37 0.00	49.32 0.20 0.00	55.04 -0.06 0.00	55.42 -0.39 0.00	60.61 -0.49 0.00	64.87 0.26 0.00	77.49 0.61 0.00	90.94 1.52 0.00	91.42 1.44 0.00	85.54 1.10 0.00	73.34 0.38 2.19	64.57 0.06 0.00	55.41 -0.06 0.00	50.05 0.05 0.00
GREENDGE_115KV_TB5 80291	42.71 0.92 0.00	37.56 0.74 0.00	34.64 0.68 0.00	31.99 0.63 0.00	31.56 0.59 0.00	33.03 0.77 0.00	35.10 0.42 0.00	37.93 0.26 0.00	43.20 0.17 0.00	43.81 0.48 0.00	46.84 0.78 0.00	49.91 0.79 0.00	56.70 1.60 0.00	57.99 2.18 0.00	63.30 2.20 0.00	66.55 1.94 0.00	79.72 2.84 0.00	92.19 2.77 0.00	93.22 3.24 0.00	88.32 3.88 0.00	78.24 3.08 0.00	67.54 3.03 0.00	57.19 1.72 0.00	51.10 1.10 0.00
GREENIDGE___3 23582	42.71 0.92 0.00	37.56 0.74 0.00	34.64 0.68 0.00	31.99 0.63 0.00	31.56 0.59 0.00	33.03 0.77 0.00	35.10 0.42 0.00	37.93 0.26 0.00	43.20 0.17 0.00	43.81 0.48 0.00	46.84 0.78 0.00	49.91 0.79 0.00	56.70 1.60 0.00	57.99 2.18 0.00	63.30 2.20 0.00	66.55 1.94 0.00	79.72 2.84 0.00	92.19 2.77 0.00	93.22 3.24 0.00	88.32 3.88 0.00	78.24 3.08 0.00	67.54 3.03 0.00	57.19 1.72 0.00	51.10 1.10 0.00
GREENIDGE___4 23583	42.71 0.92 0.00	37.56 0.74 0.00	34.78 0.81 0.00	31.96 0.59 0.00	31.56 0.59 0.00	33.03 0.77 0.00	35.13 0.45 0.00	37.93 0.27 0.00	43.24 0.22 0.00	43.99 0.65 0.00	47.12 1.06 0.00	49.91 0.78 0.00	56.70 1.60 0.00	57.99 2.17 0.00	63.29 2.20 0.00	66.74 2.13 0.00	80.03 3.15 0.00	92.10 2.68 0.00	93.21 3.23 0.00	88.32 3.89 0.00	78.38 3.23 0.00	67.60 3.10 0.00	57.19 1.72 0.00	51.10 1.10 0.00
GREENLWN_69_KV_BK 3 55738	46.93 4.39 -0.75	40.66 3.83 0.00	37.29 3.33 0.00	34.37 3.01 0.00	33.70 2.73 0.00	35.13 2.87 0.00	38.01 3.33 0.00	41.81 4.14 0.00	47.50 4.47 0.00	47.84 4.51 0.00	50.48 4.42 0.00	52.47 3.34 0.00	58.73 3.64 0.00	59.38 3.57 0.00	65.31 4.22 0.00	73.84 6.14 -3.10	89.73 8.15 -4.71	72.53 11.09 27.98	66.99 10.26 33.24	93.70 9.12 -0.15	81.17 6.01 0.00	68.76 4.26 0.00	59.95 4.16 -0.32	53.39 3.40 0.01
GREENWD_138_KV_38B11_REV_LBMP_J 345004	45.98 4.18 -0.01	40.47 3.65 0.00	37.12 3.16 0.00	34.28 2.92 0.00	33.76 2.79 0.00	35.03 2.77 0.00	37.91 3.23 0.00	41.62 3.95 0.00	47.24 4.22 0.00	47.67 4.33 0.00	50.57 4.51 0.00	53.55 4.42 0.00	59.62 4.52 0.00	60.28 4.46 0.00	65.37 4.28 0.00	70.62 6.01 0.00	84.95 8.07 0.00	100.33 10.91 0.00	99.79 9.81 0.00	93.30 8.87 0.00	81.54 6.39 0.00	69.15 4.64 0.00	59.74 4.27 0.00	53.95 3.95 0.00
GRISSOM___SOLAR 323813	44.80 3.01 0.00	39.37 2.54 0.00	36.20 2.24 0.00	33.40 2.04 0.00	33.05 2.08 0.00	34.48 2.22 0.00	36.90 2.22 0.00	39.77 2.11 0.00	45.01 1.98 0.00	44.94 1.60 0.00	47.63 1.57 0.00	50.80 1.67 0.00	56.70 1.60 0.00	57.54 1.73 0.00	63.05 1.95 0.00	67.39 2.78 0.00	80.94 4.07 0.00	95.50 6.08 0.00	97.18 7.20 0.00	91.70 7.26 0.00	81.98 6.23 -0.59	69.80 5.29 0.00	59.46 4.00 0.00	53.55 3.55 0.00
GROVEVILLE___HYD 323602	45.17 3.38 0.00	39.85 3.02 0.00	36.58 2.62 0.00	33.81 2.45 0.00	33.29 2.32 0.00	34.71 2.45 0.00	37.35 2.67 0.00	40.79 3.13 0.00	46.38 3.36 0.00	46.63 3.29 0.00	49.52 3.45 0.00	52.62 3.49 0.00	59.01 3.91 0.00	59.72 3.91 0.00	65.50 4.40 0.00	70.55 5.94 0.00	84.71 7.84 0.00	100.06 10.64 0.00	100.06 10.08 0.00	93.47 9.03 0.00	81.84 6.69 0.00	69.47 4.97 0.00	59.68 4.22 0.00	53.80 3.80 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	41.87 0.08 0.00	36.86 0.04 0.00	34.00 0.03 0.00	31.36 0.00 0.00	30.97 0.00 0.00	32.32 0.06 0.00	34.65 -0.03 0.00	37.63 -0.04 0.00	42.98 -0.04 0.00	43.38 0.04 0.00	46.24 0.18 0.00	49.52 0.39 0.00	55.76 0.66 0.00	56.37 0.56 0.00	61.59 0.49 0.00	65.13 0.52 0.00	77.87 1.00 0.00	90.85 1.43 0.00	91.60 1.62 0.00	85.96 1.52 0.00	75.98 0.83 0.00	65.41 0.90 0.00	55.86 0.39 0.00	50.35 0.35 0.00
HAMLTNNY_34_KV_TB 80303	42.04 0.25 0.00	37.01 0.18 0.00	34.13 0.17 0.00	31.49 0.13 0.00	31.09 0.12 0.00	32.45 0.19 0.00	34.71 0.03 0.00	37.70 0.04 0.00	43.03 0.00 0.00	43.51 0.17 0.00	46.48 0.41 0.00	49.81 0.69 0.00	56.20 1.10 0.00	57.15 1.34 0.00	62.44 1.34 0.00	65.90 1.29 0.00	78.87 2.00 0.00	92.10 2.68 0.00	92.77 2.79 0.00	87.14 2.70 0.00	76.96 1.80 0.00	66.25 1.74 0.00	56.41 0.94 0.00	50.65 0.65 0.00

HAMPSHIRE___PAPER_HYD 323593	42.16 0.38 0.00	37.09 0.26 0.00	34.23 0.27 0.00	31.55 0.19 0.00	31.28 0.31 0.00	32.58 0.32 0.00	35.06 0.38 0.00	37.93 0.27 0.00	43.41 0.39 0.00	43.42 0.09 0.00	46.20 0.14 0.00	49.37 0.25 0.00	55.32 0.22 0.00	56.09 0.28 0.00	61.10 0.00 0.00	64.09 -0.52 0.00	76.10 -0.77 0.00	94.58 -0.98 -6.14	96.69 0.00 -6.71	88.29 0.67 -3.18	75.83 0.67 0.00	65.34 0.84 0.00	56.35 0.88 0.00	50.75 0.75 0.00
HARDSCRABBLE_WT_PWR 323673	42.62 0.84 0.00	37.56 0.74 0.00	34.64 0.68 0.00	31.96 0.59 0.00	31.62 0.65 0.00	32.97 0.71 0.00	35.34 0.66 0.00	38.42 0.75 0.00	43.80 0.78 0.00	44.03 0.69 0.00	46.80 0.73 0.00	49.96 0.83 0.00	56.04 0.94 0.00	56.82 1.01 0.00	62.02 0.92 0.00	65.77 1.16 0.00	78.41 1.54 0.00	91.56 2.14 0.00	92.23 2.25 0.00	86.46 2.02 0.00	76.58 1.42 0.00	65.73 1.22 0.00	56.35 0.88 0.00	50.70 0.70 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	45.05 3.26 0.00	39.74 2.91 0.00	36.48 2.51 0.00	33.71 2.35 0.00	33.23 2.26 0.00	34.65 2.39 0.00	37.25 2.57 0.00	40.71 3.05 0.00	46.30 3.27 0.00	46.59 3.25 0.00	49.52 3.45 0.00	52.57 3.44 0.00	58.90 3.80 0.00	59.61 3.80 0.00	65.31 4.22 0.00	70.30 5.69 0.00	84.41 7.53 0.00	99.61 10.19 0.00	99.52 9.54 0.00	92.97 8.53 0.00	81.32 6.16 0.00	69.09 4.58 0.00	59.46 3.99 0.00	53.55 3.55 0.00
HARSNRAD_115KV_TB1 81005	41.75 -0.04 0.00	36.90 0.07 0.00	33.83 -0.14 0.00	31.45 0.09 0.00	30.94 -0.03 0.00	32.42 0.16 0.00	33.85 -0.83 0.00	36.01 -1.66 0.00	41.09 -1.94 0.00	42.30 -1.04 0.00	45.37 -0.69 0.00	48.69 -0.44 0.00	56.09 0.99 0.00	57.82 2.01 0.00	62.63 1.53 0.00	64.87 0.26 0.00	77.95 1.08 0.00	90.85 1.43 0.00	90.97 0.99 0.00	85.87 1.44 0.00	75.01 -0.15 0.00	65.34 0.84 0.00	55.47 0.00 0.00	50.05 0.05 0.00
HARZA MOOSE___RIVER 24016	42.83 1.04 0.00	37.71 0.88 0.00	34.78 0.82 0.00	32.05 0.69 0.00	31.78 0.81 0.00	33.16 0.90 0.00	35.51 0.83 0.00	38.60 0.94 0.00	44.06 1.03 0.00	44.07 0.74 0.00	46.94 0.88 0.00	50.21 1.08 0.00	56.37 1.27 0.00	57.26 1.45 0.00	62.50 1.41 0.00	66.16 1.55 0.00	79.03 2.15 0.00	93.90 3.31 0.00	95.49 4.23 -1.18	89.44 4.39 -0.61	78.16 3.01 0.00	67.15 2.64 0.00	57.24 1.77 0.00	51.20 1.20 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	41.62 -0.17 0.00	36.64 -0.18 0.00	33.79 -0.17 0.00	31.17 -0.19 0.00	30.82 -0.15 0.00	32.13 -0.13 0.00	34.40 -0.28 0.00	37.40 -0.26 0.00	42.68 -0.34 0.00	43.12 -0.22 0.00	45.97 -0.09 0.00	49.23 0.10 0.00	55.43 0.33 0.00	56.31 0.50 0.00	61.53 0.43 0.00	65.06 0.45 0.00	77.80 0.92 0.00	90.85 1.43 0.00	91.51 1.53 0.00	85.87 1.44 0.00	75.91 0.75 0.00	65.28 0.77 0.00	55.69 0.22 0.00	50.05 0.05 0.00
HELLGATE_13_KV_LD 55870	46.06 4.26 -0.01	40.47 3.65 0.00	37.19 3.23 0.00	34.37 3.01 0.00	33.85 2.88 0.00	35.20 2.94 0.00	38.11 3.43 0.00	41.84 4.18 0.00	47.55 4.52 0.00	48.02 4.68 0.00	50.94 4.88 0.00	53.94 4.81 0.00	60.06 4.96 0.00	60.67 4.86 0.00	65.86 4.77 0.00	71.01 6.40 0.00	85.41 8.53 0.00	100.86 11.45 0.00	100.33 10.35 0.00	93.73 9.29 0.00	81.69 6.54 0.00	69.28 4.77 0.00	60.18 4.71 0.00	54.30 4.30 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	46.06 4.26 -0.01	40.47 3.65 0.00	37.19 3.23 0.00	34.37 3.01 0.00	33.85 2.88 0.00	35.20 2.94 0.00	38.11 3.43 0.00	41.84 4.18 0.00	47.55 4.52 0.00	48.02 4.68 0.00	50.94 4.88 0.00	53.94 4.81 0.00	60.06 4.96 0.00	60.67 4.86 0.00	65.86 4.77 0.00	71.01 6.40 0.00	85.41 8.53 0.00	100.86 11.45 0.00	100.33 10.35 0.00	93.73 9.29 0.00	81.69 6.54 0.00	69.28 4.77 0.00	60.18 4.71 0.00	54.30 4.30 0.00
HEMPSTEAD____ 23647	46.85 4.31 -0.75	40.66 3.83 -0.01	37.33 3.36 -0.01	34.37 3.01 0.00	33.76 2.79 0.00	35.20 2.94 0.00	38.01 3.33 0.00	41.81 4.14 -0.01	47.29 4.26 0.00	47.64 4.29 -0.01	50.59 4.52 -0.01	53.65 4.52 0.00	59.73 4.63 0.00	60.17 4.36 0.00	66.17 5.07 0.00	84.78 6.98 -13.19	105.93 8.99 -20.06	103.46 11.99 -2.06	101.05 11.06 -0.01	95.01 9.96 -0.61	81.77 6.62 0.00	69.67 5.16 0.00	61.89 4.93 -1.49	54.11 4.10 -0.01
HICKLING___1 23621	42.71 0.92 0.00	37.64 0.81 0.00	34.68 0.71 0.00	32.08 0.72 0.00	31.68 0.71 0.00	33.13 0.87 0.00	35.03 0.35 0.00	37.78 0.11 0.00	43.03 0.00 0.00	43.73 0.39 0.00	46.75 0.69 0.00	50.16 1.03 0.00	56.97 1.87 0.00	58.32 2.51 0.00	63.60 2.51 0.00	66.81 2.20 0.00	80.26 3.38 0.00	93.71 4.29 0.00	94.48 4.50 0.00	89.00 4.56 0.00	78.24 3.08 0.00	67.60 3.10 0.00	57.41 1.94 0.00	51.45 1.45 0.00
HICKLING___2 23622	42.71 0.92 0.00	37.64 0.81 0.00	34.68 0.71 0.00	32.08 0.72 0.00	31.68 0.71 0.00	33.13 0.87 0.00	35.03 0.35 0.00	37.78 0.11 0.00	43.03 0.00 0.00	43.73 0.39 0.00	46.75 0.69 0.00	50.16 1.03 0.00	56.97 1.87 0.00	58.32 2.51 0.00	63.60 2.51 0.00	66.81 2.20 0.00	80.26 3.38 0.00	93.71 4.29 0.00	94.48 4.50 0.00	89.00 4.56 0.00	78.24 3.08 0.00	67.60 3.10 0.00	57.41 1.94 0.00	51.45 1.45 0.00
HIGH FALLS___HY 23754	45.17 3.38 0.00	39.85 3.02 0.00	36.54 2.58 0.00	33.74 2.38 0.00	33.26 2.29 0.00	34.71 2.45 0.00	37.32 2.64 0.00	40.79 3.13 0.00	46.38 3.36 0.00	46.67 3.34 0.00	49.61 3.55 0.00	52.71 3.59 0.00	59.18 4.08 0.00	59.94 4.13 0.00	64.78 4.70 1.02	69.53 6.20 1.29	84.95 8.30 0.23	99.59 11.27 1.09	99.48 10.62 1.11	93.32 9.63 0.74	82.13 7.21 0.24	69.92 5.42 0.00	60.07 4.60 0.00	54.10 4.10 0.00
HIGH_RIVER___SOLAR 323847	43.88 2.09 0.00	38.63 1.80 0.00	35.56 1.60 0.00	32.80 1.44 0.00	32.43 1.46 0.00	33.81 1.55 0.00	36.20 1.52 0.00	39.06 1.39 0.00	44.10 1.08 0.00	43.99 0.65 0.00	46.52 0.46 0.00	49.57 0.44 0.00	55.43 0.33 0.00	56.20 0.39 0.00	61.53 0.43 0.00	65.71 1.10 0.00	78.87 2.00 0.00	93.26 3.84 0.00	94.74 4.77 0.00	89.33 4.90 0.00	79.91 4.13 -0.63	67.92 3.42 0.00	58.08 2.61 0.00	52.35 2.35 0.00
HILLBURN___GT 23639	45.09 3.30 0.00	39.81 2.98 0.00	36.58 2.62 0.00	33.78 2.41 0.00	33.29 2.32 0.00	34.68 2.42 0.00	37.28 2.60 0.00	40.86 3.20 0.00	46.39 3.36 0.00	46.67 3.34 0.00	49.52 3.46 0.00	52.71 3.58 0.00	58.95 3.86 0.00	59.61 3.80 0.00	65.31 4.21 0.00	70.30 5.69 0.00	84.33 7.45 0.00	99.60 10.19 0.00	99.34 9.36 0.00	92.80 8.36 0.00	80.94 5.79 0.00	68.89 4.39 0.00	59.41 3.94 0.00	53.45 3.45 0.00
HILLSIDE_115KV_TB1 80332	42.16 0.38 0.00	37.16 0.33 0.00	34.23 0.27 0.00	31.74 0.38 0.00	31.31 0.34 0.00	32.71 0.45 0.00	34.61 -0.07 0.00	37.36 -0.30 0.00	42.55 -0.47 0.00	43.21 -0.13 0.00	46.15 0.09 0.00	49.47 0.34 0.00	56.09 0.99 0.00	57.37 1.56 0.00	62.56 1.47 0.00	65.77 1.16 0.00	78.95 2.08 0.00	92.19 2.77 0.00	92.86 2.88 0.00	87.39 2.96 0.00	76.81 1.65 0.00	66.38 1.87 0.00	56.58 1.11 0.00	50.75 0.75 0.00

HISHELDN_WT_PWR 323625	42.04 0.25 0.00	37.12 0.29 0.00	34.40 0.44 0.00	31.58 0.22 0.00	31.13 0.16 0.00	32.58 0.32 0.00	34.16 -0.52 0.00	36.38 -1.28 0.00	41.56 -1.46 0.00	42.86 -0.48 0.00	46.15 0.09 0.00	49.08 -0.05 0.00	56.37 1.27 0.00	57.93 2.12 0.00	62.93 1.83 0.00	65.83 1.22 0.00	78.71 1.84 0.00	91.38 1.96 0.00	92.23 2.25 0.00	86.97 2.53 0.00	76.58 1.42 0.00	66.18 1.67 0.00	56.14 0.67 0.00	50.40 0.40 0.00
HOLTSVILLE_IC_1 23690	47.35 4.80 -0.75	40.99 4.16 -0.01	37.61 3.64 -0.01	34.56 3.20 0.00	33.82 2.85 0.00	35.29 3.03 0.00	38.18 3.50 0.00	42.11 4.44 -0.01	47.50 4.47 0.00	47.85 4.51 -0.01	50.86 4.79 -0.01	53.65 4.52 0.00	59.40 4.30 0.00	59.78 3.96 0.00	66.04 4.95 0.00	74.05 6.85 -2.60	89.80 8.99 -3.94	140.88 12.25 -39.21	146.64 11.34 -45.33	94.62 10.04 -0.14	81.62 6.46 0.00	69.54 5.03 0.00	60.34 4.60 -0.27	53.85 3.85 0.00
HOLTSVILLE_IC_10 23699	47.68 5.14 -0.75	41.25 4.42 -0.01	37.81 3.84 -0.01	34.72 3.36 0.00	34.01 3.04 0.00	35.45 3.19 0.00	38.39 3.71 0.00	42.34 4.67 -0.01	47.76 4.73 0.00	48.16 4.81 -0.01	51.23 5.16 -0.01	54.09 4.96 -0.01	59.90 4.79 -0.01	60.33 4.52 -0.01	66.66 5.56 0.00	74.97 7.56 -2.80	91.04 9.92 -4.25	156.01 13.33 -53.27	164.11 12.42 -61.71	95.64 11.06 -0.15	82.38 7.22 -0.01	70.19 5.68 -0.01	60.86 5.10 -0.30	54.30 4.30 0.00
HOLTSVILLE_IC_2 23691	47.35 4.80 -0.75	40.99 4.16 -0.01	37.61 3.64 -0.01	34.56 3.20 0.00	33.82 2.85 0.00	35.29 3.03 0.00	38.18 3.50 0.00	42.11 4.44 -0.01	47.50 4.47 0.00	47.85 4.51 -0.01	50.86 4.79 -0.01	53.65 4.52 0.00	59.40 4.30 0.00	59.78 3.96 0.00	66.04 4.95 0.00	74.05 6.85 -2.60	89.80 8.99 -3.94	140.88 12.25 -39.21	146.64 11.34 -45.33	94.62 10.04 -0.14	81.62 6.46 0.00	69.54 5.03 0.00	60.34 4.60 -0.27	53.85 3.85 0.00
HOLTSVILLE_IC_3 23692	47.35 4.80 -0.75	40.99 4.16 -0.01	37.61 3.64 -0.01	34.56 3.20 0.00	33.82 2.85 0.00	35.29 3.03 0.00	38.18 3.50 0.00	42.11 4.44 -0.01	47.50 4.47 0.00	47.85 4.51 -0.01	50.86 4.79 -0.01	53.65 4.52 0.00	59.40 4.30 0.00	59.78 3.96 0.00	66.04 4.95 0.00	74.05 6.85 -2.60	89.80 8.99 -3.94	140.88 12.25 -39.21	146.64 11.34 -45.33	94.62 10.04 -0.14	81.62 6.46 0.00	69.54 5.03 0.00	60.34 4.60 -0.27	53.85 3.85 0.00
HOLTSVILLE_IC_4 23693	47.35 4.80 -0.75	40.99 4.16 -0.01	37.61 3.64 -0.01	34.56 3.20 0.00	33.82 2.85 0.00	35.29 3.03 0.00	38.18 3.50 0.00	42.11 4.44 -0.01	47.50 4.47 0.00	47.85 4.51 -0.01	50.86 4.79 -0.01	53.65 4.52 0.00	59.40 4.30 0.00	59.78 3.96 0.00	66.04 4.95 0.00	74.05 6.85 -2.60	89.80 8.99 -3.94	140.88 12.25 -39.21	146.64 11.34 -45.33	94.62 10.04 -0.14	81.62 6.46 0.00	69.54 5.03 0.00	60.34 4.60 -0.27	53.85 3.85 0.00
HOLTSVILLE_IC_5 23694	47.35 4.80 -0.75	40.99 4.16 -0.01	37.61 3.64 -0.01	34.56 3.20 0.00	33.82 2.85 0.00	35.29 3.03 0.00	38.18 3.50 0.00	42.11 4.44 -0.01	47.50 4.47 0.00	47.85 4.51 -0.01	50.86 4.79 -0.01	53.65 4.52 0.00	59.40 4.30 0.00	59.78 3.96 0.00	66.04 4.95 0.00	74.05 6.85 -2.60	89.80 8.99 -3.94	140.88 12.25 -39.21	146.64 11.34 -45.33	94.62 10.04 -0.14	81.62 6.46 0.00	69.54 5.03 0.00	60.34 4.60 -0.27	53.85 3.85 0.00
HOLTSVILLE_IC_6 23695	47.68 5.14 -0.75	41.25 4.42 -0.01	37.81 3.84 -0.01	34.72 3.36 0.00	34.01 3.04 0.00	35.45 3.19 0.00	38.39 3.71 0.00	42.34 4.67 -0.01	47.76 4.73 0.00	48.16 4.81 -0.01	51.23 5.16 -0.01	54.09 4.96 -0.01	59.90 4.79 -0.01	60.33 4.52 -0.01	66.66 5.56 0.00	74.97 7.56 -2.80	91.04 9.92 -4.25	156.01 13.33 -53.27	164.11 12.42 -61.71	95.64 11.06 -0.15	82.38 7.22 -0.01	70.19 5.68 -0.01	60.86 5.10 -0.30	54.30 4.30 0.00
HOLTSVILLE_IC_7 23696	47.68 5.14 -0.75	41.25 4.42 -0.01	37.81 3.84 -0.01	34.72 3.36 0.00	34.01 3.04 0.00	35.45 3.19 0.00	38.39 3.71 0.00	42.34 4.67 -0.01	47.76 4.73 0.00	48.16 4.81 -0.01	51.23 5.16 -0.01	54.09 4.96 -0.01	59.90 4.79 -0.01	60.33 4.52 -0.01	66.66 5.56 0.00	74.97 7.56 -2.80	91.04 9.92 -4.25	156.01 13.33 -53.27	164.11 12.42 -61.71	95.64 11.06 -0.15	82.38 7.22 -0.01	70.19 5.68 -0.01	60.86 5.10 -0.30	54.30 4.30 0.00
HOLTSVILLE_IC_8 23697	47.68 5.14 -0.75	41.25 4.42 -0.01	37.81 3.84 -0.01	34.72 3.36 0.00	34.01 3.04 0.00	35.45 3.19 0.00	38.39 3.71 0.00	42.34 4.67 -0.01	47.76 4.73 0.00	48.16 4.81 -0.01	51.23 5.16 -0.01	54.09 4.96 -0.01	59.90 4.79 -0.01	60.33 4.52 -0.01	66.66 5.56 0.00	74.97 7.56 -2.80	91.04 9.92 -4.25	156.01 13.33 -53.27	164.11 12.42 -61.71	95.64 11.06 -0.15	82.38 7.22 -0.01	70.19 5.68 -0.01	60.86 5.10 -0.30	54.30 4.30 0.00
HOLTSVILLE_IC_9 23698	47.68 5.14 -0.75	41.25 4.42 -0.01	37.81 3.84 -0.01	34.72 3.36 0.00	34.01 3.04 0.00	35.45 3.19 0.00	38.39 3.71 0.00	42.34 4.67 -0.01	47.76 4.73 0.00	48.16 4.81 -0.01	51.23 5.16 -0.01	54.09 4.96 -0.01	59.90 4.79 -0.01	60.33 4.52 -0.01	66.66 5.56 0.00	74.97 7.56 -2.80	91.04 9.92 -4.25	156.01 13.33 -53.27	164.11 12.42 -61.71	95.64 11.06 -0.15	82.38 7.22 -0.01	70.19 5.68 -0.01	60.86 5.10 -0.30	54.30 4.30 0.00
HOMER_HL_115KV_TB2 355744	41.58 -0.21 0.00	36.72 -0.11 0.00	33.76 -0.20 0.00	31.42 0.06 0.00	30.91 -0.06 0.00	32.39 0.13 0.00	33.88 -0.80 0.00	36.46 -1.21 0.00	41.52 -1.51 0.00	42.60 -0.74 0.00	45.69 -0.37 0.00	49.18 0.05 0.00	55.71 0.61 0.00	57.37 1.56 0.00	62.26 1.16 0.00	64.87 0.26 0.00	78.03 1.15 0.00	90.76 1.34 0.00	91.24 1.26 0.00	85.79 1.35 0.00	74.85 -0.30 0.00	64.96 0.45 0.00	55.41 -0.06 0.00	50.30 0.30 0.00
HOWARD_WT_PWR 323690	43.04 1.25 0.00	37.90 1.07 0.00	35.08 1.12 0.00	32.17 0.81 0.00	31.71 0.74 0.00	33.20 0.94 0.00	35.03 0.35 0.00	37.48 -0.19 0.00	42.68 -0.35 0.00	43.68 0.35 0.00	46.98 0.92 0.00	49.87 0.74 0.00	56.91 1.82 0.00	58.38 2.57 0.00	63.60 2.51 0.00	66.68 2.07 0.00	79.87 3.00 0.00	92.81 3.40 0.00	94.12 4.14 0.00	88.74 4.30 0.00	78.24 3.08 0.00	67.41 2.91 0.00	56.91 1.44 0.00	50.85 0.85 0.00
HQ_GEN_CEDARS 23644	41.58 -0.21 0.00	36.61 -0.22 0.00	33.79 -0.17 0.00	31.20 -0.16 0.00	30.88 -0.09 0.00	32.03 -0.23 0.00	34.65 -0.03 0.00	37.55 -0.11 0.00	43.29 0.26 0.00	43.47 0.13 0.00	46.15 0.09 0.00	49.18 0.05 0.00	54.93 -0.17 0.00	55.59 -0.22 0.00	60.91 -0.18 0.00	63.71 -0.90 0.00	75.34 -1.54 0.00	76.98 -3.76 8.68	76.98 -3.51 9.49	76.98 -2.96 4.50	74.18 -0.98 0.00	63.80 -0.71 0.00	55.36 -0.11 0.00	50.25 0.25 0.00
HQ_GEN_CEDARS_PROXY 323590	41.58 -0.21 0.00	36.61 -0.22 0.00	33.79 -0.17 0.00	31.20 -0.16 0.00	30.88 -0.09 0.00	32.04 -0.22 0.00	34.61 -0.07 0.00	37.55 -0.11 0.00	43.29 0.26 0.00	43.47 0.13 0.00	46.15 0.09 0.00	49.18 0.05 0.00	54.93 -0.16 0.00	55.59 -0.22 0.00	60.98 -0.12 0.00	63.71 -0.90 0.00	75.34 -1.54 0.00	76.98 -3.75 8.68	76.98 -3.51 9.49	76.98 -2.96 4.50	74.18 -0.98 0.00	63.80 -0.71 0.00	55.36 -0.11 0.00	50.25 0.25 0.00

HQ_GEN_IMPORT 323601	41.33 -0.46 0.00	36.39 -0.44 0.00	33.59 -0.37 0.00	31.02 -0.34 0.00	30.63 -0.34 0.00	31.87 -0.39 0.00	34.40 -0.28 0.00	37.36 -0.30 0.00	42.86 -0.17 0.00	43.12 -0.22 0.00	45.79 -0.27 0.00	48.83 -0.29 0.00	54.66 -0.44 0.00	55.31 -0.50 0.00	60.67 -0.42 0.00	63.77 -0.84 0.00	75.41 -1.46 0.00	86.72 -2.41 0.29	87.32 -2.34 0.32	80.81 -2.11 1.52	75.40 -1.13 -1.37	63.54 -0.97 0.00	54.97 -0.50 0.00	49.65 -0.35 0.00
HQ_GEN_WHEEL 23651	41.33 -0.46 0.00	36.39 -0.44 0.00	33.59 -0.37 0.00	31.02 -0.34 0.00	30.63 -0.34 0.00	31.87 -0.39 0.00	34.40 -0.28 0.00	37.36 -0.30 0.00	42.86 -0.17 0.00	43.12 -0.22 0.00	45.79 -0.27 0.00	48.83 -0.29 0.00	54.66 -0.44 0.00	55.31 -0.50 0.00	60.67 -0.42 0.00	63.77 -0.84 0.00	75.41 -1.46 0.00	86.72 -2.41 0.29	87.32 -2.34 0.32	80.81 -2.11 1.52	75.40 -1.13 -1.37	63.54 -0.97 0.00	54.97 -0.50 0.00	49.65 -0.35 0.00
HUDSON AVE_GT_3 23810	45.72 3.93 0.00	40.25 3.42 0.00	36.92 2.95 0.00	34.09 2.73 0.00	33.60 2.63 0.00	35.03 2.77 0.00	37.84 3.16 0.00	41.54 3.88 0.00	47.24 4.22 0.00	47.67 4.33 0.00	50.53 4.47 0.00	53.50 4.37 0.00	59.84 4.74 0.00	60.33 4.52 0.00	66.05 4.95 0.00	71.20 6.59 0.00	85.48 8.61 0.00	100.95 11.53 0.00	100.51 10.53 0.00	93.89 9.46 0.00	81.84 6.69 0.00	69.41 4.90 0.00	60.02 4.55 0.00	54.05 4.05 0.00
HUDSON AVE_GT_4 23540	45.72 3.93 0.00	40.25 3.42 0.00	36.92 2.95 0.00	34.09 2.73 0.00	33.60 2.63 0.00	35.03 2.77 0.00	37.84 3.16 0.00	41.54 3.88 0.00	47.24 4.22 0.00	47.67 4.33 0.00	50.53 4.47 0.00	53.50 4.37 0.00	59.84 4.74 0.00	60.33 4.52 0.00	66.05 4.95 0.00	71.20 6.59 0.00	85.48 8.61 0.00	100.95 11.53 0.00	100.51 10.53 0.00	93.89 9.46 0.00	81.84 6.69 0.00	69.41 4.90 0.00	60.02 4.55 0.00	54.05 4.05 0.00
HUDSON AVE_GT_5 23657	45.72 3.93 0.00	40.25 3.42 0.00	36.92 2.95 0.00	34.09 2.73 0.00	33.60 2.63 0.00	35.03 2.77 0.00	37.84 3.16 0.00	41.54 3.88 0.00	47.24 4.22 0.00	47.67 4.33 0.00	50.53 4.47 0.00	53.50 4.37 0.00	59.84 4.74 0.00	60.33 4.52 0.00	66.05 4.95 0.00	71.20 6.59 0.00	85.48 8.61 0.00	100.95 11.53 0.00	100.51 10.53 0.00	93.89 9.46 0.00	81.84 6.69 0.00	69.41 4.90 0.00	60.02 4.55 0.00	54.05 4.05 0.00
HUDSON_AVE_10 24168	45.63 3.84 0.00	40.21 3.39 0.00	36.88 2.92 0.00	34.06 2.70 0.00	33.57 2.60 0.00	35.00 2.74 0.00	37.80 3.12 0.00	41.50 3.84 0.00	47.20 4.17 0.00	47.63 4.29 0.00	50.44 4.38 0.00	53.40 4.27 0.00	59.67 4.57 0.00	60.22 4.41 0.00	65.92 4.83 0.00	71.07 6.46 0.00	85.41 8.53 0.00	100.86 11.45 0.00	100.33 10.35 0.00	93.73 9.29 0.00	81.69 6.54 0.00	69.28 4.77 0.00	59.96 4.49 0.00	54.00 4.00 0.00
HUDSON___115KV_TB 4 355613	43.50 1.71 0.00	38.37 1.55 0.00	35.36 1.39 0.00	32.68 1.32 0.00	32.24 1.27 0.00	33.55 1.29 0.00	36.00 1.32 0.00	38.91 1.24 0.00	44.15 1.12 0.00	44.20 0.87 0.00	46.75 0.69 0.00	49.57 0.44 0.00	55.37 0.28 0.00	55.74 -0.06 0.02	57.43 0.18 3.85	60.88 1.10 4.83	77.86 1.84 0.86	88.61 3.31 4.11	89.39 3.60 4.18	84.94 3.29 2.79	75.93 2.40 1.63	65.92 1.42 0.00	56.41 0.94 0.00	50.90 0.90 0.00
HUNTER MOUNT___DRP 323613	43.59 1.80 0.00	38.48 1.66 0.00	35.46 1.49 0.00	32.74 1.38 0.00	32.30 1.33 0.00	33.62 1.35 0.00	36.03 1.35 0.00	38.87 1.21 0.00	44.10 1.08 0.00	44.07 0.74 0.00	46.61 0.55 0.00	49.57 0.44 0.00	55.43 0.33 0.00	55.79 0.00 0.02	55.93 0.43 5.60	59.01 1.42 7.03	77.85 2.23 1.25	87.37 3.93 5.98	88.12 4.23 6.09	84.35 3.97 4.05	77.01 3.16 1.30	66.18 1.68 0.00	56.58 1.11 0.00	51.00 1.00 0.00
HUNTINGTON_RES_REC 323705	47.35 4.80 -0.75	40.96 4.12 -0.01	37.57 3.60 -0.01	34.53 3.17 0.00	33.85 2.88 0.00	35.29 3.03 0.00	38.18 3.50 0.00	42.08 4.40 -0.01	47.46 4.43 0.00	47.85 4.51 -0.01	50.67 4.61 -0.01	53.45 4.32 0.00	59.34 4.24 0.00	59.77 3.96 0.00	65.99 4.89 0.00	74.29 6.85 -2.83	90.18 9.07 -4.24	314.55 12.34 -212.79	349.42 11.43 -248.01	94.74 10.13 -0.17	81.54 6.38 0.00	69.47 4.97 0.00	60.36 4.60 -0.29	53.75 3.75 0.01
HUNTLEY___63 23557	41.91 0.13 0.00	37.01 0.18 0.00	34.17 0.20 0.00	31.55 0.19 0.00	31.03 0.06 0.00	32.52 0.26 0.00	34.02 -0.66 0.00	36.31 -1.36 0.00	41.44 -1.59 0.00	42.69 -0.65 0.00	45.78 -0.28 0.00	49.42 0.29 0.00	56.97 1.87 0.00	58.77 2.96 0.00	63.42 2.32 0.00	65.58 0.97 0.00	78.72 1.84 0.00	91.74 2.32 0.00	91.96 1.98 0.00	86.63 2.20 0.00	75.68 0.53 0.00	65.80 1.29 0.00	56.19 0.72 0.00	50.60 0.60 0.00
HUNTLEY___64 23558	41.91 0.13 0.00	37.01 0.18 0.00	34.17 0.20 0.00	31.55 0.19 0.00	31.03 0.06 0.00	32.52 0.26 0.00	34.02 -0.66 0.00	36.31 -1.36 0.00	41.44 -1.59 0.00	42.69 -0.65 0.00	45.78 -0.28 0.00	49.42 0.29 0.00	56.97 1.87 0.00	58.77 2.96 0.00	63.42 2.32 0.00	65.58 0.97 0.00	78.72 1.84 0.00	91.74 2.32 0.00	91.96 1.98 0.00	86.63 2.20 0.00	75.68 0.53 0.00	65.80 1.29 0.00	56.19 0.72 0.00	50.60 0.60 0.00
HUNTLEY___65 23559	41.91 0.13 0.00	37.01 0.18 0.00	34.17 0.20 0.00	31.55 0.19 0.00	31.03 0.06 0.00	32.52 0.26 0.00	34.02 -0.66 0.00	36.31 -1.36 0.00	41.44 -1.59 0.00	42.69 -0.65 0.00	45.78 -0.28 0.00	49.42 0.29 0.00	56.97 1.87 0.00	58.77 2.96 0.00	63.42 2.32 0.00	65.58 0.97 0.00	78.72 1.84 0.00	91.74 2.32 0.00	91.96 1.98 0.00	86.63 2.20 0.00	75.68 0.53 0.00	65.80 1.29 0.00	56.19 0.72 0.00	50.60 0.60 0.00
HUNTLEY___66 23560	41.91 0.13 0.00	37.01 0.18 0.00	34.17 0.20 0.00	31.55 0.19 0.00	31.03 0.06 0.00	32.52 0.26 0.00	34.02 -0.66 0.00	36.31 -1.36 0.00	41.44 -1.59 0.00	42.69 -0.65 0.00	45.78 -0.28 0.00	49.42 0.29 0.00	56.97 1.87 0.00	58.77 2.96 0.00	63.42 2.32 0.00	65.58 0.97 0.00	78.72 1.84 0.00	91.74 2.32 0.00	91.96 1.98 0.00	86.63 2.20 0.00	75.68 0.53 0.00	65.80 1.29 0.00	56.19 0.72 0.00	50.60 0.60 0.00
HUNTLEY___67 23561	41.66 -0.13 0.00	36.79 -0.04 0.00	33.86 -0.10 0.00	31.36 0.00 0.00	30.85 -0.12 0.00	32.32 0.06 0.00	33.85 -0.83 0.00	36.12 -1.54 0.00	41.18 -1.85 0.00	42.38 -0.95 0.00	45.46 -0.60 0.00	49.08 -0.05 0.00	56.48 1.38 0.00	58.15 2.34 0.00	63.05 1.96 0.00	65.39 0.78 0.00	78.56 1.69 0.00	91.56 2.15 0.00	91.78 1.80 0.00	86.46 2.03 0.00	75.53 0.38 0.00	65.73 1.23 0.00	55.86 0.39 0.00	50.30 0.30 0.00
HUNTLEY___68 23562	41.66 -0.13 0.00	36.79 -0.04 0.00	33.86 -0.10 0.00	31.36 0.00 0.00	30.85 -0.12 0.00	32.32 0.06 0.00	33.85 -0.83 0.00	36.12 -1.54 0.00	41.18 -1.85 0.00	42.38 -0.95 0.00	45.46 -0.60 0.00	49.08 -0.05 0.00	56.48 1.38 0.00	58.15 2.34 0.00	63.05 1.96 0.00	65.39 0.78 0.00	78.56 1.69 0.00	91.56 2.15 0.00	91.78 1.80 0.00	86.46 2.03 0.00	75.53 0.38 0.00	65.73 1.23 0.00	55.86 0.39 0.00	50.30 0.30 0.00

HYLAND___LFGE 323620	44.21 2.42 0.00	38.96 2.14 0.00	36.10 2.14 0.00	33.12 1.76 0.00	32.64 1.67 0.00	34.20 1.94 0.00	36.14 1.46 0.00	38.53 0.87 0.00	43.20 0.17 0.00	43.90 0.56 0.00	46.62 0.55 0.00	47.85 -1.28 0.00	54.72 -0.38 0.00	56.09 0.28 0.00	61.77 0.67 0.00	65.07 0.46 0.00	78.56 1.69 0.00	92.54 3.13 0.00	95.20 5.22 0.00	91.03 6.59 0.00	80.49 5.34 0.00	69.73 5.22 0.00	58.57 3.10 0.00	52.10 2.10 0.00
INDECK___CORINTH 23802	43.50 1.71 0.00	38.30 1.47 0.00	35.18 1.22 0.00	32.46 1.10 0.00	32.05 1.08 0.00	33.45 1.19 0.00	35.96 1.28 0.00	38.98 1.32 0.00	44.10 1.08 0.00	44.12 0.78 0.00	46.29 0.23 0.00	49.42 0.30 0.00	54.93 -0.16 0.00	55.81 0.00 0.00	61.10 0.00 0.00	65.83 1.22 0.00	78.87 2.00 0.00	93.35 3.93 0.00	95.38 5.40 0.00	89.25 4.81 0.00	81.65 3.98 -2.51	67.54 3.03 0.00	57.46 1.99 0.00	51.85 1.85 0.00
INDECK___ILION 23567	42.42 0.63 0.00	37.38 0.55 0.00	34.47 0.51 0.00	31.83 0.47 0.00	31.47 0.50 0.00	32.78 0.52 0.00	35.17 0.49 0.00	38.23 0.56 0.00	43.59 0.56 0.00	43.86 0.52 0.00	46.61 0.55 0.00	49.72 0.59 0.00	55.76 0.66 0.00	56.54 0.73 0.00	61.77 0.67 0.00	65.51 0.90 0.00	78.10 1.23 0.00	91.20 1.79 0.00	91.87 1.89 0.00	86.13 1.69 0.00	76.36 1.20 0.00	65.54 1.03 0.00	56.19 0.72 0.00	50.60 0.60 0.00
INDECK___OLEAN 23982	41.58 -0.21 0.00	36.75 -0.07 0.00	34.10 0.14 0.00	31.39 0.03 0.00	30.91 -0.06 0.00	32.39 0.13 0.00	33.92 -0.76 0.00	36.46 -1.21 0.00	41.61 -1.42 0.00	42.86 -0.48 0.00	46.11 0.05 0.00	49.18 0.05 0.00	55.71 0.61 0.00	57.32 1.51 0.00	62.26 1.16 0.00	65.19 0.58 0.00	78.03 1.15 0.00	90.49 1.08 0.00	91.15 1.17 0.00	85.78 1.35 0.00	75.16 0.00 0.00	65.09 0.58 0.00	55.47 0.00 0.00	50.25 0.25 0.00
INDECK___OSWEGO 23783	41.08 -0.71 0.00	36.20 -0.63 0.00	33.39 -0.58 0.00	30.80 -0.56 0.00	30.41 -0.56 0.00	31.74 -0.52 0.00	34.02 -0.66 0.00	36.91 -0.75 0.00	42.12 -0.91 0.00	42.51 -0.82 0.00	45.28 -0.78 0.00	48.39 -0.74 0.00	54.00 -1.10 0.00	54.75 -1.06 0.00	59.81 -1.29 0.00	63.32 -1.29 0.00	75.64 -1.23 0.00	88.52 -1.16 -0.27	89.37 -0.90 -0.29	83.81 -0.76 -0.14	74.10 -1.05 0.00	63.67 -0.84 0.00	54.41 -1.06 0.00	49.35 -0.65 0.00
INDECK___YERKES 23781	41.96 0.17 0.00	37.05 0.22 0.00	34.37 0.41 0.00	31.64 0.28 0.00	31.06 0.09 0.00	32.55 0.29 0.00	34.09 -0.59 0.00	36.34 -1.32 0.00	41.65 -1.38 0.00	43.12 -0.22 0.00	46.52 0.46 0.00	49.47 0.35 0.00	57.03 1.93 0.00	58.77 2.96 0.00	63.42 2.32 0.00	66.03 1.42 0.00	78.80 1.92 0.00	91.38 1.96 0.00	91.96 1.98 0.00	86.63 2.19 0.00	76.13 0.97 0.00	65.92 1.42 0.00	56.30 0.83 0.00	50.65 0.65 0.00
INDIAN POINT_GT_1 24139	45.13 3.34 0.00	39.81 2.98 0.00	36.51 2.55 0.00	33.78 2.41 0.00	33.26 2.29 0.00	34.68 2.42 0.00	37.32 2.64 0.00	40.90 3.24 0.00	46.47 3.44 0.00	46.80 3.47 0.00	49.70 3.64 0.00	52.67 3.54 0.00	58.96 3.86 0.00	59.55 3.74 0.00	65.25 4.15 0.00	70.23 5.62 0.00	84.41 7.53 0.00	99.61 10.19 0.00	99.43 9.45 0.00	92.80 8.36 0.00	81.09 5.94 0.00	68.89 4.39 0.00	59.35 3.88 0.00	53.45 3.45 0.00
INDIAN POINT_GT_2 23659	45.13 3.34 0.00	39.81 2.98 0.00	36.51 2.55 0.00	33.78 2.41 0.00	33.26 2.29 0.00	34.68 2.42 0.00	37.32 2.64 0.00	40.90 3.24 0.00	46.47 3.44 0.00	46.80 3.47 0.00	49.70 3.64 0.00	52.67 3.54 0.00	58.96 3.86 0.00	59.55 3.74 0.00	65.25 4.15 0.00	70.23 5.62 0.00	84.41 7.53 0.00	99.61 10.19 0.00	99.43 9.45 0.00	92.80 8.36 0.00	81.09 5.94 0.00	68.89 4.39 0.00	59.35 3.88 0.00	53.45 3.45 0.00
INDIAN POINT_GT_3 24019	45.13 3.34 0.00	39.81 2.98 0.00	36.51 2.55 0.00	33.78 2.41 0.00	33.26 2.29 0.00	34.68 2.42 0.00	37.32 2.64 0.00	40.90 3.24 0.00	46.47 3.44 0.00	46.80 3.47 0.00	49.70 3.64 0.00	52.67 3.54 0.00	58.96 3.86 0.00	59.55 3.74 0.00	65.25 4.15 0.00	70.23 5.62 0.00	84.41 7.53 0.00	99.61 10.19 0.00	99.43 9.45 0.00	92.80 8.36 0.00	81.09 5.94 0.00	68.89 4.39 0.00	59.35 3.88 0.00	53.45 3.45 0.00
INDIAN POINT___2 23530	45.05 3.26 0.00	39.77 2.95 0.00	36.54 2.58 0.00	33.74 2.38 0.00	33.26 2.29 0.00	34.65 2.39 0.00	37.28 2.60 0.00	40.86 3.20 0.00	46.39 3.36 0.00	46.67 3.34 0.00	49.47 3.41 0.00	52.62 3.49 0.00	58.90 3.80 0.00	59.49 3.68 0.00	65.13 4.03 0.00	70.10 5.49 0.00	84.18 7.31 0.00	99.43 10.01 0.00	99.16 9.18 0.00	92.63 8.19 0.00	80.79 5.64 0.00	68.70 4.19 0.00	59.24 3.77 0.00	53.35 3.35 0.00
INDIAN POINT___3 23531	45.05 3.26 0.00	39.74 2.91 0.00	36.48 2.51 0.00	33.71 2.35 0.00	33.23 2.26 0.00	34.62 2.36 0.00	37.28 2.60 0.00	40.83 3.16 0.00	46.38 3.36 0.00	46.72 3.38 0.00	49.56 3.50 0.00	52.52 3.39 0.00	58.79 3.69 0.00	59.38 3.57 0.00	65.07 3.97 0.00	70.04 5.43 0.00	84.10 7.23 0.00	99.16 9.75 0.00	98.98 9.00 0.00	92.46 8.02 0.00	80.87 5.71 0.00	68.70 4.19 0.00	59.18 3.72 0.00	53.35 3.35 0.00
INGHAM_C_115KV_TB7 356103	42.67 0.88 0.00	37.64 0.81 0.00	34.68 0.71 0.00	32.02 0.66 0.00	31.65 0.68 0.00	33.00 0.74 0.00	35.41 0.73 0.00	38.45 0.79 0.00	43.85 0.82 0.00	44.07 0.74 0.00	46.84 0.78 0.00	50.01 0.88 0.00	56.09 0.99 0.00	56.87 1.06 0.00	62.08 0.98 0.00	65.84 1.23 0.00	78.49 1.61 0.00	91.65 2.24 0.00	92.32 2.34 0.00	86.55 2.11 0.00	76.66 1.50 0.00	65.86 1.35 0.00	56.47 1.00 0.00	50.80 0.80 0.00
IP CORINTH___1 23988	43.75 1.96 0.00	38.48 1.66 0.00	35.39 1.43 0.00	32.65 1.29 0.00	32.24 1.27 0.00	33.62 1.35 0.00	36.17 1.49 0.00	39.17 1.51 0.00	44.36 1.33 0.00	44.42 1.08 0.00	46.66 0.60 0.00	49.72 0.59 0.00	55.26 0.17 0.00	56.09 0.28 0.00	61.46 0.37 0.00	66.23 1.62 0.00	79.33 2.46 0.00	93.89 4.47 0.00	95.83 5.85 0.00	89.67 5.24 0.00	82.10 4.43 -2.51	67.99 3.48 0.00	57.80 2.33 0.00	52.15 2.15 0.00
IP___TICONDEROGA 23804	44.25 2.47 0.00	38.74 1.91 0.00	35.49 1.53 0.00	32.65 1.29 0.00	32.33 1.36 0.00	33.78 1.52 0.00	36.41 1.73 0.00	39.32 1.66 0.00	44.40 1.38 0.00	44.33 1.00 0.00	46.52 0.46 0.00	49.72 0.59 0.00	54.77 -0.33 0.00	55.87 0.06 0.00	61.22 0.12 0.00	66.55 1.94 0.00	80.10 3.23 0.00	95.76 6.35 0.00	98.71 8.73 0.00	92.29 7.85 0.00	84.58 6.91 -2.51	69.80 5.29 0.00	58.74 3.27 0.00	53.00 3.00 0.00
ISLIP_RES_REC 323679	47.97 5.43 -0.75	41.47 4.64 -0.01	38.01 4.04 -0.01	34.90 3.54 0.00	34.16 3.19 0.00	35.62 3.35 0.00	38.56 3.88 0.00	42.57 4.89 -0.01	48.06 5.03 0.00	48.50 5.15 -0.01	51.64 5.57 -0.01	54.54 5.40 -0.01	60.45 5.34 -0.01	60.90 5.08 -0.01	67.33 6.24 0.00	75.83 8.27 -2.94	92.10 10.76 -4.47	151.92 14.40 -48.11	159.04 13.41 -55.65	96.58 11.99 -0.15	83.13 7.96 -0.01	70.77 6.26 -0.01	61.33 5.55 -0.31	54.70 4.70 0.00

JAMAICA__27_KV_LOAD 355505	46.05 4.26 0.00	40.51 3.68 0.00	37.22 3.26 0.00	34.37 3.01 0.00	33.85 2.88 0.00	35.36 3.10 0.00	38.25 3.57 0.00	41.92 4.26 0.00	47.67 4.65 0.00	48.15 4.81 0.00	50.76 4.70 0.00	53.75 4.62 0.00	60.11 5.01 0.00	60.67 4.86 0.00	66.47 5.38 0.00	71.72 7.11 0.00	86.25 9.38 0.00	101.84 12.43 0.00	101.41 11.43 0.00	94.74 10.30 0.00	82.52 7.37 0.00	69.92 5.42 0.00	60.79 5.32 0.00	54.65 4.65 0.00
JANIS__SOLAR 323808	43.96 2.17 0.00	38.67 1.84 0.00	35.73 1.76 0.00	32.87 1.51 0.00	32.55 1.58 0.00	34.07 1.81 0.00	36.28 1.60 0.00	39.32 1.66 0.00	44.62 1.59 0.00	44.68 1.34 0.00	47.63 1.57 0.00	50.85 1.72 0.00	57.36 2.26 0.00	58.43 2.62 0.00	63.85 2.75 0.00	67.78 3.17 0.00	81.49 4.61 0.00	95.86 6.44 0.00	97.72 7.74 0.00	92.20 7.76 0.00	81.39 6.23 0.00	70.05 5.55 0.00	59.29 3.82 0.00	52.95 2.95 0.00
JARVIS____ 23743	42.12 0.33 0.00	37.12 0.29 0.00	34.23 0.27 0.00	31.61 0.25 0.00	31.22 0.25 0.00	32.55 0.29 0.00	34.92 0.24 0.00	37.93 0.27 0.00	43.29 0.26 0.00	43.56 0.22 0.00	46.29 0.23 0.00	49.37 0.25 0.00	55.38 0.28 0.00	56.09 0.28 0.00	61.41 0.31 0.00	65.07 0.46 0.00	77.49 0.61 0.00	90.49 1.08 0.00	91.06 1.08 0.00	85.37 0.93 0.00	75.75 0.60 0.00	64.96 0.45 0.00	55.80 0.33 0.00	50.25 0.25 0.00
JENNISON____1 23625	44.30 2.51 0.00	39.00 2.17 0.00	35.93 1.97 0.00	33.15 1.79 0.00	32.86 1.89 0.00	34.36 2.10 0.00	36.55 1.87 0.00	39.73 2.07 0.00	45.22 2.19 0.00	45.29 1.95 0.00	48.36 2.30 0.00	51.78 2.65 0.00	58.35 3.25 0.00	59.44 3.63 0.00	64.89 3.79 0.00	68.87 4.26 0.00	82.56 5.69 0.00	97.02 7.60 0.00	98.35 8.37 0.00	92.54 8.11 0.00	81.39 6.24 0.00	70.12 5.61 0.00	59.52 4.05 0.00	53.25 3.25 0.00
JENNISON____2 23626	44.30 2.51 0.00	39.00 2.17 0.00	35.93 1.97 0.00	33.15 1.79 0.00	32.86 1.89 0.00	34.36 2.10 0.00	36.55 1.87 0.00	39.73 2.07 0.00	45.22 2.19 0.00	45.29 1.95 0.00	48.36 2.30 0.00	51.78 2.65 0.00	58.35 3.25 0.00	59.44 3.63 0.00	64.89 3.79 0.00	68.87 4.26 0.00	82.56 5.69 0.00	97.02 7.60 0.00	98.35 8.37 0.00	92.54 8.11 0.00	81.39 6.24 0.00	70.12 5.61 0.00	59.52 4.05 0.00	53.25 3.25 0.00
JERICOHO_RISE_WT_PWR 323719	41.29 -0.50 0.00	36.31 -0.52 0.00	33.52 -0.44 0.00	30.95 -0.41 0.00	30.63 -0.34 0.00	31.81 -0.45 0.00	34.47 -0.21 0.00	37.44 -0.22 0.00	43.16 0.13 0.00	43.42 0.09 0.00	45.97 -0.09 0.00	48.83 -0.29 0.00	54.55 -0.55 0.00	55.08 -0.73 0.00	60.49 -0.61 0.00	63.45 -1.16 0.00	74.80 -2.07 0.00	84.04 -3.58 1.80	84.69 -3.33 1.96	80.64 -2.87 0.93	73.50 -1.65 0.00	62.83 -1.68 0.00	54.41 -1.06 0.00	49.30 -0.70 0.00
KATONAH__115KV_46KV_TB4 355592	45.21 3.43 0.00	39.85 3.02 0.00	36.58 2.62 0.00	33.84 2.48 0.00	33.32 2.35 0.00	34.74 2.48 0.00	37.38 2.71 0.00	40.98 3.31 0.00	46.56 3.53 0.00	46.85 3.51 0.00	49.75 3.68 0.00	52.76 3.64 0.00	59.18 4.08 0.00	59.83 4.02 0.00	65.68 4.58 0.00	70.68 6.07 0.00	85.10 8.23 0.00	100.41 11.00 0.00	100.33 10.35 0.00	93.47 9.03 0.00	81.69 6.54 0.00	69.34 4.84 0.00	59.57 4.10 0.00	53.75 3.75 0.00
KCE_NY_1 323755	44.21 2.42 0.00	38.89 2.06 0.00	35.80 1.83 0.00	33.02 1.66 0.00	32.61 1.64 0.00	34.00 1.74 0.00	36.52 1.84 0.00	39.58 1.92 0.00	44.88 1.85 0.00	44.94 1.60 0.00	47.44 1.38 0.00	50.65 1.52 0.00	56.48 1.38 0.00	57.37 1.56 0.00	62.87 1.77 0.00	67.45 2.84 0.00	80.72 3.84 0.00	95.32 5.90 0.00	96.46 6.48 0.00	90.26 5.82 0.00	82.96 4.74 -3.07	68.31 3.80 0.00	58.30 2.83 0.00	52.60 2.60 0.00
KCE_NY_6_ESR 323823	42.08 0.29 0.00	37.16 0.33 0.00	34.47 0.51 0.00	31.64 0.28 0.00	31.16 0.19 0.00	32.65 0.39 0.00	34.23 -0.45 0.00	36.53 -1.13 0.00	41.82 -1.20 0.00	43.25 -0.09 0.00	46.66 0.60 0.00	49.67 0.54 0.00	57.14 2.04 0.00	58.82 3.01 0.00	63.85 2.75 0.00	66.68 2.07 0.00	79.64 2.76 0.00	92.46 3.04 0.00	93.13 3.15 0.00	87.65 3.21 0.00	76.96 1.80 0.00	66.57 2.06 0.00	56.47 1.00 0.00	50.80 0.80 0.00
KEDC_PORT_JEFF_GT2 24210	47.55 5.01 -0.75	41.14 4.31 -0.01	37.74 3.77 -0.01	34.65 3.29 0.00	33.94 2.97 0.00	35.39 3.13 0.00	38.29 3.61 0.00	42.23 4.56 -0.01	47.68 4.65 0.00	48.07 4.72 -0.01	51.09 5.02 -0.01	53.90 4.76 0.00	59.62 4.52 0.00	60.00 4.19 0.00	66.29 5.19 0.00	74.12 6.78 -2.73	89.99 8.99 -4.13	166.41 12.25 -64.74	176.44 11.34 -75.12	94.63 10.04 -0.15	81.47 6.31 0.00	69.80 5.29 0.00	60.52 4.77 -0.29	54.15 4.15 0.00
KEDC_PORT_JEFF_GT3 24211	47.55 5.01 -0.75	41.14 4.31 -0.01	37.74 3.77 -0.01	34.65 3.29 0.00	33.94 2.97 0.00	35.39 3.13 0.00	38.29 3.61 0.00	42.23 4.56 -0.01	47.68 4.65 0.00	48.07 4.72 -0.01	51.09 5.02 -0.01	53.90 4.76 0.00	59.62 4.52 0.00	60.00 4.19 0.00	66.29 5.19 0.00	74.12 6.78 -2.73	89.99 8.99 -4.13	166.41 12.25 -64.74	176.44 11.34 -75.12	94.63 10.04 -0.15	81.47 6.31 0.00	69.80 5.29 0.00	60.52 4.77 -0.29	54.15 4.15 0.00
KEDC_GLWD_GT4 24219	46.85 4.31 -0.75	40.63 3.79 -0.01	37.33 3.36 -0.01	34.37 3.01 0.00	33.79 2.82 0.00	35.23 2.97 0.00	38.01 3.33 0.00	41.78 4.11 -0.01	47.33 4.30 0.00	47.72 4.38 -0.01	50.67 4.61 -0.01	53.84 4.72 0.00	60.06 4.96 0.00	60.22 4.41 0.00	66.17 5.07 0.00	83.25 6.85 -11.79	103.72 8.91 -17.94	103.24 11.99 -1.84	101.05 11.06 -0.01	94.86 9.87 -0.55	81.84 6.69 0.00	69.60 5.09 0.00	61.46 4.71 -1.28	54.26 4.25 -0.01
KEDC_GLWD_GT5 24220	46.85 4.31 -0.75	40.63 3.79 -0.01	37.33 3.36 -0.01	34.37 3.01 0.00	33.79 2.82 0.00	35.23 2.97 0.00	38.01 3.33 0.00	41.78 4.11 -0.01	47.33 4.30 0.00	47.72 4.38 -0.01	50.67 4.61 -0.01	53.84 4.72 0.00	60.06 4.96 0.00	60.22 4.41 0.00	66.17 5.07 0.00	83.25 6.85 -11.79	103.72 8.91 -17.94	103.24 11.99 -1.84	101.05 11.06 -0.01	94.86 9.87 -0.55	81.84 6.69 0.00	69.60 5.09 0.00	61.46 4.71 -1.28	54.26 4.25 -0.01
KENSICO____ 23655	45.30 3.51 0.00	39.92 3.09 0.00	36.61 2.65 0.00	33.87 2.51 0.00	33.36 2.38 0.00	34.78 2.52 0.00	37.45 2.77 0.00	41.09 3.43 0.00	46.69 3.66 0.00	47.02 3.68 0.00	49.93 3.87 0.00	52.86 3.73 0.00	59.23 4.13 0.00	59.83 4.02 0.00	65.50 4.40 0.00	70.55 5.94 0.00	84.71 7.84 0.00	99.88 10.46 0.00	99.70 9.72 0.00	93.13 8.70 0.00	81.32 6.16 0.00	69.09 4.58 0.00	59.52 4.05 0.00	53.60 3.60 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	45.09 3.30 0.00	39.77 2.95 0.00	36.48 2.51 0.00	33.71 2.35 0.00	33.23 2.26 0.00	34.65 2.39 0.00	37.25 2.57 0.00	40.68 3.01 0.00	46.25 3.23 0.00	46.50 3.16 0.00	49.38 3.32 0.00	52.52 3.39 0.00	58.90 3.80 0.00	59.66 3.85 0.00	64.76 4.34 0.68	69.64 5.88 0.85	84.64 7.92 0.15	99.42 10.73 0.72	99.50 10.26 0.74	93.32 9.37 0.49	82.14 6.99 0.00	69.67 5.16 0.00	59.91 4.44 0.00	53.90 3.90 0.00

KLAC_JFK_GT1 23816	45.63 3.84 0.00	40.14 3.31 0.00	37.02 3.06 0.00	34.18 2.82 0.00	33.66 2.69 0.00	35.13 2.87 0.00	38.01 3.33 0.00	41.54 3.88 0.00	47.29 4.26 0.00	47.71 4.38 0.00	50.30 4.24 0.00	53.25 4.13 0.00	59.56 4.46 0.00	60.11 4.30 0.00	65.80 4.70 0.00	71.01 6.40 0.00	85.41 8.53 0.00	100.86 11.45 0.00	100.33 10.35 0.00	93.81 9.37 0.00	81.69 6.54 0.00	69.15 4.64 0.00	60.18 4.71 0.00	54.10 4.10 0.00
KIAC_JFK_GT2 23817	45.63 3.84 0.00	40.14 3.31 0.00	37.02 3.06 0.00	34.18 2.82 0.00	33.66 2.69 0.00	35.13 2.87 0.00	38.01 3.33 0.00	41.54 3.88 0.00	47.29 4.26 0.00	47.71 4.38 0.00	50.30 4.24 0.00	53.25 4.13 0.00	59.56 4.46 0.00	60.11 4.30 0.00	65.80 4.70 0.00	71.01 6.40 0.00	85.41 8.53 0.00	100.86 11.45 0.00	100.33 10.35 0.00	93.81 9.37 0.00	81.69 6.54 0.00	69.15 4.64 0.00	60.18 4.71 0.00	54.10 4.10 0.00
KIAC_JFK____ 323774	45.63 3.84 0.00	40.14 3.32 0.00	37.09 3.12 0.00	34.18 2.82 0.00	33.66 2.69 0.00	35.13 2.87 0.00	37.77 3.09 0.00	41.54 3.88 0.00	47.25 4.22 0.00	47.63 4.29 0.00	50.11 4.05 0.00	53.30 4.17 0.00	59.56 4.46 0.00	60.11 4.30 0.00	65.80 4.70 0.00	71.07 6.46 0.00	85.40 8.53 0.00	100.95 11.54 0.00	100.41 10.43 0.00	93.81 9.37 0.00	81.54 6.38 0.00	69.09 4.58 0.00	60.13 4.66 0.00	54.05 4.05 0.00
KINTIGH__24_KV_GSU 356498	41.66 -0.12 0.00	36.75 -0.07 0.00	34.06 0.10 0.00	31.33 -0.03 0.00	30.85 -0.12 0.00	32.26 0.00 0.00	33.99 -0.69 0.00	36.31 -1.35 0.00	41.56 -1.46 0.00	42.86 -0.48 0.00	46.15 0.09 0.00	49.13 0.00 0.00	56.37 1.27 0.00	57.82 2.01 0.00	62.87 1.77 0.00	65.83 1.22 0.00	78.56 1.69 0.00	91.20 1.79 0.00	91.68 1.71 0.00	86.38 1.94 0.00	76.13 0.97 0.00	65.92 1.42 0.00	55.91 0.44 0.00	50.30 0.30 0.00
KINTIGH____ 23543	41.66 -0.13 0.00	36.75 -0.07 0.00	33.86 -0.10 0.00	31.33 -0.03 0.00	30.85 -0.12 0.00	32.26 0.00 0.00	33.95 -0.73 0.00	36.31 -1.36 0.00	41.44 -1.59 0.00	42.51 -0.82 0.00	45.55 -0.51 0.00	49.13 0.00 0.00	56.37 1.27 0.00	57.88 2.06 0.00	62.87 1.77 0.00	65.39 0.78 0.00	78.49 1.61 0.00	91.56 2.15 0.00	91.69 1.71 0.00	86.38 1.94 0.00	75.68 0.53 0.00	65.80 1.29 0.00	55.91 0.44 0.00	50.30 0.30 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	42.04 0.25 0.00	36.94 0.11 0.00	34.13 0.17 0.00	31.52 0.16 0.00	31.19 0.22 0.00	32.36 0.10 0.00	35.06 0.38 0.00	38.08 0.41 0.00	43.89 0.86 0.00	44.16 0.82 0.00	46.57 0.51 0.00	49.32 0.20 0.00	54.77 -0.33 0.00	55.14 -0.67 0.00	60.61 -0.49 0.00	63.64 -0.97 0.00	75.18 -1.69 0.00	84.86 -3.31 1.25	85.74 -2.88 1.36	81.60 -2.20 0.65	74.03 -1.13 0.00	63.28 -1.23 0.00	54.80 -0.67 0.00	49.90 -0.10 0.00
LACHUTE__HYDRO 323717	44.25 2.46 0.00	38.74 1.91 0.00	35.49 1.53 0.00	32.65 1.29 0.00	32.33 1.36 0.00	33.78 1.52 0.00	36.41 1.73 0.00	39.32 1.66 0.00	44.40 1.38 0.00	44.29 0.95 0.00	46.47 0.41 0.00	49.72 0.59 0.00	54.77 -0.33 0.00	55.87 0.06 0.00	61.22 0.12 0.00	66.55 1.94 0.00	80.10 3.23 0.00	95.86 6.44 0.00	98.70 8.73 0.00	92.29 7.85 0.00	84.50 6.84 -2.51	69.73 5.22 0.00	58.74 3.27 0.00	53.00 3.00 0.00
LAWRNCV__115KV_TB1 80681	41.70 -0.08 0.00	36.68 -0.15 0.00	33.89 -0.07 0.00	31.27 -0.09 0.00	30.97 0.00 0.00	32.13 -0.13 0.00	34.75 0.07 0.00	37.63 -0.04 0.00	43.33 0.30 0.00	43.47 0.13 0.00	46.15 0.09 0.00	49.13 0.00 0.00	54.93 -0.17 0.00	55.53 -0.28 0.00	60.67 -0.43 0.00	62.99 -1.62 0.00	74.34 -2.54 0.00	75.91 -4.83 8.68	76.18 -4.32 9.48	76.31 -3.63 4.50	73.50 -1.65 0.00	63.47 -1.03 0.00	55.41 -0.06 0.00	50.35 0.35 0.00
LEDERLE____ 23769	45.26 3.47 0.00	39.96 3.13 0.00	36.65 2.68 0.00	33.90 2.54 0.00	33.39 2.42 0.00	34.81 2.55 0.00	37.45 2.77 0.00	41.02 3.35 0.00	46.56 3.53 0.00	46.93 3.60 0.00	49.84 3.78 0.00	52.86 3.73 0.00	59.23 4.13 0.00	59.83 4.02 0.00	65.56 4.46 0.00	70.62 6.01 0.00	84.79 7.92 0.00	99.97 10.55 0.00	99.79 9.81 0.00	93.22 8.78 0.00	81.47 6.31 0.00	69.21 4.71 0.00	59.63 4.16 0.00	53.70 3.70 0.00
LIGHTHSE__115KV_TB6 355974	41.83 0.04 0.00	36.83 0.00 0.00	33.96 0.00 0.00	31.30 -0.06 0.00	30.97 0.00 0.00	32.32 0.06 0.00	34.61 -0.07 0.00	37.59 -0.08 0.00	42.81 -0.22 0.00	43.03 -0.30 0.00	45.88 -0.18 0.00	49.08 -0.05 0.00	55.10 0.00 0.00	55.98 0.17 0.00	61.10 0.00 0.00	64.55 -0.06 0.00	77.26 0.38 0.00	91.10 1.07 -0.62	92.27 1.62 -0.67	86.70 1.94 -0.32	76.28 1.13 0.00	65.67 1.16 0.00	55.97 0.50 0.00	50.25 0.25 0.00
LINDEN COGEN____ 23786	45.34 3.55 0.00	39.96 3.13 0.00	36.71 2.75 0.00	33.84 2.48 0.00	33.36 2.38 0.00	34.78 2.52 0.00	37.56 2.88 0.00	41.24 3.58 0.00	46.86 3.83 0.00	47.24 3.90 0.00	49.93 3.87 0.00	53.10 3.98 0.01	59.28 4.19 0.00	49.41 3.96 10.37	50.95 4.34 14.49	58.62 5.94 11.93	72.51 7.84 12.21	94.23 10.64 5.82	87.96 9.63 11.65	86.15 8.52 6.81	65.94 5.71 14.92	56.69 4.13 11.95	52.76 3.94 6.65	49.87 3.55 3.68
LINDHRST_69_KV_BK1 356055	47.81 5.27 -0.75	41.39 4.57 0.00	37.90 3.94 0.00	34.90 3.54 0.00	34.22 3.25 0.00	35.68 3.42 0.00	38.60 3.92 0.00	42.52 4.86 0.00	48.23 5.21 0.00	48.71 5.37 0.00	51.63 5.57 0.00	53.85 4.72 -0.01	60.28 5.18 -0.01	60.95 5.13 -0.01	67.02 5.93 0.00	78.59 8.01 -5.96	96.25 10.30 -9.07	105.31 13.68 -2.22	104.44 12.96 -1.50	96.29 11.57 -0.28	83.50 8.34 -0.01	70.77 6.26 -0.01	61.86 5.77 -0.63	54.91 4.90 -0.01
LIPA_MISC_IPP 23656	47.39 4.85 -0.75	40.95 4.12 0.00	37.49 3.53 0.00	34.50 3.14 0.00	33.79 2.82 0.00	35.23 2.97 0.00	38.15 3.47 0.00	42.03 4.37 0.00	47.67 4.65 0.00	48.15 4.81 0.00	51.13 5.07 0.00	53.16 4.03 0.00	59.46 4.35 0.00	60.06 4.24 0.00	66.23 5.13 0.00	74.35 7.11 -2.63	90.32 9.46 -3.99	143.74 12.61 -41.72	150.10 11.88 -48.24	95.13 10.55 -0.14	82.30 7.14 0.00	69.73 5.22 0.00	60.40 4.66 -0.27	54.10 4.10 0.00
LISF__SOLAR 323691	47.51 4.97 -0.75	41.07 4.23 -0.01	37.64 3.67 -0.01	34.56 3.20 0.00	33.85 2.88 0.00	35.29 3.03 0.00	38.22 3.54 0.00	42.15 4.48 -0.01	47.50 4.47 0.00	47.89 4.55 -0.01	50.95 4.88 -0.01	53.80 4.67 -0.01	59.62 4.52 0.00	60.00 4.19 0.00	66.35 5.26 0.00	74.58 7.30 -2.67	90.60 9.69 -4.04	146.86 13.15 -44.30	153.47 12.23 -51.25	95.47 10.90 -0.14	82.22 7.06 0.00	69.93 5.42 0.00	60.57 4.82 -0.28	54.00 4.00 0.00
LITTLE FALLS__HYD 24013	42.67 0.88 0.00	37.64 0.81 0.00	34.68 0.71 0.00	32.02 0.66 0.00	31.65 0.68 0.00	33.00 0.74 0.00	35.41 0.73 0.00	38.45 0.79 0.00	43.85 0.82 0.00	44.07 0.74 0.00	46.84 0.78 0.00	50.01 0.88 0.00	56.09 0.99 0.00	56.87 1.06 0.00	62.08 0.98 0.00	65.84 1.23 0.00	78.49 1.61 0.01	91.65 2.24 0.00	92.32 2.34 0.00	86.55 2.11 0.00	76.66 1.50 0.00	65.86 1.35 0.00	56.47 1.00 0.00	50.80 0.80 0.00

LITTLRIV_115KV_TB1 356100	42.12 0.33 0.00	37.05 0.22 0.00	34.23 0.27 0.00	31.58 0.22 0.00	31.31 0.34 0.00	32.52 0.26 0.00	35.10 0.42 0.00	38.00 0.34 0.00	43.72 0.69 0.00	43.73 0.39 0.00	46.43 0.37 0.00	49.42 0.29 0.00	55.26 0.17 0.00	55.92 0.11 0.00	61.10 0.00 0.00	63.38 -1.23 0.00	74.87 -2.00 0.00	76.80 -3.93 8.68	77.26 -3.24 9.48	77.58 -2.36 4.50	74.78 -0.38 0.00	64.63 0.13 0.00	56.24 0.78 0.00	51.05 1.05 0.00
LI_NEWBRDGE___DRP 323616	46.72 4.18 -0.75	40.55 3.72 0.00	37.19 3.23 0.00	34.31 2.95 0.00	33.66 2.69 0.00	35.10 2.84 0.00	37.94 3.26 0.00	41.73 4.07 0.00	47.37 4.35 0.00	47.76 4.42 0.00	50.48 4.42 0.00	52.91 3.78 0.00	59.18 4.08 0.00	59.83 4.02 0.00	65.68 4.58 0.00	71.77 6.53 -0.64	86.37 8.53 -0.96	100.88 11.36 -0.11	100.51 10.53 0.00	93.93 9.46 -0.04	81.69 6.54 0.00	69.28 4.77 0.00	60.29 4.77 -0.05	53.94 3.95 0.01
LOCKPORT_115KV_TB60_63_64 80432	41.75 -0.04 0.00	36.90 0.07 0.00	33.83 -0.14 0.00	31.49 0.13 0.00	30.97 0.00 0.00	32.45 0.19 0.00	33.85 -0.83 0.00	36.04 -1.62 0.00	41.09 -1.94 0.00	42.30 -1.04 0.00	45.37 -0.69 0.00	48.78 -0.34 0.00	56.26 1.16 0.00	57.99 2.18 0.00	62.81 1.71 0.00	65.06 0.45 0.00	78.18 1.31 0.00	91.11 1.70 0.00	91.33 1.35 0.00	86.13 1.69 0.00	75.23 0.08 0.00	65.54 1.03 0.00	55.63 0.17 0.00	50.15 0.15 0.00
LOCKPORT___CC1 323769	41.75 -0.04 0.00	36.90 0.07 0.00	34.23 0.27 0.00	31.33 -0.03 0.00	30.94 -0.03 0.00	32.42 0.16 0.00	33.88 -0.80 0.00	36.01 -1.66 0.00	41.22 -1.81 0.00	42.69 -0.65 0.00	46.06 0.00 0.00	48.68 -0.44 0.00	56.09 0.99 0.00	57.76 1.95 0.00	62.63 1.53 0.00	65.39 0.78 0.00	77.95 1.08 0.00	90.40 0.99 0.00	90.97 0.99 0.00	85.87 1.43 0.00	75.53 0.38 0.00	65.47 0.97 0.00	55.52 0.06 0.00	50.05 0.05 0.00
LOCKPORT___CC2 323770	41.75 -0.04 0.00	36.90 0.07 0.00	34.23 0.27 0.00	31.33 -0.03 0.00	30.94 -0.03 0.00	32.42 0.16 0.00	33.88 -0.80 0.00	36.01 -1.66 0.00	41.22 -1.81 0.00	42.69 -0.65 0.00	46.06 0.00 0.00	48.68 -0.44 0.00	56.09 0.99 0.00	57.76 1.95 0.00	62.63 1.53 0.00	65.39 0.78 0.00	77.95 1.08 0.00	90.40 0.99 0.00	90.97 0.99 0.00	85.87 1.43 0.00	75.53 0.38 0.00	65.47 0.97 0.00	55.52 0.06 0.00	50.05 0.05 0.00
LOCKPORT___CC3 323771	41.75 -0.04 0.00	36.90 0.07 0.00	34.23 0.27 0.00	31.33 -0.03 0.00	30.94 -0.03 0.00	32.42 0.16 0.00	33.88 -0.80 0.00	36.01 -1.66 0.00	41.22 -1.81 0.00	42.69 -0.65 0.00	46.06 0.00 0.00	48.68 -0.44 0.00	56.09 0.99 0.00	57.76 1.95 0.00	62.63 1.53 0.00	65.39 0.78 0.00	77.95 1.08 0.00	90.40 0.99 0.00	90.97 0.99 0.00	85.87 1.43 0.00	75.53 0.38 0.00	65.47 0.97 0.00	55.52 0.06 0.00	50.05 0.05 0.00
LOCUSVLY_69_KV_BK2 55797	47.18 4.64 -0.75	40.88 4.05 0.00	37.49 3.53 0.00	34.56 3.20 0.00	33.94 2.97 0.00	35.39 3.13 0.00	38.22 3.54 0.00	42.03 4.37 0.00	47.76 4.73 0.00	48.19 4.85 0.00	51.08 5.02 0.00	53.70 4.57 0.00	60.11 5.01 0.00	60.67 4.86 0.00	66.66 5.56 0.00	81.73 7.43 -9.69	101.37 9.76 -14.74	103.71 12.79 -1.51	101.95 11.97 0.00	95.61 10.72 -0.45	82.75 7.59 0.00	70.18 5.68 0.00	61.68 5.16 -1.05	54.46 4.45 -0.01
LONG_LAKE_PHOENIX 24014	41.12 -0.67 0.00	36.20 -0.63 0.00	33.39 -0.58 0.00	30.80 -0.56 0.00	30.44 -0.53 0.00	31.74 -0.52 0.00	34.02 -0.66 0.00	36.95 -0.72 0.00	42.21 -0.82 0.00	42.56 -0.78 0.00	45.37 -0.69 0.00	48.54 -0.59 0.00	54.60 -0.50 0.00	55.42 -0.39 0.00	60.55 -0.55 0.00	64.09 -0.52 0.00	76.57 -0.31 0.00	89.62 0.00 -0.21	90.38 0.18 -0.23	84.80 0.25 -0.11	74.85 -0.30 0.00	64.38 -0.13 0.00	54.97 -0.50 0.00	49.35 -0.65 0.00
LOVETT___3 23632	44.96 3.18 0.00	39.70 2.87 0.00	36.44 2.48 0.00	33.71 2.35 0.00	33.20 2.23 0.00	34.62 2.36 0.00	37.25 2.57 0.00	40.79 3.13 0.00	46.30 3.27 0.00	46.67 3.34 0.00	49.52 3.45 0.00	52.47 3.34 0.00	58.74 3.64 0.00	59.33 3.52 0.00	64.95 3.85 0.00	69.91 5.30 0.00	83.95 7.07 0.00	99.07 9.66 0.00	98.89 8.91 0.00	92.37 7.94 0.00	80.72 5.56 0.00	68.57 4.06 0.00	59.13 3.66 0.00	53.30 3.30 0.00
LOVETT___4 23642	44.96 3.18 0.00	39.70 2.87 0.00	36.44 2.48 0.00	33.71 2.35 0.00	33.20 2.23 0.00	34.62 2.36 0.00	37.25 2.57 0.00	40.79 3.13 0.00	46.30 3.27 0.00	46.67 3.34 0.00	49.52 3.45 0.00	52.47 3.34 0.00	58.74 3.64 0.00	59.33 3.52 0.00	64.95 3.85 0.00	69.91 5.30 0.00	83.95 7.07 0.00	99.07 9.66 0.00	98.89 8.91 0.00	92.37 7.94 0.00	80.72 5.56 0.00	68.57 4.06 0.00	59.13 3.66 0.00	53.30 3.30 0.00
LOVETT___5 23593	44.96 3.18 0.00	39.70 2.87 0.00	36.44 2.48 0.00	33.71 2.35 0.00	33.20 2.23 0.00	34.62 2.36 0.00	37.25 2.57 0.00	40.79 3.13 0.00	46.30 3.27 0.00	46.67 3.34 0.00	49.52 3.45 0.00	52.47 3.34 0.00	58.74 3.64 0.00	59.33 3.52 0.00	64.95 3.85 0.00	69.91 5.30 0.00	83.95 7.07 0.00	99.07 9.66 0.00	98.89 8.91 0.00	92.37 7.94 0.00	80.72 5.56 0.00	68.57 4.06 0.00	59.13 3.66 0.00	53.30 3.30 0.00
LOWER RAQUET___HYD 24057	41.75 -0.04 0.00	36.72 -0.11 0.00	33.93 -0.03 0.00	31.30 -0.06 0.00	31.00 0.03 0.00	32.16 -0.10 0.00	34.78 0.10 0.00	37.66 0.00 0.00	43.33 0.30 0.00	43.42 0.09 0.00	46.11 0.05 0.00	49.13 0.00 0.00	54.93 -0.16 0.00	55.53 -0.28 0.00	60.61 -0.49 0.00	62.73 -1.88 0.00	74.03 -2.84 0.00	75.64 -5.09 8.68	75.91 -4.59 9.48	76.06 -3.88 4.50	73.28 -1.88 0.00	63.41 -1.10 0.00	55.41 -0.06 0.00	50.40 0.40 0.00
LOWER___HUDSON 24059	43.84 2.05 0.00	38.63 1.80 0.00	35.59 1.63 0.00	32.87 1.51 0.00	32.46 1.49 0.00	33.81 1.55 0.00	36.31 1.63 0.00	39.43 1.77 0.00	44.70 1.68 0.00	44.77 1.43 0.00	47.30 1.24 0.00	50.40 1.28 0.00	56.42 1.32 0.00	57.26 1.45 0.00	62.75 1.65 0.00	67.26 2.65 0.00	80.34 3.46 0.00	94.78 5.36 0.00	95.38 5.40 0.00	89.25 4.81 0.00	85.37 3.68 -6.54	67.34 2.84 0.00	57.63 2.16 0.00	52.00 2.00 0.00
LOWVILLE_115KV_TB2 356335	42.83 1.04 0.00	37.71 0.88 0.00	34.78 0.82 0.00	32.02 0.66 0.00	31.78 0.81 0.00	33.20 0.94 0.00	35.51 0.83 0.00	38.60 0.94 0.00	44.02 0.99 0.00	43.99 0.65 0.00	46.84 0.78 0.00	50.11 0.98 0.00	56.20 1.10 0.00	57.09 1.28 0.00	62.26 1.16 0.00	65.84 1.23 0.00	78.72 1.84 0.00	94.23 3.04 -1.78	96.24 4.32 -1.94	90.00 4.64 -0.92	78.16 3.01 0.00	67.15 2.64 0.00	57.13 1.66 0.00	51.05 1.05 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	44.17 2.38 0.00	38.89 2.06 0.00	35.76 1.80 0.00	33.02 1.66 0.00	32.61 1.64 0.00	33.97 1.71 0.00	36.52 1.84 0.00	39.55 1.88 0.00	44.88 1.85 0.00	44.94 1.60 0.00	47.49 1.43 0.00	50.60 1.47 0.00	56.48 1.38 0.00	57.32 1.51 0.00	62.81 1.71 0.00	67.45 2.84 0.00	80.64 3.77 0.00	95.23 5.81 0.00	96.28 6.30 0.00	90.18 5.74 0.00	82.88 4.66 -3.07	68.25 3.74 0.00	58.24 2.77 0.00	52.60 2.60 0.00

LUTHERNY_35_KV_BK2 355980	44.21 2.42 0.00	38.89 2.06 0.00	35.80 1.83 0.00	33.02 1.66 0.00	32.61 1.64 0.00	34.00 1.74 0.00	36.52 1.84 0.00	39.58 1.92 0.00	44.88 1.85 0.00	44.98 1.65 0.00	47.53 1.47 0.00	50.60 1.47 0.00	56.48 1.38 0.00	57.37 1.56 0.00	62.87 1.77 0.00	67.52 2.91 0.00	80.72 3.84 0.00	95.32 5.90 0.00	96.46 6.48 0.00	90.26 5.83 0.00	82.96 4.73 -3.07	68.31 3.81 0.00	58.30 2.83 0.00	52.60 2.60 0.00
LWR___OSWEGATCHIE_HYD 23850	42.16 0.38 0.00	37.08 0.26 0.00	34.23 0.27 0.00	31.55 0.19 0.00	31.28 0.31 0.00	32.58 0.32 0.00	35.06 0.38 0.00	37.93 0.26 0.00	43.42 0.39 0.00	43.42 0.09 0.00	46.20 0.14 0.00	49.37 0.25 0.00	55.32 0.22 0.00	56.09 0.28 0.00	61.10 0.00 0.00	64.03 -0.58 0.00	76.18 -0.69 0.00	94.58 -0.98 -6.14	96.69 0.00 -6.71	88.30 0.68 -3.18	75.83 0.68 0.00	65.34 0.84 0.00	56.36 0.89 0.00	50.70 0.70 0.00
LYONS_FALL_HYD 23570	42.83 1.05 0.00	37.71 0.88 0.00	34.81 0.85 0.00	32.05 0.69 0.00	31.77 0.80 0.00	33.16 0.90 0.00	35.51 0.83 0.00	38.60 0.94 0.00	44.06 1.03 0.00	44.07 0.74 0.00	46.98 0.92 0.00	50.21 1.08 0.00	56.37 1.27 0.00	57.26 1.45 0.00	62.50 1.41 0.00	66.16 1.55 0.00	79.02 2.15 0.00	93.90 3.31 -1.18	95.49 4.23 -1.28	89.43 4.39 -0.61	78.24 3.08 0.00	67.15 2.65 0.00	57.24 1.77 0.00	51.25 1.25 0.00
MADISON___COUNTY_LFGE 323628	43.04 1.25 0.00	37.93 1.10 0.00	34.95 0.98 0.00	32.24 0.88 0.00	31.90 0.93 0.00	33.32 1.06 0.00	35.65 0.97 0.00	38.72 1.05 0.00	44.19 1.16 0.00	44.33 1.00 0.00	47.26 1.20 0.00	50.55 1.42 0.00	56.86 1.76 0.00	57.76 1.95 0.00	63.11 2.02 0.00	66.87 2.26 0.00	79.95 3.07 0.00	94.06 4.29 -0.36	95.32 4.95 -0.39	89.43 4.81 -0.18	78.91 3.76 0.00	67.86 3.35 0.00	57.80 2.33 0.00	51.80 1.80 0.00
MALONE___115KV_TB1 356076	41.87 0.08 0.00	36.79 -0.04 0.00	34.00 0.03 0.00	31.39 0.03 0.00	31.09 0.12 0.00	32.26 0.00 0.00	34.96 0.28 0.00	37.96 0.30 0.00	43.97 0.95 0.00	44.25 0.91 0.00	46.89 0.83 0.00	49.81 0.69 0.00	55.65 0.55 0.00	56.26 0.45 0.00	61.83 0.73 0.00	64.87 0.26 0.00	75.95 -0.92 0.00	83.21 -2.68 3.52	83.88 -2.25 3.85	81.09 -1.52 1.83	74.78 -0.38 0.00	64.05 -0.45 0.00	55.47 0.00 0.00	50.20 0.20 0.00
MAPLEWOD_115KV_TB3 80458	43.21 1.42 0.00	38.12 1.29 0.00	35.15 1.19 0.00	32.49 1.13 0.00	32.05 1.08 0.00	33.36 1.10 0.00	35.82 1.14 0.00	38.79 1.13 0.00	44.15 1.12 0.00	44.33 1.00 0.00	46.98 0.92 0.00	49.96 0.84 0.00	55.82 0.72 0.00	56.37 0.56 0.00	61.71 0.61 0.00	66.10 1.49 0.00	78.95 2.08 0.00	92.81 3.40 0.00	93.40 3.42 0.00	87.39 2.96 0.00	74.99 2.03 2.19	65.92 1.42 0.00	56.47 1.00 0.00	51.00 1.00 0.00
MAPLE_RIDGE_WT_1 323574	41.66 -0.12 0.00	36.72 -0.11 0.00	33.86 -0.10 0.00	31.27 -0.09 0.00	30.85 -0.12 0.00	32.10 -0.16 0.00	34.54 -0.14 0.00	37.48 -0.19 0.00	42.90 -0.13 0.00	43.21 -0.13 0.00	45.92 -0.14 0.00	48.98 -0.15 0.00	54.93 -0.16 0.00	55.59 -0.22 0.00	60.85 -0.24 0.00	64.29 -0.32 0.00	76.41 -0.46 0.00	88.70 -0.72 0.00	89.26 -0.72 0.00	83.76 -0.68 0.00	74.48 -0.68 0.00	63.67 -0.84 0.00	54.69 -0.78 0.00	49.20 -0.80 0.00
MAPLE_RIDGE_WT_2 323611	41.66 -0.12 0.00	36.72 -0.11 0.00	33.86 -0.10 0.00	31.27 -0.09 0.00	30.85 -0.12 0.00	32.10 -0.16 0.00	34.54 -0.14 0.00	37.48 -0.19 0.00	42.90 -0.13 0.00	43.21 -0.13 0.00	45.92 -0.14 0.00	48.98 -0.15 0.00	54.93 -0.16 0.00	55.59 -0.22 0.00	60.85 -0.24 0.00	64.29 -0.32 0.00	76.41 -0.46 0.00	88.70 -0.72 0.00	89.26 -0.72 0.00	83.76 -0.68 0.00	74.48 -0.68 0.00	63.67 -0.84 0.00	54.69 -0.78 0.00	49.20 -0.80 0.00
MARBLE_RIVER_WT_PWR 323696	41.41 -0.38 0.00	36.42 -0.40 0.00	33.62 -0.34 0.00	31.05 -0.31 0.00	30.72 -0.25 0.00	31.91 -0.35 0.00	34.54 -0.14 0.00	37.55 -0.11 0.00	43.24 0.22 0.00	43.56 0.22 0.00	46.01 -0.05 0.00	48.88 -0.24 0.00	54.49 -0.60 0.00	54.92 -0.90 0.00	60.30 -0.80 0.00	63.32 -1.29 0.00	74.80 -2.07 0.00	84.78 -3.58 1.06	85.50 -3.33 1.15	81.02 -2.87 0.55	73.43 -1.73 0.00	62.83 -1.68 0.00	54.41 -1.06 0.00	49.40 -0.60 0.00
MARSHVLE_115KV_TB1 80742	44.96 3.18 0.00	39.48 2.65 0.00	36.31 2.34 0.00	33.49 2.13 0.00	33.14 2.17 0.00	34.62 2.36 0.00	36.93 2.25 0.00	39.66 2.00 0.00	44.75 1.72 0.00	44.64 1.30 0.00	47.35 1.29 0.00	50.40 1.28 0.00	56.31 1.21 0.00	57.21 1.40 0.00	62.63 1.53 0.00	66.81 2.20 0.00	80.33 3.46 0.00	94.78 5.36 0.00	96.82 6.84 0.00	91.95 7.51 0.00	82.31 6.61 -0.54	70.38 5.87 0.00	59.85 4.38 0.00	53.85 3.85 0.00
MARSH_HILL_WT_PWR 323713	43.00 1.21 0.00	37.86 1.03 0.00	35.05 1.09 0.00	32.17 0.81 0.00	31.71 0.74 0.00	33.20 0.94 0.00	34.99 0.31 0.00	37.48 -0.19 0.00	42.64 -0.39 0.00	43.60 0.26 0.00	46.89 0.83 0.00	49.76 0.64 0.00	56.81 1.71 0.00	58.26 2.45 0.00	63.42 2.32 0.00	66.55 1.94 0.00	79.72 2.85 0.00	92.63 3.21 0.00	93.93 3.95 0.00	88.66 4.22 0.00	78.16 3.01 0.00	67.34 2.84 0.00	56.86 1.39 0.00	50.85 0.85 0.00
MCINTYRE_115KV_TB2 80467	42.25 0.46 0.00	37.16 0.33 0.00	34.34 0.37 0.00	31.67 0.31 0.00	31.40 0.43 0.00	32.62 0.35 0.00	35.17 0.49 0.00	38.08 0.41 0.00	43.76 0.73 0.00	43.77 0.43 0.00	46.43 0.37 0.00	49.37 0.25 0.00	55.21 0.11 0.00	55.87 0.06 0.00	61.16 0.06 0.00	63.71 -0.90 0.00	75.34 -1.54 0.00	77.34 -3.40 8.68	77.98 -2.52 9.48	78.42 -1.52 4.50	75.61 0.45 0.00	65.22 0.71 0.00	56.63 1.16 0.00	51.30 1.30 0.00
MECO_____69_KV_BK1 80468	45.55 3.76 0.00	39.96 3.13 0.00	36.75 2.78 0.00	33.87 2.51 0.00	33.51 2.54 0.00	35.00 2.74 0.00	37.45 2.77 0.00	40.37 2.71 0.00	45.61 2.58 0.00	45.46 2.12 0.00	48.18 2.12 0.00	51.34 2.21 0.00	57.25 2.15 0.00	58.21 2.40 0.00	63.73 2.63 0.00	68.29 3.68 0.00	82.18 5.30 0.00	97.28 7.87 0.00	99.16 9.18 0.00	93.56 9.12 0.00	83.63 7.89 -0.58	71.15 6.64 0.00	60.46 4.99 0.00	54.50 4.50 0.00
MENANDS___115KV_TB5 355628	42.92 1.13 0.00	37.93 1.10 0.00	34.98 1.02 0.00	32.33 0.97 0.00	31.90 0.93 0.00	33.20 0.94 0.00	35.62 0.94 0.00	38.60 0.94 0.00	43.93 0.90 0.00	44.12 0.78 0.00	46.75 0.69 0.00	49.72 0.59 0.00	55.48 0.39 0.00	56.03 0.22 0.00	61.34 0.24 0.00	65.64 1.03 0.00	78.41 1.54 0.00	92.10 2.68 0.00	92.50 2.52 0.00	86.55 2.11 0.00	74.15 1.28 2.29	65.34 0.84 0.00	56.02 0.55 0.00	50.60 0.60 0.00
MG INDUSTRY___DRP 24185	43.04 1.25 0.00	37.97 1.14 0.00	35.02 1.05 0.00	32.40 1.03 0.00	31.96 0.99 0.00	33.23 0.97 0.00	35.62 0.94 0.00	38.53 0.87 0.00	43.76 0.73 0.00	43.90 0.56 0.00	46.52 0.46 0.00	49.47 0.34 0.00	55.26 0.17 0.00	55.51 -0.28 0.02	55.30 -1.41 4.40	58.31 -0.78 5.52	75.27 -0.61 0.99	84.81 0.09 4.70	85.38 0.18 4.78	81.42 0.17 3.18	73.56 -0.30 1.30	64.05 -0.45 0.00	54.97 -0.50 0.00	49.65 -0.35 0.00

MID___OSWEGATCHIE_HYD 23849	42.16 0.38 0.00	37.08 0.26 0.00	34.23 0.27 0.00	31.55 0.19 0.00	31.28 0.31 0.00	32.58 0.32 0.00	35.06 0.38 0.00	37.93 0.26 0.00	43.42 0.39 0.00	43.42 0.09 0.00	46.20 0.14 0.00	49.37 0.25 0.00	55.32 0.22 0.00	56.09 0.28 0.00	61.10 0.00 0.00	64.03 -0.58 0.00	76.18 -0.69 0.00	94.58 -0.98 -6.14	96.69 0.00 -6.71	88.30 0.68 -3.18	75.83 0.68 0.00	65.34 0.84 0.00	56.36 0.89 0.00	50.70 0.70 0.00
MID___RAQUETTE_HYD 23851	41.75 -0.04 0.00	36.72 -0.11 0.00	33.93 -0.03 0.00	31.30 -0.06 0.00	31.00 0.03 0.00	32.16 -0.10 0.00	34.78 0.10 0.00	37.66 0.00 0.00	43.33 0.30 0.00	43.42 0.09 0.00	46.15 0.09 0.00	49.13 0.00 0.00	54.93 -0.17 0.00	55.53 -0.28 0.00	60.61 -0.49 0.00	62.74 -1.87 0.00	74.03 -2.84 0.00	75.64 -5.10 8.68	75.91 -4.59 9.48	76.06 -3.88 4.50	73.35 -1.80 0.00	63.41 -1.10 0.00	55.41 -0.06 0.00	50.40 0.40 0.00
MILLIKEN___1 23584	42.87 1.09 0.00	37.71 0.88 0.00	34.81 0.85 0.00	32.08 0.72 0.00	31.71 0.74 0.00	33.13 0.87 0.00	35.41 0.73 0.00	38.45 0.79 0.00	43.80 0.77 0.00	44.12 0.78 0.00	47.03 0.97 0.00	50.36 1.23 0.00	56.75 1.65 0.00	57.76 1.95 0.00	63.11 2.02 0.00	66.81 2.20 0.00	80.10 3.23 0.00	93.80 4.38 0.00	94.84 4.86 0.00	89.25 4.81 0.00	78.76 3.61 0.00	67.80 3.29 0.00	57.63 2.16 0.00	51.65 1.65 0.00
MILLIKEN___2 23585	42.87 1.09 0.00	37.71 0.88 0.00	34.81 0.85 0.00	32.08 0.72 0.00	31.71 0.74 0.00	33.13 0.87 0.00	35.41 0.73 0.00	38.45 0.79 0.00	43.80 0.77 0.00	44.12 0.78 0.00	47.03 0.97 0.00	50.36 1.23 0.00	56.75 1.65 0.00	57.76 1.95 0.00	63.11 2.02 0.00	66.81 2.20 0.00	80.10 3.23 0.00	93.80 4.38 0.00	94.84 4.86 0.00	89.25 4.81 0.00	78.76 3.61 0.00	67.80 3.29 0.00	57.63 2.16 0.00	51.65 1.65 0.00
MILLIKEN___DIESEL 23629	42.87 1.09 0.00	37.71 0.88 0.00	34.81 0.85 0.00	32.08 0.72 0.00	31.71 0.74 0.00	33.13 0.87 0.00	35.41 0.73 0.00	38.45 0.79 0.00	43.80 0.77 0.00	44.12 0.78 0.00	47.03 0.97 0.00	50.36 1.23 0.00	56.75 1.65 0.00	57.76 1.95 0.00	63.11 2.02 0.00	66.81 2.20 0.00	80.10 3.23 0.00	93.80 4.38 0.00	94.84 4.86 0.00	89.25 4.81 0.00	78.76 3.61 0.00	67.80 3.29 0.00	57.63 2.16 0.00	51.65 1.65 0.00
MILLSEAT___LFGE 323607	42.50 0.71 0.00	37.60 0.77 0.00	34.84 0.88 0.00	31.86 0.50 0.00	31.50 0.53 0.00	33.00 0.74 0.00	34.58 -0.10 0.00	36.95 -0.72 0.00	42.25 -0.77 0.00	43.77 0.43 0.00	47.21 1.15 0.00	50.11 0.98 0.00	57.80 2.70 0.00	59.44 3.63 0.00	64.52 3.42 0.00	67.52 2.91 0.00	80.64 3.77 0.00	93.80 4.38 0.00	94.39 4.41 0.00	89.08 4.64 0.00	78.24 3.08 0.00	67.79 3.29 0.00	57.36 1.89 0.00	51.50 1.50 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	45.13 3.34 0.00	39.81 2.98 0.00	36.54 2.58 0.00	33.78 2.41 0.00	33.29 2.32 0.00	34.68 2.42 0.00	37.35 2.67 0.00	40.94 3.28 0.00	46.51 3.49 0.00	46.85 3.51 0.00	49.75 3.68 0.00	52.67 3.54 0.00	59.01 3.91 0.00	59.61 3.80 0.00	65.25 4.15 0.00	70.30 5.69 0.00	84.41 7.53 0.00	99.61 10.19 0.00	99.34 9.36 0.00	92.80 8.36 0.00	81.09 5.94 0.00	68.89 4.39 0.00	59.35 3.88 0.00	53.50 3.50 0.00
MILLWOOD_13_KV_LOAD 356217	45.26 3.47 0.00	39.92 3.09 0.00	36.65 2.68 0.00	33.87 2.51 0.00	33.39 2.42 0.00	34.78 2.52 0.00	37.45 2.77 0.00	41.05 3.39 0.00	46.64 3.61 0.00	46.98 3.64 0.00	49.88 3.82 0.00	52.86 3.73 0.00	59.23 4.13 0.00	59.83 4.02 0.00	65.62 4.52 0.00	70.62 6.01 0.00	84.94 8.07 0.00	100.23 10.82 0.00	100.06 10.08 0.00	93.30 8.87 0.00	81.54 6.39 0.00	69.21 4.71 0.00	59.57 4.10 0.00	53.65 3.65 0.00
MODEL_CITY_ENERGY 24167	41.41 -0.38 0.00	36.64 -0.18 0.00	33.96 0.00 0.00	30.99 -0.37 0.00	30.72 -0.25 0.00	32.20 -0.06 0.00	33.57 -1.11 0.00	35.63 -2.03 0.00	40.79 -2.24 0.00	42.26 -1.08 0.00	45.55 -0.51 0.00	48.34 -0.79 0.00	55.71 0.61 0.00	57.32 1.51 0.00	62.20 1.10 0.00	64.87 0.26 0.00	77.41 0.54 0.00	89.77 0.36 0.00	90.34 0.36 0.00	85.28 0.84 0.00	75.01 -0.15 0.00	65.02 0.51 0.00	55.14 -0.33 0.00	49.80 -0.20 0.00
MODERN_LFGE___ 323580	41.41 -0.38 0.00	36.64 -0.18 0.00	33.96 0.00 0.00	30.99 -0.37 0.00	30.72 -0.25 0.00	32.20 -0.06 0.00	33.57 -1.11 0.00	35.63 -2.03 0.00	40.79 -2.24 0.00	42.26 -1.08 0.00	45.55 -0.51 0.00	48.34 -0.79 0.00	55.71 0.61 0.00	57.32 1.51 0.00	62.20 1.10 0.00	64.87 0.26 0.00	77.41 0.54 0.00	89.77 0.36 0.00	90.34 0.36 0.00	85.28 0.84 0.00	75.01 -0.15 0.00	65.02 0.51 0.00	55.14 -0.33 0.00	49.80 -0.20 0.00
MOHAWK_PAPER___DRP 24187	43.21 1.42 0.00	38.12 1.29 0.00	35.15 1.19 0.00	32.49 1.13 0.00	32.05 1.08 0.00	33.36 1.10 0.00	35.82 1.14 0.00	38.79 1.13 0.00	44.15 1.12 0.00	44.33 1.00 0.00	46.98 0.92 0.00	49.96 0.84 0.00	55.82 0.72 0.00	56.37 0.56 0.00	61.71 0.61 0.00	66.10 1.49 0.00	78.95 2.08 0.00	92.81 3.40 0.00	93.40 3.42 0.00	87.39 2.96 0.00	74.99 2.03 2.19	65.92 1.42 0.00	56.47 1.00 0.00	51.00 0.00 0.00
MOHICAN___35_KV_115KV_LD 80490	44.09 2.30 0.00	38.78 1.95 0.00	35.66 1.70 0.00	32.90 1.54 0.00	32.49 1.52 0.00	33.87 1.61 0.00	36.45 1.77 0.00	39.47 1.81 0.00	44.66 1.64 0.00	44.72 1.39 0.00	47.07 1.01 0.00	50.11 0.98 0.00	55.76 0.66 0.00	56.65 0.84 0.00	62.08 0.98 0.00	66.81 2.20 0.00	80.02 3.15 0.00	94.69 5.28 0.00	96.46 6.48 0.00	90.26 5.83 0.00	83.06 4.96 -2.94	68.38 3.87 0.00	58.19 2.72 0.00	52.55 2.55 0.00
MONGAUP___HYD 23641	44.92 3.14 0.00	39.59 2.76 0.00	36.41 2.45 0.00	33.59 2.23 0.00	33.11 2.14 0.00	34.52 2.26 0.00	37.07 2.39 0.00	40.41 2.75 0.00	45.87 2.84 0.00	45.98 2.64 0.00	48.73 2.67 0.00	51.98 2.85 0.00	58.24 3.14 0.00	58.88 3.07 0.00	64.52 3.42 0.00	69.46 4.85 0.00	83.56 6.68 0.00	98.80 9.39 0.00	99.06 9.08 0.00	92.88 8.44 0.00	81.47 6.31 0.00	69.21 4.71 0.00	59.46 4.00 0.00	53.50 3.50 0.00
MONTAUK___DIESEL 23721	49.35 6.81 -0.75	42.68 5.86 0.00	39.09 5.13 0.00	35.97 4.61 0.00	35.15 4.18 0.00	36.65 4.39 0.00	39.71 5.03 0.00	43.84 6.18 0.00	49.83 6.80 0.00	50.53 7.19 0.00	54.08 8.01 0.00	56.45 7.32 0.00	63.26 8.15 0.00	63.91 8.09 0.00	70.32 9.23 0.00	78.62 11.37 -2.64	95.56 14.68 -4.01	150.72 18.60 -42.71	156.74 17.37 -49.39	99.69 15.11 -0.14	85.31 10.15 0.00	71.93 7.42 0.00	61.68 5.94 -0.28	55.50 5.50 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	42.96 1.17 0.00	37.86 1.03 0.00	34.74 0.78 0.00	32.14 0.78 0.00	31.56 0.59 0.00	33.07 0.81 0.00	34.71 0.03 0.00	37.59 -0.08 0.00	42.98 -0.04 0.00	44.33 1.00 0.00	47.67 1.61 0.00	51.53 2.41 0.00	59.07 3.97 0.00	60.95 5.13 0.00	65.92 4.83 0.00	68.62 4.01 0.00	82.25 5.38 0.00	95.23 5.81 0.00	95.65 5.67 0.00	89.76 5.32 0.00	77.79 2.63 0.00	67.34 2.84 0.00	57.19 1.72 0.00	51.30 1.30 0.00

MORRIS_RIDGE___SOLAR 323848	42.37 0.58 0.00	37.34 0.52 0.00	34.61 0.64 0.00	31.80 0.44 0.00	31.34 0.37 0.00	32.81 0.55 0.00	34.47 -0.21 0.00	36.76 -0.90 0.00	41.78 -1.25 0.00	42.86 -0.48 0.00	46.06 0.00 0.00	48.93 -0.20 0.00	55.98 0.88 0.00	57.43 1.62 0.00	62.50 1.41 0.00	65.58 0.97 0.00	78.49 1.62 0.00	91.30 1.88 0.00	92.41 2.43 0.00	87.31 2.87 0.00	77.04 1.88 0.00	66.51 2.00 0.00	56.35 0.88 0.00	50.55 0.55 0.00
MORTIMER_115KV_TB3 55949	42.08 0.29 0.00	37.12 0.29 0.00	34.23 0.27 0.00	31.58 0.22 0.00	31.13 0.15 0.00	32.55 0.29 0.00	34.47 -0.21 0.00	37.17 -0.49 0.00	42.43 -0.60 0.00	43.38 0.04 0.00	46.48 0.41 0.00	50.06 0.93 0.00	57.30 2.20 0.00	58.66 2.85 0.00	63.85 2.75 0.00	66.81 2.20 0.00	80.18 3.31 0.00	93.53 4.11 0.00	93.67 3.69 0.00	88.24 3.80 0.00	77.41 2.25 0.00	67.09 2.58 0.00	56.91 1.44 0.00	51.00 1.00 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	45.59 3.80 0.00	40.18 3.35 0.00	36.82 2.85 0.00	34.03 2.67 0.00	33.51 2.54 0.00	34.94 2.68 0.00	37.70 3.02 0.00	41.39 3.73 0.00	47.03 4.00 0.00	47.45 4.12 0.00	50.34 4.28 0.00	53.30 4.18 0.00	59.62 4.52 0.00	60.16 4.35 0.00	65.80 4.70 0.00	70.94 6.33 0.00	85.18 8.30 0.00	100.59 11.18 0.00	100.15 10.17 0.00	93.56 9.12 0.00	81.62 6.46 0.00	69.28 4.77 0.00	59.79 4.33 0.00	53.90 3.90 0.00
MUNSVILLE_WIND_PWR 323609	45.34 3.55 0.00	39.96 3.13 0.00	36.85 2.89 0.00	33.87 2.51 0.00	33.66 2.69 0.00	35.26 3.00 0.00	37.42 2.74 0.00	40.64 2.97 0.00	46.21 3.18 0.00	46.07 2.73 0.00	49.28 3.22 0.00	52.81 3.69 0.00	59.51 4.41 0.00	60.72 4.91 0.00	66.29 5.19 0.00	70.36 5.75 0.00	84.41 7.54 0.00	99.43 10.01 0.00	101.50 11.52 0.00	95.58 11.14 0.00	84.02 8.86 0.00	72.37 7.87 0.00	61.01 5.55 0.00	54.35 4.35 0.00
N SALMON___HYD 24042	41.87 0.08 0.00	36.79 -0.04 0.00	34.00 0.03 0.00	31.39 0.03 0.00	31.09 0.12 0.00	32.26 0.00 0.00	34.96 0.28 0.00	37.96 0.30 0.00	43.97 0.95 0.00	44.25 0.91 0.00	46.89 0.83 0.00	49.81 0.69 0.00	55.65 0.55 0.00	56.26 0.44 0.00	61.83 0.74 0.00	64.87 0.26 0.00	75.95 -0.92 0.00	83.21 -2.68 3.52	83.88 -2.25 3.85	81.09 -1.52 1.83	74.78 -0.37 0.00	64.06 -0.45 0.00	55.47 0.00 0.00	50.20 0.20 0.00
N.AKRON__115KV_KNAPP 355671	42.54 0.75 0.00	37.60 0.77 0.00	34.51 0.54 0.00	32.05 0.69 0.00	31.53 0.56 0.00	33.03 0.77 0.00	34.58 -0.10 0.00	36.99 -0.68 0.00	42.17 -0.86 0.00	43.42 0.09 0.00	46.57 0.51 0.00	50.16 1.03 0.00	57.85 2.75 0.00	59.61 3.80 0.00	64.58 3.48 0.00	67.07 2.46 0.00	80.72 3.84 0.00	94.24 4.83 0.00	94.48 4.50 0.00	89.17 4.73 0.00	77.86 2.71 0.00	67.73 3.23 0.00	57.35 1.89 0.00	51.50 1.50 0.00
N.E_GEN_SANDY PD 24062	44.71 2.92 0.00	39.66 2.65 -0.18	36.80 2.34 -0.50	36.42 2.16 -2.90	35.90 2.11 -2.82	34.80 2.19 -0.34	37.12 2.36 -0.08	40.45 2.79 0.00	45.78 2.76 0.00	45.76 2.43 0.00	48.32 2.26 0.00	51.42 2.31 0.02	57.64 2.54 0.00	58.60 2.79 0.00	64.27 3.18 0.00	69.13 4.52 0.00	82.64 5.77 0.00	98.00 8.58 0.00	98.08 8.10 0.00	91.70 7.26 0.00	81.65 5.34 -1.16	68.57 4.07 0.00	58.74 3.27 0.00	53.00 3.00 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	45.09 3.30 0.00	39.77 2.95 0.00	36.51 2.55 0.00	33.78 2.41 0.00	33.26 2.29 0.00	34.68 2.42 0.00	37.32 2.64 0.00	40.86 3.20 0.00	46.38 3.36 0.00	46.72 3.38 0.00	49.61 3.55 0.00	52.62 3.49 0.00	58.90 3.80 0.00	59.49 3.68 0.00	65.19 4.09 0.00	70.23 5.62 0.00	84.33 7.46 0.00	99.43 10.01 0.00	99.25 9.27 0.00	92.71 8.27 0.00	81.02 5.86 0.00	68.83 4.32 0.00	59.35 3.88 0.00	53.45 3.45 0.00
N.QUEENS_27_KV_LOAD 356247	45.93 4.14 -0.01	40.25 3.42 0.00	36.99 3.02 0.00	34.12 2.76 0.00	33.60 2.63 0.00	34.91 2.65 0.00	37.87 3.19 0.00	41.54 3.88 0.00	47.29 4.26 0.00	47.67 4.33 0.00	50.67 4.61 0.00	53.65 4.52 0.00	59.56 4.46 0.00	60.28 4.46 0.00	65.50 4.40 0.00	70.94 6.33 0.00	85.33 8.46 0.00	100.86 11.45 0.00	100.24 10.26 0.00	93.73 9.29 0.00	81.62 6.46 0.00	69.15 4.64 0.00	59.79 4.33 0.00	54.05 4.05 0.00
N.TROY___115KV_TB1 355778	43.84 2.05 0.00	38.67 1.84 0.00	35.59 1.63 0.00	32.87 1.51 0.00	32.46 1.49 0.00	33.81 1.55 0.00	36.31 1.63 0.00	39.43 1.77 0.00	44.75 1.72 0.00	44.81 1.47 0.00	47.40 1.34 0.00	50.40 1.28 0.00	56.42 1.32 0.00	57.26 1.45 0.00	62.75 1.65 0.00	67.26 2.65 0.00	80.33 3.46 0.00	94.78 5.36 0.00	95.38 5.40 0.00	89.25 4.81 0.00	85.45 3.76 -6.54	67.41 2.90 0.00	57.63 2.16 0.00	52.00 2.00 0.00
NARROWS_GT1_1 24228	45.97 4.18 -0.01	40.47 3.65 0.00	37.20 3.23 -0.01	34.28 2.92 0.00	33.76 2.79 0.00	35.04 2.77 0.00	37.91 3.23 -0.01	41.62 3.95 -0.01	47.26 4.22 -0.01	47.60 4.25 -0.01	50.40 4.33 -0.01	53.60 4.47 0.00	59.62 4.52 0.00	60.27 4.47 0.01	65.37 4.28 0.01	70.61 6.01 0.01	84.93 8.07 0.01	100.40 10.99 0.01	99.78 9.81 0.01	93.29 8.86 0.01	81.38 6.23 0.01	69.08 4.58 0.01	59.67 4.21 0.01	53.90 3.90 0.00
NARROWS_GT1_2 24229	45.97 4.18 -0.01	40.47 3.65 0.00	37.20 3.23 -0.01	34.28 2.92 0.00	33.76 2.79 0.00	35.04 2.77 0.00	37.91 3.23 -0.01	41.62 3.95 -0.01	47.26 4.22 -0.01	47.60 4.25 -0.01	50.40 4.33 -0.01	53.60 4.47 0.00	59.62 4.52 0.00	60.27 4.47 0.01	65.37 4.28 0.01	70.61 6.01 0.01	84.93 8.07 0.01	100.40 10.99 0.01	99.78 9.81 0.01	93.29 8.86 0.01	81.38 6.23 0.01	69.08 4.58 0.01	59.67 4.21 0.01	53.90 3.90 0.00
NARROWS_GT1_3 24230	45.97 4.18 -0.01	40.47 3.65 0.00	37.20 3.23 -0.01	34.28 2.92 0.00	33.76 2.79 0.00	35.04 2.77 0.00	37.91 3.23 -0.01	41.62 3.95 -0.01	47.26 4.22 -0.01	47.60 4.25 -0.01	50.40 4.33 -0.01	53.60 4.47 0.00	59.62 4.52 0.00	60.27 4.47 0.01	65.37 4.28 0.01	70.61 6.01 0.01	84.93 8.07 0.01	100.40 10.99 0.01	99.78 9.81 0.01	93.29 8.86 0.01	81.38 6.23 0.01	69.08 4.58 0.01	59.67 4.21 0.01	53.90 3.90 0.00
NARROWS_GT1_4 24231	45.97 4.18 -0.01	40.47 3.65 0.00	37.20 3.23 -0.01	34.28 2.92 0.00	33.76 2.79 0.00	35.04 2.77 0.00	37.91 3.23 -0.01	41.62 3.95 -0.01	47.26 4.22 -0.01	47.60 4.25 -0.01	50.40 4.33 -0.01	53.60 4.47 0.00	59.62 4.52 0.00	60.27 4.47 0.01	65.37 4.28 0.01	70.61 6.01 0.01	84.93 8.07 0.01	100.40 10.99 0.01	99.78 9.81 0.01	93.29 8.86 0.01	81.38 6.23 0.01	69.08 4.58 0.01	59.67 4.21 0.01	53.90 3.90 0.00
NARROWS_GT1_5 24232	45.97 4.18 -0.01	40.47 3.65 0.00	37.20 3.23 -0.01	34.28 2.92 0.00	33.76 2.79 0.00	35.04 2.77 0.00	37.91 3.23 -0.01	41.62 3.95 -0.01	47.26 4.22 -0.01	47.60 4.25 -0.01	50.40 4.33 -0.01	53.60 4.47 0.00	59.62 4.52 0.00	60.27 4.47 0.01	65.37 4.28 0.01	70.61 6.01 0.01	84.93 8.07 0.01	100.40 10.99 0.01	99.78 9.81 0.01	93.29 8.86 0.01	81.38 6.23 0.01	69.08 4.58 0.01	59.67 4.21 0.01	53.90 3.90 0.00

NARROWS_GT1_6 24233	45.97 4.18 -0.01	40.47 3.65 0.00	37.20 3.23 -0.01	34.28 2.92 0.00	33.76 2.79 0.00	35.04 2.77 0.00	37.91 3.23 -0.01	41.62 3.95 -0.01	47.26 4.22 -0.01	47.60 4.25 -0.01	50.40 4.33 -0.01	53.60 4.47 0.00	59.62 4.52 0.00	60.27 4.47 0.01	65.37 4.28 0.01	70.61 6.01 0.01	84.93 8.07 0.01	100.40 10.99 0.01	99.78 9.81 0.01	93.29 8.86 0.01	81.38 6.23 0.01	69.08 4.58 0.01	59.67 4.21 0.01	53.90 3.90 0.00
NARROWS_GT1_7 24234	45.97 4.18 -0.01	40.47 3.65 0.00	37.20 3.23 -0.01	34.28 2.92 0.00	33.76 2.79 0.00	35.04 2.77 0.00	37.91 3.23 -0.01	41.62 3.95 -0.01	47.26 4.22 -0.01	47.60 4.25 -0.01	50.40 4.33 -0.01	53.60 4.47 0.00	59.62 4.52 0.00	60.27 4.47 0.01	65.37 4.28 0.01	70.61 6.01 0.01	84.93 8.07 0.01	100.40 10.99 0.01	99.78 9.81 0.01	93.29 8.86 0.01	81.38 6.23 0.01	69.08 4.58 0.01	59.67 4.21 0.01	53.90 3.90 0.00
NARROWS_GT1_8 24235	45.97 4.18 -0.01	40.47 3.65 0.00	37.20 3.23 -0.01	34.28 2.92 0.00	33.76 2.79 0.00	35.04 2.77 0.00	37.91 3.23 -0.01	41.62 3.95 -0.01	47.26 4.22 -0.01	47.60 4.25 -0.01	50.40 4.33 -0.01	53.60 4.47 0.00	59.62 4.52 0.00	60.27 4.47 0.01	65.37 4.28 0.01	70.61 6.01 0.01	84.93 8.07 0.01	100.40 10.99 0.01	99.78 9.81 0.01	93.29 8.86 0.01	81.38 6.23 0.01	69.08 4.58 0.01	59.67 4.21 0.01	53.90 3.90 0.00
NARROWS_GT2_1 24236	45.97 4.18 -0.01	40.47 3.65 0.00	37.20 3.23 -0.01	34.28 2.92 0.00	33.76 2.79 0.00	35.04 2.77 0.00	37.91 3.23 -0.01	41.62 3.95 -0.01	47.26 4.22 -0.01	47.60 4.25 -0.01	50.40 4.33 -0.01	53.60 4.47 0.00	59.62 4.52 0.00	60.28 4.47 0.00	65.37 4.28 0.01	70.61 6.01 0.01	84.95 8.07 0.00	100.41 10.99 0.00	99.78 9.81 0.01	93.29 8.86 0.01	81.38 6.23 0.01	69.08 4.58 0.01	59.68 4.21 0.00	53.90 3.90 0.00
NARROWS_GT2_2 24237	45.97 4.18 -0.01	40.47 3.65 0.00	37.20 3.23 -0.01	34.28 2.92 0.00	33.76 2.79 0.00	35.04 2.77 0.00	37.91 3.23 -0.01	41.62 3.95 -0.01	47.26 4.22 -0.01	47.60 4.25 -0.01	50.40 4.33 -0.01	53.60 4.47 0.00	59.62 4.52 0.00	60.28 4.47 0.00	65.37 4.28 0.01	70.61 6.01 0.01	84.95 8.07 0.00	100.41 10.99 0.00	99.78 9.81 0.01	93.29 8.86 0.01	81.38 6.23 0.01	69.08 4.58 0.01	59.68 4.21 0.00	53.90 3.90 0.00
NARROWS_GT2_3 24238	45.97 4.18 -0.01	40.47 3.65 0.00	37.20 3.23 -0.01	34.28 2.92 0.00	33.76 2.79 0.00	35.04 2.77 0.00	37.91 3.23 -0.01	41.62 3.95 -0.01	47.26 4.22 -0.01	47.60 4.25 -0.01	50.40 4.33 -0.01	53.60 4.47 0.00	59.62 4.52 0.00	60.28 4.47 0.00	65.37 4.28 0.01	70.61 6.01 0.01	84.95 8.07 0.00	100.41 10.99 0.00	99.78 9.81 0.01	93.29 8.86 0.01	81.38 6.23 0.01	69.08 4.58 0.01	59.68 4.21 0.00	53.90 3.90 0.00
NARROWS_GT2_4 24239	45.97 4.18 -0.01	40.47 3.65 0.00	37.20 3.23 -0.01	34.28 2.92 0.00	33.76 2.79 0.00	35.04 2.77 0.00	37.91 3.23 -0.01	41.62 3.95 -0.01	47.26 4.22 -0.01	47.60 4.25 -0.01	50.40 4.33 -0.01	53.60 4.47 0.00	59.62 4.52 0.00	60.28 4.47 0.00	65.37 4.28 0.01	70.61 6.01 0.01	84.95 8.07 0.00	100.41 10.99 0.00	99.78 9.81 0.01	93.29 8.86 0.01	81.38 6.23 0.01	69.08 4.58 0.01	59.68 4.21 0.00	53.90 3.90 0.00
NARROWS_GT2_5 24240	45.97 4.18 -0.01	40.47 3.65 0.00	37.20 3.23 -0.01	34.28 2.92 0.00	33.76 2.79 0.00	35.04 2.77 0.00	37.91 3.23 -0.01	41.62 3.95 -0.01	47.26 4.22 -0.01	47.60 4.25 -0.01	50.40 4.33 -0.01	53.60 4.47 0.00	59.62 4.52 0.00	60.28 4.47 0.00	65.37 4.28 0.01	70.61 6.01 0.01	84.95 8.07 0.00	100.41 10.99 0.00	99.78 9.81 0.01	93.29 8.86 0.01	81.38 6.23 0.01	69.08 4.58 0.01	59.68 4.21 0.00	53.90 3.90 0.00
NARROWS_GT2_6 24241	45.97 4.18 -0.01	40.47 3.65 0.00	37.20 3.23 -0.01	34.28 2.92 0.00	33.76 2.79 0.00	35.04 2.77 0.00	37.91 3.23 -0.01	41.62 3.95 -0.01	47.26 4.22 -0.01	47.60 4.25 -0.01	50.40 4.33 -0.01	53.60 4.47 0.00	59.62 4.52 0.00	60.28 4.47 0.00	65.37 4.28 0.01	70.61 6.01 0.01	84.95 8.07 0.00	100.41 10.99 0.00	99.78 9.81 0.01	93.29 8.86 0.01	81.38 6.23 0.01	69.08 4.58 0.01	59.68 4.21 0.00	53.90 3.90 0.00
NARROWS_GT2_7 24242	45.97 4.18 -0.01	40.47 3.65 0.00	37.20 3.23 -0.01	34.28 2.92 0.00	33.76 2.79 0.00	35.04 2.77 0.00	37.91 3.23 -0.01	41.62 3.95 -0.01	47.26 4.22 -0.01	47.60 4.25 -0.01	50.40 4.33 -0.01	53.60 4.47 0.00	59.62 4.52 0.00	60.28 4.47 0.00	65.37 4.28 0.01	70.61 6.01 0.01	84.95 8.07 0.00	100.41 10.99 0.00	99.78 9.81 0.01	93.29 8.86 0.01	81.38 6.23 0.01	69.08 4.58 0.01	59.68 4.21 0.00	53.90 3.90 0.00
NARROWS_GT2_8 24243	45.97 4.18 -0.01	40.47 3.65 0.00	37.20 3.23 -0.01	34.28 2.92 0.00	33.76 2.79 0.00	35.04 2.77 0.00	37.91 3.23 -0.01	41.62 3.95 -0.01	47.26 4.22 -0.01	47.60 4.25 -0.01	50.40 4.33 -0.01	53.60 4.47 0.00	59.62 4.52 0.00	60.28 4.47 0.00	65.37 4.28 0.01	70.61 6.01 0.01	84.95 8.07 0.00	100.41 10.99 0.00	99.78 9.81 0.01	93.29 8.86 0.01	81.38 6.23 0.01	69.08 4.58 0.01	59.68 4.21 0.00	53.90 3.90 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	43.59 1.80 0.00	38.48 1.66 0.00	35.46 1.49 0.00	32.74 1.38 0.00	32.30 1.33 0.00	33.62 1.35 0.00	36.03 1.35 0.00	38.87 1.21 0.00	44.10 1.08 0.00	44.07 0.74 0.00	46.61 0.55 0.00	49.57 0.44 0.00	55.43 0.33 0.00	55.79 0.00 0.02	55.93 0.43 5.60	59.01 1.42 7.03	77.85 2.23 1.25	87.37 3.93 5.98	88.12 4.23 6.09	84.35 3.97 4.05	77.01 3.16 1.30	66.18 1.68 0.00	56.58 1.11 0.00	51.00 1.00 0.00
NCHELSEA_115KV_TR2 355582	45.13 3.34 0.00	39.81 2.98 0.00	36.54 2.58 0.00	33.74 2.38 0.00	33.26 2.29 0.00	34.68 2.42 0.00	37.28 2.60 0.00	40.75 3.09 0.00	46.34 3.31 0.00	46.59 3.25 0.00	49.47 3.41 0.00	52.57 3.44 0.00	58.96 3.86 0.00	59.66 3.85 0.00	65.37 4.28 0.00	70.42 5.81 0.00	84.56 7.69 0.00	99.88 10.46 0.00	99.79 9.81 0.00	93.22 8.78 0.00	81.69 6.54 0.00	69.34 4.84 0.00	59.57 4.10 0.00	53.70 3.70 0.00
NEG CAPITAL___MECHNVIL 23645	44.34 2.55 0.00	39.00 2.17 0.00	35.90 1.93 0.00	33.12 1.76 0.00	32.70 1.73 0.00	34.10 1.84 0.00	36.62 1.94 0.00	39.73 2.07 0.00	45.05 2.02 0.00	45.12 1.78 0.00	47.67 1.61 0.00	50.84 1.72 0.00	56.75 1.65 0.00	57.71 1.90 0.00	63.18 2.08 0.00	67.84 3.23 0.00	81.18 4.30 0.00	95.86 6.44 0.00	96.91 6.93 0.00	90.69 6.25 0.00	84.24 5.04 -4.05	68.51 4.00 0.00	58.46 2.99 0.00	52.75 2.75 0.00
NEG CENTRAL_HIGH_ACRES 23767	41.33 -0.46 0.00	36.46 -0.37 0.00	33.73 -0.24 0.00	31.02 -0.34 0.00	30.57 -0.40 0.00	31.94 -0.32 0.00	33.99 -0.69 0.00	36.76 -0.90 0.00	42.04 -0.99 0.00	43.04 -0.30 0.00	46.29 0.23 0.00	49.37 0.25 0.00	56.31 1.21 0.00	57.54 1.73 0.00	62.75 1.65 0.00	66.10 1.49 0.00	78.95 2.08 0.00	91.92 2.50 0.00	92.41 2.43 0.00	86.89 2.45 0.00	76.58 1.42 0.00	66.12 1.61 0.00	56.02 0.55 0.00	50.15 0.15 0.00

NEG CENTRAL___DRP 24199	42.37 0.59 0.00	37.27 0.44 0.00	34.37 0.41 0.00	31.71 0.34 0.00	31.34 0.37 0.00	32.74 0.48 0.00	34.92 0.24 0.00	37.85 0.19 0.00	43.20 0.17 0.00	43.73 0.39 0.00	46.71 0.64 0.00	50.01 0.88 0.00	56.64 1.54 0.00	57.71 1.90 0.00	62.99 1.89 0.00	66.42 1.81 0.00	79.64 2.77 0.00	92.72 3.31 0.00	93.58 3.60 0.00	88.15 3.72 0.00	77.79 2.63 0.00	67.09 2.58 0.00	56.97 1.50 0.00	51.00 1.00 0.00
NEG CENTRAL___INDECK 23768	43.62 1.84 0.00	38.49 1.66 0.00	35.63 1.66 0.00	32.71 1.35 0.00	32.24 1.27 0.00	33.75 1.48 0.00	35.69 1.01 0.00	38.19 0.53 0.00	43.24 0.22 0.00	44.20 0.87 0.00	47.30 1.24 0.00	48.73 -0.39 0.00	55.81 0.71 0.00	57.15 1.34 0.00	62.56 1.46 0.00	65.83 1.22 0.00	79.02 2.15 0.00	92.46 3.04 0.00	94.12 4.14 0.00	89.33 4.90 0.00	78.84 3.68 0.00	68.25 3.74 0.00	57.46 1.99 0.00	51.25 1.25 0.00
NEG CENTRAL___SENECA 23627	42.67 0.88 0.00	37.53 0.70 0.00	34.61 0.65 0.00	31.96 0.60 0.00	31.56 0.59 0.00	33.00 0.74 0.00	35.13 0.45 0.00	38.00 0.34 0.00	43.29 0.26 0.00	43.94 0.61 0.00	46.98 0.92 0.00	50.21 1.08 0.00	57.08 1.98 0.00	58.32 2.51 0.00	63.60 2.51 0.00	66.94 2.33 0.00	80.33 3.46 0.00	93.35 3.93 0.00	94.21 4.23 0.00	88.91 4.48 0.00	78.54 3.38 0.00	67.80 3.29 0.00	57.41 1.94 0.00	51.30 1.30 0.00
NEG CENTRAL___STATE_STREET 24147	42.21 0.42 0.00	37.16 0.33 0.00	34.30 0.34 0.00	31.61 0.25 0.00	31.25 0.28 0.00	32.62 0.35 0.00	34.89 0.21 0.00	37.89 0.23 0.00	43.24 0.22 0.00	43.68 0.35 0.00	46.61 0.55 0.00	49.96 0.84 0.00	56.37 1.27 0.00	57.32 1.51 0.00	62.63 1.53 0.00	66.23 1.62 0.00	79.33 2.46 0.00	92.63 3.22 0.00	93.49 3.51 0.00	87.90 3.46 0.00	77.56 2.40 0.00	66.83 2.32 0.00	56.80 1.33 0.00	50.85 0.85 0.00
NEG MILLWOOD___DRP 24198	45.30 3.51 0.00	39.96 3.13 0.00	36.68 2.72 0.00	33.90 2.54 0.00	33.42 2.45 0.00	34.81 2.55 0.00	37.45 2.77 0.00	41.05 3.39 0.00	46.64 3.61 0.00	46.89 3.55 0.00	49.79 3.73 0.00	52.91 3.78 0.00	59.40 4.30 0.00	60.11 4.30 0.00	65.99 4.89 0.00	71.01 6.40 0.00	85.56 8.69 0.00	101.04 11.62 0.00	101.05 11.07 0.00	94.06 9.63 0.00	82.37 7.21 0.00	69.80 5.29 0.00	59.91 4.44 0.00	54.00 4.00 0.00
NEG NORTH_FLCN_SEA 23793	41.91 0.13 0.00	36.86 0.04 0.00	34.03 0.07 0.00	31.42 0.06 0.00	31.09 0.12 0.00	32.29 0.03 0.00	34.96 0.28 0.00	38.00 0.34 0.00	43.76 0.73 0.00	44.07 0.74 0.00	46.34 0.28 0.00	48.93 -0.20 0.00	54.11 -0.99 0.00	54.36 -1.45 0.00	59.69 -1.41 0.00	62.67 -1.94 0.00	74.03 -2.84 0.00	83.71 -4.56 1.14	84.41 -4.32 1.25	80.21 -3.63 0.59	72.83 -2.33 0.00	62.18 -2.32 0.00	54.03 -1.44 0.00	49.40 -0.60 0.00
NEG NORTH_KES_CHATEGAY 23792	41.41 -0.38 0.00	36.38 -0.44 0.00	33.62 -0.34 0.00	31.05 -0.31 0.00	30.69 -0.28 0.00	31.87 -0.39 0.00	34.54 -0.14 0.00	37.51 -0.15 0.00	43.16 0.13 0.00	43.42 0.09 0.00	45.97 -0.09 0.00	48.83 -0.29 0.00	54.55 -0.55 0.00	55.09 -0.73 0.00	60.49 -0.61 0.00	63.51 -1.10 0.00	74.87 -2.00 0.00	84.15 -3.49 1.78	84.88 -3.15 1.95	80.98 -2.53 0.92	73.73 -1.43 0.00	63.09 -1.42 0.00	54.58 -0.89 0.00	49.45 -0.55 0.00
NEG NORTH___ALICE_FALLS 23915	42.04 0.25 0.00	36.94 0.11 0.00	34.13 0.17 0.00	31.52 0.16 0.00	31.19 0.22 0.00	32.36 0.10 0.00	35.06 0.38 0.00	38.08 0.41 0.00	43.89 0.86 0.00	44.16 0.82 0.00	46.57 0.51 0.00	49.32 0.20 0.00	54.77 -0.33 0.00	55.14 -0.67 0.00	60.61 -0.49 0.00	63.64 -0.97 0.00	75.18 -1.69 0.00	84.86 -3.31 1.25	85.74 -2.88 1.36	81.60 -2.20 0.65	74.03 -1.13 0.00	63.28 -1.23 0.00	54.80 -0.67 0.00	49.90 -0.10 0.00
NEG NORTH___LWR_SARANAC 23913	42.04 0.25 0.00	36.94 0.11 0.00	34.13 0.17 0.00	31.52 0.16 0.00	31.19 0.22 0.00	32.36 0.10 0.00	35.06 0.38 0.00	38.08 0.41 0.00	43.89 0.86 0.00	44.16 0.82 0.00	46.57 0.51 0.00	49.32 0.20 0.00	54.77 -0.33 0.00	55.14 -0.67 0.00	60.61 -0.49 0.00	63.64 -0.97 0.00	75.18 -1.69 0.00	84.86 -3.31 1.25	85.74 -2.88 1.36	81.60 -2.20 0.65	74.03 -1.13 0.00	63.28 -1.23 0.00	54.80 -0.67 0.00	49.90 -0.10 0.00
NEG NORTH___PLATTSBURG 23628	42.04 0.25 0.00	36.94 0.11 0.00	34.13 0.17 0.00	31.52 0.16 0.00	31.19 0.22 0.00	32.36 0.10 0.00	35.06 0.38 0.00	38.08 0.42 0.00	43.89 0.86 0.00	44.16 0.82 0.00	46.57 0.51 0.00	49.32 0.20 0.00	54.77 -0.33 0.00	55.14 -0.67 0.00	60.61 -0.49 0.00	63.57 -1.04 0.00	75.18 -1.69 0.00	84.86 -3.31 1.25	85.73 -2.88 1.36	81.60 -2.20 0.65	74.03 -1.13 0.00	63.28 -1.23 0.00	54.81 -0.66 0.00	49.85 -0.15 0.00
NEG WEST_LEA_LOCKPORT 23791	41.75 -0.04 0.00	36.90 0.07 0.00	33.83 -0.14 0.00	31.45 0.09 0.00	30.94 -0.03 0.00	32.42 0.16 0.00	33.85 -0.83 0.00	36.01 -1.66 0.00	41.09 -1.94 0.00	42.30 -1.04 0.00	45.37 -0.69 0.00	48.69 -0.44 0.00	56.09 0.99 0.00	57.82 2.01 0.00	62.63 1.53 0.00	64.87 0.26 0.00	77.95 1.08 0.00	90.85 1.43 0.00	90.97 0.99 0.00	85.87 1.44 0.00	75.01 -0.15 0.00	65.34 0.84 0.00	55.47 0.00 0.00	50.05 0.05 0.00
NEG WEST___LANCASTR 23811	41.20 -0.59 0.00	36.38 -0.44 0.00	33.45 -0.51 0.00	31.08 -0.28 0.00	30.57 -0.40 0.00	32.03 -0.23 0.00	33.54 -1.14 0.00	35.89 -1.77 0.00	40.96 -2.07 0.00	42.04 -1.30 0.00	45.14 -0.92 0.00	48.64 -0.49 0.00	55.71 0.61 0.00	57.43 1.62 0.00	62.32 1.22 0.00	64.87 0.26 0.00	77.95 1.08 0.00	90.85 1.43 0.00	91.24 1.26 0.00	85.79 1.35 0.00	74.85 -0.30 0.00	64.96 0.45 0.00	55.30 -0.17 0.00	49.85 -0.15 0.00
NEG_PENN_ALLEGHNY 23528	42.58 0.79 0.00	37.52 0.70 0.00	34.64 0.68 0.00	31.96 0.59 0.00	31.56 0.59 0.00	32.94 0.68 0.00	35.13 0.45 0.00	38.08 0.42 0.00	43.46 0.43 0.00	43.94 0.61 0.00	46.93 0.87 0.00	50.11 0.98 0.00	56.59 1.49 0.00	57.60 1.79 0.00	62.93 1.83 0.00	66.62 2.01 0.00	79.72 2.85 0.00	93.08 3.67 0.00	93.85 3.87 0.00	88.07 3.63 0.00	77.63 2.48 0.00	66.89 2.39 0.00	57.02 1.55 0.00	51.20 1.20 0.00
NEG___GEN_MONROE 24207	42.21 0.42 0.00	37.16 0.33 0.00	34.23 0.27 0.00	31.64 0.28 0.00	31.19 0.22 0.00	32.62 0.35 0.00	34.54 -0.14 0.00	37.17 -0.49 0.00	42.38 -0.65 0.00	43.38 0.04 0.00	46.48 0.41 0.00	50.01 0.88 0.00	57.30 2.20 0.00	58.71 2.90 0.00	63.85 2.75 0.00	66.68 2.07 0.00	80.18 3.31 0.00	93.53 4.11 0.00	93.76 3.78 0.00	88.49 4.05 0.00	77.49 2.33 0.00	67.28 2.77 0.00	57.08 1.61 0.00	51.20 1.20 0.00
NEPA___ENERGY 23901	42.25 0.46 0.00	37.31 0.48 0.00	34.30 0.34 0.00	31.86 0.50 0.00	31.34 0.37 0.00	32.81 0.55 0.00	34.33 -0.35 0.00	36.80 -0.87 0.00	41.95 -1.08 0.00	43.08 -0.26 0.00	46.24 0.18 0.00	49.81 0.69 0.00	57.08 1.98 0.00	58.77 2.96 0.00	63.79 2.69 0.00	66.42 1.81 0.00	79.79 2.92 0.00	93.17 3.76 0.00	93.49 3.51 0.00	87.98 3.55 0.00	76.73 1.58 0.00	66.63 2.13 0.00	56.80 1.33 0.00	51.00 1.00 0.00

NEVERSINK___HYD 23608	44.67 2.88 0.00	39.37 2.54 0.00	36.20 2.24 0.00	33.40 2.04 0.00	32.92 1.95 0.00	34.33 2.07 0.00	36.87 2.19 0.00	40.26 2.60 0.00	45.78 2.76 0.00	45.98 2.64 0.00	48.78 2.72 0.00	52.08 2.95 0.00	58.35 3.25 0.00	59.10 3.29 0.00	64.33 3.67 0.44	69.10 5.04 0.55	83.61 6.84 0.10	98.52 9.57 0.47	98.59 9.08 0.48	92.40 8.28 0.32	81.17 6.01 0.00	69.02 4.51 0.00	59.29 3.82 0.00	53.30 3.30 0.00
NEWKRMKL_115KV_TB1 55635	42.75 0.96 0.00	37.78 0.96 0.00	34.85 0.88 0.00	32.24 0.88 0.00	31.78 0.81 0.00	33.07 0.81 0.00	35.51 0.83 0.00	38.49 0.83 0.00	43.80 0.77 0.00	43.99 0.65 0.00	46.57 0.51 0.00	49.52 0.39 0.00	55.26 0.17 0.00	55.75 -0.06 0.00	61.04 -0.06 0.00	65.32 0.71 0.00	78.03 1.15 0.00	91.65 2.24 0.00	92.14 2.16 0.00	86.13 1.69 0.00	74.21 0.90 1.85	65.02 0.52 0.00	55.75 0.28 0.00	50.35 0.35 0.00
NEWTON___FALLS_HYD 23847	42.16 0.38 0.00	37.08 0.26 0.00	34.23 0.27 0.00	31.55 0.19 0.00	31.28 0.31 0.00	32.58 0.32 0.00	35.06 0.38 0.00	37.93 0.26 0.00	43.42 0.39 0.00	43.42 0.09 0.00	46.20 0.14 0.00	49.37 0.25 0.00	55.32 0.22 0.00	56.09 0.28 0.00	61.10 0.00 0.00	64.03 -0.58 0.00	76.18 -0.69 0.00	94.58 -0.98 -6.14	96.69 0.00 -6.71	88.30 0.68 -3.18	75.83 0.68 0.00	65.34 0.84 0.00	56.36 0.89 0.00	50.70 0.70 0.00
NGRID_A1_DSASP 323792	40.87 -0.92 0.00	36.05 -0.78 0.00	33.45 -0.51 0.00	31.05 -0.31 0.00	30.26 -0.71 0.00	31.68 -0.58 0.00	33.22 -1.46 0.00	35.29 -2.37 0.00	40.45 -2.58 0.00	41.86 -1.47 0.00	45.14 -0.92 0.00	48.00 -1.13 0.00	55.32 0.22 0.00	56.93 1.12 0.00	61.71 0.61 0.00	64.29 -0.32 0.00	76.72 -0.15 0.00	88.88 -0.53 0.00	89.44 -0.54 0.00	84.35 -0.08 0.00	74.26 -0.90 0.00	64.38 -0.13 0.00	54.69 -0.78 0.00	49.35 -0.65 0.00
NGRID_A2_DSASP 323793	40.87 -0.92 0.00	36.05 -0.78 0.00	33.45 -0.51 0.00	31.05 -0.31 0.00	30.26 -0.71 0.00	31.68 -0.58 0.00	33.22 -1.46 0.00	35.29 -2.37 0.00	40.45 -2.58 0.00	41.86 -1.47 0.00	45.14 -0.92 0.00	48.00 -1.13 0.00	55.32 0.22 0.00	56.93 1.12 0.00	61.71 0.61 0.00	64.29 -0.32 0.00	76.72 -0.15 0.00	88.88 -0.53 0.00	89.44 -0.54 0.00	84.35 -0.08 0.00	74.26 -0.90 0.00	64.38 -0.13 0.00	54.69 -0.78 0.00	49.35 -0.65 0.00
NGRID_A4_DSASP 323807	40.87 -0.92 0.00	36.05 -0.78 0.00	33.45 -0.51 0.00	31.05 -0.31 0.00	30.26 -0.71 0.00	31.68 -0.58 0.00	33.22 -1.46 0.00	35.29 -2.37 0.00	40.45 -2.58 0.00	41.86 -1.47 0.00	45.14 -0.92 0.00	48.00 -1.13 0.00	55.32 0.22 0.00	56.93 1.12 0.00	61.71 0.61 0.00	64.29 -0.32 0.00	76.72 -0.15 0.00	88.88 -0.53 0.00	89.44 -0.54 0.00	84.35 -0.08 0.00	74.26 -0.90 0.00	64.38 -0.13 0.00	54.69 -0.78 0.00	49.35 -0.65 0.00
NIAGARA_115E_LBMP 323715	41.20 -0.59 0.00	36.49 -0.33 0.00	33.83 -0.14 0.00	30.83 -0.53 0.00	30.60 -0.37 0.00	32.07 -0.19 0.00	33.40 -1.28 0.00	35.40 -2.26 0.00	40.53 -2.50 0.00	41.95 -1.39 0.00	45.28 -0.78 0.00	48.05 -1.08 0.00	55.43 0.33 0.00	56.98 1.17 0.00	61.83 0.74 0.00	64.55 -0.06 0.00	76.95 0.08 0.00	89.24 -0.18 0.00	89.80 -0.18 0.00	84.69 0.25 0.00	74.55 -0.60 0.00	64.64 0.13 0.00	54.81 -0.66 0.00	49.55 -0.45 0.00
NIAGARA_115W_LBMP 323714	40.75 -1.04 0.00	35.98 -0.85 0.00	33.35 -0.61 0.00	30.99 -0.37 0.00	30.16 -0.81 0.00	31.58 -0.68 0.00	33.12 -1.56 0.00	35.22 -2.45 0.00	40.32 -2.71 0.00	41.73 -1.60 0.00	45.00 -1.06 0.00	47.85 -1.28 0.00	55.15 0.06 0.00	56.70 0.89 0.00	61.53 0.43 0.00	64.09 -0.52 0.00	76.49 -0.38 0.00	88.70 -0.72 0.00	89.17 -0.81 0.00	84.10 -0.34 0.00	74.03 -1.13 0.00	64.18 -0.32 0.00	54.52 -0.94 0.00	49.20 -0.80 0.00
NIAGARA_230_LBMP 323716	41.29 -0.50 0.00	36.46 -0.37 0.00	33.79 -0.17 0.00	31.11 -0.25 0.00	30.57 -0.40 0.00	32.00 -0.26 0.00	33.57 -1.11 0.00	35.70 -1.96 0.00	40.88 -2.15 0.00	42.26 -1.08 0.00	45.55 -0.51 0.00	48.44 -0.69 0.00	55.81 0.71 0.00	57.32 1.51 0.00	62.26 1.16 0.00	65.00 0.39 0.00	77.56 0.69 0.00	89.95 0.54 0.00	90.43 0.45 0.00	85.28 0.84 0.00	75.08 -0.08 0.00	65.09 0.58 0.00	55.25 -0.22 0.00	49.85 -0.15 0.00
NIAGARA___115KV_198_GIBSON 55903	40.74 -1.04 0.00	35.94 -0.88 0.00	33.45 -0.51 0.00	30.67 -0.69 0.00	30.17 -0.81 0.00	31.58 -0.68 0.00	33.08 -1.60 0.00	35.21 -2.45 0.00	40.19 -2.84 0.00	41.34 -1.99 0.00	44.31 -1.75 0.00	47.85 -1.28 0.00	55.15 0.06 0.00	56.82 1.00 0.00	61.53 0.43 0.00	63.64 -0.97 0.00	76.41 -0.46 0.00	89.06 -0.36 0.00	89.17 -0.81 0.00	84.10 -0.34 0.00	73.58 -1.58 0.00	64.05 -0.45 0.00	54.53 -0.94 0.00	49.20 -0.80 0.00
NIAGARA____ 23760	41.29 -0.50 0.00	36.46 -0.37 0.00	33.79 -0.17 0.00	31.11 -0.25 0.00	30.57 -0.40 0.00	32.00 -0.26 0.00	33.57 -1.11 0.00	35.70 -1.96 0.00	40.88 -2.15 0.00	42.26 -1.08 0.00	45.55 -0.51 0.00	48.44 -0.69 0.00	55.81 0.71 0.00	57.32 1.51 0.00	62.26 1.16 0.00	65.00 0.39 0.00	77.56 0.69 0.00	89.95 0.54 0.00	90.43 0.45 0.00	85.28 0.84 0.00	75.08 -0.08 0.00	65.09 0.58 0.00	55.25 -0.22 0.00	49.85 -0.15 0.00
NINE_MILE_1 23575	40.78 -1.00 0.00	35.94 -0.88 0.00	33.15 -0.82 0.00	30.58 -0.78 0.00	30.20 -0.77 0.00	31.49 -0.77 0.00	33.75 -0.93 0.00	36.61 -1.05 0.00	41.82 -1.20 0.00	42.26 -1.08 0.00	45.00 -1.06 0.00	48.09 -1.03 0.00	54.11 -0.99 0.00	54.92 -0.90 0.00	60.00 -1.10 0.00	63.45 -1.16 0.00	75.72 -1.15 0.00	88.25 -1.16 0.00	88.90 -1.08 0.00	83.43 -1.01 0.00	73.95 -1.21 0.00	63.54 -0.97 0.00	54.36 -1.11 0.00	48.90 -1.10 0.00
NINE_MILE_2 23744	40.78 -1.00 0.00	35.94 -0.88 0.00	33.15 -0.82 0.00	30.58 -0.78 0.00	30.20 -0.77 0.00	31.49 -0.77 0.00	33.75 -0.93 0.00	36.65 -1.02 0.00	41.82 -1.20 0.00	42.26 -1.08 0.00	45.00 -1.06 0.00	48.09 -1.03 0.00	54.11 -0.99 0.00	54.92 -0.90 0.00	60.00 -1.10 0.00	63.45 -1.16 0.00	75.72 -1.15 0.00	88.25 -1.16 0.00	88.90 -1.08 0.00	83.43 -1.01 0.00	73.95 -1.21 0.00	63.54 -0.97 0.00	54.36 -1.11 0.00	48.90 -1.10 0.00
NM_CAPITAL___DRP 24208	42.83 1.04 0.00	37.82 0.99 0.00	34.91 0.95 0.00	32.27 0.91 0.00	31.84 0.87 0.00	33.13 0.87 0.00	35.55 0.87 0.00	38.53 0.87 0.00	43.85 0.82 0.00	44.03 0.69 0.00	46.66 0.60 0.00	49.57 0.44 0.00	55.37 0.28 0.00	55.87 0.06 0.00	61.16 0.06 0.00	65.45 0.84 0.00	78.18 1.31 0.00	91.83 2.41 0.00	92.23 2.25 0.00	86.30 1.86 0.00	73.82 1.05 2.38	65.15 0.65 0.00	55.86 0.39 0.00	50.45 0.45 0.00
NM_CENTRAL___DRP 24181	41.66 -0.13 0.00	36.68 -0.15 0.00	33.86 -0.10 0.00	31.24 -0.13 0.00	30.85 -0.12 0.00	32.20 -0.06 0.00	34.47 -0.21 0.00	37.44 -0.23 0.00	42.77 -0.26 0.00	43.16 -0.17 0.00	46.06 0.00 0.00	49.32 0.20 0.00	55.54 0.44 0.00	56.42 0.61 0.00	61.71 0.61 0.00	65.19 0.58 0.00	77.95 1.08 0.00	91.02 1.61 0.00	91.69 1.71 0.00	86.04 1.60 0.00	76.06 0.90 0.00	65.41 0.90 0.00	55.80 0.33 0.00	50.10 0.10 0.00

NM_FRONTIER___DRP 24179	40.74 -1.04 0.00	35.94 -0.88 0.00	33.45 -0.51 0.00	30.67 -0.69 0.00	30.17 -0.81 0.00	31.58 -0.68 0.00	33.08 -1.60 0.00	35.21 -2.45 0.00	40.19 -2.84 0.00	41.34 -1.99 0.00	44.31 -1.75 0.00	47.85 -1.28 0.00	55.15 0.06 0.00	56.82 1.00 0.00	61.53 0.43 0.00	63.64 -0.97 0.00	76.41 -0.46 0.00	89.06 -0.36 0.00	89.17 -0.81 0.00	84.10 -0.34 0.00	73.58 -1.58 0.00	64.05 -0.45 0.00	54.53 -0.94 0.00	49.20 -0.80 0.00
NM_ST_REGIS___HYD 24053	41.79 0.00 0.00	36.75 -0.07 0.00	33.96 0.00 0.00	31.33 -0.03 0.00	31.03 0.06 0.00	32.20 -0.06 0.00	34.85 0.17 0.00	37.78 0.11 0.00	44.10 1.08 0.00	44.38 1.04 0.00	47.03 0.97 0.00	49.96 0.84 0.00	55.87 0.77 0.00	56.42 0.61 0.00	62.01 0.92 0.00	65.13 0.52 0.00	74.57 -2.31 0.00	77.33 -4.47 7.62	77.61 -4.05 8.32	77.28 -3.21 3.95	73.73 -1.43 0.00	63.60 -0.90 0.00	55.47 0.00 0.00	50.35 0.35 0.00
NORTHPORT___1 23551	47.01 4.47 -0.75	40.74 3.90 -0.01	37.40 3.43 -0.01	34.40 3.04 0.00	33.73 2.76 0.00	35.16 2.90 0.00	38.04 3.36 0.00	41.89 4.22 -0.01	47.29 4.26 0.00	47.55 4.20 -0.01	50.26 4.19 -0.01	52.81 3.69 0.00	52.73 3.36 5.73	52.73 3.07 6.15	52.73 3.73 12.10	52.75 5.69 17.55	52.98 7.54 31.43	52.98 10.64 47.07	52.98 9.72 46.72	52.98 8.44 39.90	52.98 4.96 27.13	52.98 3.80 15.33	52.98 3.77 6.26	52.73 3.05 0.32
NORTHPORT___2 23552	47.01 4.47 -0.75	40.74 3.90 -0.01	37.40 3.43 -0.01	34.40 3.04 0.00	33.73 2.76 0.00	35.16 2.90 0.00	38.04 3.36 0.00	41.89 4.22 -0.01	47.29 4.26 0.00	47.55 4.20 -0.01	50.26 4.19 -0.01	52.81 3.69 0.00	52.73 3.36 5.73	52.73 3.07 6.15	52.73 3.73 12.10	52.75 5.69 17.55	52.98 7.54 31.43	52.98 10.64 47.07	52.98 9.72 46.72	52.98 8.44 39.90	52.98 4.96 27.13	52.98 3.80 15.33	52.98 3.77 6.26	52.73 3.05 0.32
NORTHPORT___3 23553	46.76 4.22 -0.75	40.55 3.72 -0.01	37.23 3.26 -0.01	34.24 2.88 0.00	33.57 2.60 0.00	35.00 2.74 0.00	37.87 3.19 0.00	41.70 4.03 -0.01	46.94 3.92 0.00	47.33 3.98 -0.01	49.85 3.78 -0.01	52.46 3.34 0.01	52.50 3.14 5.74	52.56 2.90 6.16	52.60 3.60 12.10	52.47 5.49 17.63	52.71 7.38 31.55	52.51 10.19 47.09	52.52 9.27 46.73	52.71 8.19 39.91	52.90 4.88 27.14	52.78 3.61 15.34	52.85 3.66 6.28	52.47 2.80 0.33
NORTHPORT___4 23650	46.76 4.22 -0.75	40.55 3.72 -0.01	37.23 3.26 -0.01	34.24 2.88 0.00	33.57 2.60 0.00	35.00 2.74 0.00	37.87 3.19 0.00	41.70 4.03 -0.01	46.94 3.92 0.00	47.33 3.98 -0.01	49.85 3.78 -0.01	52.46 3.34 0.01	52.50 3.14 5.74	52.56 2.90 6.16	52.60 3.60 12.10	52.47 5.49 17.63	52.71 7.38 31.55	52.51 10.19 47.09	52.52 9.27 46.73	52.71 8.19 39.91	52.90 4.88 27.14	52.78 3.61 15.34	52.85 3.66 6.28	52.47 2.80 0.33
NORTHPORT___IC 23718	47.01 4.47 -0.75	40.73 3.90 0.00	37.32 3.36 0.00	34.40 3.04 0.00	33.73 2.76 0.00	35.16 2.90 0.00	38.04 3.36 0.00	41.88 4.22 0.00	47.50 4.47 0.00	47.97 4.64 0.00	50.57 4.51 0.00	52.22 3.10 0.00	52.67 3.31 5.73	52.90 3.24 6.15	52.73 3.73 12.10	52.75 5.69 17.55	52.98 7.53 31.43	52.81 10.46 47.07	52.88 9.63 46.73	52.98 8.44 39.90	53.58 5.56 27.13	53.05 3.87 15.33	52.98 3.77 6.26	53.03 3.35 0.32
NORTH___COUNTRY_ESR 323785	41.29 -0.50 0.00	36.31 -0.52 0.00	33.52 -0.44 0.00	30.95 -0.41 0.00	30.63 -0.34 0.00	31.81 -0.45 0.00	34.47 -0.21 0.00	37.44 -0.22 0.00	43.16 0.13 0.00	43.42 0.09 0.00	45.97 -0.09 0.00	48.83 -0.29 0.00	54.55 -0.55 0.00	55.08 -0.73 0.00	60.49 -0.61 0.00	63.45 -1.16 0.00	74.80 -2.07 0.00	84.04 -3.58 1.80	84.69 -3.33 1.96	80.64 -2.87 0.93	73.50 -1.65 0.00	62.83 -1.68 0.00	54.41 -1.06 0.00	49.30 -0.70 0.00
NPX_GEN_1385_PROXY 323591	46.89 4.35 -0.75	40.70 3.87 -0.01	37.37 3.40 -0.01	34.40 3.04 0.00	33.73 2.76 0.00	35.16 2.90 0.00	38.04 3.36 0.00	41.81 4.14 -0.01	46.23 4.09 0.89	47.38 4.03 -0.01	46.90 4.05 3.21	48.83 3.54 3.84	46.20 3.14 12.04	49.87 2.84 8.79	46.37 3.48 18.21	48.00 5.43 22.04	53.13 7.69 31.43	60.00 10.90 40.32	87.10 9.99 12.87	86.50 8.78 6.72	69.43 5.26 10.98	53.18 4.00 15.33	53.09 3.88 6.26	52.73 3.05 0.32
NPX_GEN_CSC 323557	47.26 4.72 -0.75	40.85 4.01 -0.01	37.44 3.47 -0.01	34.37 3.01 0.00	33.63 2.66 0.00	35.07 2.81 0.00	37.98 3.30 0.00	41.93 4.25 -0.01	47.29 4.26 0.00	47.68 4.33 -0.01	50.77 4.70 -0.01	53.60 4.47 0.00	59.40 4.30 0.00	59.84 4.02 0.00	66.17 5.07 0.00	74.29 7.04 -2.63	90.32 9.45 -3.99	123.90 12.88 -21.61	126.61 11.88 -24.76	95.13 10.55 -0.14	81.77 6.62 0.00	69.54 5.03 0.00	60.18 4.44 -0.28	53.70 3.70 0.00
NSINS_S_GLNS_FALLS 23858	44.04 2.26 0.00	38.74 1.91 0.00	35.59 1.63 0.00	32.83 1.47 0.00	32.43 1.46 0.00	33.84 1.58 0.00	36.38 1.70 0.00	39.40 1.73 0.00	44.62 1.59 0.00	44.68 1.34 0.00	46.98 0.92 0.00	50.06 0.93 0.00	55.65 0.55 0.00	56.54 0.73 0.00	61.95 0.86 0.00	66.74 2.13 0.00	79.95 3.07 0.00	94.60 5.19 0.00	96.46 6.48 0.00	90.26 5.83 0.00	82.82 4.89 -2.78	68.38 3.87 0.00	58.13 2.66 0.00	52.50 2.50 0.00
NUCOR_STEEL___DRP 24197	42.25 0.46 0.00	37.19 0.37 0.00	34.34 0.37 0.00	31.64 0.28 0.00	31.28 0.31 0.00	32.65 0.39 0.00	34.92 0.24 0.00	37.93 0.26 0.00	43.24 0.22 0.00	43.68 0.35 0.00	46.61 0.55 0.00	49.91 0.79 0.00	56.31 1.21 0.00	57.26 1.45 0.00	62.50 1.41 0.00	66.10 1.49 0.00	79.10 2.23 0.00	92.46 3.04 0.00	93.31 3.33 0.00	87.65 3.21 0.00	77.41 2.25 0.00	66.70 2.19 0.00	56.80 1.33 0.00	50.90 0.90 0.00
NUMBER_THREE_WT_PWR 323818	42.79 1.00 0.00	37.67 0.85 0.00	34.74 0.78 0.00	31.99 0.63 0.00	31.74 0.77 0.00	33.16 0.90 0.00	35.51 0.83 0.00	38.57 0.90 0.00	44.02 0.99 0.00	43.94 0.61 0.00	46.80 0.73 0.00	50.06 0.93 0.00	56.20 1.10 0.00	57.04 1.23 0.00	62.20 1.10 0.00	65.83 1.22 0.00	78.64 1.77 0.00	94.20 2.95 -1.84	96.13 4.14 -2.01	89.95 4.56 -0.95	78.08 2.93 0.00	67.02 2.51 0.00	57.08 1.61 0.00	51.00 1.00 0.00
NYISO_LBMP_REFERENCE 24008	41.79 0.00 0.00	36.83 0.00 0.00	33.96 0.00 0.00	31.36 0.00 0.00	30.97 0.00 0.00	32.26 0.00 0.00	34.68 0.00 0.00	37.66 0.00 0.00	43.03 0.00 0.00	43.34 0.00 0.00	46.06 0.00 0.00	49.13 0.00 0.00	55.10 0.00 0.00	55.81 0.00 0.00	61.10 0.00 0.00	64.61 0.00 0.00	76.87 0.00 0.00	89.42 0.00 0.00	89.98 0.00 0.00	84.44 0.00 0.00	75.16 0.00 0.00	64.51 0.00 0.00	55.47 0.00 0.00	50.00 0.00 0.00
NYPA_BRENTWD____GT 24164	47.76 5.22 -0.75	41.36 4.53 -0.01	37.94 3.97 -0.01	34.84 3.48 0.00	34.16 3.19 0.00	35.62 3.35 0.00	38.53 3.85 0.00	42.45 4.78 -0.01	47.93 4.90 0.00	48.28 4.94 -0.01	51.27 5.20 -0.01	54.12 4.96 -0.03	59.98 4.85 -0.03	60.42 4.58 -0.03	66.41 5.31 0.00	75.09 7.36 -3.11	90.78 9.14 -4.76	105.98 12.42 -4.14	105.86 11.61 -4.27	94.80 10.21 -0.15	82.03 6.84 -0.03	70.02 5.48 -0.03	61.10 5.27 -0.36	54.38 4.35 -0.03

NYPA_GOWANUS____GT5 24156	45.97 4.18 -0.01	40.47 3.65 0.00	37.20 3.23 -0.01	34.28 2.92 0.00	33.76 2.79 0.00	35.04 2.77 0.00	37.91 3.23 -0.01	41.62 3.95 -0.01	47.26 4.22 -0.01	47.60 4.25 -0.01	50.40 4.33 -0.01	53.60 4.47 0.00	59.62 4.52 0.00	60.21 4.41 0.01	65.37 4.28 0.01	70.61 6.01 0.01	84.93 8.07 0.01	100.40 10.99 0.01	99.78 9.81 0.01	93.29 8.86 0.01	81.38 6.23 0.01	69.08 4.58 0.01	59.67 4.21 0.01	53.90 3.90 0.00
NYPA_GOWANUS____GT6 24157	45.97 4.18 -0.01	40.47 3.65 0.00	37.20 3.23 -0.01	34.28 2.92 0.00	33.76 2.79 0.00	35.04 2.77 0.00	37.91 3.23 -0.01	41.62 3.95 -0.01	47.26 4.22 -0.01	47.60 4.25 -0.01	50.40 4.33 -0.01	53.60 4.47 0.00	59.62 4.52 0.00	60.21 4.41 0.01	65.37 4.28 0.01	70.61 6.01 0.01	84.93 8.07 0.01	100.40 10.99 0.01	99.78 9.81 0.01	93.29 8.86 0.01	81.38 6.23 0.01	69.08 4.58 0.01	59.67 4.21 0.01	53.90 3.90 0.00
NYPA_HARLEM__RVR__GT1 24160	45.85 4.05 -0.01	40.21 3.39 0.00	36.99 3.02 -0.01	34.09 2.73 0.00	33.57 2.60 0.00	34.84 2.58 0.00	37.77 3.09 -0.01	41.47 3.80 -0.01	47.13 4.09 -0.01	47.46 4.12 -0.01	50.35 4.28 -0.01	53.50 4.37 0.00	59.39 4.30 0.01	60.05 4.24 0.00	65.30 4.21 0.01	70.61 6.01 0.01	84.94 8.07 0.00	100.50 11.09 0.00	99.87 9.90 0.01	93.29 8.86 0.01	81.16 6.01 0.01	68.89 4.39 0.01	59.63 4.16 0.00	53.90 3.90 0.00
NYPA_HARLEM__RVR__GT2 24161	45.85 4.05 -0.01	40.21 3.39 0.00	36.99 3.02 -0.01	34.09 2.73 0.00	33.57 2.60 0.00	34.84 2.58 0.00	37.77 3.09 -0.01	41.47 3.80 -0.01	47.13 4.09 -0.01	47.46 4.12 -0.01	50.35 4.28 -0.01	53.50 4.37 0.00	59.39 4.30 0.01	60.05 4.24 0.00	65.30 4.21 0.01	70.61 6.01 0.01	84.94 8.07 0.00	100.50 11.09 0.00	99.87 9.90 0.01	93.29 8.86 0.01	81.16 6.01 0.01	68.89 4.39 0.01	59.63 4.16 0.00	53.90 3.90 0.00
NYPA_KENT____GT 24152	45.89 4.10 -0.01	40.40 3.57 0.00	37.16 3.19 -0.01	34.24 2.88 0.00	33.73 2.76 0.00	35.04 2.77 0.00	37.91 3.23 -0.01	41.62 3.95 -0.01	47.26 4.22 -0.01	47.60 4.25 -0.01	50.40 4.33 -0.01	53.60 4.47 0.00	59.62 4.52 0.00	60.28 4.47 0.00	65.37 4.28 0.01	70.61 6.01 0.01	84.87 7.99 0.00	100.32 10.90 0.00	99.69 9.72 0.01	93.13 8.70 0.01	81.16 6.01 0.01	68.89 4.39 0.01	59.68 4.21 0.00	53.90 3.90 0.00
NYPA_POUCH1____GT 24155	45.97 4.18 -0.01	40.47 3.65 0.00	37.20 3.23 -0.01	34.24 2.88 0.00	33.73 2.76 0.00	35.00 2.74 0.00	37.84 3.16 -0.01	41.51 3.84 -0.01	47.08 4.04 -0.01	47.38 4.03 -0.01	50.12 4.05 -0.01	53.35 4.23 0.00	59.34 4.24 0.00	49.58 4.13 10.36	50.59 3.97 14.48	58.37 5.69 11.93	72.29 7.61 12.20	94.15 10.55 5.81	87.61 9.27 11.64	86.08 8.44 6.80	66.10 5.87 14.92	56.82 4.26 11.94	52.76 3.94 6.64	49.93 3.60 3.67
NYPA_VERNON____GT2 24162	45.81 4.01 -0.01	40.29 3.46 0.00	37.09 3.12 -0.01	34.21 2.85 0.00	33.70 2.73 0.00	35.04 2.77 0.00	37.91 3.23 -0.01	41.62 3.95 -0.01	47.30 4.26 -0.01	47.64 4.29 -0.01	50.45 4.38 -0.01	53.65 4.52 0.00	59.67 4.57 0.00	60.33 4.52 0.00	65.49 4.40 0.01	70.61 6.01 0.01	84.87 7.99 0.00	100.32 10.90 0.00	99.69 9.72 0.01	93.13 8.70 0.01	81.01 5.87 0.01	68.82 4.32 0.01	59.80 4.33 0.00	53.95 3.95 0.00
NYPA_VERNON____GT3 24163	45.81 4.01 -0.01	40.29 3.46 0.00	37.09 3.12 -0.01	34.21 2.85 0.00	33.70 2.73 0.00	35.04 2.77 0.00	37.91 3.23 -0.01	41.62 3.95 -0.01	47.30 4.26 -0.01	47.64 4.29 -0.01	50.45 4.38 -0.01	53.65 4.52 0.00	59.67 4.57 0.00	60.33 4.52 0.00	65.49 4.40 0.01	70.61 6.01 0.01	84.87 7.99 0.00	100.32 10.90 0.00	99.69 9.72 0.01	93.13 8.70 0.01	81.01 5.87 0.01	68.82 4.32 0.01	59.80 4.33 0.00	53.95 3.95 0.00
NYPA__ASTORIA_CC1 323568	45.81 4.01 -0.01	40.29 3.46 0.00	37.09 3.12 -0.01	34.18 2.82 0.00	33.66 2.69 0.00	35.00 2.74 0.00	37.88 3.19 -0.01	41.59 3.92 -0.01	47.26 4.22 -0.01	47.60 4.25 -0.01	50.45 4.38 -0.01	53.60 4.47 0.00	59.62 4.52 0.00	60.22 4.41 0.00	65.37 4.28 0.01	70.48 5.88 0.01	84.72 7.84 0.00	100.14 10.73 0.00	99.50 9.53 0.01	92.95 8.52 0.01	80.86 5.71 0.01	68.69 4.19 0.01	59.74 4.27 0.00	53.90 3.90 0.00
NYPA__ASTORIA_CC2 323569	45.81 4.01 -0.01	40.29 3.46 0.00	37.09 3.12 -0.01	34.18 2.82 0.00	33.66 2.69 0.00	35.00 2.74 0.00	37.88 3.19 -0.01	41.59 3.92 -0.01	47.26 4.22 -0.01	47.60 4.25 -0.01	50.45 4.38 -0.01	53.60 4.47 0.00	59.62 4.52 0.00	60.22 4.41 0.00	65.37 4.28 0.01	70.48 5.88 0.01	84.72 7.84 0.00	100.14 10.73 0.00	99.50 9.53 0.01	92.95 8.52 0.01	80.86 5.71 0.01	68.69 4.19 0.01	59.74 4.27 0.00	53.90 3.90 0.00
NYPA__HOLTSVILL 23794	47.35 4.80 -0.75	40.99 4.16 -0.01	37.61 3.64 -0.01	34.53 3.17 0.00	33.82 2.85 0.00	35.26 3.00 0.00	38.18 3.50 0.00	42.08 4.40 -0.01	47.50 4.47 0.00	47.85 4.51 -0.01	50.81 4.75 -0.01	53.60 4.47 0.00	59.35 4.24 0.00	59.78 3.96 0.00	65.99 4.89 0.00	74.05 6.85 -2.60	89.80 8.99 -3.94	140.88 12.25 -39.21	146.64 11.34 -45.33	94.62 10.04 -0.14	81.54 6.38 0.00	69.48 4.97 0.00	60.34 4.60 -0.27	53.85 3.85 0.00
NYPA____HELLGATE_GT1 24158	45.85 4.05 -0.01	40.21 3.39 0.00	36.99 3.02 -0.01	34.09 2.73 0.00	33.57 2.60 0.00	34.84 2.58 0.00	37.77 3.09 -0.01	41.47 3.80 -0.01	47.13 4.09 -0.01	47.46 4.12 -0.01	50.35 4.28 -0.01	53.50 4.37 0.00	59.39 4.30 0.01	60.05 4.24 0.00	65.30 4.21 0.01	70.61 6.01 0.01	84.94 8.07 0.00	100.50 11.09 0.00	99.87 9.90 0.01	93.29 8.86 0.01	81.16 6.01 0.01	68.89 4.39 0.01	59.63 4.16 0.00	53.90 3.90 0.00
NYPA____HELLGATE_GT2 24159	45.85 4.05 -0.01	40.21 3.39 0.00	36.99 3.02 -0.01	34.09 2.73 0.00	33.57 2.60 0.00	34.84 2.58 0.00	37.77 3.09 -0.01	41.47 3.80 -0.01	47.13 4.09 -0.01	47.46 4.12 -0.01	50.35 4.28 -0.01	53.50 4.37 0.00	59.39 4.30 0.01	60.05 4.24 0.00	65.30 4.21 0.01	70.61 6.01 0.01	84.94 8.07 0.00	100.50 11.09 0.00	99.87 9.90 0.01	93.29 8.86 0.01	81.16 6.01 0.01	68.89 4.39 0.01	59.63 4.16 0.00	53.90 3.90 0.00
NYS_BARGE__HYD 23848	41.75 -0.04 0.00	36.94 0.11 0.00	34.23 0.27 0.00	31.30 -0.06 0.00	30.97 0.00 0.00	32.46 0.19 0.00	33.88 -0.80 0.00	36.04 -1.62 0.00	41.22 -1.81 0.00	42.69 -0.65 0.00	46.06 0.00 0.00	48.79 -0.34 0.00	56.26 1.16 0.00	57.93 2.12 0.00	62.81 1.71 0.00	65.58 0.97 0.00	78.18 1.31 0.00	90.76 1.34 0.00	91.33 1.35 0.00	86.13 1.69 0.00	75.75 0.60 0.00	65.67 1.16 0.00	55.69 0.22 0.00	50.20 0.20 0.00
OAK ORCHARD__HYD 24046	42.08 0.29 0.00	37.12 0.29 0.00	34.34 0.37 0.00	31.61 0.25 0.00	31.13 0.16 0.00	32.55 0.29 0.00	34.51 -0.17 0.00	37.17 -0.49 0.00	42.51 -0.51 0.00	43.64 0.31 0.00	46.93 0.87 0.00	50.06 0.93 0.00	57.31 2.21 0.00	58.60 2.79 0.00	63.85 2.75 0.00	67.13 2.52 0.00	80.18 3.30 0.00	93.26 3.84 0.00	93.67 3.69 0.00	88.24 3.80 0.00	77.71 2.56 0.00	67.15 2.65 0.00	56.91 1.44 0.00	51.00 1.00 0.00

OAKDALE___35_KV_LOAD 356122	42.50 0.71 0.00	37.45 0.63 0.00	34.51 0.54 0.00	31.93 0.56 0.00	31.53 0.56 0.00	32.91 0.65 0.00	35.03 0.35 0.00	38.00 0.34 0.00	43.33 0.30 0.00	43.77 0.43 0.00	46.71 0.64 0.00	49.96 0.84 0.00	56.37 1.27 0.00	57.37 1.56 0.00	62.69 1.59 0.00	66.23 1.62 0.00	79.33 2.46 0.00	92.72 3.31 0.00	93.40 3.42 0.00	87.65 3.21 0.00	77.26 2.10 0.00	66.51 2.00 0.00	56.80 1.33 0.00	51.05 1.05 0.00
OCC_CHEM___DRP 24175	40.87 -0.92 0.00	36.05 -0.77 0.00	33.52 -0.44 0.00	30.77 -0.60 0.00	30.26 -0.71 0.00	31.68 -0.58 0.00	33.19 -1.49 0.00	35.33 -2.34 0.00	40.27 -2.75 0.00	41.47 -1.86 0.00	44.45 -1.61 0.00	48.00 -1.13 0.00	55.32 0.22 0.00	56.98 1.17 0.00	61.71 0.61 0.00	63.83 -0.78 0.00	76.64 -0.23 0.00	89.33 -0.09 0.00	89.44 -0.54 0.00	84.35 -0.08 0.00	73.73 -1.43 0.00	64.25 -0.26 0.00	54.69 -0.78 0.00	49.30 -0.70 0.00
OH_GEN_PROXY 24063	41.29 -0.50 0.00	36.46 -0.37 0.00	33.79 -0.17 0.00	31.11 -0.25 0.00	30.60 -0.37 0.00	32.00 -0.26 0.00	33.60 -1.08 0.00	35.74 -1.92 0.00	40.96 -2.06 0.00	42.34 -1.00 0.00	45.60 -0.46 0.00	48.54 -0.59 0.00	55.87 0.77 0.00	57.37 1.56 0.00	62.32 1.22 0.00	65.07 0.46 0.00	77.64 0.77 0.00	90.13 0.71 0.00	90.61 0.63 0.00	85.45 1.02 0.00	75.23 0.08 0.00	65.22 0.71 0.00	55.30 -0.17 0.00	49.85 -0.15 0.00
OLIN_CORP_DRP 24177	41.29 -0.50 0.00	36.53 -0.29 0.00	33.39 -0.58 0.00	31.14 -0.22 0.00	30.63 -0.34 0.00	32.10 -0.16 0.00	33.43 -1.25 0.00	35.48 -2.18 0.00	40.49 -2.54 0.00	41.65 -1.69 0.00	44.68 -1.38 0.00	48.19 -0.93 0.00	55.54 0.44 0.00	57.21 1.40 0.00	62.01 0.92 0.00	64.22 -0.39 0.00	77.18 0.31 0.00	89.95 0.54 0.00	90.07 0.09 0.00	84.94 0.51 0.00	74.25 -0.90 0.00	64.70 0.19 0.00	54.91 -0.55 0.00	49.65 -0.35 0.00
OLIN_CORP_DSASP 323712	40.87 -0.92 0.00	36.05 -0.78 0.00	33.45 -0.51 0.00	31.05 -0.31 0.00	30.26 -0.71 0.00	31.68 -0.58 0.00	33.22 -1.46 0.00	35.29 -2.37 0.00	40.45 -2.58 0.00	41.86 -1.47 0.00	45.14 -0.92 0.00	48.00 -1.13 0.00	55.32 0.22 0.00	56.93 1.12 0.00	61.71 0.61 0.00	64.29 -0.32 0.00	76.72 -0.15 0.00	88.88 -0.53 0.00	89.44 -0.54 0.00	84.35 -0.08 0.00	74.26 -0.90 0.00	64.38 -0.13 0.00	54.69 -0.78 0.00	49.35 -0.65 0.00
ONEIDA_HERK_LFGE 323681	42.87 1.08 0.00	37.75 0.92 0.00	34.81 0.85 0.00	32.08 0.72 0.00	31.81 0.84 0.00	33.20 0.94 0.00	35.55 0.87 0.00	38.64 0.98 0.00	44.10 1.08 0.00	44.16 0.82 0.00	47.03 0.97 0.00	50.30 1.18 0.00	56.48 1.38 0.00	57.32 1.51 0.00	62.63 1.53 0.00	66.29 1.68 0.00	79.18 2.30 0.00	93.65 3.40 -0.84	95.13 4.23 -0.92	89.09 4.22 -0.44	78.24 3.08 0.00	67.15 2.65 0.00	57.30 1.83 0.00	51.35 1.35 0.00
ONEIDA___115KV_TB4 55905	43.04 1.25 0.00	37.93 1.10 0.00	34.95 0.98 0.00	32.24 0.88 0.00	31.90 0.93 0.00	33.32 1.06 0.00	35.65 0.97 0.00	38.72 1.05 0.00	44.19 1.16 0.00	44.33 1.00 0.00	47.26 1.20 0.00	50.55 1.42 0.00	56.86 1.76 0.00	57.76 1.95 0.00	63.11 2.02 0.00	66.87 2.26 0.00	79.95 3.07 0.00	94.06 4.29 -0.36	95.32 4.95 -0.39	89.43 4.81 -0.18	78.91 3.76 0.00	67.86 3.35 0.00	57.80 2.33 0.00	51.80 1.80 0.00
ONONDAGA_REF_OCCRA 23987	41.83 0.04 0.00	36.83 0.00 0.00	33.96 0.00 0.00	31.33 -0.03 0.00	30.94 -0.03 0.00	32.29 0.03 0.00	34.61 -0.07 0.00	37.59 -0.08 0.00	42.90 -0.13 0.00	43.29 -0.04 0.00	46.20 0.14 0.00	49.42 0.29 0.00	55.71 0.61 0.00	56.54 0.73 0.00	61.83 0.73 0.00	65.39 0.78 0.00	78.18 1.31 0.00	91.38 1.97 0.00	92.05 2.07 0.00	86.46 2.03 0.00	76.36 1.20 0.00	65.67 1.16 0.00	56.02 0.55 0.00	50.30 0.30 0.00
ONONDAGA___COGEN 23986	41.87 0.08 0.00	36.86 0.04 0.00	34.00 0.03 0.00	31.36 0.00 0.00	30.97 0.00 0.00	32.32 0.06 0.00	34.65 -0.03 0.00	37.63 -0.04 0.00	42.98 -0.04 0.00	43.38 0.04 0.00	46.24 0.18 0.00	49.52 0.39 0.00	55.76 0.66 0.00	56.37 0.56 0.00	61.59 0.49 0.00	65.13 0.52 0.00	77.87 1.00 0.00	90.85 1.43 0.00	91.60 1.62 0.00	85.96 1.52 0.00	75.98 0.83 0.00	65.41 0.90 0.00	55.86 0.39 0.00	50.35 0.35 0.00
ONTARIO___LFGE 23819	42.67 0.88 0.00	37.56 0.74 0.00	34.74 0.78 0.00	31.96 0.59 0.00	31.56 0.59 0.00	33.00 0.74 0.00	35.13 0.45 0.00	38.00 0.34 0.00	43.37 0.34 0.00	44.07 0.74 0.00	47.26 1.20 0.00	50.21 1.08 0.00	57.03 1.93 0.00	58.26 2.45 0.00	63.60 2.51 0.00	67.13 2.52 0.00	80.49 3.61 0.00	93.17 3.75 0.00	94.21 4.23 0.00	88.91 4.47 0.00	78.69 3.53 0.00	67.86 3.35 0.00	57.41 1.94 0.00	51.30 1.30 0.00
ORANGEVILLE_WT_PWR 323706	42.12 0.33 0.00	37.19 0.37 0.00	34.44 0.48 0.00	31.64 0.28 0.00	31.19 0.22 0.00	32.65 0.39 0.00	34.23 -0.45 0.00	36.46 -1.21 0.00	41.56 -1.46 0.00	42.86 -0.48 0.00	46.15 0.09 0.00	49.03 -0.10 0.00	56.26 1.16 0.00	57.76 1.95 0.00	62.81 1.71 0.00	65.71 1.10 0.00	78.64 1.77 0.00	91.30 1.88 0.00	92.23 2.25 0.00	87.06 2.62 0.00	76.66 1.50 0.00	66.25 1.74 0.00	56.14 0.67 0.00	50.40 0.40 0.00
ORANGEVILLE___ESR 323794	42.12 0.33 0.00	37.19 0.37 0.00	34.44 0.48 0.00	31.64 0.28 0.00	31.19 0.22 0.00	32.65 0.39 0.00	34.23 -0.45 0.00	36.46 -1.21 0.00	41.56 -1.46 0.00	42.86 -0.48 0.00	46.15 0.09 0.00	49.03 -0.10 0.00	56.26 1.16 0.00	57.76 1.95 0.00	62.81 1.71 0.00	65.71 1.10 0.00	78.64 1.77 0.00	91.30 1.88 0.00	92.23 2.25 0.00	87.06 2.62 0.00	76.66 1.50 0.00	66.25 1.74 0.00	56.14 0.67 0.00	50.40 0.40 0.00
OSWEGATCHIE___HYD 24044	42.16 0.38 0.00	37.09 0.26 0.00	34.23 0.27 0.00	31.55 0.19 0.00	31.28 0.31 0.00	32.58 0.32 0.00	35.06 0.38 0.00	37.93 0.27 0.00	43.41 0.39 0.00	43.42 0.09 0.00	46.20 0.14 0.00	49.37 0.25 0.00	55.32 0.22 0.00	56.09 0.28 0.00	61.10 0.00 0.00	64.09 -0.52 0.00	76.10 -0.77 0.00	94.58 -0.98 -6.14	96.69 0.00 -6.71	88.29 0.67 -3.18	75.83 0.67 0.00	65.34 0.84 0.00	56.35 0.88 0.00	50.75 0.75 0.00
OSWEGO___5 23606	41.12 -0.67 0.00	36.20 -0.63 0.00	33.42 -0.54 0.00	30.83 -0.53 0.00	30.44 -0.53 0.00	31.74 -0.52 0.00	34.02 -0.66 0.00	36.91 -0.75 0.00	42.17 -0.86 0.00	42.56 -0.78 0.00	45.37 -0.69 0.00	48.44 -0.69 0.00	54.55 -0.55 0.00	55.36 -0.45 0.00	60.49 -0.61 0.00	63.96 -0.65 0.00	76.34 -0.53 0.00	89.06 -0.36 0.00	89.71 -0.27 0.00	84.18 -0.25 0.00	74.55 -0.60 0.00	64.12 -0.38 0.00	54.81 -0.66 0.00	49.35 -0.65 0.00
OSWEGO___6 23613	41.12 -0.67 0.00	36.20 -0.63 0.00	33.42 -0.54 0.00	30.83 -0.53 0.00	30.44 -0.53 0.00	31.74 -0.52 0.00	34.02 -0.66 0.00	36.91 -0.75 0.00	42.17 -0.86 0.00	42.56 -0.78 0.00	45.37 -0.69 0.00	48.44 -0.69 0.00	54.55 -0.55 0.00	55.36 -0.45 0.00	60.49 -0.61 0.00	63.96 -0.65 0.00	76.34 -0.53 0.00	89.06 -0.36 0.00	89.71 -0.27 0.00	84.18 -0.25 0.00	74.55 -0.60 0.00	64.12 -0.38 0.00	54.81 -0.66 0.00	49.35 -0.65 0.00

OUTOKUMPU-AB___DRP 24206	41.91 0.13 0.00	37.01 0.18 0.00	34.17 0.20 0.00	31.55 0.19 0.00	31.03 0.06 0.00	32.52 0.26 0.00	34.02 -0.66 0.00	36.31 -1.36 0.00	41.44 -1.59 0.00	42.69 -0.65 0.00	45.78 -0.28 0.00	49.42 0.29 0.00	56.97 1.87 0.00	58.77 2.96 0.00	63.42 2.32 0.00	65.58 0.97 0.00	78.72 1.84 0.00	91.74 2.32 0.00	91.96 1.98 0.00	86.63 2.20 0.00	75.68 0.53 0.00	65.80 1.29 0.00	56.19 0.72 0.00	50.60 0.60 0.00
OXBOW___BTM 323836	41.45 -0.34 0.00	36.61 -0.22 0.00	33.96 0.00 0.00	31.39 0.03 0.00	30.69 -0.28 0.00	32.16 -0.10 0.00	33.71 -0.97 0.00	35.89 -1.77 0.00	41.09 -1.94 0.00	42.60 -0.74 0.00	45.92 -0.14 0.00	48.83 -0.29 0.00	56.31 1.21 0.00	57.99 2.17 0.00	62.75 1.65 0.00	65.00 0.39 0.00	77.56 0.69 0.00	89.95 0.54 0.00	90.43 0.45 0.00	85.28 0.84 0.00	75.01 -0.15 0.00	64.96 0.45 0.00	55.64 0.17 0.00	50.10 0.10 0.00
OXBOW___ 24026	41.45 -0.33 0.00	36.61 -0.22 0.00	33.93 -0.03 0.00	31.20 -0.16 0.00	30.69 -0.28 0.00	32.16 -0.10 0.00	33.67 -1.01 0.00	35.89 -1.77 0.00	40.96 -2.07 0.00	42.17 -1.17 0.00	45.23 -0.83 0.00	48.83 -0.29 0.00	56.31 1.21 0.00	58.10 2.29 0.00	62.75 1.65 0.00	64.55 -0.06 0.00	77.56 0.69 0.00	90.31 0.89 0.00	90.52 0.54 0.00	85.28 0.84 0.00	74.55 -0.60 0.00	64.89 0.39 0.00	55.58 0.11 0.00	50.05 0.05 0.00
OXY_CHEM_DSASP 323612	40.87 -0.92 0.00	36.05 -0.77 0.00	33.52 -0.44 0.00	30.77 -0.60 0.00	30.26 -0.71 0.00	31.68 -0.58 0.00	33.19 -1.49 0.00	35.33 -2.34 0.00	40.27 -2.75 0.00	41.47 -1.86 0.00	44.45 -1.61 0.00	48.00 -1.13 0.00	55.32 0.22 0.00	56.98 1.17 0.00	61.71 0.61 0.00	63.83 -0.78 0.00	76.64 -0.23 0.00	89.33 -0.09 0.00	89.44 -0.54 0.00	84.35 -0.08 0.00	73.73 -1.43 0.00	64.25 -0.26 0.00	54.69 -0.78 0.00	49.30 -0.70 0.00
OZONE_PARK_ESR 323760	46.09 4.30 0.00	40.58 3.76 0.00	37.19 3.23 0.00	34.34 2.98 0.00	33.82 2.85 0.00	35.29 3.03 0.00	38.11 3.43 0.00	41.84 4.18 0.00	47.59 4.56 0.00	48.06 4.72 0.00	50.90 4.84 0.00	53.94 4.81 0.00	60.33 5.23 0.00	60.89 5.08 0.00	66.66 5.56 0.00	71.91 7.30 0.00	86.41 9.53 0.00	101.93 12.52 0.00	101.59 11.61 0.00	94.91 10.47 0.00	82.67 7.52 0.00	70.12 5.61 0.00	60.57 5.10 0.00	54.55 4.55 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	40.87 -0.92 0.00	36.05 -0.77 0.00	33.52 -0.44 0.00	30.77 -0.60 0.00	30.26 -0.71 0.00	31.68 -0.58 0.00	33.19 -1.49 0.00	35.33 -2.34 0.00	40.27 -2.75 0.00	41.47 -1.86 0.00	44.45 -1.61 0.00	48.00 -1.13 0.00	55.32 0.22 0.00	56.98 1.17 0.00	61.71 0.61 0.00	63.83 -0.78 0.00	76.64 -0.23 0.00	89.33 -0.09 0.00	89.44 -0.54 0.00	84.35 -0.08 0.00	73.73 -1.43 0.00	64.25 -0.26 0.00	54.69 -0.78 0.00	49.30 -0.70 0.00
PACKARD___115KV_DUPONT_184 80571	40.87 -0.92 0.00	36.05 -0.77 0.00	33.52 -0.44 0.00	30.77 -0.60 0.00	30.26 -0.71 0.00	31.68 -0.58 0.00	33.19 -1.49 0.00	35.33 -2.34 0.00	40.27 -2.75 0.00	41.47 -1.86 0.00	44.45 -1.61 0.00	48.00 -1.13 0.00	55.32 0.22 0.00	56.98 1.17 0.00	61.71 0.61 0.00	63.83 -0.78 0.00	76.64 -0.23 0.00	89.33 -0.09 0.00	89.44 -0.54 0.00	84.35 -0.08 0.00	73.73 -1.43 0.00	64.25 -0.26 0.00	54.69 -0.78 0.00	49.30 -0.70 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	45.93 4.14 -0.01	40.29 3.46 0.00	36.99 3.02 0.00	34.15 2.79 0.00	33.60 2.63 0.00	34.91 2.65 0.00	37.80 3.12 0.00	41.47 3.80 0.00	47.16 4.13 0.00	47.54 4.20 0.00	50.48 4.42 0.00	53.45 4.32 0.00	59.40 4.30 0.00	60.05 4.24 0.00	65.31 4.22 0.00	70.62 6.01 0.00	84.87 7.99 0.00	100.32 10.91 0.00	99.79 9.81 0.00	93.30 8.87 0.00	81.24 6.09 0.00	68.96 4.45 0.00	59.74 4.27 0.00	54.00 4.00 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	46.48 4.68 -0.01	40.77 3.94 0.00	37.46 3.50 0.00	34.53 3.17 0.00	34.01 3.04 0.00	35.36 3.10 0.00	38.29 3.61 0.00	41.96 4.29 0.00	47.72 4.69 0.00	48.10 4.77 0.00	51.04 4.97 0.00	54.09 4.96 0.00	60.11 5.01 0.00	60.83 5.02 0.00	66.11 5.01 0.00	71.52 6.91 0.00	86.02 9.15 0.00	101.67 12.25 0.00	101.23 11.25 0.00	94.65 10.22 0.00	82.45 7.29 0.00	69.92 5.42 0.00	60.57 5.10 0.00	54.75 4.75 0.00
PATROON___115KV_TB1 80586	42.87 1.09 0.00	37.89 1.07 0.00	34.95 0.98 0.00	32.33 0.97 0.00	31.87 0.90 0.00	33.16 0.90 0.00	35.58 0.90 0.00	38.60 0.94 0.00	43.93 0.90 0.00	44.12 0.78 0.00	46.71 0.64 0.00	49.67 0.54 0.00	55.43 0.33 0.00	55.92 0.11 0.00	61.22 0.12 0.00	65.58 0.97 0.00	78.33 1.46 0.00	92.01 2.59 0.00	92.50 2.52 0.00	86.55 2.11 0.00	74.64 1.28 0.00	65.34 0.84 0.00	55.97 0.50 0.00	50.55 0.55 0.00
PATTRSNVILLE___SOLAR 323815	43.75 1.96 0.00	38.49 1.66 0.00	35.42 1.46 0.00	32.71 1.35 0.00	32.33 1.36 0.00	33.71 1.45 0.00	36.14 1.46 0.00	39.09 1.43 0.00	44.32 1.29 0.00	44.34 1.00 0.00	46.98 0.92 0.00	50.06 0.93 0.00	55.98 0.88 0.00	56.76 0.95 0.00	62.14 1.04 0.00	66.36 1.75 0.00	79.49 2.62 0.00	93.71 4.29 0.00	94.74 4.77 0.00	89.08 4.64 0.00	79.54 3.76 -0.63	67.60 3.10 0.00	57.85 2.38 0.00	52.15 2.15 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	41.66 -0.13 0.00	36.75 -0.07 0.00	33.79 -0.17 0.00	31.39 0.03 0.00	30.88 -0.09 0.00	32.36 0.10 0.00	33.85 -0.83 0.00	36.23 -1.43 0.00	41.35 -1.68 0.00	42.51 -0.82 0.00	45.65 -0.41 0.00	49.27 0.15 0.00	56.53 1.43 0.00	58.38 2.57 0.00	63.30 2.20 0.00	65.77 1.16 0.00	79.03 2.15 0.00	92.19 2.77 0.00	92.50 2.52 0.00	86.97 2.53 0.00	75.91 0.75 0.00	65.86 1.35 0.00	55.97 0.50 0.00	50.35 0.35 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	45.30 3.51 0.00	39.96 3.13 0.00	36.68 2.72 0.00	33.90 2.54 0.00	33.42 2.45 0.00	34.81 2.55 0.00	37.45 2.77 0.00	41.05 3.39 0.00	46.64 3.61 0.00	46.89 3.55 0.00	49.79 3.73 0.00	52.91 3.78 0.00	59.40 4.30 0.00	60.11 4.30 0.00	65.99 4.89 0.00	71.01 6.40 0.00	85.56 8.69 0.00	101.04 11.62 0.00	101.05 11.07 0.00	94.06 9.63 0.00	82.37 7.21 0.00	69.80 5.29 0.00	59.91 4.44 0.00	54.00 4.00 0.00
PEEKSKILL___ 23653	45.13 3.34 0.00	39.81 2.98 0.00	36.58 2.62 0.00	33.78 2.41 0.00	33.26 2.29 0.00	34.68 2.42 0.00	37.31 2.63 0.00	40.90 3.24 0.00	46.43 3.40 0.00	46.72 3.38 0.00	49.52 3.46 0.00	52.71 3.58 0.00	58.95 3.86 0.00	59.55 3.74 0.00	65.25 4.16 0.00	70.23 5.62 0.00	84.41 7.54 0.00	99.69 10.28 0.00	99.42 9.45 0.00	92.80 8.36 0.00	80.94 5.79 0.00	68.83 4.32 0.00	59.35 3.88 0.00	53.40 3.40 0.00
PGE MADISON___WINDPWR 24146	45.34 3.55 0.00	39.96 3.13 0.00	36.85 2.89 0.00	33.87 2.51 0.00	33.66 2.69 0.00	35.26 3.00 0.00	37.42 2.74 0.00	40.64 2.97 0.00	46.21 3.18 0.00	46.07 2.73 0.00	49.28 3.22 0.00	52.81 3.69 0.00	59.51 4.41 0.00	60.72 4.91 0.00	66.29 5.19 0.00	70.36 5.75 0.00	84.41 7.54 0.00	99.43 10.01 0.00	101.50 11.52 0.00	95.58 11.14 0.00	84.02 8.86 0.00	72.37 7.87 0.00	61.01 5.55 0.00	54.35 4.35 0.00

PIERCEFIELD___HYD 23852	41.75 -0.04 0.00	36.72 -0.11 0.00	33.93 -0.03 0.00	31.30 -0.06 0.00	31.00 0.03 0.00	32.16 -0.10 0.00	34.78 0.10 0.00	37.66 0.00 0.00	43.33 0.30 0.00	43.42 0.09 0.00	46.15 0.09 0.00	49.13 0.00 0.00	54.93 -0.17 0.00	55.53 -0.28 0.00	60.61 -0.49 0.00	62.74 -1.87 0.00	74.03 -2.84 0.00	75.64 -5.10 8.68	75.91 -4.59 9.48	76.06 -3.88 4.50	73.35 -1.80 0.00	63.41 -1.10 0.00	55.41 -0.06 0.00	50.40 0.40 0.00
PINELAWN_CC_1 323563	47.43 4.89 -0.75	41.10 4.27 -0.01	37.74 3.77 -0.01	34.68 3.32 0.00	34.01 3.04 0.00	35.45 3.19 0.00	38.35 3.67 0.00	42.23 4.56 -0.01	47.68 4.65 0.00	48.07 4.72 -0.01	50.95 4.88 -0.01	53.90 4.76 -0.01	59.29 4.19 0.00	59.66 3.85 0.00	65.74 4.64 0.00	77.29 6.72 -5.96	94.71 8.76 -9.07	103.47 11.99 -2.07	102.46 11.16 -1.33	94.59 9.87 -0.28	81.54 6.38 0.00	69.41 4.90 0.00	60.80 4.71 -0.62	53.85 3.85 0.00
PJM_GEN_HTTP_PROXY 323702	45.55 3.76 0.00	40.14 3.32 0.00	36.85 2.89 0.00	34.00 2.63 0.00	33.51 2.54 0.00	34.94 2.68 0.00	37.66 2.98 0.00	41.39 3.73 0.00	47.03 4.00 0.00	47.37 4.03 0.00	50.16 4.10 0.00	53.35 4.23 0.00	59.62 4.52 0.00	60.17 4.36 0.00	65.80 4.70 0.00	70.95 6.34 0.00	85.18 8.30 0.00	100.68 11.27 0.00	100.14 10.16 0.00	93.56 9.12 0.00	81.39 6.23 0.00	69.15 4.65 0.00	59.80 4.33 0.00	53.85 3.85 0.00
PJM_GEN_KEystone 24065	43.25 1.46 0.00	38.19 1.36 0.00	35.22 1.26 0.00	32.49 1.13 0.00	32.02 1.05 0.00	33.42 1.16 0.00	35.58 0.90 0.00	38.60 0.94 0.00	43.93 0.91 0.00	44.60 1.26 0.00	47.58 1.52 0.00	50.65 1.52 0.00	57.19 2.09 0.00	57.43 2.34 0.73	62.46 2.38 1.01	66.75 2.97 0.84	80.17 4.15 0.85	94.55 5.55 0.41	94.29 5.13 0.82	88.69 4.73 0.48	76.97 2.86 1.04	66.12 2.45 0.84	56.94 1.94 0.47	51.44 1.70 0.26
PJM_GEN_NEPTUNE_PROXY 323594	46.68 4.14 -0.75	40.55 3.72 -0.01	37.23 3.26 -0.01	34.28 2.92 0.00	33.63 2.66 0.00	35.07 2.81 0.00	37.91 3.23 0.00	41.70 4.03 -0.01	47.12 4.09 0.00	47.51 4.16 -0.01	50.26 4.19 -0.01	53.26 4.13 0.00	59.18 4.08 0.00	59.66 3.85 0.00	65.68 4.58 0.00	71.71 6.46 -0.64	86.29 8.46 -0.96	100.88 11.36 -0.11	100.42 10.43 -0.01	93.85 9.37 -0.04	81.24 6.08 0.00	69.21 4.71 0.00	60.23 4.71 -0.05	53.74 3.75 0.01
PJM_GEN_VFT_PROXY 323633	45.34 3.55 0.00	39.96 3.13 0.00	36.71 2.75 0.00	33.84 2.48 0.00	33.36 2.38 0.00	34.78 2.52 0.00	37.56 2.88 0.00	41.24 3.58 0.00	46.86 3.83 0.00	47.24 3.90 0.00	49.93 3.87 0.00	53.10 3.98 0.01	59.28 4.19 0.00	49.41 3.96 10.37	50.95 4.34 14.49	58.62 5.94 11.93	72.51 7.84 12.21	94.23 10.64 5.82	87.96 9.63 11.65	86.15 8.52 6.81	65.94 5.71 14.92	56.69 4.13 11.95	52.76 3.94 6.65	49.87 3.55 3.68
PLATSBURG_115KV_PMLD1 355749	41.87 0.08 0.00	36.83 0.00 0.00	34.00 0.03 0.00	31.42 0.06 0.00	31.09 0.12 0.00	32.26 0.00 0.00	34.92 0.24 0.00	37.96 0.30 0.00	43.72 0.69 0.00	44.03 0.69 0.00	46.38 0.32 0.00	49.08 -0.05 0.00	54.38 -0.72 0.00	54.75 -1.06 0.00	60.12 -0.98 0.00	63.12 -1.49 0.00	74.57 -2.31 0.00	84.34 -3.93 1.14	85.04 -3.69 1.25	80.81 -3.04 0.59	73.28 -1.88 0.00	62.64 -1.87 0.00	54.36 -1.11 0.00	49.55 -0.45 0.00
PLEASANTVLY___LBMP 24000	44.63 2.84 0.00	39.37 2.54 0.00	36.17 2.21 0.00	33.43 2.07 0.00	32.95 1.98 0.00	34.32 2.06 0.00	36.93 2.25 0.00	40.41 2.75 0.00	45.87 2.84 0.00	46.15 2.82 0.00	48.96 2.90 0.00	51.93 2.80 0.00	58.13 3.03 0.00	58.71 2.90 0.00	64.34 3.24 0.00	69.20 4.59 0.00	82.95 6.07 0.00	97.82 8.41 0.00	97.81 7.83 0.00	91.45 7.01 0.00	80.12 4.96 0.00	68.12 3.61 0.00	58.63 3.16 0.00	52.95 2.95 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	45.38 3.59 0.00	39.99 3.17 0.00	36.68 2.72 0.00	33.90 2.54 0.00	33.42 2.45 0.00	34.81 2.55 0.00	37.52 2.84 0.00	41.17 3.50 0.00	46.77 3.74 0.00	47.15 3.81 0.00	50.02 3.96 0.00	53.01 3.88 0.00	59.40 4.30 0.00	60.05 4.24 0.00	65.80 4.70 0.00	70.81 6.20 0.00	85.02 8.15 0.00	100.23 10.82 0.00	100.06 10.08 0.00	93.47 9.03 0.00	81.62 6.46 0.00	69.28 4.77 0.00	59.68 4.22 0.00	53.60 3.60 0.00
PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020	45.38 3.59 0.00	39.99 3.17 0.00	36.68 2.72 0.00	33.90 2.54 0.00	33.42 2.45 0.00	34.81 2.55 0.00	37.52 2.84 0.00	41.17 3.50 0.00	46.77 3.74 0.00	47.15 3.81 0.00	50.02 3.96 0.00	53.01 3.88 0.00	59.40 4.30 0.00	60.05 4.24 0.00	65.80 4.70 0.00	70.81 6.20 0.00	85.02 8.15 0.00	100.23 10.82 0.00	100.06 10.08 0.00	93.47 9.03 0.00	81.62 6.46 0.00	69.28 4.77 0.00	59.68 4.22 0.00	53.60 3.60 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	44.92 3.13 0.00	39.63 2.80 0.00	36.37 2.41 0.00	33.62 2.26 0.00	33.14 2.17 0.00	34.52 2.26 0.00	37.14 2.46 0.00	40.64 2.98 0.00	46.17 3.14 0.00	46.41 3.08 0.00	49.24 3.18 0.00	52.32 3.19 0.00	58.68 3.58 0.00	59.38 3.57 0.00	65.07 3.97 0.00	70.10 5.49 0.00	84.10 7.23 0.00	99.34 9.93 0.00	99.34 9.36 0.00	92.88 8.44 0.00	81.39 6.24 0.00	69.09 4.58 0.00	59.35 3.88 0.00	53.55 3.55 0.00
POLETTI_____ 23519	45.63 3.84 0.00	40.18 3.35 0.00	36.85 2.89 0.00	34.03 2.67 0.00	33.54 2.57 0.00	34.97 2.71 0.00	37.73 3.05 0.00	41.39 3.73 0.00	47.07 4.04 0.00	47.50 4.16 0.00	50.34 4.28 0.00	53.30 4.18 0.00	59.56 4.46 0.00	60.11 4.30 0.00	65.74 4.64 0.00	70.88 6.27 0.00	85.18 8.30 0.00	100.50 11.09 0.00	100.06 10.08 0.00	93.47 9.03 0.00	81.47 6.31 0.00	69.09 4.58 0.00	59.79 4.33 0.00	53.90 3.90 0.00
POMONA___ESR 323819	45.09 3.30 0.00	39.81 2.98 0.00	36.58 2.62 0.00	33.78 2.41 0.00	33.26 2.29 0.00	34.68 2.42 0.00	37.28 2.60 0.00	40.86 3.20 0.00	46.34 3.31 0.00	46.63 3.29 0.00	49.47 3.41 0.00	52.67 3.54 0.00	58.90 3.80 0.00	59.55 3.74 0.00	65.19 4.09 0.00	70.23 5.62 0.00	84.33 7.45 0.00	99.52 10.10 0.00	99.25 9.27 0.00	92.72 8.28 0.00	80.86 5.71 0.00	68.83 4.32 0.00	59.35 3.88 0.00	53.40 3.40 0.00
PORT_JEFF_3 23555	47.47 4.93 -0.75	41.07 4.23 -0.01	37.67 3.70 -0.01	34.59 3.23 0.00	33.88 2.91 0.00	35.33 3.07 0.00	38.25 3.57 0.00	42.15 4.48 -0.01	47.59 4.56 0.00	47.98 4.64 -0.01	50.95 4.88 -0.01	53.80 4.67 0.00	59.40 4.30 0.00	59.72 3.91 0.00	65.99 4.89 0.00	73.96 6.72 -2.63	89.70 8.84 -3.99	146.40 12.07 -44.92	153.12 11.16 -51.99	94.45 9.87 -0.14	81.39 6.23 0.00	69.48 4.97 0.00	60.29 4.55 -0.27	54.05 4.05 0.00
PORT_JEFF_4 23616	47.47 4.93 -0.75	41.07 4.23 -0.01	37.67 3.70 -0.01	34.59 3.23 0.00	33.88 2.91 0.00	35.33 3.07 0.00	38.25 3.57 0.00	42.15 4.48 -0.01	47.59 4.56 0.00	47.98 4.64 -0.01	50.95 4.88 -0.01	53.80 4.67 0.00	59.40 4.30 0.00	59.72 3.91 0.00	65.99 4.89 0.00	73.96 6.72 -2.63	89.70 8.84 -3.99	146.40 12.07 -44.92	153.12 11.16 -51.99	94.45 9.87 -0.14	81.39 6.23 0.00	69.48 4.97 0.00	60.29 4.55 -0.27	54.05 4.05 0.00

PORT_JEFF_IC 23713	47.56 5.01 -0.75	41.14 4.31 0.00	37.66 3.70 0.00	34.65 3.29 0.00	33.94 2.97 0.00	35.39 3.13 0.00	38.32 3.64 0.00	42.22 4.56 0.00	47.93 4.91 0.00	48.41 5.07 0.00	51.36 5.30 0.00	53.41 4.27 0.00	59.62 4.52 0.00	60.22 4.41 0.00	66.29 5.19 0.00	74.12 6.78 -2.73	89.99 8.99 -4.13	166.23 12.07 -64.74	176.43 11.34 -75.11	94.63 10.05 -0.15	81.92 6.76 0.00	69.80 5.29 0.00	60.58 4.83 -0.29	54.35 4.35 0.00
PPL PILGRIM_ST_GT1 24216	47.76 5.22 -0.75	41.36 4.53 -0.01	37.94 3.97 -0.01	34.84 3.48 0.00	34.16 3.19 0.00	35.62 3.35 0.00	38.53 3.85 0.00	42.45 4.78 -0.01	47.93 4.90 0.00	48.28 4.94 -0.01	51.27 5.20 -0.01	54.12 4.96 -0.03	59.98 4.85 -0.03	60.42 4.58 -0.03	66.41 5.31 0.00	75.09 7.36 -3.11	90.78 9.14 -4.76	105.98 12.42 -4.14	105.86 11.61 -4.27	94.80 10.21 -0.15	82.03 6.84 -0.03	70.02 5.48 -0.03	61.10 5.27 -0.36	54.38 4.35 -0.03
PPL PILGRIM_ST_GT2 24217	47.76 5.22 -0.75	41.36 4.53 -0.01	37.94 3.97 -0.01	34.84 3.48 0.00	34.16 3.19 0.00	35.62 3.35 0.00	38.53 3.85 0.00	42.45 4.78 -0.01	47.93 4.90 0.00	48.28 4.94 -0.01	51.27 5.20 -0.01	54.12 4.96 -0.03	59.98 4.85 -0.03	60.42 4.58 -0.03	66.41 5.31 0.00	75.09 7.36 -3.11	90.78 9.14 -4.76	105.98 12.42 -4.14	105.86 11.61 -4.27	94.80 10.21 -0.15	82.03 6.84 -0.03	70.02 5.48 -0.03	61.10 5.27 -0.36	54.38 4.35 -0.03
PPL_SHRM_GT3 24213	47.30 4.76 -0.75	40.89 4.05 -0.01	37.47 3.50 -0.01	34.40 3.04 0.00	33.66 2.69 0.00	35.10 2.84 0.00	38.01 3.33 0.00	41.93 4.25 -0.01	47.29 4.26 0.00	47.68 4.33 -0.01	50.77 4.70 -0.01	53.60 4.47 0.00	59.40 4.30 0.00	59.84 4.02 0.00	66.17 5.07 0.00	74.39 7.11 -2.68	90.46 9.53 -4.06	150.87 12.96 -48.49	158.19 12.06 -56.15	95.30 10.72 -0.14	81.93 6.77 0.00	69.60 5.09 0.00	60.24 4.49 -0.28	53.75 3.75 0.00
PPL_SHRM_GT4 24214	47.30 4.76 -0.75	40.89 4.05 -0.01	37.47 3.50 -0.01	34.40 3.04 0.00	33.66 2.69 0.00	35.10 2.84 0.00	38.01 3.33 0.00	41.93 4.25 -0.01	47.29 4.26 0.00	47.68 4.33 -0.01	50.77 4.70 -0.01	53.60 4.47 0.00	59.40 4.30 0.00	59.84 4.02 0.00	66.17 5.07 0.00	74.39 7.11 -2.68	90.46 9.53 -4.06	150.87 12.96 -48.49	158.19 12.06 -56.15	95.30 10.72 -0.14	81.93 6.77 0.00	69.60 5.09 0.00	60.24 4.49 -0.28	53.75 3.75 0.00
PROJECT___ORANGE 1 24174	41.70 -0.08 0.00	36.72 -0.11 0.00	33.86 -0.10 0.00	31.24 -0.13 0.00	30.85 -0.12 0.00	32.20 -0.06 0.00	34.47 -0.21 0.00	37.47 -0.19 0.00	42.77 -0.26 0.00	43.21 -0.13 0.00	46.06 0.00 0.00	49.32 0.20 0.00	55.60 0.50 0.00	56.48 0.67 0.00	61.71 0.61 0.00	65.26 0.65 0.00	78.03 1.15 0.00	91.11 1.70 0.00	91.78 1.80 0.00	86.13 1.69 0.00	76.13 0.98 0.00	65.47 0.97 0.00	55.86 0.39 0.00	50.15 0.15 0.00
PROJECT___ORANGE 2 24166	41.70 -0.08 0.00	36.72 -0.11 0.00	33.86 -0.10 0.00	31.24 -0.13 0.00	30.85 -0.12 0.00	32.20 -0.06 0.00	34.47 -0.21 0.00	37.47 -0.19 0.00	42.77 -0.26 0.00	43.21 -0.13 0.00	46.06 0.00 0.00	49.32 0.20 0.00	55.60 0.50 0.00	56.48 0.67 0.00	61.71 0.61 0.00	65.26 0.65 0.00	78.03 1.15 0.00	91.11 1.70 0.00	91.78 1.80 0.00	86.13 1.69 0.00	76.13 0.98 0.00	65.47 0.97 0.00	55.86 0.39 0.00	50.15 0.15 0.00
PUCKETT___SOLAR 323809	43.21 1.42 0.00	38.08 1.25 0.00	35.15 1.19 0.00	32.39 1.03 0.00	32.02 1.05 0.00	33.45 1.19 0.00	35.65 0.97 0.00	38.60 0.94 0.00	43.93 0.91 0.00	44.25 0.91 0.00	47.16 1.10 0.00	50.36 1.23 0.00	56.75 1.65 0.00	57.76 1.95 0.00	63.11 2.01 0.00	66.93 2.32 0.00	80.25 3.38 0.00	94.15 4.74 0.00	95.29 5.31 0.00	89.59 5.15 0.00	78.99 3.83 0.00	68.05 3.55 0.00	57.91 2.44 0.00	51.95 1.95 0.00
PYRITES___HYD 24023	42.29 0.50 0.00	37.19 0.37 0.00	34.37 0.41 0.00	31.71 0.34 0.00	31.43 0.46 0.00	32.65 0.39 0.00	35.23 0.55 0.00	38.11 0.45 0.00	43.85 0.82 0.00	43.86 0.52 0.00	46.57 0.51 0.00	49.52 0.39 0.00	55.37 0.28 0.00	56.03 0.22 0.00	61.28 0.18 0.00	63.64 -0.97 0.00	75.26 -1.61 0.00	77.25 -3.49 8.68	77.80 -2.70 9.48	78.25 -1.69 4.50	75.38 0.23 0.00	65.09 0.58 0.00	56.58 1.11 0.00	51.30 1.30 0.00
QUAKERRD_115KV_BK1 80622	41.16 -0.63 0.00	36.27 -0.55 0.00	33.49 -0.48 0.00	30.89 -0.47 0.00	30.44 -0.53 0.00	31.81 -0.45 0.00	33.78 -0.90 0.00	36.50 -1.17 0.00	41.69 -1.33 0.00	42.56 -0.78 0.00	45.55 -0.51 0.00	49.03 -0.10 0.00	55.93 0.83 0.00	57.15 1.34 0.00	62.26 1.16 0.00	65.32 0.71 0.00	78.33 1.46 0.00	91.38 1.97 0.00	91.60 1.62 0.00	86.21 1.77 0.00	75.76 0.60 0.00	65.54 1.03 0.00	55.63 0.17 0.00	49.85 -0.15 0.00
QUENSBRY_115KV_TB8 356137	43.88 2.09 0.00	38.59 1.77 0.00	35.46 1.49 0.00	32.68 1.32 0.00	32.30 1.33 0.00	33.71 1.45 0.00	36.28 1.60 0.00	39.28 1.62 0.00	44.45 1.42 0.00	44.51 1.17 0.00	46.75 0.69 0.00	49.86 0.74 0.00	55.32 0.22 0.00	56.26 0.45 0.00	61.65 0.55 0.00	66.48 1.87 0.00	79.72 2.84 0.00	94.42 5.01 0.00	96.55 6.57 0.00	90.26 5.83 0.00	82.63 4.96 -2.51	68.38 3.87 0.00	58.08 2.61 0.00	52.40 2.40 0.00
RAMAPO___LBMP 323565	44.88 3.09 0.00	39.63 2.80 0.00	36.37 2.41 0.00	33.65 2.29 0.00	33.17 2.20 0.00	34.55 2.29 0.00	37.14 2.46 0.00	40.68 3.01 0.00	46.21 3.18 0.00	46.54 3.21 0.00	49.42 3.36 0.00	52.37 3.24 0.00	58.63 3.53 0.00	59.22 3.40 0.00	64.89 3.79 0.00	69.78 5.17 0.00	83.79 6.92 0.00	98.80 9.39 0.00	98.71 8.73 0.00	92.21 7.77 0.00	80.57 5.41 0.00	68.51 4.00 0.00	59.07 3.61 0.00	53.25 3.25 0.00
RANKINE____ 23646	42.04 0.25 0.00	37.12 0.29 0.00	34.17 0.20 0.00	31.64 0.28 0.00	31.13 0.15 0.00	32.62 0.35 0.00	34.16 -0.52 0.00	36.50 -1.17 0.00	41.65 -1.38 0.00	42.86 -0.48 0.00	45.97 -0.09 0.00	49.62 0.49 0.00	57.08 1.98 0.00	58.88 3.07 0.00	63.79 2.69 0.00	66.23 1.62 0.00	79.56 2.69 0.00	92.72 3.31 0.00	93.04 3.06 0.00	87.56 3.12 0.00	76.43 1.28 0.00	66.44 1.94 0.00	56.41 0.94 0.00	50.75 0.75 0.00
RAVENSWOOD_GT2_1 24244	45.59 3.80 0.00	40.18 3.35 0.00	36.85 2.89 0.00	34.03 2.67 0.00	33.54 2.57 0.00	34.97 2.71 0.00	37.73 3.05 0.00	41.43 3.77 0.00	47.07 4.04 0.00	47.50 4.16 0.00	50.39 4.33 0.00	53.35 4.22 0.00	59.62 4.52 0.00	60.16 4.35 0.00	65.80 4.70 0.00	70.94 6.33 0.00	85.18 8.30 0.00	100.59 11.18 0.00	100.15 10.17 0.00	93.56 9.12 0.00	81.54 6.39 0.00	69.21 4.71 0.00	59.79 4.33 0.00	53.90 3.90 0.00
RAVENSWOOD_GT2_2 24245	45.59 3.80 0.00	40.18 3.35 0.00	36.85 2.89 0.00	34.03 2.67 0.00	33.54 2.57 0.00	34.97 2.71 0.00	37.73 3.05 0.00	41.43 3.77 0.00	47.07 4.04 0.00	47.50 4.16 0.00	50.39 4.33 0.00	53.35 4.22 0.00	59.62 4.52 0.00	60.16 4.35 0.00	65.80 4.70 0.00	70.94 6.33 0.00	85.18 8.30 0.00	100.59 11.18 0.00	100.15 10.17 0.00	93.56 9.12 0.00	81.54 6.39 0.00	69.21 4.71 0.00	59.79 4.33 0.00	53.90 3.90 0.00

RAVENSWOOD_GT2_3 24246	45.63 3.84 0.00	40.21 3.39 0.00	36.85 2.89 0.00	34.06 2.70 0.00	33.54 2.57 0.00	34.97 2.71 0.00	37.77 3.09 0.00	41.43 3.77 0.00	47.12 4.09 0.00	47.54 4.20 0.00	50.39 4.33 0.00	53.35 4.22 0.00	59.67 4.57 0.00	60.22 4.41 0.00	65.86 4.77 0.00	71.01 6.40 0.00	85.25 8.38 0.00	100.59 11.18 0.00	100.24 10.26 0.00	93.64 9.20 0.00	81.62 6.46 0.00	69.28 4.77 0.00	59.85 4.38 0.00	53.95 3.95 0.00
RAVENSWOOD_GT2_4 24247	45.63 3.84 0.00	40.21 3.39 0.00	36.85 2.89 0.00	34.06 2.70 0.00	33.54 2.57 0.00	34.97 2.71 0.00	37.77 3.09 0.00	41.43 3.77 0.00	47.12 4.09 0.00	47.54 4.20 0.00	50.39 4.33 0.00	53.35 4.22 0.00	59.67 4.57 0.00	60.22 4.41 0.00	65.86 4.77 0.00	71.01 6.40 0.00	85.25 8.38 0.00	100.59 11.18 0.00	100.24 10.26 0.00	93.64 9.20 0.00	81.62 6.46 0.00	69.28 4.77 0.00	59.85 4.38 0.00	53.95 3.95 0.00
RAVENSWOOD_GT3_1 24248	45.63 3.84 0.00	40.18 3.35 0.00	36.82 2.85 0.00	34.03 2.67 0.00	33.54 2.57 0.00	34.97 2.71 0.00	37.73 3.05 0.00	41.39 3.73 0.00	47.07 4.04 0.00	47.50 4.16 0.00	50.34 4.28 0.00	53.35 4.22 0.00	59.62 4.52 0.00	60.16 4.35 0.00	65.86 4.77 0.00	70.94 6.33 0.00	85.25 8.38 0.00	100.59 11.18 0.00	100.15 10.17 0.00	93.56 9.12 0.00	81.62 6.46 0.00	69.21 4.71 0.00	59.85 4.38 0.00	53.90 3.90 0.00
RAVENSWOOD_GT3_2 24249	45.63 3.84 0.00	40.18 3.35 0.00	36.82 2.85 0.00	34.03 2.67 0.00	33.54 2.57 0.00	34.97 2.71 0.00	37.73 3.05 0.00	41.39 3.73 0.00	47.07 4.04 0.00	47.50 4.16 0.00	50.34 4.28 0.00	53.35 4.22 0.00	59.62 4.52 0.00	60.16 4.35 0.00	65.86 4.77 0.00	70.94 6.33 0.00	85.25 8.38 0.00	100.59 11.18 0.00	100.15 10.17 0.00	93.56 9.12 0.00	81.62 6.46 0.00	69.21 4.71 0.00	59.85 4.38 0.00	53.90 3.90 0.00
RAVENSWOOD_GT3_3 24250	45.72 3.93 0.00	40.25 3.42 0.00	36.88 2.92 0.00	34.09 2.73 0.00	33.57 2.60 0.00	35.00 2.74 0.00	37.80 3.12 0.00	41.47 3.80 0.00	47.16 4.13 0.00	47.58 4.25 0.00	50.44 4.38 0.00	53.45 4.32 0.00	59.73 4.63 0.00	60.28 4.46 0.00	65.99 4.89 0.00	71.14 6.53 0.00	85.41 8.53 0.00	100.77 11.36 0.00	100.42 10.44 0.00	93.81 9.37 0.00	81.77 6.61 0.00	69.34 4.84 0.00	59.96 4.49 0.00	54.00 4.00 0.00
RAVENSWOOD_GT3_4 24251	45.72 3.93 0.00	40.25 3.42 0.00	36.88 2.92 0.00	34.09 2.73 0.00	33.57 2.60 0.00	35.00 2.74 0.00	37.80 3.12 0.00	41.47 3.80 0.00	47.16 4.13 0.00	47.58 4.25 0.00	50.44 4.38 0.00	53.45 4.32 0.00	59.73 4.63 0.00	60.28 4.46 0.00	65.99 4.89 0.00	71.14 6.53 0.00	85.41 8.53 0.00	100.77 11.36 0.00	100.42 10.44 0.00	93.81 9.37 0.00	81.77 6.61 0.00	69.34 4.84 0.00	59.96 4.49 0.00	54.00 4.00 0.00
RAVENSWOOD_GT_1 23729	45.81 4.01 -0.01	40.29 3.46 0.00	37.02 3.06 0.00	34.21 2.85 0.00	33.70 2.73 0.00	35.03 2.77 0.00	37.91 3.23 0.00	41.62 3.95 0.00	47.33 4.30 0.00	47.76 4.42 0.00	50.62 4.56 0.00	53.60 4.47 0.00	59.67 4.57 0.00	60.33 4.52 0.00	65.50 4.40 0.00	70.62 6.01 0.00	84.87 7.99 0.00	100.23 10.82 0.00	99.61 9.63 0.00	93.13 8.70 0.00	81.17 6.01 0.00	68.89 4.39 0.00	59.79 4.33 0.00	53.95 3.95 0.00
RAVENSWOOD_GT_10 24258	45.59 3.80 0.00	40.18 3.35 0.00	36.85 2.89 0.00	34.03 2.67 0.00	33.54 2.57 0.00	34.97 2.71 0.00	37.73 3.05 0.00	41.43 3.77 0.00	47.07 4.04 0.00	47.50 4.16 0.00	50.39 4.33 0.00	53.35 4.22 0.00	59.62 4.52 0.00	60.16 4.35 0.00	65.80 4.70 0.00	70.94 6.33 0.00	85.18 8.30 0.00	100.59 11.18 0.00	100.15 10.17 0.00	93.56 9.12 0.00	81.62 6.46 0.00	69.21 4.71 0.00	59.85 4.38 0.00	53.90 3.90 0.00
RAVENSWOOD_GT_11 24259	45.59 3.80 0.00	40.18 3.35 0.00	36.85 2.89 0.00	34.03 2.67 0.00	33.54 2.57 0.00	34.97 2.71 0.00	37.73 3.05 0.00	41.43 3.77 0.00	47.07 4.04 0.00	47.50 4.16 0.00	50.39 4.33 0.00	53.35 4.22 0.00	59.62 4.52 0.00	60.16 4.35 0.00	65.80 4.70 0.00	70.94 6.33 0.00	85.18 8.30 0.00	100.59 11.18 0.00	100.15 10.17 0.00	93.56 9.12 0.00	81.62 6.46 0.00	69.21 4.71 0.00	59.85 4.38 0.00	53.90 3.90 0.00
RAVENSWOOD_GT_4 24252	45.60 3.80 -0.01	40.14 3.31 0.00	36.82 2.85 0.00	34.03 2.67 0.00	33.54 2.57 0.00	34.97 2.71 0.00	37.73 3.05 0.00	41.39 3.73 0.00	47.07 4.04 0.00	47.50 4.16 0.00	50.34 4.28 0.00	53.35 4.22 0.00	59.62 4.52 0.00	60.16 4.35 0.00	65.86 4.77 0.00	70.94 6.33 0.00	85.25 8.38 0.00	100.59 11.18 0.00	100.24 10.26 0.00	93.64 9.20 0.00	81.62 6.46 0.00	69.21 4.71 0.00	59.85 4.38 0.00	53.90 3.90 0.00
RAVENSWOOD_GT_5 24254	45.60 3.80 -0.01	40.14 3.31 0.00	36.82 2.85 0.00	34.03 2.67 0.00	33.54 2.57 0.00	34.97 2.71 0.00	37.73 3.05 0.00	41.39 3.73 0.00	47.07 4.04 0.00	47.50 4.16 0.00	50.34 4.28 0.00	53.35 4.22 0.00	59.62 4.52 0.00	60.16 4.35 0.00	65.86 4.77 0.00	70.94 6.33 0.00	85.25 8.38 0.00	100.59 11.18 0.00	100.24 10.26 0.00	93.64 9.20 0.00	81.62 6.46 0.00	69.21 4.71 0.00	59.85 4.38 0.00	53.90 3.90 0.00
RAVENSWOOD_GT_6 24253	45.60 3.80 -0.01	40.14 3.31 0.00	36.82 2.85 0.00	34.03 2.67 0.00	33.54 2.57 0.00	34.97 2.71 0.00	37.73 3.05 0.00	41.39 3.73 0.00	47.07 4.04 0.00	47.50 4.16 0.00	50.34 4.28 0.00	53.35 4.22 0.00	59.62 4.52 0.00	60.16 4.35 0.00	65.86 4.77 0.00	70.94 6.33 0.00	85.25 8.38 0.00	100.59 11.18 0.00	100.24 10.26 0.00	93.64 9.20 0.00	81.62 6.46 0.00	69.21 4.71 0.00	59.85 4.38 0.00	53.90 3.90 0.00
RAVENSWOOD_GT_7 24255	45.60 3.80 -0.01	40.14 3.31 0.00	36.82 2.85 0.00	34.03 2.67 0.00	33.54 2.57 0.00	34.97 2.71 0.00	37.73 3.05 0.00	41.39 3.73 0.00	47.07 4.04 0.00	47.50 4.16 0.00	50.34 4.28 0.00	53.35 4.22 0.00	59.62 4.52 0.00	60.16 4.35 0.00	65.86 4.77 0.00	70.94 6.33 0.00	85.25 8.38 0.00	100.59 11.18 0.00	100.24 10.26 0.00	93.64 9.20 0.00	81.62 6.46 0.00	69.21 4.71 0.00	59.85 4.38 0.00	53.90 3.90 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	45.59 3.80 0.00	40.18 3.35 0.00	36.85 2.89 0.00	34.03 2.67 0.00	33.54 2.57 0.00	34.97 2.71 0.00	37.73 3.05 0.00	41.43 3.77 0.00	47.07 4.04 0.00	47.50 4.16 0.00	50.39 4.33 0.00	53.35 4.22 0.00	59.62 4.52 0.00	60.16 4.35 0.00	65.80 4.70 0.00	70.94 6.33 0.00	85.18 8.30 0.00	100.59 11.18 0.00	100.15 10.17 0.00	93.56 9.12 0.00	81.62 6.46 0.00	69.21 4.71 0.00	59.85 4.38 0.00	53.90 3.90 0.00
RAVENSWOOD_GT_9 24257	45.59 3.80 0.00	40.18 3.35 0.00	36.85 2.89 0.00	34.03 2.67 0.00	33.54 2.57 0.00	34.97 2.71 0.00	37.73 3.05 0.00	41.43 3.77 0.00	47.07 4.04 0.00	47.50 4.16 0.00	50.39 4.33 0.00	53.35 4.22 0.00	59.62 4.52 0.00	60.16 4.35 0.00	65.80 4.70 0.00	70.94 6.33 0.00	85.18 8.30 0.00	100.59 11.18 0.00	100.15 10.17 0.00	93.56 9.12 0.00	81.62 6.46 0.00	69.21 4.71 0.00	59.85 4.38 0.00	53.90 3.90 0.00

RAVENSWOOD___1 23533	45.81 4.01 -0.01	40.29 3.46 0.00	37.09 3.12 -0.01	34.21 2.85 0.00	33.70 2.73 0.00	35.04 2.77 0.00	37.91 3.23 -0.01	41.62 3.95 -0.01	47.30 4.26 -0.01	47.64 4.29 -0.01	50.45 4.38 -0.01	53.65 4.52 0.00	59.67 4.57 0.00	60.33 4.52 0.00	65.49 4.40 0.01	70.61 6.01 0.01	84.87 7.99 0.00	100.32 10.90 0.00	99.69 9.72 0.01	93.13 8.70 0.01	81.01 5.87 0.01	68.82 4.32 0.01	59.80 4.33 0.00	53.95 3.95 0.00
RAVENSWOOD___2 23534	45.81 4.01 -0.01	40.29 3.46 0.00	37.09 3.12 -0.01	34.21 2.85 0.00	33.70 2.73 0.00	35.04 2.77 0.00	37.91 3.23 -0.01	41.62 3.95 -0.01	47.30 4.26 -0.01	47.64 4.29 -0.01	50.45 4.38 -0.01	53.65 4.52 0.00	59.67 4.57 0.00	60.33 4.52 0.00	65.49 4.40 0.01	70.61 6.01 0.01	84.87 7.99 0.00	100.32 10.90 0.00	99.69 9.72 0.01	93.13 8.70 0.01	81.01 5.87 0.01	68.82 4.32 0.01	59.80 4.33 0.00	53.95 3.95 0.00
RAVENSWOOD___3 23535	45.63 3.84 0.00	40.18 3.35 0.00	36.92 2.95 0.00	34.03 2.66 0.00	33.54 2.57 0.00	34.97 2.71 0.00	37.70 3.02 0.00	41.43 3.77 0.00	47.07 4.04 0.00	47.41 4.07 0.00	50.21 4.15 0.00	53.40 4.27 0.00	59.62 4.52 0.00	60.17 4.36 0.00	65.80 4.70 0.00	70.95 6.34 0.00	85.18 8.30 0.00	100.68 11.27 0.00	100.14 10.16 0.00	93.56 9.12 0.00	81.47 6.31 0.00	69.15 4.65 0.00	59.80 4.33 0.00	53.85 3.85 0.00
RAVENSWOOD___4 23820	45.81 4.01 -0.01	40.29 3.46 0.00	37.09 3.12 -0.01	34.21 2.85 0.00	33.70 2.73 0.00	35.04 2.77 0.00	37.91 3.23 -0.01	41.62 3.95 -0.01	47.30 4.26 -0.01	47.64 4.29 -0.01	50.45 4.38 -0.01	53.65 4.52 0.00	59.67 4.57 0.00	60.33 4.52 0.00	65.49 4.40 0.01	70.61 6.01 0.01	84.87 7.99 0.00	100.32 10.90 0.00	99.69 9.72 0.01	93.13 8.70 0.01	81.01 5.87 0.01	68.82 4.32 0.01	59.80 4.33 0.00	53.95 3.95 0.00
RCPL_TRUST___DRP 24196	45.63 3.84 0.00	40.18 3.35 0.00	36.85 2.89 0.00	34.06 2.70 0.00	33.54 2.57 0.00	35.00 2.74 0.00	37.77 3.09 0.00	41.47 3.80 0.00	47.16 4.13 0.00	47.58 4.25 0.00	50.44 4.38 0.00	53.40 4.27 0.00	59.73 4.63 0.00	60.28 4.46 0.00	65.99 4.89 0.00	71.14 6.53 0.00	85.41 8.53 0.00	100.86 11.45 0.00	100.42 10.44 0.00	93.81 9.37 0.00	81.69 6.54 0.00	69.34 4.84 0.00	59.91 4.44 0.00	53.95 3.95 0.00
RED___ROCHESTER 323720	42.42 0.63 0.00	37.38 0.55 0.00	34.61 0.64 0.00	31.80 0.44 0.00	31.34 0.37 0.00	32.74 0.48 0.00	34.71 0.03 0.00	37.44 -0.22 0.00	42.81 -0.21 0.00	43.99 0.65 0.00	47.40 1.34 0.00	50.60 1.47 0.00	57.96 2.86 0.00	59.27 3.46 0.00	64.64 3.54 0.00	67.97 3.36 0.00	81.18 4.30 0.00	94.42 5.00 0.00	94.74 4.77 0.00	89.16 4.73 0.00	78.54 3.39 0.00	67.92 3.42 0.00	57.52 2.05 0.00	51.45 1.45 0.00
REGAN___SOLAR 323812	45.22 3.43 0.00	39.74 2.91 0.00	36.51 2.55 0.00	33.68 2.32 0.00	33.32 2.35 0.00	34.78 2.52 0.00	37.25 2.57 0.00	40.15 2.49 0.00	45.44 2.41 0.00	45.29 1.95 0.00	47.99 1.93 0.00	51.19 2.06 0.00	57.08 1.98 0.00	57.99 2.17 0.00	63.54 2.45 0.00	68.03 3.42 0.00	81.80 4.92 0.00	96.75 7.33 0.00	98.43 8.46 0.00	92.80 8.36 0.00	82.89 7.14 -0.59	70.57 6.06 0.00	60.02 4.55 0.00	54.05 4.05 0.00
RENSSELAER___COGEN 23796	42.62 0.84 0.00	37.67 0.85 0.00	34.74 0.78 0.00	32.17 0.81 0.00	31.71 0.74 0.00	33.00 0.74 0.00	35.41 0.73 0.00	38.38 0.71 0.00	43.67 0.65 0.00	43.82 0.48 0.00	46.25 0.18 0.00	49.22 0.10 0.00	55.04 -0.06 0.00	55.42 -0.39 0.00	60.61 -0.49 0.00	64.80 0.19 0.00	77.49 0.61 0.00	91.03 1.61 0.00	91.41 1.44 0.00	85.53 1.09 0.00	73.26 0.30 2.19	64.57 0.06 0.00	55.41 -0.06 0.00	50.05 0.05 0.00
REPUBLIC_115KV_BARTNBRK 55605	44.63 2.84 0.00	39.04 2.21 0.00	35.80 1.83 0.00	32.90 1.54 0.00	32.58 1.61 0.00	34.07 1.81 0.00	36.73 2.05 0.00	39.66 2.00 0.00	44.79 1.76 0.00	44.72 1.39 0.00	46.94 0.88 0.00	50.16 1.03 0.00	55.21 0.11 0.00	56.31 0.50 0.00	61.71 0.61 0.00	67.19 2.58 0.00	80.87 4.00 0.00	96.75 7.33 0.00	99.79 9.81 0.00	93.30 8.87 0.00	85.41 7.74 -2.51	70.50 6.00 0.00	59.30 3.83 0.00	53.55 3.55 0.00
REVERE_CPPR_DRP 24186	43.38 1.59 0.00	38.19 1.36 0.00	35.22 1.26 0.00	32.46 1.10 0.00	32.18 1.21 0.00	33.62 1.35 0.00	35.93 1.25 0.00	39.06 1.39 0.00	44.58 1.55 0.00	44.64 1.30 0.00	47.58 1.52 0.00	50.94 1.82 0.00	57.25 2.15 0.00	58.21 2.40 0.00	63.60 2.51 0.00	67.39 2.78 0.00	80.56 3.69 0.00	95.13 5.19 -0.53	96.59 6.03 -0.58	90.62 5.91 -0.28	79.74 4.58 0.00	68.57 4.06 0.00	58.41 2.94 0.00	52.25 2.25 0.00
REYNLDPA_13_KV_LD 356490	41.41 -0.38 0.00	36.42 -0.41 0.00	33.66 -0.31 0.00	31.08 -0.28 0.00	30.72 -0.25 0.00	31.87 -0.39 0.00	34.47 -0.21 0.00	37.40 -0.26 0.00	43.03 0.00 0.00	43.25 -0.09 0.00	45.92 -0.14 0.00	48.88 -0.25 0.00	54.82 -0.28 0.00	55.42 -0.39 0.00	60.79 -0.31 0.00	63.83 -0.78 0.00	75.49 -1.38 0.00	86.15 -2.77 0.49	86.83 -2.61 0.54	81.99 -2.20 0.26	74.10 -1.05 0.00	63.60 -0.90 0.00	55.14 -0.33 0.00	49.85 -0.15 0.00
REYNOLDS_115KV_TB3 80639	42.92 1.13 0.00	37.93 1.10 0.00	34.98 1.02 0.00	32.33 0.97 0.00	31.90 0.93 0.00	33.20 0.94 0.00	35.65 0.97 0.00	38.60 0.94 0.00	43.93 0.90 0.00	44.12 0.78 0.00	46.71 0.64 0.00	49.67 0.54 0.00	55.48 0.39 0.00	56.03 0.22 0.00	61.34 0.24 0.00	65.58 0.97 0.00	78.33 1.46 0.00	92.01 2.59 0.00	92.50 2.52 0.00	86.55 2.11 0.00	73.51 1.20 2.85	65.28 0.77 0.00	56.02 0.55 0.00	50.60 0.60 0.00
RIVERBAY____ 323610	46.48 4.68 -0.01	40.77 3.94 0.00	37.46 3.50 0.00	34.53 3.17 0.00	34.01 3.04 0.00	35.36 3.10 0.00	38.29 3.61 0.00	41.96 4.29 0.00	47.72 4.69 0.00	48.10 4.77 0.00	51.04 4.97 0.00	54.09 4.96 0.00	60.11 5.01 0.00	60.83 5.02 0.00	66.11 5.01 0.00	71.52 6.91 0.00	86.02 9.15 0.00	101.67 12.25 0.00	101.23 11.25 0.00	94.65 10.22 0.00	82.45 7.29 0.00	69.92 5.42 0.00	60.57 5.10 0.00	54.75 4.75 0.00
RIVERSDE_115KV_TB3 55908	42.83 1.04 0.00	37.82 0.99 0.00	34.91 0.95 0.00	32.27 0.91 0.00	31.84 0.87 0.00	33.13 0.87 0.00	35.55 0.87 0.00	38.53 0.87 0.00	43.85 0.82 0.00	44.03 0.69 0.00	46.66 0.60 0.00	49.57 0.44 0.00	55.37 0.28 0.00	55.87 0.06 0.00	61.16 0.06 0.00	65.45 0.84 0.00	78.18 1.31 0.00	91.83 2.41 0.00	92.23 2.25 0.00	86.30 1.86 0.00	73.82 1.05 2.38	65.15 0.65 0.00	55.86 0.39 0.00	50.45 0.45 0.00
ROARING___BROOK_WT_PWR 323790	41.66 -0.12 0.00	36.72 -0.11 0.00	33.86 -0.10 0.00	31.27 -0.09 0.00	30.85 -0.12 0.00	32.10 -0.16 0.00	34.54 -0.14 0.00	37.48 -0.19 0.00	42.90 -0.13 0.00	43.21 -0.13 0.00	45.92 -0.14 0.00	48.98 -0.15 0.00	54.93 -0.16 0.00	55.59 -0.22 0.00	60.85 -0.24 0.00	64.29 -0.32 0.00	76.41 -0.46 0.00	88.70 -0.72 0.00	89.26 -0.72 0.00	83.76 -0.68 0.00	74.48 -0.68 0.00	63.67 -0.84 0.00	54.69 -0.78 0.00	49.20 -0.80 0.00

ROCHESRG_115KV_T4 355643	41.91 0.13 0.00	36.97 0.15 0.00	34.10 0.14 0.00	31.49 0.13 0.00	31.00 0.03 0.00	32.42 0.16 0.00	34.33 -0.35 0.00	36.99 -0.68 0.00	42.21 -0.82 0.00	43.16 -0.17 0.00	46.24 0.18 0.00	49.81 0.69 0.00	56.92 1.82 0.00	58.27 2.46 0.00	63.42 2.32 0.00	66.35 1.74 0.00	79.64 2.77 0.00	92.90 3.49 0.00	93.13 3.15 0.00	87.65 3.21 0.00	76.88 1.73 0.00	66.63 2.13 0.00	56.58 1.11 0.00	50.75 0.75 0.00
ROCHESTER_9_IC 23652	42.16 0.38 0.00	37.19 0.37 0.00	34.30 0.34 0.00	31.64 0.28 0.00	31.19 0.22 0.00	32.58 0.32 0.00	34.54 -0.14 0.00	37.25 -0.41 0.00	42.51 -0.52 0.00	43.51 0.17 0.00	46.61 0.55 0.00	50.26 1.13 0.00	57.47 2.37 0.00	58.82 3.01 0.00	64.09 2.99 0.00	67.07 2.46 0.00	80.41 3.54 0.00	93.80 4.38 0.00	93.94 3.96 0.00	88.49 4.05 0.00	77.64 2.48 0.00	67.28 2.77 0.00	57.02 1.55 0.00	51.10 1.10 0.00
ROCKVIEW_13_KV_LD 356306	45.59 3.80 0.00	40.18 3.35 0.00	36.85 2.89 0.00	34.06 2.70 0.00	33.54 2.57 0.00	34.97 2.71 0.00	37.70 3.02 0.00	41.39 3.73 0.00	47.03 4.00 0.00	47.41 4.07 0.00	50.34 4.28 0.00	53.30 4.18 0.00	59.78 4.68 0.00	60.39 4.58 0.00	66.17 5.07 0.00	71.26 6.65 0.00	85.64 8.76 0.00	100.95 11.53 0.00	100.69 10.71 0.00	94.15 9.71 0.00	82.14 6.99 0.00	69.67 5.16 0.00	60.02 4.55 0.00	53.95 3.95 0.00
ROME____115KV_TB2 80656	43.38 1.59 0.00	38.19 1.36 0.00	35.22 1.26 0.00	32.46 1.10 0.00	32.18 1.21 0.00	33.62 1.35 0.00	35.93 1.25 0.00	39.06 1.39 0.00	44.58 1.55 0.00	44.64 1.30 0.00	47.58 1.52 0.00	50.94 1.82 0.00	57.25 2.15 0.00	58.21 2.40 0.00	63.60 2.51 0.00	67.39 2.78 0.00	80.56 3.69 0.00	95.13 5.19 -0.53	96.59 6.03 -0.58	90.62 5.91 -0.28	79.74 4.58 0.00	68.57 4.06 0.00	58.41 2.94 0.00	52.25 2.25 0.00
ROSETON___1 23587	44.59 2.80 0.00	39.33 2.51 0.00	36.17 2.21 0.00	33.40 2.04 0.00	32.92 1.95 0.00	34.29 2.03 0.00	36.90 2.22 0.00	40.34 2.67 0.00	45.82 2.80 0.00	46.03 2.69 0.00	48.78 2.72 0.00	51.93 2.80 0.00	58.07 2.97 0.00	58.66 2.84 0.00	64.21 3.11 0.00	69.01 4.40 0.00	82.71 5.84 0.00	97.64 8.22 0.00	97.54 7.56 0.00	91.11 6.67 0.00	79.74 4.59 0.00	67.92 3.42 0.00	58.46 2.99 0.00	52.85 2.85 0.00
ROSETON___2 23588	44.59 2.80 0.00	39.33 2.51 0.00	36.17 2.21 0.00	33.40 2.04 0.00	32.92 1.95 0.00	34.29 2.03 0.00	36.90 2.22 0.00	40.34 2.67 0.00	45.82 2.80 0.00	46.03 2.69 0.00	48.78 2.72 0.00	51.93 2.80 0.00	58.07 2.97 0.00	58.66 2.84 0.00	64.21 3.11 0.00	69.01 4.40 0.00	82.71 5.84 0.00	97.64 8.22 0.00	97.54 7.56 0.00	91.11 6.67 0.00	79.74 4.59 0.00	67.92 3.42 0.00	58.46 2.99 0.00	52.85 2.85 0.00
ROTTRDAM_115KV_TB3 80664	43.29 1.50 0.00	38.15 1.33 0.00	35.15 1.19 0.00	32.46 1.10 0.00	32.05 1.08 0.00	33.39 1.13 0.00	35.82 1.14 0.00	38.91 1.24 0.00	44.23 1.20 0.00	44.42 1.08 0.00	47.07 1.01 0.00	50.16 1.03 0.00	56.09 0.99 0.00	56.87 1.06 0.00	62.26 1.16 0.00	66.48 1.87 0.00	79.41 2.54 0.00	93.26 3.84 0.00	93.94 3.96 0.00	88.07 3.63 0.00	78.59 2.78 -0.65	66.70 2.19 0.00	57.19 1.72 0.00	51.60 1.60 0.00
RUSSELL___1 23602	42.42 0.63 0.00	37.38 0.55 0.00	34.47 0.51 0.00	31.80 0.44 0.00	31.34 0.37 0.00	32.74 0.48 0.00	34.68 0.00 0.00	37.44 -0.23 0.00	42.73 -0.30 0.00	43.77 0.43 0.00	46.94 0.88 0.00	50.60 1.47 0.00	57.96 2.87 0.00	59.33 3.52 0.00	64.64 3.54 0.00	67.65 3.04 0.00	81.18 4.30 0.00	94.60 5.19 0.00	94.75 4.77 0.00	89.17 4.73 0.00	78.24 3.08 0.00	67.86 3.35 0.00	57.47 2.00 0.00	51.45 1.45 0.00
RUSSELL___2 23532	42.42 0.63 0.00	37.38 0.55 0.00	34.47 0.51 0.00	31.80 0.44 0.00	31.34 0.37 0.00	32.74 0.48 0.00	34.68 0.00 0.00	37.44 -0.23 0.00	42.73 -0.30 0.00	43.77 0.43 0.00	46.94 0.88 0.00	50.60 1.47 0.00	57.96 2.87 0.00	59.33 3.52 0.00	64.64 3.54 0.00	67.65 3.04 0.00	81.18 4.30 0.00	94.60 5.19 0.00	94.75 4.77 0.00	89.17 4.73 0.00	78.24 3.08 0.00	67.86 3.35 0.00	57.47 2.00 0.00	51.45 1.45 0.00
RUSSELL___3 23549	42.42 0.63 0.00	37.38 0.55 0.00	34.47 0.51 0.00	31.80 0.44 0.00	31.34 0.37 0.00	32.74 0.48 0.00	34.68 0.00 0.00	37.44 -0.23 0.00	42.73 -0.30 0.00	43.77 0.43 0.00	46.94 0.88 0.00	50.60 1.47 0.00	57.96 2.87 0.00	59.33 3.52 0.00	64.64 3.54 0.00	67.65 3.04 0.00	81.18 4.30 0.00	94.60 5.19 0.00	94.75 4.77 0.00	89.17 4.73 0.00	78.24 3.08 0.00	67.86 3.35 0.00	57.47 2.00 0.00	51.45 1.45 0.00
RUSSELL___4 23556	42.42 0.63 0.00	37.38 0.55 0.00	34.47 0.51 0.00	31.80 0.44 0.00	31.34 0.37 0.00	32.74 0.48 0.00	34.68 0.00 0.00	37.44 -0.23 0.00	42.73 -0.30 0.00	43.77 0.43 0.00	46.94 0.88 0.00	50.60 1.47 0.00	57.96 2.87 0.00	59.33 3.52 0.00	64.64 3.54 0.00	67.65 3.04 0.00	81.18 4.30 0.00	94.60 5.19 0.00	94.75 4.77 0.00	89.17 4.73 0.00	78.24 3.08 0.00	67.86 3.35 0.00	57.47 2.00 0.00	51.45 1.45 0.00
RUSSELL___STATION 23914	42.42 0.63 0.00	37.38 0.55 0.00	34.47 0.51 0.00	31.80 0.44 0.00	31.34 0.37 0.00	32.74 0.48 0.00	34.68 0.00 0.00	37.44 -0.23 0.00	42.73 -0.30 0.00	43.77 0.43 0.00	46.94 0.88 0.00	50.60 1.47 0.00	57.96 2.87 0.00	59.33 3.52 0.00	64.64 3.54 0.00	67.65 3.04 0.00	81.18 4.30 0.00	94.60 5.19 0.00	94.75 4.77 0.00	89.17 4.73 0.00	78.24 3.08 0.00	67.86 3.35 0.00	57.47 2.00 0.00	51.45 1.45 0.00
S SALMON___HYD 24043	41.83 0.04 0.00	36.83 0.00 0.00	34.00 0.03 0.00	31.30 -0.06 0.00	30.97 0.00 0.00	32.32 0.06 0.00	34.61 -0.07 0.00	37.59 -0.08 0.00	42.86 -0.17 0.00	43.08 -0.26 0.00	45.92 -0.14 0.00	49.08 -0.05 0.00	55.10 0.00 0.00	55.92 0.11 0.00	61.10 0.00 0.00	64.61 0.00 0.00	77.26 0.39 0.00	91.02 0.99 -0.62	92.27 1.62 -0.67	86.70 1.94 -0.32	76.35 1.20 0.00	65.67 1.16 0.00	56.02 0.55 0.00	50.40 0.40 0.00
S.PERRY___115KV_TB1 80734	43.63 1.84 0.00	38.45 1.62 0.00	35.46 1.49 0.00	32.71 1.35 0.00	32.24 1.27 0.00	33.74 1.48 0.00	35.65 0.97 0.00	38.19 0.53 0.00	43.16 0.13 0.00	43.94 0.61 0.00	45.32 -0.74 0.00	48.78 -0.34 0.00	55.82 0.72 0.00	57.21 1.40 0.00	62.56 1.47 0.00	65.51 0.90 0.00	79.03 2.15 0.00	92.72 3.31 0.00	94.12 4.14 0.00	89.33 4.90 0.00	78.54 3.38 0.00	68.18 3.68 0.00	57.41 1.94 0.00	51.25 1.25 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	41.79 0.00 0.00	36.86 0.04 0.00	33.96 0.00 0.00	31.45 0.09 0.00	30.94 -0.03 0.00	32.42 0.16 0.00	33.95 -0.73 0.00	36.19 -1.47 0.00	41.31 -1.72 0.00	42.51 -0.82 0.00	45.60 -0.46 0.00	49.23 0.10 0.00	56.70 1.60 0.00	58.43 2.62 0.00	63.30 2.20 0.00	65.64 1.03 0.00	78.87 2.00 0.00	91.92 2.50 0.00	92.14 2.16 0.00	86.80 2.36 0.00	75.83 0.68 0.00	65.99 1.48 0.00	56.02 0.55 0.00	50.45 0.45 0.00

SAWYER___23_KV_LOAD 55526	41.79 0.00 0.00	36.86 0.04 0.00	33.96 0.00 0.00	31.45 0.09 0.00	30.94 -0.03 0.00	32.42 0.16 0.00	33.95 -0.73 0.00	36.19 -1.47 0.00	41.31 -1.72 0.00	42.51 -0.82 0.00	45.60 -0.46 0.00	49.23 0.10 0.00	56.70 1.60 0.00	58.43 2.62 0.00	63.30 2.20 0.00	65.64 1.03 0.00	78.87 2.00 0.00	91.92 2.50 0.00	92.14 2.16 0.00	86.80 2.36 0.00	75.83 0.68 0.00	65.99 1.48 0.00	56.02 0.55 0.00	50.45 0.45 0.00
SELKIRK___I 23801	43.04 1.25 0.00	37.97 1.14 0.00	34.98 1.02 0.00	32.39 1.03 0.00	31.96 0.99 0.00	33.23 0.97 0.00	35.62 0.94 0.00	38.53 0.87 0.00	43.76 0.73 0.00	43.90 0.56 0.00	46.39 0.32 0.00	49.42 0.30 0.00	55.27 0.17 0.00	55.52 -0.28 0.02	55.30 -1.40 4.40	58.25 -0.84 5.52	75.27 -0.62 0.99	84.90 0.18 4.70	85.38 0.18 4.78	81.42 0.17 3.18	73.48 -0.37 1.30	64.06 -0.45 0.00	54.97 -0.50 0.00	49.65 -0.35 0.00
SELKIRK___II 23799	42.83 1.05 0.00	37.78 0.96 0.00	34.84 0.88 0.00	32.24 0.88 0.00	31.81 0.84 0.00	33.10 0.84 0.00	35.51 0.83 0.00	38.53 0.87 0.00	43.84 0.82 0.00	44.03 0.69 0.00	46.57 0.51 0.00	49.62 0.49 0.00	55.49 0.39 0.00	55.41 -0.33 0.06	44.77 -0.42 15.90	44.77 0.13 19.97	73.85 0.54 3.56	73.85 1.43 16.99	73.85 1.17 17.30	73.85 0.93 11.52	73.85 0.15 1.46	64.51 0.00 0.00	55.36 -0.11 0.00	50.00 0.00 0.00
SENECA OSWGO___HYD 24041	41.12 -0.67 0.00	36.20 -0.63 0.00	33.42 -0.54 0.00	30.80 -0.56 0.00	30.44 -0.53 0.00	31.74 -0.52 0.00	34.02 -0.66 0.00	36.95 -0.72 0.00	42.21 -0.82 0.00	42.60 -0.74 0.00	45.46 -0.60 0.00	48.54 -0.59 0.00	54.60 -0.50 0.00	55.42 -0.39 0.00	60.55 -0.55 0.00	64.09 -0.52 0.00	76.64 -0.23 0.00	89.62 0.00 -0.21	90.39 0.18 -0.23	84.80 0.25 -0.11	74.93 -0.22 0.00	64.44 -0.06 0.00	54.97 -0.50 0.00	49.45 -0.55 0.00
SENECA___115KV_TB3 355854	42.12 0.33 0.00	37.16 0.33 0.00	34.20 0.24 0.00	31.71 0.34 0.00	31.19 0.22 0.00	32.68 0.42 0.00	34.19 -0.49 0.00	36.57 -1.09 0.00	41.74 -1.29 0.00	42.95 -0.39 0.00	46.06 0.00 0.00	49.72 0.59 0.00	57.19 2.09 0.00	58.99 3.18 0.00	63.97 2.87 0.00	66.35 1.74 0.00	79.72 2.84 0.00	92.90 3.49 0.00	93.22 3.24 0.00	87.81 3.38 0.00	76.66 1.50 0.00	66.57 2.06 0.00	56.52 1.05 0.00	50.85 0.85 0.00
SENECA___ENERGY 23797	42.12 0.33 0.00	37.09 0.26 0.00	34.27 0.30 0.00	31.52 0.16 0.00	31.16 0.19 0.00	32.55 0.29 0.00	34.78 0.10 0.00	37.66 0.00 0.00	43.03 0.00 0.00	43.64 0.31 0.00	46.75 0.69 0.00	49.81 0.69 0.00	56.42 1.32 0.00	57.48 1.67 0.00	62.75 1.65 0.00	66.29 1.68 0.00	79.41 2.53 0.00	92.28 2.86 0.00	93.13 3.15 0.00	87.65 3.21 0.00	77.49 2.33 0.00	66.76 2.26 0.00	56.63 1.17 0.00	50.75 0.75 0.00
SHOEMAKER___GT 23640	44.46 2.68 0.00	39.22 2.39 0.00	36.10 2.14 0.00	33.31 1.95 0.00	32.86 1.89 0.00	34.23 1.97 0.00	36.76 2.08 0.00	40.15 2.49 0.00	45.61 2.58 0.00	45.81 2.47 0.00	48.59 2.53 0.00	51.78 2.65 0.00	57.96 2.86 0.00	58.60 2.79 0.00	64.21 3.11 0.00	68.94 4.33 0.00	82.71 5.84 0.00	97.64 8.22 0.00	97.62 7.64 0.00	91.36 6.93 0.00	80.04 4.88 0.00	68.18 3.67 0.00	58.63 3.16 0.00	52.85 2.85 0.00
SHOEMAKR_138KV_BK 111 55601	44.46 2.67 0.00	39.22 2.39 0.00	36.03 2.07 0.00	33.34 1.98 0.00	32.86 1.89 0.00	34.23 1.97 0.00	36.80 2.12 0.00	40.19 2.52 0.00	45.65 2.62 0.00	45.94 2.60 0.00	48.78 2.72 0.00	51.78 2.65 0.00	58.02 2.92 0.00	58.66 2.85 0.00	64.21 3.12 0.00	69.00 4.39 0.00	82.79 5.92 0.00	97.64 8.23 0.00	97.63 7.65 0.00	91.36 6.92 0.00	80.04 4.89 0.00	68.12 3.61 0.00	58.63 3.16 0.00	52.90 2.90 0.00
SHOREHAM_IC_1 23715	47.30 4.76 -0.75	40.89 4.05 -0.01	37.47 3.50 -0.01	34.40 3.04 0.00	33.66 2.69 0.00	35.10 2.84 0.00	38.01 3.33 0.00	41.93 4.25 -0.01	47.29 4.26 0.00	47.68 4.33 -0.01	50.77 4.70 -0.01	53.60 4.47 0.00	59.40 4.30 0.00	59.84 4.02 0.00	66.17 5.07 0.00	74.39 7.11 -2.68	90.46 9.53 -4.06	150.87 12.96 -48.49	158.19 12.06 -56.15	95.30 10.72 -0.14	81.93 6.77 0.00	69.60 5.09 0.00	60.24 4.49 -0.28	53.75 3.75 0.00
SHOREHAM_IC_2 23716	47.31 4.76 -0.75	40.88 4.05 0.00	37.39 3.43 0.00	34.40 3.04 0.00	33.66 2.69 0.00	35.10 2.84 0.00	38.04 3.36 0.00	41.92 4.26 0.00	47.55 4.52 0.00	48.02 4.68 0.00	51.04 4.97 0.00	53.06 3.93 0.00	59.35 4.24 0.00	60.00 4.19 0.00	66.17 5.07 0.00	74.39 7.11 -2.68	90.46 9.53 -4.06	150.69 12.79 -48.49	158.18 12.06 -56.14	95.30 10.72 -0.14	82.30 7.14 0.00	69.67 5.16 0.00	60.30 4.55 -0.28	54.00 4.00 0.00
SISSONVILLE____ 23735	41.75 -0.04 0.00	36.72 -0.11 0.00	33.93 -0.03 0.00	31.30 -0.06 0.00	31.00 0.03 0.00	32.16 -0.10 0.00	34.78 0.10 0.00	37.66 0.00 0.00	43.33 0.30 0.00	43.42 0.09 0.00	46.15 0.09 0.00	49.13 0.00 0.00	54.93 -0.17 0.00	55.53 -0.28 0.00	60.61 -0.49 0.00	62.74 -1.87 0.00	74.03 -2.84 0.00	75.64 -5.10 8.68	75.91 -4.59 9.48	76.06 -3.88 4.50	73.35 -1.80 0.00	63.41 -1.10 0.00	55.41 -0.06 0.00	50.40 0.40 0.00
SITHE_IND_GS1 24169	40.78 -1.00 0.00	35.94 -0.88 0.00	33.15 -0.82 0.00	30.58 -0.78 0.00	30.20 -0.77 0.00	31.49 -0.77 0.00	33.75 -0.93 0.00	36.61 -1.05 0.00	41.82 -1.20 0.00	42.21 -1.13 0.00	45.00 -1.06 0.00	48.05 -1.08 0.00	54.11 -0.99 0.00	54.92 -0.90 0.00	60.00 -1.10 0.00	63.45 -1.16 0.00	75.72 -1.15 0.00	88.25 -1.16 0.00	88.90 -1.08 0.00	83.43 -1.01 0.00	73.95 -1.21 0.00	63.54 -0.97 0.00	54.36 -1.11 0.00	48.90 -1.10 0.00
SITHE_IND_GS2 24170	40.78 -1.00 0.00	35.94 -0.88 0.00	33.15 -0.82 0.00	30.58 -0.78 0.00	30.20 -0.77 0.00	31.49 -0.77 0.00	33.75 -0.93 0.00	36.61 -1.05 0.00	41.82 -1.20 0.00	42.21 -1.13 0.00	45.00 -1.06 0.00	48.05 -1.08 0.00	54.11 -0.99 0.00	54.92 -0.90 0.00	60.00 -1.10 0.00	63.45 -1.16 0.00	75.72 -1.15 0.00	88.25 -1.16 0.00	88.90 -1.08 0.00	83.43 -1.01 0.00	73.95 -1.21 0.00	63.54 -0.97 0.00	54.36 -1.11 0.00	48.90 -1.10 0.00
SITHE_IND_GS3 24171	40.78 -1.00 0.00	35.94 -0.88 0.00	33.15 -0.82 0.00	30.58 -0.78 0.00	30.20 -0.77 0.00	31.49 -0.77 0.00	33.75 -0.93 0.00	36.61 -1.05 0.00	41.82 -1.20 0.00	42.21 -1.13 0.00	45.00 -1.06 0.00	48.05 -1.08 0.00	54.11 -0.99 0.00	54.92 -0.90 0.00	60.00 -1.10 0.00	63.45 -1.16 0.00	75.72 -1.15 0.00	88.25 -1.16 0.00	88.90 -1.08 0.00	83.43 -1.01 0.00	73.95 -1.21 0.00	63.54 -0.97 0.00	54.36 -1.11 0.00	48.90 -1.10 0.00
SITHE_IND_GS4 24172	40.78 -1.00 0.00	35.94 -0.88 0.00	33.15 -0.82 0.00	30.58 -0.78 0.00	30.20 -0.77 0.00	31.49 -0.77 0.00	33.75 -0.93 0.00	36.61 -1.05 0.00	41.82 -1.20 0.00	42.21 -1.13 0.00	45.00 -1.06 0.00	48.05 -1.08 0.00	54.11 -0.99 0.00	54.92 -0.90 0.00	60.00 -1.10 0.00	63.45 -1.16 0.00	75.72 -1.15 0.00	88.25 -1.16 0.00	88.90 -1.08 0.00	83.43 -1.01 0.00	73.95 -1.21 0.00	63.54 -0.97 0.00	54.36 -1.11 0.00	48.90 -1.10 0.00

SITHE___BATAVIA 24024	42.83 1.05 0.00	37.90 1.07 0.00	35.12 1.16 0.00	32.11 0.75 0.00	31.71 0.74 0.00	33.23 0.97 0.00	34.92 0.24 0.00	37.40 -0.26 0.00	42.73 -0.30 0.00	44.16 0.82 0.00	47.67 1.61 0.00	50.65 1.52 0.00	58.41 3.31 0.00	60.05 4.24 0.00	65.19 4.09 0.00	68.29 3.68 0.00	81.64 4.77 0.00	95.05 5.64 0.00	95.65 5.67 0.00	90.35 5.91 0.00	79.36 4.21 0.00	68.76 4.26 0.00	58.08 2.61 0.00	52.05 2.05 0.00
SITHE___INDEPEND 23800	40.79 -1.00 0.00	35.94 -0.88 0.00	33.15 -0.82 0.00	30.58 -0.78 0.00	30.20 -0.77 0.00	31.49 -0.77 0.00	33.74 -0.94 0.00	36.61 -1.05 0.00	41.78 -1.25 0.00	42.21 -1.13 0.00	44.96 -1.11 0.00	48.05 -1.08 0.00	54.11 -0.99 0.00	54.92 -0.89 0.00	60.00 -1.10 0.00	63.45 -1.16 0.00	75.72 -1.15 0.00	88.34 -1.07 0.00	88.90 -1.08 0.00	83.42 -1.01 0.00	73.88 -1.28 0.00	63.54 -0.97 0.00	54.36 -1.11 0.00	48.90 -1.10 0.00
SITHE___MASSENA 23902	41.58 -0.21 0.00	36.61 -0.22 0.00	33.79 -0.17 0.00	31.20 -0.16 0.00	30.88 -0.09 0.00	32.04 -0.22 0.00	34.61 -0.07 0.00	37.55 -0.11 0.00	43.24 0.22 0.00	43.42 0.09 0.00	46.11 0.05 0.00	49.13 0.00 0.00	54.99 -0.11 0.00	55.59 -0.22 0.00	60.98 -0.12 0.00	63.84 -0.77 0.00	75.49 -1.38 0.00	86.01 -3.22 0.19	86.80 -2.97 0.21	81.81 -2.53 0.10	74.33 -0.83 0.00	63.86 -0.64 0.00	55.36 -0.11 0.00	50.20 0.20 0.00
SITHE___OGDNSBRG 24021	42.16 0.38 0.00	37.08 0.26 0.00	34.27 0.31 0.00	31.61 0.25 0.00	31.34 0.37 0.00	32.52 0.26 0.00	35.10 0.42 0.00	38.00 0.34 0.00	43.67 0.65 0.00	43.73 0.39 0.00	46.38 0.32 0.00	49.37 0.25 0.00	55.21 0.11 0.00	55.87 0.06 0.00	61.16 0.06 0.00	63.71 -0.90 0.00	75.41 -1.46 0.00	77.43 -3.31 8.68	77.97 -2.52 9.48	78.34 -1.60 4.50	75.46 0.30 0.00	65.02 0.52 0.00	56.47 1.00 0.00	51.15 1.15 0.00
SITHE___STERLING 23777	43.04 1.25 0.00	37.93 1.10 0.00	34.98 1.02 0.00	32.24 0.88 0.00	31.90 0.93 0.00	33.32 1.06 0.00	35.65 0.97 0.00	38.72 1.05 0.00	44.19 1.16 0.00	44.38 1.04 0.00	47.30 1.24 0.00	50.55 1.43 0.00	56.86 1.76 0.00	57.76 1.95 0.00	63.11 2.01 0.00	66.93 2.32 0.00	80.03 3.15 0.00	94.06 4.29 -0.36	95.31 4.95 -0.39	89.43 4.81 -0.18	78.91 3.76 0.00	67.86 3.35 0.00	57.80 2.33 0.00	51.80 1.80 0.00
SLEIGHT__34_KV_TB1 80719	41.83 0.04 0.00	36.86 0.04 0.00	34.00 0.03 0.00	31.36 0.00 0.00	30.94 -0.03 0.00	32.32 0.06 0.00	34.44 -0.24 0.00	37.29 -0.38 0.00	42.55 -0.47 0.00	43.34 0.00 0.00	46.43 0.37 0.00	49.96 0.84 0.00	56.86 1.76 0.00	58.04 2.23 0.00	63.30 2.20 0.00	66.55 1.94 0.00	79.79 2.92 0.00	93.17 3.76 0.00	93.58 3.60 0.00	87.98 3.55 0.00	77.33 2.18 0.00	66.83 2.32 0.00	56.69 1.22 0.00	50.75 0.75 0.00
SMITHTWN_69_KV_BK 1 55830	47.72 5.18 -0.75	41.28 4.46 0.00	37.77 3.80 0.00	34.78 3.42 0.00	34.04 3.07 0.00	35.49 3.23 0.00	38.43 3.75 0.00	42.37 4.71 0.00	48.11 5.08 0.00	48.58 5.24 0.00	51.54 5.48 0.00	53.60 4.47 0.00	59.95 4.85 0.00	60.61 4.80 0.00	66.78 5.68 0.00	74.96 7.56 -2.79	91.07 9.99 -4.20	218.16 13.23 -115.51	236.88 12.51 -134.39	95.74 11.15 -0.16	82.75 7.59 0.00	70.31 5.81 0.00	60.97 5.21 -0.29	54.55 4.55 0.00
SOUTH CAIRO___GT 23612	44.04 2.26 0.00	38.85 2.03 0.00	35.76 1.80 0.00	33.02 1.66 0.00	32.55 1.58 0.00	33.91 1.65 0.00	36.34 1.66 0.00	39.17 1.51 0.00	44.40 1.38 0.00	44.33 1.00 0.00	46.89 0.83 0.00	49.86 0.74 0.00	55.82 0.72 0.00	56.23 0.45 0.02	56.42 0.92 5.60	59.65 2.07 7.03	78.77 3.15 1.25	88.62 5.19 5.98	89.56 5.67 6.09	85.79 5.40 4.05	78.29 4.43 1.30	67.15 2.64 0.00	57.35 1.89 0.00	51.65 1.65 0.00
SOUTH HAMPTN___IC 23720	48.27 5.73 -0.75	41.70 4.86 -0.01	38.22 4.24 -0.01	35.09 3.73 0.00	34.32 3.35 0.00	35.78 3.52 0.00	38.74 4.06 0.00	42.79 5.12 -0.01	48.32 5.29 0.00	48.81 5.46 -0.01	52.15 6.08 -0.01	55.12 5.99 0.00	61.16 6.06 0.00	61.62 5.80 0.00	68.12 7.02 0.00	76.42 9.17 -2.64	92.87 11.99 -4.01	147.90 15.83 -42.65	154.07 14.76 -49.34	97.50 12.92 -0.14	83.65 8.49 0.00	71.02 6.51 0.00	61.29 5.55 -0.28	54.70 4.70 0.00
SOUTHDOW_115KV_TB1 355954	43.13 1.34 0.00	38.04 1.22 0.00	34.95 0.98 0.00	32.40 1.03 0.00	31.84 0.87 0.00	33.42 1.16 0.00	35.06 0.38 0.00	38.23 0.56 0.00	43.67 0.65 0.00	45.03 1.69 0.00	48.41 2.35 0.00	52.27 3.14 0.00	59.78 4.68 0.00	61.78 5.97 0.00	66.78 5.68 0.00	69.52 4.91 0.00	83.33 6.46 0.00	95.85 6.44 0.00	96.37 6.39 0.00	90.43 6.00 0.00	78.54 3.38 0.00	67.99 3.48 0.00	57.74 2.27 0.00	51.85 1.85 0.00
SOUTHOLD_69_KV_BK 2 55809	49.27 6.73 -0.75	42.57 5.74 0.00	38.99 5.03 0.00	35.85 4.48 0.00	35.06 4.09 0.00	36.55 4.29 0.00	39.57 4.89 0.00	43.69 6.03 0.00	49.70 6.67 0.00	50.36 7.02 0.00	53.84 7.78 0.00	56.21 7.07 0.00	62.98 7.88 0.00	63.68 7.87 0.00	70.14 9.04 0.00	78.50 11.24 -2.64	95.41 14.53 -4.01	150.78 18.60 -42.76	156.89 17.46 -49.46	99.86 15.28 -0.14	85.68 10.52 0.00	72.25 7.74 0.00	62.07 6.32 -0.28	55.70 5.70 0.00
SOUTHOLD___IC 23719	49.27 6.73 -0.75	42.58 5.74 -0.01	39.06 5.09 -0.01	35.85 4.48 0.00	35.06 4.09 0.00	36.55 4.29 0.00	39.57 4.89 0.00	43.70 6.02 -0.01	49.44 6.41 0.00	50.02 6.67 -0.01	53.62 7.55 -0.01	56.75 7.61 0.00	63.04 7.94 0.00	63.46 7.65 0.00	70.14 9.04 0.00	78.56 11.30 -2.64	95.41 14.53 -4.01	150.96 18.78 -42.76	156.99 17.55 -49.46	99.86 15.29 -0.14	85.30 10.14 0.00	72.18 7.67 0.00	62.01 6.27 -0.28	55.45 5.45 0.00
SOUTH_FORK_WT_PWR 323839	49.36 6.81 -0.75	42.69 5.86 -0.01	39.17 5.20 -0.01	35.97 4.61 0.00	35.15 4.18 0.00	36.65 4.39 0.00	39.71 5.03 0.00	43.85 6.18 -0.01	49.61 6.58 0.00	50.24 6.89 -0.01	53.85 7.79 -0.01	56.99 7.86 0.00	63.31 8.21 0.00	63.69 7.87 0.00	70.32 9.23 0.00	78.69 11.44 -2.64	95.49 14.61 -4.01	150.90 18.78 -42.70	156.65 17.28 -49.40	99.44 14.87 -0.14	84.86 9.70 0.00	71.73 7.22 0.00	61.57 5.82 -0.28	55.15 5.15 0.00
SPIERFLS_115KV_TB 1 80737	43.75 1.96 0.00	38.48 1.66 0.00	35.39 1.43 0.00	32.65 1.29 0.00	32.24 1.27 0.00	33.62 1.35 0.00	36.17 1.49 0.00	39.17 1.51 0.00	44.36 1.33 0.00	44.42 1.08 0.00	46.66 0.60 0.00	49.72 0.59 0.00	55.26 0.17 0.00	56.09 0.28 0.00	61.46 0.37 0.00	66.23 1.62 0.00	79.33 2.46 0.00	93.89 4.47 0.00	95.83 5.85 0.00	89.67 5.24 0.00	82.10 4.43 -2.51	67.99 3.48 0.00	57.80 2.33 0.00	52.15 2.15 0.00
ST LAWRENCE____ 23600	41.12 -0.67 0.00	36.20 -0.63 0.00	33.39 -0.58 0.00	30.83 -0.53 0.00	30.47 -0.50 0.00	31.68 -0.58 0.00	34.23 -0.45 0.00	37.17 -0.49 0.00	42.68 -0.35 0.00	42.95 -0.39 0.00	45.55 -0.51 0.00	48.54 -0.59 0.00	54.38 -0.72 0.00	55.03 -0.78 0.00	60.37 -0.73 0.00	63.38 -1.23 0.00	74.95 -1.92 0.00	85.71 -3.22 0.49	86.38 -3.06 0.54	81.48 -2.71 0.26	73.57 -1.58 0.00	63.15 -1.36 0.00	54.69 -0.78 0.00	49.45 -0.55 0.00

STATE_CA_115KV_115_LB 55624	42.87 1.09 0.00	37.89 1.07 0.00	34.95 0.98 0.00	32.33 0.97 0.00	31.87 0.90 0.00	33.16 0.90 0.00	35.62 0.94 0.00	38.60 0.94 0.00	43.93 0.90 0.00	44.12 0.78 0.00	46.71 0.64 0.00	49.72 0.59 0.00	55.48 0.39 0.00	55.92 0.11 0.00	61.22 0.12 0.00	65.58 0.97 0.00	78.33 1.46 0.00	92.01 2.59 0.00	92.50 2.52 0.00	86.55 2.11 0.00	74.67 1.28 1.76	65.34 0.84 0.00	55.97 0.50 0.00	50.55 0.55 0.00
STATE_ST_34_KV_LOAD 55959	42.21 0.42 0.00	37.16 0.33 0.00	34.30 0.34 0.00	31.61 0.25 0.00	31.25 0.28 0.00	32.62 0.35 0.00	34.89 0.21 0.00	37.89 0.23 0.00	43.24 0.22 0.00	43.68 0.35 0.00	46.61 0.55 0.00	49.96 0.84 0.00	56.37 1.27 0.00	57.32 1.51 0.00	62.63 1.53 0.00	66.23 1.62 0.00	79.33 2.46 0.00	92.63 3.22 0.00	93.49 3.51 0.00	87.90 3.46 0.00	77.56 2.40 0.00	66.83 2.32 0.00	56.80 1.33 0.00	50.85 0.85 0.00
STATION_5_MISC_HYD 23604	42.16 0.38 0.00	37.19 0.37 0.00	34.40 0.44 0.00	31.64 0.28 0.00	31.19 0.22 0.00	32.58 0.32 0.00	34.54 -0.14 0.00	37.25 -0.41 0.00	42.60 -0.43 0.00	43.73 0.39 0.00	47.07 1.01 0.00	50.21 1.08 0.00	57.47 2.37 0.00	58.77 2.96 0.00	64.09 2.99 0.00	67.39 2.78 0.00	80.49 3.61 0.00	93.53 4.12 0.00	93.93 3.95 0.00	88.49 4.05 0.00	77.94 2.78 0.00	67.34 2.84 0.00	57.08 1.61 0.00	51.15 1.15 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	42.08 0.29 0.00	37.08 0.26 0.00	34.20 0.24 0.00	31.55 0.19 0.00	31.13 0.15 0.00	32.52 0.26 0.00	34.61 -0.07 0.00	37.44 -0.23 0.00	42.73 -0.30 0.00	43.51 0.17 0.00	46.57 0.51 0.00	50.06 0.93 0.00	56.97 1.87 0.00	58.21 2.40 0.00	63.48 2.38 0.00	66.68 2.07 0.00	79.95 3.07 0.00	93.17 3.76 0.00	93.67 3.69 0.00	88.15 3.72 0.00	77.56 2.40 0.00	67.02 2.52 0.00	56.85 1.39 0.00	50.90 0.90 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	41.91 0.13 0.00	36.94 0.11 0.00	34.06 0.10 0.00	31.45 0.09 0.00	31.00 0.03 0.00	32.39 0.13 0.00	34.33 -0.35 0.00	37.06 -0.60 0.00	42.34 -0.69 0.00	43.29 -0.04 0.00	46.38 0.32 0.00	50.01 0.88 0.00	57.14 2.04 0.00	58.49 2.68 0.00	63.73 2.63 0.00	66.74 2.13 0.00	80.02 3.15 0.00	93.35 3.93 0.00	93.49 3.51 0.00	87.98 3.55 0.00	77.18 2.03 0.00	66.89 2.39 0.00	56.69 1.22 0.00	50.80 0.80 0.00
STA_56___34_KV_BUS2 355983	41.91 0.13 0.00	36.94 0.11 0.00	34.06 0.10 0.00	31.45 0.09 0.00	31.00 0.03 0.00	32.39 0.13 0.00	34.33 -0.35 0.00	37.06 -0.60 0.00	42.34 -0.69 0.00	43.29 -0.04 0.00	46.38 0.32 0.00	50.01 0.88 0.00	57.14 2.04 0.00	58.49 2.68 0.00	63.73 2.63 0.00	66.74 2.13 0.00	80.02 3.15 0.00	93.35 3.93 0.00	93.49 3.51 0.00	87.98 3.55 0.00	77.18 2.03 0.00	66.89 2.39 0.00	56.69 1.22 0.00	50.80 0.80 0.00
STA_67___115KV_BK2 355882	42.08 0.29 0.00	37.08 0.26 0.00	34.20 0.24 0.00	31.58 0.22 0.00	31.13 0.15 0.00	32.52 0.26 0.00	34.47 -0.21 0.00	37.14 -0.53 0.00	42.38 -0.65 0.00	43.38 0.04 0.00	46.48 0.41 0.00	50.06 0.93 0.00	57.25 2.15 0.00	58.60 2.79 0.00	63.79 2.69 0.00	66.81 2.20 0.00	80.10 3.23 0.00	93.44 4.02 0.00	93.67 3.69 0.00	88.15 3.72 0.00	77.33 2.18 0.00	67.02 2.52 0.00	56.85 1.39 0.00	50.95 0.95 0.00
STA_7___115KV_9TRANS 80674	42.42 0.63 0.00	37.38 0.55 0.00	34.47 0.51 0.00	31.80 0.44 0.00	31.34 0.37 0.00	32.74 0.48 0.00	34.68 0.00 0.00	37.44 -0.23 0.00	42.73 -0.30 0.00	43.77 0.43 0.00	46.94 0.88 0.00	50.60 1.47 0.00	57.96 2.87 0.00	59.33 3.52 0.00	64.64 3.54 0.00	67.65 3.04 0.00	81.18 4.30 0.00	94.60 5.19 0.00	94.75 4.77 0.00	89.17 4.73 0.00	78.24 3.08 0.00	67.86 3.35 0.00	57.47 2.00 0.00	51.45 1.45 0.00
STA_82___115KV_TB1 80780	42.08 0.29 0.00	37.12 0.29 0.00	34.20 0.24 0.00	31.58 0.22 0.00	31.13 0.15 0.00	32.52 0.26 0.00	34.47 -0.21 0.00	37.14 -0.53 0.00	42.38 -0.65 0.00	43.38 0.04 0.00	46.48 0.41 0.00	50.06 0.93 0.00	57.25 2.15 0.00	58.60 2.79 0.00	63.85 2.75 0.00	66.81 2.20 0.00	80.10 3.23 0.00	93.44 4.02 0.00	93.67 3.69 0.00	88.15 3.72 0.00	77.41 2.25 0.00	67.09 2.58 0.00	56.85 1.39 0.00	51.00 1.00 0.00
STEEL___WIND 323596	42.08 0.29 0.00	37.16 0.33 0.00	34.47 0.51 0.00	31.64 0.28 0.00	31.16 0.19 0.00	32.65 0.39 0.00	34.23 -0.45 0.00	36.53 -1.13 0.00	41.82 -1.20 0.00	43.25 -0.09 0.00	46.66 0.60 0.00	49.67 0.54 0.00	57.14 2.04 0.00	58.82 3.01 0.00	63.85 2.75 0.00	66.68 2.07 0.00	79.64 2.76 0.00	92.46 3.04 0.00	93.13 3.15 0.00	87.65 3.21 0.00	76.96 1.80 0.00	66.57 2.06 0.00	56.47 1.00 0.00	50.80 0.80 0.00
STEPHTWN_115KV_BK_2 55603	43.08 1.30 0.00	38.04 1.22 0.00	35.05 1.09 0.00	32.43 1.07 0.00	31.99 1.02 0.00	33.29 1.03 0.00	35.75 1.08 0.00	38.76 1.09 0.00	44.10 1.08 0.00	44.25 0.91 0.00	46.89 0.83 0.00	49.86 0.74 0.00	55.54 0.44 0.00	55.98 0.17 0.00	61.28 0.18 0.00	65.71 1.10 0.00	78.49 1.61 0.00	92.28 2.86 0.00	92.86 2.88 0.00	86.89 2.45 0.00	74.46 1.50 2.19	65.54 1.03 0.00	56.08 0.61 0.00	50.70 0.70 0.00
STEUBEN_REC_LFGE 323667	43.13 1.34 0.00	37.93 1.10 0.00	34.95 0.98 0.00	32.27 0.91 0.00	31.81 0.84 0.00	33.29 1.03 0.00	35.10 0.42 0.00	37.66 0.00 0.00	42.81 -0.22 0.00	43.68 0.35 0.00	46.71 0.64 0.00	50.16 1.03 0.00	57.30 2.20 0.00	58.82 3.01 0.00	64.03 2.93 0.00	66.87 2.26 0.00	80.33 3.46 0.00	93.62 4.20 0.00	94.75 4.77 0.00	89.33 4.90 0.00	78.46 3.31 0.00	67.73 3.23 0.00	57.24 1.77 0.00	51.15 1.15 0.00
STILLWATER___SOLAR 323814	44.13 2.34 0.00	38.85 2.02 0.00	35.73 1.76 0.00	32.99 1.63 0.00	32.58 1.61 0.00	33.97 1.71 0.00	36.48 1.80 0.00	39.51 1.85 0.00	44.79 1.76 0.00	44.81 1.47 0.00	47.30 1.24 0.00	50.45 1.33 0.00	56.31 1.21 0.00	57.21 1.40 0.00	62.63 1.53 0.00	67.26 2.65 0.00	80.49 3.61 0.00	95.05 5.64 0.00	96.18 6.20 0.00	90.10 5.66 0.00	83.24 4.59 -3.50	68.12 3.61 0.00	58.19 2.72 0.00	52.50 2.50 0.00
STONY___BROOK 24151	47.68 5.14 -0.75	41.25 4.42 -0.01	37.81 3.84 -0.01	34.75 3.39 0.00	34.01 3.04 0.00	35.45 3.19 0.00	38.39 3.71 0.00	42.34 4.67 -0.01	47.76 4.73 0.00	48.16 4.81 -0.01	51.23 5.16 -0.01	54.09 4.96 0.00	59.84 4.74 0.00	60.22 4.41 0.00	66.60 5.50 0.00	74.59 7.23 -2.75	90.56 9.53 -4.16	179.48 12.96 -77.11	191.60 12.06 -89.56	95.23 10.64 -0.15	82.00 6.84 0.00	70.12 5.61 0.00	60.80 5.05 -0.29	54.30 4.30 0.00
STURGEON_POOL_HYD 23609	44.67 2.88 0.00	39.40 2.58 0.00	36.17 2.21 0.00	33.43 2.07 0.00	32.95 1.98 0.00	34.32 2.06 0.00	36.90 2.22 0.00	40.34 2.67 0.00	45.82 2.80 0.00	46.15 2.82 0.00	49.01 2.95 0.00	52.08 2.95 0.00	58.35 3.25 0.00	59.10 3.29 0.00	63.83 3.97 1.24	68.41 5.36 1.56	83.74 7.15 0.28	97.75 9.66 1.33	97.54 8.91 1.35	91.56 8.02 0.90	80.72 5.86 0.29	68.57 4.06 0.00	59.02 3.55 0.00	53.30 3.30 0.00

ST_LAW_115_BK7_LBMP 345037	41.08 -0.71 0.00	36.16 -0.66 0.00	33.39 -0.58 0.00	30.83 -0.53 0.00	30.47 -0.50 0.00	31.65 -0.61 0.00	34.23 -0.45 0.00	37.14 -0.53 0.00	42.68 -0.35 0.00	42.95 -0.39 0.00	45.55 -0.51 0.00	48.49 -0.64 0.00	54.38 -0.72 0.00	54.97 -0.84 0.00	60.30 -0.80 0.00	63.32 -1.29 0.00	74.87 -2.00 0.00	85.52 -3.40 0.49	86.11 -3.33 0.54	81.22 -2.96 0.26	73.50 -1.65 0.00	63.09 -1.42 0.00	54.69 -0.78 0.00	49.45 -0.55 0.00
ST_LAW_115_BK8_LBMP 345038	41.08 -0.71 0.00	36.16 -0.66 0.00	33.39 -0.58 0.00	30.83 -0.53 0.00	30.47 -0.50 0.00	31.65 -0.61 0.00	34.23 -0.45 0.00	37.14 -0.53 0.00	42.68 -0.35 0.00	42.95 -0.39 0.00	45.55 -0.51 0.00	48.49 -0.64 0.00	54.38 -0.72 0.00	54.97 -0.84 0.00	60.30 -0.80 0.00	63.32 -1.29 0.00	74.87 -2.00 0.00	85.52 -3.40 0.49	86.11 -3.33 0.54	81.22 -2.96 0.26	73.50 -1.65 0.00	63.09 -1.42 0.00	54.69 -0.78 0.00	49.45 -0.55 0.00
ST_LAW_230_BK5_LBMP 345035	41.12 -0.67 0.00	36.20 -0.63 0.00	33.39 -0.58 0.00	30.83 -0.53 0.00	30.47 -0.50 0.00	31.68 -0.58 0.00	34.23 -0.45 0.00	37.17 -0.49 0.00	42.68 -0.35 0.00	42.95 -0.39 0.00	45.55 -0.51 0.00	48.54 -0.59 0.00	54.38 -0.72 0.00	55.03 -0.78 0.00	60.37 -0.73 0.00	63.38 -1.23 0.00	74.95 -1.92 0.00	85.70 -3.22 0.50	86.38 -3.06 0.54	81.48 -2.71 0.26	73.57 -1.58 0.00	63.15 -1.36 0.00	54.69 -0.78 0.00	49.45 -0.55 0.00
ST_LAW_230_BK6_LBMP 345036	41.12 -0.67 0.00	36.20 -0.63 0.00	33.39 -0.58 0.00	30.83 -0.53 0.00	30.47 -0.50 0.00	31.68 -0.58 0.00	34.23 -0.45 0.00	37.17 -0.49 0.00	42.68 -0.35 0.00	42.95 -0.39 0.00	45.55 -0.51 0.00	48.54 -0.59 0.00	54.38 -0.72 0.00	55.03 -0.78 0.00	60.37 -0.73 0.00	63.38 -1.23 0.00	74.95 -1.92 0.00	85.70 -3.22 0.50	86.38 -3.06 0.54	81.48 -2.71 0.26	73.57 -1.58 0.00	63.15 -1.36 0.00	54.69 -0.78 0.00	49.45 -0.55 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	44.71 2.93 0.00	39.44 2.61 0.00	36.20 2.24 0.00	33.49 2.13 0.00	33.01 2.04 0.00	34.42 2.16 0.00	37.00 2.32 0.00	40.45 2.79 0.00	45.95 2.93 0.00	46.24 2.90 0.00	49.10 3.04 0.00	52.12 3.00 0.00	58.35 3.25 0.00	58.99 3.18 0.00	64.64 3.54 0.00	69.52 4.91 0.00	83.41 6.53 0.00	98.36 8.94 0.00	98.35 8.37 0.00	91.87 7.43 0.00	80.42 5.26 0.00	68.38 3.87 0.00	58.91 3.44 0.00	53.10 3.10 0.00
SWANROAD_115KV_TB1 355699	41.33 -0.46 0.00	36.57 -0.26 0.00	33.42 -0.54 0.00	31.20 -0.16 0.00	30.69 -0.28 0.00	32.13 -0.13 0.00	33.47 -1.21 0.00	35.52 -2.15 0.00	40.53 -2.50 0.00	41.69 -1.65 0.00	44.72 -1.34 0.00	48.24 -0.88 0.00	55.60 0.50 0.00	57.26 1.45 0.00	62.08 0.98 0.00	64.29 -0.32 0.00	77.18 0.31 0.00	89.95 0.54 0.00	90.16 0.18 0.00	85.03 0.59 0.00	74.33 -0.83 0.00	64.70 0.19 0.00	54.97 -0.50 0.00	49.65 -0.35 0.00
SYNERGY___BIOGAS 323694	42.83 1.04 0.00	37.86 1.03 0.00	34.78 0.82 0.00	32.24 0.88 0.00	31.71 0.74 0.00	33.23 0.97 0.00	34.89 0.21 0.00	37.40 -0.26 0.00	42.60 -0.43 0.00	43.81 0.48 0.00	47.03 0.97 0.00	50.65 1.52 0.00	58.41 3.31 0.00	60.11 4.30 0.00	65.19 4.09 0.00	67.84 3.23 0.00	81.64 4.77 0.00	95.41 5.99 0.00	95.65 5.67 0.00	90.35 5.91 0.00	78.91 3.76 0.00	68.63 4.13 0.00	58.02 2.55 0.00	52.00 2.00 0.00
SYRACUSE___ENERGY_ST1 323597	41.87 0.08 0.00	36.86 0.04 0.00	34.00 0.03 0.00	31.36 0.00 0.00	30.97 0.00 0.00	32.32 0.06 0.00	34.65 -0.03 0.00	37.63 -0.04 0.00	42.98 -0.04 0.00	43.38 0.04 0.00	46.24 0.18 0.00	49.52 0.39 0.00	55.76 0.66 0.00	56.37 0.56 0.00	61.59 0.49 0.00	65.13 0.52 0.00	77.87 1.00 0.00	90.85 1.43 0.00	91.60 1.62 0.00	85.96 1.52 0.00	75.98 0.83 0.00	65.41 0.90 0.00	55.86 0.39 0.00	50.35 0.35 0.00
SYRACUSE___ENERGY_ST2 323598	41.87 0.08 0.00	36.86 0.04 0.00	34.00 0.03 0.00	31.36 0.00 0.00	30.97 0.00 0.00	32.32 0.06 0.00	34.65 -0.03 0.00	37.63 -0.04 0.00	42.98 -0.04 0.00	43.38 0.04 0.00	46.24 0.18 0.00	49.52 0.39 0.00	55.76 0.66 0.00	56.37 0.56 0.00	61.59 0.49 0.00	65.13 0.52 0.00	77.87 1.00 0.00	90.85 1.43 0.00	91.60 1.62 0.00	85.96 1.52 0.00	75.98 0.83 0.00	65.41 0.90 0.00	55.86 0.39 0.00	50.35 0.35 0.00
SYRACUSE___POWER 24017	41.79 0.00 0.00	36.79 -0.04 0.00	33.96 0.00 0.00	31.33 -0.03 0.00	30.94 -0.03 0.00	32.29 0.03 0.00	34.58 -0.10 0.00	37.55 -0.11 0.00	42.90 -0.13 0.00	43.29 -0.04 0.00	46.15 0.09 0.00	49.42 0.29 0.00	55.65 0.55 0.00	56.54 0.73 0.00	61.77 0.67 0.00	65.32 0.71 0.00	78.18 1.31 0.00	91.29 1.88 0.00	91.96 1.98 0.00	86.38 1.94 0.00	76.28 1.13 0.00	65.67 1.16 0.00	55.97 0.50 0.00	50.30 0.30 0.00
TALLMAN_138KV_BK151 55660	45.05 3.26 0.00	39.77 2.95 0.00	36.48 2.51 0.00	33.74 2.38 0.00	33.26 2.29 0.00	34.65 2.39 0.00	37.28 2.60 0.00	40.83 3.16 0.00	46.34 3.31 0.00	46.72 3.38 0.00	49.61 3.55 0.00	52.57 3.44 0.00	58.85 3.75 0.00	59.49 3.68 0.00	65.19 4.09 0.00	70.17 5.56 0.00	84.25 7.38 0.00	99.34 9.93 0.00	99.16 9.18 0.00	92.63 8.19 0.00	80.94 5.79 0.00	68.76 4.26 0.00	59.30 3.83 0.00	53.45 3.45 0.00
TEALLAVE_115KV_TB7 355573	41.66 -0.13 0.00	36.68 -0.15 0.00	33.86 -0.10 0.00	31.24 -0.13 0.00	30.85 -0.12 0.00	32.20 -0.06 0.00	34.47 -0.21 0.00	37.44 -0.23 0.00	42.77 -0.26 0.00	43.16 -0.17 0.00	46.06 0.00 0.00	49.32 0.20 0.00	55.54 0.44 0.00	56.42 0.61 0.00	61.71 0.61 0.00	65.19 0.58 0.00	77.95 1.08 0.00	91.02 1.61 0.00	91.69 1.71 0.00	86.04 1.60 0.00	76.06 0.90 0.00	65.41 0.90 0.00	55.80 0.33 0.00	50.10 0.10 0.00
TELGRAPH_34_KV_EAST 80808	42.21 0.42 0.00	37.31 0.48 0.00	34.20 0.24 0.00	31.80 0.44 0.00	31.28 0.31 0.00	32.74 0.48 0.00	34.26 -0.42 0.00	36.61 -1.05 0.00	41.74 -1.29 0.00	42.95 -0.39 0.00	46.11 0.05 0.00	49.62 0.49 0.00	57.19 2.09 0.00	58.88 3.07 0.00	63.85 2.75 0.00	66.29 1.68 0.00	79.64 2.77 0.00	92.90 3.49 0.00	93.13 3.15 0.00	87.90 3.46 0.00	76.73 1.58 0.00	66.76 2.26 0.00	56.63 1.16 0.00	50.90 0.90 0.00
TEMPLE___115KV_TB 2 55572	41.70 -0.08 0.00	36.72 -0.11 0.00	33.86 -0.10 0.00	31.24 -0.13 0.00	30.85 -0.12 0.00	32.20 -0.06 0.00	34.47 -0.21 0.00	37.47 -0.19 0.00	42.77 -0.26 0.00	43.21 -0.13 0.00	46.06 0.00 0.00	49.32 0.20 0.00	55.60 0.50 0.00	56.48 0.67 0.00	61.71 0.61 0.00	65.26 0.65 0.00	78.03 1.15 0.00	91.11 1.70 0.00	91.78 1.80 0.00	86.13 1.69 0.00	76.13 0.98 0.00	65.47 0.97 0.00	55.86 0.39 0.00	50.15 0.15 0.00
TIANA___69_KV_BK 1 55817	48.02 5.47 -0.75	41.50 4.68 0.00	37.97 4.01 0.00	34.94 3.58 0.00	34.16 3.19 0.00	35.62 3.36 0.00	38.60 3.92 0.00	42.56 4.90 0.00	48.32 5.29 0.00	48.88 5.55 0.00	52.05 5.99 0.00	54.24 5.11 0.00	60.67 5.57 0.00	61.34 5.53 0.00	67.64 6.54 0.00	75.91 8.66 -2.64	92.26 11.38 -4.01	147.09 14.93 -42.74	153.54 14.13 -49.43	97.16 12.58 -0.14	83.73 8.57 0.00	70.83 6.32 0.00	61.12 5.38 -0.28	54.75 4.75 0.00

TILDEN___115KV_TB1 80814	41.79 0.00 0.00	36.79 -0.04 0.00	33.96 0.00 0.00	31.33 -0.03 0.00	30.94 -0.03 0.00	32.29 0.03 0.00	34.58 -0.10 0.00	37.55 -0.11 0.00	42.90 -0.13 0.00	43.29 -0.04 0.00	46.15 0.09 0.00	49.42 0.29 0.00	55.65 0.55 0.00	56.54 0.73 0.00	61.77 0.67 0.00	65.32 0.71 0.00	78.18 1.31 0.00	91.29 1.88 0.00	91.96 1.98 0.00	86.38 1.94 0.00	76.28 1.13 0.00	65.67 1.16 0.00	55.97 0.50 0.00	50.30 0.30 0.00
TRIGEN___CC 323695	46.80 4.26 -0.75	40.62 3.79 0.00	37.29 3.33 0.00	34.40 3.04 0.00	33.76 2.79 0.00	35.20 2.94 0.00	38.04 3.36 0.00	41.81 4.14 0.00	47.46 4.43 0.00	47.84 4.51 0.00	50.67 4.61 0.00	53.25 4.13 0.00	59.62 4.52 0.00	60.22 4.41 0.00	66.11 5.01 0.00	92.27 6.91 -20.75	117.35 8.92 -31.56	104.45 11.80 -3.23	100.96 10.98 0.00	95.36 9.96 -0.96	82.22 7.06 0.00	69.73 5.22 0.00	62.71 5.10 -2.13	54.27 4.25 -0.02
TRINITY__115KV__4 BK 55933	42.71 0.92 0.00	37.75 0.92 0.00	34.81 0.85 0.00	32.21 0.85 0.00	31.78 0.81 0.00	33.07 0.81 0.00	35.48 0.80 0.00	38.45 0.79 0.00	43.76 0.73 0.00	43.94 0.61 0.00	46.52 0.46 0.00	49.47 0.34 0.00	55.21 0.11 0.00	55.70 -0.11 0.00	60.98 -0.12 0.00	65.19 0.58 0.00	77.87 1.00 0.00	91.47 2.06 0.00	91.96 1.98 0.00	86.04 1.60 0.00	73.85 0.83 2.13	64.96 0.45 0.00	55.69 0.22 0.00	50.30 0.30 0.00
UNION___PROCESSING_DRP 323587	42.08 0.29 0.00	37.12 0.29 0.00	34.23 0.27 0.00	31.58 0.22 0.00	31.13 0.15 0.00	32.55 0.29 0.00	34.47 -0.21 0.00	37.17 -0.49 0.00	42.43 -0.60 0.00	43.38 0.04 0.00	46.48 0.41 0.00	50.06 0.93 0.00	57.30 2.20 0.00	58.66 2.85 0.00	63.85 2.75 0.00	66.81 2.20 0.00	80.18 3.31 0.00	93.53 4.11 0.00	93.67 3.69 0.00	88.24 3.80 0.00	77.41 2.25 0.00	67.09 2.58 0.00	56.91 1.44 0.00	51.00 1.00 0.00
UPPER HUDSON___HYD 24058	43.75 1.96 0.00	38.49 1.66 0.00	35.39 1.43 0.00	32.65 1.29 0.00	32.24 1.27 0.00	33.61 1.35 0.00	36.17 1.49 0.00	39.17 1.51 0.00	44.36 1.34 0.00	44.38 1.04 0.00	46.57 0.51 0.00	49.72 0.59 0.00	55.27 0.17 0.00	56.15 0.34 0.00	61.47 0.37 0.00	66.23 1.62 0.00	79.33 2.46 0.00	93.88 4.47 0.00	95.82 5.85 0.00	89.67 5.24 0.00	82.10 4.43 -2.51	67.92 3.42 0.00	57.80 2.33 0.00	52.15 2.15 0.00
UPPER RAQUET___HYD 24056	41.75 -0.04 0.00	36.72 -0.11 0.00	33.93 -0.03 0.00	31.30 -0.06 0.00	31.00 0.03 0.00	32.16 -0.10 0.00	34.78 0.10 0.00	37.66 0.00 0.00	43.33 0.30 0.00	43.42 0.09 0.00	46.11 0.05 0.00	49.13 0.00 0.00	54.93 -0.16 0.00	55.53 -0.28 0.00	60.61 -0.49 0.00	62.73 -1.88 0.00	74.03 -2.84 0.00	75.64 -5.09 8.68	75.91 -4.59 9.48	76.06 -3.88 4.50	73.28 -1.88 0.00	63.41 -1.10 0.00	55.41 -0.06 0.00	50.40 0.40 0.00
VALLEY44_115KV_TB2 355964	41.58 -0.21 0.00	36.72 -0.11 0.00	33.76 -0.20 0.00	31.39 0.03 0.00	30.91 -0.06 0.00	32.36 0.10 0.00	33.85 -0.83 0.00	36.38 -1.28 0.00	41.48 -1.55 0.00	42.51 -0.82 0.00	45.60 -0.46 0.00	49.08 -0.05 0.00	55.87 0.77 0.00	57.54 1.73 0.00	62.44 1.34 0.00	65.06 0.45 0.00	78.26 1.38 0.00	91.11 1.70 0.00	91.51 1.53 0.00	86.13 1.69 0.00	75.16 0.00 0.00	65.22 0.71 0.00	55.63 0.17 0.00	50.25 0.25 0.00
VALLEY___115KV_TB 1-4 80826	42.58 0.79 0.00	37.56 0.74 0.00	34.61 0.65 0.00	31.96 0.60 0.00	31.59 0.62 0.00	32.94 0.68 0.00	35.34 0.66 0.00	38.38 0.72 0.00	43.80 0.77 0.00	44.03 0.69 0.00	46.80 0.74 0.00	49.96 0.84 0.00	56.04 0.94 0.00	56.82 1.00 0.00	62.08 0.98 0.00	65.84 1.23 0.00	78.49 1.61 0.00	91.56 2.15 0.00	92.23 2.25 0.00	86.46 2.03 0.00	76.58 1.43 0.00	65.80 1.29 0.00	56.41 0.94 0.00	50.75 0.75 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	44.13 2.34 0.00	38.89 2.06 0.00	35.83 1.87 0.00	33.09 1.72 0.00	32.74 1.77 0.00	34.16 1.90 0.00	36.45 1.77 0.00	39.73 2.07 0.00	45.27 2.24 0.00	45.46 2.12 0.00	48.41 2.35 0.00	51.68 2.55 0.00	58.02 2.92 0.00	58.82 3.01 0.00	64.34 3.24 0.00	68.49 3.88 0.00	81.87 5.00 0.00	96.03 6.62 0.00	96.82 6.84 0.00	90.85 6.42 0.00	80.04 4.89 0.00	68.76 4.26 0.00	58.80 3.33 0.00	52.80 2.80 0.00
VISCHER___FERRY HYD 24020	43.84 2.05 0.00	38.63 1.80 0.00	35.59 1.63 0.00	32.87 1.51 0.00	32.46 1.49 0.00	33.81 1.55 0.00	36.31 1.63 0.00	39.43 1.77 0.00	44.70 1.68 0.00	44.77 1.43 0.00	47.30 1.24 0.00	50.40 1.28 0.00	56.42 1.32 0.00	57.26 1.45 0.00	62.75 1.65 0.00	67.26 2.65 0.00	80.34 3.46 0.00	94.78 5.36 0.00	95.38 5.40 0.00	89.25 4.81 0.00	85.37 3.68 -6.54	67.34 2.84 0.00	57.63 2.16 0.00	52.00 2.00 0.00
V_A_10_SYNC_DSASP 323832	41.66 -0.13 0.00	36.75 -0.07 0.00	33.86 -0.10 0.00	31.33 -0.03 0.00	30.85 -0.12 0.00	32.26 0.00 0.00	33.95 -0.73 0.00	36.31 -1.36 0.00	41.44 -1.59 0.00	42.51 -0.82 0.00	45.55 -0.51 0.00	49.13 0.00 0.00	56.37 1.27 0.00	57.88 2.06 0.00	62.87 1.77 0.00	65.39 0.78 0.00	78.49 1.61 0.00	91.56 2.15 0.00	91.69 1.71 0.00	86.38 1.94 0.00	75.68 0.53 0.00	65.80 1.29 0.00	55.91 0.44 0.00	50.30 0.30 0.00
V_CMM_10_SYNC_DSASP 323787	41.24 -0.54 0.00	36.31 -0.52 0.00	33.52 -0.44 0.00	30.95 -0.41 0.00	30.60 -0.37 0.00	31.78 -0.48 0.00	34.37 -0.31 0.00	37.29 -0.38 0.00	42.86 -0.17 0.00	43.08 -0.26 0.00	45.74 -0.32 0.00	48.68 -0.44 0.00	54.60 -0.50 0.00	55.20 -0.61 0.00	60.61 -0.49 0.00	63.57 -1.04 0.00	75.18 -1.69 0.00	85.79 -3.13 0.49	86.47 -2.97 0.54	81.65 -2.53 0.26	73.80 -1.35 0.00	63.35 -1.16 0.00	54.91 -0.55 0.00	49.65 -0.35 0.00
V_CMP_10_SYNC_DSASP 323788	41.87 0.08 0.00	36.83 0.00 0.00	34.00 0.03 0.00	31.42 0.06 0.00	31.09 0.12 0.00	32.26 0.00 0.00	34.92 0.24 0.00	37.96 0.30 0.00	43.71 0.69 0.00	44.03 0.69 0.00	46.39 0.32 0.00	49.08 -0.05 0.00	54.38 -0.72 0.00	54.75 -1.06 0.00	60.12 -0.98 0.00	63.13 -1.48 0.00	74.57 -2.30 0.00	84.34 -3.93 1.14	85.04 -3.69 1.25	80.81 -3.04 0.59	73.28 -1.88 0.00	62.63 -1.87 0.00	54.36 -1.11 0.00	49.55 -0.45 0.00
V_D_10_SYNC_DSASP 323841	41.58 -0.21 0.00	36.61 -0.22 0.00	33.79 -0.17 0.00	31.20 -0.16 0.00	30.88 -0.09 0.00	32.00 -0.26 0.00	34.61 -0.07 0.00	37.55 -0.11 0.00	43.24 0.22 0.00	43.42 0.09 0.00	46.11 0.05 0.00	49.13 0.00 0.00	54.99 -0.11 0.00	55.59 -0.22 0.00	60.98 -0.12 0.00	63.84 -0.77 0.00	75.57 -1.31 0.00	85.71 -3.22 0.49	86.47 -2.97 0.54	81.65 -2.53 0.26	74.33 -0.83 0.00	63.86 -0.64 0.00	55.36 -0.11 0.00	50.15 0.15 0.00
V_E_10_SYNC_DSASP 323830	45.34 3.55 0.00	39.96 3.13 0.00	36.85 2.89 0.00	33.87 2.51 0.00	33.66 2.69 0.00	35.26 3.00 0.00	37.42 2.74 0.00	40.64 2.97 0.00	46.21 3.18 0.00	46.07 2.73 0.00	49.28 3.22 0.00	52.81 3.69 0.00	59.51 4.41 0.00	60.72 4.91 0.00	66.29 5.19 0.00	70.36 5.75 0.00	84.41 7.54 0.00	99.43 10.01 0.00	101.50 11.52 0.00	95.58 11.14 0.00	84.02 8.86 0.00	72.37 7.87 0.00	61.01 5.55 0.00	54.35 4.35 0.00

V_F_30_NSYNC___DSASP 323816	44.17 2.38 0.00	38.89 2.06 0.00	35.76 1.80 0.00	33.02 1.66 0.00	32.61 1.64 0.00	33.97 1.71 0.00	36.52 1.84 0.00	39.55 1.88 0.00	44.83 1.81 0.00	44.90 1.56 0.00	47.44 1.38 0.00	50.60 1.47 0.00	56.48 1.38 0.00	57.37 1.56 0.00	62.81 1.71 0.00	67.39 2.78 0.00	80.64 3.77 0.00	95.22 5.81 0.00	96.27 6.30 0.00	90.18 5.74 0.00	82.88 4.66 -3.07	68.25 3.74 0.00	58.24 2.77 0.00	52.55 2.55 0.00
V_F_30_SYNC_DSASP 323786	42.87 1.09 0.00	37.89 1.07 0.00	34.95 0.98 0.00	32.33 0.97 0.00	31.87 0.90 0.00	33.16 0.90 0.00	35.58 0.90 0.00	38.60 0.94 0.00	43.93 0.90 0.00	44.12 0.78 0.00	46.71 0.64 0.00	49.67 0.54 0.00	55.43 0.33 0.00	55.92 0.11 0.00	61.22 0.12 0.00	65.58 0.97 0.00	78.33 1.46 0.00	92.01 2.59 0.00	92.50 2.52 0.00	86.55 2.11 0.00	74.64 1.28 1.79	65.34 0.84 0.00	55.97 0.50 0.00	50.55 0.55 0.00
V_XM_10_SYNC_DSASP 323789	41.87 0.08 0.00	36.83 0.00 0.00	34.00 0.03 0.00	31.42 0.06 0.00	31.09 0.12 0.00	32.26 0.00 0.00	34.92 0.24 0.00	37.96 0.30 0.00	43.71 0.69 0.00	44.03 0.69 0.00	46.39 0.32 0.00	49.08 -0.05 0.00	54.38 -0.72 0.00	54.75 -1.06 0.00	60.12 -0.98 0.00	63.13 -1.48 0.00	74.57 -2.30 0.00	84.34 -3.93 1.14	85.04 -3.69 1.25	80.81 -3.04 0.59	73.28 -1.88 0.00	62.63 -1.87 0.00	54.36 -1.11 0.00	49.55 -0.45 0.00
W.BABYLN_69_KV_BK1 56697	47.97 5.43 -0.75	41.54 4.71 0.00	38.04 4.08 0.00	35.03 3.67 0.00	34.32 3.34 0.00	35.78 3.52 0.00	38.74 4.06 0.00	42.63 4.97 0.00	48.41 5.38 0.00	48.88 5.55 0.00	51.86 5.80 0.00	53.95 4.81 -0.01	60.40 5.29 -0.01	61.06 5.25 -0.01	67.15 6.05 0.00	78.78 8.21 -5.96	96.48 10.53 -9.08	106.12 13.95 -2.76	105.33 13.23 -2.13	96.63 11.91 -0.28	83.73 8.57 -0.01	70.96 6.45 -0.01	61.98 5.88 -0.63	55.06 5.05 -0.01
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	45.17 3.38 0.00	39.88 3.06 0.00	36.58 2.62 0.00	33.84 2.48 0.00	33.36 2.38 0.00	34.78 2.52 0.00	37.38 2.71 0.00	40.94 3.28 0.00	46.51 3.49 0.00	46.85 3.51 0.00	49.75 3.68 0.00	52.76 3.64 0.00	59.07 3.97 0.00	59.72 3.91 0.00	65.44 4.34 0.00	70.42 5.81 0.00	84.56 7.69 0.00	99.79 10.37 0.00	99.52 9.54 0.00	92.97 8.53 0.00	81.24 6.09 0.00	69.02 4.52 0.00	59.52 4.05 0.00	53.60 3.60 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	45.63 3.84 0.00	40.18 3.35 0.00	36.85 2.89 0.00	34.06 2.70 0.00	33.54 2.57 0.00	35.00 2.74 0.00	37.77 3.09 0.00	41.47 3.80 0.00	47.16 4.13 0.00	47.58 4.25 0.00	50.44 4.38 0.00	53.40 4.27 0.00	59.73 4.63 0.00	60.28 4.46 0.00	65.99 4.89 0.00	71.14 6.53 0.00	85.41 8.53 0.00	100.86 11.45 0.00	100.42 10.44 0.00	93.81 9.37 0.00	81.69 6.54 0.00	69.34 4.84 0.00	59.91 4.44 0.00	53.95 3.95 0.00
W50THST__13_KV_LOAD 356117	45.84 4.05 0.00	40.40 3.57 0.00	37.02 3.06 0.00	34.21 2.85 0.00	33.73 2.76 0.00	35.16 2.90 0.00	37.97 3.29 0.00	41.73 4.07 0.00	47.46 4.43 0.00	47.93 4.59 0.00	50.80 4.74 0.00	53.80 4.67 0.00	60.17 5.07 0.00	60.78 4.97 0.00	66.54 5.44 0.00	71.72 7.11 0.00	86.10 9.22 0.00	101.67 12.25 0.00	101.14 11.16 0.00	94.40 9.96 0.00	82.22 7.06 0.00	69.73 5.22 0.00	60.24 4.77 0.00	54.25 4.25 0.00
WADING RIVER_IC_1 23522	47.26 4.72 -0.75	40.85 4.01 -0.01	37.44 3.47 -0.01	34.37 3.01 0.00	33.63 2.66 0.00	35.07 2.81 0.00	37.98 3.30 0.00	41.93 4.25 -0.01	47.29 4.26 0.00	47.68 4.33 -0.01	50.77 4.70 -0.01	53.60 4.47 0.00	59.40 4.30 0.00	59.84 4.02 0.00	66.17 5.07 0.00	74.29 7.04 -2.63	90.32 9.45 -3.99	144.41 12.88 -42.12	150.66 11.97 -48.71	95.13 10.55 -0.14	81.77 6.62 0.00	69.54 5.03 0.00	60.18 4.44 -0.27	53.70 3.70 0.00
WADING RIVER_IC_2 23547	47.26 4.72 -0.75	40.85 4.01 -0.01	37.44 3.47 -0.01	34.37 3.01 0.00	33.63 2.66 0.00	35.07 2.81 0.00	37.98 3.30 0.00	41.93 4.25 -0.01	47.29 4.26 0.00	47.68 4.33 -0.01	50.77 4.70 -0.01	53.60 4.47 0.00	59.40 4.30 0.00	59.84 4.02 0.00	66.17 5.07 0.00	74.29 7.04 -2.63	90.32 9.45 -3.99	144.41 12.88 -42.12	150.66 11.97 -48.71	95.13 10.55 -0.14	81.77 6.62 0.00	69.54 5.03 0.00	60.18 4.44 -0.27	53.70 3.70 0.00
WADING RIVER_IC_3 23601	47.26 4.72 -0.75	40.85 4.01 -0.01	37.44 3.47 -0.01	34.37 3.01 0.00	33.63 2.66 0.00	35.07 2.81 0.00	37.98 3.30 0.00	41.93 4.25 -0.01	47.29 4.26 0.00	47.68 4.33 -0.01	50.77 4.70 -0.01	53.60 4.47 0.00	59.40 4.30 0.00	59.84 4.02 0.00	66.17 5.07 0.00	74.29 7.04 -2.63	90.32 9.45 -3.99	144.41 12.88 -42.12	150.66 11.97 -48.71	95.13 10.55 -0.14	81.77 6.62 0.00	69.54 5.03 0.00	60.18 4.44 -0.27	53.70 3.70 0.00
WALDENNY_12_KV_BK2 80841	42.16 0.38 0.00	37.19 0.37 0.00	34.20 0.24 0.00	31.74 0.38 0.00	31.22 0.25 0.00	32.71 0.45 0.00	34.23 -0.45 0.00	36.57 -1.09 0.00	41.74 -1.29 0.00	42.99 -0.35 0.00	46.15 0.09 0.00	49.81 0.69 0.00	57.30 2.20 0.00	59.16 3.35 0.00	64.09 2.99 0.00	66.48 1.87 0.00	79.87 3.00 0.00	93.08 3.67 0.00	93.40 3.42 0.00	87.90 3.46 0.00	76.73 1.58 0.00	66.57 2.06 0.00	56.58 1.11 0.00	50.85 0.85 0.00
WALDEN___HYDRO 24148	44.88 3.09 0.00	39.59 2.76 0.00	36.34 2.38 0.00	33.59 2.23 0.00	33.11 2.14 0.00	34.52 2.26 0.00	37.11 2.43 0.00	40.56 2.90 0.00	46.08 3.05 0.00	46.37 3.03 0.00	49.24 3.18 0.00	52.27 3.14 0.00	58.57 3.47 0.00	59.22 3.40 0.00	64.89 3.79 0.00	69.84 5.23 0.00	83.87 7.00 0.00	98.98 9.57 0.00	98.89 8.91 0.00	92.46 8.02 0.00	81.02 5.86 0.00	68.83 4.32 0.00	59.18 3.72 0.00	53.35 3.35 0.00
WARRENSBURG____ 23737	43.75 1.96 0.00	38.48 1.66 0.00	35.39 1.43 0.00	32.65 1.29 0.00	32.24 1.27 0.00	33.62 1.35 0.00	36.17 1.49 0.00	39.17 1.51 0.00	44.36 1.33 0.00	44.42 1.08 0.00	46.66 0.60 0.00	49.72 0.59 0.00	55.26 0.17 0.00	56.09 0.28 0.00	61.46 0.37 0.00	66.23 1.62 0.00	79.33 2.46 0.00	93.89 4.47 0.00	95.83 5.85 0.00	89.67 5.24 0.00	82.10 4.43 -2.51	67.99 3.48 0.00	57.80 2.33 0.00	52.15 2.15 0.00
WATERSIDE___6 8 9 23538	45.81 4.01 -0.01	40.29 3.46 0.00	37.02 3.06 0.00	34.21 2.85 0.00	33.70 2.73 0.00	35.03 2.77 0.00	37.91 3.23 0.00	41.62 3.95 0.00	47.33 4.30 0.00	47.76 4.42 0.00	50.62 4.56 0.00	53.60 4.47 0.00	59.67 4.57 0.00	60.33 4.52 0.00	65.50 4.40 0.00	70.62 6.01 0.00	84.87 7.99 0.00	100.23 10.82 0.00	99.61 9.63 0.00	93.13 8.70 0.00	81.17 6.01 0.00	68.89 4.39 0.00	59.79 4.33 0.00	53.95 3.95 0.00
WATKINRD_115KV_LN8_ILLION 55919	42.42 0.63 0.00	37.38 0.55 0.00	34.47 0.51 0.00	31.83 0.47 0.00	31.47 0.50 0.00	32.78 0.52 0.00	35.17 0.49 0.00	38.23 0.56 0.00	43.59 0.56 0.00	43.86 0.52 0.00	46.61 0.55 0.00	49.72 0.59 0.00	55.76 0.66 0.00	56.54 0.73 0.00	61.77 0.67 0.00	65.51 0.90 0.00	78.10 1.23 0.00	91.20 1.79 0.00	91.87 1.89 0.00	86.13 1.69 0.00	76.36 1.20 0.00	65.54 1.03 0.00	56.19 0.72 0.00	50.60 0.60 0.00

WDELAWARE___HYD 323627	44.55 2.76 0.00	39.29 2.47 0.00	36.10 2.14 0.00	33.31 1.95 0.00	32.83 1.86 0.00	34.23 1.97 0.00	36.76 2.08 0.00	40.19 2.52 0.00	45.65 2.63 0.00	45.85 2.51 0.00	48.64 2.58 0.00	51.93 2.80 0.00	58.18 3.08 0.00	58.93 3.12 0.00	64.13 3.48 0.45	68.96 4.91 0.56	83.46 6.68 0.10	98.32 9.39 0.48	98.40 8.91 0.49	92.14 8.03 0.32	80.94 5.79 0.00	68.83 4.32 0.00	59.13 3.66 0.00	53.15 3.15 0.00
WEST BABYLON___IC 23714	47.97 5.43 -0.75	41.54 4.71 0.00	38.04 4.08 0.00	35.03 3.67 0.00	34.32 3.34 0.00	35.78 3.52 0.00	38.74 4.06 0.00	42.63 4.97 0.00	48.41 5.38 0.00	48.88 5.55 0.00	51.86 5.80 0.00	53.95 4.81 -0.01	60.40 5.29 -0.01	61.06 5.25 -0.01	67.15 6.05 0.00	78.78 8.21 -5.96	96.48 10.53 -9.08	106.12 13.95 -2.76	105.33 13.23 -2.13	96.63 11.91 -0.28	83.73 8.57 -0.01	70.96 6.45 -0.01	61.98 5.88 -0.63	55.06 5.05 -0.01
WEST CANADA___HYD 24049	42.12 0.33 0.00	37.12 0.29 0.00	34.23 0.27 0.00	31.61 0.25 0.00	31.22 0.25 0.00	32.55 0.29 0.00	34.92 0.24 0.00	37.93 0.27 0.00	43.29 0.26 0.00	43.56 0.22 0.00	46.29 0.23 0.00	49.37 0.25 0.00	55.38 0.28 0.00	56.09 0.28 0.00	61.41 0.31 0.00	65.07 0.46 0.00	77.49 0.61 0.00	90.49 1.08 0.00	91.06 1.08 0.00	85.37 0.93 0.00	75.75 0.60 0.00	64.96 0.45 0.00	55.80 0.33 0.00	50.25 0.25 0.00
WESTERN_NY_WIND 24143	42.79 1.00 0.00	37.82 0.99 0.00	34.74 0.78 0.00	32.21 0.85 0.00	31.71 0.74 0.00	33.23 0.97 0.00	34.85 0.17 0.00	37.32 -0.34 0.00	42.55 -0.47 0.00	43.77 0.43 0.00	46.98 0.92 0.00	50.55 1.42 0.00	58.30 3.20 0.00	60.05 4.24 0.00	65.13 4.03 0.00	67.71 3.10 0.00	81.49 4.61 0.00	95.23 5.81 0.00	95.47 5.49 0.00	90.18 5.74 0.00	78.76 3.61 0.00	68.51 4.00 0.00	57.96 2.50 0.00	51.95 1.95 0.00
WESTOVER___LESR 323668	42.58 0.79 0.00	37.53 0.70 0.00	34.61 0.65 0.00	31.99 0.63 0.00	31.59 0.62 0.00	32.97 0.71 0.00	35.10 0.42 0.00	38.08 0.41 0.00	43.37 0.34 0.00	43.86 0.52 0.00	46.80 0.74 0.00	50.06 0.93 0.00	56.48 1.38 0.00	57.54 1.73 0.00	62.81 1.71 0.00	66.42 1.81 0.00	79.56 2.69 0.00	92.99 3.58 0.00	93.67 3.69 0.00	87.98 3.55 0.00	77.49 2.33 0.00	66.76 2.26 0.00	57.02 1.55 0.00	51.20 1.20 0.00
WETHRSFD_WT_PWR 323626	42.16 0.38 0.00	37.19 0.37 0.00	34.47 0.51 0.00	31.64 0.28 0.00	31.19 0.22 0.00	32.65 0.39 0.00	34.23 -0.45 0.00	36.50 -1.17 0.00	41.61 -1.42 0.00	42.86 -0.48 0.00	46.11 0.05 0.00	49.03 -0.10 0.00	56.20 1.10 0.00	57.71 1.90 0.00	62.75 1.65 0.00	65.71 1.10 0.00	78.56 1.69 0.00	91.30 1.88 0.00	92.23 2.25 0.00	87.06 2.62 0.00	76.66 1.50 0.00	66.25 1.74 0.00	56.14 0.67 0.00	50.40 0.40 0.00
WHAVSTOR_138KV_BK127 55557	44.96 3.18 0.00	39.70 2.87 0.00	36.44 2.48 0.00	33.71 2.35 0.00	33.20 2.23 0.00	34.62 2.36 0.00	37.25 2.57 0.00	40.79 3.13 0.00	46.30 3.27 0.00	46.63 3.29 0.00	49.52 3.45 0.00	52.47 3.34 0.00	58.74 3.64 0.00	59.33 3.52 0.00	65.01 3.91 0.00	69.97 5.36 0.00	84.02 7.15 0.00	99.07 9.66 0.00	98.89 8.91 0.00	92.37 7.94 0.00	80.72 5.56 0.00	68.63 4.13 0.00	59.18 3.72 0.00	53.30 3.30 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	44.96 3.18 0.00	39.70 2.87 0.00	36.44 2.48 0.00	33.71 2.35 0.00	33.20 2.23 0.00	34.62 2.36 0.00	37.25 2.57 0.00	40.79 3.13 0.00	46.30 3.27 0.00	46.63 3.29 0.00	49.52 3.45 0.00	52.47 3.34 0.00	58.74 3.64 0.00	59.33 3.52 0.00	65.01 3.91 0.00	69.97 5.36 0.00	84.02 7.15 0.00	99.07 9.66 0.00	98.89 8.91 0.00	92.37 7.94 0.00	80.72 5.56 0.00	68.63 4.13 0.00	59.18 3.72 0.00	53.30 3.30 0.00
WHITEHAL_115KV_TB1 80871	43.29 1.50 0.00	37.97 1.14 0.00	34.81 0.85 0.00	32.05 0.69 0.00	31.71 0.74 0.00	33.13 0.87 0.00	35.72 1.04 0.00	38.60 0.94 0.00	43.63 0.60 0.00	43.60 0.26 0.00	45.74 -0.32 0.00	48.83 -0.29 0.00	53.94 -1.16 0.00	54.92 -0.89 0.00	60.18 -0.92 0.00	65.32 0.71 0.00	78.56 1.69 0.00	93.62 4.20 0.00	96.28 6.30 0.00	90.01 5.57 0.00	82.47 4.81 -2.51	68.05 3.55 0.00	57.47 2.00 0.00	51.80 1.80 0.00
WHITEPLN_13_KV_LOAD 356215	45.80 4.01 0.00	40.40 3.57 0.00	37.02 3.06 0.00	34.21 2.85 0.00	33.70 2.73 0.00	35.13 2.87 0.00	37.84 3.16 0.00	41.66 3.99 0.00	47.37 4.35 0.00	47.71 4.38 0.00	50.67 4.61 0.00	53.75 4.62 0.00	60.50 5.40 0.00	61.22 5.41 0.00	67.09 5.99 0.00	72.23 7.62 0.00	86.87 9.99 0.00	102.20 12.79 0.00	102.04 12.06 0.00	95.33 10.89 0.00	83.20 8.04 0.00	70.44 5.93 0.00	60.63 5.16 0.00	54.40 4.40 0.00
WM_FLOYD_69_KV_BK2 356380	47.64 5.10 -0.75	41.17 4.35 0.00	37.66 3.70 0.00	34.65 3.29 0.00	33.91 2.94 0.00	35.36 3.10 0.00	38.32 3.64 0.00	42.26 4.59 0.00	47.89 4.86 0.00	48.36 5.03 0.00	51.40 5.34 0.00	53.46 4.32 -0.01	59.79 4.68 0.00	60.45 4.63 0.00	66.60 5.50 0.00	74.86 7.56 -2.69	91.02 10.07 -4.08	148.73 13.41 -45.90	155.78 12.69 -53.11	95.89 11.31 -0.14	82.90 7.74 0.00	70.25 5.74 0.00	60.80 5.05 -0.28	54.45 4.45 0.00
WOODARD___115KV_TB2 355635	41.62 -0.17 0.00	36.64 -0.18 0.00	33.79 -0.17 0.00	31.17 -0.19 0.00	30.78 -0.19 0.00	32.13 -0.13 0.00	34.44 -0.24 0.00	37.40 -0.26 0.00	42.68 -0.34 0.00	43.12 -0.22 0.00	45.97 -0.09 0.00	49.18 0.05 0.00	55.43 0.33 0.00	56.26 0.45 0.00	61.46 0.37 0.00	65.00 0.39 0.00	77.72 0.85 0.00	90.76 1.34 0.00	91.42 1.44 0.00	85.79 1.35 0.00	75.83 0.68 0.00	65.22 0.71 0.00	55.69 0.22 0.00	50.00 0.00 0.00
WOODMERE_69_KV_BK1 55827	47.56 5.01 -0.75	41.25 4.42 0.00	37.83 3.87 0.00	34.87 3.51 0.00	34.22 3.25 0.00	35.68 3.42 0.00	38.53 3.85 0.00	42.33 4.67 0.00	48.11 5.08 0.00	48.54 5.20 0.00	51.45 5.39 0.00	54.14 5.01 0.00	60.66 5.57 0.00	61.34 5.53 0.00	67.39 6.29 0.00	121.28 8.33 -48.34	161.18 10.76 -73.54	110.97 14.04 -7.52	103.21 13.23 0.00	98.74 12.07 -2.23	83.95 8.79 0.00	71.21 6.71 0.00	66.60 6.32 -4.81	55.30 5.25 -0.05
YORK___WARBASSE 23770	45.98 4.18 -0.01	40.47 3.65 0.00	37.12 3.16 0.00	34.28 2.92 0.00	33.76 2.79 0.00	35.03 2.77 0.00	37.91 3.23 0.00	41.62 3.95 0.00	47.24 4.22 0.00	47.67 4.33 0.00	50.57 4.51 0.00	53.55 4.42 0.00	59.62 4.52 0.00	60.27 4.46 0.01	65.37 4.28 0.00	70.62 6.01 0.00	84.94 8.07 0.01	100.32 10.91 0.01	99.79 9.81 0.00	93.30 8.87 0.00	81.54 6.39 0.00	69.15 4.64 0.00	59.73 4.27 0.01	53.95 3.95 0.00